

**Form 604**Corporations Act 2001  
Section 671B**Notice of change of interests of substantial holder**To Company Name/Scheme ALTIIUM LTDACN/ARSN 009 568 772**1. Details of substantial holder(1)**Name BlackRock Group (BlackRock Inc. and subsidiaries named in Annexures  
ACN/ARSN (if applicable) to this form)There was a change in the interests of the  
substantial holder on 15 / 02 / 2021The previous notice was given to the company on 16 / 10 / 2020The previous notice was dated 14 / 10 / 2020**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)
ord	10,586,578	8.06	11,942,462	9.10

**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
	See Annexure B				

## 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

## 6. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Annexure C	

## Signature

print name Haley Harris

capacity \*Authorised Signatory

sign here

date 17 / 02 / 2021

\* At a meeting of the Board on 22 November 2013, the Directors resolved to approve the delegation of the preparation and lodgement of substantial shareholder notices on behalf of BlackRock Investment Management (Australia) Limited.

### DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 6 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (6) Include details of:
  - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
  - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (7) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

This is Annexure A of 12 pages referred to in form 604 Notice of change of interests of substantial shareholder

17-Feb-21

Haley Harris,  
Authorised Signatory

Date

## 5. Consideration

ALTUM LTD (ALU)							
Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
15-Oct-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	261	261
15-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.10	AUD	ORD	1,029	1,029
15-Oct-20	BlackRock Investment Management (UK) Limited	on mkt sell	39.03	AUD	ORD	-1,069	-1,069
15-Oct-20	BlackRock Investment Management, LLC	on mkt sell	39.03	AUD	ORD	-894	-894
15-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.91	AUD	ORD	365	365
15-Oct-20	BlackRock Advisors (UK) Limited	on mkt sell	38.91	AUD	ORD	-7,024	-7,024
15-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.91	AUD	ORD	3,380	3,380
16-Oct-20	BlackRock Investment Management (UK) Limited	on mkt sell	38.53	AUD	ORD	-1,540	-1,540
16-Oct-20	BlackRock Investment Management, LLC	on mkt sell	38.53	AUD	ORD	-1,000	-1,000
16-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.53	AUD	ORD	1,228	1,228
20-Oct-20	BlackRock Investment Management (UK) Limited	on mkt sell	39.49	AUD	ORD	-762	-762
20-Oct-20	BlackRock Investment Management, LLC	on mkt sell	39.49	AUD	ORD	-575	-575
20-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.61	AUD	ORD	938	938
20-Oct-20	BlackRock Advisors (UK) Limited	on mkt buy	39.61	AUD	ORD	2,166	2,166
20-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	39.61	AUD	ORD	-1,662	-1,662
21-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.83	AUD	ORD	5,740	5,740
21-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.83	AUD	ORD	440	440
21-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.83	AUD	ORD	5,585	5,585
21-Oct-20	BlackRock Investment Management, LLC	on mkt buy	39.87	AUD	ORD	14,178	14,178
21-Oct-20	BlackRock Investment Management, LLC	on mkt buy	39.87	AUD	ORD	29,763	29,763
22-Oct-20	BlackRock Investment Management, LLC	on mkt buy	39.47	AUD	ORD	9,498	9,498
22-Oct-20	BlackRock Investment Management (UK) Limited	on mkt sell	39.58	AUD	ORD	-632	-632
22-Oct-20	BlackRock Investment Management, LLC	on mkt sell	39.58	AUD	ORD	-308	-308
22-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.59	AUD	ORD	1,006	1,006
23-Oct-20	BlackRock Investment Management, LLC	on mkt sell	39.36	AUD	ORD	-267	-267
23-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.35	AUD	ORD	8,443	8,443
23-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.35	AUD	ORD	583	583
23-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	39.35	AUD	ORD	7,691	7,691
23-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	39.34	AUD	ORD	559	559
23-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	39.34	AUD	ORD	-3,762	-3,762
26-Oct-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,612	3,612

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
26-Oct-20	BlackRock Investment Management, LLC	on mkt buy	39.88	AUD	ORD	9,578	9,578
26-Oct-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-712	-712
27-Oct-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-18,884	-18,884
27-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.03	AUD	ORD	788	788
27-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt sell	38.00	AUD	ORD	-1,201	-1,201
28-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.24	AUD	ORD	1,392	1,392
28-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.24	AUD	ORD	128	128
28-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.24	AUD	ORD	1,912	1,912
28-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt sell	38.21	AUD	ORD	-3,484	-3,484
28-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	38.21	AUD	ORD	2,392	2,392
29-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.44	AUD	ORD	363	363
30-Oct-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,056	-1,056
30-Oct-20	BlackRock Investment Management, LLC	on mkt buy	37.53	AUD	ORD	9,800	9,800
30-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.20	AUD	ORD	92	92
30-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	37.23	AUD	ORD	61,970	61,970
30-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.18	AUD	ORD	938	938
30-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.18	AUD	ORD	1,974	1,974
30-Oct-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,202	-1,202
30-Oct-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,838	3,838
02-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,803	-1,803
02-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,202	-1,202
02-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	36.46	AUD	ORD	5,794	5,794
02-Nov-20	BlackRock Investment Management, LLC	on mkt buy	36.46	AUD	ORD	21,510	21,510
03-Nov-20	BlackRock Investment Management, LLC	on mkt buy	36.93	AUD	ORD	27,838	27,838
03-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.94	AUD	ORD	83	83
03-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.98	AUD	ORD	281	281
04-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.23	AUD	ORD	73	73
04-Nov-20	BlackRock Investment Management, LLC	on mkt buy	37.05	AUD	ORD	5,631	5,631
04-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.24	AUD	ORD	5,416	5,416
04-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.24	AUD	ORD	413	413
04-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.25	AUD	ORD	6,429	6,429
05-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	38.50	AUD	ORD	245	245
05-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,208	-1,208
06-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	38.40	AUD	ORD	73	73
06-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.19	AUD	ORD	402	402
09-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	370	370
09-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,850	1,850
09-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	740	740
10-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	37.20	AUD	ORD	-624	-624
10-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.97	AUD	ORD	1,206	1,206
10-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	36.97	AUD	ORD	-10,050	-10,050

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
10-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	36.97	AUD	ORD	-2,435	-2,435
10-Nov-20	BlackRock Asset Management Canada Limited	on mkt buy	36.97	AUD	ORD	7,217	7,217
11-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	37.36	AUD	ORD	-280	-280
11-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.39	AUD	ORD	834	834
11-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	37.42	AUD	ORD	-2,718	-2,718
11-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	37.28	AUD	ORD	-236	-236
11-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	37.42	AUD	ORD	-4,772	-4,772
11-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	37.36	AUD	ORD	154	154
11-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.36	AUD	ORD	3,242	3,242
11-Nov-20	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-13,743	-13,743
12-Nov-20	BLACKROCK ADVISORS, LLC	on mkt sell	38.15	AUD	ORD	-3,939	-3,939
12-Nov-20	BlackRock Investment Management, LLC	on mkt buy	38.18	AUD	ORD	12,282	12,282
12-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	37.03	AUD	ORD	-860	-860
13-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.78	AUD	ORD	140	140
17-Nov-20	BlackRock Investment Management, LLC	on mkt buy	36.13	AUD	ORD	20,019	20,019
17-Nov-20	BlackRock Investment Management, LLC	on mkt buy	36.35	AUD	ORD	4,482	4,482
17-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	36.36	AUD	ORD	-2,655	-2,655
17-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,612	-3,612
17-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.52	AUD	ORD	-261	-261
17-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.30	AUD	ORD	938	938
17-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.30	AUD	ORD	3,886	3,886
17-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	35.30	AUD	ORD	770	770
17-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	35.30	AUD	ORD	308	308
17-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.30	AUD	ORD	365	365
18-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.10	AUD	ORD	1,116	1,116
18-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.10	AUD	ORD	526	526
18-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.10	AUD	ORD	562	562
18-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	36.14	AUD	ORD	-1,340	-1,340
18-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	36.14	AUD	ORD	-5,854	-5,854
19-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	36.78	AUD	ORD	6,256	6,256
19-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	279	279
19-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.81	AUD	ORD	4,824	4,824
19-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.81	AUD	ORD	-1,310	-1,310
20-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.09	AUD	ORD	15,044	15,044
20-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.08	AUD	ORD	470	470
20-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,470	1,470
20-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.10	AUD	ORD	2,251	2,251
20-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.10	AUD	ORD	669	669
20-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.10	AUD	ORD	640	640
20-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	279	279

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
23-Nov-20	BlackRock Investment Management, LLC	on mkt buy	36.15	AUD	ORD	22,052	22,052
23-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.18	AUD	ORD	3,752	3,752
24-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	35.89	AUD	ORD	-902	-902
24-Nov-20	BlackRock Investment Management, LLC	on mkt sell	35.89	AUD	ORD	-285	-285
25-Nov-20	BlackRock Fund Advisors	on mkt sell	36.00	AUD	ORD	-29	-29
25-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	35.40	AUD	ORD	67	67
25-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,450	2,450
25-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.26	AUD	ORD	402	402
25-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	338	338
25-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	35.27	AUD	ORD	1,835	1,835
25-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	35.27	AUD	ORD	298	298
25-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	35.27	AUD	ORD	368	368
25-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	35.35	AUD	ORD	86	86
25-Nov-20	BlackRock Fund Advisors	on mkt buy	35.26	AUD	ORD	9,060	9,060
25-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	784	784
26-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.11	AUD	ORD	1,072	1,072
27-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.99	AUD	ORD	1,340	1,340
30-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,356	-2,356
30-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.44	AUD	ORD	1,340	1,340
30-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.44	AUD	ORD	-4,643	-4,643
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	35.44	AUD	ORD	2,518	2,518
30-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.44	AUD	ORD	-1,051	-1,051
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	35.44	AUD	ORD	-394	-394
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.44	AUD	ORD	-6,555	-6,555
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.44	AUD	ORD	-227	-227
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.44	AUD	ORD	-1,012	-1,012
30-Nov-20	BlackRock Fund Advisors	on mkt sell	35.44	AUD	ORD	-6,020	-6,020
30-Nov-20	BlackRock Fund Advisors	on mkt sell	35.44	AUD	ORD	-557	-557
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.44	AUD	ORD	-1,794	-1,794
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.44	AUD	ORD	-1,032	-1,032
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.44	AUD	ORD	-2,127	-2,127
30-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.44	AUD	ORD	-3,151	-3,151
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	35.44	AUD	ORD	-1,184	-1,184
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.44	AUD	ORD	-19,664	-19,664
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.44	AUD	ORD	-682	-682
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.44	AUD	ORD	-3,034	-3,034
30-Nov-20	BlackRock Fund Advisors	on mkt sell	35.44	AUD	ORD	-18,060	-18,060
30-Nov-20	BlackRock Fund Advisors	on mkt sell	35.44	AUD	ORD	-1,673	-1,673
30-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.44	AUD	ORD	4,840	4,840
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	35.44	AUD	ORD	-5,380	-5,380
01-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.98	AUD	ORD	253	253

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
02-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	35.89	AUD	ORD	116	116
02-Dec-20	BlackRock Investment Management, LLC	on mkt buy	35.95	AUD	ORD	41,532	41,532
02-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.90	AUD	ORD	7,996	7,996
02-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.72	AUD	ORD	670	670
02-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.72	AUD	ORD	78	78
02-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	35.72	AUD	ORD	462	462
02-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.72	AUD	ORD	3,488	3,488
03-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	35.49	AUD	ORD	117	117
03-Dec-20	BlackRock Investment Management, LLC	on mkt buy	35.51	AUD	ORD	290	290
03-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	35.45	AUD	ORD	-8,576	-8,576
04-Dec-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	12,806	12,806
04-Dec-20	BlackRock Investment Management, LLC	on mkt buy	35.83	AUD	ORD	10,626	10,626
04-Dec-20	BlackRock Investment Management, LLC	on mkt buy	35.83	AUD	ORD	14,881	14,881
04-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	35.84	AUD	ORD	107	107
04-Dec-20	BlackRock Investment Management, LLC	on mkt buy	35.79	AUD	ORD	669	669
04-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	35.72	AUD	ORD	154	154
04-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	35.72	AUD	ORD	154	154
04-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	190	190
07-Dec-20	BlackRock Investment Management, LLC	on mkt buy	36.22	AUD	ORD	17,937	17,937
07-Dec-20	BlackRock Investment Management, LLC	on mkt buy	36.22	AUD	ORD	25,121	25,121
07-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.39	AUD	ORD	2,010	2,010
07-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	36.39	AUD	ORD	-1,462	-1,462
07-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	36.39	AUD	ORD	-4,219	-4,219
08-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.96	AUD	ORD	199	199
08-Dec-20	BlackRock Investment Management, LLC	on mkt buy	37.16	AUD	ORD	15,189	15,189
08-Dec-20	BlackRock Investment Management, LLC	on mkt buy	37.16	AUD	ORD	21,270	21,270
08-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.97	AUD	ORD	1,072	1,072
09-Dec-20	BlackRock Investment Management, LLC	on mkt buy	38.04	AUD	ORD	52,642	52,642
09-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	38.08	AUD	ORD	230	230
09-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	37.86	AUD	ORD	514	514
09-Dec-20	BlackRock Investment Management, LLC	on mkt buy	37.80	AUD	ORD	634	634
09-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	37.55	AUD	ORD	156	156
09-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	37.55	AUD	ORD	308	308
10-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.91	AUD	ORD	133	133
11-Dec-20	BlackRock Investment Management, LLC	on mkt buy	36.73	AUD	ORD	18,125	18,125
11-Dec-20	BlackRock Investment Management (UK) Limited	on mkt buy	36.63	AUD	ORD	15,854	15,854
11-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.34	AUD	ORD	126	126
11-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	36.16	AUD	ORD	-653	-653
11-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	36.15	AUD	ORD	-1,774	-1,774

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11-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	36.15	AUD	ORD	-7,551	-7,551
11-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	36.16	AUD	ORD	5,082	5,082
11-Dec-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-19,987	-19,987
14-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	36.13	AUD	ORD	52	52
14-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	36.03	AUD	ORD	166	166
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	36.21	AUD	ORD	1,078	1,078
14-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	36.03	AUD	ORD	-938	-938
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	36.03	AUD	ORD	5,390	5,390
14-Dec-20	BlackRock Fund Advisors	on mkt sell	36.03	AUD	ORD	-11,001	-11,001
15-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.32	AUD	ORD	-812	-812
15-Dec-20	BlackRock Investment Management, LLC	on mkt buy	34.76	AUD	ORD	38,012	38,012
15-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,000	1,000
15-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	200	200
15-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.58	AUD	ORD	-670	-670
15-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	33.58	AUD	ORD	3,850	3,850
15-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	33.58	AUD	ORD	616	616
15-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	33.58	AUD	ORD	-901	-901
15-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	300	300
16-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	33.94	AUD	ORD	224	224
16-Dec-20	BlackRock Investment Management, LLC	on mkt buy	33.97	AUD	ORD	20,636	20,636
16-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.95	AUD	ORD	-6,798	-6,798
16-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	33.93	AUD	ORD	154	154
16-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	33.93	AUD	ORD	616	616
17-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,178	2,178
17-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.92	AUD	ORD	1,548	1,548
17-Dec-20	BlackRock Asset Management Canada Limited	on mkt buy	34.93	AUD	ORD	684	684
17-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.92	AUD	ORD	403	403
17-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.92	AUD	ORD	342	342
17-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	35.00	AUD	ORD	462	462
18-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.70	AUD	ORD	331	331
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.70	AUD	ORD	959	959
18-Dec-20	BlackRock Investment Management, LLC	on mkt buy	34.69	AUD	ORD	313	313
18-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.68	AUD	ORD	462	462
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.68	AUD	ORD	3,747	3,747
18-Dec-20	BlackRock Fund Advisors	on mkt buy	34.68	AUD	ORD	1,517	1,517
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	34.68	AUD	ORD	-2,740	-2,740
18-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.68	AUD	ORD	5,812	5,812
21-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,089	1,089
21-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,106	8,106
21-Dec-20	BlackRock Investment Management, LLC	on mkt buy	34.46	AUD	ORD	21,169	21,169
21-Dec-20	BlackRock Investment Management (UK) Limited	on mkt buy	34.50	AUD	ORD	770	770
21-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.50	AUD	ORD	1,634	1,634
21-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.51	AUD	ORD	155	155
21-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.56	AUD	ORD	308	308
21-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	693	693
22-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.36	AUD	ORD	1,340	1,340



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23-Dec-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	35.10	AUD	ORD	402	402
23-Dec-20	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	35.10	AUD	ORD	2,085	2,085
23-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	74	74
23-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.00	AUD	ORD	405	405
23-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	35.00	AUD	ORD	7,929	7,929
23-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.95	AUD	ORD	4,261	4,261
23-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.95	AUD	ORD	1,278	1,278
23-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	34.95	AUD	ORD	1,258	1,258
23-Dec-20	BlackRock Investment Management (UK) Limited	on mkt buy	35.02	AUD	ORD	60	60
23-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.88	AUD	ORD	670	670
24-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.68	AUD	ORD	2,028	2,028
24-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	34.62	AUD	ORD	154	154
29-Dec-20	BlackRock Investment Management, LLC	on mkt buy	34.35	AUD	ORD	33,016	33,016
29-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	37	37
29-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.35	AUD	ORD	1,850	1,850
30-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,632	4,632
30-Dec-20	BlackRock Investment Management (UK) Limited	on mkt buy	34.09	AUD	ORD	164	164
30-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	34.23	AUD	ORD	-4,491	-4,491
31-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	34.16	AUD	ORD	548	548
31-Dec-20	BlackRock Investment Management, LLC	on mkt buy	34.18	AUD	ORD	22,775	22,775
31-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	33.99	AUD	ORD	670	670
31-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	33.99	AUD	ORD	462	462
31-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.99	AUD	ORD	-1,208	-1,208
31-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	33.99	AUD	ORD	-3,770	-3,770
04-Jan-21	BlackRock Investment Management, LLC	on mkt buy	34.65	AUD	ORD	22,811	22,811
04-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	34.51	AUD	ORD	1,837	1,837
05-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.12	AUD	ORD	440	440
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,312	2,312
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,156	1,156
05-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.02	AUD	ORD	-470	-470
05-Jan-21	BlackRock Asset Management Canada Limited	on mkt sell	34.02	AUD	ORD	-684	-684
05-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	34.02	AUD	ORD	-1,634	-1,634
05-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	34.03	AUD	ORD	804	804
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,734	1,734
06-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	34.00	AUD	ORD	508	508
06-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	33.63	AUD	ORD	-5,802	-5,802
06-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	74	74
06-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.26	AUD	ORD	-742	-742
06-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.26	AUD	ORD	-702	-702
06-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	33.26	AUD	ORD	-630	-630
07-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,905	2,905
07-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,743	1,743

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07-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,162	1,162
07-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	37	37
07-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	31.71	AUD	ORD	402	402
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	31.71	AUD	ORD	154	154
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	31.71	AUD	ORD	462	462
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	31.71	AUD	ORD	-8,149	-8,149
07-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	31.71	AUD	ORD	-5,089	-5,089
08-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	31.51	AUD	ORD	42	42
08-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	222	222
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.44	AUD	ORD	-6,251	-6,251
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	31.24	AUD	ORD	3,618	3,618
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	31.24	AUD	ORD	268	268
08-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	31.24	AUD	ORD	1,218	1,218
11-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,162	1,162
11-Jan-21	BlackRock Investment Management, LLC	on mkt buy	30.70	AUD	ORD	40,709	40,709
11-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.78	AUD	ORD	-8,177	-8,177
11-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	148	148
12-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,810	5,810
12-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-339	-339
12-Jan-21	BlackRock Investment Management, LLC	on mkt buy	30.13	AUD	ORD	565	565
12-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,162	1,162
13-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	28.43	AUD	ORD	-9,986	-9,986
13-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	28.43	AUD	ORD	-223	-223
13-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	28.43	AUD	ORD	-7,815	-7,815
13-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	28.26	AUD	ORD	-1,031	-1,031
13-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	28.26	AUD	ORD	9,548	9,548
14-Jan-21	BlackRock Investment Management, LLC	on mkt buy	28.52	AUD	ORD	27,903	27,903
14-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	28.49	AUD	ORD	-2,660	-2,660
14-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	28.47	AUD	ORD	-373	-373
14-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	28.47	AUD	ORD	-505	-505
14-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	28.47	AUD	ORD	-478	-478
14-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	28.44	AUD	ORD	154	154
14-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	28.44	AUD	ORD	308	308
14-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	28.44	AUD	ORD	4,592	4,592
15-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	28.22	AUD	ORD	462	462
15-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	28.22	AUD	ORD	-3,009	-3,009
15-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	412	412
18-Jan-21	BlackRock Investment Management, LLC	on mkt buy	28.33	AUD	ORD	66,268	66,268
18-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	28.18	AUD	ORD	-361	-361
19-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	28.72	AUD	ORD	-734	-734
19-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	412	412
20-Jan-21	BlackRock Investment Management, LLC	on mkt buy	29.46	AUD	ORD	33,871	33,871
20-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	29.33	AUD	ORD	-711	-711
20-Jan-21	BlackRock Advisors (UK) Limited	on mkt sell	29.33	AUD	ORD	-769	-769
20-Jan-21	BlackRock Investment Management, LLC	on mkt sell	29.33	AUD	ORD	-634	-634

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20-Jan-21	BlackRock Investment Management, LLC	on mkt sell	29.33	AUD	ORD	-673	-673
20-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	29.30	AUD	ORD	-1,313	-1,313
20-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	29.41	AUD	ORD	-262	-262
20-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	29.30	AUD	ORD	-3,868	-3,868
20-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	29.27	AUD	ORD	-67	-67
20-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	29.20	AUD	ORD	14,715	14,715
21-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	29.44	AUD	ORD	-949	-949
21-Jan-21	BlackRock Investment Management, LLC	on mkt buy	29.25	AUD	ORD	52,599	52,599
21-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	29.23	AUD	ORD	154	154
21-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	29.23	AUD	ORD	-4,417	-4,417
21-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	226	226
22-Jan-21	BlackRock Investment Management, LLC	on mkt buy	29.57	AUD	ORD	8,599	8,599
22-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	520	520
22-Jan-21	BlackRock Investment Management, LLC	on mkt buy	29.53	AUD	ORD	62,823	62,823
22-Jan-21	BlackRock Investment Management (UK) Limited	on mkt sell	29.23	AUD	ORD	-13,403	-13,403
22-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	29.23	AUD	ORD	-9,106	-9,106
25-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	29.62	AUD	ORD	-5,244	-5,244
25-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	840	840
26-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,740	1,740
26-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,640	4,640
27-Jan-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-10,505	-10,505
27-Jan-21	BlackRock Investment Management, LLC	on mkt buy	30.42	AUD	ORD	36,420	36,420
27-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	417	417
27-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	74	74
27-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.49	AUD	ORD	-8,436	-8,436
27-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.50	AUD	ORD	-5,423	-5,423
27-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.50	AUD	ORD	-386	-386
27-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.50	AUD	ORD	-7,705	-7,705
28-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	417	417
28-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	37	37
28-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.22	AUD	ORD	-3,424	-3,424
28-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	29.96	AUD	ORD	154	154
28-Jan-21	BlackRock Fund Advisors	on mkt buy	29.96	AUD	ORD	8,641	8,641
29-Jan-21	BlackRock Investment Management (UK) Limited	on mkt sell	30.85	AUD	ORD	-74	-74
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.80	AUD	ORD	-1,208	-1,208
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.80	AUD	ORD	-856	-856
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.80	AUD	ORD	-942	-942
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.74	AUD	ORD	-13,853	-13,853
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.74	AUD	ORD	5,111	5,111
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.74	AUD	ORD	-1,638	-1,638
01-Feb-21	BlackRock Investment Management, LLC	on mkt buy	30.72	AUD	ORD	36,172	36,172
02-Feb-21	BlackRock Investment Management, LLC	on mkt buy	30.91	AUD	ORD	56,068	56,068

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02-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.87	AUD	ORD	-415	-415
02-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.87	AUD	ORD	-8,154	-8,154
02-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.86	AUD	ORD	-102	-102
02-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	31.02	AUD	ORD	154	154
02-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	31.02	AUD	ORD	308	308
03-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	455	455
03-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,558	3,558
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.17	AUD	ORD	-11,804	-11,804
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.17	AUD	ORD	-973	-973
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	31.17	AUD	ORD	-16,614	-16,614
03-Feb-21	BlackRock Japan Co., Ltd.	on mkt buy	31.10	AUD	ORD	1,621	1,621
03-Feb-21	BlackRock Japan Co., Ltd.	on mkt buy	31.10	AUD	ORD	1,696	1,696
03-Feb-21	BlackRock Japan Co., Ltd.	on mkt buy	31.10	AUD	ORD	482	482
03-Feb-21	BlackRock Investment Management (UK) Limited	on mkt buy	31.20	AUD	ORD	228	228
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	30.95	AUD	ORD	3,752	3,752
03-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	30.95	AUD	ORD	308	308
03-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.95	AUD	ORD	-3,053	-3,053
04-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.89	AUD	ORD	807	807
04-Feb-21	BlackRock Investment Management, LLC	on mkt buy	30.88	AUD	ORD	60,583	60,583
04-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.80	AUD	ORD	-6,646	-6,646
04-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	30.65	AUD	ORD	166	166
05-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.88	AUD	ORD	644	644
05-Feb-21	BlackRock Investment Management, LLC	on mkt buy	31.23	AUD	ORD	3,496	3,496
05-Feb-21	BlackRock Investment Management, LLC	on mkt buy	31.12	AUD	ORD	12,142	12,142
05-Feb-21	BlackRock Investment Management, LLC	on mkt buy	31.13	AUD	ORD	25,888	25,888
05-Feb-21	BlackRock Investment Management (UK) Limited	on mkt sell	30.70	AUD	ORD	-29	-29
05-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.64	AUD	ORD	-752	-752
05-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.64	AUD	ORD	-226	-226
05-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.64	AUD	ORD	-180	-180
05-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.69	AUD	ORD	-1,794	-1,794
05-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	30.69	AUD	ORD	536	536
08-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	31.00	AUD	ORD	836	836
08-Feb-21	BlackRock Investment Management, LLC	on mkt buy	31.01	AUD	ORD	46,500	46,500
08-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	91	91
09-Feb-21	BlackRock Investment Management, LLC	on mkt buy	30.76	AUD	ORD	17,092	17,092
09-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,186	1,186
09-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.27	AUD	ORD	-8,319	-8,319
09-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.39	AUD	ORD	95	95
09-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.22	AUD	ORD	2,173	2,173
09-Feb-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	29.99	AUD	ORD	12,782	12,782
10-Feb-21	BlackRock Investment Management, LLC	on mkt buy	30.80	AUD	ORD	56,045	56,045

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10-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.73	AUD	ORD	-12,001	-12,001
10-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.73	AUD	ORD	-1,056	-1,056
10-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.73	AUD	ORD	-18,151	-18,151
10-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	420	420
10-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.66	AUD	ORD	285	285
10-Feb-21	BlackRock Investment Management, LLC	on mkt buy	30.77	AUD	ORD	934	934
10-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-1,295	-1,295
10-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-405	-405
10-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.89	AUD	ORD	-378	-378
10-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	30.99	AUD	ORD	-1,357	-1,357
11-Feb-21	BlackRock Investment Management, LLC	on mkt buy	30.65	AUD	ORD	11,552	11,552
11-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.49	AUD	ORD	-6,434	-6,434
11-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.52	AUD	ORD	1,533	1,533
11-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.49	AUD	ORD	972	972
11-Feb-21	BLACKROCK ADVISORS, LLC	on mkt buy	30.49	AUD	ORD	3,289	3,289
11-Feb-21	BlackRock Investment Management (UK) Limited	on mkt buy	30.52	AUD	ORD	611	611
11-Feb-21	BLACKROCK ADVISORS, LLC	on mkt buy	30.49	AUD	ORD	1,238	1,238
11-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.49	AUD	ORD	12,409	12,409
11-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.49	AUD	ORD	2,237	2,237
11-Feb-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	30.49	AUD	ORD	666	666
11-Feb-21	BlackRock Investment Management (UK) Limited	on mkt buy	30.52	AUD	ORD	865	865
11-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	30.49	AUD	ORD	1,065	1,065
11-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	30.49	AUD	ORD	3,081	3,081
11-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.49	AUD	ORD	7,203	7,203
11-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.49	AUD	ORD	7,322	7,322
11-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.53	AUD	ORD	42	42
11-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	30.51	AUD	ORD	308	308
12-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.69	AUD	ORD	2,454	2,454
12-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,184	1,184
12-Feb-21	BLACKROCK ADVISORS, LLC	on mkt buy	30.67	AUD	ORD	1,369	1,369
12-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.67	AUD	ORD	4,054	4,054
12-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.67	AUD	ORD	651	651
12-Feb-21	BlackRock Asset Management Canada Limited	on mkt buy	30.67	AUD	ORD	1,307	1,307
12-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.67	AUD	ORD	3,711	3,711
12-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	30.67	AUD	ORD	3,657	3,657
12-Feb-21	BlackRock Investment Management, LLC	on mkt buy	30.65	AUD	ORD	41,776	41,776
12-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	30.66	AUD	ORD	154	154
12-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	30.66	AUD	ORD	-6,931	-6,931
15-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	29.76	AUD	ORD	1,743	1,743
15-Feb-21	BlackRock Investment Management, LLC	on mkt buy	30.38	AUD	ORD	18,979	18,979

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
15-Feb-21	BlackRock Investment Management, LLC	on mkt buy	30.04	AUD	ORD	76,631	76,631

Haley Harris,  
Authorised Signatory

17-Feb-21  
Date

4. Details of present registered holders

Holder of Relevant Interests	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	Nature of Association	
BlackRock (Netherlands) B.V.	SSB-STATE STREET LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	15,285	15,285	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	91,656	91,656	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	977	977	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	SSB-STATE STREET DUBLIN		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	51,402	51,402	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	STATE STREET BANK, MUNICH, ZURICH BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	15,356	15,356	Subsidiary of BlackRock, Inc.
BLACKROCK ADVISORS, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,674,369	1,674,369	Subsidiary of BlackRock, Inc.
BLACKROCK ADVISORS, LLC	SSB-STATE STREET MUTUAL FUNDS - BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,049,528	1,049,528	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	BNYM-CIBC MELLON GLOBAL SECURITIES - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	5,453	5,453	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	23,868	23,868	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	159	159	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,137	2,137	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	NT-NORTHERN TRUST CO. - CHICAGO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	44,921	44,921	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	12,782	12,782	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	18,445	18,445	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,241,524	1,241,524	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	41,207	41,207	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	4,177	4,177	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,643	1,643	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	CS-CREDIT SUISSE PRIME BROKERAGE - ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	7,119	7,119	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	788,388	788,388	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	MS-MORGAN STANLEY & CO INC		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	686	686	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	38,113	38,113	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	268	268	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,554	2,554	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	HSBC-HSBC SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	213,732	213,732	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	431,638	431,638	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	467,712	467,712	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	78,068	78,068	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	SSB-STATE STREET AUSTRALIA		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	5,846	5,846	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	UBS- UBS- ZURICH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	7,979	7,979	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNP-BNP Paribas Milan		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,704	1,704	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BANK OF NY BRUS		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	538,385	538,385	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	50,789	50,789	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CITI-CITIBANK INTERNATIONAL PLC (LUXEMBOURG BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	11,057	11,057	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CITI-CITIBANK, LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	55,917	55,917	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC-HSBC - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	90,698	90,698	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	101	101	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	84,823	84,823	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SEB LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	16,362	16,362	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SEB-SKANDINAVISKA ENSKILDA BANKEN		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	320,272	320,272	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	207	207	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,518	2,518	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,874,536	3,874,536	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	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	Nature of Association	
BlackRock Investment Management, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	51,051	51,051	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	5,568	5,568	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	482	482	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	MITSUI-SUMITOMO TRUST		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,317	3,317	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	ORD	7,136	7,136	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as responsible entity.	ORD	490,547	490,547	Subsidiary of BlackRock, Inc.



This is Annexure C of 1 page referred to in form 604 Notice of change of interests of substantial shareholder

Haley Harris,  
Authorised Signatory

17-Feb-21  
Date

7. Addresses

The addresses of persons named in this form are as follows:

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Financial Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Investment Management (Australia) Limited	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)