

Form 603
Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme Transurban Group
ACN/ARSN 098 143 410

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 06 December 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	153,517,197	153,517,197	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 – 153,517,197

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 – 9,558,700
Vanguard Group	BNY Mellon	Various funds and other accounts of Vanguard Group	Ordinary – 9,838,234
Vanguard Group	JP Morgan Chase Bank, N.A.	Various funds and other accounts of Vanguard Group	Ordinary – 110,389,076
Vanguard Group	State Street Bank and Trust Company	Various funds and other accounts of Vanguard Group	Ordinary – 23,731,187

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 08 December 2021

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.

To Company	Transurban Group
ACN/ARSN	098 143 410
Substantial Holder Name	Vanguard Group
ACN/ARSN	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
6-Aug-21	The Vanguard Group, Inc.	SELL	14.31	Ordinary	(10,324)	(10,324)
9-Aug-21	The Vanguard Group, Inc.	BUY	14.03	Ordinary	10,549	10,549
10-Aug-21	The Vanguard Group, Inc.	BUY	13.68	Ordinary	5,502	5,502
10-Aug-21	The Vanguard Group, Inc.	BUY	13.64	Ordinary	25,402	25,402
11-Aug-21	The Vanguard Group, Inc.	BUY	13.42	Ordinary	5,492	5,492
11-Aug-21	The Vanguard Group, Inc.	BUY	13.42	Ordinary	3,668	3,668
11-Aug-21	The Vanguard Group, Inc.	BUY	13.42	Ordinary	5,673	5,673
11-Aug-21	The Vanguard Group, Inc.	BUY	13.42	Ordinary	27,424	27,424
11-Aug-21	The Vanguard Group, Inc.	BUY	13.42	Ordinary	39,122	39,122
11-Aug-21	The Vanguard Group, Inc.	BUY	13.42	Ordinary	1,572	1,572
11-Aug-21	The Vanguard Group, Inc.	BUY	13.42	Ordinary	3,086	3,086
12-Aug-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	8,534	8,534
13-Aug-21	The Vanguard Group, Inc.	BUY	13.47	Ordinary	9,440	9,440
13-Aug-21	The Vanguard Group, Inc.	BUY	13.47	Ordinary	14,750	14,750
13-Aug-21	The Vanguard Group, Inc.	BUY	13.47	Ordinary	7,080	7,080
13-Aug-21	The Vanguard Group, Inc.	BUY	13.47	Ordinary	10,620	10,620
16-Aug-21	The Vanguard Group, Inc.	BUY	13.69	Ordinary	11,468	11,468
16-Aug-21	The Vanguard Group, Inc.	BUY	13.69	Ordinary	28,670	28,670
17-Aug-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	25,876	25,876
17-Aug-21	The Vanguard Group, Inc.	BUY	13.65	Ordinary	29,054	29,054
17-Aug-21	The Vanguard Group, Inc.	BUY	13.50	Ordinary	15,430	15,430
18-Aug-21	The Vanguard Group, Inc.	SELL	13.82	Ordinary	(1,326)	(1,326)
18-Aug-21	The Vanguard Group, Inc.	BUY	13.82	Ordinary	18,291	18,291
18-Aug-21	The Vanguard Group, Inc.	BUY	13.82	Ordinary	3,691	3,691
18-Aug-21	The Vanguard Group, Inc.	BUY	13.73	Ordinary	19,470	19,470
18-Aug-21	The Vanguard Group, Inc.	BUY	13.73	Ordinary	3,144	3,144
18-Aug-21	The Vanguard Group, Inc.	BUY	13.56	Ordinary	19,942	19,942
19-Aug-21	The Vanguard Group, Inc.	BUY	13.96	Ordinary	2,854	2,854
19-Aug-21	The Vanguard Group, Inc.	BUY	14.02	Ordinary	25,210	25,210
19-Aug-21	The Vanguard Group, Inc.	BUY	14.02	Ordinary	2,358	2,358
20-Aug-21	The Vanguard Group, Inc.	BUY	14.03	Ordinary	6,715	6,715
20-Aug-21	The Vanguard Group, Inc.	BUY	14.09	Ordinary	14,335	14,335
20-Aug-21	The Vanguard Group, Inc.	BUY	14.03	Ordinary	23,471	23,471
23-Aug-21	The Vanguard Group, Inc.	BUY	14.00	Ordinary	5,673	5,673
23-Aug-21	The Vanguard Group, Inc.	BUY	14.00	Ordinary	11,468	11,468
23-Aug-21	The Vanguard Group, Inc.	BUY	14.00	Ordinary	17,202	17,202
23-Aug-21	The Vanguard Group, Inc.	BUY	14.00	Ordinary	10,084	10,084
23-Aug-21	The Vanguard Group, Inc.	BUY	14.00	Ordinary	15,126	15,126
23-Aug-21	The Vanguard Group, Inc.	BUY	14.00	Ordinary	8,850	8,850
23-Aug-21	The Vanguard Group, Inc.	BUY	14.00	Ordinary	8,850	8,850
23-Aug-21	The Vanguard Group, Inc.	BUY	14.00	Ordinary	1,572	1,572
23-Aug-21	The Vanguard Group, Inc.	BUY	13.99	Ordinary	30,051	30,051
24-Aug-21	The Vanguard Group, Inc.	BUY	13.97	Ordinary	2,901	2,901
24-Aug-21	The Vanguard Group, Inc.	BUY	14.03	Ordinary	111,409	111,409
25-Aug-21	The Vanguard Group, Inc.	BUY	14.08	Ordinary	1,594	1,594
25-Aug-21	The Vanguard Group, Inc.	BUY	14.04	Ordinary	7,080	7,080
25-Aug-21	The Vanguard Group, Inc.	BUY	14.08	Ordinary	51,877	51,877
25-Aug-21	The Vanguard Group, Inc.	SELL	14.14	Ordinary	(852)	(852)
26-Aug-21	The Vanguard Group, Inc.	BUY	14.03	Ordinary	51,968	51,968
26-Aug-21	The Vanguard Group, Inc.	BUY	14.03	Ordinary	21,557	21,557
26-Aug-21	The Vanguard Group, Inc.	BUY	14.03	Ordinary	24,621	24,621
27-Aug-21	The Vanguard Group, Inc.	BUY	14.10	Ordinary	5,673	5,673
27-Aug-21	The Vanguard Group, Inc.	BUY	14.10	Ordinary	9,455	9,455
27-Aug-21	The Vanguard Group, Inc.	BUY	14.10	Ordinary	11,468	11,468
27-Aug-21	The Vanguard Group, Inc.	BUY	14.04	Ordinary	49,749	49,749
27-Aug-21	The Vanguard Group, Inc.	BUY	14.10	Ordinary	8,850	8,850
27-Aug-21	The Vanguard Group, Inc.	BUY	14.04	Ordinary	23,441	23,441
30-Aug-21	The Vanguard Group, Inc.	BUY	14.05	Ordinary	60,237	60,237
30-Aug-21	The Vanguard Group, Inc.	BUY	14.05	Ordinary	37,733	37,733
31-Aug-21	The Vanguard Group, Inc.	SELL	14.21	Ordinary	(66,405)	(66,405)
31-Aug-21	The Vanguard Group, Inc.	SELL	14.21	Ordinary	(978)	(978)
1-Sep-21	The Vanguard Group, Inc.	BUY	14.27	Ordinary	23,671	23,671
1-Sep-21	The Vanguard Group, Inc.	BUY	14.20	Ordinary	39,415	39,415
1-Sep-21	The Vanguard Group, Inc.	BUY	14.20	Ordinary	22,150	22,150
2-Sep-21	The Vanguard Group, Inc.	BUY	14.36	Ordinary	18,581	18,581
2-Sep-21	The Vanguard Group, Inc.	BUY	14.26	Ordinary	20,617	20,617
3-Sep-21	The Vanguard Group, Inc.	BUY	14.32	Ordinary	2,604	2,604
3-Sep-21	The Vanguard Group, Inc.	BUY	14.32	Ordinary	1,991	1,991

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
3-Sep-21	The Vanguard Group, Inc.	BUY	14.28	Ordinary	5,140	5,140
3-Sep-21	The Vanguard Group, Inc.	BUY	14.28	Ordinary	1,572	1,572
3-Sep-21	The Vanguard Group, Inc.	BUY	14.28	Ordinary	4,629	4,629
7-Sep-21	The Vanguard Group, Inc.	BUY	14.33	Ordinary	1,328	1,328
7-Sep-21	The Vanguard Group, Inc.	BUY	14.33	Ordinary	23,399	23,399
7-Sep-21	The Vanguard Group, Inc.	BUY	14.32	Ordinary	21,031	21,031
8-Sep-21	The Vanguard Group, Inc.	BUY	14.50	Ordinary	25,992	25,992
10-Sep-21	The Vanguard Group, Inc.	BUY	13.98	Ordinary	1,340	1,340
10-Sep-21	The Vanguard Group, Inc.	BUY	13.98	Ordinary	25,007	25,007
13-Sep-21	The Vanguard Group, Inc.	SELL	13.80	Ordinary	(15,597)	(15,597)
14-Sep-21	The Vanguard Group, Inc.	BUY	13.76	Ordinary	4,629	4,629
15-Sep-21	The Vanguard Group, Inc.	BUY	13.88	Ordinary	14,706	14,706
15-Sep-21	The Vanguard Group, Inc.	BUY	13.93	Ordinary	2,358	2,358
15-Sep-21	The Vanguard Group, Inc.	BUY	13.93	Ordinary	3,144	3,144
17-Sep-21	The Vanguard Group, Inc.	SELL	14.17	Ordinary	(9,162)	(9,162)
17-Sep-21	The Vanguard Group, Inc.	SELL	14.17	Ordinary	(12,725)	(12,725)
17-Sep-21	The Vanguard Group, Inc.	SELL	14.17	Ordinary	(3,949)	(3,949)
17-Sep-21	The Vanguard Group, Inc.	SELL	14.18	Ordinary	(24,163)	(24,163)
17-Sep-21	The Vanguard Group, Inc.	BUY	14.18	Ordinary	748	748
17-Sep-21	The Vanguard Group, Inc.	SELL	14.17	Ordinary	(26,620)	(26,620)
17-Sep-21	The Vanguard Group, Inc.	SELL	14.17	Ordinary	(50,469)	(50,469)
17-Sep-21	The Vanguard Group, Inc.	SELL	14.17	Ordinary	(103,871)	(103,871)
17-Sep-21	The Vanguard Group, Inc.	SELL	14.17	Ordinary	(209,806)	(209,806)
17-Sep-21	The Vanguard Group, Inc.	BUY	14.09	Ordinary	2,358	2,358
17-Sep-21	The Vanguard Group, Inc.	SELL	14.17	Ordinary	(93,377)	(93,377)
23-Sep-21	The Vanguard Group, Inc.	BUY	14.00	Ordinary	1,444	1,444
23-Sep-21	The Vanguard Group, Inc.	BUY	13.92	Ordinary	2,708	2,708
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	54,712	54,712
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	98,097	98,097
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	21,714	21,714
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	7,456	7,456
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	70,308	70,308
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	637,232	637,232
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	16,500	16,500
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	690	690
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	7,277	7,277
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	9,626	9,626
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	5,724	5,724
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	13,794	13,794
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	569,433	569,433
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	130,851	130,851
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	2,040,903	2,040,903
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	310,842	310,842
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	3,904,145	3,904,145
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	33,436	33,436
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	17,311	17,311
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	1,339,075	1,339,075
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	79,215	79,215
23-Sep-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	184,716	184,716
24-Sep-21	The Vanguard Group, Inc.	BUY	14.05	Ordinary	3,214	3,214
24-Sep-21	The Vanguard Group, Inc.	BUY	14.05	Ordinary	52,690	52,690
24-Sep-21	The Vanguard Group, Inc.	SELL	14.15	Ordinary	(476)	(476)
24-Sep-21	The Vanguard Group, Inc.	BUY	14.05	Ordinary	695	695
24-Sep-21	The Vanguard Group, Inc.	BUY	14.03	Ordinary	3,200	3,200
24-Sep-21	The Vanguard Group, Inc.	BUY	14.05	Ordinary	87,334	87,334
27-Sep-21	The Vanguard Group, Inc.	BUY	14.05	Ordinary	2,400	2,400
28-Sep-21	The Vanguard Group, Inc.	BUY	13.70	Ordinary	5,372	5,372
28-Sep-21	The Vanguard Group, Inc.	BUY	13.85	Ordinary	47,344	47,344
28-Sep-21	The Vanguard Group, Inc.	BUY	13.85	Ordinary	39,291	39,291
28-Sep-21	The Vanguard Group, Inc.	BUY	13.85	Ordinary	52,421	52,421
28-Sep-21	The Vanguard Group, Inc.	BUY	13.85	Ordinary	16,224	16,224
28-Sep-21	The Vanguard Group, Inc.	BUY	13.70	Ordinary	3,158	3,158
29-Sep-21	The Vanguard Group, Inc.	BUY	13.71	Ordinary	2,374	2,374
29-Sep-21	The Vanguard Group, Inc.	BUY	13.75	Ordinary	6,670	6,670
29-Sep-21	The Vanguard Group, Inc.	BUY	13.90	Ordinary	13,971	13,971
30-Sep-21	The Vanguard Group, Inc.	BUY	13.78	Ordinary	20,044	20,044
30-Sep-21	The Vanguard Group, Inc.	BUY	13.94	Ordinary	50,288	50,288
30-Sep-21	The Vanguard Group, Inc.	BUY	14.16	Ordinary	105,856	105,856
30-Sep-21	The Vanguard Group, Inc.	BUY	14.16	Ordinary	39,504	39,504
1-Oct-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	2,820	2,820
1-Oct-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	29,715	29,715
1-Oct-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	1,050	1,050
1-Oct-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	2,149	2,149
1-Oct-21	The Vanguard Group, Inc.	BUY	13.88	Ordinary	1,534	1,534
1-Oct-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	81,184	81,184

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-Oct-21	The Vanguard Group, Inc.	BUY	13.00	Ordinary	7,674	7,674
1-Oct-21	The Vanguard Group, Inc.	BUY	13.99	Ordinary	5,673	5,673
1-Oct-21	The Vanguard Group, Inc.	BUY	13.93	Ordinary	91,040	91,040
4-Oct-21	The Vanguard Group, Inc.	BUY	14.27	Ordinary	2,914	2,914
4-Oct-21	The Vanguard Group, Inc.	BUY	14.27	Ordinary	56,160	56,160
4-Oct-21	The Vanguard Group, Inc.	BUY	14.20	Ordinary	47,649	47,649
5-Oct-21	The Vanguard Group, Inc.	BUY	14.19	Ordinary	1,350	1,350
5-Oct-21	The Vanguard Group, Inc.	SELL	14.19	Ordinary	(101,867)	(101,867)
5-Oct-21	The Vanguard Group, Inc.	BUY	14.19	Ordinary	2,337	2,337
5-Oct-21	The Vanguard Group, Inc.	BUY	14.27	Ordinary	2,400	2,400
5-Oct-21	The Vanguard Group, Inc.	BUY	14.27	Ordinary	3,326	3,326
6-Oct-21	The Vanguard Group, Inc.	BUY	14.05	Ordinary	1,445	1,445
6-Oct-21	The Vanguard Group, Inc.	BUY	14.11	Ordinary	1,600	1,600
6-Oct-21	The Vanguard Group, Inc.	SELL	14.34	Ordinary	(500)	(500)
7-Oct-21	The Vanguard Group, Inc.	BUY	14.00	Ordinary	3,881	3,881
7-Oct-21	The Vanguard Group, Inc.	SELL	14.00	Ordinary	(19,642)	(19,642)
7-Oct-21	The Vanguard Group, Inc.	BUY	14.00	Ordinary	5,568	5,568
7-Oct-21	The Vanguard Group, Inc.	SELL	14.22	Ordinary	(3,338)	(3,338)
7-Oct-21	The Vanguard Group, Inc.	BUY	14.05	Ordinary	3,200	3,200
8-Oct-21	The Vanguard Group, Inc.	BUY	13.77	Ordinary	9,338	9,338
8-Oct-21	The Vanguard Group, Inc.	BUY	13.77	Ordinary	18,858	18,858
8-Oct-21	The Vanguard Group, Inc.	BUY	13.77	Ordinary	4,000	4,000
8-Oct-21	The Vanguard Group, Inc.	BUY	14.04	Ordinary	19,609	19,609
11-Oct-21	The Vanguard Group, Inc.	BUY	13.79	Ordinary	1,355	1,355
11-Oct-21	The Vanguard Group, Inc.	BUY	13.73	Ordinary	7,564	7,564
12-Oct-21	The Vanguard Group, Inc.	BUY	13.74	Ordinary	232	232
12-Oct-21	The Vanguard Group, Inc.	BUY	13.74	Ordinary	12,949	12,949
12-Oct-21	The Vanguard Group, Inc.	BUY	13.58	Ordinary	4,002	4,002
12-Oct-21	The Vanguard Group, Inc.	BUY	13.58	Ordinary	2,400	2,400
12-Oct-21	The Vanguard Group, Inc.	BUY	13.74	Ordinary	31,463	31,463
13-Oct-21	The Vanguard Group, Inc.	BUY	13.72	Ordinary	7,564	7,564
13-Oct-21	The Vanguard Group, Inc.	BUY	13.72	Ordinary	12,572	12,572
13-Oct-21	The Vanguard Group, Inc.	BUY	13.72	Ordinary	25,144	25,144
13-Oct-21	The Vanguard Group, Inc.	BUY	13.72	Ordinary	8,850	8,850
13-Oct-21	The Vanguard Group, Inc.	BUY	13.72	Ordinary	3,200	3,200
13-Oct-21	The Vanguard Group, Inc.	BUY	13.72	Ordinary	3,326	3,326
15-Oct-21	The Vanguard Group, Inc.	BUY	13.74	Ordinary	5,673	5,673
15-Oct-21	The Vanguard Group, Inc.	SELL	13.68	Ordinary	(494)	(494)
18-Oct-21	The Vanguard Group, Inc.	BUY	13.80	Ordinary	2,059	2,059
19-Oct-21	The Vanguard Group, Inc.	BUY	13.61	Ordinary	1,438	1,438
19-Oct-21	The Vanguard Group, Inc.	BUY	13.67	Ordinary	8,850	8,850
19-Oct-21	The Vanguard Group, Inc.	BUY	13.67	Ordinary	2,400	2,400
19-Oct-21	The Vanguard Group, Inc.	BUY	13.67	Ordinary	4,995	4,995
19-Oct-21	The Vanguard Group, Inc.	BUY	13.67	Ordinary	1,665	1,665
20-Oct-21	The Vanguard Group, Inc.	BUY	13.80	Ordinary	3,908	3,908
20-Oct-21	The Vanguard Group, Inc.	BUY	13.80	Ordinary	4,223	4,223
20-Oct-21	The Vanguard Group, Inc.	BUY	13.81	Ordinary	3,330	3,330
21-Oct-21	The Vanguard Group, Inc.	BUY	13.83	Ordinary	38,841	38,841
21-Oct-21	The Vanguard Group, Inc.	BUY	13.66	Ordinary	13,320	13,320
22-Oct-21	The Vanguard Group, Inc.	BUY	13.75	Ordinary	4,341	4,341
22-Oct-21	The Vanguard Group, Inc.	SELL	13.75	Ordinary	(16,970)	(16,970)
25-Oct-21	The Vanguard Group, Inc.	BUY	13.74	Ordinary	1,504	1,504
25-Oct-21	The Vanguard Group, Inc.	BUY	13.78	Ordinary	18,858	18,858
26-Oct-21	The Vanguard Group, Inc.	BUY	13.78	Ordinary	2,400	2,400
26-Oct-21	The Vanguard Group, Inc.	BUY	13.79	Ordinary	34,178	34,178
27-Oct-21	The Vanguard Group, Inc.	BUY	13.69	Ordinary	6,490	6,490
27-Oct-21	The Vanguard Group, Inc.	BUY	13.69	Ordinary	11,800	11,800
27-Oct-21	The Vanguard Group, Inc.	BUY	13.69	Ordinary	2,400	2,400
27-Oct-21	The Vanguard Group, Inc.	SELL	13.88	Ordinary	(764)	(764)
28-Oct-21	The Vanguard Group, Inc.	BUY	13.68	Ordinary	1,444	1,444
28-Oct-21	The Vanguard Group, Inc.	BUY	13.72	Ordinary	5,310	5,310
29-Oct-21	The Vanguard Group, Inc.	BUY	13.44	Ordinary	1,439	1,439
29-Oct-21	The Vanguard Group, Inc.	BUY	13.44	Ordinary	3,107	3,107
29-Oct-21	The Vanguard Group, Inc.	SELL	13.54	Ordinary	(13,265)	(13,265)
29-Oct-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	3,200	3,200
1-Nov-21	The Vanguard Group, Inc.	BUY	13.64	Ordinary	40,039	40,039
1-Nov-21	The Vanguard Group, Inc.	BUY	13.66	Ordinary	18,858	18,858
1-Nov-21	The Vanguard Group, Inc.	BUY	13.66	Ordinary	12,572	12,572
1-Nov-21	The Vanguard Group, Inc.	BUY	13.66	Ordinary	8,850	8,850
2-Nov-21	The Vanguard Group, Inc.	BUY	13.69	Ordinary	729	729
2-Nov-21	The Vanguard Group, Inc.	BUY	13.66	Ordinary	48,195	48,195
2-Nov-21	The Vanguard Group, Inc.	BUY	13.66	Ordinary	29,718	29,718
3-Nov-21	The Vanguard Group, Inc.	BUY	13.71	Ordinary	6,670	6,670
3-Nov-21	The Vanguard Group, Inc.	BUY	13.71	Ordinary	15,715	15,715
4-Nov-21	The Vanguard Group, Inc.	BUY	13.73	Ordinary	6,400	6,400

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
5-Nov-21	The Vanguard Group, Inc.	BUY	13.78	Ordinary	67,329	67,329
5-Nov-21	The Vanguard Group, Inc.	BUY	13.78	Ordinary	9,440	9,440
5-Nov-21	The Vanguard Group, Inc.	BUY	13.78	Ordinary	1,600	1,600
5-Nov-21	The Vanguard Group, Inc.	BUY	13.78	Ordinary	26,824	26,824
8-Nov-21	The Vanguard Group, Inc.	BUY	13.85	Ordinary	6,670	6,670
8-Nov-21	The Vanguard Group, Inc.	BUY	13.85	Ordinary	18,858	18,858
8-Nov-21	The Vanguard Group, Inc.	BUY	13.85	Ordinary	34,573	34,573
8-Nov-21	The Vanguard Group, Inc.	BUY	13.85	Ordinary	8,850	8,850
8-Nov-21	The Vanguard Group, Inc.	BUY	13.85	Ordinary	4,000	4,000
8-Nov-21	The Vanguard Group, Inc.	BUY	13.85	Ordinary	2,400	2,400
8-Nov-21	The Vanguard Group, Inc.	BUY	13.85	Ordinary	4,000	4,000
9-Nov-21	The Vanguard Group, Inc.	BUY	13.75	Ordinary	28,889	28,889
9-Nov-21	The Vanguard Group, Inc.	BUY	13.75	Ordinary	26,155	26,155
10-Nov-21	The Vanguard Group, Inc.	SELL	13.74	Ordinary	(558)	(558)
10-Nov-21	The Vanguard Group, Inc.	BUY	13.74	Ordinary	4,995	4,995
11-Nov-21	The Vanguard Group, Inc.	BUY	13.51	Ordinary	42,371	42,371
11-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	5,673	5,673
11-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	25,144	25,144
11-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	12,572	12,572
11-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	18,571	18,571
11-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	47,754	47,754
11-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	7,959	7,959
11-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	23,877	23,877
11-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	11,800	11,800
11-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	3,330	3,330
11-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	3,330	3,330
12-Nov-21	The Vanguard Group, Inc.	BUY	13.48	Ordinary	5,900	5,900
12-Nov-21	The Vanguard Group, Inc.	BUY	13.46	Ordinary	54,029	54,029
12-Nov-21	The Vanguard Group, Inc.	BUY	13.48	Ordinary	4,800	4,800
12-Nov-21	The Vanguard Group, Inc.	SELL	13.50	Ordinary	(1,264)	(1,264)
12-Nov-21	The Vanguard Group, Inc.	BUY	13.46	Ordinary	12,399	12,399
15-Nov-21	The Vanguard Group, Inc.	BUY	13.56	Ordinary	637	637
16-Nov-21	The Vanguard Group, Inc.	BUY	13.77	Ordinary	2,400	2,400
17-Nov-21	The Vanguard Group, Inc.	BUY	13.71	Ordinary	1,407	1,407
17-Nov-21	The Vanguard Group, Inc.	BUY	13.71	Ordinary	3,359	3,359
17-Nov-21	The Vanguard Group, Inc.	BUY	13.76	Ordinary	50,809	50,809
17-Nov-21	The Vanguard Group, Inc.	BUY	13.76	Ordinary	41,393	41,393
18-Nov-21	The Vanguard Group, Inc.	BUY	13.80	Ordinary	5,423	5,423
18-Nov-21	The Vanguard Group, Inc.	BUY	13.80	Ordinary	3,359	3,359
18-Nov-21	The Vanguard Group, Inc.	BUY	13.67	Ordinary	1,919	1,919
19-Nov-21	The Vanguard Group, Inc.	BUY	13.63	Ordinary	2,800	2,800
19-Nov-21	The Vanguard Group, Inc.	BUY	13.63	Ordinary	34,880	34,880
19-Nov-21	The Vanguard Group, Inc.	BUY	13.59	Ordinary	5,336	5,336
19-Nov-21	The Vanguard Group, Inc.	BUY	13.59	Ordinary	15,715	15,715
19-Nov-21	The Vanguard Group, Inc.	BUY	13.78	Ordinary	52,091	52,091
22-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	19,979	19,979
23-Nov-21	The Vanguard Group, Inc.	BUY	13.96	Ordinary	869	869
23-Nov-21	The Vanguard Group, Inc.	BUY	13.97	Ordinary	12,572	12,572
24-Nov-21	The Vanguard Group, Inc.	BUY	13.99	Ordinary	25,270	25,270
24-Nov-21	The Vanguard Group, Inc.	BUY	14.04	Ordinary	3,330	3,330
24-Nov-21	The Vanguard Group, Inc.	BUY	14.04	Ordinary	3,330	3,330
25-Nov-21	The Vanguard Group, Inc.	BUY	13.98	Ordinary	24,990	24,990
26-Nov-21	The Vanguard Group, Inc.	BUY	13.88	Ordinary	1,416	1,416
26-Nov-21	The Vanguard Group, Inc.	BUY	13.76	Ordinary	4,002	4,002
26-Nov-21	The Vanguard Group, Inc.	BUY	13.76	Ordinary	22,001	22,001
29-Nov-21	The Vanguard Group, Inc.	BUY	13.74	Ordinary	5,673	5,673
29-Nov-21	The Vanguard Group, Inc.	BUY	13.74	Ordinary	18,858	18,858
30-Nov-21	The Vanguard Group, Inc.	BUY	13.66	Ordinary	4,068	4,068
30-Nov-21	The Vanguard Group, Inc.	SELL	13.70	Ordinary	(43,570)	(43,570)
30-Nov-21	The Vanguard Group, Inc.	BUY	13.66	Ordinary	2,022	2,022
30-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	5,673	5,673
30-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	18,858	18,858
30-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	25,144	25,144
30-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	31,430	31,430
30-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	7,959	7,959
30-Nov-21	The Vanguard Group, Inc.	BUY	13.54	Ordinary	15,930	15,930
30-Nov-21	The Vanguard Group, Inc.	BUY	13.80	Ordinary	31,880	31,880
30-Nov-21	The Vanguard Group, Inc.	BUY	13.66	Ordinary	1,551	1,551
30-Nov-21	The Vanguard Group, Inc.	BUY	13.80	Ordinary	36,718	36,718
1-Dec-21	The Vanguard Group, Inc.	BUY	13.51	Ordinary	1,385	1,385
1-Dec-21	The Vanguard Group, Inc.	BUY	13.51	Ordinary	27,413	27,413
1-Dec-21	The Vanguard Group, Inc.	BUY	13.38	Ordinary	47,145	47,145
1-Dec-21	The Vanguard Group, Inc.	BUY	13.55	Ordinary	77,226	77,226
1-Dec-21	The Vanguard Group, Inc.	BUY	13.38	Ordinary	3,200	3,200
1-Dec-21	The Vanguard Group, Inc.	BUY	13.55	Ordinary	33,455	33,455

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
2-Dec-21	The Vanguard Group, Inc.	BUY	13.74	Ordinary	20,649	20,649
2-Dec-21	The Vanguard Group, Inc.	BUY	13.74	Ordinary	20,651	20,651
3-Dec-21	The Vanguard Group, Inc.	BUY	13.70	Ordinary	1,477	1,477
3-Dec-21	The Vanguard Group, Inc.	BUY	13.70	Ordinary	41,114	41,114
6-Dec-21	The Vanguard Group, Inc.	BUY	13.92	Ordinary	2,946	2,946
6-Dec-21	The Vanguard Group, Inc.	BUY	13.93	Ordinary	20,464	20,464
6-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.31	Ordinary	2,085	2,085
6-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.31	Ordinary	22,852	22,852
6-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.31	Ordinary	18,708	18,708
6-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.31	Ordinary	103,250	103,250
6-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.31	Ordinary	8,212	8,212
9-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.03	Ordinary	3,346	3,346
9-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.03	Ordinary	27,648	27,648
10-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.64	Ordinary	4,498	4,498
11-Aug-21	Vanguard Investments Australia Ltd.	SELL	13.42	Ordinary	(7,741)	(7,741)
12-Aug-21	Vanguard Investments Australia Ltd.	SELL	13.49	Ordinary	(2,695)	(2,695)
12-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.49	Ordinary	839	839
12-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.49	Ordinary	3,353	3,353
12-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.49	Ordinary	39,345	39,345
12-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.49	Ordinary	49,544	49,544
13-Aug-21	Vanguard Investments Australia Ltd.	SELL	13.48	Ordinary	(4,158)	(4,158)
13-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.48	Ordinary	1,342	1,342
16-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.67	Ordinary	23,480	23,480
16-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.67	Ordinary	46,280	46,280
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.82	Ordinary	18,828	18,828
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.82	Ordinary	18,648	18,648
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.82	Ordinary	46,620	46,620
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.82	Ordinary	6,180	6,180
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.82	Ordinary	5,759	5,759
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.82	Ordinary	8,593	8,593
19-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.96	Ordinary	30,316	30,316
19-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.96	Ordinary	80,385	80,385
19-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.96	Ordinary	1,714	1,714
20-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.03	Ordinary	14,124	14,124
20-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.03	Ordinary	11,685	11,685
23-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.99	Ordinary	14,021	14,021
23-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.99	Ordinary	62,037	62,037
23-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.99	Ordinary	4,122	4,122
24-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.97	Ordinary	3,363	3,363
24-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.97	Ordinary	14,133	14,133
25-Aug-21	Vanguard Investments Australia Ltd.	SELL	14.07	Ordinary	(6,733)	(6,733)
25-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.07	Ordinary	326	326
25-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.07	Ordinary	30,485	30,485
25-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.07	Ordinary	47,496	47,496
25-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.07	Ordinary	6,678	6,678
26-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.98	Ordinary	6,109	6,109
26-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.98	Ordinary	23,460	23,460
26-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.98	Ordinary	4,635	4,635
27-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.08	Ordinary	1,480	1,480
30-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.06	Ordinary	23,630	23,630
30-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.06	Ordinary	32,900	32,900
30-Aug-21	Vanguard Investments Australia Ltd.	BUY	14.06	Ordinary	6,192	6,192
1-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.27	Ordinary	511	511
1-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.27	Ordinary	18,932	18,932
1-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.27	Ordinary	35,801	35,801
1-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.27	Ordinary	788	788
1-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.27	Ordinary	4,458	4,458
2-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.36	Ordinary	37,840	37,840
2-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.36	Ordinary	174,486	174,486
2-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.36	Ordinary	6,195	6,195
3-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.32	Ordinary	3,559	3,559
3-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.32	Ordinary	91,784	91,784
3-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.32	Ordinary	8,260	8,260
6-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.36	Ordinary	42,773	42,773
6-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.36	Ordinary	28,428	28,428
7-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.33	Ordinary	19,136	19,136
7-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.33	Ordinary	1,895	1,895
8-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.50	Ordinary	9,568	9,568
8-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.50	Ordinary	73,345	73,345
9-Sep-21	Vanguard Investments Australia Ltd.	SELL	14.08	Ordinary	(6,212)	(6,212)
9-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.08	Ordinary	19,140	19,140
9-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.08	Ordinary	33,152	33,152
9-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.08	Ordinary	42,150	42,150
9-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.08	Ordinary	3,925	3,925
10-Sep-21	Vanguard Investments Australia Ltd.	BUY	13.98	Ordinary	11,235	11,235

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
13-Sep-21	Vanguard Investments Australia Ltd.	BUY	13.80	Ordinary	8,785	8,785
15-Sep-21	Vanguard Investments Australia Ltd.	SELL	13.88	Ordinary	(8,556)	(8,556)
15-Sep-21	Vanguard Investments Australia Ltd.	BUY	13.88	Ordinary	28,452	28,452
16-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.05	Ordinary	23,925	23,925
17-Sep-21	Vanguard Investments Australia Ltd.	SELL	14.17	Ordinary	(4,872)	(4,872)
17-Sep-21	Vanguard Investments Australia Ltd.	SELL	14.17	Ordinary	(5,380)	(5,380)
17-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.18	Ordinary	32,418	32,418
17-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.18	Ordinary	8,292	8,292
17-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.18	Ordinary	19,064	19,064
20-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.18	Ordinary	23,910	23,910
20-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.18	Ordinary	32,452	32,452
20-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.18	Ordinary	8,320	8,320
21-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.06	Ordinary	15,606	15,606
22-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.06	Ordinary	4,612	4,612
23-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.00	Ordinary	43,945	43,945
24-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.05	Ordinary	22,915	22,915
27-Sep-21	Vanguard Investments Australia Ltd.	BUY	14.13	Ordinary	23,050	23,050
28-Sep-21	Vanguard Investments Australia Ltd.	BUY	13.85	Ordinary	30,804	30,804
29-Sep-21	Vanguard Investments Australia Ltd.	BUY	13.71	Ordinary	47,601	47,601
29-Sep-21	Vanguard Investments Australia Ltd.	BUY	13.71	Ordinary	12,825	12,825
30-Sep-21	Vanguard Investments Australia Ltd.	SELL	14.16	Ordinary	(190,467)	(190,467)
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	146,526	146,526
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	96,327	96,327
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	204,420	204,420
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	1,422,870	1,422,870
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	35,394	35,394
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	1,216,346	1,216,346
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.93	Ordinary	37,785	37,785
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.93	Ordinary	40,304	40,304
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	3,771,760	3,771,760
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.93	Ordinary	11,405	11,405
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.93	Ordinary	9,124	9,124
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	89,961	89,961
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	118,469	118,469
4-Oct-21	Vanguard Investments Australia Ltd.	BUY	14.27	Ordinary	12,615	12,615
5-Oct-21	Vanguard Investments Australia Ltd.	BUY	14.19	Ordinary	18,256	18,256
6-Oct-21	Vanguard Investments Australia Ltd.	BUY	14.05	Ordinary	1,505	1,505
6-Oct-21	Vanguard Investments Australia Ltd.	BUY	14.05	Ordinary	6,165	6,165
7-Oct-21	Vanguard Investments Australia Ltd.	BUY	14.00	Ordinary	28,340	28,340
8-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.78	Ordinary	4,695	4,695
8-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.78	Ordinary	7,867	7,867
8-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.78	Ordinary	40,416	40,416
11-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.79	Ordinary	11,455	11,455
12-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.56	Ordinary	16,037	16,037
13-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.45	Ordinary	7,560	7,560
13-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.45	Ordinary	1,243	1,243
13-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.45	Ordinary	5,335	5,335
14-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.69	Ordinary	31,086	31,086
14-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.69	Ordinary	2,642	2,642
15-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.69	Ordinary	32,695	32,695
18-Oct-21	Vanguard Investments Australia Ltd.	SELL	13.73	Ordinary	(12,585)	(12,585)
18-Oct-21	Vanguard Investments Australia Ltd.	SELL	13.73	Ordinary	(40,150)	(40,150)
18-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.73	Ordinary	9,164	9,164
19-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.61	Ordinary	1,300	1,300
19-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.61	Ordinary	9,164	9,164
19-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.61	Ordinary	5,952	5,952
21-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.62	Ordinary	18,504	18,504
21-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.62	Ordinary	32,591	32,591
22-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.75	Ordinary	31,086	31,086
26-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.77	Ordinary	9,164	9,164
27-Oct-21	Vanguard Investments Australia Ltd.	IN SPECIE	13.75	Ordinary	(1,460,232)	(1,460,232)
27-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.75	Ordinary	67,353	67,353
28-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.68	Ordinary	218,207	218,207
28-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.68	Ordinary	1,755	1,755
29-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.44	Ordinary	37,740	37,740
29-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.44	Ordinary	9,164	9,164
29-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.44	Ordinary	22,588	22,588
1-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.65	Ordinary	12,580	12,580
1-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.65	Ordinary	4,834	4,834
2-Nov-21	Vanguard Investments Australia Ltd.	SELL	13.69	Ordinary	(148,365)	(148,365)
3-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.65	Ordinary	7,191	7,191
3-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.65	Ordinary	25,880	25,880
3-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.65	Ordinary	4,906	4,906
4-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.68	Ordinary	30,144	30,144
4-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.68	Ordinary	52,400	52,400

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
5-Nov-21	Vanguard Investments Australia Ltd.	IN SPECIE	13.80	Ordinary	(14,247,207)	(14,247,207)
5-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.74	Ordinary	128,946	128,946
5-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.74	Ordinary	2,831	2,831
5-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.74	Ordinary	9,168	9,168
5-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.74	Ordinary	18,244	18,244
8-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.83	Ordinary	1,452	1,452
8-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.83	Ordinary	4,392	4,392
9-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.68	Ordinary	27,577	27,577
9-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.68	Ordinary	7,547	7,547
10-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.75	Ordinary	31,182	31,182
10-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.74	Ordinary	190,932	190,932
10-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.74	Ordinary	1,241	1,241
11-Nov-21	Vanguard Investments Australia Ltd.	SELL	13.51	Ordinary	(3,338)	(3,338)
11-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.51	Ordinary	9,184	9,184
12-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.47	Ordinary	9,657	9,657
17-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.71	Ordinary	31,236	31,236
17-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.71	Ordinary	25,170	25,170
18-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.80	Ordinary	5,492	5,492
18-Nov-21	Vanguard Investments Australia Ltd.	SELL	13.80	Ordinary	(10,463)	(10,463)
18-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.80	Ordinary	63,019	63,019
18-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.80	Ordinary	7,566	7,566
18-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.80	Ordinary	16,107	16,107
19-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.63	Ordinary	36,554	36,554
19-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.63	Ordinary	13,812	13,812
22-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.65	Ordinary	13,812	13,812
22-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.65	Ordinary	9,099	9,099
23-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.96	Ordinary	10,088	10,088
23-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.96	Ordinary	25,220	25,220
24-Nov-21	Vanguard Investments Australia Ltd.	BUY	14.00	Ordinary	30,288	30,288
24-Nov-21	Vanguard Investments Australia Ltd.	BUY	14.00	Ordinary	1,229	1,229
25-Nov-21	Vanguard Investments Australia Ltd.	IN SPECIE	14.07	Ordinary	(790,244)	(790,244)
25-Nov-21	Vanguard Investments Australia Ltd.	IN SPECIE	14.07	Ordinary	(2,045,998)	(2,045,998)
25-Nov-21	Vanguard Investments Australia Ltd.	BUY	14.07	Ordinary	26,110	26,110
26-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.88	Ordinary	25,260	25,260
26-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.88	Ordinary	7,423	7,423
30-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.66	Ordinary	2,751	2,751
30-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.66	Ordinary	26,105	26,105
30-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.66	Ordinary	30,396	30,396
30-Nov-21	Vanguard Investments Australia Ltd.	SELL	13.66	Ordinary	(24,356)	(24,356)
2-Dec-21	Vanguard Investments Australia Ltd.	BUY	13.78	Ordinary	37,980	37,980
3-Dec-21	Vanguard Investments Australia Ltd.	BUY	13.70	Ordinary	71,146	71,146
6-Dec-21	Vanguard Investments Australia Ltd.	BUY	13.92	Ordinary	26,105	26,105
6-Dec-21	Vanguard Investments Australia Ltd.	BUY	13.92	Ordinary	7,644	7,644

This is Annexure A of 7 pages referred to in Form 603, Notice of initial substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 08 December 2021