

Form 604
Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme Viva Energy REIT
ACN/ARSN 612 986 517

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 05 September 2019

The previous notice was given to the company on 30 August 2017

The previous notice was dated 30 August 2017

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	36,293,034	5.001%	46,769,340	6.006%

3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
See Annexure A					

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Vanguard Group	Brown Brothers Harriman	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 175,578	175,578
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 – 1,752,954	1,752,954
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 – 32,430,004	32,430,004
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 – 5,769,598	5,769,598
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 – 6,641,206	6,641,206

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 09 September 2019

To Company	Viva Energy REIT
ACN/ARSN	612 986 517
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
29-Aug-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	15,774	15,774
31-Aug-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	5,258	5,258
1-Sep-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	2,535	2,535
5-Sep-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	7,887	7,887
6-Sep-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	1,690	1,690
6-Sep-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	8,450	8,450
7-Sep-2017	The Vanguard Group, Inc.	Sell	2.16	Ordinary	702	702
14-Sep-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	2,629	2,629
25-Sep-2017	The Vanguard Group, Inc.	BUY	2.07	Ordinary	19,520	19,520
27-Sep-2017	The Vanguard Group, Inc.	BUY	2.10	Ordinary	4,225	4,225
27-Sep-2017	The Vanguard Group, Inc.	BUY	2.64	Ordinary	136,404	136,404
27-Sep-2017	The Vanguard Group, Inc.	BUY	2.10	Ordinary	4,880	4,880
2-Oct-2017	The Vanguard Group, Inc.	BUY	2.11	Ordinary	7,320	7,320
6-Oct-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	4,225	4,225
12-Oct-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	19,520	19,520
20-Oct-2017	The Vanguard Group, Inc.	BUY	2.19	Ordinary	19,520	19,520
31-Oct-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	14,640	14,640
31-Oct-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	4,880	4,880
2-Nov-2017	The Vanguard Group, Inc.	BUY	2.14	Ordinary	9,760	9,760
3-Nov-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	14,640	14,640
9-Nov-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	2,535	2,535
10-Nov-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	5,070	5,070
13-Nov-2017	The Vanguard Group, Inc.	BUY	2.18	Ordinary	9,295	9,295
13-Nov-2017	The Vanguard Group, Inc.	BUY	2.18	Ordinary	19,520	19,520
15-Nov-2017	The Vanguard Group, Inc.	BUY	2.41	Ordinary	26,580	26,580
15-Nov-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	9,760	9,760
16-Nov-2017	The Vanguard Group, Inc.	BUY	2.65	Ordinary	16,799	16,799
17-Nov-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	24,400	24,400
17-Nov-2017	The Vanguard Group, Inc.	BUY	2.16	Ordinary	8,586	8,586
21-Nov-2017	The Vanguard Group, Inc.	BUY	2.69	Ordinary	132,664	132,664
24-Nov-2017	The Vanguard Group, Inc.	BUY	2.17	Ordinary	19,520	19,520
24-Nov-2017	The Vanguard Group, Inc.	BUY	2.12	Ordinary	6,374	6,374
24-Nov-2017	The Vanguard Group, Inc.	Sell	2.17	Ordinary	961	961
6-Dec-2017	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(6,374)	(6,374)
8-Dec-2017	The Vanguard Group, Inc.	BUY	2.19	Ordinary	7,335	7,335
8-Dec-2017	The Vanguard Group, Inc.	BUY	2.19	Ordinary	22,005	22,005
8-Dec-2017	The Vanguard Group, Inc.	BUY	2.07	Ordinary	28,683	28,683
8-Dec-2017	The Vanguard Group, Inc.	BUY	2.07	Ordinary	15,935	15,935
13-Dec-2017	The Vanguard Group, Inc.	SELL	2.25	Ordinary	(9,561)	(9,561)
14-Dec-2017	The Vanguard Group, Inc.	SELL	2.23	Ordinary	(6,374)	(6,374)
20-Dec-2017	The Vanguard Group, Inc.	SELL	2.24	Ordinary	(5,016)	(5,016)
20-Dec-2017	The Vanguard Group, Inc.	BUY	2.11	Ordinary	9,561	9,561
2-Jan-2018	The Vanguard Group, Inc.	SELL	2.12	Ordinary	(42,566)	(42,566)
4-Jan-2018	The Vanguard Group, Inc.	SELL	2.19	Ordinary	(3,667)	(3,667)
8-Jan-2018	The Vanguard Group, Inc.	BUY	2.24	Ordinary	17,535	17,535
8-Jan-2018	The Vanguard Group, Inc.	BUY	2.11	Ordinary	9,561	9,561
16-Jan-2018	The Vanguard Group, Inc.	Sell	2.18	Ordinary	1,277	1,277
18-Jan-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	22,545	22,545
18-Jan-2018	The Vanguard Group, Inc.	BUY	2.19	Ordinary	6,374	6,374
19-Jan-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	10,020	10,020
19-Jan-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	9,561	9,561
23-Jan-2018	The Vanguard Group, Inc.	BUY	2.16	Ordinary	15,030	15,030
23-Jan-2018	The Vanguard Group, Inc.	BUY	2.16	Ordinary	9,561	9,561
24-Jan-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	5,010	5,010
24-Jan-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	15,935	15,935
26-Jan-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	20,040	20,040
26-Jan-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	6,374	6,374
2-Feb-2018	The Vanguard Group, Inc.	BUY	2.03	Ordinary	20,040	20,040
2-Feb-2018	The Vanguard Group, Inc.	BUY	2.26	Ordinary	6,834	6,834
5-Feb-2018	The Vanguard Group, Inc.	BUY	2.01	Ordinary	10,020	10,020
5-Feb-2018	The Vanguard Group, Inc.	BUY	2.25	Ordinary	10,251	10,251
15-Feb-2018	The Vanguard Group, Inc.	BUY	2.66	Ordinary	128,222	128,222
15-Feb-2018	The Vanguard Group, Inc.	BUY	2.70	Ordinary	130,549	130,549
15-Feb-2018	The Vanguard Group, Inc.	BUY	2.01	Ordinary	10,251	10,251
15-Feb-2018	The Vanguard Group, Inc.	SELL	2.28	Ordinary	(73,730)	(73,730)
16-Feb-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	133,831	133,831
16-Feb-2018	The Vanguard Group, Inc.	BUY	2.02	Ordinary	7,078	7,078

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
16-Feb-2018	The Vanguard Group, Inc.	SELL	2.27	Ordinary	(9,172)	(9,172)
20-Feb-2018	The Vanguard Group, Inc.	BUY	1.97	Ordinary	7,515	7,515
20-Feb-2018	The Vanguard Group, Inc.	BUY	2.02	Ordinary	10,617	10,617
21-Feb-2018	The Vanguard Group, Inc.	BUY	2.73	Ordinary	126,957	126,957
22-Feb-2018	The Vanguard Group, Inc.	BUY	2.66	Ordinary	132,381	132,381
28-Feb-2018	The Vanguard Group, Inc.	BUY	2.15	Ordinary	279,586	279,586
28-Feb-2018	The Vanguard Group, Inc.	SELL	2.25	Ordinary	(9,172)	(9,172)
5-Mar-2018	The Vanguard Group, Inc.	SELL	2.00	Ordinary	(22,545)	(22,545)
5-Mar-2018	The Vanguard Group, Inc.	BUY	2.00	Ordinary	10,617	10,617
13-Mar-2018	The Vanguard Group, Inc.	BUY	2.24	Ordinary	166,082	166,082
14-Mar-2018	The Vanguard Group, Inc.	BUY	2.06	Ordinary	189,132	189,132
14-Mar-2018	The Vanguard Group, Inc.	Buy	2.04	Ordinary	1,724	1,724
14-Mar-2018	The Vanguard Group, Inc.	Buy	2.04	Ordinary	767	767
15-Mar-2018	The Vanguard Group, Inc.	BUY	2.03	Ordinary	10,020	10,020
15-Mar-2018	The Vanguard Group, Inc.	BUY	2.00	Ordinary	7,078	7,078
16-Mar-2018	The Vanguard Group, Inc.	BUY	1.98	Ordinary	232,750	232,750
16-Mar-2018	The Vanguard Group, Inc.	Buy	2.03	Ordinary	3,330	3,330
23-Mar-2018	The Vanguard Group, Inc.	BUY	1.99	Ordinary	7,677	7,677
23-Mar-2018	The Vanguard Group, Inc.	BUY	2.02	Ordinary	10,617	10,617
3-Apr-2018	The Vanguard Group, Inc.	SELL	2.25	Ordinary	(11,465)	(11,465)
3-Apr-2018	The Vanguard Group, Inc.	SELL	2.34	Ordinary	(9,172)	(9,172)
10-Apr-2018	The Vanguard Group, Inc.	BUY	2.02	Ordinary	17,913	17,913
10-Apr-2018	The Vanguard Group, Inc.	BUY	2.02	Ordinary	31,851	31,851
12-Apr-2018	The Vanguard Group, Inc.	BUY	2.00	Ordinary	7,677	7,677
12-Apr-2018	The Vanguard Group, Inc.	BUY	2.05	Ordinary	10,617	10,617
13-Apr-2018	The Vanguard Group, Inc.	SELL	2.39	Ordinary	(6,879)	(6,879)
16-Apr-2018	The Vanguard Group, Inc.	BUY	1.97	Ordinary	17,913	17,913
16-Apr-2018	The Vanguard Group, Inc.	BUY	2.06	Ordinary	28,312	28,312
2-May-2018	The Vanguard Group, Inc.	BUY	2.06	Ordinary	17,913	17,913
2-May-2018	The Vanguard Group, Inc.	BUY	2.06	Ordinary	10,236	10,236
2-May-2018	The Vanguard Group, Inc.	BUY	2.09	Ordinary	10,617	10,617
2-May-2018	The Vanguard Group, Inc.	BUY	2.13	Ordinary	7,334	7,334
17-May-2018	The Vanguard Group, Inc.	SELL	2.39	Ordinary	(16,051)	(16,051)
21-May-2018	The Vanguard Group, Inc.	SELL	2.43	Ordinary	(9,172)	(9,172)
23-May-2018	The Vanguard Group, Inc.	SELL	2.38	Ordinary	(11,465)	(11,465)
31-May-2018	The Vanguard Group, Inc.	SELL	2.42	Ordinary	(6,879)	(6,879)
5-Jun-2018	The Vanguard Group, Inc.	BUY	2.06	Ordinary	7,677	7,677
5-Jun-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	22,002	22,002
11-Jun-2018	The Vanguard Group, Inc.	SELL	2.42	Ordinary	(4,586)	(4,586)
13-Jun-2018	The Vanguard Group, Inc.	SELL	2.42	Ordinary	(4,586)	(4,586)
15-Jun-2018	The Vanguard Group, Inc.	SELL	2.54	Ordinary	(4,586)	(4,586)
18-Jun-2018	The Vanguard Group, Inc.	BUY	2.14	Ordinary	7,632	7,632
18-Jun-2018	The Vanguard Group, Inc.	BUY	2.14	Ordinary	38,160	38,160
18-Jun-2018	The Vanguard Group, Inc.	BUY	2.20	Ordinary	14,668	14,668
18-Jun-2018	The Vanguard Group, Inc.	BUY	2.13	Ordinary	14,668	14,668
19-Jun-2018	The Vanguard Group, Inc.	SELL	2.65	Ordinary	(6,879)	(6,879)
22-Jun-2018	The Vanguard Group, Inc.	SELL	2.65	Ordinary	(6,879)	(6,879)
9-Jul-2018	The Vanguard Group, Inc.	BUY	2.22	Ordinary	7,632	7,632
9-Jul-2018	The Vanguard Group, Inc.	BUY	2.15	Ordinary	7,334	7,334
10-Jul-2018	The Vanguard Group, Inc.	BUY	2.56	Ordinary	112,035	112,035
11-Jul-2018	The Vanguard Group, Inc.	BUY	2.72	Ordinary	100,347	100,347
18-Jul-2018	The Vanguard Group, Inc.	SELL	2.21	Ordinary	(15,264)	(15,264)
18-Jul-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	11,001	11,001
19-Jul-2018	The Vanguard Group, Inc.	SELL	2.65	Ordinary	(2,293)	(2,293)
24-Jul-2018	The Vanguard Group, Inc.	SELL	2.90	Ordinary	(2,293)	(2,293)
25-Jul-2018	The Vanguard Group, Inc.	Sell	2.14	Ordinary	(1,583)	(1,583)
9-Aug-2018	The Vanguard Group, Inc.	SELL	2.17	Ordinary	(17,808)	(17,808)
9-Aug-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	22,002	22,002
10-Aug-2018	The Vanguard Group, Inc.	BUY	2.02	Ordinary	112,415	112,415
10-Aug-2018	The Vanguard Group, Inc.	BUY	2.04	Ordinary	125,676	125,676
10-Aug-2018	The Vanguard Group, Inc.	BUY	2.72	Ordinary	60,069	60,069
10-Aug-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	11,001	11,001
10-Aug-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	11,001	11,001
11-Sep-2018	The Vanguard Group, Inc.	BUY	2.25	Ordinary	20,352	20,352
11-Sep-2018	The Vanguard Group, Inc.	BUY	2.19	Ordinary	14,668	14,668
12-Oct-2018	The Vanguard Group, Inc.	SELL	2.11	Ordinary	(20,376)	(20,376)
12-Oct-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	7,334	7,334
23-Oct-2018	The Vanguard Group, Inc.	SELL	2.15	Ordinary	(20,376)	(20,376)
23-Oct-2018	The Vanguard Group, Inc.	SELL	2.15	Ordinary	(7,641)	(7,641)
23-Oct-2018	The Vanguard Group, Inc.	BUY	2.17	Ordinary	11,001	11,001
23-Oct-2018	The Vanguard Group, Inc.	BUY	2.13	Ordinary	11,001	11,001
29-Oct-2018	The Vanguard Group, Inc.	SELL	2.16	Ordinary	(10,188)	(10,188)
29-Oct-2018	The Vanguard Group, Inc.	SELL	2.16	Ordinary	(10,188)	(10,188)
29-Oct-2018	The Vanguard Group, Inc.	BUY	2.14	Ordinary	7,334	7,334

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-Oct-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	6,064	6,064
31-Oct-2018	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(33,111)	(33,111)
31-Oct-2018	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(7,641)	(7,641)
31-Oct-2018	The Vanguard Group, Inc.	BUY	2.21	Ordinary	9,096	9,096
31-Oct-2018	The Vanguard Group, Inc.	BUY	2.07	Ordinary	9,096	9,096
2-Nov-2018	The Vanguard Group, Inc.	BUY	2.13	Ordinary	27,583	27,583
14-Nov-2018	The Vanguard Group, Inc.	BUY	2.19	Ordinary	63,062	63,062
14-Nov-2018	The Vanguard Group, Inc.	BUY	2.09	Ordinary	9,096	9,096
12-Dec-2018	The Vanguard Group, Inc.	BUY	2.24	Ordinary	7,641	7,641
12-Dec-2018	The Vanguard Group, Inc.	BUY	2.18	Ordinary	12,128	12,128
19-Dec-2018	The Vanguard Group, Inc.	SELL	2.24	Ordinary	(15,282)	(15,282)
19-Dec-2018	The Vanguard Group, Inc.	BUY	2.20	Ordinary	12,128	12,128
21-Dec-2018	The Vanguard Group, Inc.	SELL	2.28	Ordinary	(114,272)	(114,272)
21-Dec-2018	The Vanguard Group, Inc.	BUY	2.24	Ordinary	12,128	12,128
10-Jan-2019	The Vanguard Group, Inc.	BUY	2.26	Ordinary	5,022	5,022
10-Jan-2019	The Vanguard Group, Inc.	BUY	2.21	Ordinary	9,096	9,096
11-Jan-2019	The Vanguard Group, Inc.	BUY	2.26	Ordinary	10,044	10,044
11-Jan-2019	The Vanguard Group, Inc.	BUY	2.24	Ordinary	12,128	12,128
15-Jan-2019	The Vanguard Group, Inc.	SELL	2.23	Ordinary	(2,511)	(2,511)
15-Jan-2019	The Vanguard Group, Inc.	BUY	2.27	Ordinary	9,172	9,172
16-Jan-2019	The Vanguard Group, Inc.	SELL	2.25	Ordinary	(50,220)	(50,220)
16-Jan-2019	The Vanguard Group, Inc.	BUY	2.27	Ordinary	27,516	27,516
1-Feb-2019	The Vanguard Group, Inc.	SELL	2.25	Ordinary	(12,555)	(12,555)
1-Feb-2019	The Vanguard Group, Inc.	SELL	2.25	Ordinary	(10,044)	(10,044)
1-Feb-2019	The Vanguard Group, Inc.	BUY	2.27	Ordinary	18,344	18,344
1-Feb-2019	The Vanguard Group, Inc.	BUY	2.29	Ordinary	6,879	6,879
15-Feb-2019	The Vanguard Group, Inc.	BUY	2.05	Ordinary	126,936	126,936
21-Feb-2019	The Vanguard Group, Inc.	BUY	2.32	Ordinary	150,766	150,766
21-Feb-2019	The Vanguard Group, Inc.	BUY	2.49	Ordinary	11,257	11,257
25-Feb-2019	The Vanguard Group, Inc.	BUY	2.42	Ordinary	2,511	2,511
25-Feb-2019	The Vanguard Group, Inc.	BUY	2.30	Ordinary	2,293	2,293
28-Feb-2019	The Vanguard Group, Inc.	BUY	2.04	Ordinary	128,856	128,856
28-Feb-2019	The Vanguard Group, Inc.	BUY	2.08	Ordinary	107,833	107,833
28-Feb-2019	The Vanguard Group, Inc.	BUY	2.60	Ordinary	6,879	6,879
1-Mar-2019	The Vanguard Group, Inc.	BUY	2.42	Ordinary	7,533	7,533
1-Mar-2019	The Vanguard Group, Inc.	BUY	2.64	Ordinary	6,879	6,879
5-Mar-2019	The Vanguard Group, Inc.	BUY	2.46	Ordinary	12,555	12,555
5-Mar-2019	The Vanguard Group, Inc.	BUY	2.72	Ordinary	64,423	64,423
7-Mar-2019	The Vanguard Group, Inc.	BUY	2.72	Ordinary	38,563	38,563
18-Mar-2019	The Vanguard Group, Inc.	BUY	2.50	Ordinary	188,327	188,327
20-Mar-2019	The Vanguard Group, Inc.	BUY	2.49	Ordinary	16,032	16,032
21-Mar-2019	The Vanguard Group, Inc.	Buy	2.48	Ordinary	6,504	6,504
27-Mar-2019	The Vanguard Group, Inc.	BUY	2.54	Ordinary	9,992	9,992
5-Apr-2019	The Vanguard Group, Inc.	BUY	2.45	Ordinary	7,494	7,494
5-Apr-2019	The Vanguard Group, Inc.	BUY	2.45	Ordinary	2,498	2,498
16-Apr-2019	The Vanguard Group, Inc.	SELL	2.03	Ordinary	(55,808)	(55,808)
16-Apr-2019	The Vanguard Group, Inc.	BUY	2.52	Ordinary	59,818	59,818
16-Apr-2019	The Vanguard Group, Inc.	BUY	2.53	Ordinary	22,656	22,656
26-Apr-2019	The Vanguard Group, Inc.	SELL	2.41	Ordinary	(58,817)	(58,817)
26-Apr-2019	The Vanguard Group, Inc.	SELL	2.71	Ordinary	(15,699)	(15,699)
26-Apr-2019	The Vanguard Group, Inc.	BUY	2.50	Ordinary	11,328	11,328
26-Apr-2019	The Vanguard Group, Inc.	BUY	2.50	Ordinary	3,776	3,776
29-Apr-2019	The Vanguard Group, Inc.	BUY	2.47	Ordinary	136,111	136,111
29-Apr-2019	The Vanguard Group, Inc.	BUY	2.45	Ordinary	4,960	4,960
7-May-2019	The Vanguard Group, Inc.	BUY	2.21	Ordinary	283,098	283,098
8-May-2019	The Vanguard Group, Inc.	BUY	2.40	Ordinary	9,920	9,920
10-May-2019	The Vanguard Group, Inc.	Buy	2.47	Ordinary	1,546	1,546
22-May-2019	The Vanguard Group, Inc.	SELL	2.01	Ordinary	(12,949)	(12,949)
22-May-2019	The Vanguard Group, Inc.	BUY	2.60	Ordinary	9,920	9,920
28-May-2019	The Vanguard Group, Inc.	BUY	2.62	Ordinary	15,903	15,903
29-May-2019	The Vanguard Group, Inc.	Buy	2.60	Ordinary	(1,160)	(1,160)
13-Jun-2019	The Vanguard Group, Inc.	SELL	2.71	Ordinary	(19,660)	(19,660)
18-Jun-2019	The Vanguard Group, Inc.	BUY	2.20	Ordinary	20,354	20,354
21-Jun-2019	The Vanguard Group, Inc.	SELL	2.72	Ordinary	(47,159)	(47,159)
21-Jun-2019	The Vanguard Group, Inc.	SELL	2.72	Ordinary	(98,578)	(98,578)
12-Jul-2019	The Vanguard Group, Inc.	BUY	2.24	Ordinary	97,447	97,447
17-Jul-2019	The Vanguard Group, Inc.	BUY	2.62	Ordinary	23,391	23,391
18-Jul-2019	The Vanguard Group, Inc.	SELL	2.63	Ordinary	(13,290)	(13,290)
18-Jul-2019	The Vanguard Group, Inc.	SELL	2.63	Ordinary	(4,430)	(4,430)
18-Jul-2019	The Vanguard Group, Inc.	SELL	2.63	Ordinary	(19,935)	(19,935)
19-Jul-2019	The Vanguard Group, Inc.	SELL	2.60	Ordinary	(26,580)	(26,580)
19-Jul-2019	The Vanguard Group, Inc.	SELL	2.61	Ordinary	(47,090)	(47,090)
22-Jul-2019	The Vanguard Group, Inc.	SELL	2.61	Ordinary	(8,860)	(8,860)
22-Jul-2019	The Vanguard Group, Inc.	SELL	2.61	Ordinary	(13,290)	(13,290)

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
25-Jul-2019	The Vanguard Group, Inc.	SELL	2.63	Ordinary	(11,075)	(11,075)
29-Jul-2019	The Vanguard Group, Inc.	SELL	2.61	Ordinary	(4,430)	(4,430)
5-Aug-2019	The Vanguard Group, Inc.	SELL	2.65	Ordinary	(6,645)	(6,645)
16-Aug-2019	The Vanguard Group, Inc.	BUY	2.65	Ordinary	49,034	49,034
20-Aug-2019	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(12,485)	(12,485)
29-Aug-2019	The Vanguard Group, Inc.	BUY	2.29	Ordinary	150,244	150,244
29-Aug-2019	The Vanguard Group, Inc.	BUY	2.29	Ordinary	165,572	165,572
29-Aug-2019	The Vanguard Group, Inc.	BUY	2.28	Ordinary	31,906	31,906
5-Sep-2019	The Vanguard Group, Inc.	BUY	2.91	Ordinary	20,448	20,448
5-Sep-2019	The Vanguard Group, Inc.	BUY	2.91	Ordinary	25,560	25,560
29-Aug-2017	Vanguard Investments Australia Ltd.	Buy	2.14	Ordinary	18,841	18,841
30-Aug-2017	Vanguard Investments Australia Ltd.	Buy	2.14	Ordinary	84,674	84,674
31-Aug-2017	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	4,726	4,726
31-Aug-2017	Vanguard investments Australia Ltd.	Buy	2.17	Ordinary	10,728	10,728
1-Sep-2017	Vanguard Investments Australia Ltd.	Buy	2.16	Ordinary	17,352	17,352
5-Sep-2017	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	57,949	57,949
8-Sep-2017	Vanguard Investments Australia Ltd.	Buy	2.16	Ordinary	14,751	14,751
11-Sep-2017	Vanguard Investments Australia Ltd.	Sell	2.16	Ordinary	(4,765)	(4,765)
14-Sep-2017	Vanguard Investments Australia Ltd.	Buy	2.14	Ordinary	5,784	5,784
15-Sep-2017	Vanguard Investments Australia Ltd.	Buy	2.15	Ordinary	17,352	17,352
15-Sep-2017	Vanguard Investments Australia Ltd.	Buy	2.15	Ordinary	56,591	56,591
15-Sep-2017	Vanguard Investments Australia Ltd.	Sell	2.15	Ordinary	(49,624)	(49,624)
21-Sep-2017	Vanguard Investments Australia Ltd.	Buy	2.12	Ordinary	29,015	29,015
21-Sep-2017	Vanguard Investments Australia Ltd.	Buy	2.12	Ordinary	18,368	18,368
26-Sep-2017	Vanguard Investments Australia Ltd.	Buy	2.10	Ordinary	44,608	44,608
27-Sep-2017	Vanguard Investments Australia Ltd.	Sell	2.10	Ordinary	(7,145)	(7,145)
28-Sep-2017	Vanguard Investments Australia Ltd.	Buy	2.10	Ordinary	199,424	199,424
29-Sep-2017	Vanguard Investments Australia Ltd.	Sell	2.11	Ordinary	(43,681)	(43,681)
29-Sep-2017	Vanguard Investments Australia Ltd.	Sell	2.11	Ordinary	(2,492)	(2,492)
3-Oct-2017	Vanguard Investments Australia Ltd.	Sell	2.11	Ordinary	(10,409)	(10,409)
3-Oct-2017	Vanguard Investments Australia Ltd.	Buy	2.11	Ordinary	17,334	17,334
4-Oct-2017	Vanguard Investments Australia Ltd.	Buy	2.09	Ordinary	14,360	14,360
6-Oct-2017	Vanguard Investments Australia Ltd.	Buy	2.10	Ordinary	54,526	54,526
10-Oct-2017	Vanguard Investments Australia Ltd.	Buy	2.12	Ordinary	9,872	9,872
12-Oct-2017	Vanguard Investments Australia Ltd.	Buy	2.14	Ordinary	11,556	11,556
27-Oct-2017	Vanguard Investments Australia Ltd.	Buy	2.14	Ordinary	17,334	17,334
27-Oct-2017	Vanguard Investments Australia Ltd.	Buy	2.14	Ordinary	8,616	8,616
6-Nov-2017	Vanguard Investments Australia Ltd.	Buy	2.14	Ordinary	17,334	17,334
7-Nov-2017	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	7,404	7,404
7-Nov-2017	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	12,924	12,924
8-Nov-2017	Vanguard Investments Australia Ltd.	Sell	2.16	Ordinary	(4,775)	(4,775)
15-Nov-2017	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	11,556	11,556
16-Nov-2017	Vanguard Investments Australia Ltd.	Sell	2.17	Ordinary	(4,796)	(4,796)
16-Nov-2017	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	12,924	12,924
20-Nov-2017	Vanguard Investments Australia Ltd.	Buy	2.16	Ordinary	9,872	9,872
22-Nov-2017	Vanguard Investments Australia Ltd.	Buy	2.18	Ordinary	23,112	23,112
22-Nov-2017	Vanguard Investments Australia Ltd.	Buy	2.18	Ordinary	14,360	14,360
24-Nov-2017	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	18,668	18,668
29-Nov-2017	Vanguard Investments Australia Ltd.	Sell	2.18	Ordinary	(23,112)	(23,112)
30-Nov-2017	Vanguard Investments Australia Ltd.	Sell	2.18	Ordinary	(11,398)	(11,398)
1-Dec-2017	Vanguard Investments Australia Ltd.	Buy	2.18	Ordinary	9,500	9,500
4-Dec-2017	Vanguard Investments Australia Ltd.	Sell	2.18	Ordinary	(6,754)	(6,754)
4-Dec-2017	Vanguard Investments Australia Ltd.	Buy	2.18	Ordinary	6,754	6,754
4-Dec-2017	Vanguard Investments Australia Ltd.	Sell	2.18	Ordinary	(90,641)	(90,641)
4-Dec-2017	Vanguard Investments Australia Ltd.	Sell	2.18	Ordinary	(150,338)	(150,338)
5-Dec-2017	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	17,334	17,334
5-Dec-2017	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	11,556	11,556
5-Dec-2017	Vanguard Investments Australia Ltd.	Sell	2.17	Ordinary	(41,764)	(41,764)
5-Dec-2017	Vanguard Investments Australia Ltd.	Sell	2.17	Ordinary	(24,156)	(24,156)
6-Dec-2017	Vanguard Investments Australia Ltd.	Buy	2.18	Ordinary	125,528	125,528
11-Dec-2017	Vanguard Investments Australia Ltd.	Sell	2.20	Ordinary	(7,263)	(7,263)
11-Dec-2017	Vanguard Investments Australia Ltd.	Sell	2.20	Ordinary	(45,633)	(45,633)
14-Dec-2017	Vanguard Investments Australia Ltd.	Buy	2.23	Ordinary	5,140	5,140
18-Dec-2017	Vanguard Investments Australia Ltd.	Sell	2.27	Ordinary	(7,133)	(7,133)
19-Dec-2017	Vanguard Investments Australia Ltd.	Buy	2.25	Ordinary	57,730	57,730
19-Dec-2017	Vanguard Investments Australia Ltd.	Buy	2.25	Ordinary	11,546	11,546
20-Dec-2017	Vanguard Investments Australia Ltd.	Buy	2.24	Ordinary	11,795	11,795
20-Dec-2017	Vanguard Investments Australia Ltd.	Buy	2.24	Ordinary	9,036	9,036
27-Dec-2017	Vanguard Investments Australia Ltd.	Buy	2.26	Ordinary	57,730	57,730
28-Dec-2017	Vanguard Investments Australia Ltd.	Buy	2.27	Ordinary	136,320	136,320
28-Dec-2017	Vanguard Investments Australia Ltd.	Sell	2.27	Ordinary	(117,180)	(117,180)
29-Dec-2017	Vanguard Investments Australia Ltd.	Sell	2.26	Ordinary	(5,541)	(5,541)
4-Jan-2018	Vanguard Investments Australia Ltd.	Buy	2.25	Ordinary	7,017	7,017
8-Jan-2018	Vanguard Investments Australia Ltd.	Buy	2.24	Ordinary	11,694	11,694

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
10-Jan-2018	Vanguard Investments Australia Ltd.	Sell	2.23	Ordinary	(13,052)	(13,052)
16-Jan-2018	Vanguard Investments Australia Ltd.	Buy	2.18	Ordinary	11,694	11,694
16-Jan-2018	Vanguard Investments Australia Ltd.	Sell	2.18	Ordinary	(189,859)	(189,859)
16-Jan-2018	Vanguard Investments Australia Ltd.	Buy	2.18	Ordinary	10,040	10,040
23-Jan-2018	Vanguard Investments Australia Ltd.	Buy	2.16	Ordinary	27,475	27,475
24-Jan-2018	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	14,034	14,034
24-Jan-2018	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	7,028	7,028
25-Jan-2018	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	59,388	59,388
25-Jan-2018	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	11,694	11,694
29-Jan-2018	Vanguard Investments Australia Ltd.	Buy	2.16	Ordinary	6,024	6,024
1-Feb-2018	Vanguard Investments Australia Ltd.	Sell	2.06	Ordinary	(76,304)	(76,304)
2-Feb-2018	Vanguard Investments Australia Ltd.	Buy	2.04	Ordinary	11,694	11,694
6-Feb-2018	Vanguard Investments Australia Ltd.	Buy	2.01	Ordinary	6,024	6,024
9-Feb-2018	Vanguard Investments Australia Ltd.	Buy	1.97	Ordinary	12,048	12,048
12-Feb-2018	Vanguard Investments Australia Ltd.	Buy	1.96	Ordinary	57,182	57,182
13-Feb-2018	Vanguard Investments Australia Ltd.	Sell	1.95	Ordinary	(35,556)	(35,556)
15-Feb-2018	Vanguard Investments Australia Ltd.	Sell	1.95	Ordinary	(4,625)	(4,625)
20-Feb-2018	Vanguard Investments Australia Ltd.	Buy	1.97	Ordinary	12,048	12,048
26-Feb-2018	Vanguard Investments Australia Ltd.	Buy	2.04	Ordinary	12,669	12,669
26-Feb-2018	Vanguard Investments Australia Ltd.	Buy	2.04	Ordinary	11,852	11,852
26-Feb-2018	Vanguard Investments Australia Ltd.	Buy	2.04	Ordinary	123,443	123,443
27-Feb-2018	Vanguard Investments Australia Ltd.	Buy	2.05	Ordinary	54,660	54,660
1-Mar-2018	Vanguard Investments Australia Ltd.	Buy	2.01	Ordinary	9,036	9,036
8-Mar-2018	Vanguard Investments Australia Ltd.	Buy	2.00	Ordinary	7,232	7,232
13-Mar-2018	Vanguard Investments Australia Ltd.	Buy	2.05	Ordinary	5,020	5,020
15-Mar-2018	Vanguard Investments Australia Ltd.	Buy	2.03	Ordinary	7,068	7,068
21-Mar-2018	Vanguard Investments Australia Ltd.	Sell	2.00	Ordinary	(82,866)	(82,866)
21-Mar-2018	Vanguard Investments Australia Ltd.	Buy	2.00	Ordinary	6,264	6,264
22-Mar-2018	Vanguard Investments Australia Ltd.	Sell	2.04	Ordinary	(46,910)	(46,910)
22-Mar-2018	Vanguard Investments Australia Ltd.	Sell	2.04	Ordinary	(9,734)	(9,734)
26-Mar-2018	Vanguard Investments Australia Ltd.	Sell	2.00	Ordinary	(45,732)	(45,732)
26-Mar-2018	Vanguard Investments Australia Ltd.	Buy	2.00	Ordinary	9,432	9,432
27-Mar-2018	Vanguard Investments Australia Ltd.	Buy	2.00	Ordinary	11,484	11,484
29-Mar-2018	Vanguard Investments Australia Ltd.	Sell	2.00	Ordinary	(126,184)	(126,184)
5-Apr-2018	Vanguard Investments Australia Ltd.	Buy	2.02	Ordinary	12,360	12,360
19-Apr-2018	Vanguard Investments Australia Ltd.	Buy	1.98	Ordinary	12,360	12,360
20-Apr-2018	Vanguard Investments Australia Ltd.	Buy	1.97	Ordinary	7,074	7,074
24-Apr-2018	Vanguard Investments Australia Ltd.	Buy	1.99	Ordinary	4,716	4,716
2-May-2018	Vanguard Investments Australia Ltd.	Buy	2.06	Ordinary	11,790	11,790
4-May-2018	Vanguard Investments Australia Ltd.	Buy	2.04	Ordinary	6,180	6,180
8-May-2018	Vanguard Investments Australia Ltd.	Buy	2.04	Ordinary	32,468	32,468
11-May-2018	Vanguard Investments Australia Ltd.	Buy	2.02	Ordinary	148,863	148,863
11-May-2018	Vanguard Investments Australia Ltd.	Sell	2.02	Ordinary	(148,863)	(148,863)
17-May-2018	Vanguard Investments Australia Ltd.	Buy	2.00	Ordinary	7,074	7,074
18-May-2018	Vanguard Investments Australia Ltd.	Buy	2.01	Ordinary	5,110	5,110
21-May-2018	Vanguard Investments Australia Ltd.	Sell	2.01	Ordinary	(127,005)	(127,005)
22-May-2018	Vanguard Investments Australia Ltd.	Sell	2.01	Ordinary	(9,758)	(9,758)
22-May-2018	Vanguard Investments Australia Ltd.	Buy	2.01	Ordinary	5,831	5,831
22-May-2018	Vanguard Investments Australia Ltd.	Buy	2.01	Ordinary	5,840	5,840
29-May-2018	Vanguard Investments Australia Ltd.	Buy	2.05	Ordinary	5,831	5,831
31-May-2018	Vanguard Investments Australia Ltd.	Sell	2.05	Ordinary	(16,976)	(16,976)
31-May-2018	Vanguard Investments Australia Ltd.	Buy	2.05	Ordinary	5,110	5,110
4-Jun-2018	Vanguard Investments Australia Ltd.	Sell	2.05	Ordinary	(34,158)	(34,158)
4-Jun-2018	Vanguard Investments Australia Ltd.	Buy	2.05	Ordinary	37,554	37,554
4-Jun-2018	Vanguard Investments Australia Ltd.	Buy	2.05	Ordinary	335,996	335,996
4-Jun-2018	Vanguard Investments Australia Ltd.	Buy	2.05	Ordinary	11,320	11,320
6-Jun-2018	Vanguard Investments Australia Ltd.	Buy	2.07	Ordinary	23,324	23,324
8-Jun-2018	Vanguard Investments Australia Ltd.	Buy	2.06	Ordinary	5,110	5,110
14-Jun-2018	Vanguard Investments Australia Ltd.	Buy	2.11	Ordinary	4,690	4,690
15-Jun-2018	Vanguard Investments Australia Ltd.	Sell	2.12	Ordinary	(86,913)	(86,913)
25-Jun-2018	Vanguard Investments Australia Ltd.	Buy	2.22	Ordinary	9,056	9,056
28-Jun-2018	Vanguard Investments Australia Ltd.	Buy	2.23	Ordinary	190,414	190,414
29-Jun-2018	Vanguard Investments Australia Ltd.	Buy	2.25	Ordinary	11,866	11,866
29-Jun-2018	Vanguard Investments Australia Ltd.	Sell	2.25	Ordinary	(54,409)	(54,409)
5-Jul-2018	Vanguard Investments Australia Ltd.	Buy	2.21	Ordinary	5,933	5,933
6-Jul-2018	Vanguard Investments Australia Ltd.	Buy	2.21	Ordinary	11,866	11,866
6-Jul-2018	Vanguard Investments Australia Ltd.	Buy	2.21	Ordinary	5,769	5,769
9-Jul-2018	Vanguard Investments Australia Ltd.	Buy	2.22	Ordinary	6,732	6,732
16-Jul-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	11,720	11,720
16-Jul-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	3,846	3,846
16-Jul-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	47,340	47,340
18-Jul-2018	Vanguard Investments Australia Ltd.	Buy	2.21	Ordinary	11,720	11,720
20-Jul-2018	Vanguard Investments Australia Ltd.	Sell	2.20	Ordinary	(13,760)	(13,760)
20-Jul-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	8,041	8,041

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-Jul-2018	Vanguard Investments Australia Ltd.	Buy	2.19	Ordinary	6,732	6,732
26-Jul-2018	Vanguard Investments Australia Ltd.	Buy	2.14	Ordinary	11,720	11,720
2-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	8,976	8,976
2-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	6,579	6,579
3-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	23,736	23,736
3-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	57,461	57,461
9-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	11,720	11,720
13-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.13	Ordinary	2,700	2,700
13-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.13	Ordinary	32,887	32,887
13-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.13	Ordinary	13,095	13,095
13-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.13	Ordinary	8,976	8,976
14-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.14	Ordinary	141,135	141,135
15-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.13	Ordinary	11,870	11,870
15-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.13	Ordinary	4,386	4,386
20-Aug-2018	Vanguard Investments Australia Ltd.	Sell	2.16	Ordinary	(9,475)	(9,475)
21-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.15	Ordinary	8,060	8,060
23-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.12	Ordinary	11,870	11,870
23-Aug-2018	Vanguard Investments Australia Ltd.	Sell	2.12	Ordinary	(7,119)	(7,119)
29-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.18	Ordinary	11,541	11,541
30-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.19	Ordinary	6,735	6,735
31-Aug-2018	Vanguard Investments Australia Ltd.	Buy	2.16	Ordinary	6,735	6,735
4-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.19	Ordinary	11,870	11,870
4-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.19	Ordinary	8,866	8,866
10-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.21	Ordinary	11,880	11,880
10-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.21	Ordinary	23,760	23,760
10-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.21	Ordinary	7,330	7,330
13-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.23	Ordinary	9,470	9,470
17-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.23	Ordinary	8,063	8,063
18-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.26	Ordinary	6,906	6,906
19-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.22	Ordinary	11,878	11,878
21-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	23,852	23,852
21-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	60,777	60,777
26-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	11,896	11,896
26-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	4,536	4,536
27-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.21	Ordinary	11,593	11,593
27-Sep-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	58,212	58,212
28-Sep-2018	Vanguard Investments Australia Ltd.	Sell	2.20	Ordinary	(58,196)	(58,196)
28-Sep-2018	Vanguard Investments Australia Ltd.	Sell	2.20	Ordinary	(6,750)	(6,750)
1-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	6,858	6,858
3-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.22	Ordinary	23,716	23,716
4-Oct-2018	Vanguard Investments Australia Ltd.	Sell	2.20	Ordinary	(6,247)	(6,247)
4-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	11,858	11,858
4-Oct-2018	Vanguard Investments Australia Ltd.	Sell	2.20	Ordinary	(132,177)	(132,177)
8-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	6,750	6,750
8-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	6,858	6,858
11-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.14	Ordinary	8,304	8,304
15-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.13	Ordinary	17,787	17,787
17-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.16	Ordinary	10,625	10,625
17-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.16	Ordinary	93,940	93,940
23-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.15	Ordinary	6,750	6,750
24-Oct-2018	Vanguard Investments Australia Ltd.	Sell	2.13	Ordinary	(8,996)	(8,996)
24-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.13	Ordinary	8,712	8,712
25-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.15	Ordinary	11,712	11,712
25-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.15	Ordinary	4,500	4,500
25-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.15	Ordinary	9,198	9,198
31-Oct-2018	Vanguard Investments Australia Ltd.	Sell	2.18	Ordinary	(29,280)	(29,280)
31-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.18	Ordinary	12,432	12,432
31-Oct-2018	Vanguard Investments Australia Ltd.	Buy	2.18	Ordinary	2,331	2,331
1-Nov-2018	Vanguard Investments Australia Ltd.	Buy	2.16	Ordinary	1,554	1,554
2-Nov-2018	Vanguard Investments Australia Ltd.	Buy	2.13	Ordinary	11,712	11,712
2-Nov-2018	Vanguard Investments Australia Ltd.	Buy	2.13	Ordinary	17,568	17,568
2-Nov-2018	Vanguard Investments Australia Ltd.	Buy	2.13	Ordinary	10,101	10,101
9-Nov-2018	Vanguard Investments Australia Ltd.	Buy	2.22	Ordinary	11,796	11,796
12-Nov-2018	Vanguard Investments Australia Ltd.	Buy	2.22	Ordinary	10,114	10,114
13-Nov-2018	Vanguard Investments Australia Ltd.	Buy	2.20	Ordinary	6,762	6,762
14-Nov-2018	Vanguard Investments Australia Ltd.	Sell	2.18	Ordinary	(54,702)	(54,702)
19-Nov-2018	Vanguard Investments Australia Ltd.	Buy	2.16	Ordinary	72,063	72,063
22-Nov-2018	Vanguard Investments Australia Ltd.	Buy	2.15	Ordinary	11,578	11,578
26-Nov-2018	Vanguard Investments Australia Ltd.	Sell	2.15	Ordinary	(13,377)	(13,377)
27-Nov-2018	Vanguard Investments Australia Ltd.	Buy	2.15	Ordinary	6,786	6,786
29-Nov-2018	Vanguard Investments Australia Ltd.	Sell	2.15	Ordinary	(56,328)	(56,328)
29-Nov-2018	Vanguard Investments Australia Ltd.	Buy	2.15	Ordinary	8,162	8,162
30-Nov-2018	Vanguard Investments Australia Ltd.	Buy	2.07	Ordinary	11,756	11,756
30-Nov-2018	Vanguard Investments Australia Ltd.	Sell	2.07	Ordinary	(19,407)	(19,407)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
3-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.11	Ordinary	9,646	9,646
6-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	17,951	17,951
6-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	12,018	12,018
6-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.17	Ordinary	14,664	14,664
11-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.24	Ordinary	13,660	13,660
11-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.24	Ordinary	8,196	8,196
12-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.24	Ordinary	304,648	304,648
14-Dec-2018	Vanguard Investments Australia Ltd.	Sell	2.21	Ordinary	(4,098)	(4,098)
18-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.19	Ordinary	18,036	18,036
20-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.27	Ordinary	12,024	12,024
20-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.27	Ordinary	117,290	117,290
21-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.28	Ordinary	17,259	17,259
21-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.28	Ordinary	147,042	147,042
21-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.29	Ordinary	335,046	335,046
21-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.28	Ordinary	55,954	55,954
27-Dec-2018	Vanguard Investments Australia Ltd.	Buy	2.31	Ordinary	4,098	4,098
31-Dec-2018	Vanguard Investments Australia Ltd.	Sell	2.26	Ordinary	(62,945)	(62,945)
31-Dec-2018	Vanguard Investments Australia Ltd.	Sell	2.26	Ordinary	(13,007)	(13,007)
4-Jan-2019	Vanguard Investments Australia Ltd.	Sell	2.29	Ordinary	(14,231)	(14,231)
8-Jan-2019	Vanguard Investments Australia Ltd.	Buy	2.28	Ordinary	6,650	6,650
9-Jan-2019	Vanguard Investments Australia Ltd.	Buy	2.26	Ordinary	12,350	12,350
11-Jan-2019	Vanguard Investments Australia Ltd.	Buy	2.26	Ordinary	8,244	8,244
14-Jan-2019	Vanguard Investments Australia Ltd.	Buy	2.27	Ordinary	6,636	6,636
22-Jan-2019	Vanguard Investments Australia Ltd.	Buy	2.23	Ordinary	18,522	18,522
23-Jan-2019	Vanguard Investments Australia Ltd.	Buy	2.23	Ordinary	6,174	6,174
29-Jan-2019	Vanguard Investments Australia Ltd.	Sell	2.27	Ordinary	(63,458)	(63,458)
30-Jan-2019	Vanguard Investments Australia Ltd.	Buy	2.26	Ordinary	3,200	3,200
4-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.26	Ordinary	72,946	72,946
4-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.26	Ordinary	12,348	12,348
5-Feb-2019	Vanguard Investments Australia Ltd.	Sell	2.26	Ordinary	(51,450)	(51,450)
7-Feb-2019	Vanguard Investments Australia Ltd.	Sell	2.34	Ordinary	(14,880)	(14,880)
7-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.34	Ordinary	8,848	8,848
12-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.38	Ordinary	4,434	4,434
14-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.39	Ordinary	18,519	18,519
19-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.40	Ordinary	8,250	8,250
25-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.42	Ordinary	9,963	9,963
26-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.44	Ordinary	6,243	6,243
26-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.44	Ordinary	6,651	6,651
26-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.44	Ordinary	7,500	7,500
27-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.32	Ordinary	10,675	10,675
27-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.32	Ordinary	8,844	8,844
27-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.32	Ordinary	18,679	18,679
27-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.32	Ordinary	109,242	109,242
27-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.39	Ordinary	8,250	8,250
27-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.32	Ordinary	43,234	43,234
27-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.32	Ordinary	44,261	44,261
27-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.32	Ordinary	96,698	96,698
27-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.39	Ordinary	60,151	60,151
27-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.32	Ordinary	1,101,877	1,101,877
27-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.32	Ordinary	215,724	215,724
28-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.41	Ordinary	3,862	3,862
28-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.42	Ordinary	18,729	18,729
28-Feb-2019	Vanguard Investments Australia Ltd.	Buy	2.41	Ordinary	28,150	28,150
1-Mar-2019	Vanguard Investments Australia Ltd.	Buy	2.42	Ordinary	51,547	51,547
5-Mar-2019	Vanguard Investments Australia Ltd.	Buy	2.46	Ordinary	48,000	48,000
6-Mar-2019	Vanguard Investments Australia Ltd.	Buy	2.42	Ordinary	12,032	12,032
15-Mar-2019	Vanguard Investments Australia Ltd.	Buy	2.49	Ordinary	6,564	6,564
15-Mar-2019	Vanguard Investments Australia Ltd.	Buy	2.49	Ordinary	161,912	161,912
19-Mar-2019	Vanguard Investments Australia Ltd.	Buy	2.47	Ordinary	19,815	19,815
29-Mar-2019	Vanguard Investments Australia Ltd.	Sell	2.54	Ordinary	(166,182)	(166,182)
1-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.54	Ordinary	14,432	14,432
1-Apr-2019	Vanguard Investments Australia Ltd.	Sell	2.54	Ordinary	(52,865)	(52,865)
1-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.54	Ordinary	55,702	55,702
2-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.53	Ordinary	6,160	6,160
4-Apr-2019	Vanguard Investments Australia Ltd.	Sell	2.48	Ordinary	(12,062)	(12,062)
4-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.48	Ordinary	6,577	6,577
5-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.45	Ordinary	19,731	19,731
8-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.47	Ordinary	6,577	6,577
8-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.47	Ordinary	7,040	7,040
9-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.45	Ordinary	88,804	88,804
10-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.45	Ordinary	6,570	6,570
15-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.49	Ordinary	13,138	13,138
16-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.53	Ordinary	41,546	41,546
29-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.45	Ordinary	13,136	13,136

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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-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.45	Ordinary	19,704	19,704
30-Apr-2019	Vanguard Investments Australia Ltd.	Buy	2.46	Ordinary	10,800	10,800
2-May-2019	Vanguard Investments Australia Ltd.	Sell	2.43	Ordinary	(49,724)	(49,724)
3-May-2019	Vanguard Investments Australia Ltd.	Sell	2.41	Ordinary	(10,170)	(10,170)
3-May-2019	Vanguard Investments Australia Ltd.	Sell	2.42	Ordinary	(59,128)	(59,128)
3-May-2019	Vanguard Investments Australia Ltd.	Sell	2.42	Ordinary	(101,594)	(101,594)
6-May-2019	Vanguard Investments Australia Ltd.	Buy	2.41	Ordinary	72,044	72,044
7-May-2019	Vanguard Investments Australia Ltd.	Sell	2.41	Ordinary	(64,273)	(64,273)
9-May-2019	Vanguard Investments Australia Ltd.	Buy	2.44	Ordinary	19,704	19,704
10-May-2019	Vanguard Investments Australia Ltd.	Buy	2.47	Ordinary	78,228	78,228
10-May-2019	Vanguard Investments Australia Ltd.	Buy	2.47	Ordinary	8,100	8,100
14-May-2019	Vanguard Investments Australia Ltd.	Buy	2.49	Ordinary	13,038	13,038
16-May-2019	Vanguard Investments Australia Ltd.	Buy	2.51	Ordinary	58,077	58,077
17-May-2019	Vanguard Investments Australia Ltd.	Buy	2.56	Ordinary	8,350	8,350
21-May-2019	Vanguard Investments Australia Ltd.	Buy	2.57	Ordinary	8,350	8,350
22-May-2019	Vanguard Investments Australia Ltd.	Buy	2.58	Ordinary	47,753	47,753
22-May-2019	Vanguard Investments Australia Ltd.	Buy	2.60	Ordinary	26,076	26,076
24-May-2019	Vanguard Investments Australia Ltd.	Buy	2.63	Ordinary	13,034	13,034
28-May-2019	Vanguard Investments Australia Ltd.	Buy	2.62	Ordinary	6,990	6,990
29-May-2019	Vanguard Investments Australia Ltd.	Buy	2.60	Ordinary	19,542	19,542
29-May-2019	Vanguard Investments Australia Ltd.	Buy	2.60	Ordinary	4,546	4,546
30-May-2019	Vanguard Investments Australia Ltd.	Sell	2.58	Ordinary	(11,805)	(11,805)
30-May-2019	Vanguard Investments Australia Ltd.	Buy	2.58	Ordinary	53,586	53,586
30-May-2019	Vanguard Investments Australia Ltd.	Buy	2.58	Ordinary	12,950	12,950
30-May-2019	Vanguard Investments Australia Ltd.	Sell	2.58	Ordinary	(93,237)	(93,237)
4-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.64	Ordinary	6,990	6,990
6-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.59	Ordinary	12,950	12,950
6-Jun-2019	Vanguard Investments Australia Ltd.	Sell	2.59	Ordinary	(41,019)	(41,019)
6-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.59	Ordinary	8,388	8,388
11-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.69	Ordinary	25,900	25,900
14-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.71	Ordinary	19,425	19,425
17-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.68	Ordinary	4,544	4,544
17-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.68	Ordinary	5,592	5,592
19-Jun-2019	Vanguard Investments Australia Ltd.	Sell	2.74	Ordinary	(15,466)	(15,466)
20-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.72	Ordinary	19,425	19,425
21-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.72	Ordinary	25,900	25,900
21-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.72	Ordinary	4,194	4,194
25-Jun-2019	Vanguard Investments Australia Ltd.	Sell	2.76	Ordinary	(61,382)	(61,382)
25-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.76	Ordinary	4,566	4,566
27-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.63	Ordinary	26,276	26,276
27-Jun-2019	Vanguard Investments Australia Ltd.	Buy	2.63	Ordinary	4,284	4,284
28-Jun-2019	Vanguard Investments Australia Ltd.	Sell	2.60	Ordinary	(219,727)	(219,727)
1-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.62	Ordinary	12,784	12,784
2-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.58	Ordinary	7,188	7,188
3-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.63	Ordinary	25,552	25,552
8-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.64	Ordinary	3,594	3,594
9-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.62	Ordinary	3,594	3,594
11-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.66	Ordinary	25,464	25,464
11-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.66	Ordinary	3,546	3,546
15-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.61	Ordinary	19,098	19,098
16-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.62	Ordinary	7,116	7,116
17-Jul-2019	Vanguard Investments Australia Ltd.	Sell	2.62	Ordinary	(15,384)	(15,384)
17-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.62	Ordinary	12,732	12,732
18-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.63	Ordinary	6,738	6,738
22-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.61	Ordinary	19,098	19,098
22-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.61	Ordinary	12,732	12,732
25-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.63	Ordinary	19,098	19,098
25-Jul-2019	Vanguard Investments Australia Ltd.	Sell	2.64	Ordinary	(27,290)	(27,290)
25-Jul-2019	Vanguard Investments Australia Ltd.	Sell	2.63	Ordinary	(80,221)	(80,221)
29-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.61	Ordinary	12,732	12,732
29-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.61	Ordinary	50,324	50,324
30-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.64	Ordinary	6,589	6,589
31-Jul-2019	Vanguard Investments Australia Ltd.	Buy	2.66	Ordinary	12,732	12,732
1-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.65	Ordinary	66,500	66,500
2-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.67	Ordinary	12,718	12,718
5-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.66	Ordinary	4,486	4,486
6-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.60	Ordinary	12,718	12,718
6-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.60	Ordinary	12,968	12,968
6-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.60	Ordinary	5,382	5,382
6-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.60	Ordinary	5,382	5,382
7-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.62	Ordinary	54,091	54,091
8-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.62	Ordinary	19,077	19,077
8-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.62	Ordinary	6,721	6,721
9-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.63	Ordinary	19,077	19,077

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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-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.63	Ordinary	11,380	11,380
12-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.64	Ordinary	6,545	6,545
14-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.64	Ordinary	12,774	12,774
19-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.65	Ordinary	12,764	12,764
21-Aug-2019	Vanguard Investments Australia Ltd.	Sell	2.71	Ordinary	(15,047)	(15,047)
21-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.71	Ordinary	19,146	19,146
27-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.92	Ordinary	182,266	182,266
27-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.92	Ordinary	9,193	9,193
28-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.93	Ordinary	12,638	12,638
28-Aug-2019	Vanguard Investments Australia Ltd.	Buy	2.93	Ordinary	289,104	289,104
29-Aug-2019	Vanguard Investments Australia Ltd.	Sell	2.93	Ordinary	(9,316)	(9,316)
2-Sep-2019	Vanguard Investments Australia Ltd.	Buy	2.97	Ordinary	19,149	19,149
2-Sep-2019	Vanguard Investments Australia Ltd.	Buy	2.97	Ordinary	4,660	4,660
2-Sep-2019	Vanguard Investments Australia Ltd.	Buy	2.97	Ordinary	10,956	10,956
3-Sep-2019	Vanguard Investments Australia Ltd.	Buy	2.93	Ordinary	65,857	65,857
4-Sep-2019	Vanguard Investments Australia Ltd.	Buy	2.90	Ordinary	34,933	34,933
5-Sep-2019	Vanguard Investments Australia Ltd.	Buy	2.91	Ordinary	19,128	19,128

This is Annexure A of 9 pages referred to in Form 604, Notice of initial substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 9 September 2019