

Form 604
Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme Rural Funds Group
ACN/ARSN 077 492 838

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 28 November 2019

The previous notice was given to the company on 18 July 2018

The previous notice was dated 18 July 2018

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	22,238,563	8.699%	32,584,896	9.702%

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	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 – 1,217,083	1,217,083
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 – 23,544,115	23,544,115
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 – 101,213	101,213
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 – 4,078,104	4,078,104
Vanguard Group	Various others	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 – 3,644,381	3,644,381

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:

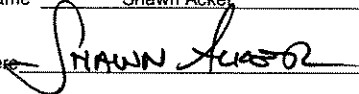
Name and ACN/ARSN (if applicable)	Nature of association
N/A	N/A

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 03 December 2019

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 6 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (6) 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.

- (7) 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.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

Annexure A

To Company Rural Funds Group
ACN/ARSN 077 492 838

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-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	2,888	2,888
17-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	54,725	54,725
17-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	15,484	15,484
17-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	18,325	18,325
17-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	8,374	8,374
18-Jul-2018	The Vanguard Group, Inc.	BUY	2.03	Ordinary	24,982	24,982
18-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	5,863	5,863
18-Jul-2018	The Vanguard Group, Inc.	BUY	2.03	Ordinary	473,304	473,304
18-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	111,079	111,079
18-Jul-2018	The Vanguard Group, Inc.	BUY	2.03	Ordinary	133,916	133,916
18-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	31,429	31,429
18-Jul-2018	The Vanguard Group, Inc.	BUY	2.03	Ordinary	158,490	158,490
18-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	37,195	37,195
18-Jul-2018	The Vanguard Group, Inc.	BUY	2.03	Ordinary	72,420	72,420
18-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	16,996	16,996
19-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	16,838	16,838
19-Jul-2018	The Vanguard Group, Inc.	BUY	2.05	Ordinary	202	202
19-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	319,027	319,027
19-Jul-2018	The Vanguard Group, Inc.	BUY	2.05	Ordinary	3,825	3,825
19-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	90,265	90,265
19-Jul-2018	The Vanguard Group, Inc.	BUY	2.05	Ordinary	1,082	1,082
19-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	106,829	106,829
19-Jul-2018	The Vanguard Group, Inc.	BUY	2.05	Ordinary	1,281	1,281
19-Jul-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	48,815	48,815
19-Jul-2018	The Vanguard Group, Inc.	BUY	2.05	Ordinary	585	585
3-Aug-2018	The Vanguard Group, Inc.	BUY	1.98	Ordinary	796	796
6-Aug-2018	The Vanguard Group, Inc.	BUY	2.00	Ordinary	1,320	1,320
21-Sep-2018	The Vanguard Group, Inc.	BUY	2.20	Ordinary	74,710	74,710
12-Oct-2018	The Vanguard Group, Inc.	SELL	2.10	Ordinary	(16,864)	(16,864)
23-Oct-2018	The Vanguard Group, Inc.	SELL	2.12	Ordinary	(6,324)	(6,324)
23-Oct-2018	The Vanguard Group, Inc.	SELL	2.12	Ordinary	(16,864)	(16,864)
29-Oct-2018	The Vanguard Group, Inc.	SELL	2.11	Ordinary	(8,432)	(8,432)
29-Oct-2018	The Vanguard Group, Inc.	SELL	2.11	Ordinary	(8,432)	(8,432)
31-Oct-2018	The Vanguard Group, Inc.	SELL	2.13	Ordinary	(6,324)	(6,324)
31-Oct-2018	The Vanguard Group, Inc.	SELL	2.13	Ordinary	(27,404)	(27,404)
14-Nov-2018	The Vanguard Group, Inc.	BUY	2.26	Ordinary	60,583	60,583
19-Nov-2018	The Vanguard Group, Inc.	BUY	2.24	Ordinary	9,561	9,561
30-Nov-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	80,413	80,413
6-Dec-2018	The Vanguard Group, Inc.	SELL	2.24	Ordinary	(3,773)	(3,773)
12-Dec-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	5,403	5,403
19-Dec-2018	The Vanguard Group, Inc.	SELL	2.22	Ordinary	(10,806)	(10,806)
21-Dec-2018	The Vanguard Group, Inc.	SELL	2.23	Ordinary	(63,342)	(63,342)
21-Dec-2018	The Vanguard Group, Inc.	BUY	2.23	Ordinary	2,155	2,155
2-Jan-2019	The Vanguard Group, Inc.	BUY	2.20	Ordinary	39,156	39,156
2-Jan-2019	The Vanguard Group, Inc.	BUY	2.20	Ordinary	26,104	26,104
2-Jan-2019	The Vanguard Group, Inc.	BUY	2.20	Ordinary	13,052	13,052
3-Jan-2019	The Vanguard Group, Inc.	BUY	2.16	Ordinary	9,789	9,789
4-Jan-2019	The Vanguard Group, Inc.	BUY	2.18	Ordinary	39,017	39,017
4-Jan-2019	The Vanguard Group, Inc.	BUY	2.20	Ordinary	3,263	3,263
7-Jan-2019	The Vanguard Group, Inc.	BUY	2.18	Ordinary	47,781	47,781
8-Jan-2019	The Vanguard Group, Inc.	BUY	2.18	Ordinary	44,877	44,877
10-Jan-2019	The Vanguard Group, Inc.	BUY	2.19	Ordinary	4,182	4,182
11-Jan-2019	The Vanguard Group, Inc.	BUY	2.21	Ordinary	8,364	8,364
15-Jan-2019	The Vanguard Group, Inc.	SELL	2.22	Ordinary	(2,091)	(2,091)
16-Jan-2019	The Vanguard Group, Inc.	SELL	2.21	Ordinary	(41,820)	(41,820)
29-Jan-2019	The Vanguard Group, Inc.	SELL	2.21	Ordinary	(13,052)	(13,052)
1-Feb-2019	The Vanguard Group, Inc.	SELL	2.20	Ordinary	(10,455)	(10,455)
1-Feb-2019	The Vanguard Group, Inc.	SELL	2.20	Ordinary	(8,364)	(8,364)
1-Feb-2019	The Vanguard Group, Inc.	SELL	2.20	Ordinary	(13,052)	(13,052)
1-Feb-2019	The Vanguard Group, Inc.	SELL	2.20	Ordinary	(16,315)	(16,315)
7-Feb-2019	The Vanguard Group, Inc.	SELL	2.22	Ordinary	(13,052)	(13,052)
8-Feb-2019	The Vanguard Group, Inc.	SELL	2.23	Ordinary	(9,789)	(9,789)
13-Feb-2019	The Vanguard Group, Inc.	SELL	2.20	Ordinary	(22,841)	(22,841)

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-Feb-2019	The Vanguard Group, Inc.	SELL	2.23	Ordinary	(13,052)	(13,052)
22-Feb-2019	The Vanguard Group, Inc.	SELL	2.21	Ordinary	(16,315)	(16,315)
25-Feb-2019	The Vanguard Group, Inc.	BUY	2.22	Ordinary	2,091	2,091
25-Feb-2019	The Vanguard Group, Inc.	SELL	2.22	Ordinary	(9,789)	(9,789)
25-Feb-2019	The Vanguard Group, Inc.	SELL	2.22	Ordinary	(6,526)	(6,526)
25-Feb-2019	The Vanguard Group, Inc.	SELL	2.22	Ordinary	(6,526)	(6,526)
28-Feb-2019	The Vanguard Group, Inc.	BUY	2.24	Ordinary	20,800	20,800
1-Mar-2019	The Vanguard Group, Inc.	BUY	2.24	Ordinary	6,273	6,273
5-Mar-2019	The Vanguard Group, Inc.	BUY	2.27	Ordinary	10,455	10,455
15-Mar-2019	The Vanguard Group, Inc.	BUY	2.29	Ordinary	56,149	56,149
15-Mar-2019	The Vanguard Group, Inc.	BUY	2.28	Ordinary	154	154
27-Mar-2019	The Vanguard Group, Inc.	BUY	2.31	Ordinary	8,216	8,216
27-Mar-2019	The Vanguard Group, Inc.	SELL	2.31	Ordinary	(6,526)	(6,526)
5-Apr-2019	The Vanguard Group, Inc.	BUY	2.22	Ordinary	6,162	6,162
5-Apr-2019	The Vanguard Group, Inc.	BUY	2.22	Ordinary	2,054	2,054
16-Apr-2019	The Vanguard Group, Inc.	BUY	2.24	Ordinary	19,164	19,164
26-Apr-2019	The Vanguard Group, Inc.	BUY	2.27	Ordinary	3,194	3,194
26-Apr-2019	The Vanguard Group, Inc.	BUY	2.27	Ordinary	9,582	9,582
29-Apr-2019	The Vanguard Group, Inc.	BUY	2.29	Ordinary	50,484	50,484
29-Apr-2019	The Vanguard Group, Inc.	BUY	2.28	Ordinary	3,506	3,506
30-Apr-2019	The Vanguard Group, Inc.	BUY	2.28	Ordinary	37,916	37,916
1-May-2019	The Vanguard Group, Inc.	BUY	2.27	Ordinary	37,582	37,582
8-May-2019	The Vanguard Group, Inc.	BUY	2.24	Ordinary	7,012	7,012
22-May-2019	The Vanguard Group, Inc.	BUY	2.28	Ordinary	7,012	7,012
29-May-2019	The Vanguard Group, Inc.	BUY	2.28	Ordinary	9,789	9,789
31-May-2019	The Vanguard Group, Inc.	BUY	2.25	Ordinary	1,535	1,535
4-Jun-2019	The Vanguard Group, Inc.	BUY	2.25	Ordinary	12,654	12,654
18-Jun-2019	The Vanguard Group, Inc.	SELL	2.33	Ordinary	(28,656)	(28,656)
18-Jul-2019	The Vanguard Group, Inc.	SELL	2.37	Ordinary	(3,680)	(3,680)
18-Jul-2019	The Vanguard Group, Inc.	SELL	2.37	Ordinary	(11,040)	(11,040)
18-Jul-2019	The Vanguard Group, Inc.	SELL	2.37	Ordinary	(16,560)	(16,560)
19-Jul-2019	The Vanguard Group, Inc.	SELL	2.39	Ordinary	(22,080)	(22,080)
22-Jul-2019	The Vanguard Group, Inc.	SELL	2.40	Ordinary	(7,360)	(7,360)
22-Jul-2019	The Vanguard Group, Inc.	SELL	2.40	Ordinary	(11,040)	(11,040)
25-Jul-2019	The Vanguard Group, Inc.	SELL	2.35	Ordinary	(9,200)	(9,200)
29-Jul-2019	The Vanguard Group, Inc.	SELL	2.29	Ordinary	(3,680)	(3,680)
5-Aug-2019	The Vanguard Group, Inc.	SELL	2.34	Ordinary	(5,520)	(5,520)
5-Aug-2019	The Vanguard Group, Inc.	SELL	2.34	Ordinary	(12,654)	(12,654)
5-Aug-2019	The Vanguard Group, Inc.	SELL	2.34	Ordinary	(12,654)	(12,654)
6-Aug-2019	The Vanguard Group, Inc.	BUY	2.31	Ordinary	317,958	317,958
9-Aug-2019	The Vanguard Group, Inc.	BUY	1.99	Ordinary	102,190	102,190
16-Aug-2019	The Vanguard Group, Inc.	BUY	1.95	Ordinary	25,960	25,960
19-Aug-2019	The Vanguard Group, Inc.	SELL	2.03	Ordinary	(4,218)	(4,218)
20-Aug-2019	The Vanguard Group, Inc.	BUY	2.03	Ordinary	184,998	184,998
20-Aug-2019	The Vanguard Group, Inc.	SELL	2.00	Ordinary	(9,490)	(9,490)
21-Aug-2019	The Vanguard Group, Inc.	BUY	2.00	Ordinary	108,044	108,044
4-Sep-2019	The Vanguard Group, Inc.	SELL	2.07	Ordinary	(4,218)	(4,218)
5-Sep-2019	The Vanguard Group, Inc.	BUY	2.06	Ordinary	15,064	15,064
5-Sep-2019	The Vanguard Group, Inc.	BUY	2.06	Ordinary	18,830	18,830
6-Sep-2019	The Vanguard Group, Inc.	BUY	1.98	Ordinary	7,532	7,532
17-Sep-2019	The Vanguard Group, Inc.	SELL	2.01	Ordinary	(5,649)	(5,649)
18-Sep-2019	The Vanguard Group, Inc.	SELL	1.95	Ordinary	(1,883)	(1,883)
18-Sep-2019	The Vanguard Group, Inc.	SELL	1.95	Ordinary	(11,298)	(11,298)
18-Sep-2019	The Vanguard Group, Inc.	SELL	1.95	Ordinary	(8,436)	(8,436)
20-Sep-2019	The Vanguard Group, Inc.	SELL	1.63	Ordinary	(113,764)	(113,764)
20-Sep-2019	The Vanguard Group, Inc.	BUY	1.63	Ordinary	14,574	14,574
2-Oct-2019	The Vanguard Group, Inc.	BUY	1.64	Ordinary	5,607	5,607
3-Oct-2019	The Vanguard Group, Inc.	BUY	1.72	Ordinary	220,385	220,385
21-Oct-2019	The Vanguard Group, Inc.	BUY	1.80	Ordinary	5,607	5,607
24-Oct-2019	The Vanguard Group, Inc.	BUY	1.79	Ordinary	15,090	15,090
25-Oct-2019	The Vanguard Group, Inc.	SELL	1.78	Ordinary	(6,840)	(6,840)
29-Oct-2019	The Vanguard Group, Inc.	SELL	1.81	Ordinary	(2,552)	(2,552)
7-Nov-2019	The Vanguard Group, Inc.	BUY	1.74	Ordinary	7,476	7,476
14-Nov-2019	The Vanguard Group, Inc.	BUY	1.79	Ordinary	3,738	3,738
14-Nov-2019	The Vanguard Group, Inc.	BUY	1.77	Ordinary	16,288	16,288
22-Nov-2019	The Vanguard Group, Inc.	BUY	1.90	Ordinary	224	224
25-Nov-2019	The Vanguard Group, Inc.	BUY	1.90	Ordinary	280	280
18-Jul-2018	Vanguard Investments Australia Ltd.	BUY	2.04	Ordinary	8,886	8,886
24-Jul-2018	Vanguard Investments Australia Ltd.	SELL	2.02	Ordinary	(9,869)	(9,869)

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
26-Jul-2018	Vanguard Investments Australia Ltd.	BUY	2.00	Ordinary	29,651	29,651
26-Jul-2018	Vanguard Investments Australia Ltd.	BUY	2.00	Ordinary	27,114	27,114
26-Jul-2018	Vanguard Investments Australia Ltd.	BUY	2.00	Ordinary	293,011	293,011
26-Jul-2018	Vanguard Investments Australia Ltd.	BUY	2.00	Ordinary	129,581	129,581
26-Jul-2018	Vanguard Investments Australia Ltd.	BUY	2.00	Ordinary	252,007	252,007
26-Jul-2018	Vanguard Investments Australia Ltd.	BUY	2.00	Ordinary	8,886	8,886
26-Jul-2018	Vanguard Investments Australia Ltd.	BUY	2.00	Ordinary	3,027,250	3,027,250
26-Jul-2018	Vanguard Investments Australia Ltd.	BUY	2.00	Ordinary	517,050	517,050
27-Jul-2018	Vanguard Investments Australia Ltd.	BUY	2.00	Ordinary	27,606	27,606
3-Aug-2018	Vanguard Investments Australia Ltd.	BUY	1.98	Ordinary	17,772	17,772
3-Aug-2018	Vanguard Investments Australia Ltd.	BUY	1.98	Ordinary	25,680	25,680
7-Aug-2018	Vanguard Investments Australia Ltd.	BUY	1.97	Ordinary	19,596	19,596
9-Aug-2018	Vanguard Investments Australia Ltd.	BUY	1.98	Ordinary	8,886	8,886
13-Aug-2018	Vanguard Investments Australia Ltd.	BUY	1.98	Ordinary	5,188	5,188
13-Aug-2018	Vanguard Investments Australia Ltd.	BUY	1.97	Ordinary	23,678	23,678
14-Aug-2018	Vanguard Investments Australia Ltd.	BUY	1.98	Ordinary	25,031	25,031
15-Aug-2018	Vanguard Investments Australia Ltd.	BUY	2.03	Ordinary	8,886	8,886
15-Aug-2018	Vanguard Investments Australia Ltd.	BUY	2.02	Ordinary	37,088	37,088
20-Aug-2018	Vanguard Investments Australia Ltd.	SELL	2.12	Ordinary	(10,780)	(10,780)
23-Aug-2018	Vanguard Investments Australia Ltd.	BUY	2.14	Ordinary	8,886	8,886
29-Aug-2018	Vanguard Investments Australia Ltd.	BUY	2.13	Ordinary	444	444
29-Aug-2018	Vanguard Investments Australia Ltd.	BUY	2.13	Ordinary	7,631	7,631
30-Aug-2018	Vanguard Investments Australia Ltd.	BUY	2.13	Ordinary	7,205	7,205
30-Aug-2018	Vanguard Investments Australia Ltd.	BUY	2.13	Ordinary	123,978	123,978
4-Sep-2018	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	8,886	8,886
6-Sep-2018	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	81,609	81,609
10-Sep-2018	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	8,894	8,894
10-Sep-2018	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	17,788	17,788
19-Sep-2018	Vanguard Investments Australia Ltd.	BUY	2.16	Ordinary	8,894	8,894
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	65,704	65,704
26-Sep-2018	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	8,906	8,906
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	13,473	13,473
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	11,708	11,708
28-Sep-2018	Vanguard Investments Australia Ltd.	SELL	2.19	Ordinary	(19,533)	(19,533)
3-Oct-2018	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	17,752	17,752
4-Oct-2018	Vanguard Investments Australia Ltd.	SELL	2.17	Ordinary	(868)	(868)
4-Oct-2018	Vanguard Investments Australia Ltd.	BUY	2.16	Ordinary	8,876	8,876
4-Oct-2018	Vanguard Investments Australia Ltd.	SELL	2.17	Ordinary	(6,483)	(6,483)
15-Oct-2018	Vanguard Investments Australia Ltd.	BUY	2.09	Ordinary	13,314	13,314
16-Oct-2018	Vanguard Investments Australia Ltd.	SELL	2.11	Ordinary	(9,924)	(9,924)
25-Oct-2018	Vanguard Investments Australia Ltd.	BUY	2.12	Ordinary	8,828	8,828
31-Oct-2018	Vanguard Investments Australia Ltd.	SELL	2.13	Ordinary	(22,070)	(22,070)
2-Nov-2018	Vanguard Investments Australia Ltd.	BUY	2.14	Ordinary	8,828	8,828
2-Nov-2018	Vanguard Investments Australia Ltd.	BUY	2.14	Ordinary	13,242	13,242
9-Nov-2018	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	8,832	8,832
21-Nov-2018	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	22,449	22,449
23-Nov-2018	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(15,591)	(15,591)
23-Nov-2018	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	20,338	20,338
26-Nov-2018	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(12,902)	(12,902)
29-Nov-2018	Vanguard Investments Australia Ltd.	SELL	2.24	Ordinary	(19,639)	(19,639)
30-Nov-2018	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	8,800	8,800
30-Nov-2018	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	277,652	277,652
3-Dec-2018	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	43,653	43,653
4-Dec-2018	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	43,954	43,954
4-Dec-2018	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	98,174	98,174
6-Dec-2018	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	16,597	16,597
6-Dec-2018	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	8,998	8,998
18-Dec-2018	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	13,503	13,503
20-Dec-2018	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	9,002	9,002
20-Dec-2018	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	47,117	47,117
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	17,336	17,336
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	134,286	134,286
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	56,205	56,205
27-Dec-2018	Vanguard Investments Australia Ltd.	SELL	2.20	Ordinary	(15,173)	(15,173)
31-Dec-2018	Vanguard Investments Australia Ltd.	SELL	2.15	Ordinary	(26,347)	(26,347)
9-Jan-2019	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	9,246	9,246
14-Jan-2019	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	4,212	4,212
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	15,412	15,412
22-Jan-2019	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	13,869	13,869

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
23-Jan-2019	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	4,623	4,623
4-Feb-2019	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	9,244	9,244
7-Feb-2019	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	5,616	5,616
12-Feb-2019	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	2,814	2,814
14-Feb-2019	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	13,866	13,866
18-Feb-2019	Vanguard Investments Australia Ltd.	SELL	2.19	Ordinary	(4,059)	(4,059)
25-Feb-2019	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	10,729	10,729
26-Feb-2019	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	4,622	4,622
26-Feb-2019	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	4,374	4,374
27-Feb-2019	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	25,167	25,167
28-Feb-2019	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	14,097	14,097
28-Feb-2019	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	25,270	25,270
1-Mar-2019	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	13,325	13,325
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	147	147
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	53,551	53,551
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	4,623	4,623
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	281	281
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	102,404	102,404
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	121	121
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	44,123	44,123
19-Mar-2019	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	14,001	14,001
20-Mar-2019	Vanguard Investments Australia Ltd.	SELL	2.30	Ordinary	(10,337)	(10,337)
29-Mar-2019	Vanguard Investments Australia Ltd.	SELL	2.27	Ordinary	(33,121)	(33,121)
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	19,138	19,138
4-Apr-2019	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	4,648	4,648
5-Apr-2019	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	13,944	13,944
8-Apr-2019	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	4,648	4,648
9-Apr-2019	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	107,673	107,673
10-Apr-2019	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	4,643	4,643
12-Apr-2019	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(14,141)	(14,141)
15-Apr-2019	Vanguard Investments Australia Ltd.	SELL	2.23	Ordinary	(3,087)	(3,087)
15-Apr-2019	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	9,284	9,284
16-Apr-2019	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	6,619	6,619
29-Apr-2019	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	13,923	13,923
29-Apr-2019	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	9,282	9,282
1-May-2019	Vanguard Investments Australia Ltd.	SELL	2.26	Ordinary	(5,869)	(5,869)
3-May-2019	Vanguard Investments Australia Ltd.	SELL	2.26	Ordinary	(28,172)	(28,172)
9-May-2019	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	13,923	13,923
10-May-2019	Vanguard Investments Australia Ltd.	BUY	2.26	Ordinary	55,284	55,284
14-May-2019	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(4,075)	(4,075)
14-May-2019	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	9,214	9,214
22-May-2019	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	18,428	18,428
24-May-2019	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	9,210	9,210
29-May-2019	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	13,809	13,809
29-May-2019	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	2,732	2,732
30-May-2019	Vanguard Investments Australia Ltd.	SELL	2.26	Ordinary	(3,875)	(3,875)
30-May-2019	Vanguard Investments Australia Ltd.	BUY	2.26	Ordinary	42,413	42,413
30-May-2019	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	9,150	9,150
30-May-2019	Vanguard Investments Australia Ltd.	SELL	2.26	Ordinary	(64,703)	(64,703)
4-Jun-2019	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(8,894)	(8,894)
6-Jun-2019	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	9,152	9,152
7-Jun-2019	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	65,929	65,929
11-Jun-2019	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	18,304	18,304
14-Jun-2019	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	13,728	13,728
17-Jun-2019	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	2,730	2,730
20-Jun-2019	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	13,728	13,728
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	18,304	18,304
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	638	638
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	65,680	65,680
25-Jun-2019	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	2,744	2,744
27-Jun-2019	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	18,568	18,568
28-Jun-2019	Vanguard Investments Australia Ltd.	SELL	2.30	Ordinary	(16,381)	(16,381)
1-Jul-2019	Vanguard Investments Australia Ltd.	SELL	2.30	Ordinary	(10,085)	(10,085)
1-Jul-2019	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	9,034	9,034
3-Jul-2019	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	18,056	18,056
11-Jul-2019	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	17,996	17,996
15-Jul-2019	Vanguard Investments Australia Ltd.	BUY	2.39	Ordinary	13,497	13,497
17-Jul-2019	Vanguard Investments Australia Ltd.	SELL	2.39	Ordinary	(15,243)	(15,243)
17-Jul-2019	Vanguard Investments Australia Ltd.	BUY	2.39	Ordinary	8,998	8,998

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-Jul-2019	Vanguard Investments Australia Ltd.	BUY	2.37	Ordinary	4,050	4,050
22-Jul-2019	Vanguard Investments Australia Ltd.	BUY	2.40	Ordinary	13,494	13,494
22-Jul-2019	Vanguard Investments Australia Ltd.	BUY	2.40	Ordinary	8,996	8,996
25-Jul-2019	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	13,494	13,494
29-Jul-2019	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	8,996	8,996
31-Jul-2019	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	8,998	8,998
2-Aug-2019	Vanguard Investments Australia Ltd.	BUY	2.37	Ordinary	8,988	8,988
5-Aug-2019	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	2,696	2,696
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	1.36	Ordinary	8,988	8,988
8-Aug-2019	Vanguard Investments Australia Ltd.	BUY	1.92	Ordinary	13,479	13,479
9-Aug-2019	Vanguard Investments Australia Ltd.	BUY	1.81	Ordinary	13,479	13,479
9-Aug-2019	Vanguard Investments Australia Ltd.	BUY	1.81	Ordinary	6,835	6,835
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	1.99	Ordinary	9,026	9,026
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	1.99	Ordinary	86,079	86,079
19-Aug-2019	Vanguard Investments Australia Ltd.	BUY	2.03	Ordinary	9,020	9,020
21-Aug-2019	Vanguard Investments Australia Ltd.	BUY	2.00	Ordinary	13,527	13,527
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	2.12	Ordinary	128,259	128,259
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	2.12	Ordinary	13,515	13,515
29-Aug-2019	Vanguard Investments Australia Ltd.	SELL	2.17	Ordinary	(5,560)	(5,560)
2-Sep-2019	Vanguard Investments Australia Ltd.	BUY	2.09	Ordinary	13,530	13,530
2-Sep-2019	Vanguard Investments Australia Ltd.	BUY	2.09	Ordinary	2,780	2,780
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	2.06	Ordinary	13,518	13,518
10-Sep-2019	Vanguard Investments Australia Ltd.	BUY	2.01	Ordinary	18,024	18,024
10-Sep-2019	Vanguard Investments Australia Ltd.	BUY	2.01	Ordinary	4,188	4,188
13-Sep-2019	Vanguard Investments Australia Ltd.	SELL	2.04	Ordinary	(18,153)	(18,153)
13-Sep-2019	Vanguard Investments Australia Ltd.	BUY	2.04	Ordinary	13,518	13,518
17-Sep-2019	Vanguard Investments Australia Ltd.	BUY	2.01	Ordinary	13,515	13,515
23-Sep-2019	Vanguard Investments Australia Ltd.	BUY	1.70	Ordinary	13,455	13,455
24-Sep-2019	Vanguard Investments Australia Ltd.	BUY	1.75	Ordinary	8,970	8,970
25-Sep-2019	Vanguard Investments Australia Ltd.	SELL	1.73	Ordinary	(11,320)	(11,320)
26-Sep-2019	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	13,461	13,461
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	1.70	Ordinary	4,188	4,188
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.65	Ordinary	69,005	69,005
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.65	Ordinary	22,330	22,330
9-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.78	Ordinary	22,300	22,300
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.76	Ordinary	5,580	5,580
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.76	Ordinary	5,580	5,580
14-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.73	Ordinary	38,765	38,765
16-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.80	Ordinary	45,937	45,937
16-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.80	Ordinary	17,840	17,840
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.79	Ordinary	19,530	19,530
21-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.80	Ordinary	13,371	13,371
28-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.82	Ordinary	13,368	13,368
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.80	Ordinary	9,290	9,290
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.77	Ordinary	17,828	17,828
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	1.77	Ordinary	24,341	24,341
4-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.73	Ordinary	8,914	8,914
4-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	47,256	47,256
6-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.70	Ordinary	17,812	17,812
7-Nov-2019	Vanguard Investments Australia Ltd.	SELL	1.73	Ordinary	(5,582)	(5,582)
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	8,906	8,906
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	5,576	5,576
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	11,152	11,152
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	9,758	9,758
12-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.75	Ordinary	13,359	13,359
13-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	4,194	4,194
15-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.79	Ordinary	8,906	8,906
19-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.89	Ordinary	11,168	11,168
19-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.89	Ordinary	6,980	6,980
20-Nov-2019	Vanguard Investments Australia Ltd.	SELL	1.89	Ordinary	(30,696)	(30,696)
20-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.89	Ordinary	13,350	13,350
20-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.89	Ordinary	13,350	13,350
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.90	Ordinary	8,900	8,900
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.89	Ordinary	32,293	32,293
25-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.90	Ordinary	12,519	12,519
25-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.90	Ordinary	6,955	6,955
26-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.92	Ordinary	8,900	8,900
26-Nov-2019	Vanguard Investments Australia Ltd.	SELL	1.91	Ordinary	(11,858)	(11,858)
27-Nov-2019	Vanguard Investments Australia Ltd.	SELL	1.84	Ordinary	(10,246)	(10,246)

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
27-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.85	Ordinary	17,800	17,800
27-Nov-2019	Vanguard Investments Australia Ltd.	SELL	1.84	Ordinary	(16,604)	(16,604)
28-Nov-2019	Vanguard Investments Australia Ltd.	BUY	1.88	Ordinary	22,245	22,245

This is Annexure A of 6 pages referred to in Form 604, Notice of change of interest of substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 03 December 2019