

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

To Company Name/Scheme GrainCorp Limited  
 ACN/ARSN 057 186 035

**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 29 August 2019

The previous notice was dated 29 August 2019

**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 4.757% 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
<b>Vanguard Group</b>	P.O. Box 2600, V26 Valley Forge, PA 19482 USA

**Signature**

print name Shawn Acker capacity Compliance Manager

sign here  date 19 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 GrainCorp Limited  
ACN/ARSN 057 186 035

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
4-Sep-2019	The Vanguard Group, Inc.	SELL	7.90	Ordinary	(901)	(901)
16-Sep-2019	The Vanguard Group, Inc.	BUY	8.33	Ordinary	771	771
18-Sep-2019	The Vanguard Group, Inc.	SELL	8.14	Ordinary	(1,802)	(1,802)
20-Sep-2019	The Vanguard Group, Inc.	BUY	8.23	Ordinary	2,655	2,655
25-Sep-2019	The Vanguard Group, Inc.	BUY	7.87	Ordinary	11,313	11,313
27-Sep-2019	The Vanguard Group, Inc.	SELL	7.90	Ordinary	(14,081)	(14,081)
30-Sep-2019	The Vanguard Group, Inc.	SELL	7.88	Ordinary	(111)	(111)
25-Oct-2019	The Vanguard Group, Inc.	SELL	7.43	Ordinary	(3,084)	(3,084)
29-Oct-2019	The Vanguard Group, Inc.	SELL	7.36	Ordinary	(1,205)	(1,205)
2-Dec-2019	The Vanguard Group, Inc.	BUY	8.10	Ordinary	7,728	7,728
20-Dec-2019	The Vanguard Group, Inc.	BUY	7.61	Ordinary	2,978	2,978
23-Dec-2019	The Vanguard Group, Inc.	BUY	7.70	Ordinary	7,686	7,686
23-Dec-2019	The Vanguard Group, Inc.	BUY	7.70	Ordinary	1,647	1,647
24-Dec-2019	The Vanguard Group, Inc.	BUY	7.57	Ordinary	3,294	3,294
26-Dec-2019	The Vanguard Group, Inc.	BUY	7.59	Ordinary	8,235	8,235
30-Dec-2019	The Vanguard Group, Inc.	SELL	7.66	Ordinary	(489)	(489)
3-Jan-2020	The Vanguard Group, Inc.	BUY	7.83	Ordinary	25,200	25,200
6-Jan-2020	The Vanguard Group, Inc.	BUY	7.68	Ordinary	18,261	18,261
7-Jan-2020	The Vanguard Group, Inc.	BUY	7.68	Ordinary	1,760	1,760
9-Jan-2020	The Vanguard Group, Inc.	BUY	7.84	Ordinary	9,882	9,882
15-Jan-2020	The Vanguard Group, Inc.	BUY	8.31	Ordinary	4,392	4,392
15-Jan-2020	The Vanguard Group, Inc.	SELL	8.30	Ordinary	(13,363)	(13,363)
16-Jan-2020	The Vanguard Group, Inc.	BUY	8.22	Ordinary	4,941	4,941
17-Jan-2020	The Vanguard Group, Inc.	BUY	8.35	Ordinary	4,392	4,392
17-Jan-2020	The Vanguard Group, Inc.	BUY	8.35	Ordinary	4,941	4,941
22-Jan-2020	The Vanguard Group, Inc.	BUY	8.45	Ordinary	3,294	3,294
23-Jan-2020	The Vanguard Group, Inc.	BUY	8.54	Ordinary	2,745	2,745
28-Jan-2020	The Vanguard Group, Inc.	BUY	8.40	Ordinary	2,618	2,618
31-Jan-2020	The Vanguard Group, Inc.	BUY	8.29	Ordinary	3,294	3,294
31-Jan-2020	The Vanguard Group, Inc.	BUY	8.29	Ordinary	3,294	3,294
4-Feb-2020	The Vanguard Group, Inc.	BUY	8.55	Ordinary	399	399
5-Feb-2020	The Vanguard Group, Inc.	BUY	8.72	Ordinary	9,386	9,386
5-Feb-2020	The Vanguard Group, Inc.	BUY	8.72	Ordinary	3,458	3,458
10-Feb-2020	The Vanguard Group, Inc.	BUY	8.92	Ordinary	4,446	4,446
11-Feb-2020	The Vanguard Group, Inc.	BUY	8.92	Ordinary	2,964	2,964
13-Feb-2020	The Vanguard Group, Inc.	BUY	8.86	Ordinary	6,422	6,422
14-Feb-2020	The Vanguard Group, Inc.	BUY	8.70	Ordinary	2,964	2,964
19-Feb-2020	The Vanguard Group, Inc.	BUY	8.39	Ordinary	69,732	69,732
19-Feb-2020	The Vanguard Group, Inc.	BUY	8.42	Ordinary	2,470	2,470
21-Feb-2020	The Vanguard Group, Inc.	BUY	8.45	Ordinary	3,952	3,952
24-Feb-2020	The Vanguard Group, Inc.	SELL	8.09	Ordinary	(1,285)	(1,285)
25-Feb-2020	The Vanguard Group, Inc.	SELL	8.04	Ordinary	(514)	(514)
25-Feb-2020	The Vanguard Group, Inc.	BUY	8.04	Ordinary	2,964	2,964
28-Feb-2020	The Vanguard Group, Inc.	BUY	7.78	Ordinary	75,269	75,269
2-Mar-2020	The Vanguard Group, Inc.	SELL	7.88	Ordinary	(3,952)	(3,952)
4-Mar-2020	The Vanguard Group, Inc.	SELL	7.77	Ordinary	(5,315)	(5,315)
6-Mar-2020	The Vanguard Group, Inc.	SELL	8.31	Ordinary	(2,964)	(2,964)
10-Mar-2020	The Vanguard Group, Inc.	SELL	8.11	Ordinary	(2,470)	(2,470)
10-Mar-2020	The Vanguard Group, Inc.	BUY	8.11	Ordinary	2,556	2,556
11-Mar-2020	The Vanguard Group, Inc.	SELL	7.70	Ordinary	(1,482)	(1,482)
12-Mar-2020	The Vanguard Group, Inc.	SELL	7.01	Ordinary	(5,434)	(5,434)
13-Mar-2020	The Vanguard Group, Inc.	BUY	6.90	Ordinary	78,734	78,734
13-Mar-2020	The Vanguard Group, Inc.	BUY	7.92	Ordinary	5,112	5,112
16-Mar-2020	The Vanguard Group, Inc.	SELL	6.79	Ordinary	(771)	(771)
16-Mar-2020	The Vanguard Group, Inc.	BUY	6.98	Ordinary	686	686
17-Mar-2020	The Vanguard Group, Inc.	SELL	7.73	Ordinary	(1,028)	(1,028)
17-Mar-2020	The Vanguard Group, Inc.	BUY	7.15	Ordinary	85,157	85,157
17-Mar-2020	The Vanguard Group, Inc.	SELL	7.73	Ordinary	(3,952)	(3,952)
17-Mar-2020	The Vanguard Group, Inc.	SELL	7.73	Ordinary	(4,940)	(4,940)
17-Mar-2020	The Vanguard Group, Inc.	SELL	7.58	Ordinary	(591)	(591)
18-Mar-2020	The Vanguard Group, Inc.	BUY	7.51	Ordinary	3,834	3,834

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19-Mar-2020	The Vanguard Group, Inc.	BUY	7.64	Ordinary	3,810	3,810
20-Mar-2020	The Vanguard Group, Inc.	SELL	7.22	Ordinary	(1,285)	(1,285)
20-Mar-2020	The Vanguard Group, Inc.	BUY	7.17	Ordinary	93,114	93,114
20-Mar-2020	The Vanguard Group, Inc.	BUY	7.28	Ordinary	6,606	6,606
23-Mar-2020	The Vanguard Group, Inc.	SELL	7.02	Ordinary	(1,028)	(1,028)
24-Mar-2020	The Vanguard Group, Inc.	BUY	6.45	Ordinary	3,519	3,519
24-Mar-2020	The Vanguard Group, Inc.	BUY	3.13	Ordinary	3,834	3,834
24-Mar-2020	The Vanguard Group, Inc.	BUY	3.13	Ordinary	6,390	6,390
26-Mar-2020	The Vanguard Group, Inc.	SELL	3.09	Ordinary	(771)	(771)
27-Mar-2020	The Vanguard Group, Inc.	BUY	2.99	Ordinary	5,112	5,112
6-Apr-2020	The Vanguard Group, Inc.	BUY	3.22	Ordinary	6,537	6,537
9-Apr-2020	The Vanguard Group, Inc.	SELL	3.35	Ordinary	(175,797)	(175,797)
17-Apr-2020	The Vanguard Group, Inc.	SELL	3.61	Ordinary	(4,588)	(4,588)
22-Apr-2020	The Vanguard Group, Inc.	SELL	3.43	Ordinary	(3,441)	(3,441)
29-Apr-2020	The Vanguard Group, Inc.	BUY	3.55	Ordinary	6,123	6,123
6-May-2020	The Vanguard Group, Inc.	SELL	3.54	Ordinary	(3,552)	(3,552)
13-May-2020	The Vanguard Group, Inc.	BUY	3.29	Ordinary	7,484	7,484
22-May-2020	The Vanguard Group, Inc.	SELL	4.04	Ordinary	(7,548)	(7,548)
8-Jun-2020	The Vanguard Group, Inc.	SELL	4.49	Ordinary	(11,268)	(11,268)
11-Jun-2020	The Vanguard Group, Inc.	SELL	4.15	Ordinary	(5,108)	(5,108)
27-Jul-2020	The Vanguard Group, Inc.	SELL	3.87	Ordinary	(5,224)	(5,224)
4-Sep-2020	The Vanguard Group, Inc.	BUY	4.40	Ordinary	316	316
18-Sep-2020	The Vanguard Group, Inc.	SELL	3.94	Ordinary	(7,015)	(7,015)
25-Sep-2020	The Vanguard Group, Inc.	SELL	3.97	Ordinary	(9,378)	(9,378)
25-Sep-2020	The Vanguard Group, Inc.	SELL	3.97	Ordinary	(7,815)	(7,815)
6-Oct-2020	The Vanguard Group, Inc.	SELL	3.82	Ordinary	(15,630)	(15,630)
7-Oct-2020	The Vanguard Group, Inc.	SELL	3.96	Ordinary	(14,067)	(14,067)
8-Oct-2020	The Vanguard Group, Inc.	SELL	3.96	Ordinary	(7,815)	(7,815)
20-Oct-2020	The Vanguard Group, Inc.	SELL	4.00	Ordinary	(3,126)	(3,126)
13-Nov-2020	The Vanguard Group, Inc.	SELL	4.33	Ordinary	(3,456)	(3,456)
18-Dec-2020	The Vanguard Group, Inc.	SELL	4.31	Ordinary	(60,353)	(60,353)
18-Dec-2020	The Vanguard Group, Inc.	BUY	4.31	Ordinary	5,351	5,351
21-Dec-2020	The Vanguard Group, Inc.	BUY	4.29	Ordinary	5,391	5,391
21-Dec-2020	The Vanguard Group, Inc.	BUY	4.29	Ordinary	3,594	3,594
6-Jan-2021	The Vanguard Group, Inc.	SELL	4.17	Ordinary	(760)	(760)
7-Jan-2021	The Vanguard Group, Inc.	BUY	4.41	Ordinary	5,391	5,391
7-Jan-2021	The Vanguard Group, Inc.	BUY	4.41	Ordinary	8,985	8,985
8-Jan-2021	The Vanguard Group, Inc.	BUY	4.43	Ordinary	3,594	3,594
12-Jan-2021	The Vanguard Group, Inc.	BUY	4.39	Ordinary	7,188	7,188
18-Feb-2021	The Vanguard Group, Inc.	BUY	4.62	Ordinary	63	63
22-Feb-2021	The Vanguard Group, Inc.	SELL	4.45	Ordinary	(4,873)	(4,873)
22-Feb-2021	The Vanguard Group, Inc.	BUY	4.44	Ordinary	6,874	6,874
23-Feb-2021	The Vanguard Group, Inc.	BUY	4.41	Ordinary	5,391	5,391
25-Feb-2021	The Vanguard Group, Inc.	BUY	4.29	Ordinary	19,767	19,767
26-Feb-2021	The Vanguard Group, Inc.	BUY	4.22	Ordinary	10,782	10,782
26-Feb-2021	The Vanguard Group, Inc.	BUY	4.22	Ordinary	32,346	32,346
1-Mar-2021	The Vanguard Group, Inc.	BUY	4.25	Ordinary	25,158	25,158
2-Mar-2021	The Vanguard Group, Inc.	BUY	4.23	Ordinary	17,970	17,970
4-Mar-2021	The Vanguard Group, Inc.	BUY	4.35	Ordinary	19,767	19,767
5-Mar-2021	The Vanguard Group, Inc.	BUY	4.31	Ordinary	6,977	6,977
5-Mar-2021	The Vanguard Group, Inc.	BUY	4.29	Ordinary	14,376	14,376
5-Mar-2021	The Vanguard Group, Inc.	BUY	4.29	Ordinary	21,564	21,564
9-Mar-2021	The Vanguard Group, Inc.	BUY	4.35	Ordinary	21,564	21,564
10-Mar-2021	The Vanguard Group, Inc.	BUY	4.41	Ordinary	17,970	17,970
15-Mar-2021	The Vanguard Group, Inc.	BUY	4.50	Ordinary	12,579	12,579
16-Mar-2021	The Vanguard Group, Inc.	BUY	4.45	Ordinary	5,391	5,391
16-Mar-2021	The Vanguard Group, Inc.	BUY	4.45	Ordinary	26,955	26,955
16-Mar-2021	The Vanguard Group, Inc.	BUY	4.45	Ordinary	10,782	10,782
17-Mar-2021	The Vanguard Group, Inc.	BUY	4.45	Ordinary	10,782	10,782
17-Mar-2021	The Vanguard Group, Inc.	BUY	4.45	Ordinary	21,564	21,564
22-Mar-2021	The Vanguard Group, Inc.	BUY	4.72	Ordinary	26,559	26,559
22-Mar-2021	The Vanguard Group, Inc.	BUY	4.72	Ordinary	12,258	12,258
26-Mar-2021	The Vanguard Group, Inc.	BUY	5.16	Ordinary	71,235	71,235
30-Mar-2021	The Vanguard Group, Inc.	BUY	5.15	Ordinary	22,422	22,422
1-Apr-2021	The Vanguard Group, Inc.	BUY	5.23	Ordinary	51,103	51,103
1-Apr-2021	The Vanguard Group, Inc.	BUY	5.21	Ordinary	8,172	8,172
7-Apr-2021	The Vanguard Group, Inc.	BUY	5.40	Ordinary	6,129	6,129
13-Apr-2021	The Vanguard Group, Inc.	BUY	5.35	Ordinary	6,426	6,426

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
20-Apr-2021	The Vanguard Group, Inc.	SELL	5.18	Ordinary	(17,111)	(17,111)
23-Apr-2021	The Vanguard Group, Inc.	BUY	5.13	Ordinary	6,426	6,426
26-Apr-2021	The Vanguard Group, Inc.	BUY	5.18	Ordinary	12,852	12,852
26-Apr-2021	The Vanguard Group, Inc.	BUY	5.18	Ordinary	12,852	12,852
27-Apr-2021	The Vanguard Group, Inc.	SELL	5.16	Ordinary	(186)	(186)
7-May-2021	The Vanguard Group, Inc.	BUY	5.27	Ordinary	1,384	1,384
7-May-2021	The Vanguard Group, Inc.	SELL	5.31	Ordinary	(572)	(572)
27-May-2021	The Vanguard Group, Inc.	BUY	4.95	Ordinary	6,426	6,426
15-Jun-2021	The Vanguard Group, Inc.	BUY	5.24	Ordinary	1,630	1,630
18-Jun-2021	The Vanguard Group, Inc.	SELL	5.15	Ordinary	(49,983)	(49,983)
18-Jun-2021	The Vanguard Group, Inc.	SELL	5.15	Ordinary	(1,086)	(1,086)
7-Jul-2021	The Vanguard Group, Inc.	BUY	5.04	Ordinary	63,391	63,391
7-Jul-2021	The Vanguard Group, Inc.	BUY	5.04	Ordinary	53,024	53,024
20-Jul-2021	The Vanguard Group, Inc.	BUY	5.29	Ordinary	1,821	1,821
28-Jul-2021	The Vanguard Group, Inc.	BUY	5.21	Ordinary	10,926	10,926
5-Aug-2021	The Vanguard Group, Inc.	BUY	5.35	Ordinary	9,105	9,105
17-Aug-2021	The Vanguard Group, Inc.	BUY	6.10	Ordinary	5,655	5,655
26-Aug-2021	The Vanguard Group, Inc.	BUY	6.18	Ordinary	3,770	3,770
1-Sep-2021	The Vanguard Group, Inc.	BUY	6.26	Ordinary	5,523	5,523
24-Sep-2021	The Vanguard Group, Inc.	BUY	6.35	Ordinary	41,777	41,777
27-Sep-2021	The Vanguard Group, Inc.	BUY	6.34	Ordinary	2,246	2,246
30-Sep-2021	The Vanguard Group, Inc.	BUY	6.37	Ordinary	44,438	44,438
29-Mar-2021	The Vanguard Group, Inc.	BUY	5.24	Ordinary	359	359
29-Aug-2019	Vanguard Investments Australia Ltd.	SELL	7.81	Ordinary	(4,016)	(4,016)
30-Aug-2019	Vanguard Investments Australia Ltd.	BUY	7.99	Ordinary	12,659	12,659
2-Sep-2019	Vanguard Investments Australia Ltd.	BUY	8.06	Ordinary	2,010	2,010
2-Sep-2019	Vanguard Investments Australia Ltd.	BUY	8.06	Ordinary	6,072	6,072
3-Sep-2019	Vanguard Investments Australia Ltd.	BUY	7.79	Ordinary	25,051	25,051
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	8.01	Ordinary	20,355	20,355
6-Sep-2019	Vanguard Investments Australia Ltd.	SELL	8.01	Ordinary	(7,402)	(7,402)
10-Sep-2019	Vanguard Investments Australia Ltd.	BUY	7.98	Ordinary	3,027	3,027
17-Sep-2019	Vanguard Investments Australia Ltd.	BUY	8.24	Ordinary	5,377	5,377
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	8.23	Ordinary	2,840	2,840
23-Sep-2019	Vanguard Investments Australia Ltd.	BUY	8.25	Ordinary	4,605	4,605
25-Sep-2019	Vanguard Investments Australia Ltd.	BUY	7.87	Ordinary	4,298	4,298
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	7.89	Ordinary	3,027	3,027
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	7.89	Ordinary	3,708	3,708
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.94	Ordinary	5,890	5,890
2-Oct-2019	Vanguard Investments Australia Ltd.	SELL	7.94	Ordinary	(7,440)	(7,440)
3-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.77	Ordinary	19,113	19,113
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.88	Ordinary	5,304	5,304
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.89	Ordinary	4,032	4,032
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.89	Ordinary	4,032	4,032
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.89	Ordinary	2,552	2,552
14-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.88	Ordinary	28,299	28,299
16-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.93	Ordinary	33,535	33,535
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.69	Ordinary	14,112	14,112
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.69	Ordinary	3,220	3,220
22-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.59	Ordinary	3,220	3,220
28-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.46	Ordinary	3,260	3,260
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.39	Ordinary	6,782	6,782
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.23	Ordinary	8,777	8,777
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	7.23	Ordinary	7,776	7,776
31-Oct-2019	Vanguard Investments Australia Ltd.	SELL	7.23	Ordinary	(3,888)	(3,888)
1-Nov-2019	Vanguard Investments Australia Ltd.	SELL	7.20	Ordinary	(6,916)	(6,916)
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	7.57	Ordinary	3,852	3,852
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	7.57	Ordinary	7,049	7,049
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	7.57	Ordinary	8,056	8,056
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	7.57	Ordinary	4,028	4,028
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	7.57	Ordinary	9,309	9,309
12-Nov-2019	Vanguard Investments Australia Ltd.	BUY	7.54	Ordinary	3,278	3,278
13-Nov-2019	Vanguard Investments Australia Ltd.	BUY	7.43	Ordinary	3,030	3,030
13-Nov-2019	Vanguard Investments Australia Ltd.	BUY	7.43	Ordinary	879	879
19-Nov-2019	Vanguard Investments Australia Ltd.	BUY	8.42	Ordinary	5,045	5,045
19-Nov-2019	Vanguard Investments Australia Ltd.	BUY	8.42	Ordinary	8,072	8,072
19-Nov-2019	Vanguard Investments Australia Ltd.	BUY	8.42	Ordinary	3,380	3,380
20-Nov-2019	Vanguard Investments Australia Ltd.	SELL	8.28	Ordinary	(14,412)	(14,412)
20-Nov-2019	Vanguard Investments Australia Ltd.	BUY	8.28	Ordinary	1,869	1,869

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
21-Nov-2019	Vanguard Investments Australia Ltd.	SELL	8.35	Ordinary	(2,415)	(2,415)
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	8.35	Ordinary	5,565	5,565
25-Nov-2019	Vanguard Investments Australia Ltd.	BUY	8.28	Ordinary	5,025	5,025
25-Nov-2019	Vanguard Investments Australia Ltd.	BUY	8.28	Ordinary	9,045	9,045
26-Nov-2019	Vanguard Investments Australia Ltd.	SELL	8.20	Ordinary	(9,464)	(9,464)
29-Nov-2019	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	3,060	3,060
2-Dec-2019	Vanguard Investments Australia Ltd.	BUY	8.21	Ordinary	11,175	11,175
4-Dec-2019	Vanguard Investments Australia Ltd.	BUY	7.64	Ordinary	5,632	5,632
6-Dec-2019	Vanguard Investments Australia Ltd.	SELL	7.76	Ordinary	(68,457)	(68,457)
6-Dec-2019	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	18,224	18,224
9-Dec-2019	Vanguard Investments Australia Ltd.	BUY	7.70	Ordinary	3,060	3,060
13-Dec-2019	Vanguard Investments Australia Ltd.	BUY	7.85	Ordinary	2,570	2,570
16-Dec-2019	Vanguard Investments Australia Ltd.	BUY	7.80	Ordinary	2,910	2,910
18-Dec-2019	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	3,570	3,570
27-Dec-2019	Vanguard Investments Australia Ltd.	BUY	7.70	Ordinary	1,936	1,936
30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	7.66	Ordinary	2,032	2,032
31-Dec-2019	Vanguard Investments Australia Ltd.	SELL	7.58	Ordinary	(4,595)	(4,595)
31-Dec-2019	Vanguard Investments Australia Ltd.	BUY	7.58	Ordinary	1,265	1,265
2-Jan-2020	Vanguard Investments Australia Ltd.	BUY	7.71	Ordinary	3,000	3,000
7-Jan-2020	Vanguard Investments Australia Ltd.	BUY	7.68	Ordinary	1,488	1,488
8-Jan-2020	Vanguard Investments Australia Ltd.	BUY	7.61	Ordinary	3,705	3,705
9-Jan-2020	Vanguard Investments Australia Ltd.	SELL	7.81	Ordinary	(1,976)	(1,976)
13-Jan-2020	Vanguard Investments Australia Ltd.	BUY	8.04	Ordinary	2,856	2,856
13-Jan-2020	Vanguard Investments Australia Ltd.	BUY	8.04	Ordinary	3,675	3,675
14-Jan-2020	Vanguard Investments Australia Ltd.	BUY	8.34	Ordinary	2,856	2,856
15-Jan-2020	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	12,226	12,226
21-Jan-2020	Vanguard Investments Australia Ltd.	BUY	8.46	Ordinary	3,600	3,600
30-Jan-2020	Vanguard Investments Australia Ltd.	BUY	8.18	Ordinary	3,510	3,510
31-Jan-2020	Vanguard Investments Australia Ltd.	BUY	8.29	Ordinary	3,681	3,681
7-Feb-2020	Vanguard Investments Australia Ltd.	BUY	8.87	Ordinary	2,300	2,300
10-Feb-2020	Vanguard Investments Australia Ltd.	BUY	8.87	Ordinary	8,643	8,643
11-Feb-2020	Vanguard Investments Australia Ltd.	BUY	8.93	Ordinary	4,620	4,620
11-Feb-2020	Vanguard Investments Australia Ltd.	BUY	8.92	Ordinary	12,184	12,184
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	8.55	Ordinary	(10,229)	(10,229)
26-Feb-2020	Vanguard Investments Australia Ltd.	BUY	8.11	Ordinary	3,856	3,856
27-Feb-2020	Vanguard Investments Australia Ltd.	BUY	7.97	Ordinary	15,542	15,542
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	7.79	Ordinary	(4,553)	(4,553)
28-Feb-2020	Vanguard Investments Australia Ltd.	BUY	7.80	Ordinary	3,600	3,600
2-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.70	Ordinary	2,829	2,829
3-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.83	Ordinary	6,534	6,534
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	4,131	4,131
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	8.20	Ordinary	4,501	4,501
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.56	Ordinary	8,435	8,435
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.56	Ordinary	9,018	9,018
10-Mar-2020	Vanguard Investments Australia Ltd.	SELL	8.00	Ordinary	(9,921)	(9,921)
10-Mar-2020	Vanguard Investments Australia Ltd.	BUY	8.00	Ordinary	11,256	11,256
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.87	Ordinary	3,063	3,063
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.81	Ordinary	4,840	4,840
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.81	Ordinary	6,050	6,050
12-Mar-2020	Vanguard Investments Australia Ltd.	SELL	7.21	Ordinary	(4,417)	(4,417)
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.21	Ordinary	4,097	4,097
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.21	Ordinary	7,230	7,230
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.21	Ordinary	22,819	22,819
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	7.63	Ordinary	(6,731)	(6,731)
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.63	Ordinary	7,260	7,260
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.63	Ordinary	13,842	13,842
16-Mar-2020	Vanguard Investments Australia Ltd.	BUY	6.98	Ordinary	8,470	8,470
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.58	Ordinary	6,200	6,200
18-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.38	Ordinary	7,530	7,530
18-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.38	Ordinary	9,197	9,197
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.27	Ordinary	5,796	5,796
20-Mar-2020	Vanguard Investments Australia Ltd.	BUY	7.39	Ordinary	7,998	7,998
23-Mar-2020	Vanguard Investments Australia Ltd.	BUY	6.92	Ordinary	3,640	3,640
26-Mar-2020	Vanguard Investments Australia Ltd.	BUY	3.02	Ordinary	5,160	5,160
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	2.95	Ordinary	7,925	7,925
27-Mar-2020	Vanguard Investments Australia Ltd.	SELL	2.95	Ordinary	(8,559)	(8,559)
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	3.09	Ordinary	6,340	6,340
1-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.12	Ordinary	31,347	31,347

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1-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.12	Ordinary	3,978	3,978
2-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.16	Ordinary	4,635	4,635
3-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.10	Ordinary	1,712	1,712
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.33	Ordinary	10,640	10,640
9-Apr-2020	Vanguard Investments Australia Ltd.	SELL	3.35	Ordinary	(16,519)	(16,519)
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.35	Ordinary	9,894	9,894
15-Apr-2020	Vanguard Investments Australia Ltd.	SELL	3.54	Ordinary	(7,246)	(7,246)
15-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.54	Ordinary	5,460	5,460
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.38	Ordinary	4,250	4,250
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.38	Ordinary	5,000	5,000
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.42	Ordinary	3,660	3,660
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	3.60	Ordinary	(32,850)	(32,850)
28-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.60	Ordinary	4,302	4,302
29-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.58	Ordinary	2,805	2,805
30-Apr-2020	Vanguard Investments Australia Ltd.	BUY	3.54	Ordinary	3,740	3,740
1-May-2020	Vanguard Investments Australia Ltd.	BUY	3.47	Ordinary	3,570	3,570
1-May-2020	Vanguard Investments Australia Ltd.	BUY	3.47	Ordinary	4,760	4,760
4-May-2020	Vanguard Investments Australia Ltd.	BUY	3.43	Ordinary	6,692	6,692
8-May-2020	Vanguard Investments Australia Ltd.	BUY	3.60	Ordinary	229	229
12-May-2020	Vanguard Investments Australia Ltd.	BUY	3.33	Ordinary	3,248	3,248
13-May-2020	Vanguard Investments Australia Ltd.	BUY	3.29	Ordinary	3,480	3,480
19-May-2020	Vanguard Investments Australia Ltd.	BUY	3.97	Ordinary	4,520	4,520
20-May-2020	Vanguard Investments Australia Ltd.	BUY	3.90	Ordinary	2,784	2,784
20-May-2020	Vanguard Investments Australia Ltd.	BUY	3.90	Ordinary	3,568	3,568
22-May-2020	Vanguard Investments Australia Ltd.	BUY	4.01	Ordinary	2,688	2,688
25-May-2020	Vanguard Investments Australia Ltd.	BUY	4.20	Ordinary	2,240	2,240
26-May-2020	Vanguard Investments Australia Ltd.	BUY	4.10	Ordinary	25,784	25,784
26-May-2020	Vanguard Investments Australia Ltd.	BUY	4.10	Ordinary	3,360	3,360
27-May-2020	Vanguard Investments Australia Ltd.	BUY	4.24	Ordinary	25,108	25,108
29-May-2020	Vanguard Investments Australia Ltd.	BUY	4.42	Ordinary	3,360	3,360
1-Jun-2020	Vanguard Investments Australia Ltd.	BUY	4.40	Ordinary	17,920	17,920
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	3,450	3,450
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	2,760	2,760
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	4.25	Ordinary	3,420	3,420
15-Jun-2020	Vanguard Investments Australia Ltd.	BUY	4.06	Ordinary	4,660	4,660
16-Jun-2020	Vanguard Investments Australia Ltd.	BUY	4.21	Ordinary	2,340	2,340
17-Jun-2020	Vanguard Investments Australia Ltd.	BUY	4.35	Ordinary	3,480	3,480
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	4.12	Ordinary	464	464
23-Jun-2020	Vanguard Investments Australia Ltd.	SELL	4.13	Ordinary	(4,097)	(4,097)
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	4.02	Ordinary	5,474	5,474
29-Jun-2020	Vanguard Investments Australia Ltd.	BUY	4.02	Ordinary	12,195	12,195
30-Jun-2020	Vanguard Investments Australia Ltd.	SELL	4.12	Ordinary	(12,722)	(12,722)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	3.93	Ordinary	(2,196)	(2,196)
30-Jul-2020	Vanguard Investments Australia Ltd.	BUY	3.87	Ordinary	3,354	3,354
5-Aug-2020	Vanguard Investments Australia Ltd.	BUY	3.75	Ordinary	3,975	3,975
7-Aug-2020	Vanguard Investments Australia Ltd.	BUY	3.89	Ordinary	5,300	5,300
12-Aug-2020	Vanguard Investments Australia Ltd.	BUY	3.85	Ordinary	7,736	7,736
21-Aug-2020	Vanguard Investments Australia Ltd.	BUY	4.31	Ordinary	3,740	3,740
25-Aug-2020	Vanguard Investments Australia Ltd.	BUY	4.24	Ordinary	3,945	3,945
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	4.23	Ordinary	4,272	4,272
7-Sep-2020	Vanguard Investments Australia Ltd.	BUY	4.48	Ordinary	3,406	3,406
9-Sep-2020	Vanguard Investments Australia Ltd.	BUY	4.01	Ordinary	4,716	4,716
10-Sep-2020	Vanguard Investments Australia Ltd.	BUY	3.99	Ordinary	3,029	3,029
16-Sep-2020	Vanguard Investments Australia Ltd.	BUY	3.87	Ordinary	1,315	1,315
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	3.93	Ordinary	2,120	2,120
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	3.93	Ordinary	1,325	1,325
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	3.94	Ordinary	(3,142)	(3,142)
21-Sep-2020	Vanguard Investments Australia Ltd.	BUY	4.00	Ordinary	774	774
24-Sep-2020	Vanguard Investments Australia Ltd.	SELL	3.99	Ordinary	(3,724)	(3,724)
24-Sep-2020	Vanguard Investments Australia Ltd.	BUY	3.99	Ordinary	3,188	3,188
25-Sep-2020	Vanguard Investments Australia Ltd.	BUY	3.94	Ordinary	2,590	2,590
28-Sep-2020	Vanguard Investments Australia Ltd.	BUY	3.92	Ordinary	2,793	2,793
29-Sep-2020	Vanguard Investments Australia Ltd.	BUY	3.88	Ordinary	777	777
30-Sep-2020	Vanguard Investments Australia Ltd.	BUY	3.78	Ordinary	2,560	2,560
5-Oct-2020	Vanguard Investments Australia Ltd.	BUY	3.85	Ordinary	3,750	3,750
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	3.85	Ordinary	2,500	2,500
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	3.96	Ordinary	2,793	2,793
12-Oct-2020	Vanguard Investments Australia Ltd.	BUY	4.01	Ordinary	366	366

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-Oct-2020	Vanguard Investments Australia Ltd.	BUY	4.06	Ordinary	2,500	2,500
19-Oct-2020	Vanguard Investments Australia Ltd.	SELL	4.17	Ordinary	(13,536)	(13,536)
20-Oct-2020	Vanguard Investments Australia Ltd.	BUY	4.00	Ordinary	14,193	14,193
23-Oct-2020	Vanguard Investments Australia Ltd.	BUY	3.68	Ordinary	2,500	2,500
27-Oct-2020	Vanguard Investments Australia Ltd.	BUY	3.59	Ordinary	25,517	25,517
27-Oct-2020	Vanguard Investments Australia Ltd.	BUY	3.59	Ordinary	3,724	3,724
28-Oct-2020	Vanguard Investments Australia Ltd.	BUY	3.71	Ordinary	2,500	2,500
29-Oct-2020	Vanguard Investments Australia Ltd.	BUY	3.64	Ordinary	1,850	1,850
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	3.54	Ordinary	2,793	2,793
3-Nov-2020	Vanguard Investments Australia Ltd.	BUY	3.52	Ordinary	2,470	2,470
4-Nov-2020	Vanguard Investments Australia Ltd.	BUY	3.65	Ordinary	3,705	3,705
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	3.80	Ordinary	494	494
10-Nov-2020	Vanguard Investments Australia Ltd.	BUY	4.02	Ordinary	4,080	4,080
11-Nov-2020	Vanguard Investments Australia Ltd.	BUY	3.99	Ordinary	2,793	2,793
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	4.31	Ordinary	13,250	13,250
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	4.31	Ordinary	4,250	4,250
17-Nov-2020	Vanguard Investments Australia Ltd.	BUY	4.40	Ordinary	1,862	1,862
17-Nov-2020	Vanguard Investments Australia Ltd.	BUY	4.40	Ordinary	2,410	2,410
20-Nov-2020	Vanguard Investments Australia Ltd.	BUY	4.48	Ordinary	372	372
20-Nov-2020	Vanguard Investments Australia Ltd.	BUY	4.48	Ordinary	744	744
23-Nov-2020	Vanguard Investments Australia Ltd.	BUY	4.50	Ordinary	3,036	3,036
25-Nov-2020	Vanguard Investments Australia Ltd.	BUY	4.56	Ordinary	7,337	7,337
26-Nov-2020	Vanguard Investments Australia Ltd.	BUY	4.48	Ordinary	23,877	23,877
26-Nov-2020	Vanguard Investments Australia Ltd.	BUY	4.48	Ordinary	2,796	2,796
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	4.38	Ordinary	(16,765)	(16,765)
1-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	3,855	3,855
2-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.53	Ordinary	4,064	4,064
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	35,226	35,226
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	185	185
4-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.51	Ordinary	2,500	2,500
8-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.47	Ordinary	1,776	1,776
11-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.38	Ordinary	3,250	3,250
11-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.38	Ordinary	555	555
14-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	2,658	2,658
15-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.36	Ordinary	2,500	2,500
16-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.35	Ordinary	2,480	2,480
17-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.33	Ordinary	3,224	3,224
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.31	Ordinary	1,772	1,772
22-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.22	Ordinary	5,320	5,320
29-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.20	Ordinary	1,768	1,768
30-Dec-2020	Vanguard Investments Australia Ltd.	BUY	4.21	Ordinary	2,652	2,652
31-Dec-2020	Vanguard Investments Australia Ltd.	SELL	4.19	Ordinary	(10,858)	(10,858)
4-Jan-2021	Vanguard Investments Australia Ltd.	BUY	4.28	Ordinary	2,650	2,650
6-Jan-2021	Vanguard Investments Australia Ltd.	BUY	4.17	Ordinary	3,168	3,168
11-Jan-2021	Vanguard Investments Australia Ltd.	BUY	4.34	Ordinary	2,631	2,631
14-Jan-2021	Vanguard Investments Australia Ltd.	BUY	4.26	Ordinary	4,160	4,160
19-Jan-2021	Vanguard Investments Australia Ltd.	BUY	4.27	Ordinary	1,300	1,300
20-Jan-2021	Vanguard Investments Australia Ltd.	BUY	4.31	Ordinary	2,631	2,631
20-Jan-2021	Vanguard Investments Australia Ltd.	BUY	4.31	Ordinary	368	368
28-Jan-2021	Vanguard Investments Australia Ltd.	BUY	4.08	Ordinary	3,393	3,393
2-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.11	Ordinary	3,598	3,598
3-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.18	Ordinary	11,403	11,403
3-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.18	Ordinary	368	368
5-Feb-2021	Vanguard Investments Australia Ltd.	SELL	4.15	Ordinary	(4,878)	(4,878)
5-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.15	Ordinary	819	819
5-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.15	Ordinary	2,366	2,366
8-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.22	Ordinary	2,670	2,670
8-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.22	Ordinary	3,560	3,560
10-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.67	Ordinary	3,510	3,510
11-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.71	Ordinary	1,848	1,848
16-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.76	Ordinary	2,670	2,670
22-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.44	Ordinary	2,650	2,650
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.22	Ordinary	2,670	2,670
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	4.22	Ordinary	2,750	2,750
3-Mar-2021	Vanguard Investments Australia Ltd.	BUY	4.31	Ordinary	5,580	5,580
5-Mar-2021	Vanguard Investments Australia Ltd.	BUY	4.25	Ordinary	2,840	2,840
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	4.29	Ordinary	558	558
9-Mar-2021	Vanguard Investments Australia Ltd.	BUY	4.34	Ordinary	867	867



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10-Mar-2021	Vanguard Investments Australia Ltd.	BUY	4.38	Ordinary	3,480	3,480
17-Mar-2021	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	2,661	2,661
17-Mar-2021	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	2,940	2,940
29-Mar-2021	Vanguard Investments Australia Ltd.	BUY	5.24	Ordinary	1,774	1,774
30-Mar-2021	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	3,783	3,783
30-Mar-2021	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	3,201	3,201
31-Mar-2021	Vanguard Investments Australia Ltd.	BUY	5.25	Ordinary	348	348
1-Apr-2021	Vanguard Investments Australia Ltd.	IN SPECIE	5.21	Ordinary	(404,183)	(404,183)
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	855	855
7-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.37	Ordinary	3,456	3,456
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	3,552	3,552
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	6,314	6,314
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	3,444	3,444
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	1,730	1,730
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	519	519
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	519	519
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	173	173
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	346	346
16-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.28	Ordinary	2,661	2,661
20-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	5,860	5,860
26-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	2,661	2,661
28-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.07	Ordinary	4,498	4,498
29-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	3,212	3,212
29-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	692	692
30-Apr-2021	Vanguard Investments Australia Ltd.	BUY	5.10	Ordinary	2,661	2,661
3-May-2021	Vanguard Investments Australia Ltd.	BUY	5.10	Ordinary	2,900	2,900
3-May-2021	Vanguard Investments Australia Ltd.	BUY	5.10	Ordinary	519	519
5-May-2021	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	2,661	2,661
6-May-2021	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	1,774	1,774
6-May-2021	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	4,260	4,260
7-May-2021	Vanguard Investments Australia Ltd.	BUY	5.31	Ordinary	173	173
10-May-2021	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	173	173
13-May-2021	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	346	346
13-May-2021	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	519	519
14-May-2021	Vanguard Investments Australia Ltd.	BUY	5.30	Ordinary	2,661	2,661
14-May-2021	Vanguard Investments Australia Ltd.	BUY	5.30	Ordinary	3,976	3,976
17-May-2021	Vanguard Investments Australia Ltd.	SELL	5.21	Ordinary	(35,849)	(35,849)
17-May-2021	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	3,312	3,312
18-May-2021	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	2,595	2,595
19-May-2021	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	3,614	3,614
20-May-2021	Vanguard Investments Australia Ltd.	IN SPECIE	4.92	Ordinary	(819,630)	(819,630)
20-May-2021	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	3,540	3,540
20-May-2021	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	519	519
21-May-2021	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	5,600	5,600
21-May-2021	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	173	173
21-May-2021	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	1,211	1,211
25-May-2021	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	3,408	3,408
26-May-2021	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	173	173
27-May-2021	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	3,540	3,540
27-May-2021	Vanguard Investments Australia Ltd.	SELL	4.93	Ordinary	(18,005)	(18,005)
3-Jun-2021	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	173	173
8-Jun-2021	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	3,468	3,468
9-Jun-2021	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	3,444	3,444
15-Jun-2021	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	3,356	3,356
15-Jun-2021	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	173	173
22-Jun-2021	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	1,116	1,116
22-Jun-2021	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	2,790	2,790
23-Jun-2021	Vanguard Investments Australia Ltd.	IN SPECIE	5.22	Ordinary	(162,181)	(162,181)
23-Jun-2021	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	342	342
24-Jun-2021	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	342	342
29-Jun-2021	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	3,384	3,384
29-Jun-2021	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	3,408	3,408
30-Jun-2021	Vanguard Investments Australia Ltd.	SELL	5.16	Ordinary	(7,003)	(7,003)
1-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.12	Ordinary	3,566	3,566
2-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.07	Ordinary	1,440	1,440
2-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.07	Ordinary	513	513
7-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.06	Ordinary	4,074	4,074
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	3,288	3,288

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
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	4,964	4,964
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	4,088	4,088
13-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	1,368	1,368
13-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	684	684
19-Jul-2021	Vanguard Investments Australia Ltd.	SELL	5.22	Ordinary	(4,370)	(4,370)
19-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	1,465	1,465
20-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.26	Ordinary	2,478	2,478
20-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.26	Ordinary	3,540	3,540
22-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	1,899	1,899
23-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	3,528	3,528
27-Jul-2021	Vanguard Investments Australia Ltd.	IN SPECIE	5.27	Ordinary	(217,643)	(217,643)
27-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	3,304	3,304
29-Jul-2021	Vanguard Investments Australia Ltd.	BUY	5.28	Ordinary	172	172
3-Aug-2021	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	4,252	4,252
3-Aug-2021	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	4,074	4,074
5-Aug-2021	Vanguard Investments Australia Ltd.	BUY	5.35	Ordinary	3,340	3,340
5-Aug-2021	Vanguard Investments Australia Ltd.	BUY	5.35	Ordinary	516	516
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	688	688
9-Aug-2021	Vanguard Investments Australia Ltd.	BUY	5.30	Ordinary	3,444	3,444
16-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.14	Ordinary	5,240	5,240
18-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.13	Ordinary	5,280	5,280
18-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.13	Ordinary	2,112	2,112
18-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.13	Ordinary	516	516
19-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.06	Ordinary	3,432	3,432
20-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.10	Ordinary	1,325	1,325
23-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.10	Ordinary	346	346
25-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.17	Ordinary	3,340	3,340
25-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.17	Ordinary	3,484	3,484
25-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.17	Ordinary	1,800	1,800
26-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.19	Ordinary	2,690	2,690
30-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.26	Ordinary	3,822	3,822
30-Aug-2021	Vanguard Investments Australia Ltd.	BUY	6.26	Ordinary	519	519
2-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.21	Ordinary	4,320	4,320
2-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.21	Ordinary	519	519
3-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.19	Ordinary	692	692
6-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.25	Ordinary	3,264	3,264
7-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.38	Ordinary	3,328	3,328
9-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.36	Ordinary	3,822	3,822
10-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.46	Ordinary	1,804	1,804
15-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.50	Ordinary	3,264	3,264
17-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.56	Ordinary	2,496	2,496
17-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.56	Ordinary	692	692
20-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.35	Ordinary	4,116	4,116
20-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.35	Ordinary	696	696
22-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.26	Ordinary	348	348
22-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.26	Ordinary	1,883	1,883
23-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.41	Ordinary	5,049	5,049
27-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.37	Ordinary	1,740	1,740
28-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.22	Ordinary	3,660	3,660
29-Sep-2021	Vanguard Investments Australia Ltd.	BUY	6.30	Ordinary	1,545	1,545
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.37	Ordinary	4,960	4,960
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.37	Ordinary	4,650	4,650
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.37	Ordinary	860	860
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.37	Ordinary	688	688
4-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.38	Ordinary	1,550	1,550
5-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.52	Ordinary	3,324	3,324
5-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.52	Ordinary	1,376	1,376
8-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.58	Ordinary	5,309	5,309
8-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.58	Ordinary	4,992	4,992
11-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.53	Ordinary	865	865
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.59	Ordinary	3,324	3,324
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.59	Ordinary	2,018	2,018
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.59	Ordinary	1,211	1,211
15-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.42	Ordinary	4,095	4,095
18-Oct-2021	Vanguard Investments Australia Ltd.	SELL	6.41	Ordinary	(5,254)	(5,254)
18-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.41	Ordinary	692	692
19-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.36	Ordinary	2,493	2,493
19-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.36	Ordinary	692	692

## 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
21-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.24	Ordinary	4,199	4,199
26-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.35	Ordinary	692	692
27-Oct-2021	Vanguard Investments Australia Ltd.	IN SPECIE	6.37	Ordinary	(111,301)	(111,301)
29-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.28	Ordinary	3,324	3,324
29-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.28	Ordinary	4,935	4,935
29-Oct-2021	Vanguard Investments Australia Ltd.	BUY	6.28	Ordinary	692	692
1-Nov-2021	Vanguard Investments Australia Ltd.	SELL	6.26	Ordinary	(2,348)	(2,348)
1-Nov-2021	Vanguard Investments Australia Ltd.	BUY	6.26	Ordinary	1,635	1,635
2-Nov-2021	Vanguard Investments Australia Ltd.	SELL	6.42	Ordinary	(11,032)	(11,032)
3-Nov-2021	Vanguard Investments Australia Ltd.	BUY	6.60	Ordinary	1,993	1,993
4-Nov-2021	Vanguard Investments Australia Ltd.	BUY	6.71	Ordinary	3,804	3,804
5-Nov-2021	Vanguard Investments Australia Ltd.	IN SPECIE	6.77	Ordinary	(1,055,397)	(1,055,397)
5-Nov-2021	Vanguard Investments Australia Ltd.	BUY	6.85	Ordinary	692	692

This is Annexure A of 9 pages referred to in Form 605, Notice of ceasing to be a substantial holder.

Signature:



Name: Shawn Acker

Capacity: Compliance Manager

Date: 19 November 2021