

Form 603
Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme Newcrest Mining Limited

ACN/ARSN 005 683 625

1. Details of substantial holder (1)

Name Vanguard Group (The Vanguard Group, Inc. and its controlled entities including those listed in Annexure A)

ACN/ARSN (if applicable) N/A

The holder became a substantial holder on 30 July 2021

2. Details of voting power

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 on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ordinary	40,870,755	40,870,755	5.001%

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 40,870,755

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
Vanguard Group	Brown Brothers Harriman	Various funds and other accounts of Vanguard Group	Ordinary – 2,457,629
Vanguard Group	BNY Mellon	Various funds and other accounts of Vanguard Group	Ordinary – 2,343,380
Vanguard Group	Citibank	Various funds and other accounts of Vanguard Group	Ordinary – 18,002
Vanguard Group	JP Morgan Chase Bank, N.A.	Various funds and other accounts of Vanguard Group	Ordinary – 24,668,300
Vanguard Group	State Street Bank and Trust Company	Various funds and other accounts of Vanguard Group	Ordinary – 6,363,438
Vanguard Group	Various others	Various funds and other accounts of Vanguard Group	Ordinary – 5,020,006

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)	Class and number of securities
See Annexure A			

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

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

7. Addresses

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

Name	Address
Vanguard Group	P.O. Box 2600, V26 Valley Forge, PA 19482 USA

print name Shawn Acker capacity Compliance Manager

sign here  date 3 August 2021

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DIRECTIONS

- (1) If there are a number of substantial holders with similar or related interests (eg. 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 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an Associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. 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
 - (b) 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 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.
- (8) 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) Details of the consideration must include any and all benefits, moneys and other, that any person from whom a relevant interest has 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 of its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

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To Company
ACN/ARSN

Newcrest Mining Limited
005 683 625

Substantial Holder Name
ACN/ARSN

Vanguard Group
N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
1-Apr-21	The Vanguard Group, Inc.	BUY	25.13	Ordinary	29,781	29,781
6-Apr-21	The Vanguard Group, Inc.	BUY	25.62	Ordinary	5,630	5,630
6-Apr-21	The Vanguard Group, Inc.	BUY	25.62	Ordinary	6,391	6,391
7-Apr-21	The Vanguard Group, Inc.	BUY	25.90	Ordinary	532	532
7-Apr-21	The Vanguard Group, Inc.	BUY	25.90	Ordinary	532	532
7-Apr-21	The Vanguard Group, Inc.	BUY	25.91	Ordinary	396	396
7-Apr-21	The Vanguard Group, Inc.	BUY	25.91	Ordinary	425	425
8-Apr-21	The Vanguard Group, Inc.	BUY	26.02	Ordinary	10,208	10,208
8-Apr-21	The Vanguard Group, Inc.	BUY	26.49	Ordinary	798	798
8-Apr-21	The Vanguard Group, Inc.	BUY	26.42	Ordinary	74	74
9-Apr-21	The Vanguard Group, Inc.	BUY	26.57	Ordinary	7,312	7,312
9-Apr-21	The Vanguard Group, Inc.	BUY	26.57	Ordinary	1,932	1,932
9-Apr-21	The Vanguard Group, Inc.	BUY	26.60	Ordinary	345	345
9-Apr-21	The Vanguard Group, Inc.	BUY	26.70	Ordinary	4,593	4,593
12-Apr-21	The Vanguard Group, Inc.	BUY	26.04	Ordinary	1,144	1,144
13-Apr-21	The Vanguard Group, Inc.	BUY	26.37	Ordinary	5,484	5,484
13-Apr-21	The Vanguard Group, Inc.	BUY	26.37	Ordinary	1,064	1,064
13-Apr-21	The Vanguard Group, Inc.	BUY	26.13	Ordinary	2,185	2,185
13-Apr-21	The Vanguard Group, Inc.	BUY	26.13	Ordinary	425	425
13-Apr-21	The Vanguard Group, Inc.	BUY	26.13	Ordinary	3,080	3,080
13-Apr-21	The Vanguard Group, Inc.	BUY	26.13	Ordinary	3,226	3,226
14-Apr-21	The Vanguard Group, Inc.	BUY	26.86	Ordinary	3,941	3,941
14-Apr-21	The Vanguard Group, Inc.	BUY	26.86	Ordinary	5,484	5,484
15-Apr-21	The Vanguard Group, Inc.	BUY	27.43	Ordinary	864	864
15-Apr-21	The Vanguard Group, Inc.	BUY	27.43	Ordinary	3,120	3,120
15-Apr-21	The Vanguard Group, Inc.	SELL	26.85	Ordinary	(148)	(148)
15-Apr-21	The Vanguard Group, Inc.	BUY	26.85	Ordinary	98	98
15-Apr-21	The Vanguard Group, Inc.	BUY	27.47	Ordinary	2,703	2,703
15-Apr-21	The Vanguard Group, Inc.	BUY	27.47	Ordinary	1,677	1,677
16-Apr-21	The Vanguard Group, Inc.	BUY	27.72	Ordinary	1,316	1,316
16-Apr-21	The Vanguard Group, Inc.	BUY	27.72	Ordinary	29,690	29,690
19-Apr-21	The Vanguard Group, Inc.	BUY	27.89	Ordinary	3,456	3,456
19-Apr-21	The Vanguard Group, Inc.	BUY	27.60	Ordinary	18,478	18,478
19-Apr-21	The Vanguard Group, Inc.	BUY	27.89	Ordinary	9,140	9,140
19-Apr-21	The Vanguard Group, Inc.	BUY	27.89	Ordinary	532	532
19-Apr-21	The Vanguard Group, Inc.	SELL	27.97	Ordinary	(737)	(737)
19-Apr-21	The Vanguard Group, Inc.	BUY	27.97	Ordinary	425	425
21-Apr-21	The Vanguard Group, Inc.	BUY	28.01	Ordinary	1,027	1,027
21-Apr-21	The Vanguard Group, Inc.	SELL	28.00	Ordinary	(113)	(113)
21-Apr-21	The Vanguard Group, Inc.	BUY	28.16	Ordinary	63,860	63,860
21-Apr-21	The Vanguard Group, Inc.	BUY	28.01	Ordinary	387	387
21-Apr-21	The Vanguard Group, Inc.	BUY	28.01	Ordinary	7,667	7,667
22-Apr-21	The Vanguard Group, Inc.	BUY	28.52	Ordinary	1,728	1,728
22-Apr-21	The Vanguard Group, Inc.	BUY	28.52	Ordinary	532	532
22-Apr-21	The Vanguard Group, Inc.	BUY	28.64	Ordinary	99	99
22-Apr-21	The Vanguard Group, Inc.	BUY	28.25	Ordinary	14,800	14,800
23-Apr-21	The Vanguard Group, Inc.	BUY	28.38	Ordinary	22,089	22,089
23-Apr-21	The Vanguard Group, Inc.	BUY	28.38	Ordinary	4,904	4,904
26-Apr-21	The Vanguard Group, Inc.	BUY	27.58	Ordinary	3,120	3,120
26-Apr-21	The Vanguard Group, Inc.	BUY	27.83	Ordinary	26,665	26,665
26-Apr-21	The Vanguard Group, Inc.	BUY	27.64	Ordinary	67	67
27-Apr-21	The Vanguard Group, Inc.	BUY	27.00	Ordinary	18,242	18,242
27-Apr-21	The Vanguard Group, Inc.	BUY	27.42	Ordinary	1,932	1,932
27-Apr-21	The Vanguard Group, Inc.	SELL	27.46	Ordinary	(1,078)	(1,078)
28-Apr-21	The Vanguard Group, Inc.	BUY	26.76	Ordinary	2,252	2,252
28-Apr-21	The Vanguard Group, Inc.	BUY	26.76	Ordinary	1,610	1,610
28-Apr-21	The Vanguard Group, Inc.	BUY	26.52	Ordinary	1,412	1,412
28-Apr-21	The Vanguard Group, Inc.	SELL	26.52	Ordinary	(279)	(279)
29-Apr-21	The Vanguard Group, Inc.	BUY	26.69	Ordinary	2,415	2,415
29-Apr-21	The Vanguard Group, Inc.	SELL	27.05	Ordinary	(192)	(192)
29-Apr-21	The Vanguard Group, Inc.	BUY	27.09	Ordinary	1,000	1,000
29-Apr-21	The Vanguard Group, Inc.	SELL	27.05	Ordinary	(1,461)	(1,461)
30-Apr-21	The Vanguard Group, Inc.	BUY	26.52	Ordinary	1,500	1,500

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
4-May-21	The Vanguard Group, Inc.	BUY	26.66	Ordinary	1,932	1,932
4-May-21	The Vanguard Group, Inc.	BUY	26.66	Ordinary	2,737	2,737
6-May-21	The Vanguard Group, Inc.	BUY	26.79	Ordinary	798	798
6-May-21	The Vanguard Group, Inc.	BUY	26.79	Ordinary	532	532
6-May-21	The Vanguard Group, Inc.	SELL	26.55	Ordinary	(65)	(65)
6-May-21	The Vanguard Group, Inc.	BUY	26.32	Ordinary	398	398
6-May-21	The Vanguard Group, Inc.	BUY	26.32	Ordinary	850	850
7-May-21	The Vanguard Group, Inc.	BUY	27.52	Ordinary	1,689	1,689
7-May-21	The Vanguard Group, Inc.	BUY	27.52	Ordinary	7,319	7,319
7-May-21	The Vanguard Group, Inc.	BUY	27.52	Ordinary	3,120	3,120
7-May-21	The Vanguard Group, Inc.	BUY	27.52	Ordinary	5,635	5,635
7-May-21	The Vanguard Group, Inc.	BUY	27.52	Ordinary	532	532
7-May-21	The Vanguard Group, Inc.	SELL	27.33	Ordinary	(1,303)	(1,303)
7-May-21	The Vanguard Group, Inc.	BUY	27.20	Ordinary	410	410
7-May-21	The Vanguard Group, Inc.	BUY	27.33	Ordinary	205	205
10-May-21	The Vanguard Group, Inc.	BUY	27.93	Ordinary	6,454	6,454
10-May-21	The Vanguard Group, Inc.	BUY	28.10	Ordinary	1,273	1,273
12-May-21	The Vanguard Group, Inc.	BUY	27.20	Ordinary	1,868	1,868
12-May-21	The Vanguard Group, Inc.	BUY	27.62	Ordinary	14,465	14,465
13-May-21	The Vanguard Group, Inc.	SELL	28.02	Ordinary	(8,580)	(8,580)
14-May-21	The Vanguard Group, Inc.	BUY	27.84	Ordinary	2,128	2,128
14-May-21	The Vanguard Group, Inc.	BUY	27.63	Ordinary	5,446	5,446
14-May-21	The Vanguard Group, Inc.	BUY	27.63	Ordinary	14,108	14,108
17-May-21	The Vanguard Group, Inc.	BUY	28.65	Ordinary	2,252	2,252
17-May-21	The Vanguard Group, Inc.	BUY	28.35	Ordinary	384	384
18-May-21	The Vanguard Group, Inc.	BUY	28.68	Ordinary	1,689	1,689
18-May-21	The Vanguard Group, Inc.	BUY	28.68	Ordinary	1,392	1,392
18-May-21	The Vanguard Group, Inc.	BUY	28.68	Ordinary	532	532
18-May-21	The Vanguard Group, Inc.	BUY	29.21	Ordinary	5,034	5,034
18-May-21	The Vanguard Group, Inc.	BUY	28.66	Ordinary	395	395
18-May-21	The Vanguard Group, Inc.	BUY	28.66	Ordinary	6,390	6,390
18-May-21	The Vanguard Group, Inc.	BUY	28.66	Ordinary	5,798	5,798
19-May-21	The Vanguard Group, Inc.	BUY	27.71	Ordinary	14,752	14,752
19-May-21	The Vanguard Group, Inc.	BUY	27.71	Ordinary	5,532	5,532
19-May-21	The Vanguard Group, Inc.	BUY	28.01	Ordinary	594	594
20-May-21	The Vanguard Group, Inc.	BUY	28.45	Ordinary	2,254	2,254
20-May-21	The Vanguard Group, Inc.	BUY	28.30	Ordinary	948	948
21-May-21	The Vanguard Group, Inc.	BUY	27.78	Ordinary	1,726	1,726
24-May-21	The Vanguard Group, Inc.	BUY	28.62	Ordinary	6,412	6,412
24-May-21	The Vanguard Group, Inc.	SELL	27.78	Ordinary	(125)	(125)
24-May-21	The Vanguard Group, Inc.	BUY	28.52	Ordinary	385	385
26-May-21	The Vanguard Group, Inc.	BUY	28.65	Ordinary	2,252	2,252
27-May-21	The Vanguard Group, Inc.	BUY	27.85	Ordinary	806	806
27-May-21	The Vanguard Group, Inc.	SELL	27.90	Ordinary	(9,880)	(9,880)
1-Jun-21	The Vanguard Group, Inc.	BUY	28.38	Ordinary	532	532
1-Jun-21	The Vanguard Group, Inc.	BUY	28.35	Ordinary	1,542	1,542
2-Jun-21	The Vanguard Group, Inc.	SELL	28.26	Ordinary	(4,220)	(4,220)
2-Jun-21	The Vanguard Group, Inc.	BUY	28.29	Ordinary	15,942	15,942
2-Jun-21	The Vanguard Group, Inc.	BUY	28.30	Ordinary	1,818	1,818
3-Jun-21	The Vanguard Group, Inc.	BUY	27.84	Ordinary	6,475	6,475
3-Jun-21	The Vanguard Group, Inc.	BUY	27.84	Ordinary	532	532
8-Jun-21	The Vanguard Group, Inc.	BUY	27.69	Ordinary	1,579	1,579
8-Jun-21	The Vanguard Group, Inc.	BUY	27.69	Ordinary	1,333	1,333
15-Jun-21	The Vanguard Group, Inc.	BUY	27.64	Ordinary	1,064	1,064
16-Jun-21	The Vanguard Group, Inc.	BUY	27.11	Ordinary	3,700	3,700
17-Jun-21	The Vanguard Group, Inc.	BUY	26.31	Ordinary	916	916
17-Jun-21	The Vanguard Group, Inc.	BUY	26.31	Ordinary	9,250	9,250
18-Jun-21	The Vanguard Group, Inc.	SELL	25.98	Ordinary	(10,266)	(10,266)
18-Jun-21	The Vanguard Group, Inc.	SELL	25.98	Ordinary	(16,881)	(16,881)
18-Jun-21	The Vanguard Group, Inc.	SELL	25.98	Ordinary	(15,108)	(15,108)
18-Jun-21	The Vanguard Group, Inc.	SELL	25.98	Ordinary	(21,905)	(21,905)
18-Jun-21	The Vanguard Group, Inc.	SELL	25.98	Ordinary	(48)	(48)
18-Jun-21	The Vanguard Group, Inc.	SELL	25.98	Ordinary	(1,233)	(1,233)
18-Jun-21	The Vanguard Group, Inc.	SELL	25.98	Ordinary	(1,090)	(1,090)
18-Jun-21	The Vanguard Group, Inc.	SELL	25.98	Ordinary	(1,024)	(1,024)
21-Jun-21	The Vanguard Group, Inc.	BUY	25.62	Ordinary	1,740	1,740
22-Jun-21	The Vanguard Group, Inc.	BUY	26.19	Ordinary	1,356	1,356
22-Jun-21	The Vanguard Group, Inc.	BUY	26.19	Ordinary	3,616	3,616
22-Jun-21	The Vanguard Group, Inc.	BUY	26.19	Ordinary	5,508	5,508
22-Jun-21	The Vanguard Group, Inc.	BUY	26.02	Ordinary	1,846	1,846

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
23-Jun-21	The Vanguard Group, Inc.	BUY	26.07	Ordinary	1,356	1,356
23-Jun-21	The Vanguard Group, Inc.	BUY	26.07	Ordinary	532	532
23-Jun-21	The Vanguard Group, Inc.	BUY	26.00	Ordinary	1,118	1,118
24-Jun-21	The Vanguard Group, Inc.	BUY	25.71	Ordinary	7,320	7,320
29-Jun-21	The Vanguard Group, Inc.	BUY	25.58	Ordinary	798	798
29-Jun-21	The Vanguard Group, Inc.	BUY	25.69	Ordinary	298	298
29-Jun-21	The Vanguard Group, Inc.	BUY	25.89	Ordinary	1,973	1,973
30-Jun-21	The Vanguard Group, Inc.	BUY	25.29	Ordinary	4,575	4,575
30-Jun-21	The Vanguard Group, Inc.	BUY	25.29	Ordinary	2,093	2,093
1-Jul-21	The Vanguard Group, Inc.	BUY	25.69	Ordinary	8,235	8,235
1-Jul-21	The Vanguard Group, Inc.	BUY	25.69	Ordinary	532	532
1-Jul-21	The Vanguard Group, Inc.	BUY	25.58	Ordinary	18,990	18,990
1-Jul-21	The Vanguard Group, Inc.	BUY	25.58	Ordinary	656	656
1-Jul-21	The Vanguard Group, Inc.	SELL	25.60	Ordinary	(2,875)	(2,875)
2-Jul-21	The Vanguard Group, Inc.	BUY	25.56	Ordinary	1,610	1,610
2-Jul-21	The Vanguard Group, Inc.	BUY	25.56	Ordinary	798	798
2-Jul-21	The Vanguard Group, Inc.	BUY	25.36	Ordinary	942	942
2-Jul-21	The Vanguard Group, Inc.	BUY	25.36	Ordinary	889	889
2-Jul-21	The Vanguard Group, Inc.	BUY	25.36	Ordinary	11,392	11,392
2-Jul-21	The Vanguard Group, Inc.	BUY	25.36	Ordinary	4,025	4,025
5-Jul-21	The Vanguard Group, Inc.	BUY	25.66	Ordinary	1,536	1,536
5-Jul-21	The Vanguard Group, Inc.	BUY	25.66	Ordinary	23,521	23,521
6-Jul-21	The Vanguard Group, Inc.	BUY	25.45	Ordinary	5,490	5,490
6-Jul-21	The Vanguard Group, Inc.	SELL	25.71	Ordinary	(48,261)	(48,261)
7-Jul-21	The Vanguard Group, Inc.	BUY	25.94	Ordinary	18,128	18,128
7-Jul-21	The Vanguard Group, Inc.	BUY	25.94	Ordinary	13,512	13,512
7-Jul-21	The Vanguard Group, Inc.	BUY	26.23	Ordinary	950	950
8-Jul-21	The Vanguard Group, Inc.	BUY	25.70	Ordinary	1,610	1,610
8-Jul-21	The Vanguard Group, Inc.	BUY	26.35	Ordinary	10,378	10,378
8-Jul-21	The Vanguard Group, Inc.	BUY	25.95	Ordinary	244	244
9-Jul-21	The Vanguard Group, Inc.	BUY	25.94	Ordinary	5,067	5,067
9-Jul-21	The Vanguard Group, Inc.	BUY	25.94	Ordinary	20,340	20,340
9-Jul-21	The Vanguard Group, Inc.	BUY	25.94	Ordinary	7,320	7,320
9-Jul-21	The Vanguard Group, Inc.	BUY	25.99	Ordinary	20,398	20,398
9-Jul-21	The Vanguard Group, Inc.	BUY	25.94	Ordinary	4,025	4,025
9-Jul-21	The Vanguard Group, Inc.	BUY	25.94	Ordinary	5,635	5,635
9-Jul-21	The Vanguard Group, Inc.	BUY	25.94	Ordinary	2,576	2,576
9-Jul-21	The Vanguard Group, Inc.	BUY	25.71	Ordinary	28,451	28,451
9-Jul-21	The Vanguard Group, Inc.	BUY	25.80	Ordinary	10,695	10,695
12-Jul-21	The Vanguard Group, Inc.	BUY	25.86	Ordinary	3,164	3,164
12-Jul-21	The Vanguard Group, Inc.	BUY	26.14	Ordinary	21,172	21,172
12-Jul-21	The Vanguard Group, Inc.	BUY	25.86	Ordinary	25,246	25,246
13-Jul-21	The Vanguard Group, Inc.	BUY	25.76	Ordinary	11,895	11,895
13-Jul-21	The Vanguard Group, Inc.	BUY	25.98	Ordinary	10,886	10,886
14-Jul-21	The Vanguard Group, Inc.	BUY	26.61	Ordinary	21,500	21,500
14-Jul-21	The Vanguard Group, Inc.	BUY	26.61	Ordinary	894	894
14-Jul-21	The Vanguard Group, Inc.	BUY	26.61	Ordinary	447	447
15-Jul-21	The Vanguard Group, Inc.	BUY	26.88	Ordinary	532	532
15-Jul-21	The Vanguard Group, Inc.	BUY	26.88	Ordinary	798	798
15-Jul-21	The Vanguard Group, Inc.	BUY	26.94	Ordinary	10,019	10,019
15-Jul-21	The Vanguard Group, Inc.	BUY	27.01	Ordinary	1,750	1,750
15-Jul-21	The Vanguard Group, Inc.	BUY	27.01	Ordinary	10,321	10,321
15-Jul-21	The Vanguard Group, Inc.	BUY	27.01	Ordinary	224	224
15-Jul-21	The Vanguard Group, Inc.	SELL	27.01	Ordinary	(3,497)	(3,497)
16-Jul-21	The Vanguard Group, Inc.	BUY	26.91	Ordinary	8,379	8,379
19-Jul-21	The Vanguard Group, Inc.	BUY	26.43	Ordinary	8,344	8,344
19-Jul-21	The Vanguard Group, Inc.	BUY	26.37	Ordinary	1,483	1,483
19-Jul-21	The Vanguard Group, Inc.	BUY	26.37	Ordinary	438	438
20-Jul-21	The Vanguard Group, Inc.	BUY	26.11	Ordinary	441	441
21-Jul-21	The Vanguard Group, Inc.	BUY	26.33	Ordinary	2,252	2,252
21-Jul-21	The Vanguard Group, Inc.	BUY	26.33	Ordinary	10,980	10,980
21-Jul-21	The Vanguard Group, Inc.	BUY	26.33	Ordinary	2,415	2,415
21-Jul-21	The Vanguard Group, Inc.	BUY	26.03	Ordinary	47,812	47,812
21-Jul-21	The Vanguard Group, Inc.	BUY	26.07	Ordinary	448	448
22-Jul-21	The Vanguard Group, Inc.	BUY	26.34	Ordinary	2,712	2,712
22-Jul-21	The Vanguard Group, Inc.	SELL	26.34	Ordinary	(3,900)	(3,900)
22-Jul-21	The Vanguard Group, Inc.	BUY	26.34	Ordinary	798	798
22-Jul-21	The Vanguard Group, Inc.	BUY	26.10	Ordinary	8,360	8,360
22-Jul-21	The Vanguard Group, Inc.	SELL	26.18	Ordinary	(3,634)	(3,634)
23-Jul-21	The Vanguard Group, Inc.	BUY	26.11	Ordinary	24,609	24,609

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
23-Jul-21	The Vanguard Group, Inc.	BUY	26.17	Ordinary	1,226	1,226
26-Jul-21	The Vanguard Group, Inc.	BUY	25.81	Ordinary	15,555	15,555
26-Jul-21	The Vanguard Group, Inc.	BUY	25.81	Ordinary	532	532
27-Jul-21	The Vanguard Group, Inc.	BUY	25.98	Ordinary	1,808	1,808
27-Jul-21	The Vanguard Group, Inc.	BUY	25.88	Ordinary	1,408	1,408
28-Jul-21	The Vanguard Group, Inc.	BUY	26.29	Ordinary	11,752	11,752
28-Jul-21	The Vanguard Group, Inc.	BUY	26.29	Ordinary	1,610	1,610
28-Jul-21	The Vanguard Group, Inc.	BUY	26.29	Ordinary	1,610	1,610
28-Jul-21	The Vanguard Group, Inc.	BUY	26.18	Ordinary	4,614	4,614
29-Jul-21	The Vanguard Group, Inc.	BUY	26.45	Ordinary	6,240	6,240
29-Jul-21	The Vanguard Group, Inc.	SELL	26.39	Ordinary	(324)	(324)
29-Jul-21	The Vanguard Group, Inc.	BUY	26.39	Ordinary	15,899	15,899
29-Jul-21	The Vanguard Group, Inc.	SELL	26.41	Ordinary	(3,227)	(3,227)
30-Jul-21	The Vanguard Group, Inc.	BUY	26.34	Ordinary	2,415	2,415
30-Jul-21	The Vanguard Group, Inc.	BUY	26.34	Ordinary	798	798
30-Jul-21	The Vanguard Group, Inc.	BUY	26.49	Ordinary	10,413	10,413
30-Jul-21	The Vanguard Group, Inc.	BUY	26.49	Ordinary	1,538	1,538
30-Jul-21	The Vanguard Group, Inc.	BUY	26.49	Ordinary	7,225	7,225
1-Apr-21	Vanguard Investments Australia Ltd.	IN SPECIE	25.05	Ordinary	(1,462,014)	(1,462,014)
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	25.58	Ordinary	4,694	4,694
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	25.58	Ordinary	5,633	5,633
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	25.58	Ordinary	1,268	1,268
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	25.58	Ordinary	18,297	18,297
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	25.58	Ordinary	2,067	2,067
7-Apr-21	Vanguard Investments Australia Ltd.	BUY	25.78	Ordinary	18,075	18,075
7-Apr-21	Vanguard Investments Australia Ltd.	BUY	25.78	Ordinary	4,713	4,713
7-Apr-21	Vanguard Investments Australia Ltd.	BUY	25.78	Ordinary	5,183	5,183
7-Apr-21	Vanguard Investments Australia Ltd.	BUY	25.91	Ordinary	8,280	8,280
8-Apr-21	Vanguard Investments Australia Ltd.	SELL	26.42	Ordinary	(1,938)	(1,938)
8-Apr-21	Vanguard Investments Australia Ltd.	BUY	26.42	Ordinary	2,865	2,865
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	26.70	Ordinary	15,246	15,246
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	26.70	Ordinary	8,316	8,316
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	26.70	Ordinary	7,970	7,970
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	26.70	Ordinary	2,391	2,391
14-Apr-21	Vanguard Investments Australia Ltd.	BUY	27.19	Ordinary	796	796
14-Apr-21	Vanguard Investments Australia Ltd.	BUY	27.19	Ordinary	1,592	1,592
14-Apr-21	Vanguard Investments Australia Ltd.	BUY	27.19	Ordinary	2,388	2,388
19-Apr-21	Vanguard Investments Australia Ltd.	BUY	27.97	Ordinary	5,603	5,603
20-Apr-21	Vanguard Investments Australia Ltd.	SELL	27.90	Ordinary	(5,018)	(5,018)
20-Apr-21	Vanguard Investments Australia Ltd.	BUY	27.90	Ordinary	13,960	13,960
21-Apr-21	Vanguard Investments Australia Ltd.	BUY	28.01	Ordinary	9,212	9,212
27-Apr-21	Vanguard Investments Australia Ltd.	BUY	27.46	Ordinary	25,632	25,632
28-Apr-21	Vanguard Investments Australia Ltd.	BUY	26.52	Ordinary	2,406	2,406
28-Apr-21	Vanguard Investments Australia Ltd.	BUY	26.52	Ordinary	20,722	20,722
29-Apr-21	Vanguard Investments Australia Ltd.	BUY	27.09	Ordinary	7,744	7,744
29-Apr-21	Vanguard Investments Australia Ltd.	BUY	27.09	Ordinary	3,188	3,188
29-Apr-21	Vanguard Investments Australia Ltd.	SELL	27.09	Ordinary	(930)	(930)
3-May-21	Vanguard Investments Australia Ltd.	SELL	26.27	Ordinary	(1,508)	(1,508)
3-May-21	Vanguard Investments Australia Ltd.	BUY	26.27	Ordinary	7,030	7,030
3-May-21	Vanguard Investments Australia Ltd.	BUY	26.27	Ordinary	2,391	2,391
4-May-21	Vanguard Investments Australia Ltd.	BUY	26.65	Ordinary	1,938	1,938
5-May-21	Vanguard Investments Australia Ltd.	BUY	26.39	Ordinary	1,938	1,938
5-May-21	Vanguard Investments Australia Ltd.	BUY	26.39	Ordinary	2,664	2,664
6-May-21	Vanguard Investments Australia Ltd.	BUY	26.32	Ordinary	10,575	10,575
7-May-21	Vanguard Investments Australia Ltd.	BUY	27.33	Ordinary	35,440	35,440
7-May-21	Vanguard Investments Australia Ltd.	BUY	27.33	Ordinary	797	797
10-May-21	Vanguard Investments Australia Ltd.	BUY	28.10	Ordinary	798	798
13-May-21	Vanguard Investments Australia Ltd.	BUY	27.82	Ordinary	7,780	7,780
13-May-21	Vanguard Investments Australia Ltd.	BUY	27.82	Ordinary	3,177	3,177
13-May-21	Vanguard Investments Australia Ltd.	BUY	27.82	Ordinary	9,051	9,051
13-May-21	Vanguard Investments Australia Ltd.	BUY	27.82	Ordinary	1,598	1,598
13-May-21	Vanguard Investments Australia Ltd.	BUY	27.82	Ordinary	2,397	2,397
14-May-21	Vanguard Investments Australia Ltd.	BUY	27.63	Ordinary	9,926	9,926
17-May-21	Vanguard Investments Australia Ltd.	SELL	28.35	Ordinary	(7,564)	(7,564)
17-May-21	Vanguard Investments Australia Ltd.	BUY	28.35	Ordinary	1,001	1,001
17-May-21	Vanguard Investments Australia Ltd.	BUY	28.35	Ordinary	478	478
17-May-21	Vanguard Investments Australia Ltd.	BUY	28.35	Ordinary	10,858	10,858
17-May-21	Vanguard Investments Australia Ltd.	BUY	28.35	Ordinary	8,520	8,520
18-May-21	Vanguard Investments Australia Ltd.	BUY	28.66	Ordinary	12,000	12,000
19-May-21	Vanguard Investments Australia Ltd.	BUY	28.01	Ordinary	9,256	9,256

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
20-May-21	Vanguard Investments Australia Ltd.	IN SPECIE	28.30	Ordinary	(2,937,042)	(2,937,042)
20-May-21	Vanguard Investments Australia Ltd.	IN SPECIE	28.30	Ordinary	(25,064)	(25,064)
20-May-21	Vanguard Investments Australia Ltd.	BUY	28.30	Ordinary	1,544	1,544
20-May-21	Vanguard Investments Australia Ltd.	BUY	28.30	Ordinary	2,400	2,400
21-May-21	Vanguard Investments Australia Ltd.	BUY	27.78	Ordinary	14,280	14,280
21-May-21	Vanguard Investments Australia Ltd.	BUY	27.78	Ordinary	800	800
21-May-21	Vanguard Investments Australia Ltd.	BUY	27.78	Ordinary	5,600	5,600
25-May-21	Vanguard Investments Australia Ltd.	BUY	28.40	Ordinary	8,568	8,568
26-May-21	Vanguard Investments Australia Ltd.	BUY	28.79	Ordinary	800	800
26-May-21	Vanguard Investments Australia Ltd.	BUY	28.79	Ordinary	2,256	2,256
27-May-21	Vanguard Investments Australia Ltd.	SELL	27.90	Ordinary	(6,509)	(6,509)
27-May-21	Vanguard Investments Australia Ltd.	BUY	27.85	Ordinary	1,767	1,767
31-May-21	Vanguard Investments Australia Ltd.	BUY	28.32	Ordinary	29,417	29,417
3-Jun-21	Vanguard Investments Australia Ltd.	BUY	28.04	Ordinary	800	800
8-Jun-21	Vanguard Investments Australia Ltd.	SELL	27.69	Ordinary	(2,030)	(2,030)
8-Jun-21	Vanguard Investments Australia Ltd.	BUY	27.69	Ordinary	8,592	8,592
9-Jun-21	Vanguard Investments Australia Ltd.	BUY	27.50	Ordinary	8,592	8,592
15-Jun-21	Vanguard Investments Australia Ltd.	BUY	27.80	Ordinary	800	800
18-Jun-21	Vanguard Investments Australia Ltd.	SELL	25.98	Ordinary	(11,364)	(11,364)
22-Jun-21	Vanguard Investments Australia Ltd.	BUY	26.02	Ordinary	7,020	7,020
22-Jun-21	Vanguard Investments Australia Ltd.	BUY	26.02	Ordinary	2,808	2,808
23-Jun-21	Vanguard Investments Australia Ltd.	IN SPECIE	26.07	Ordinary	(1,426,635)	(1,426,635)
23-Jun-21	Vanguard Investments Australia Ltd.	IN SPECIE	26.07	Ordinary	(685,111)	(685,111)
23-Jun-21	Vanguard Investments Australia Ltd.	IN SPECIE	26.07	Ordinary	(585,109)	(585,109)
23-Jun-21	Vanguard Investments Australia Ltd.	BUY	26.07	Ordinary	1,514	1,514
24-Jun-21	Vanguard Investments Australia Ltd.	BUY	25.72	Ordinary	5,600	5,600
24-Jun-21	Vanguard Investments Australia Ltd.	BUY	25.72	Ordinary	1,514	1,514
28-Jun-21	Vanguard Investments Australia Ltd.	SELL	25.84	Ordinary	(7,831)	(7,831)
29-Jun-21	Vanguard Investments Australia Ltd.	BUY	25.69	Ordinary	8,436	8,436
30-Jun-21	Vanguard Investments Australia Ltd.	SELL	25.28	Ordinary	(17,742)	(17,742)
1-Jul-21	Vanguard Investments Australia Ltd.	BUY	25.80	Ordinary	3,010	3,010
2-Jul-21	Vanguard Investments Australia Ltd.	BUY	25.36	Ordinary	13,261	13,261
2-Jul-21	Vanguard Investments Australia Ltd.	BUY	25.36	Ordinary	3,480	3,480
2-Jul-21	Vanguard Investments Australia Ltd.	BUY	25.36	Ordinary	2,271	2,271
6-Jul-21	Vanguard Investments Australia Ltd.	BUY	25.71	Ordinary	25,924	25,924
7-Jul-21	Vanguard Investments Australia Ltd.	BUY	26.23	Ordinary	9,758	9,758
9-Jul-21	Vanguard Investments Australia Ltd.	BUY	25.71	Ordinary	9,772	9,772
9-Jul-21	Vanguard Investments Australia Ltd.	BUY	25.71	Ordinary	11,866	11,866
12-Jul-21	Vanguard Investments Australia Ltd.	BUY	25.85	Ordinary	39,628	39,628
12-Jul-21	Vanguard Investments Australia Ltd.	BUY	25.85	Ordinary	5,336	5,336
13-Jul-21	Vanguard Investments Australia Ltd.	BUY	25.94	Ordinary	6,064	6,064
13-Jul-21	Vanguard Investments Australia Ltd.	BUY	25.94	Ordinary	3,032	3,032
15-Jul-21	Vanguard Investments Australia Ltd.	BUY	27.01	Ordinary	39,793	39,793
15-Jul-21	Vanguard Investments Australia Ltd.	BUY	27.01	Ordinary	21,731	21,731
15-Jul-21	Vanguard Investments Australia Ltd.	BUY	27.01	Ordinary	683	683
19-Jul-21	Vanguard Investments Australia Ltd.	SELL	26.37	Ordinary	(1,223)	(1,223)
19-Jul-21	Vanguard Investments Australia Ltd.	BUY	26.37	Ordinary	3,495	3,495
20-Jul-21	Vanguard Investments Australia Ltd.	SELL	26.11	Ordinary	(1,562)	(1,562)
20-Jul-21	Vanguard Investments Australia Ltd.	BUY	26.11	Ordinary	8,376	8,376
22-Jul-21	Vanguard Investments Australia Ltd.	BUY	26.18	Ordinary	31,595	31,595
22-Jul-21	Vanguard Investments Australia Ltd.	BUY	26.18	Ordinary	5,243	5,243
23-Jul-21	Vanguard Investments Australia Ltd.	BUY	26.17	Ordinary	8,364	8,364
26-Jul-21	Vanguard Investments Australia Ltd.	SELL	25.76	Ordinary	(6,711)	(6,711)
27-Jul-21	Vanguard Investments Australia Ltd.	IN SPECIE	25.88	Ordinary	(714,033)	(714,033)
29-Jul-21	Vanguard Investments Australia Ltd.	BUY	26.41	Ordinary	998	998
29-Jul-21	Vanguard Investments Australia Ltd.	BUY	26.41	Ordinary	760	760
30-Jul-21	Vanguard Investments Australia Ltd.	BUY	26.49	Ordinary	796	796

This is Annexure A of 5 pages referred to in Form 603, Notice of initial substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 3 August 2021