

Disclosure of movement of 1% or more in substantial holding
or change in nature of relevant interest, or both

Sections 277 and 278, Financial Markets Conduct Act 2013

To: New Zealand Stock Exchange
and

To: SPARK NEW ZEALAND LTD

Relevant event being disclosed: Movement of 1% or more in substantial holding

Date of relevant event: 25 November 2024

Date this disclosure made: 27 November 2024

Date last disclosure made: 07 June 2022

Substantial product holder(s) giving disclosure

Full name(s): BlackRock, Inc. and related bodies corporate

Summary of substantial holding

Class of quoted voting products: Ordinary Shares & American Depository Receipts

Summary for: Product holders listed in Appendix A

For **this** disclosure,—

- (a) total number held in class: 108,816,705
- (b) total in class: 1,844,093,120
- (c) total percentage held in class: 5.901%

For **last** disclosure,—

- (a) total number held in class: 161,169,532
- (b) total in class: 1,871,587,475
- (c) total percentage held in class: 8.611%

Details of transactions and events giving rise to relevant event

Details of the transactions or other events requiring disclosure: Refer to Appendix B

Details after relevant event

Details for: Product holders listed in Appendix A

Nature of relevant interest(s): The power to control the acquisition or disposal of the quoted voting product and/or the exercise of a right to vote attached to the quoted voting product, arising only from the powers of investment contained in each case under investment management agreements appointing each entity as investment manager of funds or separate accounts (i.e. entity currently exercising investment discretion on behalf

of the relevant funds or separate accounts). No relevant agreement document needs to be attached under Regulation 139.

For that relevant interest,—

- (a) number held in class: Refer to Appendix A
- (b) percentage held in class: Refer to Appendix A
- (c) current registered holder(s): Refer to Appendix A
- (d) registered holder(s) once transfers are registered: Not Applicable

For a derivative relevant interest, also—

- (a) type of derivative: Contracts for Difference
- (b) details of derivative:
 - Notional number of underlying shares: 1,861,422
 - These derivatives are all cash-settled.
 - Derivatives were acquired and/or disposed of as follows: Refer to Appendix B
- (c) parties to the derivative: Refer to Appendix C
- (d) if the substantial product holder is not a party to the derivative, the nature of the relevant interest in the derivative: The power to control the acquisition or disposal of the derivative – Refer to Appendix C

Additional information

Address(es) of substantial product holder(s): Refer to Appendix A

Contact details: Shawna Reese, Tel +1-302-797-2081, Email shawna.reese@blackrock.com

Nature of connection between substantial product holders: Refer to Appendix A

Name of any other person believed to have given, or believed to be required to give, a disclosure under the Financial Markets Conduct Act 2013 in relation to the financial products to which this disclosure relates: Not applicable.

Certification

I, Shawna Reese, certify that, to the best of my knowledge and belief, the information contained in this disclosure is correct and that I am duly authorised to make this disclosure by all persons for whom it is made.

Holder of Relevant Interests	Registered Holder of Securities	Total Held in Class				Nature of Association	Address
		Class	CCY	Number of Securities	%		
APERIO GROUP LLC	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK	ADR 5:1	USD	11,420,214	0.619%	subsidiary of BlackRock Inc.	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505
APERIO GROUP LLC	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK	ORD	NZD	1,921,847	0.104%	subsidiary of BlackRock Inc.	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505
BlackRock Advisors (UK) Limited	BNYM-BONY DUBLIN	ORD	NZD	2,557,504	0.139%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors (UK) Limited	BNYM-BONY EUROPE	ORD	NZD	602,741	0.033%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors (UK) Limited	SSB-STATE STREET DUBLIN	ORD	NZD	1,058,876	0.057%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors (UK) Limited	STATE STREET BANK, MUNICH, ZURICH BRANCH	ORD	NZD	283,761	0.015%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Asset Management Canada Limited	SSB-STATE STREET SACRAMENTO	ORD	NZD	837,155	0.045%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management Deutschland AG	SSB-STATE STREET BANK, GERMANY	ORD	NZD	1,979,841	0.107%	subsidiary of BlackRock Inc.	Max-Joseph-Straße 6 D-80333 Munich, Germany
BlackRock Asset Management North Asia Limited	CITI-CITIBANK, HONG KONG	ORD	NZD	13,548	0.001%	subsidiary of BlackRock Inc.	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BlackRock Asset Management North Asia Limited	Northern Trust Singapore	ORD	NZD	2,615	0.000%	subsidiary of BlackRock Inc.	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BlackRock Capital Management, Inc.	STATE STREET BANK, MUNICH, ZURICH BRANCH	ORD	AUD	211,825	0.011%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	BARC-Barclays PB	CFD	AUD	161,237	0.009%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	BARC-Barclays PB	CFD	NZD	17,677	0.001%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	BNP PRIME BROKER	CFD	AUD	26,456	0.001%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	BOA-MERRILL LYNCH INTL PRIME BROKER	CFD	AUD	77,975	0.004%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	BOA-MERRILL LYNCH INTL PRIME BROKER	CFD	NZD	689	0.000%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	GS-GOLDMAN SACHS PRIME BROKER	CFD	AUD	274,044	0.015%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	HS - HSBC PRIME BROKERAGE	CFD	AUD	69,591	0.004%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	HS - HSBC PRIME BROKERAGE	CFD	NZD	37,297	0.002%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	JP Morgan Prime Broker	CFD	AUD	260,188	0.014%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	JP Morgan Prime Broker	CFD	NZD	14,269	0.001%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	MS-MORGAN STANLEY & CO INC	CFD	AUD	102,615	0.006%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	MS-MORGAN STANLEY & CO INC	CFD	NZD	46,018	0.002%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674

Holder of Relevant Interests	Registered Holder of Securities	Total Held in Class				Nature of Association	Address
		Class	CCY	Number of Securities	%		
BlackRock Financial Management, Inc.	Northern Trust Luxembourg	ORD	AUD	7,252	0.000%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	Northern Trust Luxembourg	ORD	NZD	148,108	0.008%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	NT-NORTHERN TRUST UK	ORD	NZD	40,612	0.002%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	SG AMERICAS SECURITIES LLC	CFD	NZD	346	0.000%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Financial Management, Inc.	SSB-SSB NEW YORK INSTITUTIONAL	ORD	NZD	509,168	0.028%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Fund Advisors	SSB-STATE STREET BANK, BOSTON	ORD	NZD	524,168	0.028%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Fund Advisors	SSB-STATE STREET SACRAMENTO	ORD	NZD	34,149,604	1.852%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	BARC-Barclays PB	CFD	AUD	81,845	0.004%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	BARC-Barclays PB	CFD	NZD	33,519	0.002%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	BNYM-THE BANK OF NEW YORK	ORD	NZD	567,725	0.031%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	BOA-MERRILL LYNCH INTL PRIME BROKER	CFD	AUD	7,774	0.000%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE	CFD	AUD	63,629	0.003%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	GS-GOLDMAN SACHS PRIME BROKER	CFD	AUD	139,450	0.008%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	GS-GOLDMAN SACHS PRIME BROKER	CFD	NZD	7,968	0.000%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	HS - HSBC PRIME BROKERAGE	CFD	NZD	1,707	0.000%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	JP Morgan Prime Broker	CFD	AUD	136,725	0.007%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	JP Morgan Prime Broker	CFD	NZD	1,603	0.000%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	JPM-JP MORGAN CHASE	ORD	NZD	17,023,486	0.923%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	MS-MORGAN STANLEY & CO INC	CFD	AUD	26,489	0.001%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	MS-MORGAN STANLEY & CO INC	CFD	NZD	91,034	0.005%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	SSB-SSB NEW YORK INSTITUTIONAL	ORD	NZD	103,802	0.006%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET SACRAMENTO	ORD	NZD	3,906	0.000%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	UBS-UBS	CFD	AUD	29,774	0.002%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)

Holder of Relevant Interests	Registered Holder of Securities	Total Held in Class				Nature of Association	Address
		Class	CCY	Number of Securities	%		
BlackRock International Limited	JPM-JP MORGAN CHASE	ORD	NZD	1	0.000%	subsidiary of BlackRock Inc.	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland,
BlackRock Investment Management (Australia) Limited	BNP-BNP PARIBAS AUSTRALIA - COGENT	ORD	NZD	18,194,468	0.987%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (Australia) Limited	CITI-CITIBANK, HONG KONG	ORD	AUD	1,065,165	0.058%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY	ORD	AUD	2,859,446	0.155%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY	ORD	NZD	3,937	0.000%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED	ORD	AUD	2,898,524	0.157%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore	ORD	AUD	480,715	0.026%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (UK) Limited	BNYM-BANK OF NY BRUS	ORD	NZD	1,393,912	0.076%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	BNYM-BONY EUROPE	ORD	NZD	1,709,117	0.093%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	CB-Caceis Bank Amsterdam	ORD	NZD	1,137,354	0.062%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	CITI-CITIBANK, LONDON	ORD	NZD	280,633	0.015%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE	CFD	AUD	54,197	0.003%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE	CFD	NZD	263	0.000%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	HS - HSBC PRIME BROKERAGE	CFD	AUD	34,534	0.002%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	HS - HSBC PRIME BROKERAGE	CFD	NZD	285	0.000%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	HSBC-HSBC	ORD	NZD	764,755	0.041%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	JP Morgan Prime Broker	CFD	AUD	62,224	0.003%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	JPM-JP MORGAN CHASE	ORD	NZD	28,713	0.002%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	Northern Trust Luxembourg	ORD	NZD	273,488	0.015%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	NT-NORTHERN TRUST UK	ORD	NZD	1,378,126	0.075%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management (UK) Limited	SSB-STATE STREET LONDON	ORD	NZD	456,206	0.025%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	BNYM-BONY LUXEMBOURG	ORD	NZD	8,992	0.000%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Investment Management, LLC	SSB-STATE STREET BANK LUXEMBO	ORD	NZD	53,973	0.003%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674

SPARK NEW ZEALAND LTD

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
06-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD	-6,125	-6,125
06-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,579	7,895
06-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-992	-4,960
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	892	892
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	3,327	3,327
07-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD	-30,078	-30,078
07-Jun-22	BlackRock Fund Advisors	on mkt buy	4.78	ORD	64,070	64,070
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	8,218	8,218
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	4	4
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	8	8
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	3,642	3,642
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	1,214	1,214
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	1,665	1,665
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	3,330	3,330
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	1,998	1,998
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	780	780
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	2,850	2,850
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	5,508	5,508
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	3,357	3,357
07-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79	ORD	-6,298	-6,298
07-Jun-22	BLACKROCK ADVISORS LLC	on mkt buy	4.79	ORD	3,022	3,022
07-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	499	2,495
07-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	81	405
07-Jun-22	APERIO GROUP LLC	in specie	n/a	ORD	-9,362	-9,362
08-Jun-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	59,029	59,029
08-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD	-21,000	-21,000
08-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	11,529	11,529
08-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	10,491	10,491
08-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD	872	872
08-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD	144	144
08-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD	111	111
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	1,640	1,640
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	1,968	1,968
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	2,296	2,296
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	2,225	2,225
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	2,850	2,850
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	3,366	3,366
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	12,327	12,327
08-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	4.80	ORD	5,689	5,689
08-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD	1,143	1,143
08-Jun-22	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-23,338	-23,338
08-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,418	-12,090
08-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	158	790
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,723	4,723
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD	106,730	106,730
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD	2,182	2,182
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD	96,688	96,688
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD	14,460	14,460
09-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD	1,374	1,374

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
09-Jun-22	BlackRock Fund Advisors	on mkt sell	4.80 ORD -30,481	-30,481
09-Jun-22	BlackRock Fund Advisors	on mkt sell	4.80 ORD -5,954	-5,954
09-Jun-22	BlackRock Fund Advisors	on mkt sell	4.80 ORD -61,065	-61,065
09-Jun-22	BlackRock Fund Advisors	on mkt sell	4.80 ORD -71,406	-71,406
09-Jun-22	BlackRock Fund Advisors	on mkt sell	4.80 ORD -73,382	-73,382
09-Jun-22	BlackRock Fund Advisors	on mkt sell	4.80 ORD -44,027	-44,027
09-Jun-22	BlackRock Fund Advisors	on mkt sell	4.80 ORD -179,770	-179,770
09-Jun-22	BlackRock Fund Advisors	on mkt sell	4.80 ORD -16,439	-16,439
09-Jun-22	BlackRock Fund Advisors	on mkt sell	4.80 ORD -32,191	-32,191
09-Jun-22	BlackRock Fund Advisors	on mkt sell	4.80 ORD -80,755	-80,755
09-Jun-22	BlackRock Fund Advisors	on mkt sell	4.80 ORD -108,009	-108,009
09-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.81 ORD 16,436	16,436
09-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.81 ORD 3,651	3,651
09-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.81 ORD 1,665	1,665
09-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.81 ORD 5,521	5,521
09-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.81 ORD 29,704	29,704
09-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -558	-2,790
09-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -86	-430
09-Jun-22	APERIO GROUP LLC	in specie	n/a ORD 11,658	11,658
10-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD 9,408	9,408
10-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD 5,525	5,525
10-Jun-22	BlackRock Fund Advisors	on mkt sell	4.75 ORD -2,195	-2,195
10-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.74 ORD -9,871	-9,871
10-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75 ORD 10,476	10,476
10-Jun-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.74 ORD -10,420	-10,420
10-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76 ORD 194,844	194,844
10-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.76 ORD 2,850	2,850
10-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.76 ORD 8,550	8,550
10-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.76 ORD 5,510	5,510
10-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.76 ORD -13,472	-13,472
10-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.76 ORD 24,654	24,654
10-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,123	10,615
10-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,871	9,355
10-Jun-22	APERIO GROUP LLC	in specie	n/a ORD 46,818	46,818
13-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD 9,408	9,408
13-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD 2,114	2,114
13-Jun-22	BlackRock Fund Advisors	on mkt buy	4.70 ORD 8,116	8,116
13-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.68 ORD 2,850	2,850
13-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.68 ORD 5,510	5,510
13-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 3,641	18,205
13-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 137	685
13-Jun-22	BlackRock Investment Management (UK) Limited	in specie	n/a ORD -95,661	-95,661
14-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.52 ORD 3,730	3,730
14-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD 14,109	14,109
14-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD 4,004	4,004
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.53 ORD 4,109	4,109
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.53 ORD -4,109	-4,109
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.53 ORD -12	-12
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.53 ORD -384	-384
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.53 ORD 4,521	4,521
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.53 ORD 2,850	2,850
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.53 ORD -20,244	-20,244
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.53 ORD -4,109	-4,109
14-Jun-22	BlackRock Asset Management Deutschland AG	on mkt sell	4.53 ORD -15,978	-15,978
14-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.53 ORD -565	-565

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
14-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53 ORD 2,054	2,054
14-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -3,713	-18,565
14-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 186	930
15-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD -11,506	-11,506
15-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.52 ORD -31,131	-31,131
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.58 ORD 5,068	5,068
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63 ORD 12,565	12,565
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.63 ORD 1,343	1,343
15-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.64 ORD -20,545	-20,545
15-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.64 ORD -1,029	-1,029
15-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.64 ORD 5,439	5,439
15-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.64 ORD 16,317	16,317
15-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.64 ORD -9,226	-9,226
15-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.64 ORD -53,055	-53,055
15-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -12,829	-64,145
15-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -5,830	-29,150
16-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD 9,408	9,408
16-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD 7,350	7,350
16-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.66 ORD -1,978	-1,978
16-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.66 ORD -268	-268
16-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.66 ORD -260	-260
16-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.62 ORD 1,143	1,143
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 76	76
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.66 ORD -1,356	-1,356
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 2,850	2,850
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.66 ORD 5,448	5,448
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.66 ORD -254	-254
16-Jun-22	BlackRock Investment Management, LLC	on mkt buy	4.66 ORD 2,300	2,300
16-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	4.66 ORD -6,621	-6,621
16-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,095	10,475
16-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,653	8,265
17-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD -7,317	-7,317
17-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD 24,675	24,675
17-Jun-22	BlackRock Fund Advisors	in specie	n/a ORD 5,395	5,395
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56 ORD 19,178	19,178
17-Jun-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.57 ORD -8,577	-8,577
17-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.61 ORD -20,545	-20,545
17-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.61 ORD 11,229	11,229
17-Jun-22	BlackRock Fund Advisors	on mkt buy	4.61 ORD 6,679	6,679
17-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	4.61 ORD -4,585	-4,585
17-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.61 ORD 12,073	12,073
17-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.61 ORD 192,761	192,761
17-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.61 ORD -14,514	-14,514
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.59 ORD 3,059	3,059
17-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 820	4,100
17-Jun-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -207	-1,035

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
20-Jun-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.67	ORD 8,508	8,508
21-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD -80,416	-80,416
21-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.68	ORD 2,851	2,851
21-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.70	ORD -16,436	-16,436
21-Jun-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.70	ORD 8,508	8,508
21-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 17,100	17,100
21-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.70	ORD -10,882	-10,882
21-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 795	795
21-Jun-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.70	ORD -5,699	-5,699
21-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	ORD 27,862	27,862
21-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,026	20,130
21-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -86	-430
22-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 48,344	48,344
22-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 14,109	14,109
22-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 9,406	9,406
22-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 14,109	14,109
22-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 5,260	5,260
22-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 4,208	4,208
22-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.73	ORD 21,693	21,693
22-Jun-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.73	ORD -5,909	-5,909
22-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.74	ORD -3,486	-3,486
22-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.74	ORD -558	-558
22-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.74	ORD -539	-539
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 8,218	8,218
22-Jun-22	BlackRock Asset Management Deutschland AG	on mkt sell	4.73	ORD -204,144	-204,144
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -44	-44
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 7,284	7,284
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 1,560	1,560
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 2,850	2,850
22-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -4,769	-23,845
22-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 320	1,600
22-Jun-22	APERIO GROUP LLC	in specie	n/a	ORD 62,773	62,773
23-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD -11,530	-11,530
23-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 18,129	18,129
23-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78	ORD 19,050	19,050
23-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 7,284	7,284
23-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 1,998	1,998
23-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 795	795
23-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 5,885	29,425
23-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 532	2,660
24-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 19,608	19,608
24-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 5,988	5,988
24-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.83	ORD 19,579	19,579
24-Jun-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.83	ORD 10,220	10,220
24-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,403	2,403
24-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,528	22,640
24-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 691	3,455
27-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 5,270	5,270
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 780	780
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -8,218	-8,218

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27-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	4.85	ORD	-1,374	-1,374
27-Jun-22	BlackRock Fund Advisors	on mkt buy	4.85	ORD	2,323	2,323
27-Jun-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.85	ORD	-1,770	-1,770
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.86	ORD	-7,348	-7,348
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.86	ORD	-459	-459
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD	10,880	10,880
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.86	ORD	-10,846	-10,846
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.86	ORD	-16,269	-16,269
27-Jun-22	BlackRock Fund Advisors	on mkt buy	4.86	ORD	1,552	1,552
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD	13,783	13,783
27-Jun-22	BLACKROCK ADVISORS LLC	on mkt sell	4.86	ORD	-23,442	-23,442
27-Jun-22	BLACKROCK ADVISORS LLC	on mkt sell	4.86	ORD	-9,007	-9,007
27-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	4.86	ORD	-20,302	-20,302
27-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	1	1
27-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,141,611	5,708,055
27-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	58,383	291,915
27-Jun-22	APERIO GROUP LLC	in specie	n/a	ORD	1,963,378	1,963,378
28-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,612	1,612
28-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83	ORD	17,977	17,977
28-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD	-49,308	-49,308
28-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD	-42,948	-42,948
28-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	16	16
28-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	4.80	ORD	-2,589	-2,589
28-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	894	894
28-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	8,536	8,536
28-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	37,050	37,050
28-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD	-5,428	-5,428
28-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD	-23,861	-23,861
28-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	4.80	ORD	3,118	3,118
28-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	4.80	ORD	4,572	4,572
28-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.80	ORD	24,756	24,756
28-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD	-38,360	-38,360
28-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-1	-1
28-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,131,145	-5,655,725
28-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-56,057	-280,285
28-Jun-22	APERIO GROUP LLC	in specie	n/a	ORD	-1,963,378	-1,963,378
29-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD	10,353	10,353
29-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD	17,654	17,654
29-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD	138,304	138,304
29-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD	2,725	2,725
29-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD	449	449
29-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.76	ORD	439	439
29-Jun-22	BLACKROCK ADVISORS LLC	on mkt sell	4.75	ORD	-19,056	-19,056
29-Jun-22	BLACKROCK ADVISORS LLC	on mkt sell	4.75	ORD	-5,459	-5,459
29-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD	-21,756	-21,756
29-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD	265	265

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
29-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	4.75	ORD -4,610	-4,610
29-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	4.75	ORD -17,307	-17,307
29-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -19,104	-19,104
29-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 265	265
29-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 684,918	684,918
29-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,820	-14,100
29-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 635	3,175
30-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,684	2,684
30-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,684	2,684
30-Jun-22	BlackRock Fund Advisors	in specie	n/a	ORD 4,938	4,938
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 27,304	27,304
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 53,983	53,983
30-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 5,440	5,440
30-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD 2,333	2,333
30-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD -530	-530
30-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	4.80	ORD -40,794	-40,794
30-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD -98,060	-98,060
30-Jun-22	BlackRock Investment Management, LLC	on mkt sell	4.80	ORD -17,470	-17,470
30-Jun-22	BlackRock Fund Advisors	on mkt buy	4.80	ORD 1,335	1,335
30-Jun-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.80	ORD 13,518	13,518
30-Jun-22	BlackRock Investment Management, LLC	on mkt sell	4.80	ORD -1,498	-1,498
30-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	4.80	ORD -3,500	-3,500
30-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.80	ORD -8,410	-8,410
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.79	ORD -5,047	-5,047
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.79	ORD -5,206	-5,206
30-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -684,850	-684,850
30-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 612	3,060
30-Jun-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 258	1,290
01-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD 19,912	19,912
01-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78	ORD 67,506	67,506
01-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78	ORD 114,676	114,676
01-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 5,429	5,429
01-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.83	ORD 10,858	10,858
01-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.83	ORD -3,402	-3,402
01-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.83	ORD -25,384	-25,384
01-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.83	ORD -15,364	-15,364
01-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.83	ORD -1,428	-1,428
01-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -68	-68
01-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,607	18,035
01-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -60	-300
04-Jul-22	BlackRock Fund Advisors	on mkt sell	4.86	ORD -66,647	-66,647
04-Jul-22	BlackRock Investment Management, LLC	on mkt buy	4.88	ORD 16,355	16,355
04-Jul-22	BlackRock Fund Advisors	on mkt buy	4.88	ORD 754	754
04-Jul-22	BlackRock Fund Advisors	on mkt buy	4.88	ORD 148,914	148,914
05-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.87	ORD -337,168	-337,168
05-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	ORD 17,697	17,697

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05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 16	16
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.87 ORD -4,892	-4,892
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 5,398	5,398
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 2,850	2,850
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 8,550	8,550
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 5,430	5,430
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 5,430	5,430
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 10,860	10,860
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 10,860	10,860
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 3,461	3,461
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 3,382	3,382
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.87 ORD 15,070	15,070
05-Jul-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -894	-4,470
05-Jul-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -873	-4,365
06-Jul-22	BlackRock Fund Advisors	in specie	n/a ORD -11,468	-11,468
06-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92 ORD 40,082	40,082
06-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.93 ORD 138,669	138,669
06-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.94 ORD 1,363	1,363
06-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.94 ORD 167	167
06-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.94 ORD 163	163
06-Jul-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.92 ORD 9,362	9,362
06-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93 ORD 8,110	8,110
06-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.95 ORD 14,687	14,687
06-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.95 ORD 5,425	5,425
06-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.95 ORD 10,850	10,850
06-Jul-22	BLACKROCK ADVISORS LLC	on mkt sell	4.95 ORD -8,135	-8,135
06-Jul-22	BlackRock Fund Advisors	on mkt buy	4.95 ORD 689	689
06-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.95 ORD -103,266	-103,266
06-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	4.95 ORD -12,413	-12,413
06-Jul-22	BlackRock Fund Advisors	in specie	n/a ORD -6,250	-6,250
06-Jul-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 687	3,435
06-Jul-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 418	2,090
06-Jul-22	APERIO GROUP LLC	in specie	n/a ORD -77,634	-77,634
07-Jul-22	BlackRock Fund Advisors	in specie	n/a ORD 838	838
07-Jul-22	BlackRock Investment Management, LLC	on mkt sell	4.92 ORD -1,672	-1,672
07-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.95 ORD -2,053	-2,053
07-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94 ORD 1,570	1,570
07-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.91 ORD 4	4
07-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.91 ORD -1,009	-1,009
07-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.92 ORD 39,900	39,900
07-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.91 ORD 8,550	8,550
07-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.91 ORD 25,650	25,650
07-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.91 ORD 5,433	5,433
07-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.91 ORD 27,165	27,165
07-Jul-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.91 ORD 5,557	5,557
07-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.91 ORD 4,712	4,712
07-Jul-22	BlackRock Asset Management Canada Limited	on mkt buy	4.91 ORD 1,405	1,405
07-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91 ORD 184,049	184,049
07-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.91 ORD -167,804	-167,804

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07-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,209,942	1,209,942
07-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,298	-11,490
07-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,124	5,620
08-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	ORD	-503	-503
08-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	ORD	-85	-85
08-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	ORD	-33	-33
08-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.88	ORD	-5,411	-5,411
08-Jul-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.93	ORD	1,594	1,594
08-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.93	ORD	-888	-888
08-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.93	ORD	-957	-957
08-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD	8,550	8,550
08-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD	16,230	16,230
08-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93	ORD	-22,596	-22,596
08-Jul-22	BlackRock Fund Advisors	on mkt buy	4.93	ORD	6,940	6,940
08-Jul-22	BlackRock Asset Management Deutschland AG	on mkt buy	4.93	ORD	9,410	9,410
08-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD	10,514	10,514
08-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD	3,276	3,276
08-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,209,740	-1,209,740
08-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,203,530	1,203,530
08-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,822	14,110
08-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	187	935
11-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	23,472	23,472
11-Jul-22	BlackRock Investment Management, LLC	on mkt sell	4.90	ORD	-1,271	-1,271
11-Jul-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.89	ORD	6,154	6,154
11-Jul-22	BLACKROCK ADVISORS LLC	on mkt sell	4.90	ORD	-7,142	-7,142
11-Jul-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.90	ORD	22,728	22,728
11-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	8,550	8,550
11-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	4.90	ORD	-8,618	-8,618
11-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.90	ORD	1,118	1,118
11-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-33,410	-33,410
11-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,046	20,230
11-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,498	7,490
12-Jul-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.00	ORD	2,998	2,998
12-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD	10,822	10,822
12-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	107,174	107,174
12-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-115,816	-115,816
12-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-3,657	-18,285
12-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	37	185
13-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	54,163	54,163
13-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	17,463	17,463
13-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	67,704	67,704
13-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.06	ORD	5,447	5,447
13-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.06	ORD	851	851
13-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.06	ORD	819	819

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
13-Jul-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.06	ORD	23,695	23,695
13-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.06	ORD	26,766	26,766
13-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD	4,109	4,109
13-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD	780	780
13-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD	5,418	5,418
13-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.06	ORD	-166,624	-166,624
13-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD	-7,151	-7,151
13-Jul-22	BlackRock Investment Management, LLC	on mkt sell	5.06	ORD	-3,449	-3,449
13-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.06	ORD	-8,545	-8,545
13-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	725,499	725,499
13-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-754,304	-754,304
13-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,604	18,020
13-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	109	545
13-Jul-22	APERIO GROUP LLC	in specie	n/a	ORD	1,300	1,300
14-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.03	ORD	4,455	4,455
14-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD	-26,472	-26,472
14-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD	957	957
14-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD	780	780
14-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD	5,412	5,412
14-Jul-22	BlackRock Investment Management, LLC	on mkt sell	5.05	ORD	-3,197	-3,197
14-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.05	ORD	6,003	6,003
14-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-763,953	-763,953
14-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	763,470	763,470
14-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,567	7,835
14-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	777	3,885
15-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	-11,736	-11,736
15-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	13,494	13,494
15-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.06	ORD	31,547	31,547
15-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.06	ORD	28,737	28,737
15-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD	-2,085	-2,085
15-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD	-324	-324
15-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD	-333	-333
15-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.06	ORD	9,388	9,388
15-Jul-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.06	ORD	2,435	2,435
15-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	ORD	-445,509	-445,509
15-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	5,700	5,700
15-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	10,826	10,826
15-Jul-22	BLACKROCK ADVISORS LLC	on mkt sell	5.02	ORD	-6,578	-6,578
15-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	5.02	ORD	-6,100	-6,100
15-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,065,370	1,065,370
15-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,063,470	-1,063,470
15-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5,672	28,360
15-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	527	2,635
18-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	9,600	9,600
18-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD	732	732
18-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD	732	732
18-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD	1,464	1,464
18-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD	32,478	32,478
18-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-3,353	-3,353

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18-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	2,902	2,902
18-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-160	-800
18-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	298	1,490
19-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	15,886	15,886
19-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	-23,472	-23,472
19-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,902	4,902
19-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.03	ORD	-149,778	-149,778
19-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD	-139,043	-139,043
19-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	16,694	16,694
19-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	15,246	15,246
19-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	ORD	147,799	147,799
19-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD	-49,308	-49,308
19-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	12	12
19-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	1,320	1,320
19-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	775	775
19-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	5,415	5,415
19-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	10,830	10,830
19-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	3,462	3,462
19-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	13,848	13,848
19-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	6,408	6,408
19-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,317	16,585
19-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,202	-6,010
19-Jul-22	APERIO GROUP LLC	in specie	n/a	ORD	115,233	115,233
20-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	14,571	14,571
20-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.04	ORD	-41,917	-41,917
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD	-36,374	-36,374
20-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	ORD	-443,504	-443,504
20-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.02	ORD	-157,981	-157,981
20-Jul-22	BlackRock Fund Advisors	on mkt sell	5.02	ORD	-531	-531
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	1,705	1,705
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	1,329	1,329
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	957	957
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD	-1,550	-1,550
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	8,550	8,550
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	9,786	9,786
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	3,262	3,262
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	3,262	3,262
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	1,364	1,364
20-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	-68,616	-68,616
20-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-2,952	-2,952
20-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	6,126	30,630
20-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	766	3,830
20-Jul-22	APERIO GROUP LLC	in specie	n/a	ORD	-115,233	-115,233
21-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,634	1,634
21-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	3,992	3,992
21-Jul-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.00	ORD	8,604	8,604
21-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-8,824	-8,824
21-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-1,550	-1,550
21-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-4,549	-4,549
21-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-5,415	-5,415
21-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-16,245	-16,245
21-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	2,140	2,140
21-Jul-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.05	ORD	3,632	3,632

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21-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-424,312	-424,312
21-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	417,288	417,288
21-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,646	8,230
21-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	360	1,800
22-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	36,528	36,528
22-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	-24,290	-24,290
22-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.96	ORD	1,015	1,015
22-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.96	ORD	195	195
22-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.96	ORD	218	218
22-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.95	ORD	5,852	5,852
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.96	ORD	-8,218	-8,218
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	2,373	2,373
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.96	ORD	-957	-957
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.96	ORD	-775	-775
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.96	ORD	-775	-775
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.96	ORD	-13,644	-13,644
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.96	ORD	-4,548	-4,548
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	5,700	5,700
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.96	ORD	-5,414	-5,414
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	3,260	3,260
22-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.96	ORD	-79,347	-79,347
22-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	4.96	ORD	-5,498	-5,498
22-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	-34,006	-34,006
22-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	415,356	415,356
22-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-417,286	-417,286
22-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	6,925	34,625
22-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	249	1,245
25-Jul-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	57,119	57,119
25-Jul-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	41,546	41,546
25-Jul-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	70,547	70,547
25-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,791	1,791
25-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,194	1,194
25-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD	-20,545	-20,545
25-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.97	ORD	-18,627	-18,627
25-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD	-1,550	-1,550
25-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD	-4,755	-4,755
25-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	3,261	3,261
25-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.97	ORD	-4,536	-4,536
25-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-716,280	-716,280
25-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	706,564	706,564
25-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	6,244	31,220
25-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,530	7,650
26-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	-14,337	-14,337
26-Jul-22	BLACKROCK ADVISORS LLC	on mkt sell	5.05	ORD	-9,837	-9,837
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD	2,428	2,428
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD	-961	-961
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD	-1,922	-1,922
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD	-1,550	-1,550
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD	-2,850	-2,850
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD	-4,755	-4,755
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD	-4,755	-4,755
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD	-9,510	-9,510

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26-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	5.05	ORD	-7,312	-7,312
26-Jul-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.05	ORD	5,548	5,548
26-Jul-22	BlackRock Asset Management Canada Limited	on mkt buy	5.05	ORD	88,939	88,939
26-Jul-22	BLACKROCK ADVISORS LLC	on mkt buy	5.05	ORD	32,102	32,102
26-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.05	ORD	-1,313	-1,313
26-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	701,560	701,560
26-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-706,566	-706,566
26-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,175	15,875
26-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	13	65
27-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	-9,520	-9,520
27-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	20,706	20,706
27-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	10,404	10,404
27-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	ORD	1,114	1,114
27-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	ORD	206	206
27-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	ORD	177	177
27-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.06	ORD	1,089	1,089
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-4,109	-4,109
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-775	-775
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-1,550	-1,550
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-1,550	-1,550
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-4,545	-4,545
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-9,508	-9,508
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-9,508	-9,508
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-1,060	-1,060
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	3,408	3,408
27-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	ORD	-137,064	-137,064
27-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,020,456	1,020,456
27-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	116,264	116,264
27-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,298	16,490
27-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	515	2,575
28-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	-9,518	-9,518
28-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.04	ORD	-464,873	-464,873
28-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.04	ORD	-1,483	-1,483
28-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	ORD	-1,022	-1,022
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	1,635	1,635
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD	-1,930	-1,930
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD	-2,340	-2,340
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD	-1,560	-1,560
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD	-4,544	-4,544
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD	-4,544	-4,544
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	2,850	2,850
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD	-4,752	-4,752
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD	-9,504	-9,504
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	2,348	2,348
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	3,262	3,262
28-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.04	ORD	-20,676	-20,676
28-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	87,698	87,698
28-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-94,054	-94,054
28-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,773	18,865
28-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	838	4,190
29-Jul-22	BlackRock Fund Advisors	in specie	n/a	ORD	26,928	26,928

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29-Jul-22	BlackRock Fund Advisors	on mkt buy	5.02	ORD	8,043	8,043
29-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.04	ORD	-2,379	-2,379
29-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08	ORD	-573	-573
29-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08	ORD	-122	-122
29-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08	ORD	-109	-109
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	8,218	8,218
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-29,376	-29,376
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	3,642	3,642
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	4,856	4,856
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	2,934	2,934
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	2,230	2,230
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-13,626	-13,626
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-4,752	-4,752
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-9,504	-9,504
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	3,409	3,409
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-4,593	-4,593
29-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.10	ORD	-3,511	-3,511
29-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD	1,519	1,519
29-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-95,271	-95,271
29-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.06	ORD	-50,586	-50,586
29-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,129,782	-1,129,782
29-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,110,722	1,110,722
29-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,357	16,785
29-Jul-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,047	5,235
01-Aug-22	BlackRock Fund Advisors	on mkt buy	5.07	ORD	1,218	1,218
01-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	29,372	29,372
01-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	16,238	16,238
01-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD	-1,552	-1,552
01-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD	-4,751	-4,751
01-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD	-14,253	-14,253
01-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	9,470	9,470
01-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	169,290	169,290
01-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-51,554	-51,554
01-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-51,554	-51,554
01-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,837	24,185
01-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	965	4,825
02-Aug-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	82,900	82,900
02-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	20,814	20,814
02-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD	9,511	9,511
02-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD	-946	-946
02-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD	-1,552	-1,552
02-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD	-4,539	-4,539
02-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD	-4,539	-4,539
02-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD	-4,738	-4,738
02-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD	-9,476	-9,476
02-Aug-22	BlackRock Fund Advisors	on mkt buy	5.09	ORD	41,372	41,372
02-Aug-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-8,510	-8,510
02-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-741,638	-741,638
02-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	1,074,740	1,074,740
02-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-346,375	-346,375
02-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,954	24,770
02-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	519	2,595

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03-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD 84,645 84,645
03-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD 9,808 9,808
03-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD -11,424 -11,424
03-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.14	ORD 2,548 2,548
03-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.14	ORD 447 447
03-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.14	ORD 413 413
03-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD -4,109 -4,109
03-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 1,011 1,011
03-Aug-22	BlackRock Fund Advisors	on mkt buy	5.18	ORD 48,407 48,407
03-Aug-22	BlackRock Asset Management Canada Limited	on mkt buy	5.18	ORD 5,094 5,094
03-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD -31,050 -31,050
03-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -13,168 -13,168
03-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -13,170 -13,170
03-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 8,993 44,965
03-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 319 1,595
04-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD -14,796 -14,796
04-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,239 1,239
04-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD 4,902 4,902
04-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD 8,424 8,424
04-Aug-22	BlackRock Asset Management North Asia Limited	on mkt sell	5.17	ORD -22,343 -22,343
04-Aug-22	BlackRock Fund Advisors	on mkt buy	5.16	ORD 31,287 31,287
04-Aug-22	BlackRock Fund Advisors	on mkt buy	5.16	ORD 1,873 1,873
04-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 20 20
04-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 2,359 2,359
04-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -8,536 -8,536
04-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -45,664 -45,664
04-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 4,737 4,737
04-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 4,737 4,737
04-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 737,348 737,348
04-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -1,061,570 -1,061,570
04-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 328,923 328,923
04-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 835 4,175
04-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 420 2,100
05-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD -9,556 -9,556
05-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.21	ORD -1,093 -1,093
05-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.21	ORD -150 -150
05-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.21	ORD -162 -162
05-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -4,109 -4,109
05-Aug-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.23	ORD 25,812 25,812
05-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.20	ORD 96 96
05-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD 4 4
05-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -966 -966
05-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD 892 892
05-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.21	ORD 885 885
05-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD 13,600 13,600
05-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -6,070 -6,070
05-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -6,076 -6,076
05-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 5,625 28,125
05-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,997 9,985
08-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -252,540 -252,540
08-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 251,740 251,740

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08-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-796	-796
08-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5,688	28,440
08-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	904	4,520
09-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10	ORD	-997	-997
09-Aug-22	BLACKROCK ADVISORS LLC	on mkt sell	5.12	ORD	-6,843	-6,843
09-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	3,409	3,409
09-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD	8,921	8,921
09-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	244,556	244,556
09-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-251,740	-251,740
09-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-7,194	-7,194
09-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-324	-1,620
09-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	476	2,380
10-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	84,683	84,683
10-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,258	1,258
10-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	53,922	53,922
10-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-558	-558
10-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-93	-93
10-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-76	-76
10-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD	418	418
10-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD	-4,109	-4,109
10-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD	-5,710	-5,710
10-Aug-22	BlackRock Investment Management, LLC	on mkt sell	5.12	ORD	-15,229	-15,229
10-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	-31,422	-31,422
10-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-5,686	-5,686
10-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-5,680	-5,680
10-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,292	11,460
10-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	608	3,040
11-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	-26,408	-26,408
11-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	-1,791	-1,791
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.09	ORD	-313,259	-313,259
11-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.09	ORD	-2,585	-2,585
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	ORD	885	885
11-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	676	676
11-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD	-1,932	-1,932
11-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	3,409	3,409
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	ORD	885	885
11-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,032,780	1,032,780
11-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,044,180	-1,044,180
11-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	393	1,965
11-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	195	975
12-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	3,271	3,271
12-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-479	-479
12-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-89	-89
12-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-78	-78
12-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD	2,028	2,028
12-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD	23,770	23,770
12-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.14	ORD	-195	-195
12-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.14	ORD	-9,335	-9,335
12-Aug-22	BlackRock Fund Advisors	on mkt buy	5.14	ORD	30,446	30,446

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12-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.14	ORD	-265	-265
12-Aug-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	37,298	37,298
12-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-16,692	-16,692
12-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,043	-10,215
12-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	378	1,890
12-Aug-22	APERIO GROUP LLC	in specie	n/a	ORD	-5,365	-5,365
15-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	6,125	6,125
15-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	676	676
15-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	3,380	3,380
15-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD	-8,565	-8,565
15-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD	-4,755	-4,755
15-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-859,030	-859,030
15-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	850,068	850,068
15-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,220	16,100
15-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	351	1,755
16-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	42,707	42,707
16-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	-26,310	-26,310
16-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD	458	458
16-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.14	ORD	-14,265	-14,265
16-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	232,456	232,456
16-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	7	7
16-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-239,174	-239,174
16-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,904	24,520
16-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	162	810
17-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17	ORD	2,293	2,293
17-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17	ORD	356	356
17-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17	ORD	340	340
17-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.18	ORD	3,174	3,174
17-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD	-1,778	-1,778
17-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	602,436	602,436
17-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-7	-7
17-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-610,894	-610,894
17-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	582	2,910
17-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-576	-2,880
18-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	3,630	3,630
18-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.30	ORD	-4	-4
18-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD	2,855	2,855
18-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.30	ORD	-4,754	-4,754
18-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.30	ORD	-13,276	-13,276
18-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,005,240	-1,005,240
18-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	987,928	987,928
18-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5,048	25,240
18-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,318	6,590
19-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.28	ORD	6,767	6,767
19-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-4,109	-4,109
19-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	8	8
19-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	3,320	3,320
19-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	13,280	13,280
19-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD	-13,923	-13,923
19-Aug-22	BlackRock Fund Advisors	on mkt buy	5.25	ORD	31,257	31,257
19-Aug-22	BlackRock Fund Advisors	on mkt buy	5.25	ORD	41,576	41,576
19-Aug-22	BlackRock Investment Management, LLC	on mkt buy	5.25	ORD	977	977
19-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	-51,970	-51,970
19-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	981,486	981,486
19-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-987,922	-987,922

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19-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,375	11,875
19-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	344	1,720
22-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	84,683	84,683
22-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	84,683	84,683
22-Aug-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.32	ORD	-10,634	-10,634
22-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.31	ORD	1,530	1,530
22-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.31	ORD	273	273
22-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.31	ORD	273	273
22-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.31	ORD	-4,140	-4,140
22-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.31	ORD	4,109	4,109
22-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.31	ORD	-14,694	-14,694
22-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.31	ORD	-970	-970
22-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.31	ORD	3,320	3,320
22-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.31	ORD	-444	-444
22-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.31	ORD	-1,181	-1,181
22-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.31	ORD	-126	-126
22-Aug-22	BlackRock Investment Management, LLC	on mkt buy	5.31	ORD	1,307	1,307
22-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.31	ORD	885	885
22-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	169,366	169,366
22-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-22,834	-22,834
22-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-6	-6
22-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,092	5,460
22-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	611	3,055
23-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	84,683	84,683
23-Aug-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.28	ORD	-17,176	-17,176
23-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.29	ORD	151,648	151,648
23-Aug-22	BlackRock Investment Management, LLC	on mkt buy	5.29	ORD	992	992
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD	4,109	4,109
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.30	ORD	-12	-12
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.30	ORD	-970	-970
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.30	ORD	-904	-904
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD	2,855	2,855
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD	2,855	2,855
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD	5,710	5,710
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD	4,754	4,754
23-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,002,886	-1,002,886
23-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	986,646	986,646
23-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,784	23,920
23-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	436	2,180
24-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	10,890	10,890
24-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,840	4,840
24-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.38	ORD	-2,391	-2,391
24-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.38	ORD	-39,612	-39,612
24-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	367,724	367,724
24-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-384,430	-384,430
24-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,429	12,145
24-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,160	5,800
25-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	-84,683	-84,683
25-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,911	1,911
25-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.36	ORD	1,313	1,313
25-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.36	ORD	2,855	2,855
25-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.36	ORD	2,855	2,855

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25-Aug-22	BlackRock Asset Management Canada Limited	on mkt sell	5.36	ORD	-4,248	-4,248
25-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.36	ORD	-4,916	-4,916
25-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	601,170	601,170
25-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-602,216	-602,216
25-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	180	900
26-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	-84,683	-84,683
26-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,851	1,851
26-Aug-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.37	ORD	40,292	40,292
26-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.32	ORD	1,935	1,935
26-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.32	ORD	345	345
26-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.32	ORD	345	345
26-Aug-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.32	ORD	-1,913	-1,913
26-Aug-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.32	ORD	-5,651	-5,651
26-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.33	ORD	-5,731	-5,731
26-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.33	ORD	-16,974	-16,974
26-Aug-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.34	ORD	-9,362	-9,362
26-Aug-22	BlackRock Investment Management, LLC	on mkt buy	5.27	ORD	2,095	2,095
26-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-826	-826
26-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	2	2
26-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,078	-5,390
26-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	632	3,160
29-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	-169,366	-169,366
29-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	5,235	5,235
29-Aug-22	BLACKROCK ADVISORS LLC	on mkt sell	5.29	ORD	-6,273	-6,273
29-Aug-22	BlackRock Investment Management, LLC	on mkt buy	5.29	ORD	2,045	2,045
29-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	7,329	7,329
29-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	16,158	16,158
29-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	130,432	130,432
29-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	153,546	153,546
29-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,207	21,035
29-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,249	6,245
29-Aug-22	APERIO GROUP LLC	in specie	n/a	ORD	1,464	1,464
30-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	-6,085	-6,085
30-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,266	1,266
30-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.35	ORD	3,925	3,925
30-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.33	ORD	-13,130	-13,130
30-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.33	ORD	11,817	11,817
30-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-30,512	-30,512
30-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-130,434	-130,434
30-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	684,410	684,410
30-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	350	1,750
30-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	415	2,075
31-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD	-9,440	-9,440
31-Aug-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.40	ORD	-4,787	-4,787
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.41	ORD	-6,099	-6,099
31-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.42	ORD	-29,221	-29,221

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31-Aug-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.42	ORD -41,974	-41,974
31-Aug-22	BlackRock Asset Management Canada Limited	on mkt sell	5.42	ORD -136,554	-136,554
31-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.42	ORD -3,851	-3,851
31-Aug-22	BlackRock Fund Advisors	on mkt sell	5.42	ORD -231,640	-231,640
31-Aug-22	BlackRock Investment Management, LLC	on mkt sell	5.42	ORD -4,504	-4,504
31-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.42	ORD -27,600	-27,600
31-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.42	ORD 8,218	8,218
31-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	5.42	ORD -779	-779
31-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.42	ORD 2,855	2,855
31-Aug-22	BlackRock Japan Co., Ltd.	on mkt buy	5.42	ORD 12,012	12,012
31-Aug-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.42	ORD -19,346	-19,346
31-Aug-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.42	ORD 147,559	147,559
31-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.42	ORD 17,826	17,826
31-Aug-22	BlackRock Fund Advisors	on mkt buy	5.42	ORD 3,100	3,100
31-Aug-22	BlackRock Fund Advisors	on mkt buy	5.42	ORD 755	755
31-Aug-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.42	ORD 29,451	29,451
31-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.42	ORD 28,616	28,616
31-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	5.42	ORD 247	247
31-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.42	ORD 15,304	15,304
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD 11,242	11,242
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD 5,543	5,543
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD 93	93
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD 11,930	11,930
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.42	ORD -28,388	-28,388
31-Aug-22	BlackRock Fund Advisors	on mkt buy	5.42	ORD 10,577	10,577
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD 157,561	157,561
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD 77,688	77,688
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.42	ORD -376,528	-376,528
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.42	ORD -9,423	-9,423
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD 1,308	1,308
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD 167,205	167,205
31-Aug-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 70,775	70,775
31-Aug-22	BlackRock Fund Advisors	in specie	n/a	ORD -254,049	-254,049
31-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -13,137	-13,137
31-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -837,956	-837,956
31-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,326	21,630
31-Aug-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 118	590
31-Aug-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -10,297	-10,297
31-Aug-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -11,993	-11,993
31-Aug-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -35,923	-35,923

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
31-Aug-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-38,366	-38,366
01-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD	-6,860	-6,860
01-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.35	ORD	2,855	2,855
01-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.35	ORD	5,710	5,710
01-Sep-22	BlackRock Asset Management Canada Limited	on mkt buy	5.35	ORD	4,134	4,134
01-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	ORD	3,555	3,555
01-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-596,470	-596,470
01-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	619,348	619,348
01-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	8,943	44,715
01-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	573	2,865
02-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD	2,532	2,532
02-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.30	ORD	965	965
02-Sep-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.32	ORD	-3,683	-3,683
02-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.36	ORD	4,192	4,192
02-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.36	ORD	709	709
02-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.36	ORD	704	704
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.38	ORD	14,960	14,960
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.38	ORD	6,640	6,640
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.38	ORD	-1,362	-1,362
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.38	ORD	-908	-908
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.38	ORD	-23,600	-23,600
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.38	ORD	3,252	3,252
02-Sep-22	BlackRock Investment Management, LLC	on mkt buy	5.38	ORD	1,021	1,021
02-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.38	ORD	13,479	13,479
02-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	596,972	596,972
02-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	3,470	3,470
02-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-619,348	-619,348
02-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,275,588	6,377,940
02-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	81,544	407,720
02-Sep-22	APERIO GROUP LLC	in specie	n/a	ORD	1,862,467	1,862,467
05-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.41	ORD	-21,153	-21,153
05-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.42	ORD	-628	-628
05-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.42	ORD	-88	-88
05-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.42	ORD	-87	-87
05-Sep-22	BlackRock Investment Management, LLC	on mkt buy	5.43	ORD	6,143	6,143
05-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-330,618	-330,618
05-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	426,826	426,826
06-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-546,614	-546,614
06-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	951,450	951,450
06-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-426,826	-426,826
06-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,257,199	-6,285,995
06-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-80,390	-401,950
06-Sep-22	APERIO GROUP LLC	in specie	n/a	ORD	-1,872,805	-1,872,805
07-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD	587	587
07-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD	116	116
07-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD	91	91

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07-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.39	ORD	-27,898	-27,898
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.41	ORD	-4,832	-4,832
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.41	ORD	-453	-453
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.41	ORD	-1,812	-1,812
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.41	ORD	5,208	5,208
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.41	ORD	4,719	4,719
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.41	ORD	-530	-530
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.41	ORD	3,412	3,412
07-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.41	ORD	598	598
07-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.39	ORD	885	885
07-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	272,582	272,582
07-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-951,450	-951,450
07-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	667,129	667,129
07-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	10,746	53,730
07-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	174	870
08-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD	-4,431	-4,431
08-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD	2,684	2,684
08-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.47	ORD	-30,866	-30,866
08-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.48	ORD	-128,287	-128,287
08-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.48	ORD	2,428	2,428
08-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.48	ORD	-1,353	-1,353
08-Sep-22	BlackRock Fund Advisors	on mkt buy	5.48	ORD	40,190	40,190
08-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.48	ORD	9,553	9,553
08-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,063,262	-1,063,262
08-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	941,616	941,616
08-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	113,716	113,716
08-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	9,267	46,335
08-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	692	3,460
09-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD	-5,778	-5,778
09-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD	11,000	11,000
09-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.44	ORD	-19,982	-19,982
09-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.47	ORD	-10,563	-10,563
09-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.47	ORD	-30,672	-30,672
09-Sep-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.47	ORD	-6,925	-6,925
09-Sep-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.47	ORD	-7,059	-7,059
09-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.45	ORD	4	4
09-Sep-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	-13,280	-13,280
09-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,663,010	1,663,010
09-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-941,615	-941,615
09-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-780,845	-780,845
09-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	7,167	35,835
09-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	365	1,825
12-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD	-5,710	-5,710
12-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD	42,791	42,791
12-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.45	ORD	4,720	4,720
12-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.45	ORD	-3,259	-3,259
12-Sep-22	BlackRock Fund Advisors	on mkt buy	5.45	ORD	43,092	43,092
12-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	63,169	63,169
12-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	177,505	177,505

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12-Sep-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	6,574 32,870
12-Sep-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	722 3,610
13-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD	42,791 42,791
13-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD	-4,938 -4,938
13-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.44 ORD	-43,235 -43,235
13-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.44 ORD	1,128 1,128
13-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD	-84,683 -84,683
13-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD	1,544 1,544
13-Sep-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	1,419 7,095
13-Sep-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	602 3,010
14-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD	5,245 5,245
14-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.32 ORD	-6,809 -6,809
14-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.32 ORD	-1,430 -1,430
14-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.32 ORD	-14,245 -14,245
14-Sep-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.32 ORD	-12,659 -12,659
14-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.32 ORD	-14,243 -14,243
14-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.32 ORD	-167 -167
14-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.32 ORD	-33 -33
14-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.32 ORD	-24 -24
14-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.32 ORD	-14,957 -14,957
14-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.32 ORD	-4,735 -4,735
14-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.32 ORD	-23,176 -23,176
14-Sep-22	BlackRock Asset Management Deutschland AG	on mkt sell	5.32 ORD	-22,471 -22,471
14-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.32 ORD	-10,409 -10,409
14-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.32 ORD	-36,822 -36,822
14-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD	-1,987,546 -1,987,546
14-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD	-180,976 -180,976
14-Sep-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	6,927 34,635
14-Sep-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	254 1,270
15-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD	1,234 1,234
15-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.13 ORD	3,227 3,227
15-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13 ORD	14,892 14,892
15-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13 ORD	2,602 2,602
15-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13 ORD	-4,734 -4,734
15-Sep-22	BlackRock Fund Advisors	on mkt buy	5.13 ORD	545 545
15-Sep-22	BlackRock Asset Management Canada Limited	on mkt buy	5.13 ORD	1,114 1,114
15-Sep-22	BlackRock Fund Advisors	on mkt sell	5.13 ORD	-2,591 -2,591
15-Sep-22	BlackRock Asset Management Canada Limited	on mkt sell	5.13 ORD	-1,309 -1,309
15-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.13 ORD	-3,538 -3,538
15-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.09 ORD	-885 -885
15-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.09 ORD	1,770 1,770
15-Sep-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	2,748 13,740
15-Sep-22	APERIO GROUP LLC	in specie	n/a ADR 5:1	156 780
16-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD	9,504 9,504
16-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD	-2,050 -2,050

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.06	ORD -14,759	-14,759
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.06	ORD -41,626	-41,626
16-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.05	ORD -11,680	-11,680
16-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD 2,602	2,602
16-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD -22,267	-22,267
16-Sep-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.10	ORD 5,650	5,650
16-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.10	ORD -72,134	-72,134
16-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD -56,207	-56,207
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.02	ORD 363,210	363,210
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	ORD -4,874	-4,874
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.02	ORD 108,708	108,708
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.02	ORD 150,275	150,275
16-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD -57,380	-57,380
16-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,072	-15,360
16-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 349	1,745
19-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD 169,088	169,088
19-Sep-22	BlackRock Fund Advisors	on mkt sell	5.03	ORD -4,055	-4,055
19-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD -3,501	-3,501
19-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD -795	-795
19-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.03	ORD 687	687
19-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,003	-15,015
19-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -294	-1,470
20-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15	ORD 9,509	9,509
20-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD 4,650	4,650
20-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.17	ORD -3,287	-3,287
20-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17	ORD 30,493	30,493
20-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 960,440	960,440
20-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -5,519	-27,595
20-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 153	765
21-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD 7,399	7,399
21-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD -4,770	-4,770
21-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD -73,591	-73,591
21-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD -23,805	-23,805
21-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD -87,210	-87,210
21-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -1,460	-1,460
21-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -264	-264
21-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -246	-246
21-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -14,925	-14,925
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -32	-32
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 3,633	3,633
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -780	-780
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 5,204	5,204

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21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	4,740	4,740
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	4,740	4,740
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	9,480	9,480
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	3,445	3,445
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	1,263	1,263
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-23,251	-23,251
21-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-14,138	-14,138
21-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-25,669	-25,669
21-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	300	300
21-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	85,489	85,489
21-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,536	12,680
21-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	209	1,045
22-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD	19,464	19,464
22-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD	5,255	5,255
22-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,204	4,204
22-Sep-22	BlackRock Fund Advisors	on mkt buy	5.21	ORD	4,120	4,120
22-Sep-22	BlackRock Fund Advisors	on mkt buy	5.21	ORD	11,136	11,136
22-Sep-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.21	ORD	8,639	8,639
22-Sep-22	BlackRock Asset Management Canada Limited	on mkt buy	5.21	ORD	5,962	5,962
22-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	1,325	1,325
22-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD	-3,279	-3,279
22-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-960,740	-960,740
22-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-85,489	-85,489
22-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-6,603	-33,015
22-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-536	-2,680
23-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	3,143	3,143
23-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	506	506
23-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	515	515
23-Sep-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.11	ORD	-1,943	-1,943
23-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11	ORD	-5,987	-5,987
23-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11	ORD	-1,089	-1,089
23-Sep-22	BlackRock Fund Advisors	on mkt sell	5.09	ORD	-4,727	-4,727
23-Sep-22	BlackRock Fund Advisors	on mkt sell	5.09	ORD	-432,206	-432,206
23-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.09	ORD	-416	-416
23-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11	ORD	-28,109	-28,109
23-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	15,655	15,655
23-Sep-22	BlackRock Fund Advisors	on mkt buy	5.09	ORD	614	614
23-Sep-22	BlackRock Fund Advisors	on mkt buy	5.09	ORD	32,973	32,973
23-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD	-8,218	-8,218
23-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	4	4
23-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	ORD	1,398	1,398
23-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-5,286	-26,430
23-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-334	-1,670
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD	916	916
26-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-25,761	-128,805
26-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-287	-1,435
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.14	ORD	-15,261	-15,261
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD	-8	-8

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27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 3,624	3,624
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 2,090	2,090
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 1,946	1,946
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -780	-780
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 2,862	2,862
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 5,724	5,724
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 37,206	37,206
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 9,470	9,470
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 9,484	9,484
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -9,834	-9,834
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -13,112	-13,112
27-Sep-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.13	ORD 5,846	5,846
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 46,907	46,907
27-Sep-22	BlackRock Fund Advisors	on mkt buy	5.13	ORD 34,094	34,094
27-Sep-22	BlackRock Fund Advisors	on mkt buy	5.13	ORD 31,637	31,637
27-Sep-22	BlackRock Fund Advisors	on mkt buy	5.13	ORD 38,895	38,895
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 67,996	67,996
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 6,092	6,092
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -14,198	-14,198
27-Sep-22	BlackRock Fund Advisors	on mkt sell	5.13	ORD -935	-935
27-Sep-22	BlackRock Fund Advisors	on mkt sell	5.13	ORD -37,576	-37,576
27-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.13	ORD -5,404	-5,404
27-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.13	ORD -16,487	-16,487
27-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10	ORD -10,597	-10,597
27-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,427,517	1,427,517
27-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 488,457	488,457
27-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -12,227	-61,135
27-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -210	-1,050
28-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD -59,710	-59,710
28-Sep-22	BlackRock Fund Advisors	in specie	n/a	ORD 6,938	6,938
28-Sep-22	BlackRock Investment Management, LLC	on mkt sell	5.06	ORD -1,493	-1,493
28-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.01	ORD -79,921	-79,921
28-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.99	ORD -427	-427
28-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.99	ORD -60	-60
28-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.99	ORD -62	-62
28-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.00	ORD -67,647	-67,647
28-Sep-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.00	ORD -6,249	-6,249
28-Sep-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.00	ORD -6,154	-6,154
28-Sep-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.00	ORD -38,525	-38,525
28-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.01	ORD 1,603	1,603
28-Sep-22	BlackRock Fund Advisors	on mkt buy	4.97	ORD 5,591	5,591
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD -4,208	-4,208
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD 8	8
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD 2,428	2,428
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD -459	-459
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD -1,800	-1,800
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD -9,484	-9,484
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD 146	146
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD -1,130	-1,130

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28-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.97 ORD 6,403	6,403
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	4.97 ORD -900	-900
28-Sep-22	BlackRock Asset Management Canada Limited	on mkt sell	4.97 ORD -2,336	-2,336
28-Sep-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 820	4,100
28-Sep-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 688	3,440
28-Sep-22	APERIO GROUP LLC	in specie	n/a ORD 2,888	2,888
29-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD 1,821	1,821
29-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD 145,650	145,650
29-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD 19,664	19,664
29-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD 9,832	9,832
29-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD 5,295	5,295
29-Sep-22	BlackRock Fund Advisors	on mkt buy	5.08 ORD 11,699	11,699
29-Sep-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.10 ORD 19,456	19,456
29-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10 ORD -5,068	-5,068
29-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.11 ORD -4,208	-4,208
29-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.11 ORD 14,901	14,901
29-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.11 ORD 6,085	6,085
29-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.11 ORD -3,536	-3,536
29-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.11 ORD 4,113	4,113
29-Sep-22	BlackRock Fund Advisors	on mkt buy	5.11 ORD 6,736	6,736
29-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11 ORD 1,330	1,330
29-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10 ORD 6,110	6,110
29-Sep-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -25,226	-126,130
29-Sep-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -314	-1,570
29-Sep-22	APERIO GROUP LLC	in specie	n/a ORD 54,153	54,153
29-Sep-22	BlackRock Investment Management (UK) Limited	in specie	n/a ORD -70,775	-70,775
30-Sep-22	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -25,305	-25,305
30-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD 11,700	11,700
30-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD 133,929	133,929
30-Sep-22	BlackRock Fund Advisors	in specie	n/a ORD 9,280	9,280
30-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.05 ORD -61,258	-61,258
30-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.05 ORD -27,133	-27,133
30-Sep-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05 ORD -33,335	-33,335
30-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.05 ORD -17,971	-17,971
30-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.00 ORD -87,068	-87,068
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.00 ORD -22,271	-22,271
30-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.00 ORD -2,586	-2,586
30-Sep-22	BlackRock Asset Management Canada Limited	on mkt sell	5.00 ORD -3,445	-3,445
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.00 ORD -25,248	-25,248
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.00 ORD 12	12
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.00 ORD -1,788	-1,788
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	5.00 ORD 540	540
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	5.00 ORD -6,624	-6,624
30-Sep-22	BlackRock Asset Management Canada Limited	on mkt buy	5.00 ORD 1,233	1,233
30-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07 ORD 916	916
30-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD -15,048	-15,048

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30-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-25,360
30-Sep-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-7,020
30-Sep-22	BlackRock Investment Management, LLC	in specie	n/a	ORD	-11,015
03-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	23,376
03-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	5,300
03-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.04	ORD	-16,995
03-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	ORD	1,046
03-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	ORD	194
03-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	ORD	196
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD	14,898
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-29,796
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD	4
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD	12
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD	6,896
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-3,310
03-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.00	ORD	5,132
03-Oct-22	BlackRock Fund Advisors	on mkt buy	5.00	ORD	921
03-Oct-22	BlackRock Fund Advisors	on mkt buy	5.00	ORD	2,417
03-Oct-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.00	ORD	15,892
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD	13,819
03-Oct-22	BlackRock Fund Advisors	on mkt buy	5.00	ORD	50,178
03-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	ORD	3,405
03-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	ORD	1,379
03-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	61,354
03-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-132,910
03-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	375
04-Oct-22	BlackRock Fund Advisors	on mkt buy	5.08	ORD	8,840
04-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	14,691
04-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	9,794
04-Oct-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.13	ORD	8,715
04-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD	8
04-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD	458
04-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD	4,827
04-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD	4,827
04-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD	-1,269
04-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD	6,659
04-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD	6,719
04-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD	2,971
04-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	ORD	1,603
04-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-533,527
04-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	3
04-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	265
04-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-110
05-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	-4,515
05-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,216
05-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10	ORD	-29,458
05-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.10	ORD	6,068

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05-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-1,449	-1,449
05-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-276	-276
05-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-277	-277
05-Oct-22	BlackRock Japan Co., Ltd.	on mkt buy	5.11	ORD	96,978	96,978
05-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-5,318	-5,318
05-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-29,107	-29,107
05-Oct-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.12	ORD	-21,370	-21,370
05-Oct-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.12	ORD	-2,294	-2,294
05-Oct-22	BlackRock Asset Management North Asia Limited	on mkt buy	5.12	ORD	30,608	30,608
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	59,932	59,932
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	4	4
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	2,324	2,324
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD	-5,976	-5,976
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	918	918
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	2,295	2,295
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	2,868	2,868
05-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.12	ORD	18,830	18,830
05-Oct-22	BlackRock Asset Management Canada Limited	on mkt buy	5.12	ORD	5,619	5,619
05-Oct-22	BlackRock Asset Management Canada Limited	on mkt buy	5.12	ORD	1,398	1,398
05-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	6,305	6,305
05-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	533,511	533,511
05-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-3	-3
05-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-8,534	-42,670
05-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,903	9,515
06-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	-9,555	-9,555
06-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.09	ORD	-52,355	-52,355
06-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD	-12,624	-12,624
06-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	3,624	3,624
06-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	4,746	4,746
06-Oct-22	BlackRock Investment Management, LLC	on mkt buy	5.07	ORD	3,398	3,398
06-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.09	ORD	-6,411	-6,411
06-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1	1
06-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-128,805	-128,805
06-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	949,274	949,274
06-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-14,634	-73,170
06-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	946	4,730
07-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	19,268	19,268
07-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	2,684	2,684
07-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.06	ORD	1,167	1,167
07-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.06	ORD	124	124
07-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.06	ORD	121	121
07-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.08	ORD	-32,753	-32,753
07-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD	-16	-16
07-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD	456	456

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07-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD 5,016	5,016
07-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD 965	965
07-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD -4,746	-4,746
07-Oct-22	BlackRock Asset Management Canada Limited	on mkt buy	5.06	ORD 14,336	14,336
07-Oct-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -132,814	-132,814
07-Oct-22	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 132,814	132,814
07-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -1	-1
07-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -60	-60
07-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -949,274	-949,274
07-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -16,378	-81,890
07-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -951	-4,755
10-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD -1,930	-1,930
10-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD -36,296	-36,296
10-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD -19,438	-19,438
10-Oct-22	BlackRock Fund Advisors	on mkt buy	5.06	ORD 635	635
10-Oct-22	BlackRock Fund Advisors	on mkt buy	5.06	ORD 12,750	12,750
10-Oct-22	BlackRock Fund Advisors	on mkt buy	5.06	ORD 34,781	34,781
10-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -358,011	-358,011
10-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -41,190	-205,950
10-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,453	-17,265
11-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.06	ORD -27,585	-27,585
11-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.11	ORD 45,950	45,950
11-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 11,684	11,684
11-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 6,090	6,090
11-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 14,616	14,616
11-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 3,654	3,654
11-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.12	ORD 106,113	106,113
11-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 5,275	5,275
11-Oct-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.07	ORD -24,795	-24,795
11-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD 4,856	4,856
11-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD -40,152	-40,152
11-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD 813	813
11-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD -9,903	-9,903
11-Oct-22	BlackRock Fund Advisors	on mkt buy	5.12	ORD 14,477	14,477
11-Oct-22	BlackRock Fund Advisors	on mkt buy	5.12	ORD 28,342	28,342
11-Oct-22	BlackRock Fund Advisors	on mkt buy	5.12	ORD 35,079	35,079
11-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD 21,752	21,752
11-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD 6,553	6,553
11-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 7,408	7,408
11-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -2	-2
11-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -11,850	-59,250
11-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -39	-195
12-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD 726	726
12-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD 145	145
12-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD 147	147
12-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.09	ORD -17,764	-17,764
12-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -825	-825
12-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -18,984	-18,984

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12-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.13	ORD 39,701	39,701
12-Oct-22	BlackRock Investment Management, LLC	on mkt sell	5.13	ORD -38,787	-38,787
12-Oct-22	BlackRock Asset Management Canada Limited	on mkt sell	5.13	ORD -15,057	-15,057
12-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -6,107	-6,107
12-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD -31,608	-31,608
12-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 46,630	46,630
12-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -46,633	-46,633
12-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -10,797	-53,985
12-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -877	-4,385
12-Oct-22	APERIO GROUP LLC	in specie	n/a	ORD -49,860	-49,860
13-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 10,550	10,550
13-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 4,812	4,812
13-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.06	ORD -14,995	-14,995
13-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.06	ORD -121,646	-121,646
13-Oct-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.06	ORD -8,076	-8,076
13-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD -16,832	-16,832
13-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD 1,992	1,992
13-Oct-22	BlackRock Fund Advisors	on mkt buy	5.07	ORD 1,870	1,870
13-Oct-22	BlackRock Fund Advisors	on mkt buy	5.07	ORD 6,555	6,555
13-Oct-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.07	ORD 14,636	14,636
13-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD 21,655	21,655
13-Oct-22	BlackRock Asset Management Canada Limited	on mkt buy	5.07	ORD 4,414	4,414
13-Oct-22	BlackRock Fund Advisors	on mkt buy	5.07	ORD 80,477	80,477
13-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -11,544	-57,720
13-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,257	-16,285
14-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15	ORD 42,669	42,669
14-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.13	ORD -4,488	-4,488
14-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.13	ORD -8,690	-8,690
14-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 8	8
14-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 2,656	2,656
14-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 957	957
14-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 4,746	4,746
14-Oct-22	BLACKROCK ADVISORS LLC	on mkt sell	5.14	ORD -34,760	-34,760
14-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -12,886	-64,430
14-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -427	-2,135
17-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 11,700	11,700
17-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD 598	598
17-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD 76	76
17-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD 91	91
17-Oct-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.09	ORD 8,784	8,784
17-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -7,101	-35,505
17-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,973	9,865
18-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD -1,220	-1,220
18-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,712	1,712
18-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD -8,416	-8,416
18-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 16	16
18-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 3,642	3,642
18-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 1,424	1,424

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18-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.18	ORD	-18,486	-18,486
18-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.18	ORD	54,352	54,352
18-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	-11,250	-11,250
18-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-12,451	-12,451
18-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	389,625	389,625
18-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-8,953	-44,765
18-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-434	-2,170
19-Oct-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	677	677
19-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,895	4,895
19-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	5,874	5,874
19-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD	668	668
19-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD	137	137
19-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD	116	116
19-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.14	ORD	-28,458	-28,458
19-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	3,996	3,996
19-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	973	973
19-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	1,440	1,440
19-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-21,147	-21,147
19-Oct-22	BLACKROCK ADVISORS LLC	on mkt sell	5.16	ORD	-12,926	-12,926
19-Oct-22	BlackRock Fund Advisors	on mkt buy	5.16	ORD	17,895	17,895
19-Oct-22	BLACKROCK ADVISORS LLC	on mkt sell	5.16	ORD	-4,166	-4,166
19-Oct-22	BlackRock Asset Management Canada Limited	on mkt buy	5.16	ORD	1,469	1,469
19-Oct-22	BlackRock Asset Management Canada Limited	on mkt sell	5.16	ORD	-1,254	-1,254
19-Oct-22	BlackRock Asset Management Canada Limited	on mkt sell	5.16	ORD	-9,348	-9,348
19-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD	-12,318	-12,318
19-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-99,551	-99,551
19-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,262	11,310
19-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	116	580
20-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10	ORD	-10,249	-10,249
20-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	9,594	9,594
20-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	28,782	28,782
20-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	23,985	23,985
20-Oct-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.10	ORD	1,326	1,326
20-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	15,115	15,115
20-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	4,884	4,884
20-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	1,660	1,660
20-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	1,338	1,338
20-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	2,121	2,121
20-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	1,080	1,080
20-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-987	-987
20-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-387	-387
20-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.10	ORD	2,015	2,015
20-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	14,391	14,391
20-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-34,179	-34,179
20-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-291,310	-291,310

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20-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-847	-4,235
20-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,185	10,925
21-Oct-22	BlackRock Asset Management Canada Limited	on mkt buy	5.06	ORD	11,323	11,323
21-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.04	ORD	-151,757	-151,757
21-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	24,595	24,595
21-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	1,444	1,444
21-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.01	ORD	-124,389	-124,389
21-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	ORD	-42,615	-42,615
21-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	ORD	-5,732	-5,732
21-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,644	-13,220
21-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,039	15,195
24-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	24,600	24,600
24-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.09	ORD	2,290	2,290
24-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	763,431	763,431
24-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-7,457	-37,285
24-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-541	-2,705
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	260	260
25-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	3,768	3,768
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-4,412	-4,412
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	2,016	2,016
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	894	894
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-1,468	-1,468
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	2,869	2,869
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	3,287	3,287
25-Oct-22	BLACKROCK ADVISORS LLC	on mkt sell	5.10	ORD	-28,711	-28,711
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	16,626	16,626
25-Oct-22	BlackRock Asset Management Canada Limited	on mkt buy	5.10	ORD	4,943	4,943
25-Oct-22	BLACKROCK ADVISORS LLC	on mkt sell	5.10	ORD	-9,703	-9,703
25-Oct-22	BlackRock Asset Management Canada Limited	on mkt sell	5.10	ORD	-4,747	-4,747
25-Oct-22	BlackRock Asset Management Canada Limited	on mkt sell	5.10	ORD	-7,768	-7,768
25-Oct-22	BlackRock Asset Management Canada Limited	on mkt sell	5.10	ORD	-25,693	-25,693
25-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	-171,194	-171,194
25-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	723,314	723,314
25-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-300,000	-300,000
25-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-7,963	-39,815
25-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	638	3,190
26-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD	-36,428	-36,428
26-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD	2,613	2,613
26-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD	447	447
26-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD	459	459
26-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD	4,741	4,741
26-Oct-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.13	ORD	16,187	16,187
26-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	2,448	2,448
26-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	6,120	6,120
26-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	3,652	3,652
26-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	4,762	4,762
26-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.12	ORD	53,207	53,207

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26-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD -20,349	-20,349
26-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD -32,038	-32,038
26-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD -31,800	-31,800
26-Oct-22	BlackRock Investment Management, LLC	on mkt buy	5.12	ORD 2,481	2,481
26-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 616,044	616,044
26-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -723,314	-723,314
26-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -200,000	-200,000
26-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -216	-1,080
26-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -62	-310
27-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD -798	-798
27-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD 3,136	3,136
27-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD -478	-478
27-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 225,728	225,728
27-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 334,786	334,786
27-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -263,431	-263,431
27-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,054,297	5,271,485
27-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 82,235	411,175
27-Oct-22	APERIO GROUP LLC	in specie	n/a	ORD 1,879,986	1,879,986
28-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 6,048	6,048
28-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD -1,384	-1,384
28-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD 8,416	8,416
28-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD 1,675	1,675
28-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD -14,334	-14,334
28-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.10	ORD -1,438	-1,438
28-Oct-22	BlackRock Fund Advisors	on mkt buy	5.10	ORD 33,522	33,522
28-Oct-22	BlackRock Asset Management Canada Limited	on mkt sell	5.10	ORD -9,157	-9,157
28-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD 2,452	2,452
28-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 5,458	5,458
28-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -83,170	-83,170
28-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,656	23,280
28-Oct-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -556	-2,780
28-Oct-22	APERIO GROUP LLC	in specie	n/a	ORD 184,064	184,064
31-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 18,405	18,405
31-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 8,352	8,352
31-Oct-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,888	1,888
31-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.12	ORD -81,736	-81,736
31-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD 297	297
31-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD 43	43
31-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD 41	41
31-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.12	ORD -648,941	-648,941
31-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD -22,635	-22,635
31-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD -728	-728
31-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD -44,774	-44,774
31-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD 4,208	4,208
31-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD 8,416	8,416

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
31-Oct-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.12	ORD	8,780	8,780
31-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	1,332	1,332
31-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD	-4,777	-4,777
31-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	33,732	33,732
31-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.12	ORD	3,832	3,832
31-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-29,602	-29,602
31-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.12	ORD	11,500	11,500
31-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-4,766	-4,766
31-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-251,616	-251,616
01-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,256	1,256
01-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,208	4,208
01-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,851	1,851
01-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD	8,416	8,416
01-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD	-5,738	-5,738
01-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD	3,302	3,302
01-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD	3,302	3,302
01-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD	-52,593	-52,593
01-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD	-6,733	-6,733
01-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.12	ORD	-2,194	-2,194
01-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	48,256	48,256
01-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-476,642	-476,642
01-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	488,913	488,913
01-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	24,274	121,370
01-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	422	2,110
02-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,945	4,945
02-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD	387	387
02-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD	71	71
02-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD	74	74
02-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	ORD	8,201	8,201
02-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.09	ORD	7,062	7,062
02-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.09	ORD	658	658
02-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD	-151,100	-151,100
02-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.07	ORD	45,749	45,749
02-Nov-22	BLACKROCK ADVISORS LLC	on mkt sell	5.07	ORD	-28,050	-28,050
02-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD	153,753	153,753
02-Nov-22	BLACKROCK ADVISORS LLC	on mkt sell	5.07	ORD	-5,884	-5,884
02-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	5.07	ORD	-5,438	-5,438
02-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	5.07	ORD	-21,388	-21,388
02-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD	-68,450	-68,450
02-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07	ORD	882	882
02-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	486,762	486,762
02-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-488,913	-488,913
02-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-11,988	-59,940
03-Nov-22	BlackRock Japan Co., Ltd.	on mkt sell	5.06	ORD	-116,946	-116,946
03-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	648	648

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
03-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	9,477	9,477
03-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.05	ORD	-1,135	-1,135
03-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.05	ORD	-68,052	-68,052
03-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD	4,208	4,208
03-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD	-9,580	-9,580
03-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.06	ORD	-957	-957
03-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-8,203	-8,203
03-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-2,093	-2,093
03-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	4,316	4,316
03-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,049,121	-5,245,605
03-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-82,341	-411,705
03-Nov-22	APERIO GROUP LLC	in specie	n/a	ORD	-1,972,018	-1,972,018
03-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	-7,847	-7,847
04-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	-6,536	-6,536
04-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	20,790	20,790
04-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.15	ORD	10,829	10,829
04-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.15	ORD	2,129	2,129
04-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD	16,052	16,052
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	4,208	4,208
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	364	364
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	1,348	1,348
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	2,869	2,869
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.17	ORD	-3,305	-3,305
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.17	ORD	-12,564	-12,564
04-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.17	ORD	-58,904	-58,904
04-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.17	ORD	-6,499	-6,499
04-Nov-22	BlackRock Investment Management, LLC	on mkt buy	5.17	ORD	5,575	5,575
04-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.17	ORD	-18,512	-18,512
04-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-3,146	-3,146
04-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,226	11,130
04-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-381	-1,905
07-Nov-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	19,847	19,847
07-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	48,256	48,256
07-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	5,643	5,643
07-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	2,933	2,933
07-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	8,478	8,478
07-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD	862	862
07-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD	177	177
07-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD	180	180
07-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	269	269
07-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	12,429	12,429
07-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-16,895	-16,895
07-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-431,690	-431,690
07-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	432,701	432,701
07-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5,624	28,120
07-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	254	1,270
08-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	-52,670	-52,670

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08-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,260	1,260
08-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15	ORD	8,473	8,473
08-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	432	432
08-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	1,728	1,728
08-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	269	269
08-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	3,304	3,304
08-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.12	ORD	-17,525	-17,525
08-Nov-22	BLACKROCK ADVISORS LLC	on mkt sell	5.12	ORD	-14,676	-14,676
08-Nov-22	BLACKROCK ADVISORS LLC	on mkt sell	5.12	ORD	-4,391	-4,391
08-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	5.12	ORD	-11,397	-11,397
08-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15	ORD	882	882
08-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	95,580	95,580
08-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,886	-14,430
08-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	235	1,175
08-Nov-22	APERIO GROUP LLC	in specie	n/a	ORD	43,460	43,460
09-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	-34,433	-34,433
09-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,890	4,890
09-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD	27,376	27,376
09-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-1,283	-1,283
09-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-206	-206
09-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-201	-201
09-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.18	ORD	12,105	12,105
09-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD	12	12
09-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD	433	433
09-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD	866	866
09-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD	-4,789	-4,789
09-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD	-4,789	-4,789
09-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD	-14,367	-14,367
09-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD	-34,333	-34,333
09-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	41,730	41,730
09-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-44,381	-44,381
09-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-15	-75
09-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	37	185
10-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.18	ORD	-7,301	-7,301
10-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.14	ORD	-179,723	-179,723
10-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.18	ORD	-94,446	-94,446
10-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD	1,660	1,660
10-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD	2,869	2,869
10-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD	2,869	2,869
10-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.14	ORD	-17	-17
10-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.14	ORD	-710	-710
10-Nov-22	BlackRock Fund Advisors	on mkt buy	5.14	ORD	529	529
10-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.14	ORD	3,858	3,858
10-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.14	ORD	-4,369	-4,369
10-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	2,130	2,130
10-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-450	-450
10-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,122	-10,610
10-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	150	750

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11-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.16	ORD	1,388	1,388
11-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.17	ORD	10,668	10,668
11-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD	15,233	15,233
11-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD	-910	-910
11-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD	-4,820	-4,820
11-Nov-22	BLACKROCK ADVISORS LLC	on mkt sell	5.15	ORD	-41,211	-41,211
11-Nov-22	BLACKROCK ADVISORS LLC	on mkt sell	5.15	ORD	-10,966	-10,966
11-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	5.15	ORD	-11,786	-11,786
11-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	5.15	ORD	-35,938	-35,938
11-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	386,530	386,530
11-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-387,870	-387,870
11-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-3,683	-18,415
11-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-107	-535
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.13	ORD	-294	-294
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-2,184	-2,184
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-349	-349
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-349	-349
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.13	ORD	-6,009	-6,009
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.13	ORD	-460	-460
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.13	ORD	-2,910	-2,910
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11	ORD	-92,082	-92,082
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11	ORD	-44,599	-44,599
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11	ORD	-4,516	-4,516
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11	ORD	-7,053	-7,053
14-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	21,040	21,040
14-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	997	997
14-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	2,538	2,538
14-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD	-2,869	-2,869
14-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD	-9,606	-9,606
14-Nov-22	BlackRock Fund Advisors	on mkt buy	5.11	ORD	32,350	32,350
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD	1,381	1,381
14-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11	ORD	-1,764	-1,764
14-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-147,102	-147,102
14-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	146,456	146,456
14-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,665	8,325
14-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	97	485
15-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.09	ORD	-21,691	-21,691
15-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.09	ORD	-270,919	-270,919
15-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	2,430	2,430
15-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	1,752	1,752
15-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	1,686	1,686
15-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	9,657	9,657
15-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.07	ORD	22,859	22,859

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15-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.07	ORD -8,475	-8,475
15-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	5.07	ORD -1,501	-1,501
15-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	5.07	ORD -11,217	-11,217
15-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -267,448	-267,448
15-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 88,747	88,747
15-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 312,093	312,093
15-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,361	6,805
15-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 251	1,255
16-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,114	2,114
16-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD -24,605	-24,605
16-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,114	2,114
16-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD -1,648	-1,648
16-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD -248	-248
16-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD -266	-266
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD -30,112	-30,112
16-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD -10,077	-10,077
16-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.10	ORD -118,853	-118,853
16-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.10	ORD -118,193	-118,193
16-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD -6,575	-6,575
16-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD -132,897	-132,897
16-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD -64,028	-64,028
16-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	ORD 4,757	4,757
16-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.09	ORD 2,987	2,987
16-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.09	ORD 777	777
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD 1,317	1,317
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD 1,734	1,734
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD -24,015	-24,015
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD -771	-771
16-Nov-22	BlackRock Fund Advisors	on mkt buy	5.10	ORD 42,008	42,008
16-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 192,570	192,570
16-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 63,348	63,348
16-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -339,908	-339,908
16-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,205	-6,025
16-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,880	-9,400
16-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -45,890	-45,890
17-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10	ORD -891	-891
17-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10	ORD -3,916	-3,916
17-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD -13,637	-13,637
17-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD 30,220	30,220
17-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD -19,360	-19,360
17-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,692	1,692
17-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,114	2,114
17-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.13	ORD 9,498	9,498

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17-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -8,824	-8,824
17-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 4,860	4,860
17-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 473	473
17-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 3,528	3,528
17-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 864	864
17-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -8,604	-8,604
17-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -14,403	-14,403
17-Nov-22	BlackRock Investment Management, LLC	on mkt sell	5.13	ORD -8,273	-8,273
17-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -726,054	-726,054
17-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -50,533	-50,533
17-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -118,641	-118,641
17-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -7,777	-38,885
17-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,240	-6,200
18-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD -27,274	-27,274
18-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD 8,424	8,424
18-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD 16,219	16,219
18-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD 2,387	2,387
18-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD -4,799	-4,799
18-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD -13,581	-13,581
18-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.12	ORD -17,254	-17,254
18-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	5.12	ORD -553	-553
18-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 1	1
18-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -15,844	-15,844
18-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,335	6,675
18-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -106	-530
21-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD 10,630	10,630
21-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD 8,496	8,496
21-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19	ORD 1,359	1,359
21-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19	ORD 179	179
21-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19	ORD 181	181
21-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 997	997
21-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.19	ORD -4,783	-4,783
21-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.19	ORD -4,783	-4,783
21-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.19	ORD -257	-257
21-Nov-22	BlackRock Fund Advisors	on mkt buy	5.19	ORD 309	309
21-Nov-22	BlackRock Fund Advisors	on mkt buy	5.19	ORD 392	392
21-Nov-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.19	ORD 3,205	3,205
21-Nov-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.19	ORD 4,045	4,045
21-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 6,761	6,761
21-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 5,360	5,360
21-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.19	ORD -8,874	-8,874
21-Nov-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 127,780	127,780
21-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -1	-1
21-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,087	-5,435
21-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -330	-1,650
22-Nov-22	BlackRock Fund Advisors	on mkt sell	5.20	ORD -1,774	-1,774
22-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,272	1,272
22-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.22	ORD -3,664	-3,664
22-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.22	ORD -5,393	-5,393

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22-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.22 ORD -72,153	-72,153
22-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.22 ORD -53,498	-53,498
22-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD 33,880	33,880
22-Nov-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,386	-6,930
22-Nov-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 41	205
23-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.21 ORD 33,386	33,386
23-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.22 ORD 8,498	8,498
23-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.23 ORD 1,994	1,994
23-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.22 ORD 874	874
23-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.23 ORD -44	-44
23-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.23 ORD -1,323	-1,323
23-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.23 ORD 1,736	1,736
23-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.23 ORD -86,883	-86,883
23-Nov-22	BlackRock Investment Management, LLC	on mkt sell	5.23 ORD -2,772	-2,772
23-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.23 ORD -8,532	-8,532
23-Nov-22	BlackRock Fund Advisors	in specie	n/a ORD 6,944	6,944
23-Nov-22	BlackRock Fund Advisors	in specie	n/a ORD 5,568	5,568
23-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 170,323	170,323
23-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD -119,598	-119,598
23-Nov-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,062,723	5,313,615
23-Nov-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 80,750	403,750
23-Nov-22	APERIO GROUP LLC	in specie	n/a ORD 2,015,478	2,015,478
24-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.20 ORD -100,702	-100,702
24-Nov-22	BlackRock Fund Advisors	on mkt sell	5.20 ORD -1,741	-1,741
24-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.19 ORD -186,917	-186,917
25-Nov-22	BlackRock Fund Advisors	in specie	n/a ORD -8,025	-8,025
25-Nov-22	BlackRock Fund Advisors	in specie	n/a ORD 24,176	24,176
25-Nov-22	BlackRock Japan Co., Ltd.	on mkt buy	5.21 ORD 7,637	7,637
25-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.22 ORD 6,602	6,602
25-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.23 ORD -14,394	-14,394
25-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.23 ORD -11,789	-11,789
25-Nov-22	BlackRock Fund Advisors	in specie	n/a ORD -46,680	-46,680
25-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD 152,985	152,985
25-Nov-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,061,072	-5,305,360
25-Nov-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -80,083	-400,415
25-Nov-22	APERIO GROUP LLC	in specie	n/a ORD -1,946,174	-1,946,174
28-Nov-22	BlackRock Fund Advisors	on mkt buy	5.22 ORD 145,969	145,969
28-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.22 ORD 925	925
28-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.22 ORD -5,769	-5,769
28-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.22 ORD -3,836	-3,836
28-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.29 ORD 882	882
28-Nov-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,332	11,660
28-Nov-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -141	-705
28-Nov-22	APERIO GROUP LLC	in specie	n/a ORD 936	936
29-Nov-22	BlackRock Fund Advisors	on mkt buy	5.20 ORD 301,046	301,046

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29-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.22 ORD 3,873	3,873
29-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.18 ORD -23,905	-23,905
29-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.18 ORD 12,228	12,228
29-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.21 ORD 1,832	1,832
29-Nov-22	BlackRock Fund Advisors	in specie	n/a ORD -80,985	-80,985
29-Nov-22	BlackRock Fund Advisors	in specie	n/a ORD -16,080	-16,080
29-Nov-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,300	6,500
29-Nov-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -400	-2,000
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17 ORD 9,061	9,061
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17 ORD 9,006	9,006
30-Nov-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.17 ORD 7,674	7,674
30-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	5.15 ORD -3,366	-3,366
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.15 ORD -12,929	-12,929
30-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	5.15 ORD -1,762	-1,762
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15 ORD -1,000	-1,000
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.15 ORD -3,797	-3,797
30-Nov-22	BlackRock Fund Advisors	on mkt sell	5.15 ORD -1,081	-1,081
30-Nov-22	BlackRock Fund Advisors	on mkt sell	5.15 ORD -268	-268
30-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	5.15 ORD -54,293	-54,293
30-Nov-22	BlackRock Fund Advisors	on mkt sell	5.15 ORD -374	-374
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15 ORD -986	-986
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15 ORD -1,084	-1,084
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.15 ORD -6,313	-6,313
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15 ORD -11,646	-11,646
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15 ORD -23,472	-23,472
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15 ORD -5,840	-5,840
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15 ORD 8,132	8,132
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15 ORD 1,291	1,291
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15 ORD 1,299	1,299
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.15 ORD -48,469	-48,469
30-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	5.15 ORD -6,597	-6,597
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15 ORD -3,998	-3,998
30-Nov-22	BlackRock Fund Advisors	on mkt sell	5.15 ORD -496	-496
30-Nov-22	BlackRock Fund Advisors	on mkt buy	5.15 ORD 525	525
30-Nov-22	BlackRock Fund Advisors	on mkt sell	5.15 ORD -4,048	-4,048
30-Nov-22	BlackRock Fund Advisors	on mkt sell	5.15 ORD -332	-332
30-Nov-22	BlackRock Asset Management Canada Limited	on mkt buy	5.15 ORD 3,354	3,354
30-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	5.15 ORD -203,548	-203,548
30-Nov-22	BlackRock Asset Management Canada Limited	on mkt buy	5.15 ORD 13,185	13,185

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
30-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 59,029	59,029
30-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 2,415	2,415
30-Nov-22	BlackRock Fund Advisors	on mkt buy	5.15	ORD 63,187	63,187
30-Nov-22	BlackRock Fund Advisors	on mkt buy	5.15	ORD 74,639	74,639
30-Nov-22	BlackRock Fund Advisors	on mkt sell	5.15	ORD -1,224	-1,224
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -3,941	-3,941
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD 54,143	54,143
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -4,060	-4,060
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.15	ORD 12,741	12,741
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.15	ORD 45,147	45,147
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.15	ORD -23,664	-23,664
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD -43,661	-43,661
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD -88,000	-88,000
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -58,061	-58,061
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -177,415	-177,415
30-Nov-22	BlackRock Fund Advisors	on mkt buy	5.15	ORD 131,082	131,082
30-Nov-22	BlackRock Fund Advisors	on mkt sell	5.15	ORD -17,589	-17,589
30-Nov-22	BlackRock Fund Advisors	on mkt buy	5.15	ORD 41,697	41,697
30-Nov-22	BlackRock Fund Advisors	on mkt buy	5.15	ORD 181,316	181,316
30-Nov-22	BlackRock Fund Advisors	on mkt sell	5.15	ORD -191,750	-191,750
30-Nov-22	BlackRock Fund Advisors	on mkt buy	5.15	ORD 63,457	63,457
30-Nov-22	BlackRock Fund Advisors	on mkt sell	5.15	ORD -30,798	-30,798
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD -1,020	-1,020
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15	ORD 2,040	2,040
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD -83,382	-83,382
30-Nov-22	BlackRock Fund Advisors	in specie	n/a	ORD 11,676	11,676
30-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 1	1
30-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,120	5,600
30-Nov-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 154	770
01-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15	ORD 6,722	6,722
01-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.19	ORD -3,245	-3,245
01-Dec-22	BlackRock Asset Management Canada Limited	on mkt sell	5.19	ORD -450	-450
01-Dec-22	BlackRock Fund Advisors	on mkt sell	5.19	ORD -272	-272
01-Dec-22	BlackRock Fund Advisors	on mkt sell	5.19	ORD -268	-268
01-Dec-22	BlackRock Asset Management Canada Limited	on mkt sell	5.19	ORD -13,627	-13,627
01-Dec-22	BlackRock Fund Advisors	on mkt sell	5.19	ORD -268	-268
01-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19	ORD -272	-272
01-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.19	ORD -1,585	-1,585
01-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.19	ORD -2,923	-2,923
01-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.19	ORD -5,892	-5,892
01-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD -2,550	-2,550

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
01-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.19	ORD -4,415	-4,415
01-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 15,187	15,187
01-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.19	ORD -8,824	-8,824
01-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 2,928	2,928
01-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 945	945
01-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -1	-1
01-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -706	-3,530
01-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 169	845
02-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19	ORD -2,728	-2,728
02-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19	ORD -422	-422
02-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19	ORD -419	-419
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD -4,424	-4,424
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 15,190	15,190
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 1,992	1,992
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 2,324	2,324
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 10,956	10,956
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 1,344	1,344
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD -12,711	-12,711
02-Dec-22	BlackRock Asset Management Canada Limited	on mkt buy	5.18	ORD 4,750	4,750
02-Dec-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -17,897	-17,897
02-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,064,162	5,320,810
02-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 79,887	399,435
02-Dec-22	APERIO GROUP LLC	in specie	n/a	ORD 2,083,846	2,083,846
03-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -170,323	-170,323
03-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -152,985	-152,985
05-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD 5,890	5,890
05-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,692	1,692
05-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 16,894	16,894
05-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.20	ORD 6,451	6,451
05-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD 1,690	1,690
05-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD 2,028	2,028
05-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.17	ORD -5,040	-5,040
05-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.17	ORD -35,922	-35,922
05-Dec-22	BlackRock Fund Advisors	on mkt buy	5.17	ORD 1,291	1,291
05-Dec-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.17	ORD 13,048	13,048
05-Dec-22	BlackRock Asset Management Canada Limited	on mkt buy	5.17	ORD 3,027	3,027
05-Dec-22	BlackRock Fund Advisors	on mkt buy	5.17	ORD 55,348	55,348
05-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17	ORD 18,233	18,233
05-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.17	ORD -4,026	-4,026
05-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 170,323	170,323
05-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 152,985	152,985
05-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,056,522	-5,282,610
05-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -81,747	-408,735
05-Dec-22	APERIO GROUP LLC	in specie	n/a	ORD -2,083,846	-2,083,846
06-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,668	1,668
06-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD 3,380	3,380
06-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD 894	894
06-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -3,371	-3,371

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06-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.23 ORD -2,655	-2,655
06-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.19 ORD -8,015	-8,015
06-Dec-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -2,110	-10,550
06-Dec-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 322	1,610
07-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.27 ORD 2,230	2,230
07-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.27 ORD 378	378
07-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.27 ORD 376	376
07-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26 ORD 21,937	21,937
07-Dec-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.26 ORD 306	306
07-Dec-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.26 ORD 14,481	14,481
07-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.26 ORD 1,286	1,286
07-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.28 ORD 8	8
07-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.28 ORD -12	-12
07-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.28 ORD 1,338	1,338
07-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 95,272	95,272
07-Dec-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,918	14,590
07-Dec-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -111	-555
07-Dec-22	APERIO GROUP LLC	in specie	n/a ORD 14,613	14,613
08-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.23 ORD -25,174	-25,174
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.25 ORD -8,882	-8,882
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.25 ORD 15,295	15,295
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.25 ORD -4,412	-4,412
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.25 ORD -1,381	-1,381
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.25 ORD 37,102	37,102
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.25 ORD -2,854	-2,854
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.25 ORD 1,061	1,061
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.25 ORD 6,752	6,752
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.25 ORD 19,455	19,455
08-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.25 ORD -203,104	-203,104
08-Dec-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -302	-1,510
08-Dec-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -245	-1,225
09-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.27 ORD 11,367	11,367
09-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.27 ORD -8,864	-8,864
09-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.27 ORD -28	-28
09-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.27 ORD 4,836	4,836
09-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.27 ORD 2,854	2,854
09-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.27 ORD 262	262
09-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.27 ORD -91,424	-91,424
09-Dec-22	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -1,559,569	-1,559,569
09-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD 81,302	81,302
09-Dec-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 246	1,230
09-Dec-22	APERIO GROUP LLC	in specie	n/a ADR 5:1 -202	-1,010
12-Dec-22	BlackRock Fund Advisors	in specie	n/a ORD -81,417	-81,417
12-Dec-22	BlackRock Fund Advisors	in specie	n/a ORD 9,940	9,940
12-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.28 ORD 1,903	1,903
12-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.28 ORD 339	339

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12-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.28	ORD	336	336
12-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	13,347	13,347
12-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD	-4,412	-4,412
12-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	2,418	2,418
12-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.28	ORD	35,593	35,593
12-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	-26,896	-26,896
12-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	855,808	855,808
12-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,075	5,375
13-Dec-22	BlackRock Fund Advisors	on mkt sell	5.27	ORD	-3,013	-3,013
13-Dec-22	BlackRock Fund Advisors	on mkt sell	5.27	ORD	-4,940	-4,940
13-Dec-22	BlackRock Fund Advisors	on mkt sell	5.27	ORD	-9,481	-9,481
13-Dec-22	BlackRock Fund Advisors	on mkt sell	5.27	ORD	-29,900	-29,900
13-Dec-22	BlackRock Fund Advisors	on mkt sell	5.27	ORD	-29,716	-29,716
13-Dec-22	BlackRock Fund Advisors	on mkt sell	5.27	ORD	-54,514	-54,514
13-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	544	544
13-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	3,373	3,373
13-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD	-3,373	-3,373
13-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.27	ORD	6,322	6,322
13-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-810,562	-810,562
13-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,458	-7,290
14-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.27	ORD	-6,322	-6,322
14-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	-13,267	-13,267
14-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.26	ORD	310	310
14-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26	ORD	1,362	1,362
14-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26	ORD	242	242
14-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26	ORD	250	250
14-Dec-22	BlackRock Asset Management Deutschland AG	on mkt sell	5.25	ORD	-50,427	-50,427
14-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-35,705	-35,705
14-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	1,710	1,710
14-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-926	-926
14-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-5,708	-5,708
14-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-4,796	-4,796
14-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-9,592	-9,592
14-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.26	ORD	1,374	1,374
14-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	57,905	57,905
14-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	751	3,755
14-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	111	555
15-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	6,349	6,349
15-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD	4,450	4,450
15-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.24	ORD	-4,610	-4,610
15-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.24	ORD	-9,618	-9,618
15-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.24	ORD	-19,138	-19,138
15-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-4	-4
15-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,211	6,055
15-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-212	-1,060
16-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	5,240	5,240
16-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	-17,934	-17,934
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.29	ORD	4,847	4,847
16-Dec-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.29	ORD	6,550	6,550
16-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	7,256	7,256
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.34	ORD	-8,900	-8,900

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16-Dec-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.34	ORD 8,572	8,572
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.34	ORD -4,650	-4,650
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.34	ORD -13,950	-13,950
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.34	ORD 11,416	11,416
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.34	ORD 42,810	42,810
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.34	ORD -57,696	-57,696
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.34	ORD -4,808	-4,808
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.34	ORD 423	423
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.34	ORD 41,503	41,503
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.34	ORD 10,607	10,607
16-Dec-22	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.34	ORD -3,967	-3,967
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.30	ORD 30,828	30,828
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.30	ORD 22,139	22,139
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.30	ORD 19,235	19,235
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.30	ORD 8,712	8,712
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.30	ORD 21,409	21,409
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.30	ORD 5,435	5,435
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.30	ORD 5,855	5,855
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.30	ORD 6,895	6,895
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.30	ORD 12,666	12,666
16-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -4,129	-4,129
16-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,543	7,715
16-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 337	1,685
19-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,634	2,634
19-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.27	ORD -23	-23
19-Dec-22	BlackRock Asset Management Deutschland AG	on mkt buy	5.27	ORD 8,572	8,572
19-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.27	ORD -48	-48
19-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.27	ORD 2,338	2,338
19-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.27	ORD 4,342	4,342
19-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.27	ORD 4,787	4,787
19-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.27	ORD 4,534	4,534
19-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.27	ORD 1,088	1,088
19-Dec-22	BlackRock Fund Advisors	on mkt buy	5.27	ORD 1,127	1,127
19-Dec-22	BlackRock Fund Advisors	on mkt buy	5.27	ORD 3,435	3,435
19-Dec-22	BlackRock Investment Management, LLC	on mkt sell	5.27	ORD -1,521	-1,521
19-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.27	ORD -15,951	-15,951
19-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.27	ORD 22,400	22,400
19-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.27	ORD 3,979	3,979
19-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -994	-4,970
19-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -850	-4,250
20-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD 4,660	4,660
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD -35,528	-35,528
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD -4	-4
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD -56	-56
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD 1,218	1,218
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD 6,090	6,090

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD	2,338	2,338
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD	-945	-945
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD	33,516	33,516
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD	-6,732	-6,732
20-Dec-22	BlackRock Fund Advisors	on mkt buy	5.26	ORD	32,364	32,364
20-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	3	3
21-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.25	ORD	5,157	5,157
21-Dec-22	BlackRock Japan Co., Ltd.	on mkt buy	5.30	ORD	25,248	25,248
21-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,196	4,196
21-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	-77,662	-77,662
21-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.32	ORD	-9,248	-9,248
21-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.32	ORD	-18,496	-18,496
21-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.32	ORD	1,645	1,645
21-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.32	ORD	-4,791	-4,791
21-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.32	ORD	-5,940	-5,940
21-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.32	ORD	-6,287	-6,287
21-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,326,480	1,326,480
21-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,088	15,440
21-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-480	-2,400
21-Dec-22	APERIO GROUP LLC	in specie	n/a	ORD	-73,404	-73,404
22-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	2,532	2,532
22-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	4,220	4,220
22-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	5,245	5,245
22-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.37	ORD	1,452	1,452
22-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.37	ORD	-18,480	-18,480
22-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.37	ORD	-945	-945
22-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.37	ORD	2,854	2,854
22-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.37	ORD	-14,370	-14,370
22-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.37	ORD	-4,790	-4,790
22-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.37	ORD	267	267
22-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.37	ORD	-1,573	-1,573
22-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	-41,776	-41,776
22-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-785,123	-785,123
22-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	1,089,579	1,089,579
22-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,902	9,510
23-Dec-22	BlackRock Asset Management North Asia Limited	on mkt sell	5.42	ORD	-20,782	-20,782
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.44	ORD	-4,432	-4,432
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.44	ORD	-4,432	-4,432
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.44	ORD	-14,905	-14,905
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.44	ORD	-96	-96
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.44	ORD	-4,595	-4,595
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.44	ORD	8,484	8,484
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.44	ORD	6,060	6,060
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.44	ORD	-846	-846
23-Dec-22	BlackRock Fund Advisors	on mkt buy	5.44	ORD	7,880	7,880
23-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.44	ORD	5,635	5,635
23-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.44	ORD	1,982	1,982
23-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.39	ORD	-4,847	-4,847
23-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.44	ORD	640	640
23-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.44	ORD	105	105
23-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.44	ORD	92	92
23-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	445,999	445,999

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23-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-452,360	-452,360
23-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,078,636	5,393,180
23-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	76,809	384,045
23-Dec-22	APERIO GROUP LLC	in specie	n/a	ORD	2,026,927	2,026,927
26-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-425,768	-425,768
27-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-53,676	-53,676
27-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	1,019	1,019
27-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,079,002	-5,395,010
27-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-76,681	-383,405
27-Dec-22	APERIO GROUP LLC	in specie	n/a	ORD	-2,026,927	-2,026,927
28-Dec-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,260	1,260
28-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD	58	58
28-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.42	ORD	61	61
28-Dec-22	BlackRock Japan Co., Ltd.	on mkt buy	5.42	ORD	180,638	180,638
28-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.42	ORD	94,951	94,951
28-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ORD	-4,739	-4,739
28-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.44	ORD	748	748
28-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.44	ORD	748	748
28-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.44	ORD	1,332	1,332
28-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	433,331	433,331
28-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,765	8,825
28-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	120	600
28-Dec-22	APERIO GROUP LLC	in specie	n/a	ORD	-163,914	-163,914
29-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.40	ORD	-2,118	-2,118
29-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.41	ORD	94,951	94,951
29-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	5.41	ORD	-24	-24
29-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.41	ORD	382	382
29-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.41	ORD	676	676
29-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.41	ORD	1,014	1,014
29-Dec-22	BlackRock Asset Management Canada Limited	on mkt sell	5.41	ORD	-1,717	-1,717
29-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.41	ORD	1,020	1,020
29-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,305,852	-1,305,852
29-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-2,268	-2,268
29-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,571	17,855
30-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.40	ORD	873	873
30-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	5.40	ORD	2,303	2,303
30-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.40	ORD	2,255	2,255
30-Dec-22	BlackRock Asset Management Canada Limited	on mkt sell	5.40	ORD	-2,091	-2,091
30-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ORD	-4,134	-4,134
30-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ORD	-12,111	-12,111
30-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	390,563	390,563
30-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	2,123	2,123
30-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,092,948	5,464,740
30-Dec-22	APERIO GROUP LLC	in specie	n/a	ADR 5:1	77,057	385,285
30-Dec-22	APERIO GROUP LLC	in specie	n/a	ORD	1,863,013	1,863,013
02-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-12,212	-12,212
02-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-757	-757

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03-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.32	ORD	-10,855	-10,855
03-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.32	ORD	1,210	1,210
03-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-2,466	-2,466
03-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,089,376	-5,446,880
03-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-77,842	-389,210
03-Jan-23	APERIO GROUP LLC	in specie	n/a	ORD	-1,863,013	-1,863,013
04-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	-81,350	-81,350
04-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	72,144	72,144
04-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	244,050	244,050
04-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	17,901	17,901
04-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	4,902	4,902
04-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.36	ORD	-66	-66
04-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.36	ORD	-88	-88
04-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.34	ORD	7,980	7,980
04-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.34	ORD	1,665	1,665
04-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.34	ORD	550	550
04-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.34	ORD	500	500
04-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.34	ORD	4,693	4,693
04-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-375,892	-375,892
04-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-1	-1
04-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,092	10,460
04-Jan-23	APERIO GROUP LLC	in specie	n/a	ORD	82,012	82,012
05-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.39	ORD	-7,640	-7,640
05-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.35	ORD	-813	-813
05-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	48,096	48,096
05-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	60,120	60,120
05-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.38	ORD	-29,816	-29,816
05-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.38	ORD	12	12
05-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.38	ORD	10,323	10,323
05-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-141,746	-141,746
05-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,189	5,945
05-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	95	475
06-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.37	ORD	13,263	13,263
06-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.37	ORD	-20	-20
06-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.37	ORD	-1,393	-1,393
06-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.37	ORD	3,309	3,309
06-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.37	ORD	-19,311	-19,311
06-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	98,978	98,978
06-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,559	7,795
06-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	222	1,110
09-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	9,614	9,614
09-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.32	ORD	8,880	8,880
09-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.32	ORD	6,075	6,075
09-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.32	ORD	-10,881	-10,881
09-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.33	ORD	2,410	2,410
09-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	210,124	210,124
09-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-828,854	-828,854
09-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,908	9,540
09-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	58	290

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10-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	48,096	48,096
10-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,890	1,890
10-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.29	ORD	-3,009	-3,009
10-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.30	ORD	-14,040	-14,040
10-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD	816	816
10-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	81,350	81,350
10-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	36,760	36,760
10-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,683	8,415
10-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	54	270
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	36,072	36,072
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	132,264	132,264
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	48,096	48,096
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	-31,380	-31,380
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	9,654	9,654
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	-6,936	-6,936
11-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.24	ORD	-3,101	-3,101
11-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.24	ORD	-458	-458
11-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.24	ORD	-456	-456
11-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.27	ORD	-13,818	-13,818
11-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.27	ORD	-5,402	-5,402
11-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.26	ORD	-423	-423
11-Jan-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.21	ORD	8,641	8,641
11-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	14,906	14,906
11-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	1,017	1,017
11-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	1,344	1,344
11-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	2,240	2,240
11-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD	-11,336	-11,336
11-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	3,257	3,257
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	13,267	13,267
11-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	21,504	21,504
11-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	792	3,960
11-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	278	1,390
12-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.21	ORD	-41,769	-41,769
12-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	26,534	26,534
12-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	10,521	10,521
12-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	3,507	3,507
12-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,310	1,310
12-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	54,360	54,360
12-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.26	ORD	4,598	4,598
12-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.25	ORD	9,203	9,203
12-Jan-23	BlackRock Fund Advisors	on mkt buy	5.25	ORD	9,279	9,279
12-Jan-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.25	ORD	68,217	68,217
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	86,601	86,601
12-Jan-23	BlackRock Fund Advisors	on mkt buy	5.25	ORD	97,366	97,366
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	4,860	4,860
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-1,420	-1,420
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-4,680	-4,680
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-4,680	-4,680
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-1,269	-1,269
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-6,530	-6,530
12-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	23,935	23,935
12-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,268	6,340

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12-Jan-23	APERIO GROUP LLC	in specie	n/a ADR 5:1	-285 -1,425
13-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD	6,010 6,010
13-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.32 ORD	294,569 294,569
13-Jan-23	BlackRock Asset Management Canada Limited	on mkt buy	5.32 ORD	1,534 1,534
13-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.32 ORD	1,726 1,726
13-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.32 ORD	273 273
13-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.32 ORD	270 270
13-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.33 ORD	-3,710 -3,710
13-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.33 ORD	2,070 2,070
13-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.33 ORD	5,356 5,356
13-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.33 ORD	-4,679 -4,679
13-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD	36,077 36,077
13-Jan-23	APERIO GROUP LLC	in specie	n/a ADR 5:1	1,103,167 5,515,835
13-Jan-23	APERIO GROUP LLC	in specie	n/a ADR 5:1	76,958 384,790
13-Jan-23	APERIO GROUP LLC	in specie	n/a ORD	1,945,025 1,945,025
16-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.30 ORD	2,688 2,688
16-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD	-41,653 -41,653
17-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD	-24,276 -24,276
17-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD	7,110 7,110
17-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.30 ORD	-16,938 -16,938
17-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.29 ORD	-2,900 -2,900
17-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.29 ORD	-6,966 -6,966
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30 ORD	35,456 35,456
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30 ORD	4,432 4,432
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30 ORD	7,260 7,260
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30 ORD	2,420 2,420
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30 ORD	7,245 7,245
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30 ORD	4,830 4,830
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30 ORD	460 460
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30 ORD	944 944
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30 ORD	2,845 2,845
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.30 ORD	-9,358 -9,358
17-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD	3,725 3,725
17-Jan-23	APERIO GROUP LLC	in specie	n/a ADR 5:1	-1,100,262 -5,501,310
17-Jan-23	APERIO GROUP LLC	in specie	n/a ADR 5:1	-76,736 -383,680
17-Jan-23	APERIO GROUP LLC	in specie	n/a ORD	-1,945,025 -1,945,025
18-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD	4,808 4,808
18-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.28 ORD	-1,099 -1,099
18-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.28 ORD	-185 -185
18-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.28 ORD	-185 -185
18-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.27 ORD	-24,291 -24,291
18-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.27 ORD	-421 -421
18-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.27 ORD	-13,815 -13,815
18-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.27 ORD	-2,022 -2,022
18-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.27 ORD	-1,690 -1,690
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28 ORD	8,852 8,852

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28 ORD 1,998	1,998
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28 ORD -1,390	-1,390
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28 ORD 2,845	2,845
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28 ORD -9,358	-9,358
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28 ORD 548	548
18-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.28 ORD -7,262	-7,262
18-Jan-23	BlackRock Fund Advisors	on mkt buy	5.28 ORD 29,472	29,472
18-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD -42,344	-42,344
18-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -194,996	-194,996
18-Jan-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -282	-1,410
18-Jan-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 183	915
19-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD -6,936	-6,936
19-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD -21,242	-21,242
19-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.22 ORD 15,462	15,462
19-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.22 ORD 139,158	139,158
19-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22 ORD -12	-12
19-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22 ORD -4,170	-4,170
19-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22 ORD -4,554	-4,554
19-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.22 ORD 8,535	8,535
19-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD -224,800	-224,800
19-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 431,248	431,248
19-Jan-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 772	3,860
19-Jan-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -656	-3,280
20-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD -26,148	-26,148
20-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD 96,784	96,784
20-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD 26,726	26,726
20-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD 18,147	18,147
20-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD 2,324	2,324
20-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD 5,250	5,250
20-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD 63,000	63,000
20-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD -132,670	-132,670
20-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD -45,912	-45,912
20-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD 1,965	1,965
20-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.22 ORD 775	775
20-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.22 ORD 119	119
20-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.22 ORD 117	117
20-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.21 ORD -4,155	-4,155
20-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.21 ORD -7,057	-7,057
20-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.20 ORD -10,144	-10,144
20-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.21 ORD -1,701	-1,701
20-Jan-23	BlackRock Asset Management North Asia Limited	on mkt sell	5.22 ORD -18,383	-18,383
20-Jan-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.21 ORD 8,850	8,850
20-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21 ORD 61,848	61,848
20-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21 ORD 46,386	46,386
20-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21 ORD 2,845	2,845
20-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21 ORD -4,679	-4,679
20-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.21 ORD -17,169	-17,169
20-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.21 ORD -410	-410
20-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 327,360	327,360
20-Jan-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -559	-2,795
23-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD -16,854	-16,854
23-Jan-23	BlackRock Fund Advisors	in specie	n/a ORD 5,810	5,810

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	308	308
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	23,562	23,562
23-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD	6,065	6,065
23-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD	2,046	2,046
23-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.24	ORD	-4,664	-4,664
23-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.24	ORD	-13,451	-13,451
23-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.28	ORD	968	968
23-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-172,048	-172,048
23-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	176,586	176,586
23-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,309	-6,545
23-Jan-23	APERIO GROUP LLC	in specie	n/a	ORD	18,044	18,044
24-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,620	2,620
24-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.19	ORD	-14,465	-14,465
24-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.19	ORD	-7,816	-7,816
24-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD	257	257
24-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19	ORD	-26,955	-26,955
24-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.21	ORD	-510	-510
24-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	-95,914	-95,914
24-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-299,136	-299,136
24-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-176,586	-176,586
24-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,958	-9,790
24-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	40	200
24-Jan-23	APERIO GROUP LLC	in specie	n/a	ORD	7,209	7,209
25-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	12,360	12,360
25-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	12,360	12,360
25-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	48,392	48,392
25-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	-11,202	-11,202
25-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,616	2,616
25-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	-11,202	-11,202
25-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.23	ORD	-14,494	-14,494
25-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.23	ORD	-475	-475
25-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.24	ORD	-4,271	-4,271
25-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.24	ORD	-1,708	-1,708
25-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.24	ORD	-3,364	-3,364
25-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.24	ORD	-160	-160
25-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.22	ORD	13,254	13,254
25-Jan-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.22	ORD	8,852	8,852
25-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.22	ORD	32	32
25-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.22	ORD	1,344	1,344
25-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22	ORD	-17,070	-17,070
25-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22	ORD	-9,356	-9,356
25-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22	ORD	-14,034	-14,034
25-Jan-23	BlackRock Japan Co., Ltd.	on mkt buy	5.21	ORD	35,484	35,484
25-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22	ORD	-34,481	-34,481
25-Jan-23	BlackRock Investment Management, LLC	on mkt sell	5.22	ORD	-6,488	-6,488
25-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.22	ORD	-17,124	-17,124
25-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-77,268	-77,268
25-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,177	10,885
25-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,171	-5,855
26-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	-1,310	-1,310

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
26-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	36,294	36,294
26-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	462	462
26-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	-6,936	-6,936
26-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.20	ORD	1,986	1,986
26-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.20	ORD	917	917
26-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.20	ORD	5,358	5,358
26-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.20	ORD	-2,845	-2,845
26-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.20	ORD	-4,678	-4,678
26-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.20	ORD	-3,284	-3,284
26-Jan-23	BlackRock Asset Management Canada Limited	on mkt sell	5.20	ORD	-33,507	-33,507
26-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	13,267	13,267
26-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	367,168	367,168
26-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	200,837	200,837
26-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,428	12,140
26-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	377	1,885
27-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.26	ORD	-7,068	-7,068
27-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	24,196	24,196
27-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	145,176	145,176
27-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	-47,628	-47,628
27-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	21,060	21,060
27-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	-4,902	-4,902
27-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.26	ORD	-595	-595
27-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD	-1,480	-1,480
27-Jan-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.25	ORD	-6,226	-6,226
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD	8,838	8,838
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD	4	4
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD	1,680	1,680
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD	904	904
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD	-4,677	-4,677
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD	-28,062	-28,062
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD	1,115	1,115
27-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.26	ORD	-3,531	-3,531
27-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26	ORD	4,189	4,189
27-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26	ORD	695	695
27-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26	ORD	692	692
27-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	127,760	127,760
27-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-200,837	-200,837
27-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	843	4,215
27-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	34	170
27-Jan-23	APERIO GROUP LLC	in specie	n/a	ORD	-98,086	-98,086
30-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	13,267	13,267
30-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	13,267	13,267
30-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.25	ORD	351,740	351,740
30-Jan-23	BlackRock Fund Advisors	on mkt buy	5.25	ORD	29,751	29,751
30-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD	1,359	1,359
30-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD	-8,535	-8,535
30-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD	-17,070	-17,070
30-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD	-9,352	-9,352
30-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD	-18,704	-18,704
30-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.26	ORD	-14,617	-14,617

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30-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.25	ORD	-2,420	-2,420
30-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	-67,486	-67,486
30-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-800,560	-800,560
30-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,097,227	1,097,227
30-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,167	5,835
30-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	34	170
31-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	42,483	42,483
31-Jan-23	BlackRock Fund Advisors	in specie	n/a	ORD	13,267	13,267
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	13,284	13,284
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	752	752
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	1,017	1,017
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD	-2,845	-2,845
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD	-5,690	-5,690
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD	-8,535	-8,535
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD	-31,295	-31,295
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD	-42,075	-42,075
31-Jan-23	BlackRock Asset Management Canada Limited	on mkt sell	5.21	ORD	-100,726	-100,726
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD	-8,424	-8,424
31-Jan-23	BlackRock Asset Management Canada Limited	on mkt buy	5.21	ORD	13,116	13,116
31-Jan-23	BlackRock Fund Advisors	on mkt buy	5.21	ORD	42,186	42,186
31-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.23	ORD	5,178	5,178
31-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	686,404	686,404
31-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	4,057	4,057
31-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-342,565	-342,565
31-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	146	730
31-Jan-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	359	1,795
31-Jan-23	APERIO GROUP LLC	in specie	n/a	ORD	99,159	99,159
01-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	81,350	81,350
01-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	13,267	13,267
01-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	13,267	13,267
01-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	35,904	35,904
01-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	-15,873	-15,873
01-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.26	ORD	-1,960	-1,960
01-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.26	ORD	-8,329	-8,329
01-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.26	ORD	-469	-469
01-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.26	ORD	-1,411	-1,411
01-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.26	ORD	-10,774	-10,774
01-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.26	ORD	-1,879	-1,879
01-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.26	ORD	-310	-310
01-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.26	ORD	-310	-310
01-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	1,210	1,210
01-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	4,840	4,840
01-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	4,526	4,526
01-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	1,072	1,072
01-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.28	ORD	-7,021	-7,021
01-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	763,918	763,918
01-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-6,024	-6,024
01-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-135	-675
01-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-58	-290
01-Feb-23	APERIO GROUP LLC	in specie	n/a	ORD	69,047	69,047

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02-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	9,304	9,304
02-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,616	2,616
02-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	-2,538	-2,538
02-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,492	2,492
02-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	-6,936	-6,936
02-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD	8,822	8,822
02-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD	16	16
02-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD	8,130	8,130
02-Feb-23	BlackRock Fund Advisors	on mkt buy	5.30	ORD	18,504	18,504
02-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.30	ORD	2,203	2,203
02-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	843,040	843,040
02-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-748,638	-748,638
02-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	377	1,885
02-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-498	-2,490
03-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.28	ORD	-15,350	-15,350
03-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.28	ORD	-19,604	-19,604
03-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.28	ORD	-3,694	-3,694
03-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.28	ORD	-5,155	-5,155
03-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	-8,800	-8,800
03-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	48,552	48,552
03-Feb-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.28	ORD	8,846	8,846
03-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	139,023	139,023
03-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	4,972	4,972
03-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	6,390	6,390
03-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-835,526	-835,526
03-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	602,786	602,786
03-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	536	2,680
03-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-163	-815
03-Feb-23	APERIO GROUP LLC	in specie	n/a	ORD	80,947	80,947
06-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	6,978	6,978
06-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	15,119	15,119
06-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	22,097	22,097
06-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	6,978	6,978
06-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	20,934	20,934
06-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.27	ORD	15,488	15,488
06-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	844,554	844,554
06-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-602,786	-602,786
06-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,893	-9,465
06-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-324	-1,620
07-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	60,690	60,690
07-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	3,400	3,400
07-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD	896	896
07-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD	4,394	4,394
07-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD	13,182	13,182
07-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD	15,457	15,457
07-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.29	ORD	-12	-12
07-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD	2,610	2,610
07-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.29	ORD	-5,682	-5,682
07-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD	4,686	4,686
07-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.29	ORD	-9,372	-9,372
07-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.29	ORD	-844	-844
07-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.29	ORD	-7,175	-7,175
07-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	13,267	13,267
07-Feb-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	107,620	107,620
07-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,698,966	-1,698,966

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07-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	839,055	839,055
07-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	970	4,850
07-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-361	-1,805
08-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.30	ORD	-16,403	-16,403
08-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	162,700	162,700
08-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	-6,936	-6,936
08-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.30	ORD	-7,904	-7,904
08-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.30	ORD	-3,230	-3,230
08-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.31	ORD	-1,467	-1,467
08-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.31	ORD	-219	-219
08-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.31	ORD	-219	-219
08-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.31	ORD	2,841	2,841
08-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.31	ORD	544	544
08-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.31	ORD	-13,624	-13,624
08-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	17,475	17,475
08-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	220,572	220,572
08-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	167,768	167,768
08-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-142,811	-142,811
08-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	610	3,050
09-Feb-23	BlackRock Asset Management North Asia Limited	on mkt sell	5.26	ORD	-593,731	-593,731
09-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.28	ORD	-2,688	-2,688
09-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	672	672
09-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD	-53,979	-53,979
09-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-18,740	-18,740
09-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-23,425	-23,425
09-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD	-74,960	-74,960
09-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	3,296	3,296
09-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,458,152	1,458,152
09-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-167,768	-167,768
09-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-696,244	-696,244
09-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,608	-8,040
10-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.29	ORD	-1,734	-1,734
10-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.29	ORD	-19,167	-19,167
10-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.29	ORD	-17,234	-17,234
10-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.29	ORD	-2,273	-2,273
10-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.29	ORD	-168	-168
10-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.29	ORD	-9,055	-9,055
10-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.32	ORD	2,711	2,711
10-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.32	ORD	-2,841	-2,841
10-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.32	ORD	-5,459	-5,459
10-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	39,440	39,440
10-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-436	-2,180
10-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-98	-490
13-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	48,552	48,552
13-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26	ORD	21	21

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13-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD	379	379
13-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.24	ORD	-18,720	-18,720
13-Feb-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	105,623	105,623
13-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-621,438	-621,438
13-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	858,201	858,201
13-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-53	-265
14-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	36,468	36,468
14-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD	481	481
14-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.30	ORD	-426	-426
14-Feb-23	BlackRock Fund Advisors	on mkt buy	5.30	ORD	29,761	29,761
14-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-17,555	-17,555
14-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-14,873	-14,873
14-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,790	-8,950
14-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-70	-350
14-Feb-23	APERIO GROUP LLC	in specie	n/a	ORD	35,036	35,036
15-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26	ORD	1,256	1,256
15-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26	ORD	171	171
15-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26	ORD	205	205
15-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-4,679	-4,679
15-Feb-23	BlackRock Asset Management Canada Limited	on mkt buy	5.25	ORD	3,551	3,551
15-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.25	ORD	-4,025	-4,025
15-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.27	ORD	-1,599	-1,599
15-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	728,273	728,273
15-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-843,328	-843,328
15-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-82	-410
16-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	4,652	4,652
16-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	162,700	162,700
16-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	2,046	2,046
16-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD	-5,684	-5,684
16-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD	-4,708	-4,708
16-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD	-9,416	-9,416
16-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.29	ORD	15,246	15,246
16-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.29	ORD	484	484
16-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-732,585	-732,585
16-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-40	-40
16-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-171	-855
17-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.28	ORD	-44,158	-44,158
17-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.34	ORD	-220,000	-220,000
17-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.34	ORD	1,710	1,710
17-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.34	ORD	-9,384	-9,384
17-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-7,311	-7,311
17-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-4,017	-4,017
17-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	835,489	835,489
17-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,102,216	5,511,080
17-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	74,190	370,950
17-Feb-23	APERIO GROUP LLC	in specie	n/a	ORD	80,947	80,947
17-Feb-23	APERIO GROUP LLC	in specie	n/a	ORD	2,075,434	2,075,434
20-Feb-23	BlackRock Fund Advisors	on mkt sell	5.26	ORD	-36,990	-36,990

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20-Feb-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.23	ORD	8,863	8,863
20-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.24	ORD	1,344	1,344
20-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-835,488	-835,488
20-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-583,473	-583,473
20-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	590,974	590,974
21-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	322,134	322,134
21-Feb-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	613,816	613,816
21-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.27	ORD	-238,660	-238,660
21-Feb-23	BlackRock Japan Co., Ltd.	on mkt sell	5.25	ORD	-2,678	-2,678
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	15,505	15,505
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD	2,426	2,426
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD	-904	-904
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD	-913	-913
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD	-550	-550
21-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.26	ORD	1,452	1,452
21-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	3,769	3,769
21-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	587,242	587,242
21-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-590,974	-590,974
21-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,105,836	-5,529,180
21-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-74,555	-372,775
21-Feb-23	APERIO GROUP LLC	in specie	n/a	ORD	-80,947	-80,947
21-Feb-23	APERIO GROUP LLC	in specie	n/a	ORD	-2,075,434	-2,075,434
22-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.97	ORD	39	39
22-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.97	ORD	39	39
22-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	15,510	15,510
22-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-4	-4
22-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-1,298	-1,298
22-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	4,535	4,535
22-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.01	ORD	-15,641	-15,641
22-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.01	ORD	-3,038	-3,038
22-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	14,121	14,121
22-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	119,268	119,268
22-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-122,870	-122,870
22-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,717	-13,585
22-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-417	-2,085
23-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	161,356	161,356
23-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	48,624	48,624
23-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	5,895	5,895
23-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	2,598	2,598
23-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-937	-937
23-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	109,274	109,274
23-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-202,350	-202,350
23-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,657	-13,285
23-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	134	670
24-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	-1,245	-1,245
24-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.05	ORD	-7,253	-7,253
24-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05	ORD	-9,662	-9,662
24-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.04	ORD	-195,072	-195,072
24-Feb-23	BlackRock Investment Management, LLC	on mkt sell	5.04	ORD	-22,782	-22,782

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24-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.04	ORD	-6,576	-6,576
24-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD	-40	-40
24-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	2,426	2,426
24-Feb-23	BlackRock Fund Advisors	on mkt buy	5.04	ORD	3,280	3,280
24-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-343,632	-343,632
24-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	143,822	143,822
24-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	198,115	198,115
24-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,547	-7,735
24-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-803	-4,015
27-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	-161,470	-161,470
27-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	6,100	6,100
27-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD	4,611	4,611
27-Feb-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.06	ORD	8,967	8,967
27-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.06	ORD	-130,438	-130,438
27-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	23,493	23,493
27-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-18,621	-18,621
27-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	113,386	113,386
27-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-5,216	-26,080
27-Feb-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-710	-3,550
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.05	ORD	8,678	8,678
28-Feb-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,649	2,649
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-15,515	-15,515
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-32	-32
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-1,350	-1,350
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-1,350	-1,350
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-9,398	-9,398
28-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.00	ORD	34,490	34,490
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD	19,236	19,236
28-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.00	ORD	-41,491	-41,491
28-Feb-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.00	ORD	8,552	8,552
28-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.00	ORD	-7,752	-7,752
28-Feb-23	BlackRock Fund Advisors	on mkt sell	5.00	ORD	-35,896	-35,896
28-Feb-23	BlackRock Fund Advisors	on mkt buy	5.00	ORD	8,407	8,407
28-Feb-23	BlackRock Asset Management Canada Limited	on mkt buy	5.00	ORD	8,279	8,279
28-Feb-23	BlackRock Asset Management Canada Limited	on mkt sell	5.00	ORD	-36	-36
28-Feb-23	BlackRock Asset Management Canada Limited	on mkt buy	5.00	ORD	2,868	2,868
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD	-2,850	-2,850
28-Feb-23	BlackRock Investment Management, LLC	on mkt buy	5.00	ORD	1,301	1,301
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.00	ORD	-251,526	-251,526
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.00	ORD	-50,276	-50,276
28-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.00	ORD	-57,889	-57,889
28-Feb-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.00	ORD	-31,879	-31,879
28-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.02	ORD	1,210	1,210
28-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-706,064	-706,064
28-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-30,726	-30,726

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
28-Feb-23	APERIO GROUP LLC	in specie	n/a ADR 5:1	-3,368 -16,840
28-Feb-23	APERIO GROUP LLC	in specie	n/a ADR 5:1	-771 -3,855
01-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.00 ORD	-7,322 -7,322
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.00 ORD	-8,872 -8,872
01-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.00 ORD	-10,215 -10,215
01-Mar-23	BlackRock Fund Advisors	on mkt sell	5.00 ORD	-6,335 -6,335
01-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	5.00 ORD	-6 -6
01-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.00 ORD	-503 -503
01-Mar-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.00 ORD	-5,625 -5,625
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01 ORD	1,119 1,119
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01 ORD	125 125
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01 ORD	123 123
01-Mar-23	BlackRock Fund Advisors	in specie	n/a ORD	-159,936 -159,936
01-Mar-23	BlackRock Fund Advisors	in specie	n/a ORD	22,100 22,100
01-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.01 ORD	-2,842 -2,842
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01 ORD	133,582 133,582
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01 ORD	10,767 10,767
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01 ORD	3,280 3,280
01-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD	899,114 899,114
01-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD	6 6
01-Mar-23	APERIO GROUP LLC	in specie	n/a ADR 5:1	-1,747 -8,735
01-Mar-23	APERIO GROUP LLC	in specie	n/a ADR 5:1	-714 -3,570
01-Mar-23	APERIO GROUP LLC	in specie	n/a ORD	-28,285 -28,285
02-Mar-23	BlackRock Fund Advisors	in specie	n/a ORD	-3,400 -3,400
02-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03 ORD	52,275 52,275
02-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03 ORD	178,222 178,222
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03 ORD	4 4
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03 ORD	8 8
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03 ORD	12 12
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03 ORD	1,344 1,344
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03 ORD	5,360 5,360
02-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD	52,806 52,806
02-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD	-6 -6
02-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD	-61,311 -61,311
02-Mar-23	APERIO GROUP LLC	in specie	n/a ADR 5:1	-547 -2,735
02-Mar-23	APERIO GROUP LLC	in specie	n/a ADR 5:1	-5 -25
02-Mar-23	APERIO GROUP LLC	in specie	n/a ORD	-936 -936
03-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01 ORD	1,755 1,755
03-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01 ORD	304 304
03-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01 ORD	294 294
03-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01 ORD	2,432 2,432
03-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01 ORD	4,864 4,864
03-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01 ORD	3,648 3,648
03-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01 ORD	1,356 1,356
03-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.01 ORD	-2,851 -2,851
03-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD	610,000 610,000

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
03-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-607,173	-607,173
03-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-4,148	-20,740
03-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	326	1,630
06-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-3,352	-3,352
06-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD	-14,106	-14,106
06-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD	273	273
06-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.05	ORD	-19,844	-19,844
06-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-867,140	-867,140
06-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	366,752	366,752
06-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-370	-370
06-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,994	-9,970
06-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-164	-820
07-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	6,180	6,180
07-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	5,025	5,025
07-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	13,512	13,512
07-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD	-5,702	-5,702
07-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	546	546
07-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	3,326	3,326
07-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	ORD	533	533
07-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	152,496	152,496
07-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-366,752	-366,752
07-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-875	-875
07-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-3,402	-17,010
07-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	162	810
08-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	54,702	54,702
08-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96	ORD	-327	-327
08-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96	ORD	-62	-62
08-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96	ORD	-61	-61
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	15,516	15,516
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	1,364	1,364
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	1,705	1,705
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	2,046	2,046
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	422	422
08-Mar-23	BlackRock Investment Management, LLC	on mkt sell	4.96	ORD	-28,918	-28,918
08-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.96	ORD	-32,853	-32,853
08-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-4,227	-4,227
08-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-155,810	-155,810
08-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,287	-11,435
08-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-434	-2,170
08-Mar-23	APERIO GROUP LLC	in specie	n/a	ORD	-69,304	-69,304
09-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	72,936	72,936
09-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD	16	16
09-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD	944	944
09-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD	3,363	3,363
09-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	885,245	885,245
09-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	6	6
09-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-4,761	-23,805
09-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-179	-895
10-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	4.98	ORD	-11,519	-11,519
10-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	42,546	42,546
10-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-5,652	-5,652
10-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.97	ORD	530	530
10-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.97	ORD	103	103

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
10-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.97	ORD	103	103
10-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,754,662	-1,754,662
10-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-6	-6
10-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-3,055	-15,275
10-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	747	3,735
13-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	4.96	ORD	-15,519	-15,519
13-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	548	548
13-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	4.96	ORD	-3,358	-3,358
13-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96	ORD	-133,702	-133,702
13-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	4.96	ORD	-6,528	-6,528
13-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	883,016	883,016
13-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-595	-2,975
13-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-153	-765
14-Mar-23	BlackRock Asset Management Canada Limited	in specie	n/a	ORD	40,262	40,262
14-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	12,156	12,156
14-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	10,755	10,755
14-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93	ORD	-2,114	-2,114
14-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93	ORD	-357	-357
14-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93	ORD	-355	-355
14-Mar-23	BlackRock Asset Management Deutschland AG	on mkt buy	4.96	ORD	8,970	8,970
14-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	64	64
14-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	4.96	ORD	-172	-172
14-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD	2,359	2,359
14-Mar-23	BlackRock Asset Management Deutschland AG	on mkt sell	4.96	ORD	-7,277	-7,277
14-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.93	ORD	533	533
14-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	145,662	145,662
14-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-157,974	-157,974
14-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,101	-5,505
14-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-42	-210
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.03	ORD	-15,514	-15,514
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	8	8
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.03	ORD	-20	-20
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	1,680	1,680
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.03	ORD	-1,358	-1,358
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.03	ORD	-4,701	-4,701
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	1,144	1,144
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	274	274
15-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	ORD	718	718
15-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-159,936	-159,936
15-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-160,886	-160,886
15-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-819,517	-819,517
15-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	931	4,655
15-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	665	3,325
16-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	54,702	54,702
16-Mar-23	BlackRock Asset Management Deutschland AG	on mkt buy	4.90	ORD	8,933	8,933
16-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	956	956
16-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	9,434	9,434
16-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD	4,330	4,330
16-Mar-23	BlackRock Fund Advisors	on mkt sell	4.90	ORD	-1,895	-1,895

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
16-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	4.90	ORD -10,618	-10,618
16-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	ORD 533	533
16-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -250	-1,250
16-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,078	5,390
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD -9,542	-9,542
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD 3,400	3,400
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD -59,088	-59,088
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD -280,668	-280,668
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 437	437
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 78	78
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 54	54
17-Mar-23	BlackRock Asset Management Deutschland AG	on mkt sell	4.86	ORD -314,587	-314,587
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 1,715	1,715
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 945	945
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	4.86	ORD -4,554	-4,554
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 51,711	51,711
17-Mar-23	BlackRock Fund Advisors	on mkt sell	4.86	ORD -45,010	-45,010
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	4.86	ORD -463,779	-463,779
17-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	4.86	ORD -18,709	-18,709
17-Mar-23	BlackRock Fund Advisors	on mkt sell	4.86	ORD -4,197,218	-4,197,218
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.86	ORD -1,276	-1,276
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	ORD 161,461	161,461
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.86	ORD 533	533
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86	ORD -2,633	-2,633
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 945	945
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD -19,084	-19,084
17-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,652	8,260
17-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -52	-260
17-Mar-23	APERIO GROUP LLC	in specie	n/a	ORD -35,036	-35,036
17-Mar-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -44,295	-44,295
17-Mar-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -89,693	-89,693
20-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD -53,306	-53,306
20-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.88	ORD 19,700	19,700
20-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 1,234	1,234
20-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 3,702	3,702
20-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -2,716	-2,716
20-Mar-23	BlackRock Fund Advisors	on mkt buy	4.90	ORD 759	759
20-Mar-23	BlackRock Fund Advisors	on mkt sell	4.90	ORD -590	-590
20-Mar-23	BlackRock Fund Advisors	on mkt sell	4.90	ORD -1,209	-1,209
20-Mar-23	BlackRock Asset Management Deutschland AG	on mkt buy	4.90	ORD 11,414	11,414
20-Mar-23	BLACKROCK ADVISORS LLC	on mkt sell	4.90	ORD -10,848	-10,848
20-Mar-23	BLACKROCK ADVISORS LLC	on mkt sell	4.90	ORD -22,221	-22,221
20-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	ORD -914	-914
20-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	ORD -446	-446
20-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	ORD -289	-289
20-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	ORD -592	-592

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20-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	922,732	922,732
20-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	246	1,230
20-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-83	-415
21-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-43,254	-43,254
21-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.84	ORD	4,529	4,529
21-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.84	ORD	1,027	1,027
21-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.88	ORD	1,936	1,936
21-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-14,418	-14,418
21-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	193,544	193,544
21-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-1,992	-1,992
21-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	729,956	729,956
21-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	668	3,340
21-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-14	-70
22-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-34,300	-34,300
22-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	ORD	16,253	16,253
22-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87	ORD	-1,942	-1,942
22-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87	ORD	-351	-351
22-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87	ORD	-338	-338
22-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD	13,056	13,056
22-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD	2,016	2,016
22-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD	948	948
22-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD	948	948
22-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.87	ORD	-34,871	-34,871
22-Mar-23	BlackRock Fund Advisors	on mkt buy	4.87	ORD	3,993	3,993
22-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	857,131	857,131
22-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	2,501	2,501
22-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	46,388	46,388
22-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5,883	29,415
22-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-23	-115
22-Mar-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-127,780	-127,780
23-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-9,566	-9,566
23-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.85	ORD	75,810	75,810
23-Mar-23	BlackRock Fund Advisors	on mkt sell	4.87	ORD	-2,149	-2,149
23-Mar-23	BlackRock Fund Advisors	on mkt sell	4.87	ORD	-125,193	-125,193
23-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD	949	949
23-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.87	ORD	4,564	4,564
23-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	4.87	ORD	-550	-550
23-Mar-23	BlackRock Investment Management, LLC	on mkt buy	4.87	ORD	1,240	1,240
23-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,043,583	-1,043,583
23-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	149,656	149,656
23-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-5,134	-25,670
23-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-154	-770
24-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD	29,242	29,242
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93	ORD	-985	-985
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93	ORD	-191	-191
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.93	ORD	-182	-182
24-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.95	ORD	876	876

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
24-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	4.95	ORD	-4,552	-4,552
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.95	ORD	-19,889	-19,889
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.95	ORD	-16,751	-16,751
24-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.95	ORD	73,249	73,249
24-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD	36,778	36,778
24-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-38,272	-38,272
24-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	5	5
24-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-359,304	-359,304
24-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	4,338	4,338
24-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,454	17,270
24-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,405	7,025
27-Mar-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	9,196	9,196
27-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-9,568	-9,568
27-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD	160,789	160,789
27-Mar-23	BlackRock Asset Management Deutschland AG	on mkt buy	4.92	ORD	7,511	7,511
27-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD	2,414	2,414
27-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.92	ORD	9,715	9,715
27-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	ORD	-1,293	-1,293
27-Mar-23	BlackRock Fund Advisors	on mkt buy	4.92	ORD	7,752	7,752
27-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92	ORD	4,251	4,251
27-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92	ORD	1,194	1,194
27-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	13,196	13,196
27-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-340,063	-340,063
27-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-3,762	-3,762
27-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,593	12,965
27-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	795	3,975
28-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-829	-829
28-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	-18,700	-18,700
28-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	4,925	4,925
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	6,536	6,536
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	1,370	1,370
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	9,442	9,442
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-536	-536
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	1,263	1,263
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-3,216	-3,216
28-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	5.01	ORD	-3,406	-3,406
28-Mar-23	BLACKROCK ADVISORS LLC	on mkt buy	5.01	ORD	60,182	60,182
28-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-365	-365
28-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-221,373	-221,373
28-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-3,492	-3,492
28-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,093	5,465
29-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD	8,645	8,645
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	ORD	26,467	26,467
29-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.98	ORD	1,839	1,839
29-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.98	ORD	306	306

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29-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.98	ORD 305	305
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD 13,059	13,059
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.00	ORD -796	-796
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD 993	993
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD 3,972	3,972
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD 2,317	2,317
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD 13,198	13,198
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	ORD 1,316	1,316
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	ORD 5,886	5,886
29-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -1,222	-1,222
29-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 921,212	921,212
29-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -923,084	-923,084
29-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -479	-2,395
29-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 63	315
30-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD 13,842	13,842
30-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD 9,228	9,228
30-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	4.98	ORD -2,820	-2,820
30-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD 2,418	2,418
30-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.98	ORD 14,634	14,634
30-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -7,433	-7,433
30-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -921,212	-921,212
30-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 918,898	918,898
30-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,488	7,440
30-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 479	2,395
31-Mar-23	BlackRock Fund Advisors	in specie	n/a	ORD -9,776	-9,776
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.05	ORD 918	918
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.05	ORD 171	171
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.05	ORD 156	156
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.06	ORD 134,533	134,533
31-Mar-23	BlackRock Fund Advisors	on mkt buy	5.06	ORD 709	709
31-Mar-23	BlackRock Fund Advisors	on mkt buy	5.06	ORD 32,526	32,526
31-Mar-23	BlackRock Investment Management, LLC	on mkt buy	5.06	ORD 1,233	1,233
31-Mar-23	BLACKROCK ADVISORS LLC	on mkt buy	5.06	ORD 44,793	44,793
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD -4,595	-4,595
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD 12	12
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD 818	818
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD 2,442	2,442
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.06	ORD -14,467	-14,467
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.02	ORD 4,087	4,087
31-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -1,677	-1,677
31-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 911,696	911,696
31-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -918,898	-918,898
31-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 799	3,995
31-Mar-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 969	4,845
03-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD -160,486	-160,486
03-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD -9,718	-9,718
03-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 4,800	4,800
03-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.04	ORD 41,677	41,677
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD -6,080	-6,080
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 1,026	1,026

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03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	468	468
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	895	895
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	895	895
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	895	895
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	2,843	2,843
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD	-4,702	-4,702
03-Apr-23	BlackRock Fund Advisors	on mkt buy	5.04	ORD	5,995	5,995
03-Apr-23	BlackRock Fund Advisors	on mkt buy	5.04	ORD	27,321	27,321
03-Apr-23	BlackRock Fund Advisors	on mkt buy	5.04	ORD	32,096	32,096
03-Apr-23	BlackRock Investment Management, LLC	on mkt buy	5.04	ORD	1,261	1,261
03-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	2,420	2,420
03-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	928,412	928,412
03-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-911,696	-911,696
03-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5,467	27,335
03-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	899	4,495
03-Apr-23	APERIO GROUP LLC	in specie	n/a	ORD	-38,499	-38,499
04-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	-160,486	-160,486
04-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	3,824	3,824
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	72,903	72,903
04-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.03	ORD	-5,497	-5,497
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	4,594	4,594
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.03	ORD	-9,188	-9,188
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.03	ORD	-4	-4
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	467	467
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	522	522
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	522	522
04-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	ORD	37,363	37,363
04-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.03	ORD	14,349	14,349
04-Apr-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.03	ORD	8,130	8,130
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	4,876	4,876
04-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	ORD	1,316	1,316
04-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	ORD	1,316	1,316
04-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-3,582	-3,582
04-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,580	17,900
04-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-334	-1,670
05-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.02	ORD	-310	-310
05-Apr-23	BlackRock Fund Advisors	on mkt buy	5.03	ORD	96,435	96,435
05-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	ORD	4,689	4,689
05-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	ORD	1,180	1,180
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	68	68
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	3,400	3,400
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	524	524
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	844	844
05-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	7,969	7,969
05-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	9,908	9,908
05-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	905	4,525
05-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	871	4,355
06-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	10,800	10,800
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07	ORD	73,310	73,310
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	16	16
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	36	36

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	2,338	2,338
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD	-4,718	-4,718
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	524	524
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	1,066	1,066
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	5,082	5,082
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	1,210	1,210
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	7,274	7,274
06-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-315,552	-315,552
06-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	304,288	304,288
06-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,084,792	5,423,960
06-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	78,192	390,960
06-Apr-23	APERIO GROUP LLC	in specie	n/a	ORD	80,947	80,947
06-Apr-23	APERIO GROUP LLC	in specie	n/a	ORD	1,903,374	1,903,374
07-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	15,127	15,127
07-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	2,384	2,384
10-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-408,436	-408,436
10-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	411,487	411,487
10-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,077,415	-5,387,075
10-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-78,585	-392,925
10-Apr-23	APERIO GROUP LLC	in specie	n/a	ORD	-80,947	-80,947
10-Apr-23	APERIO GROUP LLC	in specie	n/a	ORD	-1,903,374	-1,903,374
11-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	-9,988	-9,988
11-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD	165,084	165,084
11-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	13,059	13,059
11-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD	-34,171	-34,171
11-Apr-23	BlackRock Fund Advisors	on mkt buy	5.12	ORD	31,759	31,759
11-Apr-23	BlackRock Fund Advisors	on mkt buy	5.12	ORD	20,235	20,235
11-Apr-23	BlackRock Fund Advisors	on mkt buy	5.12	ORD	37,881	37,881
11-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-10,668	-10,668
11-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	14,789	14,789
11-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	4,728	4,728
11-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	4,496	4,496
11-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.09	ORD	-533	-533
11-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-178,626	-178,626
11-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-2,501	-2,501
11-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-411,487	-411,487
11-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	353,387	353,387
11-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,907	9,535
11-Apr-23	APERIO GROUP LLC	in specie	n/a	ORD	25,342	25,342
12-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	ORD	439	439
12-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	ORD	97	97
12-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	ORD	91	91
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	8,529	8,529
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	4,717	4,717
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	279	279
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	2,532	2,532

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12-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.09	ORD 55,404	55,404
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD -4,897	-4,897
12-Apr-23	BlackRock Fund Advisors	on mkt buy	5.09	ORD 32,008	32,008
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD 4,128	4,128
12-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 15,613	15,613
12-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -54,908	-54,908
12-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -448,825	-448,825
12-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,331	16,655
12-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 972	4,860
13-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.09	ORD 96,268	96,268
13-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD 904	904
13-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD 904	904
13-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD 1,189	1,189
13-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD 846	846
13-Apr-23	BlackRock Fund Advisors	on mkt buy	5.10	ORD 5,222	5,222
13-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 127,435	127,435
13-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 882,134	882,134
13-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 467,956	467,956
13-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,908	14,540
13-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,011	5,055
14-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD 13,442	13,442
14-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD 30,920	30,920
14-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	ORD 1,205	1,205
14-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD -4,609	-4,609
14-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD 1,338	1,338
14-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.05	ORD 11,388	11,388
14-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 9,747	9,747
14-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 756,970	756,970
14-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -882,134	-882,134
14-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -193,149	-193,149
14-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,834	14,170
17-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 13,651	13,651
17-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 6,205	6,205
17-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD -9,200	-9,200
17-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD 13,024	13,024
17-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 893,133	893,133
17-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -495,949	-495,949
17-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -282	-1,410
17-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 211	1,055
18-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD 3,597	3,597
18-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD -4,725	-4,725
18-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD 263	263
18-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD 3,327	3,327
18-Apr-23	BlackRock Fund Advisors	on mkt buy	5.09	ORD 681	681
18-Apr-23	BlackRock Fund Advisors	on mkt buy	5.09	ORD 31,829	31,829
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD 1,687	1,687
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD 1,316	1,316
18-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -10,846	-10,846
18-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,235	11,175
18-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -374	-1,870
19-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 6,010	6,010
19-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 10,818	10,818

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19-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.11	ORD -232,977	-232,977
19-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.11	ORD 13,998	13,998
19-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.11	ORD 8,724	8,724
19-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD 1,040	1,040
19-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD 165	165
19-Apr-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.12	ORD 7,598	7,598
19-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD 3,300	3,300
19-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD -9,172	-9,172
19-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 32,454	32,454
19-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD -35,357	-35,357
19-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 171,354	171,354
19-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 2,441	2,441
19-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -147	-735
19-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 764	3,820
20-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 28,244	28,244
20-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD 3,161	3,161
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.13	ORD 93,331	93,331
20-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD 5,456	5,456
20-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD -13,824	-13,824
20-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD -2,716	-2,716
20-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD -2,715	-2,715
20-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD -1,810	-1,810
20-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD -9,124	-9,124
20-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD -4,725	-4,725
20-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11	ORD -134,667	-134,667
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.13	ORD 1,316	1,316
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.13	ORD 1,316	1,316
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.13	ORD -13,485	-13,485
20-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -1,938,046	-1,938,046
20-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 879,128	879,128
20-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 70,702	70,702
20-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 306,637	306,637
20-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,536	12,680
20-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 300	1,500
20-Apr-23	APERIO GROUP LLC	in specie	n/a	ORD 38,499	38,499
21-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 1,748	1,748
21-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 19,812	19,812
21-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 3,252	3,252
21-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.11	ORD 7,143	7,143
21-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD 567	567
21-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD 213	213
21-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD 122	122
21-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD 4	4
21-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD 12	12

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21-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD -20	-20
21-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD 1,640	1,640
21-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD -1,804	-1,804
21-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD 1,446	1,446
21-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD -34,374	-34,374
21-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11	ORD -14,935	-14,935
21-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.11	ORD -11,264	-11,264
21-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 2,253,410	2,253,410
21-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -879,128	-879,128
21-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 308,142	308,142
21-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -309,078	-309,078
21-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,114	-5,570
21-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 423	2,115
24-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.13	ORD 2,651	2,651
24-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.13	ORD 1,205	1,205
24-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD 894	894
24-Apr-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.12	ORD 4,698	4,698
24-Apr-23	BlackRock Fund Advisors	on mkt buy	5.12	ORD 54,573	54,573
24-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -503,286	-503,286
24-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -378,836	-378,836
24-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,239	21,195
24-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 663	3,315
25-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -1,750,124	-1,750,124
25-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 866,944	866,944
25-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 378,839	378,839
25-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 364	1,820
25-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 25	125
25-Apr-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -4,940	-4,940
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD -5,409	-5,409
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD 32,300	32,300
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD -308	-308
26-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD 1,182	1,182
26-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD 219	219
26-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD 173	173
26-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.14	ORD 5,077	5,077
26-Apr-23	BlackRock Fund Advisors	on mkt buy	5.14	ORD 490	490
26-Apr-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.15	ORD 7,619	7,619
26-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD -4	-4
26-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD -2,844	-2,844
26-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 896	896
26-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD -3,640	-3,640
26-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 556	556
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD -33,136	-33,136
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD -18,583	-18,583
26-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 527,829	527,829
26-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -866,944	-866,944

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26-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-3	-3
26-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,407	17,035
26-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	489	2,445
26-Apr-23	APERIO GROUP LLC	in specie	n/a	ORD	-107,610	-107,610
27-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.16	ORD	47,289	47,289
27-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-4	-4
27-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-8	-8
27-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	4,724	4,724
27-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	4,724	4,724
27-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	5,120	5,120
27-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-608	-3,040
27-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,187	5,935
28-Apr-23	BlackRock Fund Advisors	in specie	n/a	ORD	-26,866	-26,866
28-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.22	ORD	1,777	1,777
28-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.22	ORD	299	299
28-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.22	ORD	310	310
28-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.19	ORD	1,205	1,205
28-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD	22,805	22,805
28-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD	-1,446	-1,446
28-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD	-22,875	-22,875
28-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD	9,218	9,218
28-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD	18,436	18,436
28-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD	9,468	9,468
28-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD	9,468	9,468
28-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD	71,010	71,010
28-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.23	ORD	13,191	13,191
28-Apr-23	BlackRock Asset Management Canada Limited	on mkt sell	5.23	ORD	-103,724	-103,724
28-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.23	ORD	2,564	2,564
28-Apr-23	BlackRock Fund Advisors	on mkt buy	5.23	ORD	12,290	12,290
28-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.19	ORD	2,410	2,410
28-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-493,220	-493,220
28-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	1	1
28-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,837	9,185
28-Apr-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	375	1,875
01-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	427,056	427,056
01-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-1	-1
01-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,919	9,595
01-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	247	1,235
02-May-23	BlackRock Investment Management, LLC	in specie	n/a	ORD	100,533	100,533
02-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	80,785	80,785
02-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	6,265	6,265
02-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-5,136	-5,136
02-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-6,936	-6,936
02-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	24,044	24,044
02-May-23	BlackRock Fund Advisors	on mkt buy	5.21	ORD	69,868	69,868
02-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	20	20
02-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD	-1,358	-1,358
02-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	19,901	19,901
02-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	9,464	9,464
02-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	18,928	18,928
02-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	4,732	4,732
02-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	9,868	9,868

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02-May-23	BlackRock Asset Management Canada Limited	on mkt sell	5.21	ORD	-79,016	-79,016
02-May-23	BlackRock Fund Advisors	on mkt buy	5.21	ORD	28,674	28,674
02-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD	1,928	1,928
02-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-220,124	-220,124
02-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,017	15,085
02-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	66	330
03-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-26,866	-26,866
03-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	18,195	18,195
03-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD	9,886	9,886
03-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD	1,497	1,497
03-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD	242	242
03-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD	206	206
03-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD	-1,928	-1,928
03-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD	993	993
03-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD	3,641	3,641
03-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD	3,431	3,431
03-May-23	BlackRock Fund Advisors	on mkt buy	5.15	ORD	31,166	31,166
03-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	667,048	667,048
03-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	495,136	495,136
03-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	172,370	172,370
03-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	806	4,030
03-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	637	3,185
04-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,342	1,342
04-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.17	ORD	46,571	46,571
04-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-392	-392
04-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	5,922	5,922
04-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.14	ORD	1,316	1,316
04-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.14	ORD	2,686	2,686
04-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	550,504	550,504
04-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-495,136	-495,136
04-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-378,844	-378,844
04-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-172,370	-172,370
04-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,880	14,400
04-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	177	885
05-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-80,785	-80,785
05-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.20	ORD	2,856	2,856
05-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.20	ORD	56,250	56,250
05-May-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.17	ORD	7,616	7,616
05-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17	ORD	-13,128	-13,128
05-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	88	88
05-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	5,328	5,328
05-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17	ORD	-5,654	-5,654
05-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	9,404	9,404
05-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	18,816	18,816
05-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	1,198	1,198
05-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	1,198	1,198

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05-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.17	ORD -6,040	-6,040
05-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17	ORD 27,235	27,235
05-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -603,799	-603,799
05-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 8,322	41,610
05-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 419	2,095
08-May-23	BlackRock Fund Advisors	in specie	n/a	ORD -80,785	-80,785
08-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19	ORD -980	-980
08-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19	ORD -149	-149
08-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19	ORD -160	-160
08-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.18	ORD -1,446	-1,446
08-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.18	ORD 1,446	1,446
08-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.20	ORD 47,745	47,745
08-May-23	BlackRock Fund Advisors	on mkt buy	5.20	ORD 37,111	37,111
08-May-23	BlackRock Fund Advisors	in specie	n/a	ORD -7,568	-7,568
08-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -820,685	-820,685
08-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 378,844	378,844
08-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1	-5
08-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 41	205
09-May-23	BlackRock Fund Advisors	in specie	n/a	ORD 5,985	5,985
09-May-23	BlackRock Fund Advisors	in specie	n/a	ORD -13,872	-13,872
09-May-23	BlackRock Fund Advisors	in specie	n/a	ORD -6,936	-6,936
09-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD 2,462	2,462
09-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD 2,688	2,688
09-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD 1,680	1,680
09-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD 910	910
09-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -1,298	-1,298
09-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -5,654	-5,654
09-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD 4,703	4,703
09-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD 816	816
09-May-23	BlackRock Fund Advisors	on mkt buy	5.23	ORD 30,749	30,749
09-May-23	BlackRock Fund Advisors	on mkt buy	5.23	ORD 35,172	35,172
09-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.23	ORD 166,637	166,637
09-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 34,043	34,043
09-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 823,584	823,584
09-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 132,376	132,376
09-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,429	7,145
09-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 230	1,150
10-May-23	BlackRock Fund Advisors	in specie	n/a	ORD 1,342	1,342
10-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.19	ORD 3,527	3,527
10-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD -2,716	-2,716
10-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD -5,654	-5,654
10-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD 4,705	4,705
10-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD -3,510	-3,510
10-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD -15,924	-15,924
10-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD -341	-341
10-May-23	BlackRock Fund Advisors	on mkt buy	5.21	ORD 75,797	75,797
10-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 551,627	551,627
10-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 35,648	35,648
10-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -511,220	-511,220
10-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,064	20,320
10-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 213	1,065
11-May-23	BlackRock Fund Advisors	in specie	n/a	ORD 44,883	44,883

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11-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD	-4	-4
11-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD	-780	-780
11-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	4,721	4,721
11-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	771	771
11-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-142,702	-142,702
11-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-859,232	-859,232
11-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	560,101	560,101
11-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,310	6,550
11-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,447	7,234
12-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	247,296	247,296
12-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-26,866	-26,866
12-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	18,090	18,090
12-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	13,960	13,960
12-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD	13,149	13,149
12-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD	1,129	1,129
12-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.22	ORD	-754	-754
12-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.22	ORD	-121	-121
12-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.22	ORD	-135	-135
12-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.25	ORD	9,050	9,050
12-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22	ORD	-4,572	-4,572
12-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.22	ORD	2,444	2,444
12-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22	ORD	-1,784	-1,784
12-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22	ORD	-6,272	-6,272
12-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.23	ORD	533	533
12-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.23	ORD	2,892	2,892
12-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	30,150	30,150
12-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-482,697	-482,697
12-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	871,346	871,346
12-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-64,009	-64,009
12-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	560,116	560,116
12-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-21	-105
12-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	38	190
15-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,342	1,342
15-May-23	BlackRock Fund Advisors	on mkt buy	5.22	ORD	38,983	38,983
15-May-23	BlackRock Fund Advisors	on mkt buy	5.22	ORD	33,405	33,405
15-May-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-21,703	-21,703
15-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-25,320	-25,320
15-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	4,455	4,455
15-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-1,921	-1,921
15-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-132,961	-132,961
15-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-560,116	-560,116
15-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	8,503	42,515
15-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,580	7,900
16-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	6,936	6,936
16-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.22	ORD	38,654	38,654
16-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.22	ORD	32	32
16-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22	ORD	-386	-386
16-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.22	ORD	4,721	4,721
16-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.22	ORD	-3,209	-3,209
16-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	18,122	18,122

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16-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	428,628	428,628
16-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-324	-324
16-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1	-1
16-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,379	16,895
16-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	83	415
17-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	3,400	3,400
17-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.20	ORD	3,783	3,783
17-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.21	ORD	1,198	1,198
17-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.21	ORD	161	161
17-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.21	ORD	163	163
17-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD	4	4
17-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.21	ORD	14,842	14,842
17-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.18	ORD	5,784	5,784
17-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	7,136	7,136
17-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-428,628	-428,628
17-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-1,467	-1,467
17-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1	1
17-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,212	21,060
17-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-159	-795
17-May-23	APERIO GROUP LLC	in specie	n/a	ORD	70,761	70,761
18-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	11,609	11,609
18-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.22	ORD	25,664	25,664
18-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.22	ORD	8	8
18-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22	ORD	-1,304	-1,304
18-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.22	ORD	4,722	4,722
18-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22	ORD	-20,445	-20,445
18-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.22	ORD	9,064	9,064
18-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.23	ORD	8,194	8,194
18-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	15,181	15,181
18-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-619	-619
18-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-363,131	-363,131
18-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,749	23,745
18-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	427	2,135
19-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	-17,538	-17,538
19-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	83,232	83,232
19-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.24	ORD	34,821	34,821
19-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.24	ORD	9,453	9,453
19-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.22	ORD	10,868	10,868
19-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.22	ORD	8,939	8,939
19-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.22	ORD	6,569	6,569
19-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.22	ORD	2,403	2,403
19-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.24	ORD	731	731
19-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.24	ORD	148	148

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19-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.24 ORD 134	134
19-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.25 ORD 8	8
19-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25 ORD -4,537	-4,537
19-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.25 ORD 4,708	4,708
19-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.25 ORD -3,796	-3,796
19-May-23	BlackRock Fund Advisors	on mkt buy	5.25 ORD 46,387	46,387
19-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 880,072	880,072
19-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD -867,015	-867,015
19-May-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 3,532	17,660
19-May-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 669	3,345
22-May-23	BlackRock Fund Advisors	in specie	n/a ORD 20,808	20,808
22-May-23	BlackRock Fund Advisors	in specie	n/a ORD 7,552	7,552
22-May-23	BlackRock Fund Advisors	in specie	n/a ORD 1,888	1,888
22-May-23	BlackRock Fund Advisors	in specie	n/a ORD -1,374	-1,374
22-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.25 ORD 3,639	3,639
22-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.25 ORD 14,166	14,166
22-May-23	BlackRock Fund Advisors	on mkt buy	5.25 ORD 663	663
22-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.25 ORD 3,849	3,849
22-May-23	BlackRock Fund Advisors	in specie	n/a ORD 9,440	9,440
22-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -339,123	-339,123
22-May-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 859	4,295
22-May-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -45	-225
23-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.22 ORD 24,697	24,697
23-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.23 ORD -2,436	-2,436
23-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.23 ORD 473	473
23-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.23 ORD -21,591	-21,591
23-May-23	BlackRock Fund Advisors	on mkt buy	5.23 ORD 30,372	30,372
23-May-23	BlackRock Asset Management Canada Limited	on mkt buy	5.23 ORD 4,006	4,006
23-May-23	BlackRock Investment Management, LLC	on mkt buy	5.23 ORD 12,020	12,020
23-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 203,600	203,600
23-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD 1,982	1,982
23-May-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 3,856	19,280
23-May-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 167	835
24-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.24 ORD 188	188
24-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.24 ORD 30	30
24-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.26 ORD 3,118	3,118
24-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26 ORD 1,098	1,098
24-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26 ORD 3,279	3,279
24-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.26 ORD 389	389
24-May-23	BlackRock Fund Advisors	in specie	n/a ORD 1,812	1,812
24-May-23	BlackRock Fund Advisors	in specie	n/a ORD 4,530	4,530
24-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.25 ORD 168,963	168,963
24-May-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.25 ORD 7,613	7,613
24-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25 ORD -1,406	-1,406
24-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25 ORD -9,102	-9,102
24-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25 ORD -4,723	-4,723
24-May-23	BlackRock Asset Management Canada Limited	on mkt sell	5.25 ORD -12,254	-12,254

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24-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.25	ORD -6,504	-6,504
24-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD -4,793	-4,793
24-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -622,986	-622,986
24-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 44,751	44,751
24-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 195	975
24-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 234	1,170
25-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.25	ORD 24,641	24,641
25-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.25	ORD 7,381	7,381
25-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.26	ORD 112,225	112,225
25-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.27	ORD 11,568	11,568
25-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD -27,756	-27,756
25-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD 1,744	1,744
25-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD 22,708	22,708
25-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.26	ORD -36,963	-36,963
25-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD 164,216	164,216
25-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.27	ORD 533	533
25-May-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -93,545	-93,545
25-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -121,563	-121,563
25-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 358,877	358,877
25-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 9,199	45,995
25-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 312	1,560
26-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.27	ORD 22,534	22,534
26-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.27	ORD 3,935	3,935
26-May-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.27	ORD 28,562	28,562
26-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.26	ORD 5,177	5,177
26-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.23	ORD -821	-821
26-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.23	ORD -120	-120
26-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.23	ORD -157	-157
26-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -3,915	-3,915
26-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.23	ORD -5,383	-5,383
26-May-23	BlackRock Fund Advisors	on mkt buy	5.23	ORD 44,916	44,916
26-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.23	ORD -6,993	-6,993
26-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 841,772	841,772
26-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -405,610	-405,610
26-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,182,971	5,914,855
26-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 94,892	474,459
26-May-23	APERIO GROUP LLC	in specie	n/a	ORD 80,947	80,947
26-May-23	APERIO GROUP LLC	in specie	n/a	ORD 1,930,366	1,930,366
29-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.27	ORD 1,446	1,446
29-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -127,628	-127,628
29-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 893,015	893,015

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30-May-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	-25,594	-25,594
30-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,811	2,811
30-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD	-2,650	-2,650
30-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD	-409	-409
30-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD	-408	-408
30-May-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.25	ORD	7,614	7,614
30-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	2,432	2,432
30-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD	-8,853	-8,853
30-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-714,143	-714,143
30-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-10,129	-10,129
30-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,171,183	-5,855,915
30-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-90,839	-454,194
30-May-23	APERIO GROUP LLC	in specie	n/a	ORD	-80,947	-80,947
30-May-23	APERIO GROUP LLC	in specie	n/a	ORD	-1,930,366	-1,930,366
31-May-23	BlackRock Fund Advisors	in specie	n/a	ORD	8,208	8,208
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19	ORD	6,470	6,470
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.20	ORD	11,274	11,274
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD	-7,018	-7,018
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD	-24,167	-24,167
31-May-23	BlackRock Asset Management Canada Limited	on mkt sell	5.16	ORD	-27,722	-27,722
31-May-23	BlackRock Fund Advisors	on mkt sell	5.16	ORD	-49,798	-49,798
31-May-23	BlackRock Fund Advisors	on mkt sell	5.16	ORD	-123,980	-123,980
31-May-23	BlackRock Asset Management Canada Limited	on mkt sell	5.16	ORD	-2,719	-2,719
31-May-23	BlackRock Asset Management Canada Limited	on mkt sell	5.16	ORD	-21,097	-21,097
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-80,394	-80,394
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-16,529	-16,529
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-3,513	-3,513
31-May-23	BlackRock Fund Advisors	on mkt sell	5.16	ORD	-951,731	-951,731
31-May-23	BlackRock Fund Advisors	on mkt sell	5.16	ORD	-142,893	-142,893
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-17,898	-17,898
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-13,971	-13,971
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-5,753	-5,753
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-5,141	-5,141
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-6,332	-6,332
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD	-55,597	-55,597
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD	-22,818	-22,818
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.16	ORD	-3,575	-3,575
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-8,290	-8,290
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.18	ORD	-12,050	-12,050
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-4,569	-4,569

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31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -54,828	-54,828
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -52	-52
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -2,520	-2,520
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -4,755	-4,755
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 2,184	2,184
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD -3,778	-3,778
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD -13,020	-13,020
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	5.16	ORD 35,214	35,214
31-May-23	BlackRock Asset Management Canada Limited	on mkt sell	5.16	ORD -14,936	-14,936
31-May-23	BlackRock Fund Advisors	on mkt sell	5.16	ORD -26,836	-26,836
31-May-23	BlackRock Fund Advisors	on mkt buy	5.16	ORD 110,405	110,405
31-May-23	BlackRock Fund Advisors	on mkt sell	5.16	ORD -66,827	-66,827
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	5.16	ORD 2,130	2,130
31-May-23	BlackRock Asset Management Canada Limited	on mkt sell	5.16	ORD -1,460	-1,460
31-May-23	BlackRock Asset Management Canada Limited	on mkt buy	5.16	ORD 46	46
31-May-23	BlackRock Asset Management Canada Limited	on mkt sell	5.16	ORD -11,366	-11,366
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -43,336	-43,336
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -8,905	-8,905
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -1,888	-1,888
31-May-23	BlackRock Fund Advisors	on mkt sell	5.16	ORD -513,010	-513,010
31-May-23	BlackRock Fund Advisors	on mkt sell	5.16	ORD -77,019	-77,019
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD -9,643	-9,643
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD -7,523	-7,523
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD -3,098	-3,098
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD -2,766	-2,766
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD 16,836	16,836
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD 4,765	4,765
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD -27,897	-27,897
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD -3,408	-3,408
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD -29,961	-29,961
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD -12,294	-12,294
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.16	ORD 6,737	6,737
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.16	ORD -1,922	-1,922
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD -4,463	-4,463
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 29,597	29,597
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.16	ORD 10,962	10,962
31-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 94,402	94,402
31-May-23	BlackRock Fund Advisors	on mkt buy	5.16	ORD 319,291	319,291
31-May-23	BlackRock Investment Management, LLC	on mkt buy	5.16	ORD 3,821	3,821
31-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.16	ORD 61,343	61,343

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD	-2,975	-2,975
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD	-10,248	-10,248
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-34,097	-34,097
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-7,009	-7,009
31-May-23	BlackRock Fund Advisors	on mkt sell	5.16	ORD	-403,647	-403,647
31-May-23	BlackRock Fund Advisors	on mkt sell	5.16	ORD	-60,602	-60,602
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-2,439	-2,439
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-2,179	-2,179
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-6,481	-6,481
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-2,684	-2,684
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD	-23,577	-23,577
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.16	ORD	-9,676	-9,676
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.16	ORD	-1,514	-1,514
31-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,516,445	1,516,445
31-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	2,504	2,504
31-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	9,610	48,050
31-May-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	356	1,780
01-Jun-23	BlackRock Fund Advisors	on mkt sell	5.21	ORD	-5,960	-5,960
01-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.25	ORD	-279	-279
01-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.25	ORD	-963	-963
01-Jun-23	BlackRock Asset Management Canada Limited	on mkt sell	5.25	ORD	-1,105	-1,105
01-Jun-23	BlackRock Fund Advisors	on mkt sell	5.25	ORD	-1,987	-1,987
01-Jun-23	BlackRock Fund Advisors	on mkt sell	5.25	ORD	-4,947	-4,947
01-Jun-23	BlackRock Asset Management Canada Limited	on mkt sell	5.25	ORD	-108	-108
01-Jun-23	BlackRock Asset Management Canada Limited	on mkt sell	5.25	ORD	-841	-841
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-3,208	-3,208
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-659	-659
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD	-139	-139
01-Jun-23	BlackRock Fund Advisors	on mkt sell	5.25	ORD	-37,975	-37,975
01-Jun-23	BlackRock Fund Advisors	on mkt sell	5.25	ORD	-5,701	-5,701
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD	-713	-713
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD	-557	-557
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD	-229	-229
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD	-204	-204
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD	-252	-252
01-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.25	ORD	-2,218	-2,218
01-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.25	ORD	-910	-910
01-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.25	ORD	-142	-142
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD	-330	-330

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
01-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.26	ORD 26,303	26,303
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.25	ORD 9,120	9,120
01-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.25	ORD 37,868	37,868
01-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.25	ORD 111,155	111,155
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD -13,193	-13,193
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD -105,544	-105,544
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD 52	52
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD 3,765	3,765
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.28	ORD -7,833	-7,833
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.28	ORD 24,392	24,392
01-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.26	ORD 1,928	1,928
01-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD 64,308	64,308
01-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -740,532	-740,532
01-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 54,586	54,586
01-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 5,743	28,715
01-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,432	12,160
01-Jun-23	APERIO GROUP LLC	in specie	n/a	ORD 79,374	79,374
01-Jun-23	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	ORD -63,967	-63,967
02-Jun-23	BlackRock Fund Advisors	on mkt sell	5.27	ORD -4,910	-4,910
02-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD -10,284	-10,284
02-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.20	ORD -1,731	-1,731
02-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.20	ORD -5,964	-5,964
02-Jun-23	BlackRock Asset Management Canada Limited	on mkt sell	5.20	ORD -6,841	-6,841
02-Jun-23	BlackRock Fund Advisors	on mkt sell	5.20	ORD -12,287	-12,287
02-Jun-23	BlackRock Fund Advisors	on mkt sell	5.20	ORD -30,601	-30,601
02-Jun-23	BlackRock Asset Management Canada Limited	on mkt sell	5.20	ORD -670	-670
02-Jun-23	BlackRock Asset Management Canada Limited	on mkt sell	5.20	ORD -5,206	-5,206
02-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.20	ORD -19,843	-19,843
02-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.20	ORD -4,078	-4,078
02-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.20	ORD -866	-866
02-Jun-23	BlackRock Fund Advisors	on mkt sell	5.20	ORD -234,912	-234,912
02-Jun-23	BlackRock Fund Advisors	on mkt sell	5.20	ORD -35,269	-35,269
02-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20	ORD -4,417	-4,417
02-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20	ORD -3,446	-3,446
02-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20	ORD -1,419	-1,419
02-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20	ORD -1,268	-1,268
02-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20	ORD -1,562	-1,562
02-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.20	ORD -13,719	-13,719
02-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.20	ORD -5,631	-5,631
02-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.20	ORD -881	-881
02-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20	ORD -2,045	-2,045
02-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.23	ORD 8,196	8,196

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02-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.23	ORD 20,444	20,444
02-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.23	ORD 2,483	2,483
02-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.23	ORD 13,363	13,363
02-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20	ORD -266,843	-266,843
02-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20	ORD -42,824	-42,824
02-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20	ORD -42,561	-42,561
02-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.20	ORD 9,110	9,110
02-Jun-23	BlackRock Asset Management Canada Limited	on mkt sell	5.20	ORD -75,785	-75,785
02-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.20	ORD 20,882	20,882
02-Jun-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -91,740	-91,740
02-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD 129,177	129,177
02-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -775,914	-775,914
02-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -939,976	-939,976
02-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 7,463	37,315
02-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 958	4,790
05-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.20	ORD -37,868	-37,868
05-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.20	ORD 55,162	55,162
05-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.20	ORD -5,543	-5,543
05-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 6,186	30,930
05-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,025	10,125
06-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD 32,177	32,177
06-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD -36,120	-36,120
06-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20	ORD -2,035	-2,035
06-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20	ORD -308	-308
06-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20	ORD -320	-320
06-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD 9,094	9,094
06-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD 4,565	4,565
06-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.21	ORD 12	12
06-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.21	ORD -1,130	-1,130
06-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.21	ORD 1,334	1,334
06-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.21	ORD 18,453	18,453
06-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 5,821	29,105
06-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 472	2,360
07-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD -24,470	-24,470
07-Jun-23	BlackRock Fund Advisors	on mkt sell	5.17	ORD -5,195	-5,195
07-Jun-23	BlackRock Fund Advisors	on mkt sell	5.17	ORD -55,926	-55,926
07-Jun-23	BlackRock Fund Advisors	on mkt sell	5.17	ORD -214,318	-214,318
07-Jun-23	BlackRock Fund Advisors	on mkt sell	5.17	ORD -30,385	-30,385
07-Jun-23	BlackRock Fund Advisors	on mkt sell	5.17	ORD -21,110	-21,110
07-Jun-23	BlackRock Fund Advisors	on mkt sell	5.17	ORD -42,163	-42,163
07-Jun-23	BlackRock Fund Advisors	on mkt sell	5.17	ORD -421,646	-421,646
07-Jun-23	BlackRock Fund Advisors	on mkt sell	5.17	ORD -11,475	-11,475
07-Jun-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.17	ORD 7,617	7,617
07-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD 28	28
07-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD 2,345	2,345

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07-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17	ORD	-75,904	-75,904
07-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17	ORD	-14,232	-14,232
07-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	818	818
07-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17	ORD	14,715	14,715
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.17	ORD	2,892	2,892
07-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	649,340	649,340
07-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	293,730	293,730
07-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,789	8,945
07-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	673	3,365
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD	55,916	55,916
08-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD	3,360	3,360
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15	ORD	42,170	42,170
08-Jun-23	BlackRock Fund Advisors	on mkt buy	5.15	ORD	459	459
08-Jun-23	BlackRock Asset Management Canada Limited	on mkt buy	5.15	ORD	7,151	7,151
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD	-4,820	-4,820
08-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	ORD	394,116	394,116
08-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	18,928	18,928
08-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-113,590	-113,590
08-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	645,610	645,610
08-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,176	10,880
08-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,296	6,480
09-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	10,248	10,248
09-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	684	684
09-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	74	74
09-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	76	76
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.12	ORD	-5,784	-5,784
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD	40,573	40,573
09-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD	174,955	174,955
09-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-535,750	-535,750
09-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-939,340	-939,340
09-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	397,357	397,357
09-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-272	-1,360
09-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	864	4,320
12-Jun-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-575,027	-575,027
12-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	10,976	10,976
12-Jun-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	57,417	57,417
12-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	1,685	1,685
12-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.12	ORD	-5,479	-5,479
12-Jun-23	BlackRock Investment Management, LLC	on mkt sell	5.12	ORD	-31,916	-31,916
12-Jun-23	BlackRock Fund Advisors	on mkt buy	5.12	ORD	578	578
12-Jun-23	BlackRock Fund Advisors	on mkt buy	5.12	ORD	31,916	31,916
12-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	313,104	313,104
12-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	222,647	222,647
12-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,872	9,360
12-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5	25

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
13-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD	62,828	62,828
13-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	548	548
13-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD	-33,840	-33,840
13-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD	46,721	46,721
13-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-313,104	-313,104
13-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-620,004	-620,004
13-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,148	-10,740
13-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	414	2,070
14-Jun-23	BlackRock Fund Advisors	on mkt sell	5.12	ORD	-1,478	-1,478
14-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.09	ORD	-5,025	-5,025
14-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-10,868	-10,868
14-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-3,161	-3,161
14-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.10	ORD	-20,444	-20,444
14-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.10	ORD	-2,114	-2,114
14-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.09	ORD	-1,338	-1,338
14-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.10	ORD	91,957	91,957
14-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	673	673
14-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	114	114
14-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	128	128
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	1,680	1,680
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	912	912
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD	-1,332	-1,332
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD	-4,753	-4,753
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD	-4,753	-4,753
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	1,068	1,068
14-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD	76,684	76,684
14-Jun-23	BlackRock Asset Management Deutschland AG	on mkt sell	5.12	ORD	-28,782	-28,782
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD	-45,596	-45,596
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD	-319	-319
14-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	153,882	153,882
14-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	930,900	930,900
14-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,624	18,120
14-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	66	330
15-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	153,318	153,318
15-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12	ORD	-768	-768
15-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	3,696	3,696
15-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	1,241	1,241
15-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.13	ORD	89,466	89,466
15-Jun-23	BlackRock Fund Advisors	on mkt sell	5.12	ORD	-14,387	-14,387
15-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-6,628	-6,628
15-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,731	23,655
15-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	998	4,990
16-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	76,659	76,659
16-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.12	ORD	52,009	52,009
16-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	199	199
16-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	29	29

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
16-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.12 ORD -30,781	-30,781
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11 ORD -8,491	-8,491
16-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11 ORD -2,736	-2,736
16-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.12 ORD -459	-459
16-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.11 ORD -1,229	-1,229
16-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12 ORD 2,696	2,696
16-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12 ORD -9,504	-9,504
16-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12 ORD -20,378	-20,378
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12 ORD 304,914	304,914
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12 ORD 89,466	89,466
16-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.12 ORD 314,314	314,314
16-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -2,052	-2,052
16-Jun-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,233,348	6,166,740
16-Jun-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 106,668	533,339
16-Jun-23	APERIO GROUP LLC	in specie	n/a ORD 80,947	80,947
16-Jun-23	APERIO GROUP LLC	in specie	n/a ORD 2,009,740	2,009,740
19-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12 ORD -13,752	-13,752
19-Jun-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.12 ORD 7,489	7,489
19-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12 ORD 20,689	20,689
19-Jun-23	BlackRock Fund Advisors	on mkt buy	5.12 ORD 31,419	31,419
19-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15 ORD 2,169	2,169
19-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15 ORD -1,343	-1,343
19-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 377,710	377,710
20-Jun-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.14 ORD 7,489	7,489
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14 ORD 1,776	1,776
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14 ORD 2,664	2,664
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.14 ORD -4,752	-4,752
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14 ORD 1,084	1,084
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14 ORD 1,221	1,221
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14 ORD 814	814
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.14 ORD -24,782	-24,782
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14 ORD 7,906	7,906
20-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.14 ORD 5,656	5,656
20-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.14 ORD -12,923	-12,923
20-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14 ORD -3,374	-3,374
20-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -1,299,930	-1,299,930
20-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD 927,440	927,440
20-Jun-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,237,386	-6,186,930
20-Jun-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -105,589	-527,944
20-Jun-23	APERIO GROUP LLC	in specie	n/a ORD -6,439	-6,439
20-Jun-23	APERIO GROUP LLC	in specie	n/a ORD -2,009,740	-2,009,740
21-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11 ORD -19,687	-19,687
21-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11 ORD -25,613	-25,613
21-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.13 ORD -644	-644

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21-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.13 ORD -96	-96
21-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.13 ORD -129	-129
21-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.15 ORD 3,417	3,417
21-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11 ORD -27,498	-27,498
21-Jun-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.11 ORD 7,489	7,489
21-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11 ORD 51,450	51,450
21-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11 ORD 11,025	11,025
21-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11 ORD 2,016	2,016
21-Jun-23	BlackRock Advisors (UK) Limited	in specie	n/a ORD -10,430	-10,430
21-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 922,096	922,096
21-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD -2,008	-2,008
21-Jun-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 444	2,220
21-Jun-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 784	3,920
22-Jun-23	BlackRock Fund Advisors	in specie	n/a ORD -13,166	-13,166
22-Jun-23	BlackRock Fund Advisors	in specie	n/a ORD 10,094	10,094
22-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.09 ORD 331,243	331,243
22-Jun-23	BlackRock Asset Management Canada Limited	on mkt buy	5.09 ORD 66,649	66,649
22-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.06 ORD 37,169	37,169
22-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09 ORD 16	16
22-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09 ORD 7,077	7,077
22-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09 ORD 39,420	39,420
22-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -922,096	-922,096
22-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD 183,241	183,241
22-Jun-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -2,602	-13,010
22-Jun-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 437	2,185
23-Jun-23	BlackRock Fund Advisors	in specie	n/a ORD -13,166	-13,166
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10 ORD 18,373	18,373
23-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.08 ORD -11,943	-11,943
23-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.08 ORD -21,599	-21,599
23-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.12 ORD 9,776	9,776
23-Jun-23	BlackRock Fund Advisors	on mkt buy	5.12 ORD 1,731	1,731
23-Jun-23	BlackRock Fund Advisors	on mkt buy	5.12 ORD 4,320	4,320
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12 ORD -18,284	-18,284
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12 ORD 12	12
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12 ORD -890	-890
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.12 ORD -4,735	-4,735
23-Jun-23	BlackRock Fund Advisors	on mkt buy	5.12 ORD 43,391	43,391
23-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10 ORD -1,066	-1,066
23-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD -180,423	-180,423
23-Jun-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 524	2,620
23-Jun-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,572	7,860
26-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08 ORD -216	-216
26-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08 ORD -35	-35
26-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08 ORD -28	-28
26-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.07 ORD 37,636	37,636

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26-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	ORD	56,903	56,903
26-Jun-23	BlackRock Fund Advisors	on mkt buy	5.08	ORD	63,190	63,190
26-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	1,705	1,705
26-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	170,856	170,856
26-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	5,430	5,430
26-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	626,442	626,442
26-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	211	1,055
26-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-539	-2,695
27-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD	186,455	186,455
27-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.08	ORD	-6,715	-6,715
27-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	52,116	52,116
27-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	39,087	39,087
27-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	3,370	3,370
27-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	3,033	3,033
27-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-71,873	-71,873
27-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	779,795	779,795
27-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	562,746	562,746
27-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-626,442	-626,442
27-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,110	5,550
27-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	72	360
28-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	-39,498	-39,498
28-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	10,094	10,094
28-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	7,210	7,210
28-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD	438	438
28-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD	59	59
28-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD	74	74
28-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.12	ORD	-15,331	-15,331
28-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	8,264	8,264
28-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	3,342	3,342
28-Jun-23	BlackRock Japan Co., Ltd.	on mkt sell	5.10	ORD	-215,559	-215,559
28-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-4,751	-4,751
28-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10	ORD	-5,078	-5,078
28-Jun-23	BlackRock Asset Management Canada Limited	on mkt sell	5.10	ORD	-53,868	-53,868
28-Jun-23	BlackRock Fund Advisors	on mkt buy	5.10	ORD	739	739
28-Jun-23	BlackRock Investment Management, LLC	on mkt buy	5.10	ORD	11,665	11,665
28-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.13	ORD	-1,446	-1,446
28-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.13	ORD	-12,694	-12,694
28-Jun-23	BlackRock Fund Advisors	in specie	n/a	ORD	-10,128	-10,128
28-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,724	-1,724
28-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	2,030	2,030
28-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,472	7,360
28-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	34	170
29-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	10,419	10,419
29-Jun-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.11	ORD	34,107	34,107
29-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD	-22,890	-22,890
29-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD	-3,723	-3,723

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29-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD	-18,616	-18,616
29-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.08	ORD	25,078	25,078
29-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD	1,257	1,257
29-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-924,379	-924,379
29-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	3,710	3,710
29-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-76	-380
29-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-675	-3,375
30-Jun-23	BlackRock Japan Co., Ltd.	on mkt sell	5.08	ORD	-215,559	-215,559
30-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	ORD	596	596
30-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	ORD	111	111
30-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	ORD	102	102
30-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.09	ORD	56,260	56,260
30-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.09	ORD	2,347	2,347
30-Jun-23	BlackRock Asset Management Canada Limited	on mkt buy	5.09	ORD	344,004	344,004
30-Jun-23	BlackRock Asset Management Canada Limited	on mkt buy	5.09	ORD	2,327	2,327
30-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD	747	747
30-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD	-9,206	-9,206
30-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD	-10,935	-10,935
30-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD	-34,020	-34,020
30-Jun-23	BlackRock Asset Management Canada Limited	on mkt sell	5.09	ORD	-74,456	-74,456
30-Jun-23	BlackRock Investment Management, LLC	on mkt sell	5.09	ORD	-9,684	-9,684
30-Jun-23	BlackRock Investment Management, LLC	on mkt sell	5.09	ORD	-12,759	-12,759
30-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.09	ORD	-8,678	-8,678
30-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.09	ORD	-50,513	-50,513
30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07	ORD	482	482
30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.07	ORD	-2,527	-2,527
30-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	173,605	173,605
30-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-130,344	-130,344
30-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-3,933	-19,665
30-Jun-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,922	-9,610
03-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	10,904	10,904
03-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.10	ORD	-6,414	-6,414
03-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.10	ORD	36,049	36,049
03-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD	36	36
03-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD	2,352	2,352
03-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD	3,735	3,735
03-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD	818	818
03-Jul-23	BlackRock Fund Advisors	on mkt buy	5.14	ORD	35,679	35,679
03-Jul-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	32,030	32,030
03-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	731,534	731,534
03-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-46,026	-46,026
03-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,238,704	6,193,520
03-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	106,702	533,509

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03-Jul-23	APERIO GROUP LLC	in specie	n/a	ORD	155,455	155,455
03-Jul-23	APERIO GROUP LLC	in specie	n/a	ORD	2,009,740	2,009,740
04-Jul-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.06	ORD	7,492	7,492
04-Jul-23	BlackRock Fund Advisors	on mkt buy	5.06	ORD	635	635
04-Jul-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.06	ORD	23,021	23,021
04-Jul-23	BlackRock Investment Management, LLC	on mkt buy	5.06	ORD	5,047	5,047
04-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	418	418
04-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-93,481	-93,481
05-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	8,238	8,238
05-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.07	ORD	-903	-903
05-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.07	ORD	-1,944	-1,944
05-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.07	ORD	-1,360	-1,360
05-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	116	116
05-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	1,640	1,640
05-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-4,710	-4,710
05-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.10	ORD	-5,994	-5,994
05-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.10	ORD	12,640	12,640
05-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.07	ORD	-16,811	-16,811
05-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-747,990	-747,990
05-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	85,936	85,936
05-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,227,593	-6,137,965
05-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-106,612	-533,059
05-Jul-23	APERIO GROUP LLC	in specie	n/a	ORD	-155,455	-155,455
05-Jul-23	APERIO GROUP LLC	in specie	n/a	ORD	-2,009,740	-2,009,740
06-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,684	2,684
06-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	383,695	383,695
06-Jul-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.09	ORD	72,726	72,726
06-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05	ORD	-77,631	-77,631
06-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.03	ORD	-4,503	-4,503
06-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.03	ORD	-4,503	-4,503
06-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.03	ORD	-9,006	-9,006
06-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	1,014	1,014
06-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	4,056	4,056
06-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.03	ORD	-1,401	-1,401
06-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.03	ORD	-2,863	-2,863
06-Jul-23	BlackRock Fund Advisors	on mkt buy	5.03	ORD	508	508
06-Jul-23	BlackRock Fund Advisors	on mkt buy	5.03	ORD	31,900	31,900
06-Jul-23	BlackRock Fund Advisors	on mkt buy	5.03	ORD	24,956	24,956
06-Jul-23	BlackRock Fund Advisors	on mkt buy	5.03	ORD	33,634	33,634
06-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	878,824	878,824
06-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-407,350	-407,350
06-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,290	6,450
06-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-885	-4,425
07-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	ORD	962	962
07-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	ORD	137	137
07-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	ORD	130	130
07-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	ORD	-5,675	-5,675

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07-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.01	ORD -25,148	-25,148
07-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.01	ORD -32,369	-32,369
07-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD 8	8
07-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD -9,012	-9,012
07-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD -4,710	-4,710
07-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD 544	544
07-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD -3,223	-3,223
07-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -1,060,934	-1,060,934
07-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -10,549	-10,549
07-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 1	1
07-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -7,849	-39,245
07-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -505	-2,525
07-Jul-23	APERIO GROUP LLC	in specie	n/a	ORD -24,783	-24,783
10-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD 9,669	9,669
10-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.00	ORD 32,328	32,328
10-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD -26,958	-26,958
10-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD 2,380	2,380
10-Jul-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.01	ORD 5,293	5,293
10-Jul-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -2,330	-2,330
10-Jul-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -18,632	-18,632
10-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -4	-4
10-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 4,700	4,700
10-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -1	-1
10-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -51	-255
10-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,553	7,765
11-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 13,630	13,630
11-Jul-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.01	ORD 51,463	51,463
11-Jul-23	BlackRock Fund Advisors	on mkt buy	5.01	ORD 4,316	4,316
11-Jul-23	BlackRock Fund Advisors	on mkt buy	5.01	ORD 49,130	49,130
11-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01	ORD 1,253	1,253
11-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD -2,094	-2,094
11-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.01	ORD -1,446	-1,446
11-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.01	ORD 76,820	76,820
11-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -1	-1
11-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -905,052	-905,052
11-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,823	24,115
11-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 136	680
12-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 6,865	6,865
12-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	ORD 1,184	1,184
12-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	ORD 200	200
12-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	ORD 200	200
12-Jul-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.00	ORD 263	263
12-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD -13,446	-13,446
12-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD -4,482	-4,482
12-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD -1,996	-1,996
12-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD 253	253

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12-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.01	ORD 83,287	83,287
12-Jul-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.01	ORD -27,913	-27,913
12-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.00	ORD -35,331	-35,331
12-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 876,728	876,728
12-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -83	-415
12-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 248	1,240
13-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD -29,766	-29,766
13-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 4,092	4,092
13-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.03	ORD -11,782	-11,782
13-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 13,151	13,151
13-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD -9,434	-9,434
13-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 504	504
13-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.04	ORD 1,446	1,446
13-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -935	-935
13-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,540	12,700
13-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 601	3,005
13-Jul-23	APERIO GROUP LLC	in specie	n/a	ORD 17,585	17,585
14-Jul-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.06	ORD 347	347
14-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 1,256,782	1,256,782
14-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 118,512	118,512
14-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,458	7,290
14-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 29	145
17-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 8,244	8,244
17-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD -44,649	-44,649
17-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 17,064	17,064
17-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.01	ORD -27,691	-27,691
17-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.01	ORD 7,220	7,220
17-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD 13,152	13,152
17-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD 1,352	1,352
17-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD 910	910
17-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD 910	910
17-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD -4,708	-4,708
17-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD -4,708	-4,708
17-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD -4,725	-4,725
17-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD -9,450	-9,450
17-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD 542	542
17-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD -3,229	-3,229
17-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD -9,687	-9,687
17-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.01	ORD -723	-723
17-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -880,963	-880,963
17-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -118,512	-118,512
17-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 711	3,555
17-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -280	-1,400
18-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD -8,998	-8,998
18-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD 1,824	1,824
18-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD 2,616	2,616
18-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD 271	271
18-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.06	ORD -1,066	-1,066
18-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -381,321	-381,321
18-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 1,259,492	1,259,492
18-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,648	8,240

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18-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	243	1,215
19-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	-114,103	-114,103
19-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.06	ORD	-1,156	-1,156
19-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.06	ORD	-170	-170
19-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.06	ORD	-166	-166
19-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.05	ORD	-1,567	-1,567
19-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.05	ORD	-2,143	-2,143
19-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD	-22,495	-22,495
19-Jul-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.07	ORD	7,422	7,422
19-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	4,513	4,513
19-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	3,690	3,690
19-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	1,084	1,084
19-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	39,619	39,619
19-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-1,259,492	-1,259,492
19-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	568,992	568,992
19-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,537	12,685
19-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-22	-110
19-Jul-23	APERIO GROUP LLC	in specie	n/a	ORD	-75,700	-75,700
20-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	40,848	40,848
20-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	61,272	61,272
20-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	17,037	17,037
20-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.10	ORD	-29,216	-29,216
20-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD	59,741	59,741
20-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-20,788	-20,788
20-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-1,152	-1,152
20-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD	-39,459	-39,459
20-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	2,460	2,460
20-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	2,616	2,616
20-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD	-14,121	-14,121
20-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	1,227	1,227
20-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD	8,720	8,720
20-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD	2,425	2,425
20-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.11	ORD	3,374	3,374
20-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	10,212	10,212
20-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	20,424	20,424
20-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	822,551	822,551
20-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	3,034	3,034
20-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-568,992	-568,992
20-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	246	1,230
20-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	60	300
21-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	-49,610	-49,610
21-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	-44,649	-44,649
21-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	11,414	11,414
21-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	63,401	63,401
21-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD	57,070	57,070
21-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD	313	313
21-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD	58	58

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21-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD 53	53
21-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08	ORD -8,934	-8,934
21-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.08	ORD -12,168	-12,168
21-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08	ORD -5,177	-5,177
21-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.08	ORD -4,566	-4,566
21-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08	ORD -2,171	-2,171
21-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.08	ORD -4,579	-4,579
21-Jul-23	BlackRock Japan Co., Ltd.	on mkt sell	5.08	ORD -1,382	-1,382
21-Jul-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.09	ORD 7,469	7,469
21-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD -4,713	-4,713
21-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD -4,713	-4,713
21-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.09	ORD -4,713	-4,713
21-Jul-23	BlackRock Investment Management, LLC	on mkt buy	5.09	ORD 4,198	4,198
21-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -344,858	-344,858
21-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 319,564	319,564
21-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,659	13,295
21-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 293	1,465
24-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 9,958	9,958
24-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 69,706	69,706
24-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.10	ORD -27,795	-27,795
24-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD 1,241	1,241
24-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD 2,616	2,616
24-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -134,123	-134,123
24-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -241,820	-241,820
24-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -786	-3,930
24-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 88	440
25-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD 1,230	1,230
25-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD 910	910
25-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD -1,251	-1,251
25-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD -18,780	-18,780
25-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD -14,085	-14,085
25-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD -19,109	-19,109
25-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.08	ORD -533	-533
25-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	ORD 23,853	23,853
25-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -298,052	-298,052
25-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 314,958	314,958
25-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,486	7,430
25-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -54	-270
26-Jul-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 48,967	48,967
26-Jul-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 194,218	194,218
26-Jul-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.06	ORD -10,792	-10,792
26-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD 324	324
26-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD 36	36
26-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD 38	38

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26-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.06	ORD -10,253	-10,253
26-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.06	ORD -33,106	-33,106
26-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.06	ORD -930	-930
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.06	ORD 2,410	2,410
26-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD -13,151	-13,151
26-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD 56	56
26-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD 1,690	1,690
26-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD 910	910
26-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD 2,482	2,482
26-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.07	ORD -37,351	-37,351
26-Jul-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.07	ORD -5,908	-5,908
26-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.07	ORD -24,716	-24,716
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.06	ORD -1,205	-1,205
26-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 15,257	15,257
26-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 107,426	107,426
26-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -116,063	-116,063
26-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -395,736	-395,736
26-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 276	1,380
26-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,333	-11,665
27-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 9,932	9,932
27-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.12	ORD -65,128	-65,128
27-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 2,460	2,460
27-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 4,394	4,394
27-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 4,394	4,394
27-Jul-23	BlackRock Asset Management Canada Limited	on mkt buy	5.13	ORD 4,641	4,641
27-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 9,932	9,932
27-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -839,365	-839,365
27-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 551,572	551,572
27-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,140	-5,700
28-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -365	-365
28-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -66	-66
28-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -67	-67
28-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15	ORD 196,255	196,255
28-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 3,699	3,699
28-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 7,398	7,398
28-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 1,246	1,246
28-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 1,246	1,246
28-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.13	ORD 1,314	1,314
28-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 317,656	317,656
28-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -551,572	-551,572
28-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,591	7,955
28-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 130	650
31-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD -26,660	-26,660
31-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD -31,902	-31,902
31-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 8,244	8,244

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31-Jul-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.17	ORD 40,535	40,535
31-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 1,262	1,262
31-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 1,262	1,262
31-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 2,616	2,616
31-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD -18,840	-18,840
31-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD -753	-753
31-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD -2,045	-2,045
31-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.18	ORD 39,802	39,802
31-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD -7,845	-7,845
31-Jul-23	BlackRock Asset Management Canada Limited	on mkt sell	5.18	ORD -40,736	-40,736
31-Jul-23	BlackRock Fund Advisors	on mkt buy	5.18	ORD 33,003	33,003
31-Jul-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.18	ORD -5,707	-5,707
31-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.18	ORD -383	-383
31-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.18	ORD 8,344	8,344
31-Jul-23	BlackRock Fund Advisors	in specie	n/a	ORD 7,133	7,133
31-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 463,454	463,454
31-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,879	9,395
31-Jul-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -166	-830
01-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 1,252	1,252
01-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD -5,232	-5,232
01-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD -4,674	-4,674
01-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD -23,370	-23,370
01-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15	ORD 6,032	6,032
01-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.17	ORD 1,314	1,314
01-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 49,042	49,042
01-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,308	11,540
01-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 81	405
02-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD -34,797	-34,797
02-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD 6,168	6,168
02-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.18	ORD -218	-218
02-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.18	ORD -43	-43
02-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.18	ORD -38	-38
02-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD -7,178	-7,178
02-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD -22,620	-22,620
02-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD -128	-128
02-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 1,344	1,344
02-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 2,352	2,352
02-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD 2,016	2,016
02-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD -5,036	-5,036
02-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.18	ORD -1,184	-1,184
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD 1,928	1,928
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD 570	570
02-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -830,152	-830,152
02-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 179,167	179,167
02-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,752	23,760
02-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,188	5,940
03-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD -74,565	-74,565

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03-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.18	ORD	40,371	40,371
03-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17	ORD	-68	-68
03-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	1,218	1,218
03-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	4,704	4,704
03-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17	ORD	-20,110	-20,110
03-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17	ORD	4,033	4,033
03-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	771,080	771,080
03-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-179,167	-179,167
03-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,426	12,130
03-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,150	5,750
04-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-691	-691
04-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-84	-84
04-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-93	-93
04-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-4	-4
04-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-72	-72
04-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	3,690	3,690
04-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-542	-542
04-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	820	820
04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD	8,435	8,435
04-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-771,080	-771,080
04-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	772,044	772,044
04-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	6,700	33,500
04-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,076	5,380
07-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	14,901	14,901
07-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.18	ORD	28,493	28,493
07-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.18	ORD	5,216	5,216
07-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	616,159	616,159
07-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-772,044	-772,044
07-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	10,174	50,870
07-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,247	6,235
07-Aug-23	APERIO GROUP LLC	in specie	n/a	ORD	75,450	75,450
08-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	-24,514	-24,514
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD	13,014	13,014
08-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-4,678	-4,678
08-Aug-23	BlackRock Fund Advisors	on mkt buy	5.16	ORD	647	647
08-Aug-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.16	ORD	6,766	6,766
08-Aug-23	BlackRock Asset Management Canada Limited	on mkt buy	5.16	ORD	1,832	1,832
08-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD	-44,364	-44,364
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD	241	241
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD	1,928	1,928
08-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-418,111	-418,111
08-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-365	-1,825
08-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	341	1,705
09-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	-34,797	-34,797
09-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.14	ORD	276	276
09-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.14	ORD	252	252

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09-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	464,140	464,140
09-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	10,526	52,630
09-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	10	50
09-Aug-23	APERIO GROUP LLC	in specie	n/a	ORD	68,766	68,766
10-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	468	468
10-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD	1,108	1,108
10-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	158,869	158,869
10-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	776,672	776,672
10-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	2	2
10-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,400	-7,000
10-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-3,345	-16,725
10-Aug-23	APERIO GROUP LLC	in specie	n/a	ORD	-15,144	-15,144
11-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD	2,169	2,169
11-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD	151	151
11-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD	162	162
11-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.17	ORD	21,759	21,759
11-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-3,254	-3,254
11-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-48,668	-48,668
11-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-776,672	-776,672
11-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-2	-2
11-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,382	11,910
11-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	28	140
14-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	-34,797	-34,797
14-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.17	ORD	36,050	36,050
14-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD	-65,765	-65,765
14-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD	-1,258	-1,258
14-Aug-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.15	ORD	3,865	3,865
14-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.17	ORD	2,628	2,628
14-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-55,821	-55,821
14-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	719	3,595
14-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-132	-660
15-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	5,958	5,958
15-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15	ORD	17,654	17,654
15-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-26,298	-26,298
15-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	4,920	4,920
15-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	3,069	3,069
15-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-9,366	-9,366
15-Aug-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.16	ORD	9,963	9,963
15-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	798,966	798,966
15-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	2	2
15-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,247	-11,235
15-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	182	910
16-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,532	2,532
16-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	-32,274	-32,274
16-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	29,127	29,127
16-Aug-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-98,764	-98,764
16-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.14	ORD	13,867	13,867
16-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.13	ORD	31,680	31,680

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16-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.13	ORD 3,083	3,083
16-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -147	-147
16-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -59	-59
16-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -55	-55
16-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD 254,428	254,428
16-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -16	-16
16-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 1,216	1,216
16-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 3,260	3,260
16-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -18,745	-18,745
16-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16	ORD -22,709	-22,709
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD 1,928	1,928
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD 964	964
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.12	ORD -570	-570
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD 10,551	10,551
16-Aug-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -527,838	-527,838
16-Aug-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -79,759	-79,759
16-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 173,634	173,634
16-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -2	-2
16-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,939	9,695
16-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 251	1,255
17-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD -99,420	-99,420
17-Aug-23	BlackRock Japan Co., Ltd.	on mkt sell	5.10	ORD -6,078	-6,078
17-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07	ORD 52,659	52,659
17-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.07	ORD 36,051	36,051
17-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.06	ORD 77,175	77,175
17-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD 68	68
17-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD -1,257	-1,257
17-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD -2,608	-2,608
17-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD -2,608	-2,608
17-Aug-23	BlackRock Investment Management, LLC	on mkt buy	5.05	ORD 6,534	6,534
17-Aug-23	BlackRock Investment Management, LLC	on mkt sell	5.05	ORD -6,387	-6,387
17-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -86,648	-86,648
17-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -712	-3,560
17-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -695	-3,475
17-Aug-23	BlackRock International Limited	in specie	n/a	ORD -459,845	-459,845
18-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD 14,904	14,904
18-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD 9,936	9,936
18-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD 429	429
18-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD 66	66
18-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD 86	86
18-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07	ORD 39,934	39,934
18-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07	ORD 58,941	58,941

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18-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.08	ORD	1,674	1,674
18-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD	9,651	9,651
18-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.08	ORD	3,193	3,193
18-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	54,648	54,648
18-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-111,844	-111,844
18-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	153,600	153,600
18-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,464	22,320
18-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,047	10,235
21-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	15,156	15,156
21-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.03	ORD	49,950	49,950
21-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.03	ORD	89,051	89,051
21-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.03	ORD	38,873	38,873
21-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD	-1,257	-1,257
21-Aug-23	BlackRock Investment Management, LLC	on mkt buy	5.02	ORD	3,697	3,697
21-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	15,156	15,156
21-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-773,268	-773,268
21-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-153,600	-153,600
21-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-3,249	-16,245
21-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-267	-1,335
22-Aug-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.03	ORD	-106,113	-106,113
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.02	ORD	30,792	30,792
22-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD	-13,782	-13,782
22-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	76	76
22-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.02	ORD	-596	-596
22-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.02	ORD	-10,473	-10,473
22-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	ORD	596	596
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.00	ORD	-964	-964
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	ORD	1,687	1,687
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.00	ORD	-964	-964
22-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	82,040	82,040
22-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,326	16,630
22-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	998	4,990
22-Aug-23	APERIO GROUP LLC	in specie	n/a	ORD	-38,499	-38,499
23-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	-29,826	-29,826
23-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	-2,975	-2,975
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	62,544	62,544
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	49,905	49,905
23-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.05	ORD	30,987	30,987
23-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.05	ORD	5,078	5,078
23-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.05	ORD	45,096	45,096
23-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	ORD	204	204

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23-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	ORD 33	33
23-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	ORD 37	37
23-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 68	68
23-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 2,462	2,462
23-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD -1,372	-1,372
23-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD -4,499	-4,499
23-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD -2,608	-2,608
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD 1,928	1,928
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD 47,592	47,592
23-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD -54,620	-54,620
23-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -799,448	-799,448
23-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 616,586	616,586
23-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -4,546	-22,730
23-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 437	2,185
24-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD -26,660	-26,660
24-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD 1,306	1,306
24-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD 4,571	4,571
24-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD 77,293	77,293
24-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD 20,929	20,929
24-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.05	ORD 42,073	42,073
24-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.04	ORD 570	570
24-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 616,566	616,566
24-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -616,586	-616,586
24-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,146	-5,730
24-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 180	900
25-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD 10,068	10,068
25-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD 5,964	5,964
25-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.04	ORD -383	-383
25-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.04	ORD -65	-65
25-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.04	ORD -56	-56
25-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.03	ORD 48,042	48,042
25-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.03	ORD 74,888	74,888
25-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	ORD 25,714	25,714
25-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.03	ORD 40,591	40,591
25-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD -4,575	-4,575
25-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD 3,666	3,666
25-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.05	ORD -5,216	-5,216
25-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -616,566	-616,566
25-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -958	-4,790
25-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,407	7,035
28-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.05	ORD 9,560	9,560
28-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.03	ORD 36,973	36,973
28-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.03	ORD 25,704	25,704
28-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.03	ORD 42,118	42,118

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28-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,032	5,160
28-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,294	16,470
29-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	ORD	2,472	2,472
29-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	1,720	1,720
29-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	4,734	4,734
29-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	9,468	9,468
29-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	708,995	708,995
29-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	647,096	647,096
29-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	150	750
29-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-171	-855
30-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	-59,652	-59,652
30-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	-76,812	-76,812
30-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01	ORD	13,210	13,210
30-Aug-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.01	ORD	7,118	7,118
30-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	ORD	962	962
30-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	ORD	129	129
30-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.02	ORD	98	98
30-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.01	ORD	62,721	62,721
30-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.01	ORD	97,771	97,771
30-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	2,064	2,064
30-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	10,432	10,432
30-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	1,100	1,100
30-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.02	ORD	-963	-963
30-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-65,547	-65,547
30-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-647,096	-647,096
30-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	230,395	230,395
30-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	457,749	457,749
30-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,021	-10,105
30-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-425	-2,125
30-Aug-23	APERIO GROUP LLC	in specie	n/a	ORD	-28,830	-28,830
30-Aug-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-47,165	-47,165
31-Aug-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	227,769	227,769
31-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	-29,826	-29,826
31-Aug-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,684	2,684
31-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.04	ORD	31,045	31,045
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	57,184	57,184
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	77,475	77,475
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	21,051	21,051
31-Aug-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.05	ORD	41,797	41,797
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.06	ORD	7,780	7,780
31-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD	-4,592	-4,592
31-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	32	32
31-Aug-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.08	ORD	-136,371	-136,371

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31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	ORD 111,404	111,404
31-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD -13,303	-13,303
31-Aug-23	BlackRock Asset Management Canada Limited	on mkt buy	5.08	ORD 5,371	5,371
31-Aug-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.08	ORD -13,097	-13,097
31-Aug-23	BlackRock Fund Advisors	on mkt buy	5.08	ORD 796,561	796,561
31-Aug-23	BlackRock Asset Management Canada Limited	on mkt buy	5.08	ORD 9,496	9,496
31-Aug-23	BlackRock Asset Management Canada Limited	on mkt sell	5.08	ORD -2,633	-2,633
31-Aug-23	BlackRock Asset Management Canada Limited	on mkt sell	5.08	ORD -24	-24
31-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD -5,066	-5,066
31-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD 4,277	4,277
31-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD -531	-531
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD 55,507	55,507
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD 105,663	105,663
31-Aug-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.08	ORD 29,080	29,080
31-Aug-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.08	ORD 24,336	24,336
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD 19,226	19,226
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08	ORD -211,012	-211,012
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08	ORD -33,008	-33,008
31-Aug-23	BlackRock Fund Advisors	on mkt sell	5.08	ORD -37,169	-37,169
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08	ORD -11,045	-11,045
31-Aug-23	BlackRock Fund Advisors	on mkt buy	5.08	ORD 267,168	267,168
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD 18,617	18,617
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD 6,449	6,449
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	ORD 62,718	62,718
31-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 70,296	70,296
31-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -230,395	-230,395
31-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -12,675	-12,675
31-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,461	-12,305
31-Aug-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 236	1,180
01-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.04	ORD 7,415	7,415
01-Sep-23	BlackRock Asset Management Canada Limited	on mkt buy	5.04	ORD 358	358
01-Sep-23	BlackRock Fund Advisors	on mkt buy	5.04	ORD 53,024	53,024
01-Sep-23	BlackRock Asset Management Canada Limited	on mkt buy	5.04	ORD 633	633
01-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 285	285
01-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	ORD 3,696	3,696
01-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	ORD 7,033	7,033
01-Sep-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.04	ORD 1,936	1,936
01-Sep-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.04	ORD 1,620	1,620

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01-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	ORD 1,280	1,280
01-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	ORD 8,526	8,526
01-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.05	ORD 881	881
01-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.05	ORD 167	167
01-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.05	ORD 158	158
01-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.04	ORD 62,726	62,726
01-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.04	ORD 51,311	51,311
01-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 2,688	2,688
01-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD -2,712	-2,712
01-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD -4,796	-4,796
01-Sep-23	BlackRock Fund Advisors	on mkt buy	5.04	ORD 33,354	33,354
01-Sep-23	BlackRock Fund Advisors	on mkt buy	5.04	ORD 22,396	22,396
01-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 19,411	19,411
01-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.04	ORD -2,233	-2,233
01-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.04	ORD -570	-570
01-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -713,744	-713,744
01-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -445,074	-445,074
01-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,281,781	6,408,905
01-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 113,954	569,769
01-Sep-23	APERIO GROUP LLC	in specie	n/a	ORD 126,625	126,625
01-Sep-23	APERIO GROUP LLC	in specie	n/a	ORD 1,862,121	1,862,121
04-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.02	ORD 32,059	32,059
04-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.02	ORD 43,896	43,896
04-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.01	ORD 4,627	4,627
05-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD 7,015	7,015
05-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.01	ORD -196,224	-196,224
05-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.99	ORD 118,098	118,098
05-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD 3,729	3,729
05-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD 1,243	1,243
05-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD 1,986	1,986
05-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD 407	407
05-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.98	ORD 1,928	1,928
05-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 407,902	407,902
05-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,293,612	-6,468,060
05-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -117,820	-589,099
05-Sep-23	APERIO GROUP LLC	in specie	n/a	ORD -126,625	-126,625
05-Sep-23	APERIO GROUP LLC	in specie	n/a	ORD -1,939,768	-1,939,768
06-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD -99,420	-99,420
06-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD -74,565	-74,565
06-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.94	ORD 2,678	2,678
06-Sep-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.94	ORD 5,085	5,085
06-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94	ORD 62,753	62,753
06-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94	ORD 97,820	97,820

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06-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94	ORD 7,383	7,383
06-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD 449	449
06-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD 88	88
06-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD 86	86
06-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 60	60
06-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 993	993
06-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 1,986	1,986
06-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.93	ORD 3,641	3,641
06-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD -192,904	-192,904
06-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 372,870	372,870
06-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -9,608	-48,040
06-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,339	-6,695
07-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD 4,161	4,161
07-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.95	ORD 74,250	74,250
07-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94	ORD 1,075	1,075
07-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.94	ORD 42,444	42,444
07-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94	ORD 48,909	48,909
07-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94	ORD 77,497	77,497
07-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.95	ORD 2,324	2,324
07-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.95	ORD 2,275	2,275
07-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 785,946	785,946
07-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -780,772	-780,772
07-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -7,347	-36,735
07-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -953	-4,765
08-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD 2,612	2,612
08-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	ORD 62,718	62,718
08-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	ORD 97,768	97,768
08-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	ORD 7,379	7,379
08-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.91	ORD -34,280	-34,280
08-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 2,835	2,835
08-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.91	ORD 1,474	1,474
08-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 9,370	9,370
08-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.91	ORD 14,080	14,080
08-Sep-23	BlackRock Investment Management, LLC	on mkt buy	4.92	ORD 3,663	3,663
08-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	ORD 2,410	2,410
08-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -785,946	-785,946
08-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -15,155	-75,775
08-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,551	7,755
11-Sep-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 15,594	15,594
11-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	ORD 56,822	56,822
11-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.97	ORD 68,146	68,146

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11-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.97	ORD 43,641	43,641
11-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.97	ORD -22,087	-22,087
11-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD 3,729	3,729
11-Sep-23	BlackRock Fund Advisors	on mkt buy	4.98	ORD 1,088	1,088
11-Sep-23	BlackRock Fund Advisors	on mkt sell	4.98	ORD -3,775	-3,775
11-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 780,308	780,308
11-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -24,924	-124,620
11-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -6,180	-30,900
12-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.95	ORD 84,726	84,726
12-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.94	ORD -41,103	-41,103
12-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.94	ORD -48,556	-48,556
12-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD 3,666	3,666
12-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD 1,680	1,680
12-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.96	ORD 2,352	2,352
12-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.96	ORD -35,625	-35,625
12-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94	ORD 1,446	1,446
12-Sep-23	BlackRock Asset Management Canada Limited	in specie	n/a	ORD -92,278	-92,278
12-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -780,308	-780,308
12-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 317,363	317,363
12-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,229	-11,145
12-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 124	620
12-Sep-23	APERIO GROUP LLC	in specie	n/a	ORD 65,904	65,904
12-Sep-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -90,441	-90,441
13-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.92	ORD -10,276	-10,276
13-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.92	ORD -12,139	-12,139
13-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	ORD -177	-177
13-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	ORD -35	-35
13-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	ORD -42	-42
13-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92	ORD 11,488	11,488
13-Sep-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.92	ORD 9,351	9,351
13-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.91	ORD -21,710	-21,710
13-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.91	ORD 904	904
13-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD 54,234	54,234
13-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD 7,372	7,372
13-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -317,363	-317,363
13-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -18,038	-90,190
13-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -903	-4,515
13-Sep-23	APERIO GROUP LLC	in specie	n/a	ORD -67,249	-67,249
14-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD 1,658	1,658
14-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD -69,594	-69,594
14-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.75	ORD 32,261	32,261

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14-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.75	ORD 45,512	45,512
14-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	ORD 18,157	18,157
14-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	ORD 79,944	79,944
14-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 8	8
14-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 344	344
14-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD -2,720	-2,720
14-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD -10,880	-10,880
14-Sep-23	BlackRock Asset Management Deutschland AG	on mkt sell	4.74	ORD -12,476	-12,476
14-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,047	20,235
14-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 5,093	25,465
15-Sep-23	BLACKROCK ADVISORS LLC	on mkt sell	4.77	ORD -35,584	-35,584
15-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	ORD -610	-610
15-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	ORD -106	-106
15-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	ORD -98	-98
15-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	ORD 10,391	10,391
15-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	ORD 21,541	21,541
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.78	ORD -118,338	-118,338
15-Sep-23	BlackRock Fund Advisors	on mkt sell	4.78	ORD -13,314	-13,314
15-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD -11,967	-11,967
15-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.78	ORD -1,894	-1,894
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 13,477	13,477
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 23,095	23,095
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.81	ORD 7,363	7,363
15-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 1,364	1,364
15-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 3,069	3,069
15-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD -2,514	-2,514
15-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 4,232	4,232
15-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 56	56
15-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.78	ORD -14,530	-14,530
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.78	ORD -143,691	-143,691
15-Sep-23	BlackRock Fund Advisors	on mkt sell	4.78	ORD -16,166	-16,166
15-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 24,387	24,387
15-Sep-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.78	ORD 150,000	150,000
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -42,553	-42,553
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -44,602	-44,602
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -18,845	-18,845
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -33,306	-33,306
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -12,518	-12,518
15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -4,543	-4,543

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15-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82 ORD -6,261	-6,261
15-Sep-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -3,839	-19,195
15-Sep-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 955	4,775
18-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.82 ORD 93,971	93,971
18-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.83 ORD 38,233	38,233
18-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.84 ORD 7,148	7,148
18-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.83 ORD 18,121	18,121
18-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 40	40
18-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.86 ORD 2,070	2,070
18-Sep-23	BlackRock Fund Advisors	on mkt buy	4.86 ORD 66,550	66,550
18-Sep-23	BlackRock Fund Advisors	in specie	n/a ORD 96,385	96,385
18-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 801,126	801,126
18-Sep-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -21,266	-106,330
18-Sep-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -5,148	-25,740
19-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80 ORD 33,108	33,108
19-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.80 ORD -4,624	-4,624
19-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.80 ORD -5,462	-5,462
19-Sep-23	BlackRock Asset Management Deutschland AG	on mkt sell	4.78 ORD -7,578	-7,578
19-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.78 ORD -14,352	-14,352
19-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.78 ORD -552	-552
19-Sep-23	BlackRock Fund Advisors	on mkt sell	4.78 ORD -1,734	-1,734
19-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78 ORD 59	59
19-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -801,126	-801,126
19-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD 410,101	410,101
19-Sep-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -14,339	-71,695
19-Sep-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -69	-345
19-Sep-23	APERIO GROUP LLC	in specie	n/a ORD -28,305	-28,305
20-Sep-23	BlackRock Fund Advisors	in specie	n/a ORD -49,994	-49,994
20-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79 ORD -3,627	-3,627
20-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79 ORD -579	-579
20-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.79 ORD -586	-586
20-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79 ORD 3,931	3,931
20-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.79 ORD 9,704	9,704
20-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.79 ORD 1,690	1,690
20-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.79 ORD 2,366	2,366
20-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.79 ORD 2,366	2,366
20-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.79 ORD 2,603	2,603
20-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79 ORD 26,746	26,746
20-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79 ORD 7,042	7,042
20-Sep-23	BlackRock Advisors (UK) Limited	in specie	n/a ORD -7,749	-7,749
20-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 18,224	18,224
20-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD 35,030	35,030
20-Sep-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -11,153	-55,765
20-Sep-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 -251	-1,255
21-Sep-23	BlackRock Fund Advisors	in specie	n/a ORD -37,625	-37,625
21-Sep-23	BlackRock Fund Advisors	in specie	n/a ORD 10,164	10,164

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21-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	10,160	10,160
21-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.75	ORD	75,732	75,732
21-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD	-26,184	-26,184
21-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD	-32	-32
21-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD	3,657	3,657
21-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD	2,704	2,704
21-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD	9,564	9,564
21-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.76	ORD	-32,851	-32,851
21-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	85,572	85,572
21-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-185,131	-185,131
21-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-4,409	-22,045
21-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-469	-2,345
22-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73	ORD	340	340
22-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73	ORD	57	57
22-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73	ORD	58	58
22-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD	4,936	4,936
22-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD	3,702	3,702
22-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD	684	684
22-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD	2,736	2,736
22-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD	451	451
22-Sep-23	BlackRock Fund Advisors	on mkt buy	4.74	ORD	6,117	6,117
22-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.74	ORD	-1,285	-1,285
22-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD	2,370	2,370
22-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD	26,188	26,188
22-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD	66,859	66,859
22-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD	8,746	8,746
22-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD	41,610	41,610
22-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-103,796	-103,796
22-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	1,156	1,156
22-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	91,404	91,404
22-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-11,145	-55,725
22-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,110	-10,550
25-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD	-44,910	-44,910
25-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.75	ORD	64,249	64,249
25-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD	26,292	26,292
25-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD	52,584	52,584
25-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD	3,051	3,051
25-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD	9,602	9,602
25-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD	548	548
25-Sep-23	BlackRock Fund Advisors	on mkt buy	4.74	ORD	15,429	15,429
25-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.74	ORD	-435	-435
25-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	162,361	162,361
25-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-448	-448
25-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-4,502	-4,502
25-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-14,713	-73,565
25-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,842	-9,210
26-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD	-294,000	-294,000
26-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD	-24,500	-24,500

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26-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.79	ORD -2,620	-2,620
26-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.79	ORD -3,095	-3,095
26-Sep-23	BlackRock Fund Advisors	on mkt sell	4.79	ORD -3,547	-3,547
26-Sep-23	BlackRock Fund Advisors	on mkt sell	4.79	ORD -304,693	-304,693
26-Sep-23	BlackRock Japan Co., Ltd.	on mkt buy	4.79	ORD 226,985	226,985
26-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -4,714	-4,714
26-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -48	-48
26-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -370	-370
26-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -1,271	-1,271
26-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 9,606	9,606
26-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -1,236	-1,236
26-Sep-23	BlackRock Fund Advisors	on mkt buy	4.79	ORD 5,899	5,899
26-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 9,590	9,590
26-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD 2,688	2,688
26-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD 1,800	1,800
26-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -162,361	-162,361
26-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -260,708	-260,708
26-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 695,628	695,628
26-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -4,424	-22,120
26-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,099	-15,495
27-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD 14,040	14,040
27-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD 35,100	35,100
27-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD -7,142	-7,142
27-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD 32,394	32,394
27-Sep-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.79	ORD 4,701	4,701
27-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD 1,524	1,524
27-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD 246	246
27-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	ORD 242	242
27-Sep-23	BlackRock Asset Management Deutschland AG	on mkt buy	4.82	ORD 7,576	7,576
27-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 3,747	3,747
27-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 1,023	1,023
27-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.82	ORD 4,804	4,804
27-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -822	-822
27-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.82	ORD -50,333	-50,333
27-Sep-23	BlackRock Investment Management (UK) Limited	on mkt sell	4.82	ORD -20,639	-20,639
27-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	4.82	ORD -19,484	-19,484
27-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 66,360	66,360
27-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 1,800	1,800
27-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 127,953	127,953
27-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 9,656	9,656
27-Sep-23	BlackRock Advisors (UK) Limited	in specie	n/a	ORD 7,749	7,749
27-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 783,492	783,492
27-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -782,530	-782,530
27-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -8,000	-40,000
27-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,409	-12,045
28-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD 20,970	20,970

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28-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD	-10,713	-10,713
28-Sep-23	BlackRock Investment Management (UK) Limited	on mkt sell	4.77	ORD	-62,571	-62,571
28-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	35,759	35,759
28-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	282,609	282,609
28-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.83	ORD	163,072	163,072
28-Sep-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.77	ORD	20,070	20,070
28-Sep-23	BlackRock Fund Advisors	on mkt buy	4.74	ORD	8,995	8,995
28-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.74	ORD	-39,567	-39,567
28-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-783,492	-783,492
28-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-4,174	-20,870
28-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-8,081	-40,405
29-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD	25,070	25,070
29-Sep-23	BlackRock Fund Advisors	in specie	n/a	ORD	6,608	6,608
29-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	62,016	62,016
29-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	127,345	127,345
29-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	9,010	9,010
29-Sep-23	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD	3,678	3,678
29-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.81	ORD	-80,990	-80,990
29-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	162	810
29-Sep-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-515	-2,575
02-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77	ORD	64,620	64,620
02-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.79	ORD	21,107	21,107
02-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.77	ORD	21,936	21,936
02-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	60	60
02-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD	2,028	2,028
02-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD	-5,260	-5,260
02-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD	-33,740	-33,740
02-Oct-23	BlackRock Fund Advisors	on mkt buy	4.79	ORD	576	576
02-Oct-23	BlackRock Fund Advisors	on mkt buy	4.79	ORD	44,693	44,693
02-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.79	ORD	21,100	21,100
02-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.79	ORD	26,835	26,835
02-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	ORD	-40,679	-40,679
02-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-290,982	-290,982
02-Oct-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	34,299	34,299
02-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,711	23,555
02-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-568	-2,840
03-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-49,140	-49,140
03-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-24,124	-24,124
03-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-7,142	-7,142
03-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-97,136	-97,136
03-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.72	ORD	64,651	64,651
03-Oct-23	BlackRock Fund Advisors	on mkt buy	4.75	ORD	7,703	7,703
03-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD	3,696	3,696
03-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD	-1,286	-1,286
03-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD	-2,630	-2,630
03-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD	1,240	1,240

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03-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD	-574	-574
03-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.75	ORD	4,713	4,713
03-Oct-23	BlackRock Fund Advisors	on mkt buy	4.75	ORD	24,738	24,738
03-Oct-23	BlackRock Asset Management Deutschland AG	on mkt buy	4.75	ORD	13,433	13,433
03-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD	5,155	5,155
03-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD	1,246	1,246
03-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.70	ORD	2,250	2,250
03-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	782,888	782,888
03-Oct-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-34,299	-34,299
03-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-9,337	-46,685
03-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-399	-1,995
04-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-462	-462
04-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	ORD	29,363	29,363
04-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD	2,917	2,917
04-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD	474	474
04-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD	477	477
04-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD	3,642	3,642
04-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD	1,011	1,011
04-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD	-1,100	-1,100
04-Oct-23	BlackRock Fund Advisors	on mkt sell	4.76	ORD	-2,854	-2,854
04-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD	2,250	2,250
04-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74	ORD	-9,548	-9,548
04-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74	ORD	-3,537	-3,537
04-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74	ORD	-4,179	-4,179
04-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD	26,459	26,459
04-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	4,633	4,633
04-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-5,424	-27,120
04-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-877	-4,385
05-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.80	ORD	2,112	2,112
05-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-194,166	-194,166
05-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.78	ORD	-2,067	-2,067
05-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78	ORD	48,041	48,041
05-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78	ORD	127,017	127,017
05-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	21,330	21,330
05-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	6,608	6,608
05-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	5,670	5,670
05-Oct-23	BlackRock Asset Management Deutschland AG	on mkt buy	4.80	ORD	7,608	7,608
05-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	12	12
05-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	20	20
05-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	28	28
05-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.80	ORD	36,375	36,375
05-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	ORD	244	244

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected	
05-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.79	ORD	-3,007	-3,007
05-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.79	ORD	-3,552	-3,552
05-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	794,342	794,342
05-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-570	-2,850
05-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,500	-7,500
06-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	ORD	2,460	2,460
06-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.78	ORD	5,089	5,089
06-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.78	ORD	3,237	3,237
06-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	28,340	28,340
06-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	41,993	41,993
06-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	60,074	60,074
06-Oct-23	BlackRock Asset Management Deutschland AG	on mkt buy	4.80	ORD	7,609	7,609
06-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.80	ORD	-5,260	-5,260
06-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	262	262
06-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	23,693	23,693
06-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.80	ORD	21,847	21,847
06-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	ORD	26,503	26,503
06-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.80	ORD	-1,021	-1,021
06-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.78	ORD	3,150	3,150
06-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-2,306	-2,306
06-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	8,160	40,800
06-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,856	9,280
09-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-26,492	-26,492
09-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.79	ORD	-6,758	-6,758
09-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD	96,484	96,484
09-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.81	ORD	5,842	5,842
09-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82	ORD	58,210	58,210
09-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD	2,434	2,434
09-Oct-23	BlackRock Fund Advisors	on mkt buy	4.81	ORD	6,981	6,981
09-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD	570	570
09-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-855,925	-855,925
09-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	19,478	97,390
09-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,754	8,770
10-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-4,700	-4,700
10-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.87	ORD	121,613	121,613
10-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.88	ORD	474	474
10-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.88	ORD	-3,456	-3,456
10-Oct-23	BlackRock Fund Advisors	on mkt buy	4.88	ORD	23,081	23,081
10-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.88	ORD	20,253	20,253
10-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.88	ORD	5,409	5,409
10-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.88	ORD	1,024	1,024
10-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,732	-1,732
10-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5,476	27,380
10-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,406	7,030

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11-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.88	ORD	-8,519	-8,519
11-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.88	ORD	-10,064	-10,064
11-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.88	ORD	2,860	2,860
11-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.88	ORD	20,432	20,432
11-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.89	ORD	-1,367	-1,367
11-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.89	ORD	-223	-223
11-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.89	ORD	-219	-219
11-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.87	ORD	62,953	62,953
11-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD	48	48
11-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD	3,669	3,669
11-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD	3,669	3,669
11-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.89	ORD	5,260	5,260
11-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.89	ORD	7,676	7,676
11-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-9,661	-9,661
11-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	9,474	47,370
11-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	126	630
12-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	ORD	99,447	99,447
12-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	ORD	214,369	214,369
12-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.91	ORD	20,119	20,119
12-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.91	ORD	-8,519	-8,519
12-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.91	ORD	-10,064	-10,064
12-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.91	ORD	-1,567	-1,567
12-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD	2,720	2,720
12-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD	2,630	2,630
12-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92	ORD	7,471	7,471
12-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD	1,344	1,344
12-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-7,771	-7,771
12-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	13,046	65,230
12-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-417	-2,085
13-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.94	ORD	-1,241	-1,241
13-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.94	ORD	-211	-211
13-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.94	ORD	-210	-210
13-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94	ORD	52,279	52,279
13-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94	ORD	123,704	123,704
13-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.94	ORD	7,804	7,804
13-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.95	ORD	916	916
13-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.95	ORD	1,266	1,266
13-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94	ORD	9,455	9,455
13-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-396,235	-396,235
13-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	9,398	46,990

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13-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	325	1,625
16-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.99	ORD	-4,398	-4,398
16-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.99	ORD	27,422	27,422
16-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.99	ORD	39,242	39,242
16-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.99	ORD	4,091	4,091
16-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.99	ORD	23,320	23,320
16-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD	3,696	3,696
16-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD	473	473
16-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD	2,300	2,300
16-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.98	ORD	-4,701	-4,701
16-Oct-23	BlackRock Fund Advisors	on mkt buy	4.98	ORD	688	688
16-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	393,633	393,633
16-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	19,786	98,930
16-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,545	7,725
17-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	20,805	20,805
17-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	3,759	3,759
17-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	2,979	2,979
17-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	1,655	1,655
17-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	1,271	1,271
17-Oct-23	BlackRock Asset Management Canada Limited	on mkt sell	5.01	ORD	-1,035	-1,035
17-Oct-23	BlackRock Asset Management Canada Limited	on mkt buy	5.01	ORD	5,696	5,696
17-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	4,922	4,922
17-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	18,388	18,388
17-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	574	574
17-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.01	ORD	43,570	43,570
17-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-604	-604
17-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	7,235	36,175
17-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	7,089	35,445
18-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,677	1,677
18-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,298	2,298
18-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	20,805	20,805
18-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.98	ORD	-254	-254
18-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.99	ORD	14,002	14,002
18-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.99	ORD	1,779	1,779
18-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.99	ORD	3,656	3,656
18-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.99	ORD	25,854	25,854
18-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.99	ORD	5,931	5,931
18-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD	1,276	1,276
18-Oct-23	BlackRock Fund Advisors	on mkt buy	4.99	ORD	36,826	36,826
18-Oct-23	BlackRock Asset Management Canada Limited	in specie	n/a	ORD	-92,721	-92,721
18-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-244,735	-244,735
18-Oct-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	255,485	255,485
18-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	7,490	37,450
18-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	101	505
19-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-14,508	-14,508
19-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.00	ORD	-1,256	-1,256

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19-Oct-23	BlackRock Investment Management (UK) Limited	on mkt sell	4.98	ORD	-142,921	-142,921
19-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD	1,132	1,132
19-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD	1,132	1,132
19-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.98	ORD	-282	-282
19-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.02	ORD	1,800	1,800
19-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.99	ORD	126,836	126,836
19-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.99	ORD	85,141	85,141
19-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-97,672	-97,672
19-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	254,077	254,077
19-Oct-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-255,485	-255,485
19-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	14,533	72,665
19-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,023	10,115
19-Oct-23	APERIO GROUP LLC	in specie	n/a	ORD	-53,622	-53,622
20-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.97	ORD	247	247
20-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.97	ORD	1,487	1,487
20-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.97	ORD	3,347	3,347
20-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	2,422	2,422
20-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD	-19,944	-19,944
20-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD	-6,648	-6,648
20-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD	-6,648	-6,648
20-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD	-6,648	-6,648
20-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD	-6,648	-6,648
20-Oct-23	BlackRock Investment Management (UK) Limited	on mkt sell	4.97	ORD	-24,543	-24,543
20-Oct-23	BlackRock Fund Advisors	on mkt buy	4.97	ORD	512	512
20-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	15,748	15,748
20-Oct-23	BlackRock Asset Management Canada Limited	on mkt buy	4.97	ORD	5,595	5,595
20-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.97	ORD	30,400	30,400
20-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-706,943	-706,943
20-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	21,016	105,080
20-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,340	6,700
23-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.94	ORD	-2,664	-2,664
23-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.94	ORD	3,218	3,218
23-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.94	ORD	433	433
23-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	13,770	13,770
23-Oct-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	714,079	714,079
23-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	22,079	110,395
23-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,026	5,130
24-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-4,835	-4,835
24-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-29,010	-29,010
24-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-10,713	-10,713
24-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-5,040	-5,040
24-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-11,592	-11,592
24-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-44,325	-44,325
24-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-26,492	-26,492
24-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-24,170	-24,170
24-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	22,192	22,192
24-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD	-8	-8
24-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD	2,434	2,434
24-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD	5,468	5,468
24-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD	-3,328	-3,328

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24-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD	-6,652	-6,652
24-Oct-23	BlackRock Asset Management Canada Limited	on mkt sell	4.92	ORD	-5,271	-5,271
24-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-13,771	-13,771
24-Oct-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	2	2
24-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,272,403	6,362,015
24-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	101,495	507,474
24-Oct-23	APERIO GROUP LLC	in specie	n/a	ORD	126,625	126,625
24-Oct-23	APERIO GROUP LLC	in specie	n/a	ORD	1,856,496	1,856,496
25-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-42,852	-42,852
25-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.95	ORD	16,682	16,682
25-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.98	ORD	175	175
25-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.98	ORD	38	38
25-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.98	ORD	36	36
25-Oct-23	BlackRock Asset Management Deutschland AG	on mkt buy	4.99	ORD	7,626	7,626
25-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	ORD	1,167	1,167
25-Oct-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-714,081	-714,081
25-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,257,559	-6,287,795
25-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-100,608	-503,039
25-Oct-23	APERIO GROUP LLC	in specie	n/a	ORD	-126,625	-126,625
25-Oct-23	APERIO GROUP LLC	in specie	n/a	ORD	-1,856,496	-1,856,496
26-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.90	ORD	-2,664	-2,664
26-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.90	ORD	56,286	56,286
26-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD	-88	-88
26-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.92	ORD	-3,335	-3,335
26-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.92	ORD	24,876	24,876
26-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.92	ORD	7,738	7,738
26-Oct-23	BlackRock Fund Advisors	on mkt buy	4.92	ORD	23,432	23,432
26-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.92	ORD	1,423	1,423
26-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.92	ORD	18,509	18,509
26-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.92	ORD	60	60
26-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	97,672	97,672
26-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	925,139	925,139
26-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	9,654	48,270
26-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	129	645
26-Oct-23	APERIO GROUP LLC	in specie	n/a	ORD	39,800	39,800
27-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-98,500	-98,500
27-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-17,550	-17,550
27-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.92	ORD	11,366	11,366
27-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD	633	633
27-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD	131	131
27-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt buy	4.93	ORD	130	130
27-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.94	ORD	-60	-60
27-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.94	ORD	1,992	1,992
27-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.94	ORD	-4,717	-4,717
27-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.94	ORD	-9,434	-9,434

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27-Oct-23	BLACKROCK ADVISORS LLC	on mkt buy	4.94	ORD	34,439	34,439
27-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	ORD	16,063	16,063
27-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-279,320	-279,320
27-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	8,397	41,985
27-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	442	2,210
30-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-7,142	-7,142
30-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.94	ORD	-2,494	-2,494
30-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.94	ORD	44,093	44,093
30-Oct-23	BlackRock Japan Co., Ltd.	on mkt buy	4.94	ORD	1,132	1,132
30-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	4.95	ORD	6,026	6,026
30-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.95	ORD	-4,699	-4,699
30-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.95	ORD	-4,699	-4,699
30-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-56,780	-56,780
30-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-7,000	-7,000
30-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,419	12,095
30-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,167	10,835
31-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	2,684	2,684
31-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-10,070	-10,070
31-Oct-23	BlackRock Fund Advisors	in specie	n/a	ORD	-10,713	-10,713
31-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	1,655	1,655
31-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	465	465
31-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD	-3,255	-3,255
31-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	ORD	136,443	136,443
31-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	ORD	115,726	115,726
31-Oct-23	BlackRock Asset Management Canada Limited	on mkt sell	4.97	ORD	-2,775	-2,775
31-Oct-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.97	ORD	-71,327	-71,327
31-Oct-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.97	ORD	-69,209	-69,209
31-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.96	ORD	1,800	1,800
31-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.96	ORD	569	569
31-Oct-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-30,499	-30,499
31-Oct-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	30,499	30,499
31-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1	1
31-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	8,246	41,230
31-Oct-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,440	7,201
01-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-39,400	-39,400
01-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-19,656	-19,656
01-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-1,692	-1,692
01-Nov-23	BlackRock Japan Co., Ltd.	on mkt buy	5.00	ORD	2,297	2,297
01-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	ORD	160	160
01-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.00	ORD	-8,557	-8,557
01-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD	-13,228	-13,228
01-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	3,651	3,651
01-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	2,028	2,028
01-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	900	900
01-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.02	ORD	900	900
01-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	ORD	-1,208	-1,208
01-Nov-23	BlackRock Asset Management Canada Limited	on mkt sell	5.02	ORD	-2,596	-2,596

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01-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	ORD	-15,078	-15,078
01-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	204,643	204,643
01-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	15,582	77,910
01-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	846	4,230
02-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05	ORD	-1,928	-1,928
02-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.07	ORD	-73,127	-73,127
02-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	2,648	2,648
02-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	41,696	41,696
02-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD	-1,044	-1,044
02-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-384,980	-384,980
02-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	13,601	68,005
02-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,377	16,885
03-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD	-1,108	-1,108
03-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD	-176	-176
03-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD	-175	-175
03-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.01	ORD	-4,226	-4,226
03-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	4,965	4,965
03-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	1,324	1,324
03-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	880	880
03-Nov-23	BlackRock Fund Advisors	on mkt sell	5.01	ORD	-1,467	-1,467
03-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	45,323	45,323
03-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	9,719	48,595
03-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-348	-1,740
06-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-10,186	-10,186
06-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-39,400	-39,400
06-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-85,425	-85,425
06-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,342	1,342
06-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-7,142	-7,142
06-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.04	ORD	-2,804	-2,804
06-Nov-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.06	ORD	7,627	7,627
06-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD	132	132
06-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.06	ORD	-4,832	-4,832
06-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.06	ORD	2,252	2,252
06-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.04	ORD	-1,125	-1,125
06-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	700,918	700,918
06-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-45,323	-45,323
06-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	12,913	64,565
06-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,386	11,930
07-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	5,368	5,368
07-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-2,220	-2,220
07-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	682	682
07-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	439	439
07-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	1,136	1,136
07-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD	-4,848	-4,848
07-Nov-23	BlackRock Fund Advisors	on mkt buy	5.08	ORD	55,389	55,389
07-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-834,080	-834,080
07-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	701,084	701,084
07-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	6,810	34,050
07-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,643	8,215
07-Nov-23	APERIO GROUP LLC	in specie	n/a	ORD	85,272	85,272
08-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-44,478	-44,478

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08-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-24,036	-24,036
08-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-42,063	-42,063
08-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-21,496	-21,496
08-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.07	ORD	-496	-496
08-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.07	ORD	-75	-75
08-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.07	ORD	-74	-74
08-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05	ORD	-6,576	-6,576
08-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05	ORD	-966	-966
08-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	993	993
08-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	662	662
08-Nov-23	BLACKROCK (SINGAPORE) LTD	on mkt buy	5.07	ORD	8,102	8,102
08-Nov-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.07	ORD	7,450	7,450
08-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD	7,938	7,938
08-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD	2,148	2,148
08-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD	243	243
08-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD	13,969	13,969
08-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-97,643	-97,643
08-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	701,076	701,076
08-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-701,084	-701,084
08-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5,878	29,390
08-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	67	335
09-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.07	ORD	-3,025	-3,025
09-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	3,282	3,282
09-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,275	1,275
09-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-46,423	-46,423
09-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.09	ORD	-6,324	-6,324
09-Nov-23	BlackRock Asset Management Canada Limited	on mkt buy	5.09	ORD	2,803	2,803
09-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	ORD	55,078	55,078
09-Nov-23	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	5.07	ORD	76,088	76,088
09-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.09	ORD	1,207	1,207
09-Nov-23	BlackRock Asset Management Canada Limited	on mkt buy	5.09	ORD	5,094	5,094
09-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	ORD	100,136	100,136
09-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-331,993	-331,993
09-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	6,701	33,505
10-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-39,536	-39,536
10-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-405	-405
10-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD	194	194
10-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD	27	27
10-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD	23	23
10-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10	ORD	-14,011	-14,011
10-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	1,232	1,232

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
10-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD 2,464	2,464
10-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD 896	896
10-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD 2,250	2,250
10-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD -9,694	-9,694
10-Nov-23	BlackRock Investment Management, LLC	on mkt sell	5.11	ORD -21,343	-21,343
10-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD 3,050	3,050
10-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD -46,008	-46,008
10-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -6,435	-6,435
10-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 102,391	102,391
10-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,412	22,060
13-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD 850	850
13-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.10	ORD -65,136	-65,136
13-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.11	ORD -6,636	-6,636
13-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD 1,250	1,250
13-Nov-23	BlackRock Investment Management, LLC	on mkt buy	5.10	ORD 3,656	3,656
13-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.11	ORD 450	450
13-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -176,336	-176,336
13-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 177,321	177,321
13-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 15,186	75,930
13-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 210	1,050
14-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.07	ORD -18,817	-18,817
14-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD 7,392	7,392
14-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD 4,928	4,928
14-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD 449	449
14-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD 2,490	2,490
14-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD -14,487	-14,487
14-Nov-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.07	ORD 5,374	5,374
14-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD -32,789	-32,789
14-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -6,425	-6,425
14-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 177,321	177,321
14-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -177,321	-177,321
14-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,581	17,905
14-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -270	-1,350
15-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD 351	351
15-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD 39	39
15-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD 37	37
15-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.12	ORD 36,809	36,809
15-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD 1,570	1,570
15-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD 21,063	21,063
15-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 8	8
15-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 3,699	3,699
15-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 7,398	7,398
15-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 890	890
15-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 1,335	1,335
15-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.14	ORD -4,505	-4,505
15-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.14	ORD -4,962	-4,962
15-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11	ORD -16,008	-16,008
15-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD -15,147	-15,147

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
15-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	857,796	857,796
15-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-102,391	-102,391
15-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-177,321	-177,321
15-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,669	8,345
15-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-159	-795
16-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-24,710	-24,710
16-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.09	ORD	-4,915	-4,915
16-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD	10,196	10,196
16-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	8,370	8,370
16-Nov-23	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	5.09	ORD	112,047	112,047
16-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	ORD	164,740	164,740
16-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-4,636	-4,636
16-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	2,800	2,800
16-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	1,256	1,256
16-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	852	852
16-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	284	284
16-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	568	568
16-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.07	ORD	-2,250	-2,250
16-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-681,508	-681,508
16-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	113	565
16-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	77	385
17-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-3,606	-3,606
17-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	ORD	2,906	2,906
17-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	ORD	26,173	26,173
17-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	4	4
17-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	4	4
17-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	448	448
17-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	884	884
17-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	1,246	1,246
17-Nov-23	BlackRock Fund Advisors	on mkt sell	5.03	ORD	-522	-522
17-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	ORD	12,627	12,627
17-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,403	1,403
17-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	5,514	27,570
17-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	315	1,575
20-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	832	832
20-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,248	1,248
20-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-69,188	-69,188
20-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05	ORD	-7,729	-7,729
20-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.05	ORD	82,270	82,270
20-Nov-23	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	5.05	ORD	13,625	13,625
20-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.04	ORD	-33,199	-33,199
20-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.05	ORD	-1,125	-1,125
20-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	6,090	6,090
20-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	1,246	1,246
20-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD	-40,920	-40,920
20-Nov-23	BlackRock Investment Management, LLC	on mkt sell	5.04	ORD	-6,312	-6,312
20-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	5,075	5,075
20-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	510,619	510,619
20-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	175,106	175,106

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
20-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,106	15,530
20-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	467	2,335
21-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	4	4
21-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	700	700
21-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	1,400	1,400
21-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	2,728	2,728
21-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD	-17,842	-17,842
21-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,193,528	-1,193,528
21-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-175,106	-175,106
21-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	193	965
22-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD	6,216	6,216
22-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD	6,184	6,184
22-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-2,015	-2,015
22-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-316	-316
22-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-297	-297
22-Nov-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.10	ORD	-4,716	-4,716
22-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.10	ORD	-433	-433
22-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.10	ORD	-290	-290
22-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	4,637	4,637
22-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	2,492	2,492
22-Nov-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.11	ORD	-46,848	-46,848
22-Nov-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.11	ORD	-13,119	-13,119
22-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	689,502	689,502
22-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,394,815	6,974,075
22-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	112,801	564,005
22-Nov-23	APERIO GROUP LLC	in specie	n/a	ORD	126,625	126,625
22-Nov-23	APERIO GROUP LLC	in specie	n/a	ORD	1,981,568	1,981,568
23-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.09	ORD	-3,701	-3,701
23-Nov-23	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	5.09	ORD	7,873	7,873
23-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.09	ORD	-57,924	-57,924
23-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	9,264	9,264
23-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.09	ORD	569	569
23-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-693,152	-693,152
24-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	8,190	8,190
24-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	5,155	5,155
24-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-49,420	-49,420
24-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD	930	930
24-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD	150	150
24-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD	148	148
24-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	12	12
24-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	2,442	2,442
24-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	2,442	2,442
24-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	269	269
24-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD	-5,029	-5,029
24-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.06	ORD	12,508	12,508

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
24-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	691,661	691,661
24-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,395,305	-6,976,525
24-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-112,822	-564,110
24-Nov-23	APERIO GROUP LLC	in specie	n/a	ORD	-126,625	-126,625
24-Nov-23	APERIO GROUP LLC	in specie	n/a	ORD	-1,981,568	-1,981,568
27-Nov-23	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	5.10	ORD	4,625	4,625
27-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.09	ORD	-6,510	-6,510
27-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	2,752	2,752
27-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	2,676	2,676
27-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	1,247	1,247
27-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.10	ORD	-63,979	-63,979
27-Nov-23	BlackRock Investment Management, LLC	on mkt buy	5.12	ORD	3,667	3,667
27-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD	909	909
27-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-66,099	-66,099
27-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	631	631
27-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,323	6,615
27-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	107	535
28-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-34,594	-34,594
28-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD	13,718	13,718
28-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	18,540	18,540
28-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	345	345
28-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	3,795	3,795
28-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-1,247	-1,247
28-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	5,010	5,010
28-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-20,040	-20,040
28-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD	185,858	185,858
28-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD	-40,040	-40,040
28-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	583,088	583,088
28-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-692,292	-692,292
28-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	111,958	111,958
28-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,137	10,685
29-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	ORD	9,369	9,369
29-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.08	ORD	-2,463	-2,463
29-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.08	ORD	-427	-427
29-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD	6,634	6,634
29-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	4	4
29-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	2,514	2,514
29-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD	-1,260	-1,260
29-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.07	ORD	27,188	27,188
29-Nov-23	BlackRock Fund Advisors	on mkt buy	5.07	ORD	701	701
29-Nov-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.07	ORD	-79,646	-79,646
29-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07	ORD	12,441	12,441
29-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-583,088	-583,088
29-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	698,016	698,016
29-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-111,958	-111,958
29-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,513	7,565
29-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	176	880

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD 1,142	1,142
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD 167	167
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD 161	161
30-Nov-23	BlackRock Fund Advisors	in specie	n/a	ORD 1,342	1,342
30-Nov-23	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	5.10	ORD 22,243	22,243
30-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD 51,010	51,010
30-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10	ORD 81,276	81,276
30-Nov-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.11	ORD -3,608	-3,608
30-Nov-23	BlackRock Fund Advisors	on mkt sell	5.17	ORD -2,502,408	-2,502,408
30-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 984	984
30-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 984	984
30-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 984	984
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.19	ORD 3,012	3,012
30-Nov-23	BlackRock Asset Management North Asia Limited	on mkt sell	5.18	ORD -48,893	-48,893
30-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 2,172	2,172
30-Nov-23	BlackRock Asset Management Canada Limited	on mkt sell	5.18	ORD -24,676	-24,676
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.18	ORD -25,527	-25,527
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.19	ORD 490	490
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19	ORD 19,367	19,367
30-Nov-23	BlackRock Fund Advisors	on mkt sell	5.18	ORD -1,028,369	-1,028,369
30-Nov-23	BlackRock Fund Advisors	on mkt sell	5.18	ORD -1,030,159	-1,030,159
30-Nov-23	BlackRock Fund Advisors	on mkt sell	5.18	ORD -18,147	-18,147
30-Nov-23	BlackRock Asset Management Canada Limited	on mkt sell	5.18	ORD -56,070	-56,070
30-Nov-23	BlackRock Asset Management Canada Limited	on mkt sell	5.18	ORD -92,854	-92,854
30-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 7,807	7,807
30-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 37,216	37,216
30-Nov-23	BlackRock Fund Advisors	on mkt buy	5.19	ORD 32	32
30-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.19	ORD 699	699
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19	ORD 1,258	1,258
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.18	ORD -41,194	-41,194
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.18	ORD -14,317	-14,317
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.19	ORD 1,580	1,580
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.19	ORD 1,104	1,104
30-Nov-23	BlackRock Investment Management, LLC	on mkt sell	5.18	ORD -30,365	-30,365
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.18	ORD -8,039	-8,039
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.19	ORD 66,325	66,325
30-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 47,833	47,833
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19	ORD 5,720	5,720
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19	ORD 163,234	163,234

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30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.19	ORD	10,799	10,799
30-Nov-23	BlackRock Fund Advisors	on mkt buy	5.19	ORD	186,960	186,960
30-Nov-23	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD	171,916	171,916
30-Nov-23	BlackRock Fund Advisors	on mkt buy	5.19	ORD	702	702
30-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.19	ORD	15,399	15,399
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19	ORD	58,581	58,581
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19	ORD	42,272	42,272
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19	ORD	27,699	27,699
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.19	ORD	34,795	34,795
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.19	ORD	24,314	24,314
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19	ORD	116	116
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.19	ORD	-220,883	-220,883
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19	ORD	-7,378	-7,378
30-Nov-23	BlackRock Fund Advisors	on mkt sell	5.19	ORD	-297,208	-297,208
30-Nov-23	BlackRock Fund Advisors	on mkt sell	5.19	ORD	-297,725	-297,725
30-Nov-23	BlackRock Fund Advisors	on mkt sell	5.19	ORD	-723,219	-723,219
30-Nov-23	BlackRock Fund Advisors	on mkt sell	5.19	ORD	-5,245	-5,245
30-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.19	ORD	-75,592	-75,592
30-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.19	ORD	-92,358	-92,358
30-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	5.19	ORD	-12,454	-12,454
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19	ORD	-11,906	-11,906
30-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19	ORD	-4,138	-4,138
30-Nov-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.19	ORD	-2,323	-2,323
30-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	81,147	81,147
30-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-698,016	-698,016
30-Nov-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-20,717	-103,585
01-Dec-23	BlackRock Fund Advisors	on mkt sell	5.11	ORD	-5,874	-5,874
01-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.13	ORD	24,232	24,232
01-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.13	ORD	90,338	90,338
01-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.13	ORD	12,385	12,385
01-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-784	-784
01-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-128	-128
01-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD	-99	-99
01-Dec-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.13	ORD	5,817	5,817
01-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	2,442	2,442
01-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	3,663	3,663
01-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.10	ORD	456	456
01-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.10	ORD	-3,049	-3,049
01-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.13	ORD	-900	-900
01-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-81,147	-81,147
01-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	24,380	121,900
01-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	60	300

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04-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD	-69,188	-69,188
04-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD	-39,536	-39,536
04-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD	-33,013	-33,013
04-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.12	ORD	-8,498	-8,498
04-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD	-4,548	-4,548
04-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	48	48
04-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	2,632	2,632
04-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	1,974	1,974
04-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	9,126	9,126
04-Dec-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.11	ORD	3,999	3,999
04-Dec-23	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	5.12	ORD	25,096	25,096
04-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD	41,007	41,007
04-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD	80,664	80,664
04-Dec-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	1	1
04-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,310	11,550
05-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD	45,230	45,230
05-Dec-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.11	ORD	7,658	7,658
05-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	985	985
05-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD	-18,033	-18,033
05-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD	5,700	5,700
05-Dec-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-1	-1
05-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,289	16,445
05-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	37	185
05-Dec-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-317,408	-317,408
06-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD	1,813	1,813
06-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD	271	271
06-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD	269	269
06-Dec-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.16	ORD	2,137	2,137
06-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.19	ORD	26,915	26,915
06-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.19	ORD	11,032	11,032
06-Dec-23	BlackRock Fund Advisors	on mkt buy	5.17	ORD	85,724	85,724
06-Dec-23	BlackRock Investment Management, LLC	on mkt buy	5.17	ORD	3,706	3,706
06-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	4,547	4,547
06-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	3,654	3,654
06-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	688	688
06-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	1,376	1,376
06-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17	ORD	-2,164	-2,164
06-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD	2,627	2,627
06-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17	ORD	-269	-269
06-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17	ORD	-12,500	-12,500
06-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	177,580	177,580
06-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,700	13,500
06-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,716	8,580
07-Dec-23	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	5.17	ORD	29,072	29,072
07-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.17	ORD	62,617	62,617

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07-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.17	ORD -2,175	-2,175
07-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.18	ORD 30,803	30,803
07-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD 4,521	4,521
07-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.19	ORD -21,226	-21,226
07-Dec-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.19	ORD 7,561	7,561
07-Dec-23	BlackRock Fund Advisors	on mkt buy	5.19	ORD 21,868	21,868
07-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -177,580	-177,580
07-Dec-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 765,239	765,239
07-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,115	10,575
07-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1	5
08-Dec-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.15	ORD -6,846	-6,846
08-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD 1,133	1,133
08-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD 192	192
08-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD 179	179
08-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD -35,710	-35,710
08-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.17	ORD 13,091	13,091
08-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.17	ORD 29,815	29,815
08-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.17	ORD 2,796	2,796
08-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.16	ORD 26,786	26,786
08-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD 409	409
08-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17	ORD 6,553	6,553
08-Dec-23	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -9,207	-9,207
08-Dec-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -765,239	-765,239
08-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -185	-925
11-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD 50,318	50,318
11-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.16	ORD -6,500	-6,500
11-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD -47,572	-47,572
11-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 3,663	3,663
11-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 1,715	1,715
11-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD -1,962	-1,962
11-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD -6,591	-6,591
11-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD -3,316	-3,316
11-Dec-23	BlackRock Fund Advisors	on mkt buy	5.15	ORD 997	997
11-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.17	ORD -1,125	-1,125
11-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,901	9,505
11-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -190	-950
12-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD 13,673	13,673
12-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD -84,014	-84,014
12-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD 1,032	1,032
12-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD 1,376	1,376
12-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,365	6,825
12-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 126	630
13-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD 3,736	3,736
13-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.20	ORD 5,925	5,925

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13-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.17 ORD -33	-33
13-Dec-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.19 ORD 2,300	2,300
13-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.20 ORD 675	675
13-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18 ORD -9,006	-9,006
13-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18 ORD -13,695	-13,695
13-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.18 ORD 912	912
13-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.18 ORD 409	409
13-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18 ORD -20,651	-20,651
13-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18 ORD -39,812	-39,812
13-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18 ORD -344	-344
13-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 992,775	992,775
13-Dec-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 966	4,830
13-Dec-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 323	1,615
14-Dec-23	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD -37,912	-37,912
14-Dec-23	BlackRock Institutional Trust Company, National Association	in specie	n/a ORD 37,912	37,912
14-Dec-23	BlackRock Fund Advisors	in specie	n/a ORD 33,005	33,005
14-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.21 ORD -1,970	-1,970
14-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.21 ORD 14,392	14,392
14-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.19 ORD -4,024	-4,024
14-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.20 ORD 471	471
14-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.20 ORD -4,446	-4,446
14-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.20 ORD -1,992	-1,992
14-Dec-23	BlackRock Asset Management Deutschland AG	on mkt sell	5.20 ORD -28,678	-28,678
14-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.22 ORD 2,370	2,370
14-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.22 ORD 1,185	1,185
14-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.22 ORD 2,370	2,370
14-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -229,681	-229,681
14-Dec-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD 485,360	485,360
14-Dec-23	APERIO GROUP LLC	in specie	n/a ADR 5:1 323	1,615
15-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.17 ORD -270	-270
15-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.17 ORD -24	-24
15-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.17 ORD -46	-46
15-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.16 ORD -905	-905
15-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17 ORD -9,004	-9,004
15-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17 ORD 1,725	1,725
15-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17 ORD -2,952	-2,952
15-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17 ORD -984	-984
15-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17 ORD -5,400	-5,400
15-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17 ORD -10,800	-10,800
15-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17 ORD -11,146	-11,146
15-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17 ORD -16,719	-16,719
15-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17 ORD -498	-498
15-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.17 ORD -111,002	-111,002
15-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.17 ORD -2,172	-2,172
15-Dec-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.17 ORD -7,822	-7,822

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15-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	ORD 21,031	21,031
15-Dec-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.17	ORD 53,494	53,494
15-Dec-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.17	ORD 42,748	42,748
15-Dec-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.17	ORD 7,683	7,683
15-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17	ORD 56,537	56,537
15-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.16	ORD -569	-569
15-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD 1,350	1,350
15-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.16	ORD -14,959	-14,959
15-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD 23,924	23,924
15-Dec-23	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 9,207	9,207
15-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -1,085	-1,085
15-Dec-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 83,088	83,088
15-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,314	6,570
15-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -25	-125
18-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	ORD -15,126	-15,126
18-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD -3,913	-3,913
18-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD -103,782	-103,782
18-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10	ORD -10,473	-10,473
18-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.10	ORD -5,527	-5,527
18-Dec-23	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.09	ORD -18,028	-18,028
18-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.09	ORD -5,380	-5,380
18-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD -9,004	-9,004
18-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD 3,123	3,123
18-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD -11,132	-11,132
18-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD -3,042	-3,042
18-Dec-23	BlackRock Asset Management Canada Limited	on mkt buy	5.07	ORD 2,833	2,833
18-Dec-23	BlackRock Investment Management, LLC	on mkt sell	5.07	ORD -5,778	-5,778
18-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	ORD 13,722	13,722
18-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.07	ORD -927	-927
18-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.09	ORD 3,150	3,150
18-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 28,572	28,572
18-Dec-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -93,744	-93,744
18-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 435	2,175
18-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 126	630
18-Dec-23	BlackRock Asset Management Canada Limited	in specie	n/a	ORD -86,469	-86,469
19-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.12	ORD -35,674	-35,674
19-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -13,057	-13,057
19-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -13,057	-13,057
19-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 4	4
19-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -10,786	-10,786
19-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD -21,572	-21,572

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19-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.13	ORD 25,609	25,609
19-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD 26,747	26,747
19-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.13	ORD -2,076	-2,076
19-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD -66,026	-66,026
19-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -891	-891
19-Dec-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 193,330	193,330
19-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,752	8,760
19-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 229	1,145
20-Dec-23	BlackRock Fund Advisors	on mkt sell	5.08	ORD -4,164	-4,164
20-Dec-23	BlackRock Fund Advisors	on mkt sell	5.08	ORD -285,823	-285,823
20-Dec-23	BlackRock Fund Advisors	on mkt sell	5.08	ORD -29,487	-29,487
20-Dec-23	BlackRock Fund Advisors	on mkt sell	5.08	ORD -22,083	-22,083
20-Dec-23	BlackRock Fund Advisors	on mkt sell	5.08	ORD -36,231	-36,231
20-Dec-23	BlackRock Fund Advisors	on mkt sell	5.08	ORD -144,937	-144,937
20-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD -475	-475
20-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD -60	-60
20-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	ORD -48	-48
20-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11	ORD -20,018	-20,018
20-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11	ORD -16,668	-16,668
20-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11	ORD -1,458	-1,458
20-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD -4,528	-4,528
20-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD -144	-144
20-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD -894	-894
20-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD -2,197	-2,197
20-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD -5,394	-5,394
20-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD -5,478	-5,478
20-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD -278	-278
20-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	ORD 2,457	2,457
20-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 7,706	7,706
20-Dec-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -668,034	-668,034
20-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 648,739	648,739
20-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,969	9,845
21-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD 8,178	8,178
21-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.14	ORD 5,846	5,846
21-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.13	ORD -2,436	-2,436
21-Dec-23	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.13	ORD -8,144	-8,144
21-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.13	ORD -2,903	-2,903
21-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.14	ORD -16,380	-16,380
21-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.13	ORD -1,575	-1,575
21-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 2,204	2,204
21-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 150,861	150,861
21-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 65	325
21-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1 35	175
22-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD 11,097	11,097
22-Dec-23	BlackRock Fund Advisors	on mkt buy	5.13	ORD 585	585
22-Dec-23	BlackRock Fund Advisors	on mkt buy	5.13	ORD 3,181	3,181

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22-Dec-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.13	ORD	8,808	8,808
22-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD	57,181	57,181
22-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD	15,804	15,804
22-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD	-1,458	-1,458
22-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.12	ORD	-10,230	-10,230
22-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,507	-1,507
22-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,508	-1,508
22-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,421,766	7,108,830
22-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	115,117	575,585
22-Dec-23	APERIO GROUP LLC	in specie	n/a	ORD	126,625	126,625
22-Dec-23	APERIO GROUP LLC	in specie	n/a	ORD	1,981,568	1,981,568
25-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1	-1
25-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-2	-2
26-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	790,475	790,475
26-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-798,090	-798,090
26-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,422,295	-7,111,475
26-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-115,383	-576,915
26-Dec-23	APERIO GROUP LLC	in specie	n/a	ORD	-126,625	-126,625
26-Dec-23	APERIO GROUP LLC	in specie	n/a	ORD	-1,981,568	-1,981,568
27-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD	-78,496	-78,496
27-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD	8,178	8,178
27-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD	616	616
27-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD	101	101
27-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD	99	99
27-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD	-16,783	-16,783
27-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD	-22,646	-22,646
27-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD	-1,730	-1,730
27-Dec-23	BlackRock Asset Management Deutschland AG	on mkt sell	5.14	ORD	-7,382	-7,382
27-Dec-23	BlackRock Asset Management Canada Limited	on mkt sell	5.14	ORD	-10,346	-10,346
27-Dec-23	BlackRock Fund Advisors	on mkt buy	5.14	ORD	22,973	22,973
27-Dec-23	BlackRock Fund Advisors	on mkt buy	5.14	ORD	30,905	30,905
27-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.14	ORD	-11,207	-11,207
27-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD	16,356	16,356
27-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-798,093	-798,093
27-Dec-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	798,093	798,093
27-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,559	7,795
27-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	545	2,725
28-Dec-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.13	ORD	-3,388	-3,388
28-Dec-23	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.16	ORD	-3,450	-3,450
28-Dec-23	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.16	ORD	-13,787	-13,787
28-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.16	ORD	-14,174	-14,174
28-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.17	ORD	-3,180	-3,180
28-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	705	705
28-Dec-23	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	2,082	2,082
28-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-445	-445

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28-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-682,562	-682,562
28-Dec-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-73,191	-73,191
28-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	55,698	55,698
28-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,178	-5,890
29-Dec-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.18	ORD	-161,996	-161,996
29-Dec-23	BlackRock Fund Advisors	in specie	n/a	ORD	1,342	1,342
29-Dec-23	BlackRock Advisors (UK) Limited	on mkt sell	5.18	ORD	-20	-20
29-Dec-23	BlackRock Investment Management, LLC	on mkt buy	5.18	ORD	6,037	6,037
29-Dec-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.18	ORD	-5,957	-5,957
29-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-107,912	-107,912
29-Dec-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	56,060	56,060
29-Dec-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-55,698	-55,698
29-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,420,284	7,101,420
29-Dec-23	APERIO GROUP LLC	in specie	n/a	ADR 5:1	115,928	579,640
29-Dec-23	APERIO GROUP LLC	in specie	n/a	ORD	126,625	126,625
29-Dec-23	APERIO GROUP LLC	in specie	n/a	ORD	1,981,568	1,981,568
02-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD	1,158	1,158
02-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.19	ORD	-569	-569
02-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	780,962	780,962
02-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-780,962	-780,962
02-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,422,873	-7,114,365
02-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-115,928	-579,640
02-Jan-24	APERIO GROUP LLC	in specie	n/a	ORD	-126,625	-126,625
02-Jan-24	APERIO GROUP LLC	in specie	n/a	ORD	-1,981,568	-1,981,568
03-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD	-3,571	-3,571
03-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD	-47,500	-47,500
03-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD	-35,648	-35,648
03-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD	-10,964	-10,964
03-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD	643	643
03-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD	106	106
03-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD	108	108
03-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.14	ORD	-4,528	-4,528
03-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.14	ORD	-11,893	-11,893
03-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	2,331	2,331
03-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD	1,332	1,332
03-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-4,370	-4,370
03-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD	-556	-556
03-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-780,962	-780,962
03-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	780,962	780,962
03-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	843	4,215
03-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-111	-555
03-Jan-24	APERIO GROUP LLC	in specie	n/a	ORD	-88,135	-88,135
04-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD	-98,120	-98,120
04-Jan-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.15	ORD	-7,852	-7,852
04-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD	-15,026	-15,026
04-Jan-24	BlackRock Investment Management (UK) Limited	on mkt sell	5.14	ORD	-65,396	-65,396

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04-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -441	-441
04-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.14	ORD -148,724	-148,724
04-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.14	ORD -8,930	-8,930
04-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.14	ORD -8,930	-8,930
04-Jan-24	BlackRock Asset Management Deutschland AG	on mkt buy	5.14	ORD 162,404	162,404
04-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 12	12
04-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 68	68
04-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.14	ORD -4,455	-4,455
04-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 6,940	6,940
04-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 4,481	4,481
04-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.14	ORD 5,471	5,471
04-Jan-24	BlackRock Asset Management Canada Limited	on mkt buy	5.14	ORD 4,262	4,262
04-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	ORD 1,185	1,185
04-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 770,259	770,259
04-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -780,962	-780,962
04-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,424	17,120
05-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD -34,516	-34,516
05-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD -30,860	-30,860
05-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	ORD -5,853	-5,853
05-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.16	ORD -33,832	-33,832
05-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.15	ORD -3,393	-3,393
05-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD -98,120	-98,120
05-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD -8,162	-8,162
05-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD -21,426	-21,426
05-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD 729	729
05-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD 121	121
05-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.16	ORD 122	122
05-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD 7,177	7,177
05-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 2,436	2,436
05-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 1,740	1,740
05-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 5,472	5,472
05-Jan-24	BlackRock Fund Advisors	on mkt buy	5.16	ORD 647	647
05-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD -2,421	-2,421
05-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -3,387	-3,387
05-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -270	-1,350
05-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 300	1,500
08-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.16	ORD -1,348	-1,348
08-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.17	ORD -63,716	-63,716
08-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.16	ORD -24,679	-24,679
08-Jan-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.16	ORD -8,834	-8,834
08-Jan-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.18	ORD 8,071	8,071
08-Jan-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.18	ORD 154,381	154,381

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08-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19 ORD 24	24
08-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.19 ORD -1,822	-1,822
08-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19 ORD 10,946	10,946
08-Jan-24	BlackRock Fund Advisors	in specie	n/a ORD 6,839	6,839
08-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 753,013	753,013
08-Jan-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -562	-2,810
08-Jan-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 79	395
09-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.19 ORD -24,121	-24,121
09-Jan-24	BlackRock Fund Advisors	in specie	n/a ORD -14,718	-14,718
09-Jan-24	BlackRock Fund Advisors	in specie	n/a ORD -107,932	-107,932
09-Jan-24	BlackRock Fund Advisors	in specie	n/a ORD -19,624	-19,624
09-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.20 ORD 3,525	3,525
09-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.20 ORD 2,784	2,784
09-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.20 ORD -874	-874
09-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.18 ORD 1,160	1,160
09-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -1,519,885	-1,519,885
09-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 760,008	760,008
09-Jan-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -2,021	-10,105
09-Jan-24	APERIO GROUP LLC	in specie	n/a ORD 58,772	58,772
10-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19 ORD 884	884
10-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19 ORD 125	125
10-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.19 ORD 133	133
10-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.20 ORD -17,782	-17,782
10-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.20 ORD -9,548	-9,548
10-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.19 ORD -4,391	-4,391
10-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19 ORD 3,515	3,515
10-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19 ORD 1,420	1,420
10-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.19 ORD -546	-546
10-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.19 ORD -2,240	-2,240
10-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.19 ORD 3,360	3,360
10-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -1,930	-1,930
10-Jan-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,768	8,839
11-Jan-24	BlackRock Fund Advisors	in specie	n/a ORD 9,688	9,688
11-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.16 ORD -12,116	-12,116
11-Jan-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.16 ORD -4,943	-4,943
11-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.19 ORD -45,812	-45,812
11-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.16 ORD -1,486	-1,486
11-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.20 ORD 2,185	2,185
11-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.20 ORD 28,797	28,797
11-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 1,457,410	1,457,410
11-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -698,134	-698,134
11-Jan-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,563	7,815
11-Jan-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 113	565
12-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.21 ORD -39,072	-39,072
12-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.21 ORD -21,610	-21,610
12-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.21 ORD -10,903	-10,903

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12-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.22	ORD 815	815
12-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD -149	-149
12-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD -30	-30
12-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.25	ORD -34	-34
12-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.22	ORD 2,614	2,614
12-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD 2,088	2,088
12-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD -1,720	-1,720
12-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD -5,476	-5,476
12-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.25	ORD -834	-834
12-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.25	ORD 5,517	5,517
12-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.25	ORD 25,292	25,292
12-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.20	ORD 5,824	5,824
12-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -864,001	-864,001
12-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -59,944	-59,944
12-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 130,182	130,182
12-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,428,928	7,144,638
12-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 116,309	581,545
12-Jan-24	APERIO GROUP LLC	in specie	n/a	ORD 126,625	126,625
12-Jan-24	APERIO GROUP LLC	in specie	n/a	ORD 1,952,205	1,952,205
15-Jan-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.22	ORD -12,139	-12,139
15-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.22	ORD -17,149	-17,149
15-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.21	ORD -25,385	-25,385
15-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.23	ORD -5,404	-5,404
15-Jan-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.23	ORD 3,712	3,712
15-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.24	ORD 6,496	6,496
15-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -593,409	-593,409
15-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 588,708	588,708
16-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD -53,966	-53,966
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -4,391	-4,391
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -48	-48
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD 2,082	2,082
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -911	-911
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -2,185	-2,185
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -8,432	-8,432
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -5,475	-5,475
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -10,950	-10,950
16-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.23	ORD -29,865	-29,865
16-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 1,223,859	1,223,859
16-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 147,928	147,928
16-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -718,890	-718,890
16-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,425,204	-7,126,018
16-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -116,256	-581,280
16-Jan-24	APERIO GROUP LLC	in specie	n/a	ORD -126,625	-126,625
16-Jan-24	APERIO GROUP LLC	in specie	n/a	ORD -1,952,205	-1,952,205
17-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD 6,560	6,560
17-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD 4,920	4,920

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17-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.25	ORD	-896	-896
17-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.24	ORD	12,140	12,140
17-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.23	ORD	-13,574	-13,574
17-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.23	ORD	-5,143	-5,143
17-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	3,515	3,515
17-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	703	703
17-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	1,396	1,396
17-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.25	ORD	5,488	5,488
17-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.25	ORD	27,266	27,266
17-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.25	ORD	5,600	5,600
17-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	214,987	214,987
17-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-147,928	-147,928
17-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-152	-760
17-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	27	135
18-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD	26,310	26,310
18-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.24	ORD	-5,569	-5,569
18-Jan-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.26	ORD	-10,643	-10,643
18-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.26	ORD	-17,096	-17,096
18-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.23	ORD	19,308	19,308
18-Jan-24	BlackRock Asset Management Deutschland AG	on mkt buy	5.24	ORD	7,373	7,373
18-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD	2,792	2,792
18-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.24	ORD	-4,410	-4,410
18-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.24	ORD	-2,112	-2,112
18-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.24	ORD	-5,489	-5,489
18-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.24	ORD	-834	-834
18-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.24	ORD	30,168	30,168
18-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.25	ORD	4,704	4,704
18-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,438,846	-1,438,846
18-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	715,694	715,694
18-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,334	11,670
18-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	207	1,035
19-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD	-4,225	-4,225
19-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD	-24,530	-24,530
19-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD	-9,220	-9,220
19-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.26	ORD	-15,602	-15,602
19-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.26	ORD	-20,906	-20,906
19-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.26	ORD	-10,820	-10,820
19-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.24	ORD	1,493	1,493
19-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.24	ORD	274	274
19-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.24	ORD	271	271
19-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.26	ORD	1,895	1,895
19-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.24	ORD	-23,555	-23,555
19-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD	2,820	2,820
19-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD	996	996

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19-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD 996	996
19-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD 454	454
19-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD 4,448	4,448
19-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD 5,522	5,522
19-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.24	ORD 416	416
19-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.24	ORD 29,821	29,821
19-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.26	ORD 2,240	2,240
19-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.26	ORD 1,590	1,590
19-Jan-24	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -228,929	-228,929
19-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 678,972	678,972
19-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -715,694	-715,694
19-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,429	7,145
19-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -314	-1,570
22-Jan-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.29	ORD -10,353	-10,353
22-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.29	ORD -18,063	-18,063
22-Jan-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.29	ORD 4,536	4,536
22-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD -44	-44
22-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD 993	993
22-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD -417	-417
22-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD -18,559	-18,559
22-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 722,315	722,315
22-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -678,972	-678,972
22-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 713,360	713,360
22-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,432	12,160
22-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 390	1,950
23-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD -39,248	-39,248
23-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.29	ORD -5,126	-5,126
23-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.30	ORD -24,482	-24,482
23-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD 4,218	4,218
23-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD 4,218	4,218
23-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD 1,047	1,047
23-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD 2,792	2,792
23-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD 454	454
23-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.30	ORD 4,645	4,645
23-Jan-24	BlackRock Investment Management, LLC	on mkt buy	5.30	ORD 3,559	3,559
23-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.31	ORD 1,344	1,344
23-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.31	ORD -569	-569
23-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 55,504	55,504
23-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -722,315	-722,315
23-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 650,392	650,392
23-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -713,360	-713,360
23-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 527	2,635
23-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -91	-455
24-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD 49,875	49,875
24-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD -41,968	-41,968
24-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.30	ORD -58,358	-58,358

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24-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.30	ORD -10,775	-10,775
24-Jan-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.30	ORD 2,665	2,665
24-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.30	ORD -1,890	-1,890
24-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.31	ORD -64	-64
24-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.31	ORD 4,361	4,361
24-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.31	ORD -13,082	-13,082
24-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.31	ORD 3,628	3,628
24-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.31	ORD -2,183	-2,183
24-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.31	ORD -6,549	-6,549
24-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.31	ORD 49,104	49,104
24-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.31	ORD -542	-542
24-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.31	ORD 26,215	26,215
24-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.31	ORD -1,707	-1,707
24-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 210,932	210,932
24-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -650,392	-650,392
24-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 439,318	439,318
24-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 852	4,260
25-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,126	1,126
25-Jan-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.34	ORD -21,019	-21,019
25-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.34	ORD -16,062	-16,062
25-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.34	ORD -39,924	-39,924
25-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.35	ORD 1,495	1,495
25-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.35	ORD 4,935	4,935
25-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.35	ORD -4,368	-4,368
25-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.35	ORD -17,472	-17,472
25-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.35	ORD -259	-259
25-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 40,246	40,246
25-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 290,292	290,292
25-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 98,304	98,304
25-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -439,318	-439,318
25-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,723	8,615
25-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 321	1,605
26-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,342	1,342
26-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.37	ORD 288	288
26-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.37	ORD 76	76
26-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.37	ORD 24	24
26-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.40	ORD 1,041	1,041
26-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ORD -6,561	-6,561
26-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ORD -834	-834
26-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ORD -278	-278
26-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.40	ORD -23,894	-23,894
26-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.40	ORD 13,461	13,461
26-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.40	ORD 4,951	4,951
26-Jan-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.40	ORD 3,148	3,148

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26-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	409,380	409,380
26-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	79,758	79,758
26-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-98,304	-98,304
26-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	62	310
26-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-409	-2,045
29-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	in specie	n/a	ORD	40,199	40,199
29-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.27	ORD	-326	-326
29-Jan-24	BlackRock Asset Management Deutschland AG	on mkt buy	5.26	ORD	7,374	7,374
29-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.26	ORD	-13,081	-13,081
29-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD	4,230	4,230
29-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD	2,784	2,784
29-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD	5,730	5,730
29-Jan-24	BlackRock Asset Management Canada Limited	on mkt buy	5.26	ORD	2,090	2,090
29-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.26	ORD	5,448	5,448
29-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.26	ORD	5,788	5,788
29-Jan-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.29	ORD	-11,528	-11,528
29-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.29	ORD	-17,047	-17,047
29-Jan-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-716,062	-716,062
29-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-370,050	-370,050
29-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	677,056	677,056
29-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,391	11,955
29-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	18	90
30-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.29	ORD	-25,042	-25,042
30-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.32	ORD	13,076	13,076
30-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.32	ORD	-2,999	-2,999
30-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-677,056	-677,056
30-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-811	-4,055
30-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	44	220
31-Jan-24	BlackRock Fund Advisors	in specie	n/a	ORD	12,420	12,420
31-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.31	ORD	38	38
31-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.30	ORD	-28,718	-28,718
31-Jan-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.30	ORD	-13,688	-13,688
31-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.32	ORD	-48	-48
31-Jan-24	BlackRock Advisors (UK) Limited	on mkt buy	5.32	ORD	1,044	1,044
31-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.32	ORD	-10,896	-10,896
31-Jan-24	BlackRock Advisors (UK) Limited	on mkt sell	5.32	ORD	-2,201	-2,201
31-Jan-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.32	ORD	-8,559	-8,559
31-Jan-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.32	ORD	-50,597	-50,597
31-Jan-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.32	ORD	2,818	2,818
31-Jan-24	BlackRock Asset Management Canada Limited	on mkt sell	5.32	ORD	-1,395	-1,395
31-Jan-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.32	ORD	66,164	66,164
31-Jan-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.32	ORD	6,921	6,921

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31-Jan-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 59,438	59,438
31-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 615	3,075
31-Jan-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 93	465
01-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.28	ORD 2,926	2,926
01-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD -9,050	-9,050
01-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.29	ORD 6,212	6,212
01-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD 5,027	5,027
01-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.30	ORD 67,483	67,483
01-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.30	ORD 21,036	21,036
01-Feb-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.30	ORD 21,364	21,364
01-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD 96	96
01-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD 4,176	4,176
01-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD 1,392	1,392
01-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.30	ORD -448	-448
01-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.30	ORD 5,447	5,447
01-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.30	ORD -276	-276
01-Feb-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.28	ORD -3,637	-3,637
01-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.28	ORD -11,371	-11,371
01-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 134,944	134,944
01-Feb-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -59,438	-59,438
01-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 106,122	106,122
01-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,076	10,380
01-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -83	-415
01-Feb-24	APERIO GROUP LLC	in specie	n/a	ORD 7,284	7,284
02-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD -8,304	-8,304
02-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD -49,060	-49,060
02-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD -32,454	-32,454
02-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.31	ORD -994	-994
02-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.31	ORD -174	-174
02-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.31	ORD -152	-152
02-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.33	ORD -46,733	-46,733
02-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.33	ORD -37,473	-37,473
02-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.33	ORD -7,314	-7,314
02-Feb-24	BlackRock Asset Management Canada Limited	on mkt buy	5.31	ORD 5,174	5,174
02-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.31	ORD 4,370	4,370
02-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.31	ORD 13,110	13,110
02-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.31	ORD 72	72
02-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.31	ORD 29,296	29,296
02-Feb-24	BlackRock Investment Management, LLC	on mkt buy	5.31	ORD 5,957	5,957
02-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -134,944	-134,944
02-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 562,410	562,410
02-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,609	8,045
02-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -292	-1,460
05-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD 26,310	26,310
05-Feb-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.33	ORD -15,279	-15,279

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
05-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.33	ORD -41,256	-41,256
05-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.33	ORD 3,789	3,789
05-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.35	ORD 8,758	8,758
05-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.35	ORD 35,032	35,032
05-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.35	ORD 13,137	13,137
05-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.35	ORD 72	72
05-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.35	ORD 2,812	2,812
05-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.35	ORD 1,992	1,992
05-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.35	ORD 489	489
05-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.35	ORD 412	412
05-Feb-24	BlackRock Fund Advisors	on mkt sell	5.35	ORD -1,330	-1,330
05-Feb-24	BlackRock Investment Management, LLC	on mkt buy	5.35	ORD 3,658	3,658
05-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 165,478	165,478
05-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -668,532	-668,532
05-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,228	11,140
05-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 91	455
06-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD -10,369	-10,369
06-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD -8,108	-8,108
06-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.34	ORD -51,021	-51,021
06-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 60,482	60,482
06-Feb-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 4	4
06-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,577	7,885
06-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -179	-895
07-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.30	ORD 2,296	2,296
07-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.30	ORD 372	372
07-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.30	ORD 367	367
07-Feb-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.27	ORD 2,775	2,775
07-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.25	ORD -60,683	-60,683
07-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.25	ORD -10,609	-10,609
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 8,744	8,744
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 4,373	4,373
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 8,746	8,746
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 3,515	3,515
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 1,406	1,406
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 993	993
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 1,986	1,986
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 3,310	3,310
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.29	ORD -900	-900
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 928	928
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 928	928
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 4,784	4,784
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.29	ORD -2,179	-2,179
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.29	ORD -8,372	-8,372
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.29	ORD -5,434	-5,434
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.29	ORD -7,779	-7,779
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 413	413
07-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.29	ORD 826	826
07-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.29	ORD 26,152	26,152
07-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD 16,400	16,400
07-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -225,960	-225,960
07-Feb-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -4	-4
07-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 194,022	194,022

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07-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	544 2,720
08-Feb-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.20 ORD	-13,762 -13,762
08-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.20 ORD	-33,944 -33,944
08-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.21 ORD	9,931 9,931
08-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.20 ORD	24,515 24,515
08-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.20 ORD	541 541
08-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.20 ORD	-706 -706
08-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.20 ORD	-3,129 -3,129
08-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.20 ORD	-2,682 -2,682
08-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.20 ORD	909 909
08-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.20 ORD	413 413
08-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.20 ORD	7,146 7,146
08-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.20 ORD	1,182 1,182
08-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.20 ORD	2,160 2,160
08-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD	-194,022 -194,022
08-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	6,556 32,780
08-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	616 3,080
09-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	-1,134 -1,134
09-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.20 ORD	-69,731 -69,731
09-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.20 ORD	-66,524 -66,524
09-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.20 ORD	-5,897 -5,897
09-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19 ORD	1,414 1,414
09-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19 ORD	1,011 1,011
09-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19 ORD	269 269
09-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	6 30
09-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	42 210
12-Feb-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	5.20 ORD	-8,263 -8,263
12-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.20 ORD	-21,578 -21,578
12-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.20 ORD	20,365 20,365
12-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.18 ORD	1,740 1,740
12-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.18 ORD	981 981
12-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.18 ORD	3,828 3,828
12-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.18 ORD	1,335 1,335
12-Feb-24	BlackRock Investment Management, LLC	on mkt buy	5.18 ORD	3,795 3,795
12-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.20 ORD	1,182 1,182
12-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.20 ORD	-507 -507
12-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	-328 -1,640
12-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	-45 -225
13-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	-68,684 -68,684
13-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	6,846 6,846
13-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.20 ORD	20 20
13-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.20 ORD	2,979 2,979
13-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.20 ORD	-910 -910
13-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.20 ORD	-5,433 -5,433
13-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.17 ORD	-24,964 -24,964
13-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	372 1,860

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13-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	-21 -105
14-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13 ORD	4,061 4,061
14-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	-26,645 -26,645
14-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12 ORD	669 669
14-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12 ORD	104 104
14-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12 ORD	103 103
14-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.12 ORD	2,115 2,115
14-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.12 ORD	1,655 1,655
14-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.12 ORD	-5,449 -5,449
14-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.12 ORD	-5,449 -5,449
14-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.12 ORD	546 546
14-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.12 ORD	546 546
14-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.10 ORD	1,792 1,792
14-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	1,226 6,129
14-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	-192 -960
15-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.14 ORD	11,840 11,840
15-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	-62,790 -62,790
15-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	13,436 13,436
15-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	6,718 6,718
15-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	4,855 4,855
15-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	3,704 3,704
15-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	9,723 9,723
15-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15 ORD	5,910 5,910
15-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.15 ORD	3,602 3,602
15-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.15 ORD	3,745 3,745
15-Feb-24	BlackRock Asset Management Deutschland AG	on mkt sell	5.14 ORD	-51,597 -51,597
15-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.14 ORD	4,935 4,935
15-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.14 ORD	2,317 2,317
15-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.14 ORD	2,979 2,979
15-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.14 ORD	-5,447 -5,447
15-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.14 ORD	276 276
15-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15 ORD	2,240 2,240
15-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD	663,068 663,068
15-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	-3,346 -16,730
15-Feb-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	-42 -210
16-Feb-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.16 ORD	619 619
16-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	-29,436 -29,436
16-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	6,920 6,920
16-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	26,310 26,310
16-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	1,257 1,257
16-Feb-24	BlackRock Fund Advisors	in specie	n/a ORD	6,432 6,432
16-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19 ORD	-549 -549
16-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19 ORD	-84 -84
16-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19 ORD	-80 -80
16-Feb-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.19 ORD	46,221 46,221
16-Feb-24	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD	-50,858 -50,858

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16-Feb-24	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	-39,099	-39,099
16-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD	4,391	4,391
16-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD	12,002	12,002
16-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD	2,118	2,118
16-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD	2,118	2,118
16-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD	1,324	1,324
16-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.19	ORD	-1,362	-1,362
16-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.19	ORD	-5,446	-5,446
16-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.19	ORD	838	838
16-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.19	ORD	-3,314	-3,314
16-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-663,068	-663,068
16-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,453,606	7,268,028
16-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	116,679	583,395
16-Feb-24	APERIO GROUP LLC	in specie	n/a	ORD	126,625	126,625
16-Feb-24	APERIO GROUP LLC	in specie	n/a	ORD	1,924,319	1,924,319
19-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.11	ORD	-3,218	-3,218
19-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11	ORD	-13,254	-13,254
19-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11	ORD	-11,348	-11,348
19-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.11	ORD	945	945
20-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD	8,205	8,205
20-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD	6,564	6,564
20-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD	13,284	13,284
20-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD	6,642	6,642
20-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD	5,784	5,784
20-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10	ORD	-27,547	-27,547
20-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10	ORD	-15,753	-15,753
20-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	376	376
20-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	2,824	2,824
20-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	8,472	8,472
20-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	492	492
20-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	909	909
20-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD	-28,574	-28,574
20-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD	-5,462	-5,462
20-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.11	ORD	-16,386	-16,386
20-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	267	267
20-Feb-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	662,496	662,496
20-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,454,819	-7,274,093
20-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-116,675	-583,375
20-Feb-24	APERIO GROUP LLC	in specie	n/a	ORD	-126,625	-126,625
20-Feb-24	APERIO GROUP LLC	in specie	n/a	ORD	-1,941,904	-1,941,904
21-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD	2,684	2,684
21-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD	21,285	21,285
21-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11	ORD	-1,101	-1,101
21-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11	ORD	-179	-179
21-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.11	ORD	-172	-172
21-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	ORD	16,694	16,694
21-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD	-40,392	-40,392
21-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD	-64,850	-64,850
21-Feb-24	BlackRock Asset Management Deutschland AG	on mkt buy	5.11	ORD	14,786	14,786
21-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	3,530	3,530
21-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.11	ORD	664	664

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21-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.11	ORD 66,919	66,919
21-Feb-24	BlackRock Asset Management Canada Limited	on mkt sell	5.11	ORD -1,301	-1,301
21-Feb-24	BlackRock Investment Management, LLC	on mkt buy	5.11	ORD 9,995	9,995
21-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 661,670	661,670
21-Feb-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -662,496	-662,496
21-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -4,591	-22,955
21-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 41	205
22-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.13	ORD 5,642	5,642
22-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -661,670	-661,670
22-Feb-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 658,023	658,023
22-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,984	-19,920
22-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 614	3,070
23-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD -13,449	-13,449
23-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD -8,966	-8,966
23-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.15	ORD 5,783	5,783
23-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -1,051	-1,051
23-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.15	ORD -5,425	-5,425
23-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD -22,006	-22,006
23-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	ORD -8,202	-8,202
23-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.16	ORD -8,836	-8,836
23-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.16	ORD 1,328	1,328
23-Feb-24	BlackRock Asset Management Canada Limited	on mkt sell	5.16	ORD -974	-974
23-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 655,022	655,022
23-Feb-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -658,023	-658,023
23-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,189	-10,945
23-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -535	-2,675
26-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD 559	559
26-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD 5,826	5,826
26-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.12	ORD -18,453	-18,453
26-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.12	ORD -13,672	-13,672
26-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD 251	251
26-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD 53	53
26-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.15	ORD 54	54
26-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD -10,393	-10,393
26-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD -1,449	-1,449
26-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.12	ORD -1,509	-1,509
26-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	ORD -8,032	-8,032
26-Feb-24	BlackRock Japan Co., Ltd.	on mkt sell	5.14	ORD -108,717	-108,717
26-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD -13,128	-13,128
26-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.15	ORD 493	493
26-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.15	ORD -5,456	-5,456
26-Feb-24	BlackRock Asset Management Canada Limited	on mkt sell	5.15	ORD -965	-965

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26-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-2,164	-2,164
26-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,422	7,110
26-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	124	620
27-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD	-4,427	-4,427
27-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	2,988	2,988
27-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	949	949
27-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	838	838
27-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.08	ORD	3,314	3,314
27-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.08	ORD	-18,241	-18,241
27-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.09	ORD	448	448
27-Feb-24	BlackRock Investment Management (Australia) Limited	on mkt buy	5.09	ORD	1,182	1,182
27-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-91,789	-91,789
27-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	92,710	92,710
27-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-650	-3,250
27-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	465	2,325
27-Feb-24	APERIO GROUP LLC	in specie	n/a	ORD	48,484	48,484
28-Feb-24	BlackRock Fund Advisors	in specie	n/a	ORD	-8,966	-8,966
28-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD	3,118	3,118
28-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD	493	493
28-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.13	ORD	489	489
28-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.14	ORD	-3,010	-3,010
28-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.14	ORD	-4,055	-4,055
28-Feb-24	BlackRock Japan Co., Ltd.	on mkt sell	5.14	ORD	-108,717	-108,717
28-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD	-13,332	-13,332
28-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD	-8,888	-8,888
28-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.13	ORD	-17,776	-17,776
28-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD	1,710	1,710
28-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.13	ORD	1,866	1,866
28-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-561,069	-561,069
28-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-92,710	-92,710
28-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,127	-5,635
28-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	208	1,040
29-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05	ORD	-3,574	-3,574
29-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05	ORD	-3,326	-3,326
29-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05	ORD	-1,590	-1,590
29-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05	ORD	-3,602	-3,602
29-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.05	ORD	-8,159	-8,159
29-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05	ORD	-2,215	-2,215
29-Feb-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.05	ORD	-3,745	-3,745
29-Feb-24	BlackRock Investment Management (UK) Limited	on mkt sell	5.06	ORD	-126,364	-126,364
29-Feb-24	BlackRock Investment Management (UK) Limited	on mkt sell	5.06	ORD	-126,295	-126,295
29-Feb-24	BlackRock Asset Management Deutschland AG	on mkt sell	5.07	ORD	-104,300	-104,300
29-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD	4,224	4,224
29-Feb-24	BlackRock Fund Advisors	on mkt buy	5.07	ORD	72,447	72,447
29-Feb-24	BlackRock Fund Advisors	on mkt sell	5.07	ORD	-33,654	-33,654
29-Feb-24	BlackRock Asset Management Canada Limited	on mkt buy	5.07	ORD	73,104	73,104

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
29-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD -342	-342
29-Feb-24	BlackRock Fund Advisors	on mkt buy	5.07	ORD 293,385	293,385
29-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.07	ORD -38,385	-38,385
29-Feb-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.07	ORD -10,384	-10,384
29-Feb-24	BlackRock Fund Advisors	on mkt buy	5.07	ORD 14,576	14,576
29-Feb-24	BlackRock Asset Management Canada Limited	on mkt buy	5.07	ORD 14,708	14,708
29-Feb-24	BlackRock Fund Advisors	on mkt buy	5.07	ORD 59,028	59,028
29-Feb-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.07	ORD 8,489	8,489
29-Feb-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.07	ORD 6,996	6,996
29-Feb-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.07	ORD 24,962	24,962
29-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD 75,952	75,952
29-Feb-24	BlackRock Advisors (UK) Limited	on mkt buy	5.07	ORD 54,509	54,509
29-Feb-24	BlackRock Advisors (UK) Limited	on mkt sell	5.07	ORD -287	-287
29-Feb-24	BlackRock Investment Management (UK) Limited	on mkt sell	5.07	ORD -105,712	-105,712
29-Feb-24	BlackRock Investment Management (UK) Limited	on mkt sell	5.07	ORD -105,657	-105,657
29-Feb-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 1,323,232	1,323,232
29-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -408	-2,040
29-Feb-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 428	2,140
01-Mar-24	BlackRock Fund Advisors	on mkt buy	5.03	ORD 3,496	3,496
01-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD -3,936	-3,936
01-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD -628	-628
01-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD -622	-622
01-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD -36,201	-36,201
01-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.03	ORD -16,198	-16,198
01-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.03	ORD -42,480	-42,480
01-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.03	ORD -4,353	-4,353
01-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD -14,786	-14,786
01-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD -36	-36
01-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 1,388	1,388
01-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 4,858	4,858
01-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 2,704	2,704
01-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 1,690	1,690
01-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD -912	-912
01-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 1,922	1,922
01-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	5.04	ORD -21,892	-21,892
01-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD 411	411
01-Mar-24	BlackRock Fund Advisors	on mkt sell	5.04	ORD -32,017	-32,017
01-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.03	ORD -507	-507
01-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD -21,228	-21,228
01-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD 70,650	70,650
01-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -653,267	-653,267
01-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,021	5,105
01-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 67	335
01-Mar-24	APERIO GROUP LLC	in specie	n/a	ORD 37,996	37,996
03-Mar-24	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -323,452	-323,452

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04-Mar-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	4.98	ORD -7,401	-7,401
04-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.98	ORD -30,645	-30,645
04-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.97	ORD -16,257	-16,257
04-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.97	ORD -22,723	-22,723
04-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.97	ORD -11,854	-11,854
04-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.98	ORD -1,792	-1,792
04-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.98	ORD -13,693	-13,693
04-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.98	ORD -2,348	-2,348
04-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	ORD 39,769	39,769
04-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	ORD 30,704	30,704
04-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.00	ORD 5,434	5,434
04-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.00	ORD -74,136	-74,136
04-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.94	ORD -1,969	-1,969
04-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD 16,968	16,968
04-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD 56,520	56,520
04-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -669,965	-669,965
04-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 671,494	671,494
04-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,002	-10,010
04-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 620	3,100
05-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD 2,828	2,828
05-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD -26,988	-26,988
05-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD 8,071	8,071
05-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD 5,765	5,765
05-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	ORD 8,760	8,760
05-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD 8	8
05-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD 36	36
05-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD 1,340	1,340
05-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD 2,680	2,680
05-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD 910	910
05-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD -4,416	-4,416
05-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD -10,870	-10,870
05-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.98	ORD 1,792	1,792
05-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 2	2
05-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -918	-918
05-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,137	-5,685
05-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 199	995
06-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,142	1,142
06-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01	ORD 3,606	3,606
06-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01	ORD 584	584
06-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.01	ORD 575	575
06-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.02	ORD -8,855	-8,855
06-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD 36	36
06-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD 476	476
06-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD -5,451	-5,451
06-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD -4,922	-4,922

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06-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	ORD	-507	-507
06-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-2	-2
06-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-670,576	-670,576
06-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,929	-14,645
06-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-467	-2,335
07-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	575	575
07-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	575	575
07-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.03	ORD	-10,684	-10,684
07-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.03	ORD	-5,241	-5,241
07-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.03	ORD	-609	-609
07-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.03	ORD	-1,872	-1,872
07-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.04	ORD	-672	-672
07-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	5.01	ORD	17,869	17,869
07-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	2,088	2,088
07-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD	910	910
07-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	5.01	ORD	-2,208	-2,208
07-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,921	-9,605
07-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	72	360
08-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	-13,491	-13,491
08-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	ORD	446	446
08-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	ORD	66	66
08-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	ORD	64	64
08-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.02	ORD	-18,811	-18,811
08-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	5.02	ORD	3,149	3,149
08-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	58,331	58,331
08-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	2,094	2,094
08-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	2,688	2,688
08-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	2,016	2,016
08-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.03	ORD	962	962
08-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	5.03	ORD	-507	-507
08-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-3,909	-19,545
08-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	142	710
11-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	1,342	1,342
11-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.04	ORD	-6,561	-6,561
11-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.04	ORD	-7,042	-7,042
11-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.04	ORD	-7,197	-7,197
11-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	5.03	ORD	-5,929	-5,929
11-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	8,982	8,982
11-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.04	ORD	930	930
11-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,463	-12,315
11-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,581	-7,905
12-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	-20,048	-20,048
12-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	11,320	11,320
12-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	9,576	9,576
12-Mar-24	BlackRock Investment Management, LLC	on mkt buy	4.98	ORD	5,842	5,842
12-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.98	ORD	2,720	2,720
12-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,505	-7,525

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12-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-241	-1,205
13-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	1,342	1,342
13-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	-8,994	-8,994
13-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	-40,096	-40,096
13-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	6,840	6,840
13-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.99	ORD	-230	-230
13-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.99	ORD	-34	-34
13-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.98	ORD	-49,288	-49,288
13-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.99	ORD	1,578	1,578
13-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD	3,500	3,500
13-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD	1,344	1,344
13-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD	1,344	1,344
13-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.99	ORD	-16,350	-16,350
13-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.99	ORD	278	278
13-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.99	ORD	-33	-33
13-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	ORD	507	507
13-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	ORD	1,792	1,792
13-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.97	ORD	-2,793	-2,793
13-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	551,156	551,156
13-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	122,465	122,465
13-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,432	-7,160
13-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-502	-2,510
14-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.95	ORD	-16,973	-16,973
14-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.95	ORD	-17,917	-17,917
14-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.95	ORD	-11,789	-11,789
14-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.95	ORD	-10,073	-10,073
14-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	970	970
14-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	280	280
14-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.97	ORD	560	560
14-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.97	ORD	-830	-830
14-Mar-24	BlackRock Asset Management Deutschland AG	on mkt sell	4.97	ORD	-5,195	-5,195
14-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	-3,516	-3,516
14-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	56,520	56,520
14-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	714,600	714,600
14-Mar-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	4	4
14-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-122,465	-122,465
14-Mar-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	122,465	122,465
14-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-3,159	-15,795
14-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-674	-3,370
14-Mar-24	APERIO GROUP LLC	in specie	n/a	ORD	-13,409	-13,409
15-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	-7,006	-7,006
15-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	8,134	8,134
15-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD	6,840	6,840
15-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD	345	345
15-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD	64	64
15-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.90	ORD	62	62

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
15-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -19,788	-19,788
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.90	ORD -11,524	-11,524
15-Mar-24	BlackRock Asset Management Canada Limited	on mkt sell	4.90	ORD -29,561	-29,561
15-Mar-24	BlackRock Fund Advisors	on mkt sell	4.90	ORD -4,148,414	-4,148,414
15-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	ORD -29,174	-29,174
15-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.91	ORD -20,487	-20,487
15-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -18,112	-18,112
15-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 2,022	2,022
15-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -914	-914
15-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 942	942
15-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -5,501	-5,501
15-Mar-24	BlackRock Investment Management, LLC	on mkt sell	4.90	ORD -4,126	-4,126
15-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -5,501	-5,501
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.90	ORD 109,752	109,752
15-Mar-24	BlackRock Fund Advisors	on mkt buy	4.90	ORD 18,313	18,313
15-Mar-24	BlackRock Asset Management Deutschland AG	on mkt buy	4.90	ORD 135,147	135,147
15-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 162,620	162,620
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.90	ORD 16,046	16,046
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.90	ORD 176,699	176,699
15-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -2,013	-2,013
15-Mar-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.90	ORD -1,172	-1,172
15-Mar-24	BlackRock Asset Management Canada Limited	on mkt sell	4.90	ORD -3,008	-3,008
15-Mar-24	BlackRock Fund Advisors	on mkt sell	4.90	ORD -422,076	-422,076
15-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	ORD -2,968	-2,968
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.91	ORD 507	507
15-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.91	ORD -4,007	-4,007
15-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -575,275	-575,275
15-Mar-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -4	-4
15-Mar-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -122,465	-122,465
15-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,559	12,795
15-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 100	500
18-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD -14,060	-14,060
18-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD 862	862
18-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD -103,446	-103,446
18-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD -34,482	-34,482
18-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD 2,784	2,784
18-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD -118,626	-118,626
18-Mar-24	BlackRock Asset Management Deutschland AG	on mkt buy	4.91	ORD 13,833	13,833
18-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.91	ORD 23,099	23,099
18-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.90	ORD -3,371	-3,371
18-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.90	ORD -7,916	-7,916
18-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -4,527	-4,527
18-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 14,061	14,061
18-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 2,792	2,792
18-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.90	ORD -918	-918
18-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 5,498	5,498

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
18-Mar-24	BlackRock Fund Advisors	on mkt buy	4.90 ORD 1,605	1,605
18-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 60,923	60,923
18-Mar-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -10,268	-51,340
18-Mar-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -210	-1,050
19-Mar-24	BlackRock Fund Advisors	in specie	n/a ORD 1,158	1,158
19-Mar-24	BlackRock Fund Advisors	in specie	n/a ORD -34,431	-34,431
19-Mar-24	BlackRock Fund Advisors	in specie	n/a ORD -21,090	-21,090
19-Mar-24	BlackRock Fund Advisors	in specie	n/a ORD -59,755	-59,755
19-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.93 ORD 1,408	1,408
19-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.93 ORD 942	942
19-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.93 ORD -2,208	-2,208
19-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.93 ORD -4,416	-4,416
19-Mar-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.93 ORD -8,554	-8,554
19-Mar-24	BlackRock Fund Advisors	on mkt sell	4.93 ORD -2,044	-2,044
19-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.96 ORD 2,016	2,016
19-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.96 ORD 1,344	1,344
19-Mar-24	BlackRock Fund Advisors	in specie	n/a ORD -66,785	-66,785
19-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -751,404	-751,404
19-Mar-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -469	-2,345
19-Mar-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -293	-1,465
20-Mar-24	BlackRock Fund Advisors	in specie	n/a ORD -18,024	-18,024
20-Mar-24	BlackRock Fund Advisors	in specie	n/a ORD 14,050	14,050
20-Mar-24	BlackRock Fund Advisors	in specie	n/a ORD 9,576	9,576
20-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.99 ORD 816	816
20-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.99 ORD 135	135
20-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.99 ORD 130	130
20-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.00 ORD 3,470	3,470
20-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.00 ORD 5,498	5,498
20-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	5.00 ORD 8	8
20-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	5.00 ORD -2,311	-2,311
20-Mar-24	BlackRock Fund Advisors	in specie	n/a ORD 6,984	6,984
20-Mar-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -3,138	-15,690
20-Mar-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 293	1,465
20-Mar-24	APERIO GROUP LLC	in specie	n/a ORD 12,832	12,832
21-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.89 ORD -27,252	-27,252
21-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.85 ORD -11,851	-11,851
21-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.85 ORD -26,062	-26,062
21-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.85 ORD -2,278	-2,278
21-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.84 ORD 212,074	212,074
21-Mar-24	BlackRock Japan Co., Ltd.	on mkt sell	4.84 ORD -1,676	-1,676
21-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 14,198	14,198
21-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.84 ORD 13,350	13,350
21-Mar-24	BlackRock Fund Advisors	on mkt sell	4.84 ORD -1,929	-1,929
21-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.85 ORD -507	-507
21-Mar-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -10,590	-52,950
21-Mar-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -172	-860
21-Mar-24	APERIO GROUP LLC	in specie	n/a ORD -73,514	-73,514
22-Mar-24	BlackRock Fund Advisors	in specie	n/a ORD -3,856	-3,856
22-Mar-24	BlackRock Fund Advisors	in specie	n/a ORD 2,754	2,754
22-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81 ORD -790	-790

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
22-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81	ORD -120	-120
22-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.81	ORD -124	-124
22-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 3,550	3,550
22-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 966	966
22-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.81	ORD 4,767	4,767
22-Mar-24	BlackRock Fund Advisors	on mkt buy	4.81	ORD 1,408	1,408
22-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.81	ORD -18,162	-18,162
22-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.81	ORD -19,801	-19,801
22-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -9,097	-45,485
22-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -699	-3,495
25-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.84	ORD 22,774	22,774
25-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.85	ORD -26,373	-26,373
25-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.86	ORD -5,149	-5,149
25-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.86	ORD 14,206	14,206
25-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.86	ORD -669	-669
25-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.86	ORD -3,584	-3,584
25-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -15,501	-77,505
25-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -505	-2,525
26-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD 5,860	5,860
26-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.80	ORD 35,364	35,364
26-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	ORD 59,237	59,237
26-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.78	ORD -17,007	-17,007
26-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -8	-8
26-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 1,408	1,408
26-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 1,408	1,408
26-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.79	ORD 1,690	1,690
26-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -924	-924
26-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.79	ORD -842	-842
26-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD -10,293	-10,293
26-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -14,566	-72,830
26-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,191	-5,955
27-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD -36,192	-36,192
27-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD -58,812	-58,812
27-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD -27,440	-27,440
27-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD 1,514	1,514
27-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD 212	212
27-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.75	ORD 209	209
27-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -9,052	-9,052
27-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.75	ORD 3,490	3,490
27-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -12,168	-12,168
27-Mar-24	BlackRock Advisors (UK) Limited	on mkt sell	4.75	ORD -16,557	-16,557
27-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 2,688	2,688
27-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76	ORD -17,773	-17,773
27-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -7,138	-35,690
27-Mar-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,314	-6,570
28-Mar-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,275	1,275

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28-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77 ORD -411,540	-411,540
28-Mar-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.77 ORD -38,625	-38,625
28-Mar-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.77 ORD -50,590	-50,590
28-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.77 ORD 285	285
28-Mar-24	BlackRock Advisors (UK) Limited	on mkt buy	4.77 ORD 285	285
28-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77 ORD -9,596	-9,596
28-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77 ORD -35,060	-35,060
28-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77 ORD -5,854	-5,854
28-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77 ORD 177,220	177,220
28-Mar-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.77 ORD 9,951	9,951
28-Mar-24	BlackRock Fund Advisors	on mkt buy	4.77 ORD 4,984	4,984
28-Mar-24	BlackRock Fund Advisors	on mkt buy	4.77 ORD 87,783	87,783
28-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77 ORD 7,494	7,494
28-Mar-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77 ORD 2,390	2,390
28-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.77 ORD -17,990	-17,990
28-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.77 ORD -6,916	-6,916
28-Mar-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	4.77 ORD -6,292	-6,292
28-Mar-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.77 ORD 6,736	6,736
28-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 781,630	781,630
28-Mar-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,334,986	6,674,928
28-Mar-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 110,166	550,830
28-Mar-24	APERIO GROUP LLC	in specie	n/a ORD 126,625	126,625
28-Mar-24	APERIO GROUP LLC	in specie	n/a ORD 1,954,293	1,954,293
29-Mar-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -781,548	-781,548
29-Mar-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD 1	1
01-Apr-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 794,956	794,956
01-Apr-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD -1	-1
01-Apr-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,344,873	-6,724,363
01-Apr-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -111,121	-555,605
01-Apr-24	APERIO GROUP LLC	in specie	n/a ORD -126,625	-126,625
01-Apr-24	APERIO GROUP LLC	in specie	n/a ORD -1,954,293	-1,954,293
02-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.79 ORD 11,220	11,220
02-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD 28,980	28,980
02-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD 9,970	9,970
02-Apr-24	BlackRock Fund Advisors	on mkt buy	4.76 ORD 1,310	1,310
02-Apr-24	BlackRock Investment Management, LLC	on mkt buy	4.76 ORD 7,177	7,177
02-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.75 ORD -20,865	-20,865
02-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD 47,817	47,817
02-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD 14,250	14,250
02-Apr-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -686,343	-686,343
02-Apr-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD 527,791	527,791
02-Apr-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 110,204	110,204
02-Apr-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -6,948	-34,740
02-Apr-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -185	-925
03-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD 20,925	20,925
03-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD -30,960	-30,960

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03-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 2,060	2,060
03-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 322	322
03-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 314	314
03-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 5,600	5,600
03-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD -48	-48
03-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 2,052	2,052
03-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.76	ORD -4,427	-4,427
03-Apr-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.76	ORD -209,616	-209,616
03-Apr-24	BlackRock Asset Management Deutschland AG	on mkt buy	4.76	ORD 10,470	10,470
03-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 5,336	5,336
03-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76	ORD 2,912	2,912
03-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76	ORD -34,452	-34,452
03-Apr-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -108,695	-108,695
03-Apr-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -527,791	-527,791
03-Apr-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -110,204	-110,204
03-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -24,469	-122,345
03-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -849	-4,245
04-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD 2,684	2,684
04-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.78	ORD -48,287	-48,287
04-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76	ORD -17,938	-17,938
04-Apr-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	4.78	ORD -6,482	-6,482
04-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.78	ORD 4,734	4,734
04-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.78	ORD -652	-652
04-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.77	ORD 2,712	2,712
04-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.77	ORD 8,858	8,858
04-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.77	ORD 1,585	1,585
04-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.77	ORD -54,787	-54,787
04-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -27,051	-135,255
04-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -4,315	-21,575
04-Apr-24	APERIO GROUP LLC	in specie	n/a	ORD -267,931	-267,931
05-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD 7,579	7,579
05-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD 6,783	6,783
05-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 239	239
05-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 35	35
05-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	ORD 34	34
05-Apr-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.77	ORD 285	285
05-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.77	ORD -25,874	-25,874
05-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.77	ORD -37,052	-37,052
05-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.77	ORD -2,644	-2,644
05-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 2,840	2,840
05-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.76	ORD 2,034	2,034

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
05-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.76 ORD 288	288
05-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.76 ORD -842	-842
05-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD 9,690	9,690
05-Apr-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -7,741	-38,705
05-Apr-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -534	-2,670
08-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD -18,048	-18,048
08-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.75 ORD -16,370	-16,370
08-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.77 ORD -24,828	-24,828
08-Apr-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	4.77 ORD -15,487	-15,487
08-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.77 ORD -53,970	-53,970
08-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.77 ORD -4,734	-4,734
08-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.76 ORD 496	496
08-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.76 ORD 1,792	1,792
08-Apr-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -23,570	-117,850
08-Apr-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 119	595
09-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD -4,509	-4,509
09-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD -9,018	-9,018
09-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.70 ORD -53,002	-53,002
09-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.71 ORD 1,695	1,695
09-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.71 ORD 288	288
09-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.71 ORD 3,314	3,314
09-Apr-24	BlackRock Fund Advisors	on mkt buy	4.71 ORD 4,940	4,940
09-Apr-24	BlackRock Asset Management Canada Limited	on mkt buy	4.71 ORD 10,481	10,481
09-Apr-24	BlackRock Fund Advisors	on mkt buy	4.71 ORD 42,604	42,604
09-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71 ORD 22,928	22,928
09-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71 ORD 6,474	6,474
09-Apr-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD 30,840	30,840
09-Apr-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -20,297	-101,485
09-Apr-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -189	-945
10-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD -25,864	-25,864
10-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD -56,528	-56,528
10-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69 ORD 467	467
10-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69 ORD 96	96
10-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69 ORD 108	108
10-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.69 ORD 7,982	7,982
10-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 4,408	4,408
10-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 4	4
10-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 1,408	1,408
10-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.69 ORD 498	498
10-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.69 ORD -8,860	-8,860
10-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.67 ORD -6,550	-6,550
10-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD 1,820	1,820
10-Apr-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a ORD -30,840	-30,840
10-Apr-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -9,659	-48,295
10-Apr-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -48	-240
11-Apr-24	BlackRock Fund Advisors	in specie	n/a ORD -4,514	-4,514

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
11-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.70	ORD -10,158	-10,158
11-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 4	4
11-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 1,396	1,396
11-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.72	ORD -892	-892
11-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 290	290
11-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.72	ORD 54,351	54,351
11-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -16,245	-81,225
11-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -6,158	-30,790
11-Apr-24	APERIO GROUP LLC	in specie	n/a	ORD 1,301	1,301
12-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD -13,174	-13,174
12-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.69	ORD 7,742	7,742
12-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	ORD 775	775
12-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	ORD 128	128
12-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	ORD 127	127
12-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 998	998
12-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.70	ORD -3,780	-3,780
12-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.70	ORD -18,619	-18,619
12-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD 50,925	50,925
12-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -9,791	-48,955
12-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -119	-595
12-Apr-24	APERIO GROUP LLC	in specie	n/a	ORD -1,301	-1,301
15-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD -76,670	-76,670
15-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.68	ORD -9,397	-9,397
15-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.68	ORD -30,739	-30,739
15-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.67	ORD 18,353	18,353
15-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.69	ORD 13,281	13,281
15-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.69	ORD 4	4
15-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.69	ORD 979	979
15-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.69	ORD -5,478	-5,478
15-Apr-24	BlackRock Asset Management Canada Limited	on mkt buy	4.69	ORD 13,259	13,259
15-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.69	ORD -576	-576
15-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -19,296	-96,480
15-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -890	-4,450
16-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD -13,515	-13,515
16-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD -38,863	-38,863
16-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD -10,788	-10,788
16-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD -453	-453
16-Apr-24	BlackRock Investment Management, LLC	on mkt buy	4.68	ORD 4,547	4,547
16-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.66	ORD -506	-506
16-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD -22,090	-22,090
16-Apr-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 544,938	544,938
16-Apr-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 201,296	201,296
16-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -14,280	-71,400
16-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -5,085	-25,425
17-Apr-24	BlackRock Asset Management Canada Limited	on mkt sell	4.63	ORD -3,181	-3,181
17-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.69	ORD 8,164	8,164
17-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	ORD 1,670	1,670
17-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	ORD 301	301

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
17-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.69	ORD	302	302
17-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD	-13,251	-13,251
17-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD	-13,251	-13,251
17-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD	-13,251	-13,251
17-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD	-1,368	-1,368
17-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD	-2,217	-2,217
17-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD	-5,473	-5,473
17-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.68	ORD	-5,473	-5,473
17-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.68	ORD	-4,693	-4,693
17-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.69	ORD	-11,952	-11,952
17-Apr-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-544,938	-544,938
17-Apr-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	519,756	519,756
17-Apr-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	8,166	8,166
17-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-33,243	-166,215
17-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	571	2,855
17-Apr-24	APERIO GROUP LLC	in specie	n/a	ORD	-39,800	-39,800
18-Apr-24	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	52,205	52,205
18-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD	-52,995	-52,995
18-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD	-8,028	-8,028
18-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.67	ORD	-15,521	-15,521
18-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.66	ORD	-6,387	-6,387
18-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.67	ORD	82,584	82,584
18-Apr-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.67	ORD	4,048	4,048
18-Apr-24	BlackRock Asset Management Deutschland AG	on mkt sell	4.67	ORD	-16,450	-16,450
18-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD	-32	-32
18-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD	-1,371	-1,371
18-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD	-971	-971
18-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD	-971	-971
18-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.67	ORD	-6,651	-6,651
18-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65	ORD	1,792	1,792
18-Apr-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	295,220	295,220
18-Apr-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-519,756	-519,756
18-Apr-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	250,446	250,446
18-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	8,451	42,255
18-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	99	495
18-Apr-24	APERIO GROUP LLC	in specie	n/a	ORD	-92,684	-92,684
19-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.65	ORD	-1,792	-1,792
19-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.65	ORD	-295	-295
19-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.65	ORD	-289	-289
19-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.66	ORD	2,528	2,528
19-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD	-17,624	-17,624
19-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD	1,356	1,356
19-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD	-8,788	-8,788
19-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD	-6,628	-6,628
19-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD	-11,692	-11,692
19-Apr-24	BlackRock Asset Management North Asia Limited	on mkt sell	4.65	ORD	-18,984	-18,984

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
19-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.66	ORD -26,756	-26,756
19-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.66	ORD -17,846	-17,846
19-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65	ORD 1,344	1,344
19-Apr-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -295,220	-295,220
19-Apr-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -459,908	-459,908
19-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -15,619	-78,095
19-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -119	-595
19-Apr-24	APERIO GROUP LLC	in specie	n/a	ORD 7,709	7,709
22-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.71	ORD -4,562	-4,562
22-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.71	ORD -47,538	-47,538
22-Apr-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.71	ORD 58,057	58,057
22-Apr-24	BlackRock Fund Advisors	on mkt buy	4.71	ORD 36,208	36,208
22-Apr-24	BlackRock Fund Advisors	on mkt buy	4.71	ORD 26,537	26,537
22-Apr-24	BlackRock Fund Advisors	on mkt buy	4.71	ORD 54,619	54,619
22-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.72	ORD 1,038	1,038
22-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,325	6,625
22-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,971	-9,855
22-Apr-24	APERIO GROUP LLC	in specie	n/a	ORD 7,709	7,709
23-Apr-24	BlackRock Asset Management Deutschland AG	on mkt sell	4.74	ORD -24,678	-24,678
23-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.74	ORD 36	36
23-Apr-24	BlackRock Fund Advisors	on mkt buy	4.74	ORD 664	664
23-Apr-24	BlackRock Asset Management Deutschland AG	on mkt buy	4.74	ORD 5,756	5,756
23-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -10,931	-54,655
23-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,211	-6,055
23-Apr-24	APERIO GROUP LLC	in specie	n/a	ORD -2,407	-2,407
24-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD -17,040	-17,040
24-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD -11,739	-11,739
24-Apr-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.74	ORD -5,277	-5,277
24-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	ORD 1,308	1,308
24-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	ORD 232	232
24-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.74	ORD 209	209
24-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.73	ORD 4,884	4,884
24-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD -1,892	-1,892
24-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.74	ORD -27,150	-27,150
24-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.74	ORD 54,981	54,981
24-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.74	ORD -1,130	-1,130
24-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.73	ORD -6,613	-6,613
24-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -11,562	-57,810
24-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -940	-4,700
24-Apr-24	APERIO GROUP LLC	in specie	n/a	ORD -12,628	-12,628
24-Apr-24	BlackRock Japan Co., Ltd.	in specie	n/a	ORD -137,606	-137,606
25-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -8,854	-44,270
25-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,566	-7,830
26-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD -17,855	-17,855
26-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD -5,412	-5,412
26-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	ORD 1,113	1,113

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26-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	ORD 169	169
26-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.67	ORD 171	171
26-Apr-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.65	ORD -24,177	-24,177
26-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.65	ORD -251,755	-251,755
26-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD -4,441	-4,441
26-Apr-24	BlackRock Asset Management Deutschland AG	on mkt sell	4.65	ORD -8,250	-8,250
26-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD 1,356	1,356
26-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD 2,076	2,076
26-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD 2,034	2,034
26-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD -448	-448
26-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.65	ORD -1,868	-1,868
26-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD 5,445	5,445
26-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.65	ORD 9,308	9,308
26-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.65	ORD 39,062	39,062
26-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.67	ORD -23,673	-23,673
26-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -10,125	-50,625
26-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -242	-1,210
29-Apr-24	BlackRock Fund Advisors	in specie	n/a	ORD -12,786	-12,786
29-Apr-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	4.69	ORD -15,664	-15,664
29-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.69	ORD -31,073	-31,073
29-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.69	ORD -31,667	-31,667
29-Apr-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.69	ORD -22,038	-22,038
29-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.71	ORD -14,278	-14,278
29-Apr-24	BlackRock Advisors (UK) Limited	on mkt sell	4.71	ORD -42,834	-42,834
29-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.71	ORD 5,466	5,466
29-Apr-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 762,670	762,670
29-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -349	-1,745
29-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,289	-16,445
30-Apr-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.75	ORD -105,287	-105,287
30-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.78	ORD 2,347	2,347
30-Apr-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.76	ORD -98,516	-98,516
30-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.77	ORD 8,918	8,918
30-Apr-24	BlackRock Advisors (UK) Limited	on mkt buy	4.77	ORD 10,090	10,090
30-Apr-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.77	ORD -36,358	-36,358
30-Apr-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.77	ORD 2,630	2,630
30-Apr-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -762,670	-762,670
30-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -7,816	-39,080
30-Apr-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,754	-13,770
30-Apr-24	APERIO GROUP LLC	in specie	n/a	ORD -124,927	-124,927
01-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74	ORD -66,392	-66,392
01-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.74	ORD -6,536	-6,536
01-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73	ORD 3,743	3,743
01-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.73	ORD -3,841	-3,841

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01-May-24	BlackRock Investment Management, LLC	on mkt sell	4.73 ORD -4,460	-4,460
01-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -11,174	-55,870
01-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -746	-3,730
02-May-24	BlackRock Fund Advisors	in specie	n/a ORD -8,310	-8,310
02-May-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	4.71 ORD -12,870	-12,870
02-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.71 ORD -51,251	-51,251
02-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.71 ORD -36,985	-36,985
02-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.71 ORD -506	-506
02-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72 ORD -5,089	-5,089
02-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.69 ORD 1,344	1,344
02-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -2,155	-10,775
02-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 171	855
03-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.72 ORD -33,436	-33,436
03-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72 ORD -1,395	-1,395
03-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72 ORD -221	-221
03-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72 ORD -226	-226
03-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.70 ORD -20,420	-20,420
03-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.70 ORD -55,655	-55,655
03-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.70 ORD -1,504	-1,504
03-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.72 ORD 12	12
03-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.72 ORD -4	-4
03-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.72 ORD -24	-24
03-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.72 ORD 1,998	1,998
03-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.72 ORD -442	-442
03-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.72 ORD 275	275
03-May-24	BlackRock Fund Advisors	on mkt buy	4.72 ORD 58,490	58,490
03-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.72 ORD -5,921	-5,921
03-May-24	BlackRock Investment Management, LLC	on mkt sell	4.72 ORD -5,335	-5,335
03-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -6,235	-31,175
03-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -345	-1,725
06-May-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	4.49 ORD -9,348	-9,348
06-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.49 ORD -19,717	-19,717
06-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49 ORD -380	-380
06-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.49 ORD -30,101	-30,101
06-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.49 ORD -38,912	-38,912
06-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.50 ORD -4,660	-4,660
06-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.49 ORD -34,018	-34,018
06-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.49 ORD -5,038	-5,038
06-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.49 ORD 1,792	1,792
06-May-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 185,623	185,623
06-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 785	3,925

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06-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-506	-2,530
07-May-24	BlackRock Fund Advisors	in specie	n/a	ORD	-17,088	-17,088
07-May-24	BlackRock Fund Advisors	in specie	n/a	ORD	2,300	2,300
07-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.41	ORD	14,275	14,275
07-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.41	ORD	1,035	1,035
07-May-24	BlackRock Fund Advisors	on mkt buy	4.41	ORD	35,226	35,226
07-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.41	ORD	1,254	1,254
07-May-24	BlackRock Asset Management Canada Limited	on mkt sell	4.41	ORD	-1,111	-1,111
07-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.42	ORD	-8,736	-8,736
07-May-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-185,623	-185,623
07-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,897	-14,485
07-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	774	3,870
08-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.34	ORD	-1,255	-1,255
08-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.34	ORD	-182	-182
08-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.34	ORD	-182	-182
08-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.34	ORD	-66,759	-66,759
08-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.34	ORD	-99,912	-99,912
08-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.32	ORD	-787,677	-787,677
08-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.37	ORD	-9,058	-9,058
08-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.31	ORD	-4,496	-4,496
08-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.31	ORD	1,408	1,408
08-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.31	ORD	258	258
08-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.31	ORD	-57,684	-57,684
08-May-24	BlackRock Investment Management, LLC	on mkt sell	4.31	ORD	-10,168	-10,168
08-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-8,004	-40,020
08-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-4,667	-23,335
09-May-24	BlackRock Fund Advisors	in specie	n/a	ORD	-60,928	-60,928
09-May-24	BlackRock Fund Advisors	in specie	n/a	ORD	-28,305	-28,305
09-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.32	ORD	-178,065	-178,065
09-May-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	4.32	ORD	-25,584	-25,584
09-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.32	ORD	-72,084	-72,084
09-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.32	ORD	-53,704	-53,704
09-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.33	ORD	-13,606	-13,606
09-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.33	ORD	1,002	1,002
09-May-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.33	ORD	11,377	11,377
09-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.33	ORD	-81,821	-81,821
09-May-24	BlackRock Investment Management, LLC	on mkt buy	4.33	ORD	5,075	5,075
09-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.33	ORD	-13,119	-13,119
09-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.30	ORD	2,240	2,240
09-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-5,783	-28,915
09-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-319	-1,595
10-May-24	BlackRock Fund Advisors	in specie	n/a	ORD	21,300	21,300
10-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.38	ORD	1,189	1,189

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10-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.38	ORD 181	181
10-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.38	ORD 180	180
10-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.36	ORD -55,978	-55,978
10-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.36	ORD -98,700	-98,700
10-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.36	ORD -9,866	-9,866
10-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.38	ORD -13,289	-13,289
10-May-24	BlackRock Investment Management, LLC	on mkt sell	4.38	ORD -16,769	-16,769
10-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.38	ORD 13,452	13,452
10-May-24	BlackRock Fund Advisors	on mkt buy	4.38	ORD 653	653
10-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.38	ORD -73,662	-73,662
10-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -209	-1,045
13-May-24	BlackRock Fund Advisors	in specie	n/a	ORD 7,483	7,483
13-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.35	ORD -71,758	-71,758
13-May-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	4.35	ORD -23,330	-23,330
13-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.35	ORD -54,743	-54,743
13-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.35	ORD -61,412	-61,412
13-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.34	ORD -10,169	-10,169
13-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.34	ORD -12	-12
13-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 1,414	1,414
13-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 1,998	1,998
13-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.34	ORD -43,150	-43,150
13-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.34	ORD -29,104	-29,104
13-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.34	ORD -6,745	-6,745
13-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.34	ORD -6,082	-6,082
13-May-24	BlackRock Investment Management, LLC	on mkt sell	4.34	ORD -1,815	-1,815
13-May-24	BlackRock Fund Advisors	in specie	n/a	ORD -69,442	-69,442
13-May-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 178,904	178,904
13-May-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 600,618	600,618
13-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,304	-16,520
13-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 17	85
13-May-24	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	ORD -35,586	-35,586
14-May-24	BlackRock Fund Advisors	on mkt sell	4.34	ORD -15,873	-15,873
14-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.32	ORD -99,290	-99,290
14-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.30	ORD -11,095	-11,095
14-May-24	BlackRock Investment Management, LLC	on mkt sell	4.30	ORD -8,100	-8,100
14-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.29	ORD -4,257	-4,257
14-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.29	ORD -73,343	-73,343
14-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.29	ORD -2,423	-2,423
14-May-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -178,904	-178,904
14-May-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -600,618	-600,618
14-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 70	350
14-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,281	-6,405

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15-May-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,342	1,342
15-May-24	BlackRock Fund Advisors	on mkt buy	4.29	ORD 15,941	15,941
15-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.22	ORD -1,215	-1,215
15-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.22	ORD -182	-182
15-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.22	ORD -182	-182
15-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.22	ORD 6,032	6,032
15-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.19	ORD -13,517	-13,517
15-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 2,796	2,796
15-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 4,676	4,676
15-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 544	544
15-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 1,088	1,088
15-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.18	ORD -83,716	-83,716
15-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 1,794	1,794
15-May-24	BlackRock Investment Management, LLC	on mkt sell	4.18	ORD -12,941	-12,941
15-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,940	19,700
15-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 97	485
16-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.23	ORD -7,086	-7,086
16-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 4,594	4,594
16-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.23	ORD -6,672	-6,672
16-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 536	536
16-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23	ORD 67,681	67,681
16-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.23	ORD -102,517	-102,517
16-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 12,611	12,611
16-May-24	BlackRock Fund Advisors	on mkt buy	4.23	ORD 38,612	38,612
16-May-24	BlackRock Investment Management, LLC	on mkt sell	4.23	ORD -15,935	-15,935
16-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.23	ORD -1,099	-1,099
16-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.23	ORD -14,764	-14,764
16-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,043	10,215
16-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 101	505
17-May-24	BlackRock Fund Advisors	in specie	n/a	ORD -14,388	-14,388
17-May-24	BlackRock Fund Advisors	in specie	n/a	ORD -4,953	-4,953
17-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.21	ORD -960	-960
17-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.21	ORD -171	-171
17-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.21	ORD -170	-170
17-May-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.22	ORD 7,789	7,789
17-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD 1,402	1,402
17-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD 556	556
17-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.19	ORD -6,809	-6,809
17-May-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.19	ORD 140,319	140,319
17-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.19	ORD -36,189	-36,189
17-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.19	ORD -16,325	-16,325
17-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.19	ORD -73,678	-73,678
17-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.19	ORD -15,896	-15,896
17-May-24	BlackRock Fund Advisors	on mkt buy	4.19	ORD 676	676

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17-May-24	BlackRock Asset Management Deutschland AG	on mkt buy	4.19	ORD 8,938	8,938
17-May-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.19	ORD 10,343	10,343
17-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.19	ORD -9,094	-9,094
17-May-24	BlackRock Investment Management, LLC	on mkt sell	4.19	ORD -8,832	-8,832
17-May-24	BlackRock Investment Management, LLC	on mkt sell	4.19	ORD -701	-701
17-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.19	ORD 10,004	10,004
17-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,449	-7,245
17-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,772	-8,860
17-May-24	APERIO GROUP LLC	in specie	n/a	ORD 15,037	15,037
20-May-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.22	ORD 18,552	18,552
20-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.22	ORD 7,294	7,294
20-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.22	ORD 16,608	16,608
20-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.23	ORD -20,326	-20,326
20-May-24	BlackRock Asset Management Deutschland AG	on mkt sell	4.23	ORD -16,604	-16,604
20-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.23	ORD -8	-8
20-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.23	ORD 30,270	30,270
20-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.23	ORD -14,827	-14,827
20-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -7,334	-36,670
20-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -7	-35
21-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.20	ORD -20,061	-20,061
21-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 498	498
21-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.20	ORD -946	-946
21-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.20	ORD -16,154	-16,154
21-May-24	BlackRock Investment Management, LLC	on mkt sell	4.20	ORD -1,724	-1,724
21-May-24	BlackRock Fund Advisors	in specie	n/a	ORD 47,652	47,652
21-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -5,468	-27,340
21-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -32	-160
22-May-24	BlackRock Fund Advisors	in specie	n/a	ORD -9,136	-9,136
22-May-24	BlackRock Fund Advisors	in specie	n/a	ORD 2,416	2,416
22-May-24	BlackRock Fund Advisors	in specie	n/a	ORD -308	-308
22-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.20	ORD 1,406	1,406
22-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.20	ORD 230	230
22-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.20	ORD 225	225
22-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 2,121	2,121
22-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.20	ORD -8,374	-8,374
22-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.20	ORD -18,243	-18,243
22-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.23	ORD -506	-506
22-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23	ORD 22,281	22,281
22-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.23	ORD 10,094	10,094
22-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -6,646	-33,230
22-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -901	-4,505
22-May-24	APERIO GROUP LLC	in specie	n/a	ORD 112,211	112,211
23-May-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.24	ORD 4,480	4,480

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
23-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.24 ORD 10,586	10,586
23-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.24 ORD 152,342	152,342
23-May-24	BlackRock Fund Advisors	on mkt buy	4.24 ORD 687	687
23-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.24 ORD 556	556
23-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,268	11,340
23-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -120	-600
24-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.18 ORD -1,021	-1,021
24-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.18 ORD -183	-183
24-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.18 ORD -183	-183
24-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.19 ORD -212	-212
24-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.19 ORD 900	900
24-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.19 ORD -8,896	-8,896
24-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.19 ORD -5,485	-5,485
24-May-24	BlackRock Asset Management Deutschland AG	on mkt buy	4.19 ORD 6,313	6,313
24-May-24	BlackRock Fund Advisors	on mkt buy	4.19 ORD 38,978	38,978
24-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.13 ORD 9,137	9,137
24-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,045,039	5,225,193
24-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 74,870	374,350
24-May-24	APERIO GROUP LLC	in specie	n/a ORD 126,625	126,625
24-May-24	APERIO GROUP LLC	in specie	n/a ORD 1,592,124	1,592,124
27-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.17 ORD 7,215	7,215
28-May-24	BlackRock Fund Advisors	in specie	n/a ORD 596	596
28-May-24	BlackRock Japan Co., Ltd.	on mkt sell	4.13 ORD -247,875	-247,875
28-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.10 ORD -7,930	-7,930
28-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.10 ORD 2,464	2,464
28-May-24	BlackRock Fund Advisors	in specie	n/a ORD 2,384	2,384
28-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,034,766	-5,173,828
28-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -73,053	-365,265
28-May-24	APERIO GROUP LLC	in specie	n/a ORD -126,625	-126,625
28-May-24	APERIO GROUP LLC	in specie	n/a ORD -1,574,353	-1,574,353
29-May-24	BlackRock Fund Advisors	in specie	n/a ORD -25,277	-25,277
29-May-24	BlackRock Fund Advisors	in specie	n/a ORD -59,410	-59,410
29-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.06 ORD -13,210	-13,210
29-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.03 ORD -9,244	-9,244
29-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.03 ORD -14,374	-14,374
29-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 2,852	2,852
29-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 2,139	2,139
29-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 3,565	3,565
29-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 942	942
29-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.03 ORD -5,483	-5,483
29-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 518	518
29-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 268	268
29-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 3,213	3,213
29-May-24	BlackRock Asset Management Canada Limited	on mkt sell	4.03 ORD -1,198	-1,198
29-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 6,552	32,760
29-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -691	-3,455
29-May-24	APERIO GROUP LLC	in specie	n/a ORD -68,766	-68,766
30-May-24	BlackRock Fund Advisors	in specie	n/a ORD 11,916	11,916
30-May-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.04 ORD 6,417	6,417
30-May-24	BlackRock Asset Management Deutschland AG	on mkt buy	4.03 ORD 8,331	8,331

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
30-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	3,737 18,685
30-May-24	APERIO GROUP LLC	in specie	n/a ADR 5:1	614 3,070
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.10 ORD	-48,661 -48,661
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.10 ORD	-7,826 -7,826
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.10 ORD	-7,785 -7,785
31-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.18 ORD	-8 -8
31-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.18 ORD	-13,623 -13,623
31-May-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.18 ORD	29,370 29,370
31-May-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.18 ORD	4,478 4,478
31-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.18 ORD	85,843 85,843
31-May-24	BlackRock Asset Management Canada Limited	on mkt buy	4.18 ORD	3,152 3,152
31-May-24	BlackRock Advisors (UK) Limited	on mkt buy	4.18 ORD	29,481 29,481
31-May-24	BlackRock Investment Management, LLC	on mkt buy	4.18 ORD	5,495 5,495
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.18 ORD	9,848 9,848
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.18 ORD	131,715 131,715
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.18 ORD	8,819 8,819
31-May-24	BlackRock Investment Management, LLC	on mkt buy	4.18 ORD	32,205 32,205
31-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.18 ORD	217,631 217,631
31-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.18 ORD	78,146 78,146
31-May-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.18 ORD	338,719 338,719
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.18 ORD	-64,853 -64,853
31-May-24	BlackRock Fund Advisors	on mkt sell	4.18 ORD	-9,063 -9,063
31-May-24	BlackRock Asset Management Canada Limited	on mkt sell	4.18 ORD	-26,155 -26,155
31-May-24	BlackRock Asset Management Canada Limited	on mkt sell	4.18 ORD	-167,222 -167,222
31-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.18 ORD	-58,580 -58,580
31-May-24	BlackRock Advisors (UK) Limited	on mkt sell	4.18 ORD	-4,037 -4,037
31-May-24	BlackRock Fund Advisors	on mkt sell	4.18 ORD	-5,785 -5,785
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.18 ORD	-1,321 -1,321
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.18 ORD	-10,288 -10,288
31-May-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.18 ORD	-8,558 -8,558
31-May-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.18 ORD	-3,414 -3,414
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.18 ORD	21,057 21,057
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.18 ORD	42,210 42,210
31-May-24	BlackRock Fund Advisors	on mkt buy	4.18 ORD	38,944 38,944
31-May-24	BlackRock Fund Advisors	on mkt buy	4.18 ORD	1,243,707 1,243,707
31-May-24	BlackRock Fund Advisors	on mkt sell	4.18 ORD	-664,093 -664,093
31-May-24	BlackRock Fund Advisors	on mkt buy	4.18 ORD	302,028 302,028
31-May-24	BlackRock Fund Advisors	on mkt buy	4.18 ORD	49,087 49,087
31-May-24	BlackRock Fund Advisors	on mkt buy	4.18 ORD	30,731 30,731
31-May-24	BlackRock Fund Advisors	on mkt sell	4.18 ORD	-423,862 -423,862
31-May-24	BlackRock Fund Advisors	on mkt buy	4.18 ORD	631 631

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.18	ORD 13,420	13,420
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.18	ORD -96,767	-96,767
31-May-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.18	ORD 372,080	372,080
31-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 9,707	48,535
31-May-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -344	-1,720
03-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD -14,668	-14,668
03-Jun-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.11	ORD -11,258	-11,258
03-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,801	-9,005
03-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -45	-225
04-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD -21,666	-21,666
04-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.14	ORD -40,535	-40,535
04-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.14	ORD -8,025	-8,025
04-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD -9,230	-9,230
04-Jun-24	BlackRock Japan Co., Ltd.	on mkt sell	4.07	ORD -226,834	-226,834
04-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.05	ORD -4,731	-4,731
04-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.05	ORD -9,462	-9,462
04-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.05	ORD -14,307	-14,307
04-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 8	8
04-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 4,879	4,879
04-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 2,091	2,091
04-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 1,402	1,402
04-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 2,648	2,648
04-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 1,002	1,002
04-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 572	572
04-Jun-24	BlackRock Fund Advisors	on mkt buy	4.05	ORD 3,061	3,061
04-Jun-24	BlackRock Fund Advisors	on mkt sell	4.05	ORD -30,267	-30,267
04-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.05	ORD -4,482	-4,482
04-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.07	ORD 1,792	1,792
04-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,228	11,140
04-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -173	-865
05-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD -10,926	-10,926
05-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.10	ORD -1,401	-1,401
05-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.10	ORD -199	-199
05-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.10	ORD -190	-190
05-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.10	ORD -9,496	-9,496
05-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD 502	502
05-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD 1,002	1,002
05-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.10	ORD -5,413	-5,413
05-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.10	ORD 831	831
05-Jun-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.10	ORD -141,087	-141,087
05-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.10	ORD 15,904	15,904
05-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.10	ORD -5,248	-5,248
05-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,918	-14,590
05-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 768	3,840
05-Jun-24	APERIO GROUP LLC	in specie	n/a	ORD -239,657	-239,657
06-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD -3,844	-3,844
06-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD -27,305	-27,305
06-Jun-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.07	ORD 4,337	4,337
06-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 4,756	4,756
06-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 2,640	2,640

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
06-Jun-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1	1
06-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	13,064	65,320
06-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-78	-390
07-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD	-131,424	-131,424
07-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD	-43,808	-43,808
07-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD	-5,476	-5,476
07-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.07	ORD	320	320
07-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.07	ORD	42	42
07-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.07	ORD	36	36
07-Jun-24	BlackRock Asset Management Deutschland AG	on mkt buy	4.07	ORD	8,329	8,329
07-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD	4,254	4,254
07-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD	993	993
07-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.07	ORD	-2,217	-2,217
07-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.07	ORD	-6,651	-6,651
07-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.07	ORD	271	271
07-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.07	ORD	-1,882	-1,882
07-Jun-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1	-1
07-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	361	1,805
07-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	158	790
10-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD	-16,328	-16,328
10-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD	-97,722	-97,722
10-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD	-10,858	-10,858
10-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD	558	558
10-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,222	6,110
10-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,130	5,650
11-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD	-49,830	-49,830
11-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD	-29,898	-29,898
11-Jun-24	BlackRock Fund Advisors	on mkt sell	4.06	ORD	-146,190	-146,190
11-Jun-24	BlackRock Fund Advisors	on mkt sell	4.06	ORD	-39,535	-39,535
11-Jun-24	BlackRock Fund Advisors	on mkt sell	4.06	ORD	-4,681	-4,681
11-Jun-24	BlackRock Fund Advisors	on mkt sell	4.06	ORD	-56,661	-56,661
11-Jun-24	BlackRock Fund Advisors	on mkt sell	4.06	ORD	-308,702	-308,702
11-Jun-24	BlackRock Fund Advisors	on mkt sell	4.06	ORD	-12,157	-12,157
11-Jun-24	BlackRock Fund Advisors	on mkt sell	4.06	ORD	-231,270	-231,270
11-Jun-24	BlackRock Fund Advisors	on mkt sell	4.06	ORD	-86,998	-86,998
11-Jun-24	BlackRock Fund Advisors	on mkt sell	4.06	ORD	-86	-86
11-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.06	ORD	-14,268	-14,268
11-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD	100	100
11-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.06	ORD	-32	-32
11-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD	1,320	1,320
11-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD	269	269
11-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD	538	538
11-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.03	ORD	2,240	2,240
11-Jun-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	173,768	173,768
11-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-46	-230
11-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	734	3,670
11-Jun-24	BLACKROCK ADVISORS LLC	in specie	n/a	ORD	-29,439	-29,439
11-Jun-24	BLACKROCK ADVISORS LLC	in specie	n/a	ORD	-6,695	-6,695
11-Jun-24	BLACKROCK ADVISORS LLC	in specie	n/a	ORD	-13,727	-13,727
11-Jun-24	BLACKROCK ADVISORS LLC	in specie	n/a	ORD	-8,384	-8,384
12-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD	-26,226	-26,226
12-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.03	ORD	1,622	1,622
12-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.03	ORD	264	264
12-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.03	ORD	258	258
12-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03	ORD	14,130	14,130

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
12-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 1,324	1,324
12-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.03 ORD -27,165	-27,165
12-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.03 ORD -42,105	-42,105
12-Jun-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -40,020	-40,020
12-Jun-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 28,432	142,160
12-Jun-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,394	11,970
13-Jun-24	BlackRock Fund Advisors	in specie	n/a ORD -2,368	-2,368
13-Jun-24	BlackRock Fund Advisors	in specie	n/a ORD -3,568	-3,568
13-Jun-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.04 ORD 2,105	2,105
13-Jun-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.05 ORD 20,463	20,463
13-Jun-24	BlackRock Investment Management, LLC	on mkt buy	4.07 ORD 5,534	5,534
13-Jun-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -133,748	-133,748
13-Jun-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 17,364	86,820
13-Jun-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 213	1,065
13-Jun-24	APERIO GROUP LLC	in specie	n/a ORD -219,245	-219,245
14-Jun-24	BlackRock Fund Advisors	in specie	n/a ORD -3,568	-3,568
14-Jun-24	BlackRock Fund Advisors	in specie	n/a ORD -40,864	-40,864
14-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.05 ORD -25,106	-25,106
14-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.05 ORD -4,805	-4,805
14-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.05 ORD -5,478	-5,478
14-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.05 ORD 448	448
14-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.04 ORD 3,595	3,595
14-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.04 ORD 1,438	1,438
14-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.04 ORD 1,404	1,404
14-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.04 ORD -920	-920
14-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.04 ORD 1,007	1,007
14-Jun-24	BlackRock Asset Management Canada Limited	on mkt sell	4.04 ORD -20,238	-20,238
14-Jun-24	BlackRock Asset Management Deutschland AG	on mkt sell	4.04 ORD -27,041	-27,041
14-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.05 ORD 1,792	1,792
14-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.05 ORD 6,307	6,307
14-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.05 ORD -5,130	-5,130
14-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.05 ORD -10,546	-10,546
14-Jun-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 14,579	72,895
14-Jun-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,166	5,830
17-Jun-24	BlackRock Fund Advisors	in specie	n/a ORD -21,018	-21,018
17-Jun-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.02 ORD 46,508	46,508
17-Jun-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.03 ORD 5,917	5,917
17-Jun-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.03 ORD 8,683	8,683
17-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.03 ORD 6,404	6,404
17-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 4,737	4,737
17-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 1,076	1,076
17-Jun-24	BlackRock Fund Advisors	on mkt buy	4.03 ORD 650	650
17-Jun-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.03 ORD -7,694	-7,694
17-Jun-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 23,955	119,775
17-Jun-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 6,921	34,605
18-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 101,107	101,107
18-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 1,380	1,380

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
18-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 2,760	2,760
18-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 1,692	1,692
18-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 10,214	10,214
18-Jun-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.03 ORD -6,810	-6,810
18-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.03 ORD -415	-415
18-Jun-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 28,048	140,240
18-Jun-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 5,740	28,700
19-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00 ORD -87,252	-87,252
19-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00 ORD -13,946	-13,946
19-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.00 ORD -15,226	-15,226
19-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	3.99 ORD 4,737	4,737
19-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	3.99 ORD -205	-205
19-Jun-24	BlackRock Fund Advisors	on mkt buy	3.99 ORD 5,969	5,969
19-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	3.99 ORD -87,823	-87,823
19-Jun-24	BlackRock Asset Management Deutschland AG	on mkt buy	3.99 ORD 49,750	49,750
19-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	3.99 ORD 38,073	38,073
19-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.03 ORD 2,240	2,240
19-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.03 ORD 21,704	21,704
19-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.03 ORD -9,031	-9,031
20-Jun-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.06 ORD 5,545	5,545
20-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.06 ORD 9,061	9,061
20-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.06 ORD 33,500	33,500
20-Jun-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.06 ORD 3,105	3,105
20-Jun-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.07 ORD 13,838	13,838
20-Jun-24	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD -8,609	-8,609
20-Jun-24	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD -4,028	-4,028
20-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.07 ORD 9,476	9,476
20-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.07 ORD 18,952	18,952
20-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.07 ORD 14,214	14,214
20-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.07 ORD 959	959
20-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.07 ORD -5,813	-5,813
20-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.07 ORD -11,626	-11,626
20-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.07 ORD 2,529	2,529
20-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.07 ORD -834	-834
20-Jun-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.07 ORD -20,165	-20,165
20-Jun-24	BlackRock Fund Advisors	in specie	n/a ORD 11,638	11,638
20-Jun-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 12,229	61,145
20-Jun-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 3,753	18,765
20-Jun-24	APERIO GROUP LLC	in specie	n/a ORD -56,264	-56,264
21-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.05 ORD -53,418	-53,418
21-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.05 ORD -10,164	-10,164
21-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.05 ORD -10,513	-10,513
21-Jun-24	BlackRock Asset Management Deutschland AG	on mkt sell	4.06 ORD -8,425	-8,425
21-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.06 ORD 4,194	4,194

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
21-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 2,796	2,796
21-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.06	ORD -2,217	-2,217
21-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 1,704	1,704
21-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 3,099	3,099
21-Jun-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.06	ORD -156,525	-156,525
21-Jun-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.06	ORD 17,687	17,687
21-Jun-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.06	ORD 171,317	171,317
21-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.06	ORD 16,880	16,880
21-Jun-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.06	ORD 60,517	60,517
21-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.08	ORD -672	-672
21-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.08	ORD 4,319	4,319
21-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.08	ORD 2,565	2,565
21-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.08	ORD -2,211	-2,211
21-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 17,509	87,545
21-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,930	14,650
24-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD -6,998	-6,998
24-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD 2,724	2,724
24-Jun-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.00	ORD 2,530	2,530
24-Jun-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.00	ORD 4,063	4,063
24-Jun-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.99	ORD 15,266	15,266
24-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 4,742	4,742
24-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 9,484	9,484
24-Jun-24	BlackRock Asset Management Deutschland AG	on mkt sell	3.98	ORD -42,110	-42,110
24-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 42,945	42,945
24-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	3.98	ORD 28,630	28,630
24-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	3.98	ORD -4	-4
24-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	3.98	ORD -417	-417
24-Jun-24	BlackRock Fund Advisors	on mkt sell	3.98	ORD -9,029	-9,029
24-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.98	ORD 2,615	2,615
24-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.99	ORD -3,360	-3,360
24-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 14,177	70,885
24-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,135	5,675
25-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,328	1,328
25-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD 908	908
25-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.04	ORD -104,585	-104,585
25-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.04	ORD -181,707	-181,707
25-Jun-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.04	ORD -7,911	-7,911
25-Jun-24	BlackRock Asset Management Deutschland AG	on mkt buy	4.05	ORD 8,419	8,419
25-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 42,963	42,963
25-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 14,321	14,321
25-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.05	ORD -14,321	-14,321
25-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 92	92
25-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 1,056	1,056
25-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 2,112	2,112
25-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 1,415	1,415
25-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.05	ORD 3,095	3,095

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
25-Jun-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.05	ORD 4,661	4,661
25-Jun-24	BlackRock Fund Advisors	on mkt buy	4.05	ORD 879	879
25-Jun-24	BlackRock Fund Advisors	on mkt buy	4.05	ORD 1,734	1,734
25-Jun-24	BlackRock Fund Advisors	on mkt buy	4.05	ORD 40,283	40,283
25-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.03	ORD 8,974	8,974
25-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -15,685	-78,425
25-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,048	10,240
26-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD -24,565	-24,565
26-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.10	ORD -185,472	-185,472
26-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.10	ORD -31,980	-31,980
26-Jun-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.10	ORD -29,281	-29,281
26-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.11	ORD -24	-24
26-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.11	ORD 1,410	1,410
26-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.11	ORD 2,076	2,076
26-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.11	ORD -460	-460
26-Jun-24	BlackRock Advisors (UK) Limited	on mkt buy	4.11	ORD 11,620	11,620
26-Jun-24	BlackRock Advisors (UK) Limited	on mkt sell	4.11	ORD -417	-417
26-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.12	ORD 15,158	15,158
26-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 41,730	208,650
26-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 8,064	40,320
27-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD -10,704	-10,704
27-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD -18,832	-18,832
27-Jun-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.15	ORD 2,996	2,996
27-Jun-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.15	ORD -10,728	-10,728
27-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.15	ORD 5,039	5,039
27-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.15	ORD 40,365	40,365
27-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.16	ORD -64,196	-64,196
27-Jun-24	BlackRock Fund Advisors	on mkt buy	4.16	ORD 40,409	40,409
27-Jun-24	BlackRock Asset Management Deutschland AG	on mkt buy	4.16	ORD 10,278	10,278
27-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.15	ORD 448	448
27-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 37,129	185,645
27-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,823	9,115
28-Jun-24	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 30,844	30,844
28-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD 11,557	11,557
28-Jun-24	BlackRock Fund Advisors	in specie	n/a	ORD -3,568	-3,568
28-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.19	ORD 1,438	1,438
28-Jun-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.19	ORD 4,446	4,446
28-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 39,267	196,335
28-Jun-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,854	9,270
01-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.19	ORD -11,247	-11,247
01-Jul-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.14	ORD 7,522	7,522
01-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.14	ORD -11,474	-11,474
01-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.14	ORD 15,656	15,656
01-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.14	ORD 2,657	2,657

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01-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 4,609	4,609
01-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 12	12
01-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 3,515	3,515
01-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 2,812	2,812
01-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 686	686
01-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.09	ORD -2,217	-2,217
01-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD 556	556
01-Jul-24	BlackRock Asset Management Canada Limited	on mkt buy	4.09	ORD 7,661	7,661
01-Jul-24	BLACKROCK ADVISORS LLC	on mkt buy	4.09	ORD 39,447	39,447
01-Jul-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.09	ORD 37,977	37,977
01-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 26,611	133,055
01-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,671	13,355
02-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD -10,128	-10,128
02-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD -10,128	-10,128
02-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.11	ORD 1,120	1,120
02-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08	ORD 27,654	27,654
02-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08	ORD 4,893	4,893
02-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08	ORD 1,650	1,650
02-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08	ORD 1,980	1,980
02-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.08	ORD -3,213	-3,213
02-Jul-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.08	ORD 12,139	12,139
02-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08	ORD 16,676	16,676
02-Jul-24	BlackRock Investment Management, LLC	on mkt buy	4.08	ORD 5,544	5,544
02-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.11	ORD 14,090	14,090
02-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 5,566	27,830
02-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,672	13,360
03-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD 4,953	4,953
03-Jul-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.12	ORD -27,591	-27,591
03-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.13	ORD 14,416	14,416
03-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.13	ORD -3,630	-3,630
03-Jul-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.13	ORD 14,548	14,548
03-Jul-24	BlackRock Fund Advisors	on mkt buy	4.13	ORD 991	991
03-Jul-24	BlackRock Asset Management Deutschland AG	on mkt buy	4.13	ORD 5,956	5,956
03-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.12	ORD 506	506
03-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.12	ORD 14,355	14,355
03-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,372,151	6,860,753
03-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 118,766	593,830
03-Jul-24	APERIO GROUP LLC	in specie	n/a	ORD 126,625	126,625
03-Jul-24	APERIO GROUP LLC	in specie	n/a	ORD 990,421	990,421
04-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.11	ORD -1,877	-1,877
04-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.11	ORD -10,830	-10,830
04-Jul-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.11	ORD 8,385	8,385
04-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.11	ORD 17,622	17,622
04-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.11	ORD 47,604	47,604
04-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.12	ORD 14,417	14,417
04-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 231,004	231,004
04-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 260,881	260,881
05-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD -13,992	-13,992
05-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD 4,500	4,500

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05-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 4	4
05-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 4	4
05-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 379	379
05-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 1,426	1,426
05-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 2,139	2,139
05-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 8,556	8,556
05-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 662	662
05-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.08 ORD -914	-914
05-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 1,007	1,007
05-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 1,007	1,007
05-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 6,491	6,491
05-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.08 ORD -11,608	-11,608
05-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 255	255
05-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.05 ORD 1,792	1,792
05-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.05 ORD -7,691	-7,691
05-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -231,004	-231,004
05-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 57,401	57,401
05-Jul-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -1,342,802	-6,714,008
05-Jul-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 -118,229	-591,145
05-Jul-24	APERIO GROUP LLC	in specie	n/a ORD -126,625	-126,625
05-Jul-24	APERIO GROUP LLC	in specie	n/a ORD -990,421	-990,421
08-Jul-24	BlackRock Fund Advisors	in specie	n/a ORD 13,113	13,113
08-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.04 ORD 16,560	16,560
08-Jul-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.04 ORD 5,986	5,986
08-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.05 ORD 1,210	1,210
08-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.03 ORD -4,602	-4,602
08-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 504	504
08-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.03 ORD 956	956
08-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.03 ORD -2,216	-2,216
08-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.03 ORD -2,585	-2,585
08-Jul-24	BlackRock Fund Advisors	on mkt buy	4.03 ORD 39,738	39,738
08-Jul-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.03 ORD -11,402	-11,402
08-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.06 ORD -12,239	-12,239
08-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 149,164	149,164
08-Jul-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 21,257	106,285
08-Jul-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,203	6,015
08-Jul-24	APERIO GROUP LLC	in specie	n/a ORD 12,985	12,985
09-Jul-24	BlackRock Fund Advisors	in specie	n/a ORD -308	-308
09-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.08 ORD -457	-457
09-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 554	554
09-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.08 ORD 3,109	3,109
09-Jul-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.08 ORD 28,455	28,455
09-Jul-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.08 ORD 4,776	4,776
09-Jul-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.08 ORD -919	-919
09-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.05 ORD 5,231	5,231
09-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 168,216	168,216
09-Jul-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 12,251	61,255
09-Jul-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 2,045	10,225
09-Jul-24	APERIO GROUP LLC	in specie	n/a ORD 12,985	12,985
10-Jul-24	BlackRock Fund Advisors	in specie	n/a ORD 13,113	13,113
10-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.09 ORD 381	381
10-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.09 ORD 2,139	2,139

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
10-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.09	ORD	1,980	1,980
10-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.09	ORD	-912	-912
10-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.09	ORD	-2,661	-2,661
10-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.10	ORD	4,345	4,345
10-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	242,160	242,160
10-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	21,900	109,500
10-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,583	12,915
11-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	-3,508	-3,508
11-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	-10,162	-10,162
11-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.18	ORD	-5,321	-5,321
11-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.16	ORD	-26,411	-26,411
11-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD	384	384
11-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD	768	768
11-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD	1,424	1,424
11-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD	505	505
11-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD	3,123	3,123
11-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.20	ORD	-9,314	-9,314
11-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD	21,310	21,310
11-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	183,704	183,704
11-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	99,888	99,888
11-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,946	14,730
11-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,493	7,465
11-Jul-24	APERIO GROUP LLC	in specie	n/a	ORD	63,431	63,431
12-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.15	ORD	-9,186	-9,186
12-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.15	ORD	390	390
12-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.15	ORD	8,195	8,195
12-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.15	ORD	-912	-912
12-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.15	ORD	20,118	20,118
12-Jul-24	BlackRock Fund Advisors	on mkt buy	4.15	ORD	3,204	3,204
12-Jul-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.15	ORD	10,544	10,544
12-Jul-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.15	ORD	3,276	3,276
12-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.17	ORD	1,792	1,792
12-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-594,080	-594,080
12-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-567,334	-567,334
12-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	10,502	52,510
12-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	8,618	43,090
15-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.17	ORD	-8,285	-8,285
15-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.20	ORD	-27,435	-27,435
15-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.20	ORD	-21,526	-21,526
15-Jul-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.20	ORD	14,888	14,888
15-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	6,756	33,780
15-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,096	5,480
16-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	-21,348	-21,348
16-Jul-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.15	ORD	190,930	190,930
16-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.14	ORD	-9,202	-9,202
16-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.14	ORD	-392	-392
16-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.14	ORD	1,408	1,408
16-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.14	ORD	-1,362	-1,362
16-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.14	ORD	-5,812	-5,812
16-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.14	ORD	-417	-417
16-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.14	ORD	-3,490	-3,490
16-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	9,855	49,275
16-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	781	3,905

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
17-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD -9,906 -9,906
17-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.20	ORD -4 -4
17-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 7,490 7,490
17-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 2,112 2,112
17-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 834 834
17-Jul-24	BlackRock Fund Advisors	on mkt buy	4.20	ORD 666 666
17-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.18	ORD -8,991 -8,991
17-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,975 19,875
17-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 772 3,860
18-Jul-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.18	ORD -4,770 -4,770
18-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.18	ORD -8,745 -8,745
18-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.18	ORD -22,252 -22,252
18-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.18	ORD -7,604 -7,604
18-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 390 390
18-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 2,832 2,832
18-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.20	ORD 13,532 13,532
18-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD -34,496 -34,496
18-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,650 13,250
18-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -28 -140
18-Jul-24	APERIO GROUP LLC	in specie	n/a	ORD -27,378 -27,378
19-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD -49,112 -49,112
19-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD 48,195 48,195
19-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD 6,795 6,795
19-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 1,424 1,424
19-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.18	ORD -453 -453
19-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD 5,811 5,811
19-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.19	ORD -14,571 -14,571
19-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.19	ORD -24,730 -24,730
19-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.19	ORD 4,427 4,427
19-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 546 2,730
19-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 80 400
22-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD 577 577
22-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD -21,348 -21,348
22-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD -4,530 -4,530
22-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.17	ORD 523 523
22-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.16	ORD -33,891 -33,891
22-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.16	ORD -7,651 -7,651
22-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.17	ORD -15,839 -15,839
22-Jul-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.17	ORD -27,534 -27,534
22-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -18,332 -18,332
22-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.17	ORD 3,570 3,570
22-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -912 -912
22-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD -912 -912
22-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.17	ORD 6,648 6,648
22-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.17	ORD 23,248 23,248
22-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.16	ORD 1,344 1,344
22-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 863 4,315
22-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 892 4,460
23-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.18	ORD 18,520 18,520

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23-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.19	ORD	1,068	1,068
23-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.19	ORD	-1,856	-1,856
23-Jul-24	BlackRock Investment Management, LLC	on mkt buy	4.19	ORD	5,842	5,842
23-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	314,887	314,887
23-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	7,459	37,295
23-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,630	-8,150
24-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	-3,668	-3,668
24-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.20	ORD	749,476	749,476
24-Jul-24	BlackRock Asset Management Canada Limited	on mkt buy	4.20	ORD	7,925	7,925
24-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	138,886	138,886
24-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-154,100	-154,100
24-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	22,585	112,925
24-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-85	-425
25-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.17	ORD	-19,658	-19,658
25-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.17	ORD	-22,544	-22,544
25-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.17	ORD	13,746	13,746
25-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.17	ORD	392	392
25-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.17	ORD	1,320	1,320
25-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.17	ORD	-8,650	-8,650
25-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.17	ORD	-4,513	-4,513
25-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-138,886	-138,886
25-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-160,787	-160,787
25-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	18,544	92,720
25-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,402	7,010
26-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	39,732	39,732
26-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	-4,506	-4,506
26-Jul-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.18	ORD	5,191	5,191
26-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD	2,148	2,148
26-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD	3,580	3,580
26-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.18	ORD	-4,580	-4,580
26-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.18	ORD	556	556
26-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.17	ORD	1,344	1,344
26-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.17	ORD	-6,492	-6,492
26-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.17	ORD	9,124	9,124
26-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	39,732	39,732
26-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	1,848	1,848
26-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	-24,640	-24,640
26-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-3,800	-19,000
26-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-39	-195
29-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	-13,113	-13,113
29-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	-9,737	-9,737
29-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.28	ORD	2,691	2,691
29-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.25	ORD	448	448
29-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.26	ORD	1,986	1,986
29-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.26	ORD	-2,016	-2,016
29-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.26	ORD	2,216	2,216
29-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.26	ORD	556	556
29-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.26	ORD	-556	-556
29-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.26	ORD	-3,491	-3,491
29-Jul-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.25	ORD	-8,051	-8,051

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29-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.25	ORD	29,591	29,591
29-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	365,998	365,998
29-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-30,280	-151,400
29-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-406	-2,030
30-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	-1,498	-1,498
30-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.24	ORD	448	448
30-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.26	ORD	-14,356	-14,356
30-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.26	ORD	40,712	40,712
30-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.24	ORD	1,568	1,568
30-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.24	ORD	2,688	2,688
30-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.24	ORD	2,240	2,240
30-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.24	ORD	45,865	45,865
30-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-365,998	-365,998
30-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-4,681	-23,405
30-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-768	-3,840
30-Jul-24	APERIO GROUP LLC	in specie	n/a	ORD	-12,985	-12,985
31-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	576	576
31-Jul-24	BlackRock Fund Advisors	in specie	n/a	ORD	-26,226	-26,226
31-Jul-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.32	ORD	8,184	8,184
31-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.32	ORD	490,659	490,659
31-Jul-24	BlackRock Advisors (UK) Limited	on mkt sell	4.32	ORD	-4,573	-4,573
31-Jul-24	BlackRock Advisors (UK) Limited	on mkt buy	4.32	ORD	2,151	2,151
31-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.32	ORD	1,234	1,234
31-Jul-24	BlackRock Asset Management Canada Limited	on mkt sell	4.32	ORD	-1,237	-1,237
31-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.32	ORD	224	224
31-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.32	ORD	13,975	13,975
31-Jul-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.32	ORD	19,752	19,752
31-Jul-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	682,562	682,562
31-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	32,582	162,910
31-Jul-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,529	7,645
31-Jul-24	APERIO GROUP LLC	in specie	n/a	ORD	127,605	127,605
01-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD	-10,306	-10,306
01-Aug-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.34	ORD	-3,268	-3,268
01-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.39	ORD	15,163	15,163
01-Aug-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.40	ORD	19,345	19,345
01-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.40	ORD	2,243	2,243
01-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40	ORD	62,849	62,849
01-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40	ORD	80,803	80,803
01-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.41	ORD	-13,746	-13,746
01-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.41	ORD	5,823	5,823
01-Aug-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-682,562	-682,562
01-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,361	11,805
01-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	701	3,505
01-Aug-24	APERIO GROUP LLC	in specie	n/a	ORD	89,353	89,353
02-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD	-13,113	-13,113

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02-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40	ORD 350,663	350,663
02-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40	ORD 24,034	24,034
02-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40	ORD 121,263	121,263
02-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 1,436	1,436
02-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 338	338
02-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 1,352	1,352
02-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 3,042	3,042
02-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41	ORD 38,556	38,556
02-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 21,545	107,725
02-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,850	9,250
05-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD 26,710	26,710
05-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD -9,288	-9,288
05-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40	ORD 355,784	355,784
05-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.40	ORD -9,632	-9,632
05-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41	ORD 47,378	47,378
05-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -9,144	-9,144
05-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -9,144	-9,144
05-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.42	ORD -9,144	-9,144
05-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 14,351	14,351
05-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 1,986	1,986
05-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 662	662
05-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 1,655	1,655
05-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 2,212	2,212
05-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 5,790	5,790
05-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.42	ORD 34,740	34,740
05-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.40	ORD 672	672
05-Aug-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.40	ORD 11,419	11,419
05-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.40	ORD -1,770	-1,770
05-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,278	21,391
05-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,637	-13,185
06-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD -13,113	-13,113
06-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34	ORD 81,284	81,284
06-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 12	12
06-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 68	68
06-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 330	330
06-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 2,212	2,212
06-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 11,590	11,590
06-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 831	831
06-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 6,298	6,298
06-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.34	ORD 4,499	4,499
06-Aug-24	BlackRock Fund Advisors	on mkt buy	4.34	ORD 38,066	38,066
06-Aug-24	BlackRock Fund Advisors	on mkt sell	4.34	ORD -2,560	-2,560
06-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.33	ORD -1,194	-1,194
06-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 11,259	56,295
06-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -968	-4,840
07-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -88	-88
07-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -2,358	-2,358
07-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 3,510	3,510
07-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 993	993
07-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.40	ORD 1,986	1,986
07-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.40	ORD -4,424	-4,424

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
07-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 554	554
07-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 831	831
07-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.40 ORD 2,728	2,728
07-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.39 ORD 7,548	7,548
07-Aug-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 32,672	163,360
07-Aug-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 1,392	6,960
08-Aug-24	BlackRock Fund Advisors	in specie	n/a ORD -10,704	-10,704
08-Aug-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.34 ORD 6,491	6,491
08-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34 ORD 24,648	24,648
08-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34 ORD 81,191	81,191
08-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.31 ORD 1,430	1,430
08-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.31 ORD 3,575	3,575
08-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.31 ORD 2,310	2,310
08-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.31 ORD 1,980	1,980
08-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.31 ORD 501	501
08-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.31 ORD 912	912
08-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.31 ORD 912	912
08-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.31 ORD 8,684	8,684
08-Aug-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 4,046	20,230
08-Aug-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 530	2,650
09-Aug-24	BlackRock Fund Advisors	in specie	n/a ORD -11,519	-11,519
09-Aug-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.35 ORD 1,393	1,393
09-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34 ORD 10,273	10,273
09-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.34 ORD 27,092	27,092
09-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.32 ORD -4,580	-4,580
09-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.32 ORD -9,160	-9,160
09-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.32 ORD -4	-4
09-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 2,145	2,145
09-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 660	660
09-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 990	990
09-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 1,980	1,980
09-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 916	916
09-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 5,797	5,797
09-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 5,797	5,797
09-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.35 ORD 2,912	2,912
09-Aug-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 152,255	152,255
09-Aug-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 3,487	17,435
09-Aug-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 777	3,885
12-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.33 ORD 17,274	17,274
12-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 1,000	1,000
12-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 4,000	4,000
12-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 11,598	11,598
12-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.32 ORD 3,178	3,178
12-Aug-24	BlackRock Fund Advisors	on mkt sell	4.32 ORD -595	-595
12-Aug-24	BlackRock Investment Management, LLC	on mkt buy	4.32 ORD 5,550	5,550
12-Aug-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.32 ORD 4,936	4,936
12-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.32 ORD -1,877	-1,877
12-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.32 ORD 11,337	11,337
12-Aug-24	BlackRock Fund Advisors	in specie	n/a ORD -42,530	-42,530
12-Aug-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD 553,624	553,624
12-Aug-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a ORD -152,255	-152,255
12-Aug-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 6,657	33,285

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12-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	700	3,500
13-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD	9,468	9,468
13-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.37	ORD	39,251	39,251
13-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD	2,640	2,640
13-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD	1,980	1,980
13-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD	3,175	3,175
13-Aug-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-553,624	-553,624
13-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	6,509	32,545
13-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,209	6,045
14-Aug-24	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	9,235	9,235
14-Aug-24	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-9,235	-9,235
14-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD	9,414	9,414
14-Aug-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.37	ORD	-43,420	-43,420
14-Aug-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.37	ORD	7,037	7,037
14-Aug-24	BlackRock Institutional Trust Company, National Association	on mkt sell	4.40	ORD	-1,622	-1,622
14-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.35	ORD	11,906	11,906
14-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	23,716	118,580
14-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	462	2,310
15-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD	577	577
15-Aug-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.40	ORD	-53,793	-53,793
15-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.44	ORD	10,365	10,365
15-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	ORD	442,844	442,844
15-Aug-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.45	ORD	48	48
15-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD	4,624	4,624
15-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD	5,800	5,800
15-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD	5,800	5,800
15-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.45	ORD	17,400	17,400
15-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	ORD	1,792	1,792
15-Aug-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.45	ORD	3,334	3,334
15-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.45	ORD	1,855	1,855
15-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	ORD	8,211	8,211
15-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.45	ORD	31,473	31,473
15-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	9,703	48,515
15-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	166	830
15-Aug-24	APERIO GROUP LLC	in specie	n/a	ORD	31,173	31,173
16-Aug-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.45	ORD	-47,899	-47,899
16-Aug-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.43	ORD	5,314	5,314
16-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.41	ORD	-5,152	-5,152
16-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.41	ORD	1,324	1,324
16-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41	ORD	1,340	1,340
16-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.41	ORD	10,427	10,427
16-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	730	3,650
16-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	52	260

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19-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,154 1,154
19-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.38	ORD 408,392 408,392
19-Aug-24	BlackRock Institutional Trust Company, National Association	on mkt buy	4.38	ORD 85 85
19-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.39	ORD -1,341 -1,341
19-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	4.39	ORD -523 -523
19-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 1,430 1,430
19-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 3,575 3,575
19-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 1,998 1,998
19-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 1,998 1,998
19-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 965 965
19-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.39	ORD 5,804 5,804
19-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt sell	4.39	ORD -2,916 -2,916
19-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,039 5,195
19-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 208 1,040
20-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD 32,148 32,148
20-Aug-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.35	ORD -46,106 -46,106
20-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.30	ORD 448 448
20-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.30	ORD -9,248 -9,248
20-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.30	ORD -13,872 -13,872
20-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 2,640 2,640
20-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 8,848 8,848
20-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.30	ORD 417 417
20-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.30	ORD 8,960 8,960
20-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.30	ORD 4,871 4,871
20-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -786 -3,930
20-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 232 1,160
21-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD 577 577
21-Aug-24	BlackRock Investment Management (UK) Limited	on mkt buy	4.35	ORD 25,621 25,621
21-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.34	ORD -28 -28
21-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 3,575 3,575
21-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 662 662
21-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 662 662
21-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.34	ORD 502 502
21-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	4.34	ORD -17,481 -17,481
21-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.31	ORD 4,501 4,501
21-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD 2,308 2,308
21-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 581 2,905
21-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -137 -685
22-Aug-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.31	ORD -47,803 -47,803
22-Aug-24	BlackRock Investment Management (UK) Limited	on mkt sell	4.33	ORD -9,735 -9,735
22-Aug-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	4.29	ORD 2,281 2,281
22-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	4.29	ORD 1,992 1,992
22-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.29	ORD 8,091 8,091
22-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	4.29	ORD 41,895 41,895
22-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	4.29	ORD 993 993
22-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,675 18,375
22-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 668 3,340

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23-Aug-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.98	ORD 5,002	5,002
23-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.97	ORD 10,756	10,756
23-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.97	ORD 35,342	35,342
23-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.97	ORD 2,626	2,626
23-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 4,659	4,659
23-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 2,151	2,151
23-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 4,302	4,302
23-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 1,384	1,384
23-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 942	942
23-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 31,270	31,270
23-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	3.99	ORD -834	-834
23-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.99	ORD 9,116	9,116
23-Aug-24	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD 52,034	52,034
23-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,651	-18,255
23-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 48	240
26-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.85	ORD 5,970	5,970
26-Aug-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	3.83	ORD 1,030	1,030
26-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -6,160	-30,800
26-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 582	2,910
27-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 7,170	7,170
27-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 2,868	2,868
27-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 2,784	2,784
27-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.78	ORD 1,058	1,058
27-Aug-24	BlackRock Fund Advisors	on mkt buy	3.78	ORD 975	975
27-Aug-24	BlackRock Asset Management Deutschland AG	on mkt buy	3.78	ORD 6,210	6,210
27-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.76	ORD -10,958	-10,958
27-Aug-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 140,326	140,326
27-Aug-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 123,204	123,204
27-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -14,793	-73,965
27-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -703	-3,515
28-Aug-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.61	ORD 12,464	12,464
28-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.60	ORD 14,112	14,112
28-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.60	ORD 4,461	4,461
28-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.60	ORD 1,414	1,414
28-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.60	ORD 2,720	2,720
28-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	3.60	ORD -1,512	-1,512
28-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.60	ORD 5,842	5,842
28-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.60	ORD 119,304	119,304
28-Aug-24	BlackRock Investment Management, LLC	on mkt buy	3.60	ORD 6,544	6,544
28-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.60	ORD -2,626	-2,626
28-Aug-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 59,904	59,904
28-Aug-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -123,204	-123,204
28-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -26,204	-131,020
28-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,005	10,025
28-Aug-24	APERIO GROUP LLC	in specie	n/a	ORD -6,103	-6,103
29-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.70	ORD 13,078	13,078
29-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.68	ORD 28	28
29-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.68	ORD 938	938

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29-Aug-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.68	ORD 6,181	6,181
29-Aug-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	3.71	ORD 1,182	1,182
29-Aug-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -200,230	-200,230
29-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -9,345	-46,725
29-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -678	-3,390
30-Aug-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,275	1,275
30-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.61	ORD -5,600	-5,600
30-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 4,433	4,433
30-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 930	930
30-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 5,751	5,751
30-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 5,751	5,751
30-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 277	277
30-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 3,237	3,237
30-Aug-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.59	ORD -460,369	-460,369
30-Aug-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.59	ORD -19,698	-19,698
30-Aug-24	BlackRock Asset Management Canada Limited	on mkt sell	3.59	ORD -13,352	-13,352
30-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	3.59	ORD -77,020	-77,020
30-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	3.59	ORD -24,495	-24,495
30-Aug-24	BlackRock Advisors (UK) Limited	on mkt sell	3.59	ORD -2,029	-2,029
30-Aug-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.59	ORD -6,861	-6,861
30-Aug-24	BlackRock Fund Advisors	on mkt buy	3.59	ORD 222,151	222,151
30-Aug-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.59	ORD 8,962	8,962
30-Aug-24	BlackRock Fund Advisors	on mkt buy	3.59	ORD 10,447	10,447
30-Aug-24	BlackRock Asset Management Canada Limited	on mkt buy	3.59	ORD 458	458
30-Aug-24	BlackRock Asset Management Canada Limited	on mkt buy	3.59	ORD 939	939
30-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 1,813	1,813
30-Aug-24	BlackRock Fund Advisors	on mkt buy	3.59	ORD 3,561	3,561
30-Aug-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.59	ORD 12,273	12,273
30-Aug-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.59	ORD 25,680	25,680
30-Aug-24	BlackRock Fund Advisors	on mkt buy	3.59	ORD 29,941	29,941
30-Aug-24	BlackRock Fund Advisors	on mkt buy	3.59	ORD 636,593	636,593
30-Aug-24	BlackRock Asset Management Canada Limited	on mkt buy	3.59	ORD 1,312	1,312
30-Aug-24	BlackRock Asset Management Canada Limited	on mkt buy	3.59	ORD 2,687	2,687
30-Aug-24	BlackRock Advisors (UK) Limited	on mkt buy	3.59	ORD 5,193	5,193
30-Aug-24	BlackRock Fund Advisors	on mkt buy	3.59	ORD 10,201	10,201
30-Aug-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.59	ORD 35,174	35,174
30-Aug-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.63	ORD 4,745	4,745
30-Aug-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.63	ORD 6,970	6,970
30-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.61	ORD 3,448	3,448
30-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.61	ORD -6,632	-6,632
30-Aug-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.61	ORD 5,079	5,079
30-Aug-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 1,008,956	1,008,956
30-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,537,195	7,685,974
30-Aug-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 146,454	732,270

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
30-Aug-24	APERIO GROUP LLC	in specie	n/a	ORD	126,625	126,625
30-Aug-24	APERIO GROUP LLC	in specie	n/a	ORD	1,281,487	1,281,487
02-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.62	ORD	24,833	24,833
02-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.65	ORD	2,726	2,726
02-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.65	ORD	-5,847	-5,847
02-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.66	ORD	9,157	9,157
02-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.65	ORD	7,206	7,206
02-Sep-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	4	4
03-Sep-24	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	-42,126	-42,126
03-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.59	ORD	-2,464	-2,464
03-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.60	ORD	2,139	2,139
03-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.60	ORD	2,744	2,744
03-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.60	ORD	2,401	2,401
03-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.59	ORD	-11,295	-11,295
03-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.59	ORD	-43,033	-43,033
03-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,008,956	-1,008,956
03-Sep-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-4	-4
03-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,573,599	-7,867,994
03-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-148,315	-741,575
03-Sep-24	APERIO GROUP LLC	in specie	n/a	ORD	-126,625	-126,625
03-Sep-24	APERIO GROUP LLC	in specie	n/a	ORD	-1,281,487	-1,281,487
04-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.58	ORD	238,053	238,053
04-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.57	ORD	15,125	15,125
04-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.57	ORD	-9,466	-9,466
04-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.57	ORD	-9,466	-9,466
04-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.57	ORD	-4	-4
04-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.57	ORD	2,064	2,064
04-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.57	ORD	1,376	1,376
04-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.57	ORD	-935	-935
04-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.57	ORD	-2,805	-2,805
04-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.57	ORD	5,793	5,793
04-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.57	ORD	-1,869	-1,869
04-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.55	ORD	2,240	2,240
04-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.55	ORD	1,463	1,463
04-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	684,270	684,270
04-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-52,582	-262,910
04-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-4,156	-20,780
04-Sep-24	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-38,487	-38,487
05-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	4,401	4,401
05-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	27,010	27,010
05-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	162,060	162,060
05-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	172,864	172,864
05-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.52	ORD	259,218	259,218
05-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.54	ORD	7,928	7,928
05-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.56	ORD	-1,120	-1,120

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
05-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.53	ORD 12,106	12,106
05-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.52	ORD 8	8
05-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.52	ORD 348	348
05-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.52	ORD -934	-934
05-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.52	ORD 5,794	5,794
05-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.52	ORD 5,794	5,794
05-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.52	ORD 5,794	5,794
05-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.52	ORD 17,382	17,382
05-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.56	ORD -10,584	-10,584
05-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.56	ORD -47,665	-47,665
05-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 16,206	16,206
05-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 2,280	2,280
05-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 16,206	16,206
05-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 243,090	243,090
05-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -31,207	-156,035
05-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -456	-2,280
06-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 7,335	7,335
06-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 4,956	4,956
06-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.59	ORD 18,044	18,044
06-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.59	ORD 2,826	2,826
06-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.59	ORD 2,746	2,746
06-Sep-24	BlackRock Fund Advisors	on mkt sell	3.60	ORD -5,096	-5,096
06-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.54	ORD 13,523	13,523
06-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.54	ORD 459	459
06-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.52	ORD 14,643	14,643
06-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.52	ORD 688	688
06-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.52	ORD 5,798	5,798
06-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.52	ORD 11,596	11,596
06-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.52	ORD -834	-834
06-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.52	ORD 11,596	11,596
06-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.52	ORD -417	-417
06-Sep-24	BlackRock Fund Advisors	on mkt sell	3.52	ORD -85,195	-85,195
06-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.53	ORD 1,581	1,581
06-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.53	ORD -28,488	-28,488
06-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -89,992	-89,992
06-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -28,092	-140,460
06-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -4,328	-21,640
06-Sep-24	APERIO GROUP LLC	in specie	n/a	ORD 122,523	122,523
09-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 72,562	72,562
09-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 77,745	77,745
09-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.51	ORD 3,381	3,381
09-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.51	ORD 2,355	2,355
09-Sep-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.51	ORD 86,774	86,774
09-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.51	ORD 34,878	34,878
09-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.49	ORD -8,785	-8,785
09-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.51	ORD -14,325	-14,325
09-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.51	ORD -14,325	-14,325
09-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.51	ORD -52	-52
09-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.51	ORD -942	-942

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
09-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.51	ORD	2,199	2,199
09-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.51	ORD	7,868	7,868
09-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.49	ORD	3,447	3,447
09-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	227,424	227,424
09-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-34,846	-174,230
09-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,764	-8,820
10-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	25,525	25,525
10-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.48	ORD	-4,772	-4,772
10-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.48	ORD	-9,544	-9,544
10-Sep-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.48	ORD	10,786	10,786
10-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.47	ORD	-2,510	-2,510
10-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.47	ORD	-6,048	-6,048
10-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	61,260	61,260
10-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-821,702	-821,702
10-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-53,928	-269,640
10-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-5,003	-25,015
11-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	-123,025	-123,025
11-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	-84,360	-84,360
11-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	24,995	24,995
11-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	11,328	11,328
11-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.49	ORD	13,769	13,769
11-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.49	ORD	7,516	7,516
11-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.46	ORD	2,199	2,199
11-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.46	ORD	-18,807	-18,807
11-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.46	ORD	-1,515	-1,515
11-Sep-24	BlackRock Investment Management, LLC	on mkt buy	3.46	ORD	7,266	7,266
11-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.48	ORD	-1,120	-1,120
11-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-59,824	-299,120
11-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,687	-13,435
11-Sep-24	APERIO GROUP LLC	in specie	n/a	ORD	-1,464	-1,464
12-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	5,095	5,095
12-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	-17,325	-17,325
12-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.38	ORD	18,728	18,728
12-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.38	ORD	674	674
12-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.39	ORD	2,240	2,240
12-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.36	ORD	1,035	1,035
12-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.36	ORD	1,380	1,380
12-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.36	ORD	3,795	3,795
12-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.36	ORD	1,725	1,725
12-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.36	ORD	-453	-453
12-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.36	ORD	5,824	5,824
12-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	1,164	1,164
12-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-57,836	-289,180
12-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-117	-585
13-Sep-24	BlackRock Fund Advisors	on mkt sell	3.38	ORD	-1,728	-1,728
13-Sep-24	BlackRock Asset Management Deutschland AG	on mkt sell	3.38	ORD	-7,409	-7,409
13-Sep-24	BlackRock Fund Advisors	on mkt buy	3.38	ORD	3,000	3,000
13-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.38	ORD	26,154	26,154
13-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.39	ORD	-13,489	-13,489

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13-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.39	ORD -41,554	-41,554
13-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.39	ORD -640	-640
13-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -46,298	-231,490
13-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -10,163	-50,815
16-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 9,864	9,864
16-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.38	ORD -249	-249
16-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.36	ORD 694	694
16-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.36	ORD 20,899	20,899
16-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.36	ORD -1,661	-1,661
16-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.36	ORD -1,062	-1,062
16-Sep-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	3.39	ORD -1,059	-1,059
16-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.39	ORD -1,934	-1,934
16-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.39	ORD -13,804	-13,804
16-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 825,811	825,811
16-Sep-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 55,856	55,856
16-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -20,294	-101,470
16-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -277	-1,385
17-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 10,716	10,716
17-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 10,306	10,306
17-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.36	ORD 1,041	1,041
17-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.36	ORD 2,776	2,776
17-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.36	ORD 938	938
17-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.36	ORD -3,229	-3,229
17-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.36	ORD -27,775	-27,775
17-Sep-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.36	ORD -41,825	-41,825
17-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.36	ORD -3,724	-3,724
17-Sep-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	3.37	ORD -1,242	-1,242
17-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.37	ORD -12,222	-12,222
17-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -825,811	-825,811
17-Sep-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -55,856	-55,856
17-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -10,631	-53,155
17-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 444	2,220
18-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 16,920	16,920
18-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 10,049	10,049
18-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.28	ORD 709	709
18-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.28	ORD 2,720	2,720
18-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.28	ORD 3,237	3,237
18-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.28	ORD -27,896	-27,896
18-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.28	ORD -4,144	-4,144
18-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.29	ORD -896	-896
18-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 1,987,398	1,987,398
18-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -11,681	-58,405
18-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 106	530
18-Sep-24	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD -23,123	-23,123
19-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 41,240	41,240
19-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD 6,365	6,365

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19-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	56,400	56,400
19-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	5,520	5,520
19-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	-17,840	-17,840
19-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.32	ORD	17,047	17,047
19-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.31	ORD	11,696	11,696
19-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.31	ORD	-18,105	-18,105
19-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.31	ORD	43,426	43,426
19-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.30	ORD	4,765	4,765
19-Sep-24	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-46,686	-46,686
19-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,987,398	-1,987,398
19-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-18,406	-92,030
19-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-1,542	-7,710
19-Sep-24	APERIO GROUP LLC	in specie	n/a	ORD	-160,049	-160,049
20-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	2,200	2,200
20-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.27	ORD	937	937
20-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.28	ORD	2,088	2,088
20-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.28	ORD	348	348
20-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.28	ORD	2,784	2,784
20-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.28	ORD	946	946
20-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.28	ORD	-5,849	-5,849
20-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.28	ORD	49,176	49,176
20-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.28	ORD	223,776	223,776
20-Sep-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.28	ORD	98,309	98,309
20-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.28	ORD	156,464	156,464
20-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.28	ORD	2,937	2,937
20-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.28	ORD	-8,825	-8,825
20-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	11,712	58,560
20-Sep-24	APERIO GROUP LLC	in specie	n/a	ORD	-12,985	-12,985
23-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.20	ORD	5,305	5,305
23-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.18	ORD	-4,015	-4,015
23-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.20	ORD	16,744	16,744
23-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.18	ORD	-4,256	-4,256
23-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.18	ORD	-896	-896
23-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.17	ORD	2,133	2,133
23-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.17	ORD	906	906
23-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.17	ORD	946	946
23-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.17	ORD	-5,849	-5,849
23-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.17	ORD	23,335	23,335
23-Sep-24	BlackRock Fund Advisors	on mkt sell	3.17	ORD	-22,228	-22,228
23-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.17	ORD	-80,566	-80,566
23-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.17	ORD	-27,727	-27,727
23-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.18	ORD	-1,792	-1,792
23-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.18	ORD	4,480	4,480

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
23-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	196,731	196,731
23-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1	1
23-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-17,057	-85,285
23-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	193	965
24-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	589	589
24-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	1,728	1,728
24-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.13	ORD	-8	-8
24-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.13	ORD	453	453
24-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.13	ORD	1,884	1,884
24-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.13	ORD	586	586
24-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.13	ORD	-834	-834
24-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.13	ORD	-3,093	-3,093
24-Sep-24	BlackRock Fund Advisors	on mkt sell	3.13	ORD	-10,387	-10,387
24-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.13	ORD	13,656	13,656
24-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.13	ORD	3,690	3,690
24-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.16	ORD	3,136	3,136
24-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.16	ORD	64,814	64,814
24-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1	-1
24-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-16,514	-82,570
24-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	155	775
24-Sep-24	APERIO GROUP LLC	in specie	n/a	ORD	-61,416	-61,416
25-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	1,467	1,467
25-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.10	ORD	54,638	54,638
25-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.10	ORD	28,791	28,791
25-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.06	ORD	-52	-52
25-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06	ORD	3,605	3,605
25-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06	ORD	3,605	3,605
25-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06	ORD	1,750	1,750
25-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.06	ORD	-4,398	-4,398
25-Sep-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.06	ORD	6,485	6,485
25-Sep-24	BlackRock Fund Advisors	on mkt sell	3.06	ORD	-4,411	-4,411
25-Sep-24	BlackRock Fund Advisors	on mkt sell	3.06	ORD	-110,796	-110,796
25-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.06	ORD	-2,896	-2,896
25-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.07	ORD	44,039	44,039
25-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.07	ORD	84,479	84,479
25-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.07	ORD	2,472	2,472
25-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1	1
25-Sep-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	2	2
25-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-11,571	-57,855
25-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	177	885
26-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	-13,848	-13,848
26-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	130,622	130,622
26-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.12	ORD	117,081	117,081
26-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.13	ORD	12,789	12,789
26-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.15	ORD	-16	-16
26-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.15	ORD	2,100	2,100
26-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.15	ORD	1,400	1,400
26-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.15	ORD	908	908
26-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.15	ORD	6,548	6,548

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26-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.15	ORD	-416	-416
26-Sep-24	BLACKROCK (SINGAPORE) LTD	on mkt sell	3.15	ORD	-11,729	-11,729
26-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.15	ORD	3,804	3,804
26-Sep-24	BlackRock Investment Management, LLC	on mkt buy	3.15	ORD	29,267	29,267
26-Sep-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	3.16	ORD	3,974	3,974
26-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.16	ORD	5,421	5,421
26-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.16	ORD	39,379	39,379
26-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.16	ORD	71,159	71,159
26-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	4	4
26-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1	-1
26-Sep-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	-2	-2
26-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-2,749	-13,745
26-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-25	-125
26-Sep-24	APERIO GROUP LLC	in specie	n/a	ORD	57,795	57,795
27-Sep-24	BlackRock Fund Advisors	on mkt buy	3.13	ORD	2,052	2,052
27-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	25,090	25,090
27-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.09	ORD	74,914	74,914
27-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.09	ORD	134,848	134,848
27-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.09	ORD	17,480	17,480
27-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.09	ORD	47,305	47,305
27-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.09	ORD	28,588	28,588
27-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.09	ORD	-6,597	-6,597
27-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.09	ORD	-5,894	-5,894
27-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.09	ORD	-5,894	-5,894
27-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.09	ORD	-5,894	-5,894
27-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-4	-4
27-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-17,634	-88,170
27-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	390	1,950
27-Sep-24	APERIO GROUP LLC	in specie	n/a	ORD	57,795	57,795
30-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	16,549	16,549
30-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	15,000	15,000
30-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	33,000	33,000
30-Sep-24	BlackRock Fund Advisors	in specie	n/a	ORD	24,000	24,000
30-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.07	ORD	34,012	34,012
30-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.07	ORD	6,370	6,370
30-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.03	ORD	-29,456	-29,456
30-Sep-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD	908	908
30-Sep-24	BlackRock Advisors (UK) Limited	on mkt sell	3.03	ORD	-5,937	-5,937
30-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.03	ORD	58,146	58,146
30-Sep-24	BlackRock Fund Advisors	on mkt buy	3.03	ORD	1,184	1,184
30-Sep-24	BlackRock Fund Advisors	on mkt buy	3.03	ORD	2,040	2,040
30-Sep-24	BlackRock Fund Advisors	on mkt buy	3.03	ORD	41,488	41,488
30-Sep-24	BlackRock Investment Management, LLC	on mkt buy	3.03	ORD	24,706	24,706
30-Sep-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.03	ORD	5,754	5,754
30-Sep-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	3.07	ORD	26,562	26,562
30-Sep-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.07	ORD	66,699	66,699

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30-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.07	ORD 57,210	57,210
30-Sep-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.07	ORD 2,240	2,240
30-Sep-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 24	24
30-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -10,107	-50,535
30-Sep-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,757	-8,785
30-Sep-24	APERIO GROUP LLC	in specie	n/a	ORD -57,795	-57,795
01-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.05	ORD 130,523	130,523
01-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.05	ORD 57,239	57,239
01-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD 9,702	9,702
01-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD 2,860	2,860
01-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD 3,352	3,352
01-Oct-24	BlackRock Fund Advisors	on mkt sell	3.00	ORD -8,581	-8,581
01-Oct-24	BlackRock Asset Management Deutschland AG	on mkt buy	3.00	ORD 20,136	20,136
01-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD 25,542	25,542
01-Oct-24	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD 1,393,912	1,393,912
01-Oct-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 1	1
01-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -2,842	-14,210
01-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,693	8,465
02-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.06	ORD 12,083	12,083
02-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.01	ORD 266,490	266,490
02-Oct-24	BlackRock Fund Advisors	on mkt buy	3.01	ORD 51,872	51,872
02-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.01	ORD 8,705	8,705
02-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.01	ORD 3,530	3,530
02-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.01	ORD 4,853	4,853
02-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.01	ORD 4,853	4,853
02-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.01	ORD 4,853	4,853
02-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.01	ORD 9,706	9,706
02-Oct-24	BlackRock Advisors (UK) Limited	on mkt sell	3.01	ORD -102,767	-102,767
02-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.01	ORD 1,071	1,071
02-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.01	ORD 4,284	4,284
02-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.01	ORD 1,039	1,039
02-Oct-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.01	ORD -14,055	-14,055
02-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.08	ORD 77,510	77,510
02-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.08	ORD 18,086	18,086
02-Oct-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -4	-4
02-Oct-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -1	-1
02-Oct-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 1	1
02-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -672	-3,360
02-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -600	-3,000
03-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD -10,704	-10,704
03-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.10	ORD 8,258	8,258
03-Oct-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	3.11	ORD 27,152	27,152
03-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.11	ORD 50,598	50,598
03-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.11	ORD 58,480	58,480
03-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.11	ORD 75,186	75,186

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03-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.11	ORD 9,712	9,712
03-Oct-24	BlackRock Advisors (UK) Limited	on mkt sell	3.11	ORD -29,326	-29,326
03-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.11	ORD 590	590
03-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.11	ORD 12	12
03-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.11	ORD 27,570	27,570
03-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.12	ORD 2,464	2,464
03-Oct-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -20	-20
03-Oct-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -1	-1
03-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,196	20,980
03-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -439	-2,195
03-Oct-24	APERIO GROUP LLC	in specie	n/a	ORD -15,604	-15,604
04-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,818	1,818
04-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.18	ORD 79,088	79,088
04-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.18	ORD 66,667	66,667
04-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.18	ORD 15,074	15,074
04-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.18	ORD 5,140	5,140
04-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.19	ORD 157,478	157,478
04-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.19	ORD 393,996	393,996
04-Oct-24	BlackRock Asset Management Deutschland AG	on mkt buy	3.19	ORD 8,598	8,598
04-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.19	ORD 60	60
04-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.19	ORD 2,145	2,145
04-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.19	ORD 2,317	2,317
04-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.19	ORD 9,510	9,510
04-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.18	ORD 2,016	2,016
04-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,558	12,790
04-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 4,078	20,390
04-Oct-24	APERIO GROUP LLC	in specie	n/a	ORD -44,735	-44,735
07-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD 26,900	26,900
07-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD 10,760	10,760
07-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.13	ORD 6,261	6,261
07-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.12	ORD 37,116	37,116
07-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.12	ORD 711	711
07-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.12	ORD 967	967
07-Oct-24	BlackRock Advisors (UK) Limited	on mkt sell	3.12	ORD -4,396	-4,396
07-Oct-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.12	ORD 11,046	11,046
07-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.12	ORD 24,830	24,830
07-Oct-24	BlackRock Fund Advisors	on mkt buy	3.12	ORD 1,348	1,348
07-Oct-24	BlackRock Investment Management, LLC	on mkt buy	3.12	ORD 8,999	8,999
07-Oct-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	3.15	ORD 8,711	8,711
07-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.15	ORD 22,080	22,080
07-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.15	ORD 13,469	13,469
07-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 6,769	33,845
07-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -874	-4,370
07-Oct-24	APERIO GROUP LLC	in specie	n/a	ORD 41,367	41,367
08-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD -15,960	-15,960
08-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06	ORD 2,844	2,844
08-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06	ORD 3,555	3,555

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08-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06 ORD 2,058	2,058
08-Oct-24	BlackRock Fund Advisors	on mkt buy	3.06 ORD 9,203	9,203
08-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06 ORD 17,340	17,340
08-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.06 ORD 24,274	24,274
08-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.06 ORD 7,359	7,359
08-Oct-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.06 ORD 49,820	49,820
08-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.06 ORD -12,902	-12,902
08-Oct-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 17,627	88,135
08-Oct-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 466	2,330
08-Oct-24	APERIO GROUP LLC	in specie	n/a ORD 41,367	41,367
09-Oct-24	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD -2,495,968	-2,495,968
09-Oct-24	BlackRock Investment Management (Australia) Limited	in specie	n/a ORD 2,495,968	2,495,968
09-Oct-24	BlackRock Fund Advisors	in specie	n/a ORD -6,916	-6,916
09-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.11 ORD 35,896	35,896
09-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.13 ORD -2,125	-2,125
09-Oct-24	BlackRock Advisors (UK) Limited	on mkt sell	3.12 ORD -4,858	-4,858
09-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.12 ORD 688	688
09-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.12 ORD 963	963
09-Oct-24	BlackRock Advisors (UK) Limited	on mkt sell	3.12 ORD -1,797	-1,797
09-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.12 ORD 272	272
09-Oct-24	BlackRock Asset Management Canada Limited	on mkt sell	3.12 ORD -1,676	-1,676
09-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.12 ORD 32,493	32,493
09-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.13 ORD 1,194	1,194
09-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.13 ORD -2,615	-2,615
09-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.13 ORD 5,264	5,264
09-Oct-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 4,251	21,255
09-Oct-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 800	4,000
09-Oct-24	APERIO GROUP LLC	in specie	n/a ORD -14,903	-14,903
10-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.04 ORD 269	269
10-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.04 ORD 116	116
10-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.06 ORD -4,586	-4,586
10-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06 ORD 3,087	3,087
10-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06 ORD 963	963
10-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06 ORD 544	544
10-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.06 ORD -34,375	-34,375
10-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.06 ORD 2,630	2,630
10-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.06 ORD 6,293	6,293
10-Oct-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	3.05 ORD -1,142	-1,142
10-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.05 ORD -36,110	-36,110
10-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.05 ORD 5,818	5,818
10-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.05 ORD -51,892	-51,892

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
10-Oct-24	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	-273,894	-273,894
10-Oct-24	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD	273,894	273,894
10-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	33,599	167,995
10-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,379	6,895
11-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD	48,965	48,965
11-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD	-18,044	-18,044
11-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD	-2,826	-2,826
11-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD	-2,746	-2,746
11-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD	-3,972	-3,972
11-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.06	ORD	4,450	4,450
11-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.05	ORD	1,029	1,029
11-Oct-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD	-1,290	-1,290
11-Oct-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD	-1,548	-1,548
11-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.07	ORD	7,015	7,015
11-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.07	ORD	-23,104	-23,104
11-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.07	ORD	5,120	5,120
11-Oct-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,305,548	1,305,548
11-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	-12,352	-61,760
11-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	8,254	41,270
11-Oct-24	APERIO GROUP LLC	in specie	n/a	ORD	-41,367	-41,367
14-Oct-24	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	28,841	28,841
14-Oct-24	BlackRock Institutional Trust Company, National Association	in specie	n/a	ORD	-28,841	-28,841
14-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD	2,444	2,444
14-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.02	ORD	2,133	2,133
14-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.02	ORD	11,597	11,597
14-Oct-24	BlackRock Advisors (UK) Limited	on mkt sell	3.00	ORD	-38,856	-38,856
14-Oct-24	BlackRock Advisors (UK) Limited	on mkt sell	3.00	ORD	-29,142	-29,142
14-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD	2,133	2,133
14-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD	3,555	3,555
14-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.00	ORD	-8,493	-8,493
14-Oct-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	3.01	ORD	1,481	1,481
14-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.01	ORD	-13,351	-13,351
14-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.01	ORD	15,193	15,193
14-Oct-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,305,548	-1,305,548
14-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	4,259	21,295
14-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	316	1,580
15-Oct-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.00	ORD	-13,734	-13,734
15-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD	2,240	2,240
15-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD	1,376	1,376
15-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD	500	500
15-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD	456	456
15-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD	960	960
15-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD	960	960
15-Oct-24	BlackRock Advisors (UK) Limited	on mkt sell	3.03	ORD	-526	-526
15-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD	3,013	3,013

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
15-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.03	ORD 134,772	134,772
15-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.02	ORD 12,352	12,352
15-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.02	ORD 5,368	5,368
15-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,648	18,240
15-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,682	8,410
16-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.93	ORD 2,730	2,730
16-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.93	ORD 10,080	10,080
16-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.93	ORD 8,940	8,940
16-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.92	ORD 2,240	2,240
16-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.94	ORD 2,844	2,844
16-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.94	ORD 501	501
16-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.92	ORD -82,160	-82,160
16-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.92	ORD 21,648	21,648
16-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.92	ORD 5,834	5,834
16-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,253	11,265
16-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 221	1,105
16-Oct-24	APERIO GROUP LLC	in specie	n/a	ORD 126,128	126,128
17-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.99	ORD 37,427	37,427
17-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.01	ORD 82,774	82,774
17-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.99	ORD 2,401	2,401
17-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.99	ORD 960	960
17-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.99	ORD 960	960
17-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.99	ORD 3,840	3,840
17-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.02	ORD -2,747	-2,747
17-Oct-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	3.01	ORD 9,453	9,453
17-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.01	ORD 64,380	64,380
17-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 9,449	47,245
17-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,287	6,435
18-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,756	1,756
18-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD 37,154	37,154
18-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.05	ORD 3,056	3,056
18-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.05	ORD 8,852	8,852
18-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06	ORD 2,836	2,836
18-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06	ORD 5,265	5,265
18-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.06	ORD 3,013	3,013
18-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.05	ORD 10,094	10,094
18-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.05	ORD 16,818	16,818
18-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -1,978	-9,890
18-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,107	15,535
18-Oct-24	APERIO GROUP LLC	in specie	n/a	ORD -29,466	-29,466
18-Oct-24	BLACKROCK ADVISORS LLC	in specie	n/a	ORD -15,726	-15,726
21-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD -130,852	-130,852
21-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD 588	588
21-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD -44,954	-44,954

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
21-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.99	ORD 6,637	6,637
21-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.99	ORD 23,395	23,395
21-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.99	ORD -1,730	-1,730
21-Oct-24	BlackRock Advisors (UK) Limited	on mkt sell	3.00	ORD -29,086	-29,086
21-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD 2,736	2,736
21-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD 3,020	3,020
21-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.00	ORD 120,989	120,989
21-Oct-24	BlackRock Fund Advisors	on mkt buy	3.00	ORD 926	926
21-Oct-24	BlackRock Asset Management Deutschland AG	on mkt buy	3.00	ORD 10,778	10,778
21-Oct-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	2.98	ORD 3,539	3,539
21-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.98	ORD 43,335	43,335
21-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -9,084	-45,420
21-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,939	9,695
21-Oct-24	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	ORD -770	-770
22-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.98	ORD 19,204	19,204
22-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.98	ORD 3,545	3,545
22-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.98	ORD 1,925	1,925
22-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.98	ORD -12,555	-12,555
22-Oct-24	BlackRock Fund Advisors	on mkt buy	2.98	ORD 2,066	2,066
22-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.97	ORD 8,491	8,491
22-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 7,186	35,930
22-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 571	2,855
23-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD -10,338	-10,338
23-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,176	1,176
23-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.01	ORD 7,130	7,130
23-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.01	ORD 15,755	15,755
23-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD 4,804	4,804
23-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD 1,085	1,085
23-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.00	ORD 35,911	35,911
23-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.00	ORD -8,300	-8,300
23-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.00	ORD -11,942	-11,942
23-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 13,268	66,340
23-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,399	16,995
23-Oct-24	APERIO GROUP LLC	in specie	n/a	ORD 32,348	32,348
24-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD 5,625	5,625
24-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD -1,705	-1,705
24-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.97	ORD 37,548	37,548
24-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.97	ORD 782	782
24-Oct-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	2.96	ORD 28,275	28,275
24-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.96	ORD 66,848	66,848
24-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.96	ORD 78,785	78,785
24-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 1,086	1,086
24-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 5,863	5,863

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24-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.96	ORD -61,897	-61,897
24-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.96	ORD 448	448
24-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.96	ORD 7,163	7,163
24-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 8,751	43,755
24-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,284	16,420
25-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD 14,110	14,110
25-Oct-24	BlackRock Asset Management Canada Limited	on mkt buy	2.96	ORD 22,721	22,721
25-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98	ORD 15,130	15,130
25-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98	ORD 13,163	13,163
25-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.98	ORD 761	761
25-Oct-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.97	ORD -52,729	-52,729
25-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.98	ORD 59,693	59,693
25-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.98	ORD 7,101	7,101
25-Oct-24	BlackRock Asset Management Deutschland AG	on mkt buy	3.00	ORD 8,481	8,481
25-Oct-24	BlackRock Asset Management Deutschland AG	on mkt sell	3.00	ORD -8,481	-8,481
25-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD 3,021	3,021
25-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD 1,086	1,086
25-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 12,832	64,160
25-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 928	4,640
25-Oct-24	BlackRock Investment Management, LLC	in specie	n/a	ORD -71,558	-71,558
25-Oct-24	BlackRock Investment Management, LLC	in specie	n/a	ORD -697,632	-697,632
28-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD 604	604
28-Oct-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	2.96	ORD 18,125	18,125
28-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.96	ORD 46,351	46,351
28-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.96	ORD 68,314	68,314
28-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.96	ORD 18,598	18,598
28-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.96	ORD 16,158	16,158
28-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.96	ORD -5,475	-5,475
28-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 15,641	78,205
28-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -806	-4,030
29-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98	ORD -448	-448
29-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 4,814	4,814
29-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 713	713
29-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 996	996
29-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 2,100	2,100
29-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 700	700
29-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 1,400	1,400
29-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 502	502
29-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 1,368	1,368
29-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 5,864	5,864
29-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 1,822	1,822
29-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 272	272
29-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 279	279
29-Oct-24	BlackRock Fund Advisors	on mkt buy	2.96	ORD 53,669	53,669
29-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 34,815	174,075

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29-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,280	6,400
29-Oct-24	APERIO GROUP LLC	in specie	n/a	ORD	-204	-204
30-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD	-154	-154
30-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD	1,208	1,208
30-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD	14,100	14,100
30-Oct-24	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	-26,107	-26,107
30-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.00	ORD	8,521	8,521
30-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.00	ORD	12,935	12,935
30-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.99	ORD	16,395	16,395
30-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD	4,823	4,823
30-Oct-24	BlackRock Advisors (UK) Limited	on mkt sell	3.00	ORD	-379	-379
30-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD	2,133	2,133
30-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	3.00	ORD	1,755	1,755
30-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.00	ORD	672	672
30-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.00	ORD	15,214	15,214
30-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.00	ORD	12,957	12,957
30-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	29,896	149,480
30-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,933	9,665
30-Oct-24	APERIO GROUP LLC	in specie	n/a	ORD	65,454	65,454
31-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD	1,467	1,467
31-Oct-24	BlackRock Fund Advisors	in specie	n/a	ORD	14,110	14,110
31-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.92	ORD	9,230	9,230
31-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.92	ORD	27,841	27,841
31-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.91	ORD	714	714
31-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.91	ORD	2,142	2,142
31-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.91	ORD	457	457
31-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.91	ORD	1,087	1,087
31-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.91	ORD	416	416
31-Oct-24	BlackRock Fund Advisors	on mkt buy	2.91	ORD	1,678	1,678
31-Oct-24	BlackRock Asset Management Deutschland AG	on mkt buy	2.91	ORD	14,801	14,801
31-Oct-24	BlackRock Advisors (UK) Limited	on mkt buy	2.91	ORD	18,253	18,253
31-Oct-24	BlackRock Fund Advisors	on mkt buy	2.91	ORD	55,840	55,840
31-Oct-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.91	ORD	170,578	170,578
31-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.91	ORD	-322,185	-322,185
31-Oct-24	BlackRock Asset Management Canada Limited	on mkt sell	2.91	ORD	-1,756	-1,756
31-Oct-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.92	ORD	-10,895	-10,895
31-Oct-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.92	ORD	-6,356	-6,356
31-Oct-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	114,944	114,944
31-Oct-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,408,787	1,408,787
31-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	10,841	54,205
31-Oct-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,171	15,855
31-Oct-24	APERIO GROUP LLC	in specie	n/a	ORD	-32,727	-32,727
01-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD	616	616
01-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.89	ORD	6,546	6,546
01-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.89	ORD	12,792	12,792
01-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.88	ORD	9,630	9,630
01-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.88	ORD	-32	-32

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
01-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.88	ORD	2,840	2,840
01-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.88	ORD	2,485	2,485
01-Nov-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.88	ORD	31,269	31,269
01-Nov-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.88	ORD	16,860	16,860
01-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.88	ORD	-89,182	-89,182
01-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.90	ORD	-896	-896
01-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.90	ORD	1,344	1,344
01-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.90	ORD	-7,083	-7,083
01-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.90	ORD	7,427	7,427
01-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	1,444,177	1,444,177
01-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,408,787	-1,408,787
01-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	26,389	131,945
01-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	1,485	7,425
03-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-1,559,121	-1,559,121
04-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD	1,467	1,467
04-Nov-24	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	10,519	10,519
04-Nov-24	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	155,933	155,933
04-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.96	ORD	29,865	29,865
04-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.96	ORD	237,249	237,249
04-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.95	ORD	-3,582	-3,582
04-Nov-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	2.96	ORD	-2,357	-2,357
04-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.96	ORD	-26,464	-26,464
04-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.96	ORD	-66,405	-66,405
04-Nov-24	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD	584,697	584,697
04-Nov-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	1,001,695	1,001,695
04-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	564,378	564,378
04-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	7,250	36,250
04-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	2,824	14,120
04-Nov-24	APERIO GROUP LLC	in specie	n/a	ORD	-8,616	-8,616
05-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD	5,954	5,954
05-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.96	ORD	-67,924	-67,924
05-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.97	ORD	2,768	2,768
05-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.97	ORD	2,768	2,768
05-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.97	ORD	504	504
05-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.97	ORD	1,088	1,088
05-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.97	ORD	-17,694	-17,694
05-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.97	ORD	-29,490	-29,490
05-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.97	ORD	3,046	3,046
05-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	342,095	342,095
05-Nov-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	210,225	210,225
05-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	-564,378	-564,378
05-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	17,640	88,200
05-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	3,500	17,500
05-Nov-24	APERIO GROUP LLC	in specie	n/a	ORD	131,014	131,014

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
06-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.96	ORD -132,892	-132,892
06-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.96	ORD -9,720	-9,720
06-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.96	ORD 8,307	8,307
06-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.96	ORD 48,343	48,343
06-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.96	ORD 27,351	27,351
06-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD -6,888	-6,888
06-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.95	ORD 1,730	1,730
06-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.95	ORD 272	272
06-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.95	ORD 544	544
06-Nov-24	BlackRock Asset Management Canada Limited	on mkt buy	2.95	ORD 12,768	12,768
06-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.95	ORD 152,994	152,994
06-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.96	ORD 896	896
06-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -240,156	-240,156
06-Nov-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -462,593	-462,593
06-Nov-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 807,990	807,990
06-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 21,660	108,300
06-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 1,794	8,970
07-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.96	ORD 12,097	12,097
07-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.96	ORD 58,039	58,039
07-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 4,998	4,998
07-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 2,076	2,076
07-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 1,384	1,384
07-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 2,176	2,176
07-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.96	ORD 416	416
07-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.96	ORD -3,060	-3,060
07-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.96	ORD 2,119	2,119
07-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	ORD 1,792	1,792
07-Nov-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt buy	2.97	ORD 2,406	2,406
07-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.97	ORD -30,114	-30,114
07-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt buy	2.97	ORD 3,179	3,179
07-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 427,697	427,697
07-Nov-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 289,541	289,541
07-Nov-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -807,990	-807,990
07-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 22,239	111,195
07-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 9,656	48,280
08-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD 6,882	6,882
08-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.03	ORD -8,521	-8,521
08-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.02	ORD 6,749	6,749
08-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.02	ORD 2,312	2,312
08-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.02	ORD 6,610	6,610

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
08-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.04	ORD -232,824	-232,824
08-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.04	ORD 1,730	1,730
08-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.04	ORD 1,384	1,384
08-Nov-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.04	ORD 29,846	29,846
08-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.02	ORD -6,714	-6,714
08-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.02	ORD -1,265	-1,265
08-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -529,636	-529,636
08-Nov-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 489,212	489,212
08-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -19,619	-98,095
08-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 8,630	43,150
08-Nov-24	BLACKROCK FINANCIAL MANAGEMENT, INC.	in specie	n/a	ORD -15,845	-15,845
10-Nov-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -1,528,080	-1,528,080
11-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD -133,710	-133,710
11-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD -66,855	-66,855
11-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD 4,401	4,401
11-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD 15,438	15,438
11-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD 4,401	4,401
11-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.99	ORD 1,038	1,038
11-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.99	ORD 692	692
11-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.99	ORD 2,768	2,768
11-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.99	ORD -5,890	-5,890
11-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.99	ORD -5,890	-5,890
11-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.99	ORD 1,120	1,120
11-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.99	ORD 145,734	145,734
11-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.97	ORD -33,118	-33,118
11-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.97	ORD -41,287	-41,287
11-Nov-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD 1,167,455	1,167,455
11-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 21,044	105,220
11-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 14,780	73,900
12-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD 621	621
12-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD -3,568	-3,568
12-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD 41,020	41,020
12-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD 12	12
12-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD 505	505
12-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD 505	505
12-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03	ORD 457	457
12-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.03	ORD -4,418	-4,418
12-Nov-24	BlackRock Investment Management, LLC	on mkt buy	3.03	ORD 9,559	9,559
12-Nov-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -1,167,455	-1,167,455
12-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 59,294	296,470
12-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,815	19,075
13-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,178	1,178
13-Nov-24	BlackRock Asset Management Canada Limited	on mkt buy	3.04	ORD 257,784	257,784
13-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.03	ORD 9,387	9,387
13-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.03	ORD 4,250	4,250
13-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.03	ORD -1,568	-1,568
13-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.04	ORD -9,704	-9,704
13-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.04	ORD 2,088	2,088

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13-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.04	ORD 1,089	1,089
13-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.04	ORD 3,267	3,267
13-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.04	ORD 6,530	6,530
13-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.04	ORD -2,209	-2,209
13-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.03	ORD -8,933	-8,933
13-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.03	ORD -45,948	-45,948
13-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 106,597	532,985
13-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 7,934	39,670
13-Nov-24	APERIO GROUP LLC	in specie	n/a	ORD 80,480	80,480
14-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD 24,191	24,191
14-Nov-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	3.03	ORD -4,310	-4,310
14-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.03	ORD -92,644	-92,644
14-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.03	ORD -74,147	-74,147
14-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -9,702	-9,702
14-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -4	-4
14-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.05	ORD 376	376
14-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.05	ORD 1,428	1,428
14-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.05	ORD 1,725	1,725
14-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.05	ORD 1,656	1,656
14-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.05	ORD -2,204	-2,204
14-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 77,908	389,540
14-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 24,408	122,040
14-Nov-24	APERIO GROUP LLC	in specie	n/a	ORD 133,784	133,784
15-Nov-24	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 147,321	147,321
15-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD -20,646	-20,646
15-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD -17,840	-17,840
15-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD 34,038	34,038
15-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD 26,535	26,535
15-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.06	ORD 7,125	7,125
15-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.05	ORD 842	842
15-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.05	ORD 5,664	5,664
15-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -2,209	-2,209
15-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.05	ORD 416	416
15-Nov-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.05	ORD 31,227	31,227
15-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05	ORD -18,350	-18,350
15-Nov-24	BlackRock Fund Advisors	on mkt buy	3.05	ORD 1,738	1,738
15-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.05	ORD -11,748	-11,748
15-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.02	ORD -54,443	-54,443
15-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.02	ORD -23,295	-23,295
15-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05	ORD -64,316	-64,316
15-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 139	139
15-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 89,308	446,540
15-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 3,296	16,480
15-Nov-24	APERIO GROUP LLC	in specie	n/a	ORD 196,011	196,011
15-Nov-24	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD -3,281	-3,281
17-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -139	-139
18-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD 14,970	14,970

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18-Nov-24	BlackRock Asset Management Deutschland AG	on mkt sell	3.15	ORD	-8,741	-8,741
18-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.15	ORD	-4,806	-4,806
18-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.15	ORD	698	698
18-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.15	ORD	2,792	2,792
18-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.15	ORD	3,839	3,839
18-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.15	ORD	1,976	1,976
18-Nov-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	3.13	ORD	-11,280	-11,280
18-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.13	ORD	-35,997	-35,997
18-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.13	ORD	-63,588	-63,588
18-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.13	ORD	-6,213	-6,213
18-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD	214,899	214,899
18-Nov-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD	27,336	27,336
18-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	56,844	284,220
18-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1	8,222	41,110
18-Nov-24	APERIO GROUP LLC	in specie	n/a	ORD	-9,569	-9,569
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10	ORD	-2,607	-2,607
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD	-9,753	-9,753
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD	-3,249	-3,249
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10	ORD	-1,751	-1,751
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10	ORD	-13,752	-13,752
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10	ORD	-2,679	-2,679
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10	ORD	-1,766	-1,766
19-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.10	ORD	-15,454	-15,454
19-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.10	ORD	-1,728	-1,728
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10	ORD	-5,711	-5,711
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10	ORD	-2,044	-2,044
19-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.10	ORD	-2,110	-2,110
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD	-3,901	-3,901
19-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.10	ORD	-3,357	-3,357
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD	-69,072	-69,072
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD	-9,728	-9,728
19-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.10	ORD	-1,591	-1,591
19-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.10	ORD	-1,804	-1,804
19-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.10	ORD	-2,177	-2,177
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD	-1,768	-1,768
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD	-1,904	-1,904
19-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.10	ORD	-2,030	-2,030
19-Nov-24	BlackRock Fund Advisors	on mkt sell	3.10	ORD	-6,066	-6,066
19-Nov-24	BlackRock Fund Advisors	on mkt sell	3.10	ORD	-4,093	-4,093
19-Nov-24	BlackRock Fund Advisors	on mkt sell	3.10	ORD	-15,338	-15,338
19-Nov-24	BlackRock Fund Advisors	on mkt sell	3.10	ORD	-66,159	-66,159
19-Nov-24	BlackRock Fund Advisors	on mkt sell	3.10	ORD	-47,321	-47,321
19-Nov-24	BlackRock Fund Advisors	on mkt sell	3.10	ORD	-26,387	-26,387
19-Nov-24	BlackRock Fund Advisors	on mkt sell	3.10	ORD	-21,943	-21,943
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10	ORD	-13,227	-13,227

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19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10 ORD -23,235	-23,235
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10 ORD -3,205	-3,205
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10 ORD -1,528	-1,528
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10 ORD -2,677	-2,677
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10 ORD -17,238	-17,238
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10 ORD -2,127	-2,127
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10 ORD -3,291	-3,291
19-Nov-24	BlackRock Fund Advisors	on mkt sell	3.10 ORD -1,934	-1,934
19-Nov-24	BlackRock Fund Advisors	on mkt sell	3.10 ORD -25,097	-25,097
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10 ORD -1,806	-1,806
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10 ORD -2,615	-2,615
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10 ORD -2,185	-2,185
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10 ORD -6,912	-6,912
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10 ORD -4,031	-4,031
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10 ORD -2,573	-2,573
19-Nov-24	BLACKROCK ADVISORS LLC	on mkt sell	3.10 ORD -12,404	-12,404
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10 ORD -2,231	-2,231
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10 ORD -5,278	-5,278
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10 ORD -1,838	-1,838
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10 ORD -1,771	-1,771
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10 ORD -6,245	-6,245
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10 ORD -9,110	-9,110
19-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.10 ORD -1,974	-1,974
19-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.10 ORD -496	-496
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10 ORD -788	-788
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10 ORD -1,431	-1,431
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10 ORD -1,411	-1,411
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10 ORD -754	-754
19-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.10 ORD -1,152	-1,152
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10 ORD -657	-657
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10 ORD -367	-367
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10 ORD -1,045	-1,045
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10 ORD -582	-582
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10 ORD -370	-370
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10 ORD -978	-978
19-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.10 ORD -773	-773
19-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.10 ORD -1,130	-1,130
19-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.10 ORD -501	-501
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10 ORD -545	-545
19-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.10 ORD -1,160	-1,160
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10 ORD -622	-622

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
19-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.10	ORD -719	-719
19-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.10	ORD -1,011	-1,011
19-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.10	ORD -1,490	-1,490
19-Nov-24	BlackRock Fund Advisors	on mkt sell	3.10	ORD -1,189	-1,189
19-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.10	ORD -1,322	-1,322
19-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.10	ORD -468	-468
19-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.10	ORD -317	-317
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10	ORD -456	-456
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10	ORD -1,139	-1,139
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10	ORD -1,275	-1,275
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10	ORD -727	-727
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.10	ORD -433	-433
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD -1,322	-1,322
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD -799	-799
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD -451	-451
19-Nov-24	BlackRock Fund Advisors	on mkt sell	3.10	ORD -1,414	-1,414
19-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.10	ORD -568	-568
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD -315	-315
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD -486	-486
19-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.10	ORD -1,196	-1,196
19-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.10	ORD -466	-466
19-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.10	ORD -1,114	-1,114
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10	ORD -465	-465
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10	ORD -660	-660
19-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.10	ORD -578	-578
19-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.10	ORD -1,125	-1,125
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.09	ORD -4	-4
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.09	ORD 2,124	2,124
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.09	ORD 1,044	1,044
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.09	ORD 2,088	2,088
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.09	ORD -2,209	-2,209
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.09	ORD 544	544
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.09	ORD 544	544
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.09	ORD 544	544
19-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.09	ORD 3,385	3,385
19-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -214,899	-214,899
19-Nov-24	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	ORD -27,336	-27,336
19-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 71,658	358,290
19-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 -3,823	-19,115
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05	ORD -2,706	-2,706
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD -10,121	-10,121
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD -3,371	-3,371
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05	ORD -1,819	-1,819

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20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05	ORD -14,271	-14,271
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -2,778	-2,778
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -1,833	-1,833
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05	ORD -1,486	-1,486
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05	ORD -1,466	-1,466
20-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.05	ORD -16,037	-16,037
20-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.05	ORD -1,196	-1,196
20-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.05	ORD -1,795	-1,795
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -5,926	-5,926
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -2,123	-2,123
20-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.05	ORD -2,190	-2,190
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD -4,048	-4,048
20-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.05	ORD -3,482	-3,482
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD -71,672	-71,672
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD -10,093	-10,093
20-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.05	ORD -1,678	-1,678
20-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.05	ORD -1,901	-1,901
20-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.05	ORD -1,192	-1,192
20-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.05	ORD -1,223	-1,223
20-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.05	ORD -2,295	-2,295
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD -1,836	-1,836
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD -1,976	-1,976
20-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.05	ORD -2,107	-2,107
20-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.05	ORD -1,548	-1,548
20-Nov-24	BlackRock Fund Advisors	on mkt sell	3.05	ORD -6,295	-6,295
20-Nov-24	BlackRock Fund Advisors	on mkt sell	3.05	ORD -4,247	-4,247
20-Nov-24	BlackRock Fund Advisors	on mkt sell	3.05	ORD -15,917	-15,917
20-Nov-24	BlackRock Fund Advisors	on mkt sell	3.05	ORD -68,649	-68,649
20-Nov-24	BlackRock Fund Advisors	on mkt sell	3.05	ORD -49,101	-49,101
20-Nov-24	BlackRock Fund Advisors	on mkt sell	3.05	ORD -27,381	-27,381
20-Nov-24	BlackRock Fund Advisors	on mkt sell	3.05	ORD -22,770	-22,770
20-Nov-24	BlackRock Fund Advisors	on mkt sell	3.05	ORD -1,234	-1,234
20-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.05	ORD -1,394	-1,394
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -13,726	-13,726
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -24,110	-24,110
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -1,183	-1,183
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -3,324	-3,324
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -1,587	-1,587
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -2,777	-2,777
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -17,888	-17,888
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -1,324	-1,324
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -2,209	-2,209
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -3,414	-3,414
20-Nov-24	BlackRock Fund Advisors	on mkt sell	3.05	ORD -2,008	-2,008
20-Nov-24	BlackRock Fund Advisors	on mkt sell	3.05	ORD -26,042	-26,042
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05	ORD -1,876	-1,876
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD -1,373	-1,373
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05	ORD -2,712	-2,712

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20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -2,268	-2,268
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -7,173	-7,173
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -4,183	-4,183
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -2,669	-2,669
20-Nov-24	BlackRock Fund Advisors	on mkt sell	3.05 ORD -1,468	-1,468
20-Nov-24	BLACKROCK ADVISORS LLC	on mkt sell	3.05 ORD -13,072	-13,072
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -2,314	-2,314
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -5,477	-5,477
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -1,909	-1,909
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -1,838	-1,838
20-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.05 ORD -1,242	-1,242
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05 ORD -6,480	-6,480
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05 ORD -9,453	-9,453
20-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.05 ORD -2,049	-2,049
20-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.05 ORD -517	-517
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05 ORD -818	-818
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05 ORD -784	-784
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05 ORD -683	-683
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05 ORD -382	-382
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05 ORD -1,085	-1,085
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05 ORD -606	-606
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -386	-386
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -1,015	-1,015
20-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.05 ORD -553	-553
20-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.05 ORD -815	-815
20-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.05 ORD -529	-529
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05 ORD -566	-566
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05 ORD -647	-647
20-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.05 ORD -747	-747
20-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.05 ORD -1,066	-1,066
20-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.05 ORD -1,151	-1,151
20-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.05 ORD -486	-486
20-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.05 ORD -331	-331
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05 ORD -474	-474
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05 ORD -756	-756
20-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.05 ORD -438	-438
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.05 ORD -451	-451
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -830	-830

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20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -470	-470
20-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.05 ORD -592	-592
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -328	-328
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -506	-506
20-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.05 ORD -491	-491
20-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.05 ORD -1,175	-1,175
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05 ORD -483	-483
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05 ORD -686	-686
20-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.05 ORD -602	-602
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.05 ORD -1,168	-1,168
20-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.05 ORD -2,694	-2,694
20-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.04 ORD -2,066	-2,066
20-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.03 ORD -23,084	-23,084
20-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.03 ORD -57,602	-57,602
20-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.03 ORD -4,383	-4,383
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03 ORD 8	8
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03 ORD 4	4
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03 ORD 8	8
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03 ORD 14	14
20-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.03 ORD 16	16
20-Nov-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 58,698	293,490
20-Nov-24	APERIO GROUP LLC	in specie	n/a ADR 5:1 5,619	28,095
20-Nov-24	APERIO GROUP LLC	in specie	n/a ORD -59,790	-59,790
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02 ORD -4,433	-4,433
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02 ORD -16,579	-16,579
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02 ORD -5,522	-5,522
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02 ORD -2,981	-2,981
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02 ORD -1,340	-1,340
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02 ORD -23,377	-23,377
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02 ORD -4,551	-4,551
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02 ORD -3,003	-3,003
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02 ORD -2,435	-2,435
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02 ORD -2,402	-2,402
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02 ORD -1,285	-1,285
21-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.02 ORD -26,271	-26,271
21-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.02 ORD -1,960	-1,960
21-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.02 ORD -2,940	-2,940
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02 ORD -1,119	-1,119
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02 ORD -9,707	-9,707
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02 ORD -1,778	-1,778
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02 ORD -993	-993
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02 ORD -3,478	-3,478

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
21-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.02	ORD -3,588	-3,588
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -1,663	-1,663
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -6,631	-6,631
21-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.02	ORD -5,704	-5,704
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -117,406	-117,406
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -16,534	-16,534
21-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.02	ORD -1,336	-1,336
21-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.02	ORD -2,749	-2,749
21-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.02	ORD -3,115	-3,115
21-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.02	ORD -1,953	-1,953
21-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.02	ORD -2,004	-2,004
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02	ORD -1,060	-1,060
21-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.02	ORD -1,225	-1,225
21-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.02	ORD -3,760	-3,760
21-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.02	ORD -1,746	-1,746
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -3,008	-3,008
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -3,238	-3,238
21-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.02	ORD -1,886	-1,886
21-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.02	ORD -3,452	-3,452
21-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.02	ORD -2,536	-2,536
21-Nov-24	BlackRock Fund Advisors	on mkt sell	3.02	ORD -10,312	-10,312
21-Nov-24	BlackRock Fund Advisors	on mkt sell	3.02	ORD -6,956	-6,956
21-Nov-24	BlackRock Fund Advisors	on mkt sell	3.02	ORD -26,073	-26,073
21-Nov-24	BlackRock Fund Advisors	on mkt sell	3.02	ORD -112,453	-112,453
21-Nov-24	BlackRock Fund Advisors	on mkt sell	3.02	ORD -80,433	-80,433
21-Nov-24	BlackRock Fund Advisors	on mkt sell	3.02	ORD -44,853	-44,853
21-Nov-24	BlackRock Fund Advisors	on mkt sell	3.02	ORD -37,300	-37,300
21-Nov-24	BlackRock Fund Advisors	on mkt sell	3.02	ORD -2,022	-2,022
21-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.02	ORD -2,284	-2,284
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -22,485	-22,485
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -39,495	-39,495
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -1,938	-1,938
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -5,445	-5,445
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -2,600	-2,600
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -4,548	-4,548
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -29,303	-29,303
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -2,170	-2,170
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -1,239	-1,239
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -3,619	-3,619
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -5,593	-5,593
21-Nov-24	BlackRock Fund Advisors	on mkt sell	3.02	ORD -3,289	-3,289
21-Nov-24	BlackRock Fund Advisors	on mkt sell	3.02	ORD -42,660	-42,660
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -3,073	-3,073
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -2,250	-2,250
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -4,443	-4,443
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -1,361	-1,361

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21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -3,715	-3,715
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -11,749	-11,749
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -6,852	-6,852
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -4,374	-4,374
21-Nov-24	BlackRock Fund Advisors	on mkt sell	3.02	ORD -2,405	-2,405
21-Nov-24	BLACKROCK ADVISORS LLC	on mkt sell	3.02	ORD -21,413	-21,413
21-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.02	ORD -970	-970
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -3,793	-3,793
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -8,972	-8,972
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -3,127	-3,127
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -3,012	-3,012
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.02	ORD -2,035	-2,035
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02	ORD -10,615	-10,615
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02	ORD -15,485	-15,485
21-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.02	ORD -1,925	-1,925
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02	ORD -1,123	-1,123
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02	ORD -986	-986
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -1,914	-1,914
21-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.02	ORD -3,358	-3,358
21-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.02	ORD -846	-846
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -627	-627
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -632	-632
21-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.02	ORD -907	-907
21-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.02	ORD -866	-866
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02	ORD -928	-928
21-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.02	ORD -796	-796
21-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.02	ORD -542	-542
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -776	-776
21-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.02	ORD -718	-718
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.02	ORD -738	-738
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -770	-770
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -538	-538
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.02	ORD -829	-829
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.02	ORD -804	-804
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.02	ORD -791	-791
21-Nov-24	BlackRock Fund Advisors	in specie	n/a	ORD 1,815	1,815

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.02	ORD 3,950	3,950
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.02	ORD -5,372	-5,372
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.01	ORD 4,849	4,849
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.01	ORD 9,698	9,698
21-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	3.01	ORD 16	16
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.01	ORD 650	650
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.01	ORD 167	167
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.01	ORD 527	527
21-Nov-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.01	ORD 11,793	11,793
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.01	ORD -33,147	-33,147
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.01	ORD 577	577
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.01	ORD 7,968	7,968
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.01	ORD 7,910	7,910
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.01	ORD 647	647
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.01	ORD 568	568
21-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.01	ORD 796	796
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.01	ORD 1,297	1,297
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.01	ORD 244	244
21-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.01	ORD -117,167	-117,167
21-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.01	ORD -76,207	-76,207
21-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.01	ORD -2,041	-2,041
21-Nov-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	3.01	ORD -5,021	-5,021
21-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD 18	18
21-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 25,585	127,925
21-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 2,683	13,415
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt buy	3.08	ORD 2,450	2,450
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -3,033	-3,033
22-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.08	ORD -579	-579
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -11,343	-11,343
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -3,778	-3,778
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -2,039	-2,039
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -916	-916
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -15,994	-15,994
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -3,113	-3,113
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -2,055	-2,055
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -1,666	-1,666

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22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -1,643	-1,643
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -879	-879
22-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.08	ORD -17,974	-17,974
22-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.08	ORD -1,341	-1,341
22-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.08	ORD -2,012	-2,012
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -765	-765
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -429	-429
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -6,641	-6,641
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -1,216	-1,216
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -679	-679
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -2,379	-2,379
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -432	-432
22-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.08	ORD -2,455	-2,455
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -1,138	-1,138
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -4,537	-4,537
22-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.08	ORD -3,903	-3,903
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -80,326	-80,326
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -11,312	-11,312
22-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ORD -620	-620
22-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.08	ORD -914	-914
22-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.08	ORD -1,881	-1,881
22-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.08	ORD -2,131	-2,131
22-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.08	ORD -1,336	-1,336
22-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.08	ORD -592	-592
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -635	-635
22-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.08	ORD -1,371	-1,371
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -725	-725
22-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ORD -838	-838
22-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.08	ORD -2,572	-2,572
22-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.08	ORD -1,195	-1,195
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -2,058	-2,058
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -2,215	-2,215
22-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ORD -1,290	-1,290
22-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ORD -2,362	-2,362
22-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ORD -1,735	-1,735
22-Nov-24	BlackRock Fund Advisors	on mkt sell	3.08	ORD -7,056	-7,056
22-Nov-24	BlackRock Fund Advisors	on mkt sell	3.08	ORD -4,759	-4,759
22-Nov-24	BlackRock Fund Advisors	on mkt sell	3.08	ORD -17,838	-17,838
22-Nov-24	BlackRock Fund Advisors	on mkt sell	3.08	ORD -76,938	-76,938
22-Nov-24	BlackRock Fund Advisors	on mkt sell	3.08	ORD -55,030	-55,030
22-Nov-24	BlackRock Fund Advisors	on mkt sell	3.08	ORD -30,687	-30,687
22-Nov-24	BlackRock Fund Advisors	on mkt sell	3.08	ORD -25,519	-25,519
22-Nov-24	BlackRock Fund Advisors	on mkt sell	3.08	ORD -1,383	-1,383
22-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.08	ORD -1,562	-1,562

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22-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.08	ORD -545	-545
22-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.08	ORD -371	-371
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -15,383	-15,383
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -27,021	-27,021
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -531	-531
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -1,326	-1,326
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -3,725	-3,725
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -1,778	-1,778
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -3,112	-3,112
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -20,048	-20,048
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -1,484	-1,484
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -847	-847
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -2,476	-2,476
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -3,827	-3,827
22-Nov-24	BlackRock Fund Advisors	on mkt sell	3.08	ORD -2,250	-2,250
22-Nov-24	BlackRock Fund Advisors	on mkt sell	3.08	ORD -29,187	-29,187
22-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ORD -491	-491
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -2,102	-2,102
22-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	3.08	ORD -505	-505
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -1,539	-1,539
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -3,040	-3,040
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -931	-931
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -2,542	-2,542
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -8,039	-8,039
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -4,688	-4,688
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -527	-527
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -2,993	-2,993
22-Nov-24	BlackRock Fund Advisors	on mkt sell	3.08	ORD -1,646	-1,646
22-Nov-24	BLACKROCK ADVISORS LLC	on mkt sell	3.08	ORD -14,650	-14,650
22-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	3.08	ORD -663	-663
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -368	-368
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -2,595	-2,595
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -6,139	-6,139
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -2,139	-2,139
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -2,060	-2,060
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -567	-567
22-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.08	ORD -1,392	-1,392
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -7,262	-7,262
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -10,594	-10,594
22-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.08	ORD -550	-550
22-Nov-24	BlackRock Investment Management, LLC	on mkt sell	3.08	ORD -1,317	-1,317
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -541	-541

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22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -768	-768
22-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	3.08	ORD -674	-674
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	3.08	ORD -1,309	-1,309
22-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	3.08	ORD -2,297	-2,297
22-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ORD -39,145	-39,145
22-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.08	ORD -30,816	-30,816
22-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.08	ORD -147,092	-147,092
22-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.08	ORD 346	346
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.08	ORD 1,076	1,076
22-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.08	ORD -3,483	-3,483
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.08	ORD 1,130	1,130
22-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.08	ORD 1,279	1,279
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.08	ORD 14,903	14,903
22-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.08	ORD 1,047	1,047
22-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	3.08	ORD 1,619	1,619
22-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.08	ORD 1,327	1,327
22-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.08	ORD 522	522
22-Nov-24	BlackRock Advisors (UK) Limited	collateral transfer	n/a	ORD -18	-18
22-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 50,417	252,085
22-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 7,515	37,575
22-Nov-24	APERIO GROUP LLC	in specie	n/a	ORD -21,641	-21,641
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -216,567	-216,567
25-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	2.98	ORD -41,384	-41,384
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -810,003	-810,003
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -269,798	-269,798
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -145,659	-145,659
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -65,475	-65,475
25-Nov-24	BlackRock Asset Management North Asia Limited	on mkt sell	2.98	ORD -26,508	-26,508
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -1,142,142	-1,142,142
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98	ORD -222,321	-222,321
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98	ORD -146,774	-146,774
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -525,859	-525,859
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -119,018	-119,018
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -117,365	-117,365
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -242,229	-242,229

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -62,795	-62,795
25-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	2.98	ORD -1,283,537	-1,283,537
25-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	2.98	ORD -95,780	-95,780
25-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	2.98	ORD -143,697	-143,697
25-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	2.98	ORD -13,429	-13,429
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98	ORD -54,680	-54,680
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98	ORD -30,656	-30,656
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98	ORD -15,866	-15,866
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98	ORD -9,088	-9,088
25-Nov-24	BLACKROCK ADVISORS LLC	on mkt sell	2.98	ORD -24,652	-24,652
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98	ORD -474,263	-474,263
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98	ORD -881,655	-881,655
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98	ORD -86,906	-86,906
25-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.98	ORD -10,845	-10,845
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98	ORD -48,522	-48,522
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98	ORD -169,949	-169,949
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -30,914	-30,914
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -23,085	-23,085
25-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	2.98	ORD -175,328	-175,328
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -81,295	-81,295
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -323,952	-323,952
25-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	2.98	ORD -278,673	-278,673
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -1,614,263	-1,614,263
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -5,736,061	-5,736,061
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -2,396,766	-2,396,766
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -807,811	-807,811
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98	ORD -44,337	-44,337
25-Nov-24	BlackRock Investment Management, LLC	on mkt sell	2.98	ORD -65,279	-65,279
25-Nov-24	BlackRock Investment Management, LLC	on mkt sell	2.98	ORD -134,334	-134,334
25-Nov-24	BlackRock Investment Management, LLC	on mkt sell	2.98	ORD -152,227	-152,227
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -48,919	-48,919
25-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	2.98	ORD -95,443	-95,443
25-Nov-24	BlackRock Investment Management, LLC	on mkt sell	2.98	ORD -42,352	-42,352
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -45,357	-45,357
25-Nov-24	BlackRock Investment Management, LLC	on mkt sell	2.98	ORD -97,957	-97,957
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -51,803	-51,803
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98	ORD -59,866	-59,866
25-Nov-24	BlackRock Investment Management, LLC	on mkt sell	2.98	ORD -183,712	-183,712
25-Nov-24	BlackRock Investment Management, LLC	on mkt sell	2.98	ORD -85,359	-85,359
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -147,018	-147,018
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -158,208	-158,208
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -6,389	-6,389

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98 ORD -92,191	-92,191
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98 ORD -168,710	-168,710
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98 ORD -123,949	-123,949
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -503,831	-503,831
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -339,862	-339,862
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -1,273,887	-1,273,887
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -5,494,069	-5,494,069
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -41,505	-41,505
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -3,929,667	-3,929,667
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -2,191,405	-2,191,405
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -270,583	-270,583
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -1,822,348	-1,822,348
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -98,818	-98,818
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -8,164	-8,164
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -2,633,255	-2,633,255
25-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	2.98 ORD -111,618	-111,618
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98 ORD -14,740	-14,740
25-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	2.98 ORD -38,931	-38,931
25-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	2.98 ORD -26,529	-26,529
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -9,201	-9,201
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -197,343	-197,343
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -1,098,545	-1,098,545
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -1,929,580	-1,929,580
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -10,503	-10,503
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -37,942	-37,942
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -94,709	-94,709
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -266,011	-266,011
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -127,038	-127,038
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -222,202	-222,202
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -1,431,668	-1,431,668
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -57,787	-57,787
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -106,049	-106,049
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -60,546	-60,546
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -176,851	-176,851
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -273,252	-273,252
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -160,729	-160,729
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -2,084,240	-2,084,240
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98 ORD -35,126	-35,126
25-Nov-24	BlackRock Investment Management, LLC	on mkt sell	2.98 ORD -330,076	-330,076
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -150,187	-150,187
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -36,110	-36,110
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98 ORD -1,003,334	-1,003,334
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98 ORD -109,945	-109,945
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98 ORD -217,044	-217,044
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98 ORD -66,505	-66,505
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98 ORD -181,557	-181,557
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98 ORD -574,038	-574,038
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98 ORD -334,780	-334,780

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -37,650	-37,650
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -213,685	-213,685
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98	ORD -117,556	-117,556
25-Nov-24	BLACKROCK ADVISORS LLC	on mkt sell	2.98	ORD -1,046,211	-1,046,211
25-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	2.98	ORD -47,404	-47,404
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -16,544	-16,544
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -3,523,606	-3,523,606
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -26,327	-26,327
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -1,689,331	-1,689,331
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -185,290	-185,290
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -8,730	-8,730
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -438,359	-438,359
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -152,813	-152,813
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -147,172	-147,172
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -40,512	-40,512
25-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.98	ORD -99,471	-99,471
25-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.98	ORD -8,166	-8,166
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -11,894	-11,894
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -23,345	-23,345
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -518,593	-518,593
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -756,560	-756,560
25-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	2.98	ORD -6,782	-6,782
25-Nov-24	BlackRock Investment Management, LLC	on mkt sell	2.98	ORD -10,729	-10,729
25-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	2.98	ORD -39,329	-39,329
25-Nov-24	BlackRock Investment Management, LLC	on mkt sell	2.98	ORD -94,085	-94,085
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -8,327	-8,327
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -38,696	-38,696
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -54,918	-54,918
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -48,205	-48,205
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98	ORD -26,197	-26,197
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98	ORD -93,534	-93,534
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98	ORD -546,095	-546,095
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98	ORD -214,720	-214,720
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98	ORD -1,088,654	-1,088,654

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
25-Nov-24	BlackRock Asset Management Canada Limited	on mkt sell	2.98 ORD -164,082	-164,082
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98 ORD -16,146	-16,146
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98 ORD -5,693	-5,693
25-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	2.98 ORD -1,645	-1,645
25-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	2.98 ORD -3,916	-3,916
25-Nov-24	BlackRock Japan Co., Ltd.	on mkt sell	2.98 ORD -1,379	-1,379
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98 ORD -2,343	-2,343
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98 ORD -3,690	-3,690
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	2.98 ORD -1,613	-1,613
25-Nov-24	BlackRock Fund Advisors	on mkt sell	2.98 ORD -5,405	-5,405
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -2,010	-2,010
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -2,132	-2,132
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -3,624	-3,624
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -416	-416
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -3,385	-3,385
25-Nov-24	BLACKROCK ADVISORS LLC	on mkt sell	2.98 ORD -4	-4
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98 ORD -2,507	-2,507
25-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	3.04 ORD 12,445	12,445
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt sell	2.98 ORD -423,688	-423,688
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt sell	2.98 ORD -13,679	-13,679
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98 ORD -84,889	-84,889
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt sell	2.98 ORD -181,450	-181,450
25-Nov-24	BLACKROCK CAPITAL MANAGEMENT INC	on mkt sell	3.04 ORD -3,373	-3,373
25-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt sell	3.04 ORD -71,451	-71,451
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt sell	3.04 ORD -34,987	-34,987
25-Nov-24	BlackRock Investment Management (UK) Limited	on mkt buy	2.98 ORD 339,018	339,018
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.98 ORD 283,761	283,761
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98 ORD 7,364,011	7,364,011
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98 ORD 257,782	257,782
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98 ORD 1,643,424	1,643,424
25-Nov-24	BlackRock Fund Advisors	on mkt buy	2.98 ORD 5,863,363	5,863,363
25-Nov-24	BlackRock Fund Advisors	on mkt buy	2.98 ORD 187,798	187,798
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.98 ORD 6,745	6,745
25-Nov-24	BlackRock Advisors (UK) Limited	on mkt buy	2.98 ORD 1,052,131	1,052,131
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98 ORD 408,682	408,682
25-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.98 ORD 394,343	394,343
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98 ORD 37,298	37,298
25-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.98 ORD 9,904	9,904
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98 ORD 33,519	33,519
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98 ORD 8,432	8,432

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98	ORD 517,440	517,440
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98	ORD 39,004	39,004
25-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.98	ORD 45,371	45,371
25-Nov-24	BlackRock Investment Management, LLC	on mkt buy	2.98	ORD 8,992	8,992
25-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.98	ORD 26,493	26,493
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98	ORD 49,615	49,615
25-Nov-24	BLACKROCK FINANCIAL MANAGEMENT INC	on mkt buy	2.98	ORD 14,025	14,025
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98	ORD 7,722	7,722
25-Nov-24	BlackRock Institutional Trust Company, National Association	on mkt buy	2.98	ORD 473,934	473,934
25-Nov-24	BlackRock Investment Management (Australia) Limited	on mkt buy	3.05	ORD 2,240	2,240
25-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 60,962	304,810
25-Nov-24	APERIO GROUP LLC	in specie	n/a	ADR 5:1 15,170	75,850

Investment Manager / Agent	Parties to the Derivative Fund	On Behalf of	Counterparty
BLACKROCK FINANCIAL MANAGEMENT INC	The 32 Capital (ERISA) Master Fund Ltd. - APAC Small Cap - Barclays CFD		BARCLAYS BANK PLC
BLACKROCK FINANCIAL MANAGEMENT INC	The 32 Capital (ERISA) Master Fund Ltd. - APAC Small Cap - BAML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT INC	The 32 Capital (ERISA) Master Fund Ltd. - Cross Border - Barclays CFD		BARCLAYS BANK PLC
BLACKROCK FINANCIAL MANAGEMENT INC	The 32 Capital (ERISA) Master Fund Ltd. - SLP - Barclays CFD		BARCLAYS BANK PLC
BLACKROCK FINANCIAL MANAGEMENT INC	The 32 Capital (ERISA) Master Fund Ltd. - SLP - BAML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT INC	The 32 Capital (ERISA) Master Fund Ltd. - SLP - Soc Gen CFD		SOCIETE GENERALE
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - APAC - BarCap CFD		BARCLAYS BANK PLC
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - APAC - Citi CFD		CITBK
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - APAC - GS CFD		Goldman Sachs Intl
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - APAC - JPM CFD		JP Morgan (JPMSW)
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - APAC - MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - AUS Market Neutral - UBS		UBS AG
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - Europe - Small Cap - BarCap CFD		BARCLAYS BANK PLC
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - Europe - Small Cap JPM CFD		JP Morgan (JPMSW)
BLACKROCK FINANCIAL MANAGEMENT INC	BlackRock Absolute Macro Master Fund - Barclays CFD		BARCLAYS BANK PLC
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Master Fund-Cap Markets-HSBC CFD		HSBBK
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Master Fund-Cap Markets-MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Master Fund Ltd Cross Border - GS CFD		Goldman Sachs Intl
BLACKROCK FINANCIAL MANAGEMENT INC	EMN BNH Fund LP - Cross Border HSBC CFD		HSBBK
BLACKROCK FINANCIAL MANAGEMENT INC	EMN BNH Fund LP - Liquidity Provision HSBC CFD		HSBBK
BLACKROCK FINANCIAL MANAGEMENT INC	EMN BNH Fund LP - Liquidity Provision MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT INC	Baldr Bayes Fund Inc. - APAC Large Cap - GS CFD		Goldman Sachs Intl
BLACKROCK FINANCIAL MANAGEMENT INC	Baldr Bayes Fund Inc. - APAC Large Cap - JPM CFD		JP Morgan (JPMSW)
BLACKROCK FINANCIAL MANAGEMENT INC	Baldr Bayes Fund Inc. - APAC Large Cap - MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT INC	Baldr Bayes Fund Inc. - APAC Small Cap - Barclays CFD		BARCLAYS BANK PLC
BLACKROCK FINANCIAL MANAGEMENT INC	Baldr Bayes Fund Inc. - APAC Small Cap - GS CFD		Goldman Sachs Intl
BLACKROCK FINANCIAL MANAGEMENT INC	Baldr Bayes Fund Inc. - APAC Small Cap - HSBC CFD		HSBBK
BLACKROCK FINANCIAL MANAGEMENT INC	Baldr Bayes Fund Inc. - APAC Small Cap - JPM CFD		JP Morgan (JPMSW)
BLACKROCK FINANCIAL MANAGEMENT INC	Baldr Bayes Fund Inc. - APAC Small Cap - ML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT INC	Baldr Bayes Fund Inc. - APAC Small Cap - MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT INC	Baldr Bayes Fund Inc. - EU Mid Horizon - HSBC CFD		HSBBK
BLACKROCK INSTITUTIONAL TRUST CO NA	Pan Asia Opportunities Master Fund Ltd. APAC - JPM CFD		JP Morgan (JPMSW)
BLACKROCK INSTITUTIONAL TRUST CO NA	Pan Asia Opportunities Master Fund Ltd. APAC - ML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	Pan Asia Opportunities Master Fund Ltd. APAC - UBS CFD		UBS AG
BLACKROCK INSTITUTIONAL TRUST CO NA	Pan Asia Opportunities Master Fund Ltd. Small Mid - Citi CFD		CITBK
BLACKROCK INSTITUTIONAL TRUST CO NA	Pan Asia Opportunities Master Fund Ltd. Small Mid - GS CFD		Goldman Sachs Intl
BLACKROCK INSTITUTIONAL TRUST CO NA	Pan Asia Opportunities Master Fund Ltd Small Mid - JPM CFD		JP Morgan (JPMSW)
BLACKROCK INSTITUTIONAL TRUST CO NA	Pan Asia Opportunities Master Fund Ltd. Small Mid - UBS CFD		UBS AG
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF BLK Syst Asia Pac Eq Absolute Return - Large Cap Citi CFD		CITBK
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF BLK Syst Asia Pac Eq Absolute Return - Large Cap HSBC CFD		HSBBK
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF BLK Syst Asia Pac Eq Absolute Return - Large Cap JPM CFD		JP Morgan (JPMSW)
BLACKROCK INSTITUTIONAL TRUST CO NA	SAE Liquidity Fund - Cross Border - MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - APAC Large Cap - Barclays CFD		BARCLAYS BANK PLC
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - APAC Large Cap - BNP CFD		BNP PARIBAS
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - APAC Large Cap - HSBC CFD		HSBBK
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - APAC Large Cap - JPM CFD		JP Morgan (JPMSW)
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - APAC Large Cap - ML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - APAC Small Cap - Barclays CFD		BARCLAYS BANK PLC
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - APAC Small Cap - BNP CFD		BNP PARIBAS
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - APAC Small Cap - HSBC CFD		HSBBK
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - APAC Small Cap - JPM CFD		JP Morgan (JPMSW)
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - APAC Small Cap - ML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - Cross Border - Barclays CFD		BARCLAYS BANK PLC
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - EU Mid Horizon - JPM CFD		JP Morgan (JPMSW)
BLACKROCK FINANCIAL MANAGEMENT INC	Systematic Total Alpha. - EU Mid Horizon - ML CFD		MERRILL LYNCH INTERNATIONAL

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