## Form 604

**Corporations Act 2001** Section 671B

# Notice of change of interests of substantial holder

PERPETUAL L	TD
000 431 827	
(1)	Group (BlackRock Inc. and subsidiaries named in Annexures
of the	27 / 11 / 2023
company on	02 /10 / 2023
company on	
	000 431 827 1) BlackRock G to this f of the

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
ORD	8,258,968	7.34	6,308,829	5.56

# 3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
	See Annexure A & D				

#### 4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
	See Annexure B				

#### 5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association

6. Addresses

The addresses of persons named in this form are as follows:

Name	Address	
Annexure C		

print name Emma Okoniewski	capacity *Authorised				1 Signatory	
sign here	date	29 /	11	/2023		

sign here

\* At a meeting of the Board on 22 November 2013, the Directors resolved to approve the delegation of the preparation and lodgement of substantial shareholder notices on behalf of BlackRock Investment Management (Australia) Limited.

#### DIRECTIONS

If there are a number of substantial holders with similar or related relevant interests (eq. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 6 of the form

See the definition of "associate" in section 9 of the Corporations Act 2001.

See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.

The voting shares of a company constitute one class unless divided into separate classes.

The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.

#### Include details of:

- (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
- any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to (b) which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.

Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

- If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

This is Annexure A of 4 pages referred to in form 604 Notice of change of interests of substantial shareholder

29-Nov-23
Emma Okoniewski, Date
Authorised Signatory

### 5. Consideration

		PERPETUAL L	TD (PPT)					
Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		ССҮ	Class and number of securities affected		Person's votes affected	
29-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	428	428	
29-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.95	AUD	ORD	8,196	8,196	
29-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.95	AUD	ORD	2,911	2,911	
29-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.95	AUD	ORD	3,908	3,908	
29-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	20.95	AUD	ORD	-6,417	-6,417	
29-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt sell	20.95	AUD	ORD	-844	-844	
29-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,814,629	1,814,629	
29-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,815,000	-1,815,000	
02-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	20.84	AUD	ORD	2,961	2,961	
02-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	20.85	AUD	ORD	3,227	3,227	
02-Oct-23	BlackRock Fund Advisors	on mkt buy	20.85	AUD	ORD	7,506	7,506	
02-Oct-23	BlackRock Fund Advisors	on mkt buy	20.85	AUD	ORD	7,506	7,506	
02-Oct-23 02-Oct-23	BlackRock Fund Advisors BlackRock Advisors (UK) Limited	on mkt buy collateral transfer	20.85	AUD	ORD ORD	-1,817,467	115 -1,817,467	
02-Oct-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a n/a	AUD	ORD	1,815,000	1,815,000	
03-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,380	-5,380	
03-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.36	AUD	ORD	1,140	1,140	
03-Oct-23	BlackRock Advisors (UK) Limited	on mkt buy	20.36	AUD	ORD	708	708	
03-Oct-23	BlackRock Asset Management Deutschland AG	on mkt buy	20.36	AUD	ORD	2,377	2,377	
03-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.36	AUD	ORD	1,233	1,233	
04-Oct-23	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-16,277	-16,277	
04-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.10	AUD	ORD	1,140	1,140	
04-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.10	AUD	ORD	5,096	5,096	
04-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.10	AUD	ORD	1,243	1,243	
04-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,815,000	1,815,000	
04-Oct-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,815,000	-1,815,000	
05-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	412	412	
05-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,395	1,395	
05-Oct-23	BlackRock Asset Management Deutschland AG	on mkt buy	20.07	AUD	ORD	1,348	1,348	
05-Oct-23	BlackRock Investment Management (UK) Limited	on mkt buy	20.07	AUD	ORD	7,949	7,949	
05-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-14,000	-14,000	
06-Oct-23 06-Oct-23	BlackRock Fund Advisors BlackRock Investment Management	in specie on mkt buy	n/a 20.01	AUD	ORD ORD	1,820 1,596	1,820 1,596	
06-Oct-23	(Australia) Limited BlackRock Asset Management	on mkt buy	20.01	AUD	ORD	1,349	1,349	
06-Oct-23	Deutschland AG BlackRock Investment Management	on mkt sell	20.01	AUD	ORD	-1,312		
06-Oct-23	(Australia) Limited BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,512	-1,312 -1,500	
09-Oct-23	BlackRock Investment Management	on mkt buy	20.00	AUD	ORD	-1,500	- 1,500	
09-Oct-23	(Australia) Limited BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,799,500	-1,799,500	
09-Oct-23	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	1,795,100	1,795,100	
00 00-20	Limited		174	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.00	1,100,100	1,700,100	

10-0-123         BlackRock Avisors (UK) Limited on mit bay         20.2         AUD         ORD         10-4           10-0-123         BlackRock Avisors (UK) Limited on mit bay         20.48         AUD         ORD         18           10-0-123         BlackRock Avisors (UK) Limited on mit bay         20.48         AUD         ORD         4.3           10-0-123         BlackRock Investment Management (UK) collideral transfer         n/a         AUD         ORD         4.3           11-0-123         BlackRock Investment Management (UK) collideral transfer         n/a         AUD         ORD         4.3           11-0-123         BlackRock Avisors (UK) Limited on mit sall         20.46         AUD         ORD         764.58           11-0-123         BlackRock Avisors (UK) Limited on mit bay         20.77         AUD         ORD         764.58           12-0-123         BlackRock Investment Management (UK) collateral transfer         n/a         AUD         ORD         764.58           12-0-123         BlackRock Investment Management (UK) collateral transfer         n/a         AUD         ORD         764.58           12-0-123         BlackRock Investment Management (UK) collateral transfer         n/a         AUD         ORD         764.58           12-0-123         BlackRock Investm	te of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	CCY		number of s affected	Person's votes affected	
10-0c23         BlackRock Investment Management (Mastralia) Limited         on mkt buy         20.23         AUD         ORD         16.4           10-0c123         BlackRock Investment Management (Mastralia) Limited         on mkt sell         20.48         AUD         ORD         -5.33           10-0c123         BlackRock Investment Management (LK)         colinatial transfer         n/a         AUD         ORD         -4.80           11-0c123         BlackRock Advisors (UK) Limited         on mkt sell         20.46         AUD         ORD         -1.16           11-0c123         BlackRock Advisors (UK) Limited         on mkt sell         20.46         AUD         ORD         -764.95           11-0c123         BlackRock Investment Management         on mkt buy         20.77         AUD         ORD         -764.95           12-0c123         BlackRock Investment Management         on mkt buy         20.77         AUD         ORD         -764.95           12-0c123         BlackRock Investment Management         on mkt buy         20.77         AUD         ORD         -764.95           12-0c123         BlackRock Investment Management         on mkt buy         20.53         AUD         ORD         -764.95           12-0c123         BlackRock Investment Management	10-Oct-23 E	BlackRock Fund Advisors			AUD	ORD	-2,730	-2,73	
(Australia) Limited         on mix sell         20.48         AUD         ORD         4.88           10-0c1-23         BiackRock Investment Management (UK)         onliateral transfer         n/a         AUD         ORD         4.88           11-0c1-23         BiackRock Avisons (UK) Limited         on mkt sell         20.46         AUD         ORD         1.11           11-0c1-23         BiackRock Avisons (UK) Limited         on mkt sell         20.46         AUD         ORD         1.11           11-0c1-23         BiackRock Avisons (UK) Limited         on mkt sell         20.46         AUD         ORD         7.14.95           11-0c1-23         BiackRock Avisons (UK) Limited         on mkt sell         20.477         AUD         ORD         7.14.95           12-0c1-23         BiackRock Avisons (UK) Limited         on mkt sell         20.77         AUD         ORD         7.64.95           12-0c1-23         BiackRock Avisons (UK) Limited         collateral transfer         n/a         AUD         ORD         7.64.95           12-0c1-23         BiackRock Avisons (UK) Limited         on mkt sell         20.53         AUD         ORD         1.96           13-0c1-23         BiackRock Avisons (UK) Limited         on mkt sell         20.53         AUD	10-Oct-23 E	BlackRock Advisors (UK) Limited	on mkt buy	20.20	AUD	ORD	10,411	10,41	
10-0c1/23         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -4,80           11-0c1/23         BlackRock Investment Management         on mik buy         20.46         AUD         ORD         3.12           11-0c1/23         BlackRock Advisors (UK) Linited         on mik sell         20.46         AUD         ORD         1.16           11-0c1/23         BlackRock Advisors (UK) Linited         collateral transfer         n/a         AUD         ORD         7.164,05           12-0c1/23         BlackRock Investment Management         on mik buy         20.77         AUD         ORD         1.06           12-0c1/23         BlackRock Investment Management         on mik buy         20.77         AUD         ORD         7.64,95           12-0c1/23         BlackRock Advisors (UK) Linited         collateral transfer         n/a         AUD         ORD         3.21,75           13-0c1/23         BlackRock Advisors (UK) Linited         on mik sell         20.53         AUD         ORD         3.41,75           13-0c1/23         BlackRock Advisors (UK) Linited         on mik sell         20.53         AUD         ORD         1.16           16-0c1/23         BlackRock Advisors (UK) Linited         on mik sell <td>10-Oct-23 E</td> <td>BlackRock Investment Management</td> <td>,</td> <td></td> <td></td> <td></td> <td>182</td> <td>18</td>	10-Oct-23 E	BlackRock Investment Management	,				182	18	
Limited 11-Qct-23 BackRock Investment Management on mkt buy 20.46 AUD ORD 32 11-Qct-23 BackRock Advisors (UK) Limited on mkt seil 20.46 AUD ORD 764.95 11-Qct-23 BackRock Advisors (UK) Limited on mkt seil 20.46 AUD ORD 764.95 11-Qct-23 BackRock Investment Management OK Ocluteral tansfer n'a AUD ORD 764.95 12-Qct-23 BackRock Investment Management on mkt buy 20.77 AUD ORD 72 12-Qct-23 BackRock Investment Management on mkt buy 20.77 AUD ORD 72 12-Qct-23 BackRock Investment Management on mkt buy 20.77 AUD ORD 72 12-Qct-23 BackRock Investment Management on mkt buy 20.77 AUD ORD 72 12-Qct-23 BackRock Investment Management on mkt buy 20.77 AUD ORD 72 12-Qct-23 BackRock Investment Management on mkt buy 20.77 AUD ORD 72 12-Qct-23 BackRock Investment Management on mkt buy 20.77 AUD ORD 72 12-Qct-23 BackRock Advisors (UK) Limited collateral transfer n'a AUD ORD 72 12-Qct-23 BackRock Advisors (UK) Collateral transfer n'a AUD ORD 72 13-Qct-23 BackRock Advisors (UK) Collateral transfer n'a AUD ORD 72 14-Qct 2 BackRock Advisors (UK) Collateral transfer n'a AUD ORD 72 14-Qct 2 BackRock Advisors (UK) Collateral transfer n'a AUD ORD 74 443,16 6-Qct-23 BackRock Advisors (UK) Limited on mkt seil 20.53 AUD ORD 1,16 6-Qct-23 BackRock Knowstnent Management on mkt seil 20.53 AUD ORD 1,16 6-Qct-23 BackRock Knowstnent Management On mkt seil 20.53 AUD ORD 1,16 6-Qct-23 BackRock Knowstnent Management On mkt seil 20.53 AUD ORD 1,16 6-Qct-23 BackRock Knowstnent Management ON Nt seil 20.53 AUD ORD 1,16 6-Qct-23 BackRock Knowstnent Management ON Nt seil 20.53 AUD ORD 1,16 6-Qct-23 BackRock Knowstnent Management ON ON EX	10-Oct-23 E	BlackRock Advisors (UK) Limited	on mkt sell	20.48	AUD	ORD	-532	-53	
11-0ct/33         BlackRock Advisors (UK) Limited         on mik buy         20.46         AUD         ORD         33           11-0ct/33         BlackRock Advisors (UK) Limited         on mik sell         20.46         AUD         ORD         7.16,65           11-0ct/33         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         7.64,95           12-0ct/33         BlackRock Investment Management         on mik buy         20.77         AUD         ORD         7.64,95           12-0ct/33         BlackRock Investment Management         on mik buy         20.77         AUD         ORD         7.72           12-0ct/34         BlackRock Investment Management         on mik buy         20.77         AUD         ORD         7.84           12-0ct/34         BlackRock Investment Management         on mik buy         20.77         AUD         ORD         7.84           12-0ct/34         BlackRock Investment Management         on mik buy         20.53         AUD         ORD         21.79           13-0ct-23         BlackRock Advisors (UK) Limited         on mik buy         20.53         AUD         ORD         1.16           16-0ct-23         BlackRock Advisors (UK) Limited         on mik sell         20.53	10-Oct-23 E	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-4,800	-4,80	
(Australe)         (Australe)           11-0c-123         BlackRock Advisors (UK) Limited         on mixt sell         20.46         AUD         ORD         7-64.95           11-0c-123         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         7-64.95           12-0c-123         BlackRock Investment Management         on mixt buy         20.77         AUD         ORD         7-764.95           12-0c-123         BlackRock Investment Management         on mixt buy         20.77         AUD         ORD         7-764.95           12-0c-123         BlackRock Investment Management         on mixt buy         20.77         AUD         ORD         7-764.95           12-0c-123         BlackRock Investment Management         on mixt buy         20.77         AUD         ORD         3-764.95           13-0c-23         BlackRock Investment Management         on mixt sell         20.53         AUD         ORD         443.16           16-0c-24         BlackRock Investment Management         on mixt sell         20.53         AUD         ORD         14           16-0c-23         BlackRock Advisors (UK) Limited         on mixt sell         20.53         AUD         ORD         11           16-0c-243									
11-Oct23       BlackRock Advisors (UK) lumited       collateral transfer       n'a       AUD       ORD       .764.95         12-Oct23       BlackRock Advisors (UK) lumited       on mkt buy       20.77       AUD       ORD       .764.95         12-Oct23       BlackRock Investment Management       on mkt buy       20.77       AUD       ORD       .764.95         12-Oct23       BlackRock Investment Management       on mkt buy       20.77       AUD       ORD       .764.95         12-Oct23       BlackRock Investment Management       on mkt buy       20.77       AUD       ORD       .764.95         12-Oct23       BlackRock Investment Management       on mkt ball       20.53       AUD       ORD       .764.95         12-Oct23       BlackRock Advisors (UK) Limited       collateral transfer       n'a       AUD       ORD       .443.16         16-Oct23       BlackRock Investment Management       on mkt sell       20.53       AUD       ORD       .443.16         16-Oct23       BlackRock Advisors (UK) Limited       on mkt sell       20.53       AUD       ORD       .411.16         16-Oct23       BlackRock Advisors (UK) Limited       on mkt sell       20.53       AUD       ORD       .421.172         16-Oct23		5	on mkt buy	20.46	AUD	ORD	322	32	
11-0c123       BlackRock Investment Management (UK)       collateral transfer       na       AUD       ORD       -764.95         12-0c123       BlackRock Investment Management on mit buy       20.77       AUD       ORD       1.08         12-0c123       BlackRock Investment Management on mit buy       20.77       AUD       ORD       72         12-0c123       BlackRock Investment Management on mit buy       20.77       AUD       ORD       764.95         12-0c123       BlackRock Investment Management (UK)       collateral transfer       n'a       AUD       ORD       7764.95         12-0c123       BlackRock Investment Management (UK)       collateral transfer       n'a       AUD       ORD       764.95         12-0c123       BlackRock Investment Management (UK)       collateral transfer       n'a       AUD       ORD       784.95         12-0c123       BlackRock Advisors (UK) Limited       on mit sell       20.53       AUD       ORD       -54         16-0c123       BlackRock Advisors (UK) Limited       on mit sell       20.53       AUD       ORD       -17.16         16-0c123       BlackRock Advisors (UK) Limited       on mit sell       20.53       AUD       ORD       -17.17         16-0c123       BlackRock Advisors (UK)	11-Oct-23 E	3lackRock Advisors (UK) Limited	on mkt sell	20.46	AUD	ORD	-1,164	-1,16	
Limited 12-0c123 BiackRock Investment Management (Austala) Limited 13-0c123 BiackRock Investment Management (LW) collateral transfer 14-0c123 BiackRock Investment Management 15-0c123 BiackRock Investment Management 16-0c123 BiackRock Advisors (LW) Limited 16-0c123 BiackRock Advisors (LW) Limited 17-0c123 BiackRock Advisors (LW) Limited 16-0c123 BiackRock Advisors (LW) Limited 17-0c123 BiackRock Advisors (LW) Limited 17-0c123 BiackRock Advisors (LW) Limited 17-0c123 BiackRock Advisors (LW) Limited 18-0c123 BiackRock Advisors (LW) Limited 19-0c123 BiackRock Advisors (LW) Limited 19-0c123 BiackRock Advisors (LW) Limited 19-0c123 BiackRock Advisors (LW) Limited 10-0c123 BiackRock Advisors (LW) Limited 10-0c123 BiackRock Advisors (LW) Limited 10-0c123 BiackRock Advisors (LW) Limited 10-0c123 BiackRock Inves	11-Oct-23 E	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	764,958	764,95	
12-0c123     BlockRock Investment Management (Australia) Limited     on mikt buy     20.77     AUD     ORD     1.08       12-0c123     BlockRock Investment Management (Australia) Limited     on mikt buy     20.77     AUD     ORD     72       412-0c123     BlockRock Investment Management (Limited)     on mikt buy     20.77     AUD     ORD     68       12-0c123     BlockRock Investment Management (Limited)     on mikt buy     20.77     AUD     ORD     724       12-0c123     BlockRock Advisors (UK) Limited     collateral transfer     n'a     AUD     ORD     746       12-0c123     BlockRock Advisors (UK) collateral transfer     n'a     AUD     ORD     443.16       12-0c123     BlockRock Advisors (UK) Imited     on mikt sell     20.53     AUD     ORD     1.61       12-0c123     BlockRock Advisors (UK) Limited     on mikt sell     20.53     AUD     ORD     1.16       12-0c123     BlockRock Advisors (UK) Limited     on mikt sell     20.53     AUD     ORD     1.17       12-0c123     BlockRock Advisors (UK) Limited     collateral transfer     n'a     AUD     ORD     1.16       12-0c123     BlockRock Advisors (UK) Limited     collateral transfer     n'a     AUD     ORD     1.22       12-0c123<	11-Oct-23 E	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-764,958	-764,95	
(Australia) Limited         (Australia) Limited           12-Oct-23         BiackRock Investment Management         on mikt buy         20.77         AUD         ORD         72           12-Oct-23         BiackRock Investment Management         on mikt buy         20.77         AUD         ORD         764.95           12-Oct-23         BiackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         321.75           13-Oct-23         BiackRock Investment Management         on mikt sell         20.53         AUD         ORD         443.16           16-Oct-23         BiackRock Investment Management         on mikt sell         20.53         AUD         ORD         -116           16-Oct-23         BiackRock Advisors (UK) Limited         on mikt sell         20.53         AUD         ORD         -117           16-Oct-23         BiackRock Advisors (UK) Limited         on mikt sell         20.53         AUD         ORD         -117           16-Oct-23         BiackRock Advisors (UK) Limited         on mikt sell         20.53         AUD         ORD         -17.65           16-Oct-23         BiackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         -17.65           16-Oct-			on mkt buy	20.77	AUD	ORD	1,092	1,09	
(Australia) Limited       0n mik buy       20.77       AUD       ORD       688         12-Oct-23       BiacRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       764.95         13-Oct-23       BiacRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       321.75         13-Oct-23       BiacRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       443.16         14-Oct-23       BiacRock Investment Management on mkt sell       20.53       AUD       ORD       18         16-Oct-23       BiacRock Aroson (UK) Limited on mkt sell       20.53       AUD       ORD       -1.16         16-Oct-23       BiacRock Aroson (UK) Limited on mkt sell       20.53       AUD       ORD       -1.17         16-Oct-23       BiacRock Aroson (UK) Limited on mkt sell       20.53       AUD       ORD       -1.74         16-Oct-23       BiacRock Aroson (UK) Limited on mkt sell       20.53       AUD       ORD       -1.62         17-Oct-23       BiacRock Aroson (UK) Limited on tht sell       20.36       AUD       ORD       -1.52         17-Oct-23       BiacRock Aroson (UK) Limited on tht sell       20.36       AUD       ORD       -1.77	$\rightarrow$ (	Australia) Limited							
12-0ct-23       BlackRock Investment Management       on mkt buy       20.77       AUD       ORD       68         12-0ct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       724.95         12-0ct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       444.16         13-0ct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       444.16         16-0ct-23       BlackRock Investment Management       on mkt sell       20.53       AUD       ORD       416         16-0ct-23       BlackRock Advisore (UK) Limited       on mkt sell       20.53       AUD       ORD       116         16-0ct-23       BlackRock Advisore (UK) Limited       on mkt sell       20.53       AUD       ORD       117         16-0ct-23       BlackRock Advisore (UK) Limited       on mkt sell       20.53       AUD       ORD       117         16-0ct-23       BlackRock Advisore (UK) Limited       collateral transfer       n/a       AUD       ORD       125         17-0ct-23       BlackRock Advisore (UK) Limited       collateral transfer       n/a       AUD       ORD       129         17-0ct-2		5	on mkt buy	20.77	AUD	ORD	728	72	
12-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         724.95           12-Oct-23         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         321.75           13-Oct-23         BlackRock Investment Management         on mkt sell         20.53         AUD         ORD         -54           16-Oct-23         BlackRock Investment Management         on mkt sell         20.53         AUD         ORD         -16           16-Oct-23         BlackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         -11.66           16-Oct-23         BlackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         -11.74           16-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         662.10           116-Oct-23         BlackRock Kock Visors (UK) Limited         collateral transfer         n/a         AUD         ORD         1.28           17-Oct-23         BlackRock Kock Visors (UK) Limited         collateral transfer         n/a         AUD         ORD         1.29           17-Oct-23         BlackRock Kock Advisors (UK) Limited	12-Oct-23 E	BlackRock Investment Management	on mkt buy	20.77	AUD	ORD	684	68	
12-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       321,75         13-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       443,16         16-Oct-23       BlackRock Investment Management (UK)       on mkt sell       20.53       AUD       ORD       -54         16-Oct-23       BlackRock Advisors (UK) Limited on mkt sell       20.53       AUD       ORD       -1,16         16-Oct-23       BlackRock Advisors (UK) Limited on mkt sell       20.53       AUD       ORD       -1,17         16-Oct-23       BlackRock Advisors (UK) Limited on mkt sell       20.53       AUD       ORD       -1,16         10-Oct-23       BlackRock Advisors (UK) Limited on mkt sell       20.53       AUD       ORD       -1,26         110-Oct-23       BlackRock Advisors (UK) Limited on mkt sell       20.36       AUD       ORD       -1,27         110-Oct-23       BlackRock Advisors (UK) Limited on mkt sell       20.36       AUD       ORD       -1,77         17-Oct-23       BlackRock Advisors (UK) Limited on mkt sell       20.36       AUD       ORD       -1,77         17-Oct-23       BlackRock Advisors (UK) Limited collateral transfer n/a       AUD			collateral transfer	n/a		ORD	-764 059	-764.95	
Limited         Limited           13-Oct-23         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         443,16           16-Oct-23         BlackRock Investment Management         on mkt sell         20.63         AUD         ORD         -54           16-Oct-23         BlackRock Investment Management         on mkt sell         20.53         AUD         ORD         18           16-Oct-23         BlackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         17           16-Oct-23         BlackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         17           16-Oct-23         BlackRock Advisors (UK) Limited         conlateral transfer         n/a         AUD         ORD         17           17-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         1.28           17-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         1.29           17-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         1.27           17-Oct-23								321,79	
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(Australia) Limited         on mkt buy         20.53         AUD         ORD         18           16-Oct-23         BlackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         -1,16           16-Oct-23         BlackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         -1,174           16-Oct-23         BlackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         -1,174           16-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -662.10           17-Oct-23         BlackRock Advisors         Inited         collateral transfer         n/a         AUD         ORD         -127           17-Oct-23         BlackRock Advisors         Inited         collateral transfer         n/a         AUD         ORD         1.72           17-Oct-23         BlackRock Advisors         Inited         collateral transfer         n/a         AUD         ORD         1.71           17-Oct-23         BlackRock Advisors         INO inited         collateral transfer         n/a         AUD         ORD         1.79           18-Oct-23         BlackRock Advisors         INO insetteral tr	)) L	Limited					,	443,16	
(Australia) Limited       on mkt sell       20.53       AUD       ORD       -1,16         16-Oct-23       BlackRock Advisors (UK) Limited       on mkt sell       20.53       AUD       ORD       -1,74         16-Oct-23       BlackRock Advisors (UK) Limited       on mkt sell       20.53       AUD       ORD       -11         16-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -662.10         17-Oct-23       BlackRock Fund Advisors       in specie       n/a       AUD       ORD       -1.59         17-Oct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -1.77         17-Oct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -1.77         17-Oct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -1.77         18-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -77.71         18-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -79.81         18-Oct-23       BlackR			on mkt sell	20.53	AUD	ORD	-546	-54	
16-Oct-23         BlackRock Advisors (UK) Limited         on mkt sell         20.53         AUD         ORD         1.17           16-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         662,10           16-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         662,10           17-Oct-23         BlackRock Advisors (UK) Limited         on mkt sell         20.36         AUD         ORD         1.29           17-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         1.77           17-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         1.77           17-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         1.79           18-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         679,81           18-Oct-23         BlackRock Investment Management         on mkt buy         20.28         AUD         ORD         1.790,29           19-Oct-23         BlackRock Investment Management         on		5	on mkt buy	20.53	AUD	ORD	182	18	
16-Oct-23         BlackRock Fund Advisors         on mkt buy         20.53         AUD         ORD         611           16-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         662,10           16-Oct-23         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -682,10           17-Oct-23         BlackRock Advisors (UK) Limited         on mkt sell         20.36         AUD         ORD         -1.52           17-Oct-23         BlackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -1.71           16-Oct-23         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -1.71           18-Oct-23         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -1.22           18-Oct-23         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -679,81           18-Oct-23         BlackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -1,790,29           19-Oct-23         BlackRock Investment Ma	16-Oct-23 E	BlackRock Advisors (UK) Limited	on mkt sell	20.53	AUD	ORD	-1,164	-1,16	
16-Oct-23         BiackRock Fund Advisors         on mkt buy         20.53         AUD         ORD         11           16-Oct-23         BiackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -662,10           16-Oct-23         BiackRock Fund Advisors         in specie         n/a         AUD         ORD         -662,10           17-Oct-23         BiackRock Advisors (UK) Limited         on mkt sell         20.36         AUD         ORD         -1.25           17-Oct-23         BiackRock Advisors (UK) Limited         collateral transfer         n/a         AUD         ORD         -1.77           17-Oct-23         BiackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -17.71           18-Oct-23         BiackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -17.91           18-Oct-23         BiackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -679.81           18-Oct-23         BiackRock Investment Management (UK)         collateral transfer         n/a         AUD         ORD         -1.790.29           19-Oct-23         BiackRock Investment Management (UK)	16-Oct-23 E	BlackRock Advisors (UK) Limited	on mkt sell	20.53	AUD	ORD	-1,746	-1,74	
16-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       662,10         17-Oct-23       BlackRock Fund Advisors       in specie       n/a       AUD       ORD       .662,10         17-Oct-23       BlackRock Advisors (UK) Limited       on mkt sell       20.36       AUD       ORD       .17.7         17-Oct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       .17.71         17-Oct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       .17.71         18-Oct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       .17.71         18-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       .679.81         18-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       .1790.29         19-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       .1790.29         19-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD		· · · · ·	on mkt buv	20.53		ORD	116		
16-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -662,10         17-Oct-23       BlackRock Fund Advisors       in specie       n/a       AUD       ORD       1,29         17-Oct-23       BlackRock Advisors (UK) Limited       on mkt sell       20,36       AUD       ORD       -1,59         17-Oct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -1,71         18-Oct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -679,81         18-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -679,81         18-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       1,790,29         19-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       1,790,29         19-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -2,43         20-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>662,105</td><td>662,10</td></t<>							662,105	662,10	
17-Oct-23       BlackRock Fund Advisors       in specie       n/a       AUD       ORD       1,29         17-Oct-23       BlackRock Advisors (UK) Limited       on mkt sell       20.36       AUD       ORD       -1,59         17-Oct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       -1,71         17-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -17,71         18-Oct-23       BlackRock Fund Advisors       in specie       n/a       AUD       ORD       1,29         18-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       679,81         18-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       679,81         19-Oct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       1,700,29         19-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       1,700,29         19-Oct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       1,700,29 <t< td=""><td>16-Oct-23 B</td><td>BlackRock Investment Management (UK)</td><td></td><td></td><td></td><td></td><td>-662,105</td><td>-662,10</td></t<>	16-Oct-23 B	BlackRock Investment Management (UK)					-662,105	-662,10	
17-Oct-23       BlackRock Advisors (UK) Limited collateral transfer n/a       AUD       ORD       -1,53         17-Oct-23       BlackRock Investment Management (UK) collateral transfer n/a       AUD       ORD       17,71         17-Oct-23       BlackRock Investment Management (UK) collateral transfer n/a       AUD       ORD       17,71         18-Oct-23       BlackRock Advisors (UK) Limited collateral transfer n/a       AUD       ORD       1.77,71         18-Oct-23       BlackRock Advisors (UK) Limited collateral transfer n/a       AUD       ORD       -679,81         18-Oct-23       BlackRock Advisors (UK) Limited collateral transfer n/a       AUD       ORD       -679,81         19-Oct-23       BlackRock Advisors (UK) Limited collateral transfer n/a       AUD       ORD       1.790,29         19-Oct-23       BlackRock Advisors (UK) Limited collateral transfer n/a       AUD       ORD       1.790,29         19-Oct-23       BlackRock Investment Management (UK) collateral transfer n/a       AUD       ORD       -2,43         19-Oct-23       BlackRock Investment Management on mkt sell       19.78       AUD       ORD       -2,43         20-Oct-23       BlackRock Investment Management on mkt sell       19.78       AUD       ORD       -1,750         20-Oct-23       BlackRock Investment Managemen			in specie	n/a		ORD	1,290	1,29	
17-Oct-23       BlackRock Advisors (UK) Limited       collateral transfer       n/a       AUD       ORD       17.71         17-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       1.77.71         18-Oct-23       BlackRock Fund Advisors       in specie       n/a       AUD       ORD       1.29         18-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       679,81         18-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       679,81         19-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       1970,29         19-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -1,790,29         19-Oct-23       BlackRock Investment Management on mkt sell       19,78       AUD       ORD       -2,43         20-Oct-23       BlackRock Investment Management on mkt sell       19,78       AUD       ORD       -2,15         20-Oct-23       BlackRock Advisors (UK) Limited on mkt sell       19,78       AUD       ORD       -2,15         20-Oct-23       <							-1.599	-1,59	
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18-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -679,81         18-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       679,81         19-Oct-23       BlackRock Investment Management (Australia) Limited       on mkt buy       20.28       AUD       ORD       91         19-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       1,790,29         19-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -1,790,29         20-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       -2,43         20-Oct-23       BlackRock Investment Management (UK)       collateral transfer       n/a       AUD       ORD       2,415         20-Oct-23       BlackRock Investment Management (UK)       on mkt sell       19.75       AUD       ORD       2,415         20-Oct-23       BlackRock Investment Management (IK)       on mkt sell       19.55       AUD       ORD       4,17         24-Oct-23       BlackRock Fund Advisors       in specie       n/a       AUD       ORD </td <td></td> <td></td> <td>in specie</td> <td>n/a</td> <td>AUD</td> <td>ORD</td> <td>1,290</td> <td>1,29</td>			in specie	n/a	AUD	ORD	1,290	1,29	
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19-Oct-23BlackRock Investment Management (UK)collateral transfern/aAUDORD-1,790,2920-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell19.78AUDORD-2,4320-Oct-23BlackRock Advisors (UK) Limited (Australia) Limitedon mkt buy19.78AUDORD2,1523-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell19.55AUDORD-4,1724-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-4,8424-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-7,0924-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-7,0924-Oct-23BlackRock Fund Advisorsin specien/aAUDORD1,8025-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-4,3625-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy19.21AUDORD-1,2625-Oct-23BlackRock Investment Management (Australia) Limitedcollateral transfern/aAUDORD-1,2626-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell19.21AUDORD-2,6526-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.95AUDORD-2,08526-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell <td></td> <td>, ,</td> <td>collatoral transfor</td> <td>n/o</td> <td></td> <td></td> <td>1 700 200</td> <td>1,790,29</td>		, ,	collatoral transfor	n/o			1 700 200	1,790,29	
20-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell19.78AUDORD-2,4320-Oct-23BlackRock Advisors (UK) Limited (Australia) Limitedon mkt buy19.78AUDORD2,1523-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell19.55AUDORD4,1724-Oct-23BlackRock Fund Advisorsin specien/aAUDORD4,8424-Oct-23BlackRock Fund Advisorsin specien/aAUDORD1,3724-Oct-23BlackRock Fund Advisorsin specien/aAUDORD7,0924-Oct-23BlackRock Fund Advisorsin specien/aAUDORD4,8425-Oct-23BlackRock Fund Advisorsin specien/aAUDORD4,8025-Oct-23BlackRock Rund Advisorsin specien/aAUDORD4,8025-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell19.21AUDORD-1,2625-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-1,2626-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell19.21AUDORD-4,8426-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.99AUDORD-20,8526-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD-20,85 <td>19-Oct-23 B</td> <td>BlackRock Investment Management (UK)</td> <td></td> <td></td> <td></td> <td></td> <td>-1,790,299</td> <td>-1,790,29</td>	19-Oct-23 B	BlackRock Investment Management (UK)					-1,790,299	-1,790,29	
(Australia) Limited20-Oct-23BlackRock Advisors (UK) Limitedon mkt buy19.78AUDORD2,1523-Oct-23BlackRock Investment Managementon mkt sell19.55AUDORD-4,17(Australia) Limitedin specien/aAUDORD-4,8424-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-4,8424-Oct-23BlackRock Fund Advisorsin specien/aAUDORD1,3724-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-7,0924-Oct-23BlackRock Fund Advisorsin specien/aAUDORD1,8025-Oct-23BlackRock Fund Advisorsin specien/aAUDORD4,3625-Oct-23BlackRock Investment Managementon mkt buy19.21AUDORD-1,2625-Oct-23BlackRock Investment Managementon mkt sell19.21AUDORD-1,2625-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-1,2625-Oct-23BlackRock Advisorsin specien/aAUDORD-97,7725-Oct-23BlackRock Advisorsin specien/aAUDORD-97,7725-Oct-23BlackRock Advisorsin specien/aAUDORD-97,7726-Oct-23BlackRock Investment Managementon mkt sell18.99AUDORD-20,8526-Oct-23BlackRock Investment Management				40.70			0.407		
23-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell19.55AUDORD-4,1724-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-4,8424-Oct-23BlackRock Fund Advisorsin specien/aAUDORD1,3724-Oct-23BlackRock Fund Advisorsin specien/aAUDORD1,3724-Oct-23BlackRock Fund Advisorsin specien/aAUDORD1,3724-Oct-23BlackRock Fund Advisorsin specien/aAUDORD1,3625-Oct-23BlackRock Fund Advisorsin specien/aAUDORD1,3625-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy19.21AUDORD-1,2625-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-1,2625-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-1,8026-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.99AUDORD-8,7326-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.95AUDORD4,8426-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD4,9626-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD5,1526-Oct-23 </td <td>(/</td> <td>(Australia) Limited</td> <td>on mkt sell</td> <td>19.78</td> <td>AUD</td> <td>ORD</td> <td>-2,437</td> <td>-2,43</td>	(/	(Australia) Limited	on mkt sell	19.78	AUD	ORD	-2,437	-2,43	
(Australia) Limited24-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-4,8424-Oct-23BlackRock Fund Advisorsin specien/aAUDORD1,3724-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-7,0924-Oct-23APERIO GROUP LLCin specien/aAUDORD1,8025-Oct-23BlackRock Fund Advisorsin specien/aAUDORD4,3625-Oct-23BlackRock Asset Managementon mkt buy19.21AUDORD1,35Deutschland AG	11	· · · · · · · · · · · · · · · · · · ·	•				2,152	2,15	
24-Oct-23BlackRock Fund Advisorsin specien/aAUDORD1,3724-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-7,0924-Oct-23APERIO GROUP LLCin specien/aAUDORD1,8025-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-4,3625-Oct-23BlackRock Asset Managementon mkt buy19.21AUDORD-4,3625-Oct-23BlackRock Investment Managementon mkt sell19.21AUDORD-1,2625-Oct-23BlackRock Investment Managementon mkt sell19.21AUDORD-1,2625-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-1,2625-Oct-23BlackRock Investment Managementon mkt sell19.21AUDORD-1,2625-Oct-23BlackRock Investment Managementon mkt sell19.21AUDORD-1,2626-Oct-23BlackRock Investment Managementon mkt sell18.99AUDORD-20,8526-Oct-23BlackRock Investment Managementon mkt sell18.99AUDORD-20,8526-Oct-23BlackRock Investment Managementon mkt sell18.95AUDORD4926-Oct-23BlackRock Investment Managementon mkt buy18.95AUDORD5,1526-Oct-23BlackRock Investment Managementon mkt buy18.95AUDORD5,1526-Oct-		5	on mkt sell	19.55	AUD	ORD	-4,172	-4,17	
24-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-7,0924-Oct-23APERIO GROUP LLCin specien/aAUDORD1,8025-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-4,3625-Oct-23BlackRock Asset Managementon mkt buy19.21AUDORD-4,3625-Oct-23BlackRock Investment Managementon mkt sell19.21AUDORD-1,2625-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-97,7725-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-97,7725-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-1,8026-Oct-23BlackRock Investment Managementon mkt sell18.99AUDORD-20,8526-Oct-23BlackRock Investment Managementon mkt sell18.95AUDORD-20,8526-Oct-23BlackRock Investment Managementon mkt buy18.95AUDORD4926-Oct-23BlackRock Investment Managementon mkt buy18.95AUDORD5,1526-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,1526-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,15	24-Oct-23 E	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,842	-4,84	
24-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-7,0924-Oct-23APERIO GROUP LLCin specien/aAUDORD1,8025-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-4,3625-Oct-23BlackRock Asset Managementon mkt buy19.21AUDORD1,35Deutschland AG25-Oct-23BlackRock Investment Managementon mkt sell19.21AUDORD-1,26(Australia) Limited25-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-97,7725-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-1,8026-Oct-23BlackRock Investment Managementon mkt sell18.99AUDORD-20,8526-Oct-23BlackRock Investment Managementon mkt sell18.95AUDORD-20,8526-Oct-23BlackRock Investment Managementon mkt buy18.95AUDORD4926-Oct-23BlackRock Investment Managementon mkt buy18.95AUDORD5,1526-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,1526-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,1526-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD<		BlackRock Fund Advisors					1,376	1,37	
24-Oct-23APERIO GROUP LLCin specien/aAUDORD1,8025-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-4,3625-Oct-23BlackRock Asset Management Deutschland AGon mkt buy19.21AUDORD1,3525-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell19.21AUDORD-1,2625-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-97,7725-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-97,7725-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-1,8026-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.99AUDORD-8,7326-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD4926-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD5,1526-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD5,1526-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,15		BlackRock Fund Advisors					-7,098	-7,09	
25-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-4,3625-Oct-23BlackRock Asset Management Deutschland AGon mkt buy19.21AUDORD1,3525-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell19.21AUDORD-1,2625-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-97,7725-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-97,7725-Oct-23APERIO GROUP LLCin specien/aAUDORD-1,8026-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.99AUDORD-20,8526-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD4926-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD5,1526-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,15	24-Oct-23 A	APERIO GROUP LLC	in specie	n/a			1,807	1,80	
Deutschland AG25-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell19.21AUDORD-1,2625-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-97,7725-Oct-23APERIO GROUP LLCin specien/aAUDORD-1,8026-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.99AUDORD-8,7326-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD4926-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD4926-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,15	25-Oct-23 E	BlackRock Fund Advisors		n/a		ORD	-4,368	-4,36	
25-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell19.21AUDORD-1,2625-Oct-23BlackRock Advisors (UK) Limitedcollateral transfern/aAUDORD-97,7725-Oct-23APERIO GROUP LLCin specien/aAUDORD-1,8026-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.99AUDORD-8,7326-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.99AUDORD-20,8526-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD4926-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,15		5	on mkt buy	19.21	AUD	ORD	1,354	1,35	
25-Oct-23BlackRock Advisors (UK) Limited LCcollateral transfern/aAUDORD-97,7725-Oct-23APERIO GROUP LLCin specien/aAUDORD-1,8026-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-8,7326-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.99AUDORD-20,8526-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD4926-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,1526-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,15	25-Oct-23 B	BlackRock Investment Management	on mkt sell	19.21	AUD	ORD	-1,264	-1,26	
25-Oct-23APERIO GROUP LLCin specien/aAUDORD-1,8026-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-8,7326-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.99AUDORD-20,8526-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD4926-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD5,1526-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,15		· <i>;</i>	collateral transfer	n/a	AUD	ORD	-97,776	-97,77	
26-Oct-23BlackRock Fund Advisorsin specien/aAUDORD-8,7326-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.99AUDORD-20,8526-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD4926-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD4926-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,15							-1,807	-1,80	
26-Oct-23BlackRock Investment Management (Australia) Limitedon mkt sell18.99AUDORD-20,8526-Oct-23BlackRock Investment Management (Australia) Limitedon mkt buy18.95AUDORD4926-Oct-23BlackRock Fund Advisorson mkt buy18.95AUDORD5,15							-8,736	-8,73	
26-Oct-23       BlackRock Investment Management (Australia) Limited       on mkt buy       18.95       AUD       ORD       49         26-Oct-23       BlackRock Fund Advisors       on mkt buy       18.95       AUD       ORD       5,15	26-Oct-23 B	BlackRock Investment Management	•				-20,855	-20,85	
26-Oct-23 BlackRock Fund Advisors on mkt buy 18.95 AUD ORD 5,15	26-Oct-23 B	BlackRock Investment Management	on mkt buy	18.95	AUD	ORD	495	49	
•		•	on mkt buv	18 95		ORD	5,159	5,15	
с ,	26-Oct-23 B	BlackRock Investment Management	on mkt buy		AUD	ORD	690	5, 15 69	
(Australia) Limited	````		in oncoin	-/-			40 700	40 70	
							-10,760	-10,76	
			•				-9,828	-9,82	
27-Oct-23 BlackRock Advisors (UK) Limited on mkt sell 19.14 AUD ORD -58	27-OCT-23 E	SIACKROCK ADVISORS (UK) LIMITED	ON MKI SEII	19.14	AUD	OKD	-581	-58	

Date of Change	Person whose relevant interest changed	Nature of cha Consideration give change	n in relation to	ССҮ		number of s affected	Person's votes affected
30-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,635	-1,63
30-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	19.07	AUD	ORD	-581	-58
30-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-526,752	-526,752
30-Oct-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	526,752	526,752
31-Oct-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,725	-2,725
31-Oct-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-1,699	-1,699
31-Oct-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,699	1,699
31-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	19.15	AUD	ORD	912	912
31-Oct-23	BlackRock Investment Management (Australia) Limited	on mkt buy	19.15	AUD	ORD	138	138
31-Oct-23	BlackRock Asset Management Canada Limited	on mkt sell	19.15	AUD	ORD	-221	-22
31-Oct-23	BlackRock Advisors (UK) Limited	on mkt sell	19.15	AUD	ORD	-161	-161
31-Oct-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	16.914	16,914
31-Oct-23	BlackRock Investment Management (UK)	collateral transfer	n/a	AUD	ORD	-16,918	-16,918
700020	Limited		n/a	NOD	OND	10,010	10,010
01-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,304	-4,304
01-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	19.20	AUD	ORD	-2,352	-2,352
01-Nov-23	BlackRock Asset Management Canada Limited	on mkt sell	19.20	AUD	ORD	-218	-2,332
01-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-302.612	-302,612
01-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-53,696	-53,696
02-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	19.68	AUD	ORD	-2,298	-2,298
02-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	456,138	456,138
02-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-456,138	-456,138
03-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,090	-1,090
03-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	20.22	AUD	ORD	-4,775	-4,775
06-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,304	-4,304
06-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	20.52	AUD	ORD	-570	-570
06-Nov-23	BlackRock Asset Management Deutschland AG	on mkt buy	20.52	AUD	ORD	1,354	1,354
07-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,632	-1,632
07-Nov-23	BlackRock Fund Advisors	on mkt buy	20.63	AUD	ORD	7,604	7,604
07-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-40,224	-40,224
08-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,860	-4,860
08-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.78	AUD	ORD	380	380
08-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	20.78	AUD	ORD	-2,339	-2,339
08-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	20.78	AUD	ORD	-1,299	-1,299
08-Nov-23	BlackRock Asset Management Deutschland AG	on mkt buy	20.78	AUD	ORD	1,299	1,299
08-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,248	-9,248
08-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	72,678	72,678
08-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	405,622	405,622
09-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	240	240
09-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	405,622	405,622
09-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-405,622	-405,622
10-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,320	-4,320
10-Nov-23	BlackRock Advisors (UK) Limited	on mkt sell	21.42	AUD	ORD	-581	-58´
10-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.42	AUD	ORD	-3,428	-3,428
13-Nov-23 13-Nov-23	BlackRock Advisors (UK) Limited BlackRock Investment Management (Australia) Limited	on mkt sell on mkt buy	21.00 21.00	AUD AUD	ORD ORD	-1,162 228	-1,162 228
13-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	125,980	125,980
14-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	544	544
14-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-125,981	-125,981
14-Nov-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-7,967	-7,967
14-Nov-23	APERIO GROUP LLC	in specie	n/a	AUD	ORD	-1,807	-1,807
	Disal/Deal/ Advisors (III/) Limited	collateral transfer	nla	AUD	ORD	-1,774,290	-1,774,290
15-Nov-23 15-Nov-23	BlackRock Advisors (UK) Limited BlackRock Investment Management (UK)	collateral transfer	n/a n/a	AUD	ORD	1,774,290	1,774,290

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
16-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,700	-2,700
16-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	630	630
16-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.67	AUD	ORD	-1,140	-1,140
16-Nov-23	BlackRock Institutional Trust Company, National Association	on mkt sell	21.67	AUD	ORD	-1,441	-1,441
17-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.74	AUD	ORD	-7,779	-7,779
17-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,774,290	1,774,290
17-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,774,290	-1,774,290
20-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,560	-7,560
20-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.89	AUD	ORD	-17,492	-17,492
20-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.94	AUD	ORD	-570	-570
20-Nov-23	BlackRock Fund Advisors	on mkt buy	21.94	AUD	ORD	154	154
20-Nov-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,774,290	-1,774,290
20-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,774,290	1,774,290
21-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-56,805	-56,805
23-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.07	AUD	ORD	138	138
24-Nov-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,400	-5,400
27-Nov-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.99	AUD	ORD	-17,445	-17,445
27-Nov-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,717,485	-1,717,485

29-Nov-23

Date

## ewski,

Emma Okoniewski, Authorised Signatory

#### 4. Details of present registered holders

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		d number of curities	Person's votes	Nature of Association
BlackRock Advisors (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	42,027	42,027	Subsidiary of BlackRock, Ind
BlackRock Advisors (UK) Limited	CITI-CITIBANK, LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	8,874	8,874	Subsidiary of BlackRock, In
BlackRock Advisors (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	353	353	Subsidiary of BlackRock, In
BlackRock Advisors (UK) Limited	SSB-STATE STREET DUBLIN		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	587,092	587,092	Subsidiary o BlackRock, In
BlackRock Advisors (UK) Limited	STATE STREET BANK, MUNICH, ZURICH BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	19,709	19,709	Subsidiary o BlackRock, In
BlackRock Asset Management Canada Limited	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	37,116	37,116	Subsidiary o BlackRock, In
BlackRock Asset Management Deutschland AG	SSB-STATE STREET BANK, GERMANY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	317,693	317,693	Subsidiary o BlackRock, In
BLACKROCK FINANCIAL MANAGEMENT INC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	1,753	1,753	Subsidiary o BlackRock, Ir
BLACKROCK FINANCIAL MANAGEMENT INC	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	3,513	3,513	Subsidiary o BlackRock, Ir
BlackRock Fund Advisors	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	34,420	34,420	Subsidiary c BlackRock, Ir
BlackRock Fund Advisors	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	3,034,750	3,034,750	Subsidiary o BlackRock, Ir
BLACKROCK INSTITUTIONAL TRUST COMPANY, NATIONAL ASSOCIATION	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	37,649	37,649	Subsidiary o BlackRock, Ir
BLACKROCK INSTITUTIONAL TRUST COMPANY, NATIONAL ASSOCIATION	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	672,062	672,062	Subsidiary o BlackRock, Ir
BLACKROCK INSTITUTIONAL TRUST COMPANY, NATIONAL ASSOCIATION	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	4,423	4,423	Subsidiary c BlackRock, Ir
BLACKROCK INSTITUTIONAL TRUST COMPANY, NATIONAL ASSOCIATION	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	271	271	Subsidiary o BlackRock, Ir
BlackRock Investment Management (Australia) Limited	BNP-BNP PARIBAS AUSTRALIA - COGENT		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	17,655	17,655	Subsidiary o BlackRock, Ir
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	639,479	639,479	Subsidiary c BlackRock, Ir
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	285,742	285,742	Subsidiary o BlackRock, In

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)		d number of urities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	243,147	243,147	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BANK OF NY BRUS		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	74,460	74,460	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	67,328	67,328	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CITI-CITIBANK, LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	11,326	11,326	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC-HSBC - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	71,872	71,872	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	4,587	4,587	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	58,125	58,125	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	28,885	28,885	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	4,518	4,518	Subsidiary of BlackRock, Inc.

This is Annexure C of 1 page referred to in form 604 Notice of change of interests of substantial shareholder

29-Nov-23			
Emma Okoniewski, Date Authorised Signatory	e		
7. Addresses			
The addresses of persons named in this form are as follo	DWS:		
Name	Address		
BlackRock Group			
BlackRock Inc.	50 Hudson Yards New York, NY 10001_USA		
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom		
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada		
BlackRock Asset Management Deutschland AG	Max-Joseph-Straße 6 D-80333 Munich, Germany		
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States		
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)		
BlackRock Investment Management (Australia) Limited	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia		
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom		
BlackRock Investment Management, LLC	251 Little Falls Dr Wilmington, DE 19808-1674		
APERIO GROUP LLC	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 9583 3505		

This is Annexure D of 3 pages referred to in form 604 Notice of change of interests of substantial shareholder.

	29-Nov-2023			
Emma Okoniewski, Authorised Signatory	Date			
Type of agreement:	Global Master Securities Lending Agreement, Overseas Securities Lending Agreement or Master Securities Lending Agreement.			
Parties to agreement:	The relevant counterparty as described in the lists of Securities Lending Agreements entered into by BlackRock Advisors Limited and BlackRock Institutional Trust Corporation, N.A., respectively, on the following page.			
Transfer date:	The date of the relevant transaction identified as a collateral transfer referred to in Annexure A.			
Holder of voting rights:	The Borrower.			
Are there any restrictions on voting rights? If yes, detail	Yes. Collateral is held through a tripartite structure under which the triparty collateral manager will not act in respect of voting rights unless it receives instructions to do so from the Borrower.			
Scheduled return date (if any):	The date of the relevant transaction referred to in Annexure A.			
Does the borrower have the right to return early? If yes, detail	Yes. The Borrower is entitled to substitute existing collateral with other equities at any time.			
Does the lender have the right to recall early?	Yes, at notice.			
lf yes, detail				
Will the securities be returned on settlement?	Yes.			
If yes, detail any exceptions				

A copy of the relevant agreement will be provided to PERPETUAL LTD or the Australian Securities and Investments Commission upon request.

## Securities Lending Agreements

Agreements entered into between BlackRock Advisors Limited and each of the following counterparties:

- Bank of Nova Scotia, London Branch GMSLA, 25 August 2011 (a)
- (b) Barclays Bank plc GMSLA, 9 April 2104
- Barclays Capital Securities Limited GMSLA, 2 December 2012 (c)
- BNP Paribas Arbitrage GMSLA, 30 May 2013 (d)

- Nomura International plc GMSLA 03 August 2018 q.
- Societe Generale GMSLA, September 28, 2016 r.
- UBS AG GMSLA, May 26, 2016 s.
- UBS AG GMSLA (Pledge), June 2, 2020 t.
- UBS Europe SE GMSLA, 1 February 2019 u.
- The Hongkong and Shanghai Banking Corporation Limited GMSLA, 22 February 2019 V.
- RBC Europe Limited GMSLA, 4 February 2019 w.
- ING BANK N.V. GMSLA, 27 February, 2019 Χ.
- BANCO SANTANDER, S.A. GMSLA, 11 September, 2019 у.
- Credit Suisse A.G., Singapore Branch GMSLA, 25 October, 2019 z.

- aa. Natixis S.A. GMSLA, November 21, 2019.
- bb. CREDIT SUISSE INTERNATIONAL GMSLA, 4 April 2020
- cc. BNP Paribas Prime Brokerage International Limited GMSLA 22 November 2021

These counterparties do not pledge Australian equities: (a) Merrill Lynch, Pierce, Fenner Smith Incorporated

These counterparties do not have any business with us anymore although may have done previously: (a) Morgan Stanley Securities Limited (No Business) OSLA 15 March 1999

Royal Bank of Scotland N.V. GMSLA, 12 October 2011 – No Business, superseded by Royal Bank of Scotland PLC