

Form 604Corporations Act 2001
Section 671B**Notice of change of interests of substantial holder**

To Company Name/Scheme Charter Hall Long WALE REIT
ACN/ARSN 610 772 202

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

There was a change in the interests of the substantial holder on 16 September 2022

The previous notice was given to the company on 21 December 2021

The previous notice was dated 21 December 2021

2. Previous and present 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 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)
Ordinary	55,075,657	7.667%	62,956,033	8.708%

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					

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
Vanguard Group	Brown Brothers Harriman	Various funds and other accounts of 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 – 334,652	334,652
Vanguard Group	BNY Mellon	Various funds and other accounts of 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 – 3,118,646	3,118,646
Vanguard Group	JP Morgan Chase Bank, N.A.	Various funds and other accounts of 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 – 51,018,500	51,018,500
Vanguard Group	State Street Bank and Trust Company	Various funds and other accounts of 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 – 8,484,235	8,484,235

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
N/A	N/A

6. 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

Signature

print name Shawn Acker capacity Compliance Manager

sign here  date 20 September 2022

To Company Charter Hall Long WALE REIT
ACN/ARSN 610 772 202

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
17-Dec-21	The Vanguard Group, Inc.	BUY	5.16	Ordinary	33,990	33,990
17-Dec-21	The Vanguard Group, Inc.	BUY	5.16	Ordinary	3,914	3,914
17-Dec-21	The Vanguard Group, Inc.	SELL	5.16	Ordinary	(27,668)	(27,668)
20-Dec-21	The Vanguard Group, Inc.	BUY	5.14	Ordinary	4,080	4,080
20-Dec-21	The Vanguard Group, Inc.	SELL	5.13	Ordinary	(131,543)	(131,543)
21-Dec-21	The Vanguard Group, Inc.	BUY	5.08	Ordinary	5,820	5,820
21-Dec-21	The Vanguard Group, Inc.	BUY	5.08	Ordinary	4,536	4,536
21-Dec-21	The Vanguard Group, Inc.	BUY	5.08	Ordinary	15,876	15,876
22-Dec-21	The Vanguard Group, Inc.	BUY	5.03	Ordinary	4,536	4,536
28-Dec-21	The Vanguard Group, Inc.	BUY	5.10	Ordinary	6,804	6,804
28-Dec-21	The Vanguard Group, Inc.	BUY	5.10	Ordinary	4,536	4,536
29-Dec-21	The Vanguard Group, Inc.	BUY	5.15	Ordinary	3,522	3,522
29-Dec-21	The Vanguard Group, Inc.	BUY	5.15	Ordinary	5,670	5,670
30-Dec-21	The Vanguard Group, Inc.	BUY	5.08	Ordinary	5,670	5,670
3-Jan-22	The Vanguard Group, Inc.	BUY	5.06	Ordinary	4,536	4,536
5-Jan-22	The Vanguard Group, Inc.	BUY	5.14	Ordinary	25,783	25,783
5-Jan-22	The Vanguard Group, Inc.	BUY	5.11	Ordinary	4,536	4,536
5-Jan-22	The Vanguard Group, Inc.	BUY	5.11	Ordinary	6,804	6,804
5-Jan-22	The Vanguard Group, Inc.	BUY	5.11	Ordinary	5,670	5,670
6-Jan-22	The Vanguard Group, Inc.	BUY	5.03	Ordinary	8,442	8,442
7-Jan-22	The Vanguard Group, Inc.	BUY	5.04	Ordinary	10,206	10,206
7-Jan-22	The Vanguard Group, Inc.	BUY	5.04	Ordinary	9,072	9,072
11-Jan-22	The Vanguard Group, Inc.	BUY	4.94	Ordinary	24,948	24,948
11-Jan-22	The Vanguard Group, Inc.	BUY	4.94	Ordinary	5,670	5,670
11-Jan-22	The Vanguard Group, Inc.	BUY	4.94	Ordinary	6,804	6,804
11-Jan-22	The Vanguard Group, Inc.	BUY	4.94	Ordinary	14,121	14,121
11-Jan-22	The Vanguard Group, Inc.	BUY	4.94	Ordinary	2,092	2,092
12-Jan-22	The Vanguard Group, Inc.	BUY	4.93	Ordinary	10,206	10,206
12-Jan-22	The Vanguard Group, Inc.	BUY	4.93	Ordinary	4,184	4,184
13-Jan-22	The Vanguard Group, Inc.	BUY	4.91	Ordinary	5,628	5,628
14-Jan-22	The Vanguard Group, Inc.	BUY	4.96	Ordinary	5,736	5,736
17-Jan-22	The Vanguard Group, Inc.	BUY	4.94	Ordinary	64,020	64,020
18-Jan-22	The Vanguard Group, Inc.	BUY	4.97	Ordinary	8,442	8,442
18-Jan-22	The Vanguard Group, Inc.	BUY	4.97	Ordinary	22,512	22,512
20-Jan-22	The Vanguard Group, Inc.	BUY	4.87	Ordinary	4,732	4,732
24-Jan-22	The Vanguard Group, Inc.	BUY	4.85	Ordinary	25,326	25,326
25-Jan-22	The Vanguard Group, Inc.	BUY	4.83	Ordinary	14,381	14,381
26-Jan-22	The Vanguard Group, Inc.	BUY	4.74	Ordinary	5,636	5,636
27-Jan-22	The Vanguard Group, Inc.	BUY	4.80	Ordinary	118,216	118,216
31-Jan-22	The Vanguard Group, Inc.	BUY	4.84	Ordinary	5,915	5,915
7-Feb-22	The Vanguard Group, Inc.	BUY	4.85	Ordinary	1,912	1,912
7-Feb-22	The Vanguard Group, Inc.	BUY	4.85	Ordinary	4,732	4,732
7-Feb-22	The Vanguard Group, Inc.	BUY	4.86	Ordinary	77,718	77,718
15-Feb-22	The Vanguard Group, Inc.	BUY	4.91	Ordinary	3,824	3,824
15-Feb-22	The Vanguard Group, Inc.	BUY	4.91	Ordinary	5,915	5,915
16-Feb-22	The Vanguard Group, Inc.	BUY	4.94	Ordinary	5,915	5,915
22-Feb-22	The Vanguard Group, Inc.	BUY	5.03	Ordinary	7,098	7,098
24-Feb-22	The Vanguard Group, Inc.	SELL	5.06	Ordinary	(2,025)	(2,025)
25-Feb-22	The Vanguard Group, Inc.	BUY	5.15	Ordinary	4,732	4,732
25-Feb-22	The Vanguard Group, Inc.	BUY	5.15	Ordinary	5,915	5,915
2-Mar-22	The Vanguard Group, Inc.	BUY	5.09	Ordinary	5,915	5,915
3-Mar-22	The Vanguard Group, Inc.	BUY	5.06	Ordinary	11,320	11,320
7-Mar-22	The Vanguard Group, Inc.	SELL	5.04	Ordinary	(3,000)	(3,000)
8-Mar-22	The Vanguard Group, Inc.	BUY	5.06	Ordinary	2,098	2,098
9-Mar-22	The Vanguard Group, Inc.	BUY	5.14	Ordinary	4,196	4,196
9-Mar-22	The Vanguard Group, Inc.	BUY	5.13	Ordinary	18,928	18,928
10-Mar-22	The Vanguard Group, Inc.	SELL	5.17	Ordinary	(6,391)	(6,391)
11-Mar-22	The Vanguard Group, Inc.	BUY	5.11	Ordinary	4,196	4,196
14-Mar-22	The Vanguard Group, Inc.	SELL	5.17	Ordinary	(1,689)	(1,689)
14-Mar-22	The Vanguard Group, Inc.	BUY	5.17	Ordinary	113,690	113,690
15-Mar-22	The Vanguard Group, Inc.	BUY	5.20	Ordinary	7,630	7,630

Annexure 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
15-Mar-22	The Vanguard Group, Inc.	BUY	5.22	Ordinary	4,196	4,196
15-Mar-22	The Vanguard Group, Inc.	BUY	5.22	Ordinary	4,196	4,196
16-Mar-22	The Vanguard Group, Inc.	BUY	5.26	Ordinary	3,501	3,501
16-Mar-22	The Vanguard Group, Inc.	BUY	5.26	Ordinary	13,300	13,300
16-Mar-22	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(14,686)	(14,686)
16-Mar-22	The Vanguard Group, Inc.	BUY	5.26	Ordinary	33,647	33,647
16-Mar-22	The Vanguard Group, Inc.	BUY	5.26	Ordinary	5,423	5,423
16-Mar-22	The Vanguard Group, Inc.	BUY	5.25	Ordinary	336,651	336,651
16-Mar-22	The Vanguard Group, Inc.	BUY	5.26	Ordinary	24,564	24,564
16-Mar-22	The Vanguard Group, Inc.	BUY	5.26	Ordinary	9,681	9,681
17-Mar-22	The Vanguard Group, Inc.	BUY	5.26	Ordinary	6,651	6,651
17-Mar-22	The Vanguard Group, Inc.	BUY	5.26	Ordinary	25,270	25,270
17-Mar-22	The Vanguard Group, Inc.	BUY	5.26	Ordinary	63,929	63,929
17-Mar-22	The Vanguard Group, Inc.	BUY	5.26	Ordinary	10,303	10,303
17-Mar-22	The Vanguard Group, Inc.	BUY	5.26	Ordinary	46,673	46,673
17-Mar-22	The Vanguard Group, Inc.	BUY	5.26	Ordinary	18,394	18,394
18-Mar-22	The Vanguard Group, Inc.	BUY	5.34	Ordinary	18,272	18,272
18-Mar-22	The Vanguard Group, Inc.	BUY	5.33	Ordinary	59,856	59,856
18-Mar-22	The Vanguard Group, Inc.	BUY	5.33	Ordinary	227,434	227,434
18-Mar-22	The Vanguard Group, Inc.	BUY	5.33	Ordinary	575,369	575,369
18-Mar-22	The Vanguard Group, Inc.	BUY	5.33	Ordinary	92,719	92,719
18-Mar-22	The Vanguard Group, Inc.	BUY	5.33	Ordinary	420,060	420,060
18-Mar-22	The Vanguard Group, Inc.	BUY	5.33	Ordinary	165,547	165,547
22-Mar-22	The Vanguard Group, Inc.	BUY	5.30	Ordinary	310,572	310,572
23-Mar-22	The Vanguard Group, Inc.	BUY	5.32	Ordinary	267,953	267,953
23-Mar-22	The Vanguard Group, Inc.	BUY	5.32	Ordinary	135,139	135,139
25-Mar-22	The Vanguard Group, Inc.	BUY	5.30	Ordinary	820	820
28-Mar-22	The Vanguard Group, Inc.	BUY	5.29	Ordinary	8,134	8,134
29-Mar-22	The Vanguard Group, Inc.	BUY	5.32	Ordinary	8,788	8,788
29-Mar-22	The Vanguard Group, Inc.	BUY	5.32	Ordinary	173,045	173,045
29-Mar-22	The Vanguard Group, Inc.	BUY	5.32	Ordinary	75,754	75,754
30-Mar-22	The Vanguard Group, Inc.	SELL	5.29	Ordinary	(10,144)	(10,144)
31-Mar-22	The Vanguard Group, Inc.	SELL	5.30	Ordinary	(22,824)	(22,824)
31-Mar-22	The Vanguard Group, Inc.	BUY	5.30	Ordinary	4,720	4,720
6-Apr-22	The Vanguard Group, Inc.	BUY	5.36	Ordinary	5,050	5,050
8-Apr-22	The Vanguard Group, Inc.	BUY	5.34	Ordinary	5,934	5,934
12-Apr-22	The Vanguard Group, Inc.	SELL	5.31	Ordinary	(36,825)	(36,825)
12-Apr-22	The Vanguard Group, Inc.	BUY	5.31	Ordinary	9,930	9,930
12-Apr-22	The Vanguard Group, Inc.	BUY	5.31	Ordinary	5,958	5,958
13-Apr-22	The Vanguard Group, Inc.	BUY	5.32	Ordinary	155,973	155,973
14-Apr-22	The Vanguard Group, Inc.	BUY	5.32	Ordinary	65,013	65,013
19-Apr-22	The Vanguard Group, Inc.	SELL	5.36	Ordinary	(2,148)	(2,148)
20-Apr-22	The Vanguard Group, Inc.	SELL	5.34	Ordinary	(4,786)	(4,786)
20-Apr-22	The Vanguard Group, Inc.	BUY	5.35	Ordinary	76,934	76,934
22-Apr-22	The Vanguard Group, Inc.	SELL	5.36	Ordinary	(6,999)	(6,999)
22-Apr-22	The Vanguard Group, Inc.	BUY	5.40	Ordinary	42,800	42,800
22-Apr-22	The Vanguard Group, Inc.	SELL	5.40	Ordinary	(5,034)	(5,034)
26-Apr-22	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(4,666)	(4,666)
26-Apr-22	The Vanguard Group, Inc.	BUY	5.32	Ordinary	76,572	76,572
27-Apr-22	The Vanguard Group, Inc.	SELL	5.34	Ordinary	(4,842)	(4,842)
27-Apr-22	The Vanguard Group, Inc.	BUY	5.33	Ordinary	129,835	129,835
29-Apr-22	The Vanguard Group, Inc.	SELL	5.36	Ordinary	(69,259)	(69,259)
2-May-22	The Vanguard Group, Inc.	SELL	5.20	Ordinary	(2,347)	(2,347)
4-May-22	The Vanguard Group, Inc.	BUY	5.01	Ordinary	1,620	1,620
4-May-22	The Vanguard Group, Inc.	BUY	5.07	Ordinary	67,981	67,981
5-May-22	The Vanguard Group, Inc.	SELL	4.99	Ordinary	(8,948)	(8,948)
5-May-22	The Vanguard Group, Inc.	BUY	5.04	Ordinary	31,204	31,204
6-May-22	The Vanguard Group, Inc.	BUY	4.94	Ordinary	84,120	84,120
19-May-22	The Vanguard Group, Inc.	BUY	4.91	Ordinary	2,200	2,200
3-Jun-22	The Vanguard Group, Inc.	SELL	4.90	Ordinary	(8,598)	(8,598)
13-Jun-22	The Vanguard Group, Inc.	BUY	4.31	Ordinary	3,770	3,770
14-Jun-22	The Vanguard Group, Inc.	BUY	4.36	Ordinary	8,879	8,879
23-Jun-22	The Vanguard Group, Inc.	BUY	4.40	Ordinary	30,651	30,651
27-Jun-22	The Vanguard Group, Inc.	BUY	4.59	Ordinary	5,796	5,796
28-Jun-22	The Vanguard Group, Inc.	BUY	4.64	Ordinary	64,509	64,509
28-Jun-22	The Vanguard Group, Inc.	BUY	4.60	Ordinary	5,826	5,826
30-Jun-22	The Vanguard Group, Inc.	BUY	4.28	Ordinary	4,620	4,620
30-Jun-22	The Vanguard Group, Inc.	BUY	4.28	Ordinary	2,705	2,705

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
30-Jun-22	The Vanguard Group, Inc.	BUY	4.28	Ordinary	8,115	8,115
30-Jun-22	The Vanguard Group, Inc.	BUY	4.28	Ordinary	10,820	10,820
1-Jul-22	The Vanguard Group, Inc.	BUY	4.38	Ordinary	11,688	11,688
1-Jul-22	The Vanguard Group, Inc.	BUY	4.38	Ordinary	6,492	6,492
5-Jul-22	The Vanguard Group, Inc.	BUY	4.36	Ordinary	5,676	5,676
5-Jul-22	The Vanguard Group, Inc.	BUY	4.36	Ordinary	4,328	4,328
6-Jul-22	The Vanguard Group, Inc.	BUY	4.45	Ordinary	17,354	17,354
6-Jul-22	The Vanguard Group, Inc.	BUY	4.47	Ordinary	1,623	1,623
8-Jul-22	The Vanguard Group, Inc.	SELL	4.44	Ordinary	(11,396)	(11,396)
8-Jul-22	The Vanguard Group, Inc.	BUY	4.44	Ordinary	2,901	2,901
8-Jul-22	The Vanguard Group, Inc.	BUY	4.44	Ordinary	2,164	2,164
12-Jul-22	The Vanguard Group, Inc.	BUY	4.42	Ordinary	4,815	4,815
12-Jul-22	The Vanguard Group, Inc.	BUY	4.42	Ordinary	23,804	23,804
13-Jul-22	The Vanguard Group, Inc.	BUY	4.45	Ordinary	16,828	16,828
15-Jul-22	The Vanguard Group, Inc.	BUY	4.45	Ordinary	6,867	6,867
19-Jul-22	The Vanguard Group, Inc.	SELL	4.47	Ordinary	(26,531)	(26,531)
20-Jul-22	The Vanguard Group, Inc.	BUY	4.48	Ordinary	2,907	2,907
20-Jul-22	The Vanguard Group, Inc.	BUY	4.48	Ordinary	1,623	1,623
22-Jul-22	The Vanguard Group, Inc.	BUY	4.37	Ordinary	5,640	5,640
26-Jul-22	The Vanguard Group, Inc.	BUY	4.39	Ordinary	41,625	41,625
27-Jul-22	The Vanguard Group, Inc.	BUY	4.41	Ordinary	5,506	5,506
27-Jul-22	The Vanguard Group, Inc.	BUY	4.41	Ordinary	9,030	9,030
28-Jul-22	The Vanguard Group, Inc.	BUY	4.46	Ordinary	4,245	4,245
2-Aug-22	The Vanguard Group, Inc.	BUY	4.44	Ordinary	15,748	15,748
3-Aug-22	The Vanguard Group, Inc.	BUY	4.41	Ordinary	1,614	1,614
3-Aug-22	The Vanguard Group, Inc.	BUY	4.41	Ordinary	4,842	4,842
4-Aug-22	The Vanguard Group, Inc.	BUY	4.46	Ordinary	2,706	2,706
4-Aug-22	The Vanguard Group, Inc.	BUY	4.46	Ordinary	1,605	1,605
4-Aug-22	The Vanguard Group, Inc.	BUY	4.46	Ordinary	104,772	104,772
10-Aug-22	The Vanguard Group, Inc.	BUY	4.45	Ordinary	5,424	5,424
10-Aug-22	The Vanguard Group, Inc.	BUY	4.45	Ordinary	4,520	4,520
10-Aug-22	The Vanguard Group, Inc.	BUY	4.45	Ordinary	6,328	6,328
10-Aug-22	The Vanguard Group, Inc.	BUY	4.45	Ordinary	10,848	10,848
16-Aug-22	The Vanguard Group, Inc.	BUY	4.44	Ordinary	3,616	3,616
22-Aug-22	The Vanguard Group, Inc.	BUY	4.44	Ordinary	7,232	7,232
23-Aug-22	The Vanguard Group, Inc.	BUY	4.42	Ordinary	16,322	16,322
23-Aug-22	The Vanguard Group, Inc.	SELL	4.42	Ordinary	(14,595)	(14,595)
23-Aug-22	The Vanguard Group, Inc.	BUY	4.42	Ordinary	4,520	4,520
29-Aug-22	The Vanguard Group, Inc.	BUY	4.46	Ordinary	4,520	4,520
2-Sep-22	The Vanguard Group, Inc.	SELL	4.43	Ordinary	(653)	(653)
2-Sep-22	The Vanguard Group, Inc.	BUY	4.42	Ordinary	6,573	6,573
2-Sep-22	The Vanguard Group, Inc.	BUY	4.42	Ordinary	4,695	4,695
2-Sep-22	The Vanguard Group, Inc.	BUY	4.45	Ordinary	81,607	81,607
6-Sep-22	The Vanguard Group, Inc.	SELL	4.45	Ordinary	(8,766)	(8,766)
9-Sep-22	The Vanguard Group, Inc.	BUY	4.53	Ordinary	4,695	4,695
12-Sep-22	The Vanguard Group, Inc.	BUY	4.48	Ordinary	7,512	7,512
14-Sep-22	The Vanguard Group, Inc.	BUY	4.40	Ordinary	15,059	15,059
15-Sep-22	The Vanguard Group, Inc.	BUY	4.37	Ordinary	3,668	3,668
16-Sep-22	The Vanguard Group, Inc.	BUY	4.33	Ordinary	131,861	131,861
17-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	353,687	353,687
17-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	37,395	37,395
17-Dec-21	Vanguard Investments Australia Ltd.	SELL	5.16	Ordinary	(165,893)	(165,893)
20-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	1,772	1,772
20-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	6,414	6,414
20-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	12,597	12,597
21-Dec-21	Vanguard Investments Australia Ltd.	SELL	5.08	Ordinary	(229,657)	(229,657)
22-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	14,882	14,882
22-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	4,080	4,080
23-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.06	Ordinary	4,570	4,570
31-Dec-21	Vanguard Investments Australia Ltd.	SELL	5.05	Ordinary	(13,085)	(13,085)
4-Jan-22	Vanguard Investments Australia Ltd.	BUY	5.10	Ordinary	4,370	4,370
6-Jan-22	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	1,624	1,624
7-Jan-22	Vanguard Investments Australia Ltd.	BUY	5.04	Ordinary	5,208	5,208
11-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	22,437	22,437
11-Jan-22	Vanguard Investments Australia Ltd.	SELL	4.92	Ordinary	(274,624)	(274,624)
12-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	5,172	5,172
12-Jan-22	Vanguard Investments Australia Ltd.	SELL	4.93	Ordinary	(71,291)	(71,291)
13-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	2,102	2,102

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-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	14,960	14,960
17-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	6,306	6,306
18-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.98	Ordinary	4,180	4,180
18-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.98	Ordinary	14,958	14,958
19-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	5,052	5,052
20-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	14,956	14,956
21-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	5,184	5,184
21-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	4,320	4,320
24-Jan-22	Vanguard Investments Australia Ltd.	SELL	4.85	Ordinary	(54,147)	(54,147)
27-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	4,150	4,150
27-Jan-22	Vanguard Investments Australia Ltd.	SELL	4.72	Ordinary	(27,000)	(27,000)
27-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	6,306	6,306
27-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	14,956	14,956
28-Jan-22	Vanguard Investments Australia Ltd.	SELL	4.78	Ordinary	(73,000)	(73,000)
31-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	6,494	6,494
31-Jan-22	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	6,306	6,306
2-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	22,434	22,434
2-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	2,870	2,870
3-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	5,270	5,270
4-Feb-22	Vanguard Investments Australia Ltd.	SELL	4.90	Ordinary	(2,544)	(2,544)
7-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	14,956	14,956
7-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	1,236	1,236
9-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.96	Ordinary	4,860	4,860
9-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.96	Ordinary	14,956	14,956
9-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.96	Ordinary	14,956	14,956
9-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.96	Ordinary	13,930	13,930
10-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	1,884	1,884
10-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	14,956	14,956
14-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	7,496	7,496
14-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	22,488	22,488
17-Feb-22	Vanguard Investments Australia Ltd.	BUY	4.98	Ordinary	1,680	1,680
18-Feb-22	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	2,601	2,601
21-Feb-22	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	64,084	64,084
22-Feb-22	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	3,588	3,588
22-Feb-22	Vanguard Investments Australia Ltd.	SELL	5.03	Ordinary	(134,840)	(134,840)
24-Feb-22	Vanguard Investments Australia Ltd.	BUY	5.02	Ordinary	15,040	15,040
25-Feb-22	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	7,056	7,056
25-Feb-22	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	10,752	10,752
28-Feb-22	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	4,212	4,212
28-Feb-22	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	2,106	2,106
28-Feb-22	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	12,753	12,753
2-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.06	Ordinary	2,880	2,880
4-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.07	Ordinary	3,850	3,850
7-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.04	Ordinary	6,330	6,330
9-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	3,872	3,872
9-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	12,320	12,320
10-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	7,920	7,920
10-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	5,400	5,400
11-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	15,042	15,042
14-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	8,604	8,604
15-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	6,572	6,572
16-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.25	Ordinary	2,904	2,904
17-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.26	Ordinary	34,215	34,215
17-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.26	Ordinary	4,379	4,379
18-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	307,942	307,942
18-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	39,405	39,405
21-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.30	Ordinary	6,459	6,459
22-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.31	Ordinary	1,972	1,972
24-Mar-22	Vanguard Investments Australia Ltd.	SELL	5.28	Ordinary	(7,573)	(7,573)
24-Mar-22	Vanguard Investments Australia Ltd.	SELL	5.28	Ordinary	(53,011)	(53,011)
28-Mar-22	Vanguard Investments Australia Ltd.	SELL	5.28	Ordinary	(56,885)	(56,885)
28-Mar-22	Vanguard Investments Australia Ltd.	SELL	5.27	Ordinary	(139,562)	(139,562)
29-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	6,902	6,902
29-Mar-22	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	1,479	1,479
30-Mar-22	Vanguard Investments Australia Ltd.	SELL	5.31	Ordinary	(275,266)	(275,266)
30-Mar-22	Vanguard Investments Australia Ltd.	SELL	5.28	Ordinary	(81,651)	(81,651)
31-Mar-22	Vanguard Investments Australia Ltd.	SELL	5.32	Ordinary	(154,272)	(154,272)
4-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.41	Ordinary	214,844	214,844

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-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.40	Ordinary	7,499	7,499
5-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.38	Ordinary	2,172	2,172
5-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.38	Ordinary	4,314	4,314
6-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.35	Ordinary	7,499	7,499
6-Apr-22	Vanguard Investments Australia Ltd.	SELL	5.35	Ordinary	(59,462)	(59,462)
7-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.38	Ordinary	7,499	7,499
8-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	1,952	1,952
8-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	1,464	1,464
12-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	7,481	7,481
12-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	7,499	7,499
13-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.31	Ordinary	2,955	2,955
14-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.30	Ordinary	4,332	4,332
20-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	7,498	7,498
21-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.42	Ordinary	7,498	7,498
22-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.40	Ordinary	1,910	1,910
22-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.40	Ordinary	7,498	7,498
26-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	18,720	18,720
26-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	4,334	4,334
26-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	7,498	7,498
26-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	14,627	14,627
27-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	1,075	1,075
28-Apr-22	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	2,120	2,120
29-Apr-22	Vanguard Investments Australia Ltd.	SELL	5.36	Ordinary	(54,415)	(54,415)
4-May-22	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	1,110	1,110
4-May-22	Vanguard Investments Australia Ltd.	SELL	5.00	Ordinary	(19,780)	(19,780)
5-May-22	Vanguard Investments Australia Ltd.	BUY	5.04	Ordinary	3,330	3,330
5-May-22	Vanguard Investments Australia Ltd.	BUY	5.04	Ordinary	22,494	22,494
6-May-22	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	7,497	7,497
9-May-22	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	3,856	3,856
9-May-22	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	723	723
9-May-22	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	4,334	4,334
9-May-22	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	7,497	7,497
10-May-22	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	17,664	17,664
10-May-22	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	2,560	2,560
11-May-22	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	7,497	7,497
11-May-22	Vanguard Investments Australia Ltd.	SELL	4.88	Ordinary	(58,528)	(58,528)
12-May-22	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	7,497	7,497
16-May-22	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	3,600	3,600
16-May-22	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	1,500	1,500
18-May-22	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	3,576	3,576
18-May-22	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	980	980
20-May-22	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	3,336	3,336
23-May-22	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	491	491
25-May-22	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	7,496	7,496
30-May-22	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	2,930	2,930
30-May-22	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	7,498	7,498
31-May-22	Vanguard Investments Australia Ltd.	SELL	4.92	Ordinary	(62,466)	(62,466)
1-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	14,174	14,174
1-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	14,994	14,994
1-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	1,473	1,473
3-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	3,876	3,876
6-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	7,497	7,497
7-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	18,468	18,468
7-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	14,994	14,994
8-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.67	Ordinary	3,756	3,756
9-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.63	Ordinary	2,053	2,053
9-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.63	Ordinary	14,994	14,994
10-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.47	Ordinary	6,440	6,440
10-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.47	Ordinary	7,497	7,497
14-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.34	Ordinary	1,565	1,565
14-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.34	Ordinary	4,695	4,695
14-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.34	Ordinary	2,504	2,504
14-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.34	Ordinary	2,053	2,053
14-Jun-22	Vanguard Investments Australia Ltd.	SELL	4.34	Ordinary	(7,497)	(7,497)
15-Jun-22	Vanguard Investments Australia Ltd.	SELL	4.21	Ordinary	(14,992)	(14,992)
16-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.26	Ordinary	2,053	2,053
17-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.25	Ordinary	423,505	423,505
17-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.17	Ordinary	55	55

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
17-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.25	Ordinary	4,030	4,030
17-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.25	Ordinary	4,106	4,106
17-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.25	Ordinary	151,422	151,422
17-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.17	Ordinary	20	20
17-Jun-22	Vanguard Investments Australia Ltd.	SELL	4.25	Ordinary	(22,488)	(22,488)
22-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.31	Ordinary	15,074	15,074
23-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.44	Ordinary	1,815	1,815
23-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.44	Ordinary	3,630	3,630
23-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.44	Ordinary	2,541	2,541
27-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.59	Ordinary	2,653	2,653
28-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.64	Ordinary	3,550	3,550
28-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.64	Ordinary	1,775	1,775
28-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.64	Ordinary	1,775	1,775
28-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.64	Ordinary	2,840	2,840
29-Jun-22	Vanguard Investments Australia Ltd.	SELL	4.30	Ordinary	(1,047)	(1,047)
29-Jun-22	Vanguard Investments Australia Ltd.	BUY	4.30	Ordinary	7,642	7,642
30-Jun-22	Vanguard Investments Australia Ltd.	SELL	4.27	Ordinary	(139,535)	(139,535)
30-Jun-22	Vanguard Investments Australia Ltd.	SELL	4.27	Ordinary	(37,462)	(37,462)
30-Jun-22	Vanguard Investments Australia Ltd.	SELL	4.27	Ordinary	(94,950)	(94,950)
1-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.33	Ordinary	2,464	2,464
1-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.33	Ordinary	2,816	2,816
1-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.33	Ordinary	3,520	3,520
4-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.41	Ordinary	3,490	3,490
4-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.41	Ordinary	7,515	7,515
5-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.37	Ordinary	3,950	3,950
7-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.42	Ordinary	1,488	1,488
8-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.44	Ordinary	7,577	7,577
11-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.41	Ordinary	3,290	3,290
12-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	3,962	3,962
12-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	7,576	7,576
14-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.40	Ordinary	3,472	3,472
15-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	2,331	2,331
15-Jul-22	Vanguard Investments Australia Ltd.	SELL	4.43	Ordinary	(4,329)	(4,329)
15-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	7,575	7,575
18-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.47	Ordinary	15,150	15,150
18-Jul-22	Vanguard Investments Australia Ltd.	SELL	4.47	Ordinary	(68,175)	(68,175)
19-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.44	Ordinary	22,725	22,725
19-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.44	Ordinary	7,575	7,575
20-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	2,544	2,544
20-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	6,360	6,360
20-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	7,575	7,575
20-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	15,150	15,150
20-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	60,600	60,600
20-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	15,150	15,150
21-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.35	Ordinary	13,638	13,638
21-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.35	Ordinary	6,027	6,027
21-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.35	Ordinary	7,576	7,576
21-Jul-22	Vanguard Investments Australia Ltd.	SELL	4.35	Ordinary	(60,608)	(60,608)
22-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.37	Ordinary	4,410	4,410
28-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	4,755	4,755
28-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	24,120	24,120
28-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	12,060	12,060
28-Jul-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	992	992
29-Jul-22	Vanguard Investments Australia Ltd.	SELL	4.55	Ordinary	(15,150)	(15,150)
1-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.54	Ordinary	7,575	7,575
2-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.44	Ordinary	1,600	1,600
3-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.40	Ordinary	7,575	7,575
4-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	4,965	4,965
4-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	10,045	10,045
4-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	1,984	1,984
4-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	2,480	2,480
5-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	22,725	22,725
8-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.36	Ordinary	1,635	1,635
9-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.39	Ordinary	7,575	7,575
10-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	15,148	15,148
16-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	1,485	1,485
16-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	4,016	4,016
16-Aug-22	Vanguard Investments Australia Ltd.	SELL	4.43	Ordinary	(119,456)	(119,456)

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
18-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	1,794	1,794
18-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	8,028	8,028
19-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	4,770	4,770
19-Aug-22	Vanguard Investments Australia Ltd.	SELL	4.46	Ordinary	(64,361)	(64,361)
23-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.42	Ordinary	4,016	4,016
24-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	5,040	5,040
24-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	15,246	15,246
31-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.47	Ordinary	6,180	6,180
31-Aug-22	Vanguard Investments Australia Ltd.	BUY	4.47	Ordinary	15,248	15,248
1-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.44	Ordinary	1,515	1,515
1-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.44	Ordinary	7,885	7,885
5-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	7,925	7,925
7-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.47	Ordinary	7,626	7,626
7-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.47	Ordinary	15,252	15,252
8-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.51	Ordinary	199,175	199,175
8-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.51	Ordinary	2,254	2,254
9-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	8,150	8,150
12-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.47	Ordinary	1,600	1,600
14-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.40	Ordinary	148,740	148,740
14-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.39	Ordinary	15,250	15,250
15-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.37	Ordinary	20,748	20,748
15-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.37	Ordinary	37,960	37,960
15-Sep-22	Vanguard Investments Australia Ltd.	SELL	4.38	Ordinary	(15,250)	(15,250)
16-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.33	Ordinary	746,026	746,026
16-Sep-22	Vanguard Investments Australia Ltd.	BUY	4.33	Ordinary	1,364,915	1,364,915

This is Annexure A of 7 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature: _____



Name: Shawn Acker _____

Capacity: Compliance Manager _____

Date: 20 September 2022 _____