

**Form 603**  
Corporations Act 2001  
Section 671B

**Notice of initial substantial holder**

To Company Name/Scheme South32 Limited  
ACN/ARSN 093 732 597

**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 30 June 2021

**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>234,998,773</b>	<b>234,998,773</b>	<b>5.027%</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 – 234,998,773</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 – 14,459,344</b>
<b>Vanguard Group</b>	<b>BNY Mellon</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 13,535,081</b>
<b>Vanguard Group</b>	<b>Citibank</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 149,447</b>
<b>Vanguard Group</b>	<b>JP Morgan Chase Bank, N.A.</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 138,361,366</b>
<b>Vanguard Group</b>	<b>State Street Bank and Trust Company</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 35,176,763</b>
<b>Vanguard Group</b>	<b>Various others</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 33,316,772</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 2 July 2021

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## 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.

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To Company South32 Limited  
ACN/ARSN 093 732 597

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
01-Mar-2021	The Vanguard Group, Inc.	BUY	2.82	Ordinary	50,028	50,028
01-Mar-2021	The Vanguard Group, Inc.	BUY	2.79	Ordinary	17,025	17,025
01-Mar-2021	The Vanguard Group, Inc.	BUY	2.79	Ordinary	2,511	2,511
02-Mar-2021	The Vanguard Group, Inc.	BUY	2.74	Ordinary	3,405	3,405
02-Mar-2021	The Vanguard Group, Inc.	BUY	2.74	Ordinary	2,501	2,501
02-Mar-2021	The Vanguard Group, Inc.	BUY	2.74	Ordinary	18,135	18,135
03-Mar-2021	The Vanguard Group, Inc.	SELL	2.82	Ordinary	(1,655)	(1,655)
03-Mar-2021	The Vanguard Group, Inc.	BUY	2.87	Ordinary	11,262	11,262
04-Mar-2021	The Vanguard Group, Inc.	BUY	2.89	Ordinary	2,794	2,794
05-Mar-2021	The Vanguard Group, Inc.	BUY	2.85	Ordinary	3,405	3,405
08-Mar-2021	The Vanguard Group, Inc.	BUY	2.86	Ordinary	20,352	20,352
08-Mar-2021	The Vanguard Group, Inc.	SELL	2.86	Ordinary	(200,240)	(200,240)
09-Mar-2021	The Vanguard Group, Inc.	BUY	2.88	Ordinary	17,192	17,192
09-Mar-2021	The Vanguard Group, Inc.	BUY	2.88	Ordinary	24,822	24,822
09-Mar-2021	The Vanguard Group, Inc.	BUY	2.88	Ordinary	49,180	49,180
09-Mar-2021	The Vanguard Group, Inc.	BUY	2.86	Ordinary	5,058	5,058
10-Mar-2021	The Vanguard Group, Inc.	BUY	2.79	Ordinary	20,685	20,685
10-Mar-2021	The Vanguard Group, Inc.	BUY	2.76	Ordinary	10,215	10,215
10-Mar-2021	The Vanguard Group, Inc.	BUY	2.85	Ordinary	34,921	34,921
11-Mar-2021	The Vanguard Group, Inc.	BUY	2.79	Ordinary	30,086	30,086
11-Mar-2021	The Vanguard Group, Inc.	BUY	2.79	Ordinary	53,781	53,781
11-Mar-2021	The Vanguard Group, Inc.	BUY	2.76	Ordinary	2,651	2,651
12-Mar-2021	The Vanguard Group, Inc.	BUY	2.83	Ordinary	45,706	45,706
16-Mar-2021	The Vanguard Group, Inc.	BUY	2.79	Ordinary	3,405	3,405
16-Mar-2021	The Vanguard Group, Inc.	BUY	2.79	Ordinary	7,566	7,566
17-Mar-2021	The Vanguard Group, Inc.	BUY	2.72	Ordinary	28,959	28,959
17-Mar-2021	The Vanguard Group, Inc.	SELL	2.71	Ordinary	(9,260)	(9,260)
17-Mar-2021	The Vanguard Group, Inc.	SELL	2.71	Ordinary	(50,187)	(50,187)
18-Mar-2021	The Vanguard Group, Inc.	SELL	2.73	Ordinary	(11,254)	(11,254)
19-Mar-2021	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(221,238)	(221,238)
19-Mar-2021	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(171,464)	(171,464)
19-Mar-2021	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(550,709)	(550,709)
19-Mar-2021	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(200,052)	(200,052)
19-Mar-2021	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(441,202)	(441,202)
19-Mar-2021	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(113,697)	(113,697)
19-Mar-2021	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(27,423)	(27,423)
19-Mar-2021	The Vanguard Group, Inc.	BUY	2.70	Ordinary	4,886	4,886
19-Mar-2021	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(26,529)	(26,529)
19-Mar-2021	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(19,532)	(19,532)
19-Mar-2021	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(7,461)	(7,461)
19-Mar-2021	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(354)	(354)
22-Mar-2021	The Vanguard Group, Inc.	BUY	2.74	Ordinary	8,596	8,596
22-Mar-2021	The Vanguard Group, Inc.	BUY	2.74	Ordinary	3,076	3,076
23-Mar-2021	The Vanguard Group, Inc.	BUY	2.71	Ordinary	2,437	2,437
25-Mar-2021	The Vanguard Group, Inc.	BUY	2.76	Ordinary	104,691	104,691
26-Mar-2021	The Vanguard Group, Inc.	BUY	2.75	Ordinary	3,039	3,039
29-Mar-2021	The Vanguard Group, Inc.	BUY	2.86	Ordinary	29,232	29,232
29-Mar-2021	The Vanguard Group, Inc.	BUY	2.84	Ordinary	11,625	11,625
30-Mar-2021	The Vanguard Group, Inc.	BUY	2.86	Ordinary	68,618	68,618
30-Mar-2021	The Vanguard Group, Inc.	BUY	2.80	Ordinary	2,401	2,401
31-Mar-2021	The Vanguard Group, Inc.	BUY	2.83	Ordinary	56,210	56,210
31-Mar-2021	The Vanguard Group, Inc.	SELL	2.81	Ordinary	(138,221)	(138,221)
01-Apr-2021	The Vanguard Group, Inc.	BUY	2.84	Ordinary	157,196	157,196
01-Apr-2021	The Vanguard Group, Inc.	BUY	2.84	Ordinary	544,983	544,983
06-Apr-2021	The Vanguard Group, Inc.	BUY	2.83	Ordinary	42,980	42,980
06-Apr-2021	The Vanguard Group, Inc.	BUY	2.83	Ordinary	39,347	39,347
06-Apr-2021	The Vanguard Group, Inc.	BUY	2.89	Ordinary	50,107	50,107
06-Apr-2021	The Vanguard Group, Inc.	BUY	2.82	Ordinary	16,891	16,891
07-Apr-2021	The Vanguard Group, Inc.	BUY	2.89	Ordinary	2,883	2,883
07-Apr-2021	The Vanguard Group, Inc.	BUY	2.89	Ordinary	3,039	3,039
07-Apr-2021	The Vanguard Group, Inc.	BUY	2.89	Ordinary	2,372	2,372
09-Apr-2021	The Vanguard Group, Inc.	BUY	2.93	Ordinary	44,968	44,968
09-Apr-2021	The Vanguard Group, Inc.	BUY	2.93	Ordinary	18,852	18,852

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
09-Apr-2021	The Vanguard Group, Inc.	BUY	2.92	Ordinary	26,961	26,961
12-Apr-2021	The Vanguard Group, Inc.	BUY	2.89	Ordinary	11,766	11,766
13-Apr-2021	The Vanguard Group, Inc.	BUY	2.90	Ordinary	136,817	136,817
13-Apr-2021	The Vanguard Group, Inc.	BUY	2.89	Ordinary	33,726	33,726
13-Apr-2021	The Vanguard Group, Inc.	BUY	2.87	Ordinary	3,039	3,039
13-Apr-2021	The Vanguard Group, Inc.	BUY	2.87	Ordinary	20,754	20,754
13-Apr-2021	The Vanguard Group, Inc.	BUY	2.87	Ordinary	2,385	2,385
14-Apr-2021	The Vanguard Group, Inc.	BUY	2.85	Ordinary	30,086	30,086
14-Apr-2021	The Vanguard Group, Inc.	BUY	2.85	Ordinary	33,726	33,726
15-Apr-2021	The Vanguard Group, Inc.	BUY	2.95	Ordinary	7,308	7,308
15-Apr-2021	The Vanguard Group, Inc.	BUY	2.95	Ordinary	18,720	18,720
15-Apr-2021	The Vanguard Group, Inc.	BUY	2.92	Ordinary	21,200	21,200
15-Apr-2021	The Vanguard Group, Inc.	BUY	2.92	Ordinary	15,245	15,245
16-Apr-2021	The Vanguard Group, Inc.	BUY	2.88	Ordinary	11,935	11,935
16-Apr-2021	The Vanguard Group, Inc.	BUY	2.88	Ordinary	176,016	176,016
19-Apr-2021	The Vanguard Group, Inc.	BUY	2.88	Ordinary	29,232	29,232
19-Apr-2021	The Vanguard Group, Inc.	BUY	2.88	Ordinary	56,210	56,210
19-Apr-2021	The Vanguard Group, Inc.	BUY	2.89	Ordinary	3,039	3,039
19-Apr-2021	The Vanguard Group, Inc.	SELL	2.89	Ordinary	(5,335)	(5,335)
20-Apr-2021	The Vanguard Group, Inc.	BUY	2.85	Ordinary	9,396	9,396
21-Apr-2021	The Vanguard Group, Inc.	SELL	2.80	Ordinary	(683)	(683)
21-Apr-2021	The Vanguard Group, Inc.	BUY	2.85	Ordinary	2,741	2,741
21-Apr-2021	The Vanguard Group, Inc.	BUY	2.85	Ordinary	44,887	44,887
22-Apr-2021	The Vanguard Group, Inc.	BUY	2.82	Ordinary	14,616	14,616
22-Apr-2021	The Vanguard Group, Inc.	BUY	2.84	Ordinary	906	906
23-Apr-2021	The Vanguard Group, Inc.	BUY	2.90	Ordinary	36,198	36,198
23-Apr-2021	The Vanguard Group, Inc.	BUY	2.90	Ordinary	19,523	19,523
26-Apr-2021	The Vanguard Group, Inc.	BUY	2.88	Ordinary	18,720	18,720
26-Apr-2021	The Vanguard Group, Inc.	BUY	2.87	Ordinary	1,056	1,056
27-Apr-2021	The Vanguard Group, Inc.	BUY	2.89	Ordinary	18,852	18,852
27-Apr-2021	The Vanguard Group, Inc.	SELL	2.89	Ordinary	(6,606)	(6,606)
28-Apr-2021	The Vanguard Group, Inc.	BUY	2.95	Ordinary	17,192	17,192
28-Apr-2021	The Vanguard Group, Inc.	BUY	2.95	Ordinary	15,710	15,710
28-Apr-2021	The Vanguard Group, Inc.	SELL	2.93	Ordinary	(2,132)	(2,132)
29-Apr-2021	The Vanguard Group, Inc.	BUY	2.90	Ordinary	23,565	23,565
04-May-2021	The Vanguard Group, Inc.	BUY	2.91	Ordinary	26,707	26,707
04-May-2021	The Vanguard Group, Inc.	BUY	2.91	Ordinary	18,852	18,852
06-May-2021	The Vanguard Group, Inc.	SELL	2.98	Ordinary	(382)	(382)
06-May-2021	The Vanguard Group, Inc.	BUY	2.98	Ordinary	2,615	2,615
06-May-2021	The Vanguard Group, Inc.	BUY	2.98	Ordinary	6,078	6,078
07-May-2021	The Vanguard Group, Inc.	BUY	3.02	Ordinary	12,894	12,894
07-May-2021	The Vanguard Group, Inc.	BUY	3.02	Ordinary	55,874	55,874
07-May-2021	The Vanguard Group, Inc.	BUY	3.00	Ordinary	109,924	109,924
07-May-2021	The Vanguard Group, Inc.	BUY	3.02	Ordinary	18,720	18,720
07-May-2021	The Vanguard Group, Inc.	BUY	3.02	Ordinary	54,985	54,985
07-May-2021	The Vanguard Group, Inc.	SELL	3.00	Ordinary	(8,234)	(8,234)
10-May-2021	The Vanguard Group, Inc.	BUY	3.05	Ordinary	39,347	39,347
12-May-2021	The Vanguard Group, Inc.	BUY	2.98	Ordinary	14,616	14,616
13-May-2021	The Vanguard Group, Inc.	SELL	2.98	Ordinary	(51,480)	(51,480)
13-May-2021	The Vanguard Group, Inc.	BUY	2.95	Ordinary	12,520	12,520
14-May-2021	The Vanguard Group, Inc.	BUY	2.93	Ordinary	34,986	34,986
14-May-2021	The Vanguard Group, Inc.	BUY	2.93	Ordinary	77,593	77,593
17-May-2021	The Vanguard Group, Inc.	BUY	2.97	Ordinary	17,192	17,192
17-May-2021	The Vanguard Group, Inc.	BUY	2.96	Ordinary	2,531	2,531
18-May-2021	The Vanguard Group, Inc.	BUY	2.99	Ordinary	12,894	12,894
18-May-2021	The Vanguard Group, Inc.	BUY	2.99	Ordinary	10,962	10,962
18-May-2021	The Vanguard Group, Inc.	BUY	3.03	Ordinary	2,589	2,589
18-May-2021	The Vanguard Group, Inc.	BUY	3.03	Ordinary	35,691	35,691
19-May-2021	The Vanguard Group, Inc.	BUY	2.91	Ordinary	89,936	89,936
19-May-2021	The Vanguard Group, Inc.	BUY	2.91	Ordinary	33,726	33,726
20-May-2021	The Vanguard Group, Inc.	BUY	2.86	Ordinary	21,994	21,994
20-May-2021	The Vanguard Group, Inc.	BUY	2.84	Ordinary	2,362	2,362
24-May-2021	The Vanguard Group, Inc.	BUY	2.83	Ordinary	51,156	51,156
24-May-2021	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(745)	(745)
24-May-2021	The Vanguard Group, Inc.	BUY	2.82	Ordinary	2,634	2,634
24-May-2021	The Vanguard Group, Inc.	BUY	2.82	Ordinary	10,730	10,730
25-May-2021	The Vanguard Group, Inc.	BUY	2.89	Ordinary	1,231	1,231
26-May-2021	The Vanguard Group, Inc.	BUY	2.85	Ordinary	17,192	17,192
27-May-2021	The Vanguard Group, Inc.	SELL	2.85	Ordinary	(171,955)	(171,955)
01-Jun-2021	The Vanguard Group, Inc.	BUY	3.01	Ordinary	9,038	9,038

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
01-Jun-2021	The Vanguard Group, Inc.	BUY	3.01	Ordinary	2,376	2,376
02-Jun-2021	The Vanguard Group, Inc.	SELL	3.07	Ordinary	(27,450)	(27,450)
02-Jun-2021	The Vanguard Group, Inc.	BUY	3.07	Ordinary	93,741	93,741
02-Jun-2021	The Vanguard Group, Inc.	BUY	3.02	Ordinary	17,279	17,279
02-Jun-2021	The Vanguard Group, Inc.	BUY	3.07	Ordinary	14,283	14,283
02-Jun-2021	The Vanguard Group, Inc.	BUY	3.07	Ordinary	1,220	1,220
03-Jun-2021	The Vanguard Group, Inc.	BUY	3.05	Ordinary	39,347	39,347
08-Jun-2021	The Vanguard Group, Inc.	BUY	2.98	Ordinary	2,377	2,377
15-Jun-2021	The Vanguard Group, Inc.	BUY	2.92	Ordinary	2,301	2,301
16-Jun-2021	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(26,715)	(26,715)
16-Jun-2021	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(22,129)	(22,129)
16-Jun-2021	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(61,086)	(61,086)
16-Jun-2021	The Vanguard Group, Inc.	BUY	2.85	Ordinary	22,484	22,484
16-Jun-2021	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(196,953)	(196,953)
16-Jun-2021	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(43,117)	(43,117)
17-Jun-2021	The Vanguard Group, Inc.	BUY	2.81	Ordinary	7,250	7,250
17-Jun-2021	The Vanguard Group, Inc.	BUY	2.81	Ordinary	56,210	56,210
18-Jun-2021	The Vanguard Group, Inc.	SELL	2.78	Ordinary	(201,894)	(201,894)
18-Jun-2021	The Vanguard Group, Inc.	SELL	2.78	Ordinary	(167,232)	(167,232)
18-Jun-2021	The Vanguard Group, Inc.	SELL	2.78	Ordinary	(461,635)	(461,635)
18-Jun-2021	The Vanguard Group, Inc.	SELL	2.78	Ordinary	(1,488,407)	(1,488,407)
18-Jun-2021	The Vanguard Group, Inc.	SELL	2.78	Ordinary	(325,847)	(325,847)
18-Jun-2021	The Vanguard Group, Inc.	SELL	2.78	Ordinary	(17,764)	(17,764)
18-Jun-2021	The Vanguard Group, Inc.	SELL	2.78	Ordinary	(6,602)	(6,602)
21-Jun-2021	The Vanguard Group, Inc.	BUY	2.77	Ordinary	10,881	10,881
22-Jun-2021	The Vanguard Group, Inc.	BUY	2.86	Ordinary	10,761	10,761
22-Jun-2021	The Vanguard Group, Inc.	BUY	2.86	Ordinary	28,696	28,696
22-Jun-2021	The Vanguard Group, Inc.	BUY	2.86	Ordinary	33,264	33,264
22-Jun-2021	The Vanguard Group, Inc.	BUY	2.85	Ordinary	7,785	7,785
22-Jun-2021	The Vanguard Group, Inc.	BUY	2.85	Ordinary	2,409	2,409
23-Jun-2021	The Vanguard Group, Inc.	BUY	2.86	Ordinary	10,761	10,761
24-Jun-2021	The Vanguard Group, Inc.	BUY	2.94	Ordinary	44,352	44,352
29-Jun-2021	The Vanguard Group, Inc.	BUY	2.90	Ordinary	2,309	2,309
29-Jun-2021	The Vanguard Group, Inc.	BUY	2.90	Ordinary	49,657	49,657
30-Jun-2021	The Vanguard Group, Inc.	BUY	2.92	Ordinary	27,720	27,720
30-Jun-2021	The Vanguard Group, Inc.	BUY	2.92	Ordinary	20,423	20,423
03-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.87	Ordinary	91,660	91,660
05-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	45,940	45,940
08-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.86	Ordinary	(35,088)	(35,088)
09-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.86	Ordinary	(34,965)	(34,965)
09-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	13,713	13,713
10-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	54,780	54,780
17-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.71	Ordinary	45,560	45,560
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.70	Ordinary	(55,763)	(55,763)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.70	Ordinary	(22,459)	(22,459)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.70	Ordinary	(23,121)	(23,121)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.70	Ordinary	(371,615)	(371,615)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.70	Ordinary	(1,857)	(1,857)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.70	Ordinary	(317,198)	(317,198)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.70	Ordinary	(797,006)	(797,006)
30-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.80	Ordinary	47,652	47,652
30-Mar-2021	Vanguard Investments Australia Ltd.	BUY	2.80	Ordinary	56,316	56,316
31-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.81	Ordinary	(156,693)	(156,693)
31-Mar-2021	Vanguard Investments Australia Ltd.	SELL	2.81	Ordinary	(158,823)	(158,823)
01-Apr-2021	Vanguard Investments Australia Ltd.	IN SPECIE	2.85	Ordinary	(8,630,294)	(8,630,294)
06-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.82	Ordinary	8,008	8,008
06-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.82	Ordinary	153,666	153,666
06-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.82	Ordinary	12,888	12,888
07-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.84	Ordinary	46,437	46,437
07-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.89	Ordinary	51,612	51,612
09-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.92	Ordinary	94,490	94,490
09-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.92	Ordinary	51,540	51,540
20-Apr-2021	Vanguard Investments Australia Ltd.	SELL	2.85	Ordinary	(43,756)	(43,756)
20-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	86,700	86,700
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	56,842	56,842
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	202,724	202,724
27-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.89	Ordinary	115,002	115,002
29-Apr-2021	Vanguard Investments Australia Ltd.	BUY	2.91	Ordinary	48,158	48,158
03-May-2021	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	43,920	43,920
06-May-2021	Vanguard Investments Australia Ltd.	BUY	2.98	Ordinary	65,895	65,895

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
07-May-2021	Vanguard Investments Australia Ltd.	BUY	3.00	Ordinary	234,015	234,015
13-May-2021	Vanguard Investments Australia Ltd.	BUY	2.95	Ordinary	6,645	6,645
14-May-2021	Vanguard Investments Australia Ltd.	BUY	2.93	Ordinary	61,740	61,740
17-May-2021	Vanguard Investments Australia Ltd.	SELL	2.96	Ordinary	(64,847)	(64,847)
17-May-2021	Vanguard Investments Australia Ltd.	BUY	2.96	Ordinary	52,896	52,896
19-May-2021	Vanguard Investments Australia Ltd.	BUY	2.92	Ordinary	57,083	57,083
20-May-2021	Vanguard Investments Australia Ltd.	IN SPECIE	2.84	Ordinary	(17,232,160)	(17,232,160)
20-May-2021	Vanguard Investments Australia Ltd.	IN SPECIE	2.84	Ordinary	(146,571)	(146,571)
21-May-2021	Vanguard Investments Australia Ltd.	BUY	2.87	Ordinary	87,780	87,780
25-May-2021	Vanguard Investments Australia Ltd.	BUY	2.89	Ordinary	52,692	52,692
27-May-2021	Vanguard Investments Australia Ltd.	SELL	2.85	Ordinary	(49,872)	(49,872)
31-May-2021	Vanguard Investments Australia Ltd.	BUY	2.98	Ordinary	173,463	173,463
08-Jun-2021	Vanguard Investments Australia Ltd.	SELL	2.98	Ordinary	(13,300)	(13,300)
08-Jun-2021	Vanguard Investments Australia Ltd.	BUY	2.98	Ordinary	53,304	53,304
09-Jun-2021	Vanguard Investments Australia Ltd.	BUY	2.99	Ordinary	53,412	53,412
18-Jun-2021	Vanguard Investments Australia Ltd.	SELL	2.78	Ordinary	(154,386)	(154,386)
18-Jun-2021	Vanguard Investments Australia Ltd.	SELL	2.78	Ordinary	(47,614)	(47,614)
18-Jun-2021	Vanguard Investments Australia Ltd.	SELL	2.78	Ordinary	(214,041)	(214,041)
22-Jun-2021	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	17,656	17,656
22-Jun-2021	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	44,140	44,140
29-Jun-2021	Vanguard Investments Australia Ltd.	BUY	2.90	Ordinary	53,028	53,028

This is Annexure A of 4 pages referred to in Form 603, Notice of initial substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 2 July 2021