

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

To Company Name/Scheme Santos Limited

ACN/ARSN 007 550 923

**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 7 August 2020

**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>104,173,718</b>	<b>104,173,718</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 – 104,173,718</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 – 4,745,298</b>
<b>Vanguard Group</b>	<b>BNY Mellon</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 4,815,012</b>
<b>Vanguard Group</b>	<b>Citibank</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 65,356</b>
<b>Vanguard Group</b>	<b>JP Morgan Chase Bank, N.A.</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 50,270,321</b>
<b>Vanguard Group</b>	<b>State Street Bank and Trust Company</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 17,185,522</b>
<b>Vanguard Group</b>	<b>Various others</b>	Various funds and other accounts of Vanguard Group	<b>Ordinary – 27,092,209</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 Keith Delgado capacity Compliance Manager

sign here  date 12 August 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.

<b>To Company</b>	Santos Limited
<b>ACN/ARSN</b>	007 550 923
<b>Substantial Holder Name</b>	Vanguard Group
<b>ACN/ARSN</b>	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
15-Apr-2020	The Vanguard Group, Inc.	SELL	4.36	Ordinary	(8,416)	(8,416)
15-Apr-2020	The Vanguard Group, Inc.	SELL	4.36	Ordinary	(18,936)	(18,936)
15-Apr-2020	The Vanguard Group, Inc.	SELL	4.36	Ordinary	(16,832)	(16,832)
15-Apr-2020	The Vanguard Group, Inc.	BUY	4.39	Ordinary	942	942
16-Apr-2020	The Vanguard Group, Inc.	BUY	4.25	Ordinary	3,402	3,402
15-Apr-2020	The Vanguard Group, Inc.	SELL	4.50	Ordinary	(2,723)	(2,723)
17-Apr-2020	The Vanguard Group, Inc.	BUY	4.34	Ordinary	7,905	7,905
17-Apr-2020	The Vanguard Group, Inc.	BUY	4.34	Ordinary	6,048	6,048
20-Apr-2020	The Vanguard Group, Inc.	BUY	4.10	Ordinary	6,912	6,912
20-Apr-2020	The Vanguard Group, Inc.	BUY	4.10	Ordinary	12,096	12,096
21-Apr-2020	The Vanguard Group, Inc.	SELL	4.00	Ordinary	(7,277)	(7,277)
23-Apr-2020	The Vanguard Group, Inc.	SELL	4.27	Ordinary	(153,198)	(153,198)
23-Apr-2020	The Vanguard Group, Inc.	BUY	4.27	Ordinary	153,198	153,198
23-Apr-2020	The Vanguard Group, Inc.	BUY	4.27	Ordinary	153,198	153,198
28-Apr-2020	The Vanguard Group, Inc.	BUY	4.24	Ordinary	7,650	7,650
30-Apr-2020	The Vanguard Group, Inc.	SELL	4.88	Ordinary	(18,936)	(18,936)
30-Apr-2020	The Vanguard Group, Inc.	BUY	4.70	Ordinary	36,270	36,270
1-May-2020	The Vanguard Group, Inc.	SELL	4.51	Ordinary	(6,976)	(6,976)
1-May-2020	The Vanguard Group, Inc.	SELL	4.51	Ordinary	(25,248)	(25,248)
4-May-2020	The Vanguard Group, Inc.	BUY	4.46	Ordinary	2,920	2,920
6-May-2020	The Vanguard Group, Inc.	BUY	4.85	Ordinary	7,841	7,841
7-May-2020	The Vanguard Group, Inc.	SELL	4.79	Ordinary	(5,913)	(5,913)
7-May-2020	The Vanguard Group, Inc.	BUY	4.76	Ordinary	6,361	6,361
7-May-2020	The Vanguard Group, Inc.	BUY	4.76	Ordinary	917	917
8-May-2020	The Vanguard Group, Inc.	SELL	4.86	Ordinary	(12,208)	(12,208)
8-May-2020	The Vanguard Group, Inc.	BUY	4.85	Ordinary	2,899	2,899
11-May-2020	The Vanguard Group, Inc.	SELL	4.94	Ordinary	(30,333)	(30,333)
12-May-2020	The Vanguard Group, Inc.	BUY	4.78	Ordinary	8,947	8,947
12-May-2020	The Vanguard Group, Inc.	BUY	4.78	Ordinary	917	917
13-May-2020	The Vanguard Group, Inc.	BUY	4.72	Ordinary	3,395	3,395
13-May-2020	The Vanguard Group, Inc.	SELL	4.72	Ordinary	(57,972)	(57,972)
14-May-2020	The Vanguard Group, Inc.	BUY	4.56	Ordinary	5,209	5,209
15-May-2020	The Vanguard Group, Inc.	BUY	4.60	Ordinary	3,393	3,393
18-May-2020	The Vanguard Group, Inc.	BUY	4.87	Ordinary	17,829	17,829
20-May-2020	The Vanguard Group, Inc.	SELL	5.00	Ordinary	(5,074)	(5,074)
21-May-2020	The Vanguard Group, Inc.	BUY	5.29	Ordinary	3,400	3,400
22-May-2020	The Vanguard Group, Inc.	SELL	5.26	Ordinary	(4,663)	(4,663)
22-May-2020	The Vanguard Group, Inc.	BUY	5.08	Ordinary	9,526	9,526
25-May-2020	The Vanguard Group, Inc.	BUY	5.24	Ordinary	60,149	60,149
27-May-2020	The Vanguard Group, Inc.	BUY	5.62	Ordinary	1,382	1,382
28-May-2020	The Vanguard Group, Inc.	BUY	5.42	Ordinary	20,928	20,928
29-May-2020	The Vanguard Group, Inc.	SELL	5.37	Ordinary	(8,982)	(8,982)
29-May-2020	The Vanguard Group, Inc.	BUY	5.36	Ordinary	110,209	110,209
29-May-2020	The Vanguard Group, Inc.	BUY	5.36	Ordinary	19,438	19,438
1-Jun-2020	The Vanguard Group, Inc.	BUY	5.59	Ordinary	8,720	8,720
1-Jun-2020	The Vanguard Group, Inc.	SELL	5.50	Ordinary	(3,908)	(3,908)
1-Jun-2020	The Vanguard Group, Inc.	SELL	5.30	Ordinary	(673)	(673)
2-Jun-2020	The Vanguard Group, Inc.	BUY	5.61	Ordinary	26,160	26,160
2-Jun-2020	The Vanguard Group, Inc.	BUY	5.52	Ordinary	31,937	31,937
3-Jun-2020	The Vanguard Group, Inc.	BUY	5.75	Ordinary	917	917
4-Jun-2020	The Vanguard Group, Inc.	BUY	5.67	Ordinary	8,720	8,720
4-Jun-2020	The Vanguard Group, Inc.	SELL	5.83	Ordinary	(105,150)	(105,150)
4-Jun-2020	The Vanguard Group, Inc.	BUY	5.82	Ordinary	10,554	10,554
9-Jun-2020	The Vanguard Group, Inc.	SELL	5.89	Ordinary	(21,370)	(21,370)
9-Jun-2020	The Vanguard Group, Inc.	SELL	6.13	Ordinary	(8,982)	(8,982)
9-Jun-2020	The Vanguard Group, Inc.	SELL	6.08	Ordinary	(189,464)	(189,464)
9-Jun-2020	The Vanguard Group, Inc.	BUY	6.17	Ordinary	3,405	3,405
9-Jun-2020	The Vanguard Group, Inc.	SELL	6.17	Ordinary	(7,281)	(7,281)
10-Jun-2020	The Vanguard Group, Inc.	SELL	5.98	Ordinary	(55,384)	(55,384)
10-Jun-2020	The Vanguard Group, Inc.	SELL	5.90	Ordinary	(99,663)	(99,663)
11-Jun-2020	The Vanguard Group, Inc.	BUY	5.34	Ordinary	8,720	8,720

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
11-Jun-2020	The Vanguard Group, Inc.	SELL	5.34	Ordinary	(8,548)	(8,548)
11-Jun-2020	The Vanguard Group, Inc.	SELL	5.34	Ordinary	(21,370)	(21,370)
11-Jun-2020	The Vanguard Group, Inc.	SELL	5.34	Ordinary	(12,822)	(12,822)
11-Jun-2020	The Vanguard Group, Inc.	SELL	5.60	Ordinary	(50,027)	(50,027)
15-Jun-2020	The Vanguard Group, Inc.	SELL	5.43	Ordinary	(12,822)	(12,822)
16-Jun-2020	The Vanguard Group, Inc.	SELL	5.45	Ordinary	(2,671)	(2,671)
17-Jun-2020	The Vanguard Group, Inc.	BUY	5.53	Ordinary	26,155	26,155
19-Jun-2020	The Vanguard Group, Inc.	SELL	5.50	Ordinary	(31,813)	(31,813)
19-Jun-2020	The Vanguard Group, Inc.	SELL	5.43	Ordinary	(10,479)	(10,479)
19-Jun-2020	The Vanguard Group, Inc.	SELL	5.51	Ordinary	(135,234)	(135,234)
19-Jun-2020	The Vanguard Group, Inc.	SELL	5.50	Ordinary	(5,189)	(5,189)
22-Jun-2020	The Vanguard Group, Inc.	BUY	5.50	Ordinary	2,098	2,098
22-Jun-2020	The Vanguard Group, Inc.	SELL	5.41	Ordinary	(4,354)	(4,354)
24-Jun-2020	The Vanguard Group, Inc.	SELL	5.20	Ordinary	(12,762)	(12,762)
24-Jun-2020	The Vanguard Group, Inc.	SELL	5.20	Ordinary	(14,440)	(14,440)
24-Jun-2020	The Vanguard Group, Inc.	SELL	5.20	Ordinary	(4,332)	(4,332)
24-Jun-2020	The Vanguard Group, Inc.	SELL	5.20	Ordinary	(7,183)	(7,183)
24-Jun-2020	The Vanguard Group, Inc.	BUY	5.36	Ordinary	913	913
25-Jun-2020	The Vanguard Group, Inc.	SELL	5.16	Ordinary	(120,440)	(120,440)
29-Jun-2020	The Vanguard Group, Inc.	BUY	5.05	Ordinary	9,312	9,312
29-Jun-2020	The Vanguard Group, Inc.	BUY	5.05	Ordinary	1,826	1,826
30-Jun-2020	The Vanguard Group, Inc.	SELL	5.39	Ordinary	(10,635)	(10,635)
30-Jun-2020	The Vanguard Group, Inc.	BUY	5.30	Ordinary	42,433	42,433
1-Jul-2020	The Vanguard Group, Inc.	BUY	5.28	Ordinary	914	914
2-Jul-2020	The Vanguard Group, Inc.	BUY	5.36	Ordinary	1,008	1,008
6-Jul-2020	The Vanguard Group, Inc.	BUY	5.27	Ordinary	6,530	6,530
6-Jul-2020	The Vanguard Group, Inc.	BUY	5.25	Ordinary	2,016	2,016
7-Jul-2020	The Vanguard Group, Inc.	SELL	5.22	Ordinary	(108,576)	(108,576)
7-Jul-2020	The Vanguard Group, Inc.	BUY	5.16	Ordinary	931	931
8-Jul-2020	The Vanguard Group, Inc.	BUY	5.08	Ordinary	1,008	1,008
9-Jul-2020	The Vanguard Group, Inc.	SELL	5.13	Ordinary	(111,434)	(111,434)
10-Jul-2020	The Vanguard Group, Inc.	BUY	5.19	Ordinary	930	930
14-Jul-2020	The Vanguard Group, Inc.	SELL	5.20	Ordinary	(88,065)	(88,065)
14-Jul-2020	The Vanguard Group, Inc.	SELL	5.20	Ordinary	(18,184)	(18,184)
15-Jul-2020	The Vanguard Group, Inc.	SELL	5.38	Ordinary	(20,928)	(20,928)
15-Jul-2020	The Vanguard Group, Inc.	SELL	5.38	Ordinary	(6,976)	(6,976)
16-Jul-2020	The Vanguard Group, Inc.	SELL	5.44	Ordinary	(2,208)	(2,208)
20-Jul-2020	The Vanguard Group, Inc.	BUY	5.16	Ordinary	19,326	19,326
29-Jul-2020	The Vanguard Group, Inc.	BUY	5.42	Ordinary	26,393	26,393
30-Jul-2020	The Vanguard Group, Inc.	BUY	5.43	Ordinary	1,878	1,878
30-Jul-2020	The Vanguard Group, Inc.	BUY	5.43	Ordinary	629	629
31-Jul-2020	The Vanguard Group, Inc.	BUY	5.28	Ordinary	52,374	52,374
31-Jul-2020	The Vanguard Group, Inc.	BUY	5.27	Ordinary	3,271	3,271
31-Jul-2020	The Vanguard Group, Inc.	BUY	5.27	Ordinary	928	928
31-Jul-2020	The Vanguard Group, Inc.	BUY	5.27	Ordinary	1,887	1,887
3-Aug-2020	The Vanguard Group, Inc.	SELL	5.25	Ordinary	(140,000)	(140,000)
3-Aug-2020	The Vanguard Group, Inc.	SELL	5.22	Ordinary	(125,399)	(125,399)
3-Aug-2020	The Vanguard Group, Inc.	BUY	5.31	Ordinary	10,176	10,176
4-Aug-2020	The Vanguard Group, Inc.	BUY	5.56	Ordinary	937	937
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	4.54	Ordinary	23,130	23,130
9-Apr-2020	Vanguard Investments Australia Ltd.	SELL	4.61	Ordinary	(99,729)	(99,729)
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	4.61	Ordinary	55,828	55,828
14-Apr-2020	Vanguard Investments Australia Ltd.	SELL	4.56	Ordinary	(93,604)	(93,604)
15-Apr-2020	Vanguard Investments Australia Ltd.	BUY	4.39	Ordinary	32,960	32,960
17-Apr-2020	Vanguard Investments Australia Ltd.	SELL	4.35	Ordinary	(3,320)	(3,320)
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	4.08	Ordinary	5,251	5,251
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	4.01	Ordinary	27,948	27,948
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	4.01	Ordinary	32,880	32,880
22-Apr-2020	Vanguard Investments Australia Ltd.	SELL	3.99	Ordinary	(191,115)	(191,115)
23-Apr-2020	Vanguard Investments Australia Ltd.	SELL	4.26	Ordinary	(203,461)	(203,461)
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	4.26	Ordinary	24,555	24,555
28-Apr-2020	Vanguard Investments Australia Ltd.	BUY	4.25	Ordinary	29,412	29,412
30-Apr-2020	Vanguard Investments Australia Ltd.	SELL	4.94	Ordinary	(41,347)	(41,347)
30-Apr-2020	Vanguard Investments Australia Ltd.	SELL	4.94	Ordinary	(22,124)	(22,124)
1-May-2020	Vanguard Investments Australia Ltd.	SELL	4.56	Ordinary	(18,032)	(18,032)
1-May-2020	Vanguard Investments Australia Ltd.	SELL	4.56	Ordinary	(6,984)	(6,984)
1-May-2020	Vanguard Investments Australia Ltd.	BUY	4.56	Ordinary	32,680	32,680
1-May-2020	Vanguard Investments Australia Ltd.	BUY	4.56	Ordinary	24,510	24,510

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
4-May-2020	Vanguard Investments Australia Ltd.	BUY	4.60	Ordinary	45,724	45,724
5-May-2020	Vanguard Investments Australia Ltd.	SELL	4.83	Ordinary	(4,541)	(4,541)
5-May-2020	Vanguard Investments Australia Ltd.	SELL	4.83	Ordinary	(22,162)	(22,162)
8-May-2020	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	1,628	1,628
12-May-2020	Vanguard Investments Australia Ltd.	BUY	4.78	Ordinary	22,764	22,764
13-May-2020	Vanguard Investments Australia Ltd.	BUY	4.72	Ordinary	24,390	24,390
19-May-2020	Vanguard Investments Australia Ltd.	BUY	5.10	Ordinary	32,500	32,500
20-May-2020	Vanguard Investments Australia Ltd.	BUY	5.12	Ordinary	26,016	26,016
22-May-2020	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	19,500	19,500
25-May-2020	Vanguard Investments Australia Ltd.	BUY	5.25	Ordinary	16,250	16,250
26-May-2020	Vanguard Investments Australia Ltd.	BUY	5.46	Ordinary	199,016	199,016
26-May-2020	Vanguard Investments Australia Ltd.	BUY	5.46	Ordinary	24,375	24,375
27-May-2020	Vanguard Investments Australia Ltd.	SELL	5.62	Ordinary	(19,000)	(19,000)
27-May-2020	Vanguard Investments Australia Ltd.	BUY	5.62	Ordinary	193,799	193,799
28-May-2020	Vanguard Investments Australia Ltd.	SELL	5.44	Ordinary	(1,565)	(1,565)
28-May-2020	Vanguard Investments Australia Ltd.	SELL	5.44	Ordinary	(92,891)	(92,891)
29-May-2020	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	24,315	24,315
2-Jun-2020	Vanguard Investments Australia Ltd.	SELL	5.52	Ordinary	(27,966)	(27,966)
4-Jun-2020	Vanguard Investments Australia Ltd.	SELL	5.66	Ordinary	(55,162)	(55,162)
5-Jun-2020	Vanguard Investments Australia Ltd.	SELL	5.75	Ordinary	(31,802)	(31,802)
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	5.75	Ordinary	24,360	24,360
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	5.75	Ordinary	19,488	19,488
10-Jun-2020	Vanguard Investments Australia Ltd.	SELL	5.98	Ordinary	(35,745)	(35,745)
11-Jun-2020	Vanguard Investments Australia Ltd.	SELL	5.60	Ordinary	(2,840)	(2,840)
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	5.60	Ordinary	24,360	24,360
15-Jun-2020	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	32,580	32,580
16-Jun-2020	Vanguard Investments Australia Ltd.	BUY	5.45	Ordinary	16,300	16,300
17-Jun-2020	Vanguard Investments Australia Ltd.	BUY	5.53	Ordinary	24,450	24,450
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	5.51	Ordinary	(29,415)	(29,415)
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	5.50	Ordinary	3,264	3,264
23-Jun-2020	Vanguard Investments Australia Ltd.	SELL	5.45	Ordinary	(27,659)	(27,659)
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	37,421	37,421
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	5.21	Ordinary	(69,013)	(69,013)
26-Jun-2020	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	89,822	89,822
26-Jun-2020	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	10,891	10,891
26-Jun-2020	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	16,138	16,138
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	5.21	Ordinary	(6,371)	(6,371)
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	5.21	Ordinary	(19,305)	(19,305)
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	5.21	Ordinary	(19,305)	(19,305)
3-Jul-2020	Vanguard Investments Australia Ltd.	SELL	5.31	Ordinary	(10,634)	(10,634)
8-Jul-2020	Vanguard Investments Australia Ltd.	SELL	5.08	Ordinary	(1,188,597)	(1,188,597)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	5.26	Ordinary	(14,598)	(14,598)
24-Jul-2020	Vanguard Investments Australia Ltd.	SELL	5.58	Ordinary	(68,441)	(68,441)
30-Jul-2020	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	21,138	21,138
31-Jul-2020	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	66,396	66,396
5-Aug-2020	Vanguard Investments Australia Ltd.	BUY	5.53	Ordinary	24,420	24,420
7-Aug-2020	Vanguard Investments Australia Ltd.	BUY	5.70	Ordinary	32,600	32,600

This is Annexure A of 3 pages referred to in Form 603, Notice of initial substantial holder.

Signature:

Name: Keith Delgado

Capacity: Compliance Manager

Date: 12 August 2020