

**Form 603**Corporations Act 2001  
Section 671B**Notice of initial substantial holder**

To Company Name/Scheme BHP Group Limited

ACN/ARSN 004 028 077

**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

The holder became a substantial holder on 08 August 2018\*

\*Replaces the form 603 lodged 19 May 2020 and represents the date Vanguard became a substantial holder when calculating the position based on only issued capital for BHP Ltd. Until recently, Vanguard calculations had used the combined BHP Ltd and BHP Group Plc issued capital.

**2. Details of 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 on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
<b>Ordinary</b>	<b>160,621,867</b>	<b>160,621,867</b>	<b>5.001%</b>

**3. Details of relevant interests**

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
<b>Vanguard Group</b>	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.	<b>Ordinary – 160,621,867</b>

**4. Details of present registered holders**

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
<b>Vanguard Group</b>	<b>Brown Brothers Harriman</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 7,922,246</b>
<b>Vanguard Group</b>	<b>BNY Mellon</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 9,237,201</b>
<b>Vanguard Group</b>	<b>JP Morgan Chase Bank, N.A.</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 69,844,508</b>
<b>Vanguard Group</b>	<b>State Street Bank and Trust Company</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 27,007,118</b>
<b>Vanguard Group</b>	<b>Citibank</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 30,604</b>
<b>Vanguard Group</b>	<b>Various others</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 46,580,190</b>

**5. Consideration**

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)	Class and number of securities
<b>See Annexure A</b>			

**6. Associates**

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

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

**7. 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

print name Shawn Acker capacity Compliance Manager

sign here  date 17 June 2020

## DIRECTIONS

- (1) If there are a number of substantial holders with similar or related 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 7 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 total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an Associate has a relevant interest in.
  - (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
  - (7) Include details of:
    - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. 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.
- (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) Details of the consideration must include any and all benefits, moneys and other, that any person from whom a relevant interest has 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 of its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

To Company  
ACN/ARSN

BHP Group Limited  
004 028 077

Substantial Holder Name  
ACN/ARSN

Vanguard Group  
N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
9-Apr-2018	The Vanguard Group, Inc.	BUY	28.38	Ordinary	8,952	8,952
9-Apr-2018	The Vanguard Group, Inc.	BUY	28.66	Ordinary	417	417
9-Apr-2018	The Vanguard Group, Inc.	BUY	28.66	Ordinary	30,303	30,303
10-Apr-2018	The Vanguard Group, Inc.	BUY	29.42	Ordinary	5,166	5,166
10-Apr-2018	The Vanguard Group, Inc.	BUY	28.88	Ordinary	3,108	3,108
11-Apr-2018	The Vanguard Group, Inc.	BUY	29.51	Ordinary	32,873	32,873
11-Apr-2018	The Vanguard Group, Inc.	BUY	29.70	Ordinary	6,888	6,888
11-Apr-2018	The Vanguard Group, Inc.	BUY	29.51	Ordinary	10,311	10,311
11-Apr-2018	The Vanguard Group, Inc.	BUY	29.44	Ordinary	1,433	1,433
11-Apr-2018	The Vanguard Group, Inc.	BUY	29.51	Ordinary	174	174
11-Apr-2018	The Vanguard Group, Inc.	BUY	29.44	Ordinary	1,094	1,094
13-Apr-2018	The Vanguard Group, Inc.	BUY	29.83	Ordinary	20,012	20,012
13-Apr-2018	The Vanguard Group, Inc.	BUY	30.08	Ordinary	4,040	4,040
16-Apr-2018	The Vanguard Group, Inc.	BUY	29.98	Ordinary	216	216
17-Apr-2018	The Vanguard Group, Inc.	BUY	29.90	Ordinary	19,511	19,511
17-Apr-2018	The Vanguard Group, Inc.	BUY	29.93	Ordinary	2,179	2,179
18-Apr-2018	The Vanguard Group, Inc.	BUY	30.77	Ordinary	5,740	5,740
18-Apr-2018	The Vanguard Group, Inc.	BUY	30.09	Ordinary	42,567	42,567
18-Apr-2018	The Vanguard Group, Inc.	BUY	30.09	Ordinary	20,154	20,154
18-Apr-2018	The Vanguard Group, Inc.	BUY	30.09	Ordinary	9,015	9,015
18-Apr-2018	The Vanguard Group, Inc.	BUY	30.09	Ordinary	109	109
18-Apr-2018	The Vanguard Group, Inc.	BUY	30.07	Ordinary	3,575	3,575
18-Apr-2018	The Vanguard Group, Inc.	BUY	30.07	Ordinary	491	491
19-Apr-2018	The Vanguard Group, Inc.	BUY	30.90	Ordinary	7,304	7,304
19-Apr-2018	The Vanguard Group, Inc.	BUY	30.92	Ordinary	42,877	42,877
20-Apr-2018	The Vanguard Group, Inc.	BUY	30.80	Ordinary	258	258
23-Apr-2018	The Vanguard Group, Inc.	BUY	31.03	Ordinary	20,830	20,830
23-Apr-2018	The Vanguard Group, Inc.	BUY	31.23	Ordinary	795	795
24-Apr-2018	The Vanguard Group, Inc.	BUY	30.99	Ordinary	49,236	49,236
24-Apr-2018	The Vanguard Group, Inc.	BUY	31.25	Ordinary	4,040	4,040
24-Apr-2018	The Vanguard Group, Inc.	BUY	31.27	Ordinary	2,202	2,202
26-Apr-2018	The Vanguard Group, Inc.	BUY	31.35	Ordinary	5,740	5,740
26-Apr-2018	The Vanguard Group, Inc.	BUY	31.30	Ordinary	16,992	16,992
26-Apr-2018	The Vanguard Group, Inc.	BUY	31.35	Ordinary	55,808	55,808
26-Apr-2018	The Vanguard Group, Inc.	BUY	31.30	Ordinary	41,063	41,063
27-Apr-2018	The Vanguard Group, Inc.	BUY	30.74	Ordinary	6,314	6,314
27-Apr-2018	The Vanguard Group, Inc.	BUY	31.24	Ordinary	33,601	33,601
27-Apr-2018	The Vanguard Group, Inc.	SELL	31.25	Ordinary	(1,357)	(1,357)
27-Apr-2018	The Vanguard Group, Inc.	BUY	31.11	Ordinary	2,868	2,868
1-May-2018	The Vanguard Group, Inc.	SELL	30.86	Ordinary	(9,237)	(9,237)
1-May-2018	The Vanguard Group, Inc.	BUY	31.15	Ordinary	95,645	95,645
1-May-2018	The Vanguard Group, Inc.	SELL	31.10	Ordinary	(568)	(568)
2-May-2018	The Vanguard Group, Inc.	BUY	31.20	Ordinary	89,135	89,135
2-May-2018	The Vanguard Group, Inc.	BUY	31.10	Ordinary	21,496	21,496
2-May-2018	The Vanguard Group, Inc.	BUY	31.10	Ordinary	11,552	11,552
3-May-2018	The Vanguard Group, Inc.	BUY	31.63	Ordinary	4,124	4,124
3-May-2018	The Vanguard Group, Inc.	BUY	31.63	Ordinary	4,124	4,124
3-May-2018	The Vanguard Group, Inc.	BUY	31.49	Ordinary	2,226	2,226
7-May-2018	The Vanguard Group, Inc.	BUY	31.83	Ordinary	20,928	20,928
7-May-2018	The Vanguard Group, Inc.	BUY	31.83	Ordinary	4,124	4,124
7-May-2018	The Vanguard Group, Inc.	BUY	31.95	Ordinary	1,112	1,112
8-May-2018	The Vanguard Group, Inc.	BUY	31.95	Ordinary	53,486	53,486
8-May-2018	The Vanguard Group, Inc.	BUY	31.81	Ordinary	439	439
8-May-2018	The Vanguard Group, Inc.	BUY	31.81	Ordinary	2,826	2,826
9-May-2018	The Vanguard Group, Inc.	BUY	32.19	Ordinary	28,678	28,678
9-May-2018	The Vanguard Group, Inc.	BUY	32.19	Ordinary	10,613	10,613
9-May-2018	The Vanguard Group, Inc.	BUY	32.83	Ordinary	52,320	52,320
9-May-2018	The Vanguard Group, Inc.	BUY	31.90	Ordinary	14,394	14,394
9-May-2018	The Vanguard Group, Inc.	BUY	32.19	Ordinary	1,867	1,867
9-May-2018	The Vanguard Group, Inc.	BUY	32.19	Ordinary	1,263	1,263
10-May-2018	The Vanguard Group, Inc.	BUY	32.98	Ordinary	63,919	63,919

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-May-2018	The Vanguard Group, Inc.	BUY	32.98	Ordinary	17,333	17,333
10-May-2018	The Vanguard Group, Inc.	BUY	32.75	Ordinary	109	109
10-May-2018	The Vanguard Group, Inc.	BUY	32.98	Ordinary	6,270	6,270
11-May-2018	The Vanguard Group, Inc.	BUY	33.00	Ordinary	274	274
14-May-2018	The Vanguard Group, Inc.	BUY	33.94	Ordinary	4,112	4,112
14-May-2018	The Vanguard Group, Inc.	BUY	33.79	Ordinary	6,448	6,448
15-May-2018	The Vanguard Group, Inc.	BUY	33.99	Ordinary	15,621	15,621
15-May-2018	The Vanguard Group, Inc.	BUY	33.86	Ordinary	41,856	41,856
15-May-2018	The Vanguard Group, Inc.	BUY	33.55	Ordinary	2,224	2,224
16-May-2018	The Vanguard Group, Inc.	BUY	34.22	Ordinary	29,094	29,094
16-May-2018	The Vanguard Group, Inc.	BUY	33.85	Ordinary	220	220
17-May-2018	The Vanguard Group, Inc.	BUY	34.45	Ordinary	28,326	28,326
17-May-2018	The Vanguard Group, Inc.	BUY	34.45	Ordinary	21,526	21,526
17-May-2018	The Vanguard Group, Inc.	BUY	34.22	Ordinary	4,204	4,204
17-May-2018	The Vanguard Group, Inc.	BUY	34.44	Ordinary	227	227
18-May-2018	The Vanguard Group, Inc.	BUY	34.30	Ordinary	86,116	86,116
21-May-2018	The Vanguard Group, Inc.	BUY	33.93	Ordinary	22,886	22,886
21-May-2018	The Vanguard Group, Inc.	BUY	33.93	Ordinary	4,221	4,221
22-May-2018	The Vanguard Group, Inc.	BUY	33.71	Ordinary	10,906	10,906
22-May-2018	The Vanguard Group, Inc.	BUY	33.71	Ordinary	24,416	24,416
22-May-2018	The Vanguard Group, Inc.	BUY	33.87	Ordinary	19,974	19,974
23-May-2018	The Vanguard Group, Inc.	SELL	33.85	Ordinary	(373)	(373)
23-May-2018	The Vanguard Group, Inc.	BUY	33.88	Ordinary	1,750	1,750
23-May-2018	The Vanguard Group, Inc.	BUY	33.88	Ordinary	29,484	29,484
24-May-2018	The Vanguard Group, Inc.	SELL	33.62	Ordinary	(6,158)	(6,158)
24-May-2018	The Vanguard Group, Inc.	BUY	33.62	Ordinary	4,204	4,204
24-May-2018	The Vanguard Group, Inc.	BUY	33.91	Ordinary	2,234	2,234
25-May-2018	The Vanguard Group, Inc.	BUY	33.55	Ordinary	61,899	61,899
25-May-2018	The Vanguard Group, Inc.	BUY	32.53	Ordinary	10,464	10,464
25-May-2018	The Vanguard Group, Inc.	BUY	33.07	Ordinary	1,292	1,292
25-May-2018	The Vanguard Group, Inc.	BUY	33.07	Ordinary	188	188
29-May-2018	The Vanguard Group, Inc.	BUY	32.28	Ordinary	375	375
30-May-2018	The Vanguard Group, Inc.	BUY	32.01	Ordinary	95,738	95,738
30-May-2018	The Vanguard Group, Inc.	BUY	32.19	Ordinary	217,260	217,260
31-May-2018	The Vanguard Group, Inc.	BUY	32.63	Ordinary	56,652	56,652
31-May-2018	The Vanguard Group, Inc.	BUY	32.77	Ordinary	3,764	3,764
31-May-2018	The Vanguard Group, Inc.	BUY	32.77	Ordinary	8,186	8,186
31-May-2018	The Vanguard Group, Inc.	BUY	32.77	Ordinary	58,763	58,763
31-May-2018	The Vanguard Group, Inc.	SELL	32.77	Ordinary	(22,031)	(22,031)
1-Jun-2018	The Vanguard Group, Inc.	BUY	32.90	Ordinary	80,571	80,571
1-Jun-2018	The Vanguard Group, Inc.	BUY	33.18	Ordinary	17,440	17,440
1-Jun-2018	The Vanguard Group, Inc.	SELL	32.98	Ordinary	(4,221)	(4,221)
1-Jun-2018	The Vanguard Group, Inc.	BUY	32.90	Ordinary	408	408
1-Jun-2018	The Vanguard Group, Inc.	SELL	32.98	Ordinary	(1,002)	(1,002)
4-Jun-2018	The Vanguard Group, Inc.	BUY	33.20	Ordinary	8,313	8,313
4-Jun-2018	The Vanguard Group, Inc.	BUY	33.46	Ordinary	25,952	25,952
4-Jun-2018	The Vanguard Group, Inc.	BUY	33.46	Ordinary	1,479	1,479
5-Jun-2018	The Vanguard Group, Inc.	BUY	32.89	Ordinary	2,076	2,076
6-Jun-2018	The Vanguard Group, Inc.	BUY	33.20	Ordinary	30,640	30,640
6-Jun-2018	The Vanguard Group, Inc.	BUY	33.20	Ordinary	52,103	52,103
7-Jun-2018	The Vanguard Group, Inc.	BUY	33.98	Ordinary	21,597	21,597
7-Jun-2018	The Vanguard Group, Inc.	BUY	33.98	Ordinary	136,759	136,759
7-Jun-2018	The Vanguard Group, Inc.	SELL	34.08	Ordinary	(41,935)	(41,935)
8-Jun-2018	The Vanguard Group, Inc.	BUY	34.07	Ordinary	1,390	1,390
8-Jun-2018	The Vanguard Group, Inc.	BUY	34.14	Ordinary	3,462	3,462
12-Jun-2018	The Vanguard Group, Inc.	BUY	33.91	Ordinary	127,850	127,850
12-Jun-2018	The Vanguard Group, Inc.	BUY	33.69	Ordinary	1,330	1,330
13-Jun-2018	The Vanguard Group, Inc.	BUY	33.57	Ordinary	1,519	1,519
14-Jun-2018	The Vanguard Group, Inc.	BUY	33.57	Ordinary	4,204	4,204
15-Jun-2018	The Vanguard Group, Inc.	SELL	33.57	Ordinary	(6,251)	(6,251)
15-Jun-2018	The Vanguard Group, Inc.	SELL	33.57	Ordinary	(354,361)	(354,361)
15-Jun-2018	The Vanguard Group, Inc.	SELL	33.57	Ordinary	(57,059)	(57,059)
15-Jun-2018	The Vanguard Group, Inc.	SELL	33.57	Ordinary	(13,706)	(13,706)
15-Jun-2018	The Vanguard Group, Inc.	SELL	33.57	Ordinary	(44,070)	(44,070)
15-Jun-2018	The Vanguard Group, Inc.	SELL	33.57	Ordinary	(2,352)	(2,352)
15-Jun-2018	The Vanguard Group, Inc.	BUY	33.56	Ordinary	516	516
15-Jun-2018	The Vanguard Group, Inc.	BUY	33.56	Ordinary	632	632
19-Jun-2018	The Vanguard Group, Inc.	BUY	32.78	Ordinary	208,513	208,513

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-Jun-2018	The Vanguard Group, Inc.	BUY	32.32	Ordinary	110,047	110,047
20-Jun-2018	The Vanguard Group, Inc.	BUY	32.42	Ordinary	11,687	11,687
21-Jun-2018	The Vanguard Group, Inc.	BUY	33.00	Ordinary	1,662	1,662
21-Jun-2018	The Vanguard Group, Inc.	BUY	33.00	Ordinary	57,560	57,560
21-Jun-2018	The Vanguard Group, Inc.	SELL	32.76	Ordinary	(1,671)	(1,671)
22-Jun-2018	The Vanguard Group, Inc.	SELL	32.52	Ordinary	(1,524)	(1,524)
25-Jun-2018	The Vanguard Group, Inc.	BUY	32.98	Ordinary	914	914
26-Jun-2018	The Vanguard Group, Inc.	BUY	32.26	Ordinary	45,793	45,793
26-Jun-2018	The Vanguard Group, Inc.	BUY	32.26	Ordinary	91,055	91,055
26-Jun-2018	The Vanguard Group, Inc.	BUY	32.20	Ordinary	511	511
27-Jun-2018	The Vanguard Group, Inc.	BUY	33.19	Ordinary	74,301	74,301
27-Jun-2018	The Vanguard Group, Inc.	BUY	33.54	Ordinary	3,596	3,596
27-Jun-2018	The Vanguard Group, Inc.	SELL	33.23	Ordinary	(2,386)	(2,386)
28-Jun-2018	The Vanguard Group, Inc.	BUY	33.72	Ordinary	87,536	87,536
28-Jun-2018	The Vanguard Group, Inc.	BUY	33.72	Ordinary	14,831	14,831
29-Jun-2018	The Vanguard Group, Inc.	BUY	33.91	Ordinary	980	980
29-Jun-2018	The Vanguard Group, Inc.	BUY	33.91	Ordinary	76,688	76,688
3-Jul-2018	The Vanguard Group, Inc.	BUY	33.13	Ordinary	111,801	111,801
3-Jul-2018	The Vanguard Group, Inc.	BUY	33.03	Ordinary	2,860	2,860
3-Jul-2018	The Vanguard Group, Inc.	SELL	33.26	Ordinary	(4,028)	(4,028)
3-Jul-2018	The Vanguard Group, Inc.	BUY	33.03	Ordinary	2,697	2,697
4-Jul-2018	The Vanguard Group, Inc.	BUY	32.98	Ordinary	50,166	50,166
4-Jul-2018	The Vanguard Group, Inc.	SELL	33.13	Ordinary	(12,618)	(12,618)
4-Jul-2018	The Vanguard Group, Inc.	BUY	33.05	Ordinary	22,826	22,826
5-Jul-2018	The Vanguard Group, Inc.	BUY	32.87	Ordinary	89,905	89,905
5-Jul-2018	The Vanguard Group, Inc.	BUY	32.87	Ordinary	1,982	1,982
5-Jul-2018	The Vanguard Group, Inc.	BUY	32.87	Ordinary	262	262
6-Jul-2018	The Vanguard Group, Inc.	BUY	33.34	Ordinary	6,864	6,864
6-Jul-2018	The Vanguard Group, Inc.	BUY	33.00	Ordinary	103	103
6-Jul-2018	The Vanguard Group, Inc.	BUY	33.15	Ordinary	18,600	18,600
6-Jul-2018	The Vanguard Group, Inc.	BUY	33.15	Ordinary	2,985	2,985
10-Jul-2018	The Vanguard Group, Inc.	BUY	34.23	Ordinary	1,168	1,168
11-Jul-2018	The Vanguard Group, Inc.	BUY	34.19	Ordinary	51,284	51,284
11-Jul-2018	The Vanguard Group, Inc.	SELL	34.22	Ordinary	(2,435)	(2,435)
11-Jul-2018	The Vanguard Group, Inc.	BUY	34.19	Ordinary	1,253	1,253
12-Jul-2018	The Vanguard Group, Inc.	SELL	33.53	Ordinary	(14,080)	(14,080)
12-Jul-2018	The Vanguard Group, Inc.	SELL	33.23	Ordinary	(1,636)	(1,636)
12-Jul-2018	The Vanguard Group, Inc.	BUY	33.23	Ordinary	10,990	10,990
12-Jul-2018	The Vanguard Group, Inc.	SELL	33.57	Ordinary	(51,451)	(51,451)
13-Jul-2018	The Vanguard Group, Inc.	BUY	33.33	Ordinary	72	72
17-Jul-2018	The Vanguard Group, Inc.	BUY	32.60	Ordinary	41,203	41,203
17-Jul-2018	The Vanguard Group, Inc.	BUY	32.60	Ordinary	7,020	7,020
17-Jul-2018	The Vanguard Group, Inc.	BUY	32.50	Ordinary	1,766	1,766
18-Jul-2018	The Vanguard Group, Inc.	BUY	33.60	Ordinary	64,404	64,404
18-Jul-2018	The Vanguard Group, Inc.	BUY	33.60	Ordinary	324	324
19-Jul-2018	The Vanguard Group, Inc.	BUY	33.61	Ordinary	35,932	35,932
19-Jul-2018	The Vanguard Group, Inc.	BUY	33.61	Ordinary	1,165	1,165
20-Jul-2018	The Vanguard Group, Inc.	BUY	32.98	Ordinary	43,619	43,619
20-Jul-2018	The Vanguard Group, Inc.	BUY	32.66	Ordinary	5,720	5,720
20-Jul-2018	The Vanguard Group, Inc.	SELL	32.91	Ordinary	(17,963)	(17,963)
20-Jul-2018	The Vanguard Group, Inc.	BUY	32.91	Ordinary	20,757	20,757
23-Jul-2018	The Vanguard Group, Inc.	SELL	32.64	Ordinary	(9,237)	(9,237)
24-Jul-2018	The Vanguard Group, Inc.	BUY	32.85	Ordinary	33,079	33,079
24-Jul-2018	The Vanguard Group, Inc.	SELL	32.85	Ordinary	(1,398)	(1,398)
24-Jul-2018	The Vanguard Group, Inc.	BUY	33.01	Ordinary	1,025	1,025
24-Jul-2018	The Vanguard Group, Inc.	BUY	33.01	Ordinary	1,165	1,165
25-Jul-2018	The Vanguard Group, Inc.	SELL	33.88	Ordinary	(46,185)	(46,185)
25-Jul-2018	The Vanguard Group, Inc.	SELL	33.88	Ordinary	(9,237)	(9,237)
25-Jul-2018	The Vanguard Group, Inc.	SELL	33.88	Ordinary	(6,158)	(6,158)
25-Jul-2018	The Vanguard Group, Inc.	SELL	33.75	Ordinary	(2,320)	(2,320)
25-Jul-2018	The Vanguard Group, Inc.	BUY	33.75	Ordinary	723	723
27-Jul-2018	The Vanguard Group, Inc.	BUY	34.30	Ordinary	21,434	21,434
27-Jul-2018	The Vanguard Group, Inc.	SELL	34.40	Ordinary	(17,161)	(17,161)
30-Jul-2018	The Vanguard Group, Inc.	SELL	34.19	Ordinary	(15,610)	(15,610)
31-Jul-2018	The Vanguard Group, Inc.	BUY	34.76	Ordinary	55,391	55,391
31-Jul-2018	The Vanguard Group, Inc.	SELL	35.15	Ordinary	(4,495)	(4,495)
1-Aug-2018	The Vanguard Group, Inc.	BUY	35.13	Ordinary	109,063	109,063
1-Aug-2018	The Vanguard Group, Inc.	SELL	35.10	Ordinary	(894)	(894)

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
2-Aug-2018	The Vanguard Group, Inc.	SELL	33.87	Ordinary	(30,790)	(30,790)
2-Aug-2018	The Vanguard Group, Inc.	BUY	34.46	Ordinary	60,713	60,713
2-Aug-2018	The Vanguard Group, Inc.	BUY	33.92	Ordinary	4,345	4,345
3-Aug-2018	The Vanguard Group, Inc.	BUY	33.87	Ordinary	25,304	25,304
3-Aug-2018	The Vanguard Group, Inc.	BUY	33.38	Ordinary	2,382	2,382
3-Aug-2018	The Vanguard Group, Inc.	SELL	33.38	Ordinary	(9,996)	(9,996)
6-Aug-2018	The Vanguard Group, Inc.	BUY	34.06	Ordinary	81	81
7-Aug-2018	The Vanguard Group, Inc.	BUY	33.61	Ordinary	86,274	86,274
8-Aug-2018	The Vanguard Group, Inc.	BUY	34.25	Ordinary	57,098	57,098
8-Aug-2018	The Vanguard Group, Inc.	BUY	34.25	Ordinary	11,700	11,700
8-Aug-2018	The Vanguard Group, Inc.	SELL	34.22	Ordinary	(858)	(858)
10-Apr-2018	Vanguard Investments Australia Ltd.	BUY	28.88	Ordinary	32,822	32,822
12-Apr-2018	Vanguard Investments Australia Ltd.	BUY	29.67	Ordinary	44,016	44,016
12-Apr-2018	Vanguard Investments Australia Ltd.	BUY	29.67	Ordinary	7,457	7,457
12-Apr-2018	Vanguard Investments Australia Ltd.	BUY	29.67	Ordinary	5,893	5,893
12-Apr-2018	Vanguard Investments Australia Ltd.	BUY	29.67	Ordinary	25,019	25,019
12-Apr-2018	Vanguard Investments Australia Ltd.	BUY	29.67	Ordinary	2,850	2,850
12-Apr-2018	Vanguard Investments Australia Ltd.	BUY	29.67	Ordinary	26,896	26,896
12-Apr-2018	Vanguard Investments Australia Ltd.	BUY	29.67	Ordinary	48,206	48,206
13-Apr-2018	Vanguard Investments Australia Ltd.	BUY	29.89	Ordinary	74,763	74,763
19-Apr-2018	Vanguard Investments Australia Ltd.	SELL	30.92	Ordinary	(11,063)	(11,063)
19-Apr-2018	Vanguard Investments Australia Ltd.	SELL	30.92	Ordinary	(13,226)	(13,226)
19-Apr-2018	Vanguard Investments Australia Ltd.	BUY	30.92	Ordinary	35,556	35,556
24-Apr-2018	Vanguard Investments Australia Ltd.	BUY	31.27	Ordinary	31,389	31,389
27-Apr-2018	Vanguard Investments Australia Ltd.	BUY	31.11	Ordinary	46,535	46,535
3-May-2018	Vanguard Investments Australia Ltd.	SELL	31.52	Ordinary	(2,690)	(2,690)
4-May-2018	Vanguard Investments Australia Ltd.	SELL	31.49	Ordinary	(15,149)	(15,149)
4-May-2018	Vanguard Investments Australia Ltd.	BUY	31.49	Ordinary	17,778	17,778
8-May-2018	Vanguard Investments Australia Ltd.	BUY	31.81	Ordinary	30,716	30,716
17-May-2018	Vanguard Investments Australia Ltd.	SELL	34.44	Ordinary	(11,255)	(11,255)
17-May-2018	Vanguard Investments Australia Ltd.	BUY	34.44	Ordinary	2,069	2,069
17-May-2018	Vanguard Investments Australia Ltd.	BUY	34.44	Ordinary	35,012	35,012
18-May-2018	Vanguard Investments Australia Ltd.	BUY	34.08	Ordinary	20,825	20,825
22-May-2018	Vanguard Investments Australia Ltd.	BUY	33.71	Ordinary	23,800	23,800
23-May-2018	Vanguard Investments Australia Ltd.	SELL	33.88	Ordinary	(19,674)	(19,674)
25-May-2018	Vanguard Investments Australia Ltd.	SELL	33.07	Ordinary	(25,252)	(25,252)
29-May-2018	Vanguard Investments Australia Ltd.	SELL	32.28	Ordinary	(10,137)	(10,137)
29-May-2018	Vanguard Investments Australia Ltd.	SELL	32.28	Ordinary	(21,757)	(21,757)
29-May-2018	Vanguard Investments Australia Ltd.	BUY	32.28	Ordinary	53,329	53,329
30-May-2018	Vanguard Investments Australia Ltd.	BUY	32.16	Ordinary	4,084	4,084
31-May-2018	Vanguard Investments Australia Ltd.	BUY	32.79	Ordinary	20,825	20,825
1-Jun-2018	Vanguard Investments Australia Ltd.	BUY	33.08	Ordinary	74,360	74,360
1-Jun-2018	Vanguard Investments Australia Ltd.	BUY	33.08	Ordinary	64,886	64,886
4-Jun-2018	Vanguard Investments Australia Ltd.	SELL	33.20	Ordinary	(7,803)	(7,803)
8-Jun-2018	Vanguard Investments Australia Ltd.	BUY	34.07	Ordinary	21,014	21,014
13-Jun-2018	Vanguard Investments Australia Ltd.	SELL	33.25	Ordinary	(18,830)	(18,830)
14-Jun-2018	Vanguard Investments Australia Ltd.	BUY	33.38	Ordinary	30,020	30,020
15-Jun-2018	Vanguard Investments Australia Ltd.	BUY	33.57	Ordinary	59,103	59,103
15-Jun-2018	Vanguard Investments Australia Ltd.	BUY	33.57	Ordinary	6,648	6,648
15-Jun-2018	Vanguard Investments Australia Ltd.	BUY	33.57	Ordinary	3,958	3,958
15-Jun-2018	Vanguard Investments Australia Ltd.	BUY	33.57	Ordinary	6,714	6,714
15-Jun-2018	Vanguard Investments Australia Ltd.	BUY	33.57	Ordinary	69,280	69,280
15-Jun-2018	Vanguard Investments Australia Ltd.	BUY	33.57	Ordinary	3,439	3,439
15-Jun-2018	Vanguard Investments Australia Ltd.	BUY	33.57	Ordinary	23,065	23,065
15-Jun-2018	Vanguard Investments Australia Ltd.	BUY	33.57	Ordinary	80,695	80,695
20-Jun-2018	Vanguard Investments Australia Ltd.	SELL	32.60	Ordinary	(9,976)	(9,976)
21-Jun-2018	Vanguard Investments Australia Ltd.	BUY	32.87	Ordinary	53,788	53,788
29-Jun-2018	Vanguard Investments Australia Ltd.	SELL	33.91	Ordinary	(980)	(980)
29-Jun-2018	Vanguard Investments Australia Ltd.	SELL	33.91	Ordinary	(179,906)	(179,906)
3-Jul-2018	Vanguard Investments Australia Ltd.	BUY	33.05	Ordinary	102,025	102,025
5-Jul-2018	Vanguard Investments Australia Ltd.	BUY	32.82	Ordinary	61,116	61,116
5-Jul-2018	Vanguard Investments Australia Ltd.	SELL	32.87	Ordinary	(2,397)	(2,397)
5-Jul-2018	Vanguard Investments Australia Ltd.	BUY	32.82	Ordinary	3,148	3,148
6-Jul-2018	Vanguard Investments Australia Ltd.	BUY	33.26	Ordinary	7,413	7,413
6-Jul-2018	Vanguard Investments Australia Ltd.	BUY	33.26	Ordinary	46,746	46,746
6-Jul-2018	Vanguard Investments Australia Ltd.	BUY	33.26	Ordinary	20,081	20,081
6-Jul-2018	Vanguard Investments Australia Ltd.	BUY	33.26	Ordinary	59,546	59,546
6-Jul-2018	Vanguard Investments Australia Ltd.	BUY	33.15	Ordinary	26,901	26,901

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-2018	Vanguard Investments Australia Ltd.	SELL	33.86	Ordinary	(20,926)	(20,926)
16-Jul-2018	Vanguard Investments Australia Ltd.	BUY	33.07	Ordinary	44,799	44,799
16-Jul-2018	Vanguard Investments Australia Ltd.	BUY	33.07	Ordinary	17,934	17,934
17-Jul-2018	Vanguard Investments Australia Ltd.	BUY	32.50	Ordinary	33,150	33,150
18-Jul-2018	Vanguard Investments Australia Ltd.	SELL	33.57	Ordinary	(30,873)	(30,873)
19-Jul-2018	Vanguard Investments Australia Ltd.	BUY	33.61	Ordinary	44,812	44,812
20-Jul-2018	Vanguard Investments Australia Ltd.	BUY	32.91	Ordinary	32,934	32,934
27-Jul-2018	Vanguard Investments Australia Ltd.	BUY	34.29	Ordinary	53,148	53,148
2-Aug-2018	Vanguard Investments Australia Ltd.	BUY	33.92	Ordinary	26,883	26,883
3-Aug-2018	Vanguard Investments Australia Ltd.	SELL	33.38	Ordinary	(16,949)	(16,949)
3-Aug-2018	Vanguard Investments Australia Ltd.	BUY	33.38	Ordinary	43,675	43,675
7-Aug-2018	Vanguard Investments Australia Ltd.	BUY	33.62	Ordinary	54,744	54,744

This is Annexure A of 5 pages referred to in Form 603, Notice of initial substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 17 June 2020