

**Form 605**Corporations Act 2001  
Section 671B**Notice of ceasing to be a substantial holder**

To Company Name/Scheme GWA Group Limited

ACN/ARSN 055 964 380

**1. Details of substantial holder (1)**

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

ACN/ARSN (if applicable) N/A

The holder ceased to be a substantial holder on 5 November 2021

The previous notice was given to the company on 21 May 2020

The previous notice was dated 21 May 2020

**2. Changes in relevant interests**

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) 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 (4)	Consideration given in relation to change (5)	Class (6) and number of securities affected	Person's votes affected
Update to previous 605 form notice to include transactions not identified in previous notice See <b>Annexure A</b>					Vanguard Group now holds 4.785% of voting power

**3. Changes in association**

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) 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

**4. 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 17 November 2021

**DIRECTIONS**

- (1) If there are a number of substantial holders with similar or related relevant 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 4 of the form.
- (2) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (3) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (4) Include details of:
- (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
  - (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.
- (5) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
- (6) The voting shares of a company constitute one class unless divided into separate classes.
- (7) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

To Company  
ACN/ARSN

GWA Group Limited  
055 964 380

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
22-May-2020	The Vanguard Group, Inc.	SELL	2.60	Ordinary	(14,244)	(14,244)
28-May-2020	The Vanguard Group, Inc.	BUY	2.95	Ordinary	7,800	7,800
1-Jun-2020	The Vanguard Group, Inc.	BUY	3.11	Ordinary	3,250	3,250
2-Jun-2020	The Vanguard Group, Inc.	BUY	3.19	Ordinary	9,750	9,750
4-Jun-2020	The Vanguard Group, Inc.	BUY	3.25	Ordinary	3,250	3,250
8-Jun-2020	The Vanguard Group, Inc.	SELL	3.36	Ordinary	(20,115)	(20,115)
11-Jun-2020	The Vanguard Group, Inc.	BUY	2.92	Ordinary	3,250	3,250
11-Jun-2020	The Vanguard Group, Inc.	SELL	2.92	Ordinary	(8,940)	(8,940)
19-Jun-2020	The Vanguard Group, Inc.	SELL	3.12	Ordinary	(3,718)	(3,718)
19-Jun-2020	The Vanguard Group, Inc.	BUY	3.10	Ordinary	8,243	8,243
22-Jun-2020	The Vanguard Group, Inc.	SELL	3.13	Ordinary	(3,718)	(3,718)
23-Jun-2020	The Vanguard Group, Inc.	SELL	3.08	Ordinary	(3,800)	(3,800)
24-Jun-2020	The Vanguard Group, Inc.	SELL	3.06	Ordinary	(3,931)	(3,931)
25-Jun-2020	The Vanguard Group, Inc.	SELL	2.88	Ordinary	(3,853)	(3,853)
26-Jun-2020	The Vanguard Group, Inc.	SELL	2.76	Ordinary	(3,620)	(3,620)
29-Jun-2020	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(3,611)	(3,611)
30-Jun-2020	The Vanguard Group, Inc.	BUY	2.77	Ordinary	19,995	19,995
1-Jul-2020	The Vanguard Group, Inc.	SELL	2.76	Ordinary	(3,579)	(3,579)
2-Jul-2020	The Vanguard Group, Inc.	SELL	2.73	Ordinary	(3,399)	(3,399)
3-Jul-2020	The Vanguard Group, Inc.	SELL	2.69	Ordinary	(3,460)	(3,460)
15-Jul-2020	The Vanguard Group, Inc.	SELL	2.61	Ordinary	(7,800)	(7,800)
15-Jul-2020	The Vanguard Group, Inc.	SELL	2.61	Ordinary	(2,600)	(2,600)
22-Jul-2020	The Vanguard Group, Inc.	SELL	2.56	Ordinary	(44,229)	(44,229)
27-Jul-2020	The Vanguard Group, Inc.	SELL	2.59	Ordinary	(9,244)	(9,244)
13-Aug-2020	The Vanguard Group, Inc.	SELL	2.71	Ordinary	(2,600)	(2,600)
16-Sep-2020	The Vanguard Group, Inc.	BUY	2.64	Ordinary	692	692
18-Sep-2020	The Vanguard Group, Inc.	BUY	2.64	Ordinary	5,187	5,187
25-Sep-2020	The Vanguard Group, Inc.	SELL	2.82	Ordinary	(14,802)	(14,802)
25-Sep-2020	The Vanguard Group, Inc.	SELL	2.82	Ordinary	(12,335)	(12,335)
6-Oct-2020	The Vanguard Group, Inc.	SELL	2.84	Ordinary	(24,670)	(24,670)
7-Oct-2020	The Vanguard Group, Inc.	SELL	2.88	Ordinary	(22,203)	(22,203)
8-Oct-2020	The Vanguard Group, Inc.	SELL	2.88	Ordinary	(12,335)	(12,335)
20-Oct-2020	The Vanguard Group, Inc.	SELL	3.06	Ordinary	(4,864)	(4,864)
30-Oct-2020	The Vanguard Group, Inc.	BUY	2.64	Ordinary	28,330	28,330
4-Nov-2020	The Vanguard Group, Inc.	BUY	2.74	Ordinary	16,334	16,334
13-Nov-2020	The Vanguard Group, Inc.	SELL	2.89	Ordinary	(4,864)	(4,864)
8-Dec-2020	The Vanguard Group, Inc.	BUY	3.09	Ordinary	5,850	5,850
9-Dec-2020	The Vanguard Group, Inc.	BUY	3.10	Ordinary	1,950	1,950
15-Dec-2020	The Vanguard Group, Inc.	BUY	3.39	Ordinary	4,550	4,550
18-Dec-2020	The Vanguard Group, Inc.	SELL	3.38	Ordinary	(32,135)	(32,135)
18-Dec-2020	The Vanguard Group, Inc.	BUY	3.37	Ordinary	11,876	11,876
18-Dec-2020	The Vanguard Group, Inc.	SELL	3.38	Ordinary	(784)	(784)
21-Dec-2020	The Vanguard Group, Inc.	BUY	3.42	Ordinary	7,113	7,113
21-Dec-2020	The Vanguard Group, Inc.	BUY	3.42	Ordinary	4,742	4,742
22-Dec-2020	The Vanguard Group, Inc.	BUY	3.40	Ordinary	3,250	3,250
24-Dec-2020	The Vanguard Group, Inc.	BUY	3.44	Ordinary	23,123	23,123
29-Dec-2020	The Vanguard Group, Inc.	BUY	3.49	Ordinary	16,106	16,106
6-Jan-2021	The Vanguard Group, Inc.	BUY	3.50	Ordinary	2,600	2,600
7-Jan-2021	The Vanguard Group, Inc.	BUY	3.44	Ordinary	11,700	11,700
7-Jan-2021	The Vanguard Group, Inc.	BUY	3.44	Ordinary	7,113	7,113
7-Jan-2021	The Vanguard Group, Inc.	BUY	3.44	Ordinary	11,855	11,855
8-Jan-2021	The Vanguard Group, Inc.	BUY	3.42	Ordinary	4,742	4,742
12-Jan-2021	The Vanguard Group, Inc.	BUY	3.29	Ordinary	1,950	1,950
12-Jan-2021	The Vanguard Group, Inc.	BUY	3.29	Ordinary	5,200	5,200
12-Jan-2021	The Vanguard Group, Inc.	BUY	3.29	Ordinary	9,484	9,484
21-Jan-2021	The Vanguard Group, Inc.	BUY	3.53	Ordinary	5,850	5,850

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
29-Jan-2021	The Vanguard Group, Inc.	BUY	3.43	Ordinary	1,950	1,950
5-Feb-2021	The Vanguard Group, Inc.	SELL	3.74	Ordinary	(4,245)	(4,245)
10-Feb-2021	The Vanguard Group, Inc.	BUY	3.70	Ordinary	2,600	2,600
10-Feb-2021	The Vanguard Group, Inc.	BUY	3.70	Ordinary	9,100	9,100
11-Feb-2021	The Vanguard Group, Inc.	BUY	3.60	Ordinary	2,600	2,600
12-Feb-2021	The Vanguard Group, Inc.	BUY	3.71	Ordinary	1,950	1,950
22-Feb-2021	The Vanguard Group, Inc.	SELL	3.13	Ordinary	(5,677)	(5,677)
23-Feb-2021	The Vanguard Group, Inc.	BUY	3.13	Ordinary	7,113	7,113
25-Feb-2021	The Vanguard Group, Inc.	BUY	3.07	Ordinary	26,081	26,081
26-Feb-2021	The Vanguard Group, Inc.	BUY	3.05	Ordinary	14,226	14,226
26-Feb-2021	The Vanguard Group, Inc.	BUY	3.05	Ordinary	42,678	42,678
1-Mar-2021	The Vanguard Group, Inc.	BUY	3.09	Ordinary	33,194	33,194
2-Mar-2021	The Vanguard Group, Inc.	BUY	3.07	Ordinary	23,710	23,710
4-Mar-2021	The Vanguard Group, Inc.	BUY	3.02	Ordinary	26,081	26,081
5-Mar-2021	The Vanguard Group, Inc.	BUY	3.03	Ordinary	18,968	18,968
5-Mar-2021	The Vanguard Group, Inc.	BUY	3.03	Ordinary	28,452	28,452
9-Mar-2021	The Vanguard Group, Inc.	BUY	2.94	Ordinary	6,500	6,500
9-Mar-2021	The Vanguard Group, Inc.	BUY	2.94	Ordinary	28,452	28,452
10-Mar-2021	The Vanguard Group, Inc.	BUY	3.07	Ordinary	23,710	23,710
15-Mar-2021	The Vanguard Group, Inc.	BUY	2.80	Ordinary	16,597	16,597
16-Mar-2021	The Vanguard Group, Inc.	BUY	2.80	Ordinary	7,113	7,113
16-Mar-2021	The Vanguard Group, Inc.	BUY	2.80	Ordinary	35,565	35,565
16-Mar-2021	The Vanguard Group, Inc.	BUY	2.80	Ordinary	14,226	14,226
17-Mar-2021	The Vanguard Group, Inc.	BUY	2.76	Ordinary	14,226	14,226
17-Mar-2021	The Vanguard Group, Inc.	BUY	2.76	Ordinary	28,452	28,452
19-Mar-2021	The Vanguard Group, Inc.	SELL	2.89	Ordinary	(215)	(215)
22-Mar-2021	The Vanguard Group, Inc.	BUY	2.86	Ordinary	31,005	31,005
22-Mar-2021	The Vanguard Group, Inc.	BUY	2.86	Ordinary	14,310	14,310
1-Apr-2021	The Vanguard Group, Inc.	BUY	2.96	Ordinary	9,540	9,540
7-Apr-2021	The Vanguard Group, Inc.	BUY	3.03	Ordinary	7,155	7,155
9-Apr-2021	The Vanguard Group, Inc.	BUY	3.00	Ordinary	483	483
13-Apr-2021	The Vanguard Group, Inc.	BUY	3.08	Ordinary	7,155	7,155
16-Apr-2021	The Vanguard Group, Inc.	BUY	3.04	Ordinary	50,799	50,799
23-Apr-2021	The Vanguard Group, Inc.	BUY	3.10	Ordinary	7,155	7,155
26-Apr-2021	The Vanguard Group, Inc.	SELL	3.11	Ordinary	(27,228)	(27,228)
26-Apr-2021	The Vanguard Group, Inc.	BUY	3.10	Ordinary	14,310	14,310
26-Apr-2021	The Vanguard Group, Inc.	BUY	3.10	Ordinary	14,310	14,310
27-Apr-2021	The Vanguard Group, Inc.	SELL	3.10	Ordinary	(675)	(675)
7-May-2021	The Vanguard Group, Inc.	SELL	3.09	Ordinary	(663)	(663)
27-May-2021	The Vanguard Group, Inc.	BUY	2.91	Ordinary	7,155	7,155
18-Jun-2021	The Vanguard Group, Inc.	SELL	2.82	Ordinary	(76,333)	(76,333)
13-Jul-2021	The Vanguard Group, Inc.	BUY	2.76	Ordinary	27,532	27,532
14-Jul-2021	The Vanguard Group, Inc.	BUY	2.79	Ordinary	58,561	58,561
15-Jul-2021	The Vanguard Group, Inc.	BUY	2.79	Ordinary	12,778	12,778
15-Jul-2021	The Vanguard Group, Inc.	BUY	2.79	Ordinary	13,549	13,549
24-Aug-2021	The Vanguard Group, Inc.	BUY	2.85	Ordinary	4,716	4,716
13-Sep-2021	The Vanguard Group, Inc.	BUY	2.66	Ordinary	279	279
21-Sep-2021	The Vanguard Group, Inc.	BUY	2.61	Ordinary	9,347	9,347
29-Sep-2021	The Vanguard Group, Inc.	BUY	2.67	Ordinary	2,798	2,798
19-Oct-2021	The Vanguard Group, Inc.	BUY	2.69	Ordinary	8,124	8,124
20-Oct-2021	The Vanguard Group, Inc.	BUY	2.70	Ordinary	8,559	8,559
21-Oct-2021	The Vanguard Group, Inc.	BUY	2.70	Ordinary	962	962
28-Oct-2021	The Vanguard Group, Inc.	BUY	2.65	Ordinary	179	179
5-Nov-2021	The Vanguard Group, Inc.	BUY	2.77	Ordinary	74,950	74,950
5-Nov-2021	The Vanguard Group, Inc.	BUY	2.76	Ordinary	22,241	22,241
5-Nov-2021	The Vanguard Group, Inc.	BUY	2.77	Ordinary	5,957	5,957
20-May-2020	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	2,535	2,535
20-May-2020	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	4,304	4,304
22-May-2020	Vanguard Investments Australia Ltd.	BUY	2.58	Ordinary	5,985	5,985
22-May-2020	Vanguard Investments Australia Ltd.	BUY	2.58	Ordinary	3,288	3,288
25-May-2020	Vanguard Investments Australia Ltd.	BUY	2.70	Ordinary	27,132	27,132
25-May-2020	Vanguard Investments Australia Ltd.	BUY	2.70	Ordinary	1,596	1,596
25-May-2020	Vanguard Investments Australia Ltd.	BUY	2.70	Ordinary	2,740	2,740
26-May-2020	Vanguard Investments Australia Ltd.	BUY	2.75	Ordinary	30,636	30,636

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
26-May-2020	Vanguard Investments Australia Ltd.	BUY	2.75	Ordinary	4,110	4,110
27-May-2020	Vanguard Investments Australia Ltd.	BUY	2.78	Ordinary	29,832	29,832
29-May-2020	Vanguard Investments Australia Ltd.	BUY	2.98	Ordinary	4,275	4,275
1-Jun-2020	Vanguard Investments Australia Ltd.	BUY	3.09	Ordinary	15,205	15,205
3-Jun-2020	Vanguard Investments Australia Ltd.	BUY	3.25	Ordinary	1,596	1,596
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	3.31	Ordinary	4,515	4,515
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	3.31	Ordinary	3,612	3,612
9-Jun-2020	Vanguard Investments Australia Ltd.	BUY	3.08	Ordinary	1,596	1,596
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	3.02	Ordinary	4,560	4,560
15-Jun-2020	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	6,260	6,260
16-Jun-2020	Vanguard Investments Australia Ltd.	BUY	3.02	Ordinary	3,130	3,130
17-Jun-2020	Vanguard Investments Australia Ltd.	BUY	3.04	Ordinary	4,800	4,800
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	3.10	Ordinary	(68,825)	(68,825)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	3.10	Ordinary	(8,243)	(8,243)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	3.10	Ordinary	(143)	(143)
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	3.10	Ordinary	640	640
23-Jun-2020	Vanguard Investments Australia Ltd.	SELL	3.06	Ordinary	(5,508)	(5,508)
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	3,080	3,080
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	7,590	7,590
30-Jun-2020	Vanguard Investments Australia Ltd.	SELL	2.77	Ordinary	(11,023)	(11,023)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	2.56	Ordinary	(1,920)	(1,920)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	2.56	Ordinary	(2,979)	(2,979)
30-Jul-2020	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	4,238	4,238
5-Aug-2020	Vanguard Investments Australia Ltd.	BUY	2.70	Ordinary	4,665	4,665
7-Aug-2020	Vanguard Investments Australia Ltd.	BUY	2.72	Ordinary	6,300	6,300
12-Aug-2020	Vanguard Investments Australia Ltd.	BUY	2.68	Ordinary	8,132	8,132
21-Aug-2020	Vanguard Investments Australia Ltd.	BUY	2.50	Ordinary	3,448	3,448
25-Aug-2020	Vanguard Investments Australia Ltd.	BUY	2.57	Ordinary	5,115	5,115
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.45	Ordinary	137,894	137,894
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.45	Ordinary	1,548	1,548
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.45	Ordinary	5,728	5,728
7-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.52	Ordinary	4,446	4,446
9-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.49	Ordinary	6,246	6,246
15-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.64	Ordinary	1,552	1,552
16-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.59	Ordinary	1,730	1,730
17-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.57	Ordinary	1,552	1,552
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.63	Ordinary	2,824	2,824
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.63	Ordinary	1,765	1,765
21-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.70	Ordinary	1,266	1,266
24-Sep-2020	Vanguard Investments Australia Ltd.	SELL	2.75	Ordinary	(3,436)	(3,436)
25-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.79	Ordinary	4,010	4,010
28-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.75	Ordinary	1,544	1,544
28-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.75	Ordinary	2,577	2,577
29-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	1,200	1,200
30-Sep-2020	Vanguard Investments Australia Ltd.	BUY	2.78	Ordinary	4,050	4,050
5-Oct-2020	Vanguard Investments Australia Ltd.	BUY	2.89	Ordinary	6,075	6,075
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	2.87	Ordinary	4,020	4,020
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	2,577	2,577
9-Oct-2020	Vanguard Investments Australia Ltd.	BUY	2.87	Ordinary	1,528	1,528
12-Oct-2020	Vanguard Investments Australia Ltd.	BUY	2.83	Ordinary	408	408
13-Oct-2020	Vanguard Investments Australia Ltd.	BUY	2.94	Ordinary	4,180	4,180
20-Oct-2020	Vanguard Investments Australia Ltd.	BUY	3.06	Ordinary	1,528	1,528
20-Oct-2020	Vanguard Investments Australia Ltd.	BUY	3.06	Ordinary	23,085	23,085
22-Oct-2020	Vanguard Investments Australia Ltd.	BUY	3.00	Ordinary	4,568	4,568
23-Oct-2020	Vanguard Investments Australia Ltd.	BUY	2.94	Ordinary	4,030	4,030
27-Oct-2020	Vanguard Investments Australia Ltd.	BUY	2.80	Ordinary	3,436	3,436
28-Oct-2020	Vanguard Investments Australia Ltd.	BUY	2.77	Ordinary	4,120	4,120
29-Oct-2020	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	1,528	1,528
29-Oct-2020	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	2,070	2,070
30-Oct-2020	Vanguard Investments Australia Ltd.	SELL	2.64	Ordinary	(26,631)	(26,631)
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	2.64	Ordinary	2,577	2,577
3-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.73	Ordinary	4,230	4,230
3-Nov-2020	Vanguard Investments Australia Ltd.	SELL	2.73	Ordinary	(45,728)	(45,728)
4-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.71	Ordinary	6,270	6,270

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5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.77	Ordinary	830	830
10-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.75	Ordinary	7,174	7,174
10-Nov-2020	Vanguard Investments Australia Ltd.	SELL	2.75	Ordinary	(21,660)	(21,660)
11-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.77	Ordinary	2,577	2,577
12-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.80	Ordinary	1,532	1,532
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.87	Ordinary	22,260	22,260
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.87	Ordinary	7,140	7,140
17-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	1,718	1,718
17-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	4,110	4,110
17-Nov-2020	Vanguard Investments Australia Ltd.	SELL	2.86	Ordinary	(57,150)	(57,150)
19-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	34,602	34,602
20-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.93	Ordinary	414	414
20-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.93	Ordinary	828	828
23-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.88	Ordinary	4,944	4,944
25-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.94	Ordinary	12,064	12,064
26-Nov-2020	Vanguard Investments Australia Ltd.	SELL	2.88	Ordinary	(39,764)	(39,764)
26-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.88	Ordinary	1,532	1,532
26-Nov-2020	Vanguard Investments Australia Ltd.	BUY	2.88	Ordinary	2,580	2,580
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	2.91	Ordinary	(11,905)	(11,905)
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	2.91	Ordinary	(14,905)	(14,905)
1-Dec-2020	Vanguard Investments Australia Ltd.	BUY	2.94	Ordinary	6,180	6,180
2-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.05	Ordinary	6,688	6,688
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.00	Ordinary	34,177	34,177
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.00	Ordinary	1,532	1,532
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.00	Ordinary	207	207
4-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.00	Ordinary	4,140	4,140
8-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.08	Ordinary	1,638	1,638
11-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.06	Ordinary	5,343	5,343
11-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.06	Ordinary	621	621
14-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.29	Ordinary	2,454	2,454
15-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.36	Ordinary	4,160	4,160
16-Dec-2020	Vanguard Investments Australia Ltd.	SELL	3.39	Ordinary	(126,840)	(126,840)
16-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.34	Ordinary	3,970	3,970
17-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.51	Ordinary	1,532	1,532
17-Dec-2020	Vanguard Investments Australia Ltd.	SELL	3.46	Ordinary	(104,902)	(104,902)
17-Dec-2020	Vanguard Investments Australia Ltd.	SELL	3.37	Ordinary	(19,407)	(19,407)
17-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.51	Ordinary	5,070	5,070
18-Dec-2020	Vanguard Investments Australia Ltd.	SELL	3.38	Ordinary	(594,456)	(594,456)
18-Dec-2020	Vanguard Investments Australia Ltd.	SELL	3.37	Ordinary	(1,532)	(1,532)
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.37	Ordinary	1,634	1,634
22-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.39	Ordinary	6,780	6,780
29-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.50	Ordinary	1,632	1,632
30-Dec-2020	Vanguard Investments Australia Ltd.	BUY	3.51	Ordinary	2,448	2,448
4-Jan-2021	Vanguard Investments Australia Ltd.	BUY	3.52	Ordinary	3,300	3,300
6-Jan-2021	Vanguard Investments Australia Ltd.	BUY	3.47	Ordinary	3,984	3,984
11-Jan-2021	Vanguard Investments Australia Ltd.	BUY	3.33	Ordinary	2,427	2,427
14-Jan-2021	Vanguard Investments Australia Ltd.	BUY	3.34	Ordinary	5,424	5,424
19-Jan-2021	Vanguard Investments Australia Ltd.	BUY	3.50	Ordinary	1,670	1,670
20-Jan-2021	Vanguard Investments Australia Ltd.	BUY	3.54	Ordinary	2,427	2,427
20-Jan-2021	Vanguard Investments Australia Ltd.	BUY	3.54	Ordinary	412	412
28-Jan-2021	Vanguard Investments Australia Ltd.	BUY	3.50	Ordinary	4,316	4,316
2-Feb-2021	Vanguard Investments Australia Ltd.	BUY	3.45	Ordinary	4,578	4,578
3-Feb-2021	Vanguard Investments Australia Ltd.	BUY	3.50	Ordinary	412	412
5-Feb-2021	Vanguard Investments Australia Ltd.	BUY	3.80	Ordinary	999	999
8-Feb-2021	Vanguard Investments Australia Ltd.	BUY	3.79	Ordinary	2,463	2,463
8-Feb-2021	Vanguard Investments Australia Ltd.	BUY	3.79	Ordinary	3,284	3,284
10-Feb-2021	Vanguard Investments Australia Ltd.	BUY	3.71	Ordinary	4,160	4,160
11-Feb-2021	Vanguard Investments Australia Ltd.	BUY	3.60	Ordinary	2,240	2,240
16-Feb-2021	Vanguard Investments Australia Ltd.	BUY	3.41	Ordinary	2,463	2,463
22-Feb-2021	Vanguard Investments Australia Ltd.	BUY	3.13	Ordinary	3,270	3,270
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	3.05	Ordinary	(10,449)	(10,449)
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	3.05	Ordinary	2,463	2,463
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	3.05	Ordinary	3,260	3,260
3-Mar-2021	Vanguard Investments Australia Ltd.	BUY	3.10	Ordinary	6,500	6,500

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
5-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.98	Ordinary	(32,787)	(32,787)
5-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.98	Ordinary	3,270	3,270
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.95	Ordinary	621	621
9-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.93	Ordinary	999	999
10-Mar-2021	Vanguard Investments Australia Ltd.	BUY	3.05	Ordinary	4,116	4,116
17-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.82	Ordinary	(824)	(824)
17-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.82	Ordinary	(22,431)	(22,431)
17-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.82	Ordinary	(43,090)	(43,090)
17-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.82	Ordinary	(15,105)	(15,105)
17-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	2,460	2,460
17-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	3,420	3,420
18-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.78	Ordinary	(57,564)	(57,564)
18-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.78	Ordinary	(2,113)	(2,113)
18-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.84	Ordinary	(1,441)	(1,441)
18-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.84	Ordinary	(39,274)	(39,274)
18-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.84	Ordinary	(75,449)	(75,449)
18-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.78	Ordinary	(110,587)	(110,587)
18-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.78	Ordinary	(6,698)	(6,698)
18-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.78	Ordinary	(38,765)	(38,765)
18-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.84	Ordinary	(26,447)	(26,447)
18-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.84	Ordinary	(4,569)	(4,569)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.89	Ordinary	(133,419)	(133,419)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.89	Ordinary	(4,896)	(4,896)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.89	Ordinary	(256,314)	(256,314)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.89	Ordinary	(15,523)	(15,523)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.89	Ordinary	(89,848)	(89,848)
29-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	1,638	1,638
31-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	388	388
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	3.00	Ordinary	3,280	3,280
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	3.00	Ordinary	1,930	1,930
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	3.00	Ordinary	579	579
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	3.04	Ordinary	193	193
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	3.04	Ordinary	579	579
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	3.04	Ordinary	386	386
16-Apr-2021	Vanguard Investments Australia Ltd.	BUY	3.04	Ordinary	2,457	2,457
26-Apr-2021	Vanguard Investments Australia Ltd.	BUY	3.10	Ordinary	2,457	2,457
28-Apr-2021	Vanguard Investments Australia Ltd.	BUY	3.16	Ordinary	5,018	5,018
29-Apr-2021	Vanguard Investments Australia Ltd.	BUY	3.12	Ordinary	772	772
30-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.99	Ordinary	2,457	2,457
3-May-2021	Vanguard Investments Australia Ltd.	BUY	2.98	Ordinary	579	579
5-May-2021	Vanguard Investments Australia Ltd.	BUY	3.08	Ordinary	2,457	2,457
6-May-2021	Vanguard Investments Australia Ltd.	BUY	3.08	Ordinary	1,638	1,638
7-May-2021	Vanguard Investments Australia Ltd.	BUY	3.09	Ordinary	193	193
10-May-2021	Vanguard Investments Australia Ltd.	BUY	3.10	Ordinary	193	193
13-May-2021	Vanguard Investments Australia Ltd.	BUY	3.07	Ordinary	6,452	6,452
13-May-2021	Vanguard Investments Australia Ltd.	BUY	3.07	Ordinary	386	386
13-May-2021	Vanguard Investments Australia Ltd.	BUY	3.07	Ordinary	579	579
14-May-2021	Vanguard Investments Australia Ltd.	BUY	3.04	Ordinary	2,457	2,457
18-May-2021	Vanguard Investments Australia Ltd.	BUY	3.00	Ordinary	2,910	2,910
20-May-2021	Vanguard Investments Australia Ltd.	IN SPECIE	2.92	Ordinary	(969,884)	(969,884)
20-May-2021	Vanguard Investments Australia Ltd.	BUY	2.92	Ordinary	3,268	3,268
20-May-2021	Vanguard Investments Australia Ltd.	BUY	2.92	Ordinary	582	582
21-May-2021	Vanguard Investments Australia Ltd.	BUY	2.93	Ordinary	194	194
21-May-2021	Vanguard Investments Australia Ltd.	BUY	2.93	Ordinary	1,358	1,358
26-May-2021	Vanguard Investments Australia Ltd.	BUY	2.93	Ordinary	194	194
27-May-2021	Vanguard Investments Australia Ltd.	BUY	2.89	Ordinary	3,268	3,268
27-May-2021	Vanguard Investments Australia Ltd.	SELL	2.89	Ordinary	(18,038)	(18,038)
3-Jun-2021	Vanguard Investments Australia Ltd.	BUY	2.90	Ordinary	194	194
15-Jun-2021	Vanguard Investments Australia Ltd.	BUY	2.92	Ordinary	3,100	3,100
15-Jun-2021	Vanguard Investments Australia Ltd.	BUY	2.92	Ordinary	194	194
23-Jun-2021	Vanguard Investments Australia Ltd.	IN SPECIE	2.64	Ordinary	(188,714)	(188,714)
23-Jun-2021	Vanguard Investments Australia Ltd.	IN SPECIE	2.64	Ordinary	(149,638)	(149,638)
23-Jun-2021	Vanguard Investments Australia Ltd.	BUY	2.64	Ordinary	384	384
24-Jun-2021	Vanguard Investments Australia Ltd.	BUY	2.63	Ordinary	384	384

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
29-Jun-2021	Vanguard Investments Australia Ltd.	BUY	2.75	Ordinary	3,128	3,128
1-Jul-2021	Vanguard Investments Australia Ltd.	BUY	2.75	Ordinary	6,643	6,643
2-Jul-2021	Vanguard Investments Australia Ltd.	BUY	2.78	Ordinary	576	576
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	2.74	Ordinary	3,040	3,040
13-Jul-2021	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	1,536	1,536
13-Jul-2021	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	768	768
20-Jul-2021	Vanguard Investments Australia Ltd.	BUY	2.72	Ordinary	2,289	2,289
27-Jul-2021	Vanguard Investments Australia Ltd.	BUY	2.82	Ordinary	3,052	3,052
27-Jul-2021	Vanguard Investments Australia Ltd.	BUY	2.83	Ordinary	59,405	59,405
27-Jul-2021	Vanguard Investments Australia Ltd.	BUY	2.83	Ordinary	2,000	2,000
29-Jul-2021	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	193	193
5-Aug-2021	Vanguard Investments Australia Ltd.	BUY	2.88	Ordinary	3,084	3,084
5-Aug-2021	Vanguard Investments Australia Ltd.	BUY	2.88	Ordinary	579	579
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	2.88	Ordinary	772	772
18-Aug-2021	Vanguard Investments Australia Ltd.	BUY	2.64	Ordinary	579	579
23-Aug-2021	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	388	388
23-Aug-2021	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	3,887	3,887
25-Aug-2021	Vanguard Investments Australia Ltd.	BUY	2.79	Ordinary	3,084	3,084
30-Aug-2021	Vanguard Investments Australia Ltd.	BUY	2.82	Ordinary	582	582
2-Sep-2021	Vanguard Investments Australia Ltd.	BUY	2.78	Ordinary	582	582
3-Sep-2021	Vanguard Investments Australia Ltd.	BUY	2.80	Ordinary	776	776
7-Sep-2021	Vanguard Investments Australia Ltd.	BUY	2.71	Ordinary	3,084	3,084
17-Sep-2021	Vanguard Investments Australia Ltd.	BUY	2.66	Ordinary	2,316	2,316
17-Sep-2021	Vanguard Investments Australia Ltd.	BUY	2.66	Ordinary	780	780
20-Sep-2021	Vanguard Investments Australia Ltd.	BUY	2.61	Ordinary	780	780
22-Sep-2021	Vanguard Investments Australia Ltd.	BUY	2.60	Ordinary	390	390
24-Sep-2021	Vanguard Investments Australia Ltd.	BUY	2.66	Ordinary	4,674	4,674
27-Sep-2021	Vanguard Investments Australia Ltd.	BUY	2.64	Ordinary	1,950	1,950
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.75	Ordinary	965	965
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.75	Ordinary	772	772
5-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	3,084	3,084
5-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	1,544	1,544
11-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.62	Ordinary	970	970
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.64	Ordinary	3,080	3,080
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.64	Ordinary	1,358	1,358
18-Oct-2021	Vanguard Investments Australia Ltd.	SELL	2.66	Ordinary	(12,538)	(12,538)
18-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.66	Ordinary	776	776
19-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	2,310	2,310
19-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	776	776
26-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.65	Ordinary	776	776
27-Oct-2021	Vanguard Investments Australia Ltd.	IN SPECIE	2.65	Ordinary	(107,972)	(107,972)
29-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.72	Ordinary	3,080	3,080
29-Oct-2021	Vanguard Investments Australia Ltd.	BUY	2.72	Ordinary	776	776
2-Nov-2021	Vanguard Investments Australia Ltd.	SELL	2.79	Ordinary	(12,117)	(12,117)
5-Nov-2021	Vanguard Investments Australia Ltd.	IN SPECIE	2.79	Ordinary	(1,219,137)	(1,219,137)
5-Nov-2021	Vanguard Investments Australia Ltd.	BUY	2.77	Ordinary	776	776

This is Annexure A of 6 pages referred to in Form 605, Notice of ceasing to be a substantial holder.

Signature:



Name: Shawn Acker

Capacity: Compliance Manager

Date: 17 November 2021