

Form 604Corporations Act 2001
Section 671B**Notice of change of interests of substantial holder**To Company Name/Scheme NICKEL MINES LTDACN/ARSN 127 510 589**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 27 / 04 / 2022The previous notice was given to the company on 16 / 07 / 2021The previous notice was dated 14 / 07 / 2021**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	195,525,198	7.77	171,710,603	6.54

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 Maria Tricarico

capacity *Authorised Signatory

sign here

date 29 / 04 / 2022

* 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 15 pages referred to in form 604 Notice of change of interests of substantial shareholder

29-Apr-22

Maria Tricarico,
 Authorised Signatory

Date

5. Consideration

NICKEL MINES LIMITED (NIC)							
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-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	1.09	AUD	ORD	11,480	11,480
15-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	1.09	AUD	ORD	648,991	648,991
15-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	1.09	AUD	ORD	130,953	130,953
15-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	1.09	AUD	ORD	5,598	5,598
15-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	1.09	AUD	ORD	316,528	316,528
15-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	1.09	AUD	ORD	63,869	63,869
15-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.10	AUD	ORD	12,970	12,970
15-Jul-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-50,095	-50,095
16-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	1.09	AUD	ORD	14,333	14,333
16-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	1.09	AUD	ORD	810,286	810,286
16-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	1.09	AUD	ORD	163,499	163,499
16-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.11	AUD	ORD	8,644	8,644
16-Jul-21	BlackRock Fund Advisors	on mkt sell	1.11	AUD	ORD	-28,816	-28,816
16-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	1.11	AUD	ORD	-93,440	-93,440
16-Jul-21	BlackRock Investment Management (UK) Limited	on mkt buy	1.11	AUD	ORD	100,749	100,749
16-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	24,060	24,060
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,454	-14,454
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,090	-24,090
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-43,362	-43,362
19-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,908	-28,908
19-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	1.05	AUD	ORD	-37,120	-37,120
20-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,866	-28,866
20-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,910	7,910
20-Jul-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.00	AUD	ORD	-1,129,508	-1,129,508
20-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	0.99	AUD	ORD	-43,520	-43,520
20-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	30,058	30,058
21-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.02	AUD	ORD	17,288	17,288
21-Jul-21	BlackRock Advisors (UK) Limited	on mkt sell	1.01	AUD	ORD	-38,400	-38,400
21-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	1.02	AUD	ORD	-142,372	-142,372
22-Jul-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-289,805	-289,805
22-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt sell	1.08	AUD	ORD	-8,644	-8,644
22-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.08	AUD	ORD	112,093	112,093
22-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,364	-9,364
28-Jul-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	25,905	25,905
28-Jul-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-88,427	-88,427
29-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.11	AUD	ORD	3,214	3,214
29-Jul-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-86,069	-86,069

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
30-Jul-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.10	AUD	ORD	8,644	8,644
30-Jul-21	BlackRock Institutional Trust Company, National Association	on mkt buy	1.10	AUD	ORD	278,113	278,113
30-Jul-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-36,295	-36,295
02-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,840	15,840
02-Aug-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-101,796	-101,796
03-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	1.11	AUD	ORD	-46,880	-46,880
03-Aug-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-87,215	-87,215
04-Aug-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-21,627	-21,627
05-Aug-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-29,249	-29,249
06-Aug-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-27,827	-27,827
09-Aug-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-42,489	-42,489
10-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,048	-16,048
10-Aug-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-71,359	-71,359
11-Aug-21	BlackRock Fund Advisors	on mkt sell	1.08	AUD	ORD	-15,397	-15,397
11-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.07	AUD	ORD	15,323	15,323
11-Aug-21	BlackRock Institutional Trust Company, National Association	on mkt sell	1.07	AUD	ORD	-23,273	-23,273
11-Aug-21	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-32,171	-32,171
12-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,780	-19,780
12-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.10	AUD	ORD	17,436	17,436
13-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.11	AUD	ORD	4,821	4,821
13-Aug-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	215,341	215,341
16-Aug-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	216,263	216,263
16-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.05	AUD	ORD	8,790	8,790
17-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	19,884	19,884
17-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,335	10,335
17-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	1.03	AUD	ORD	-20,510	-20,510
17-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.03	AUD	ORD	8,644	8,644
17-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	19,884	19,884
18-Aug-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	423,556	423,556
18-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	70,290	70,290
18-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.04	AUD	ORD	54,510	54,510
18-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.04	AUD	ORD	32,926	32,926
19-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,846	-13,846
19-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,890	-9,890
19-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,080	10,080
19-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	50,400	50,400
19-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	25,200	25,200
19-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.01	AUD	ORD	16,115	16,115
19-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	1.01	AUD	ORD	-8,960	-8,960
20-Aug-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-39,560	-39,560
20-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	0.98	AUD	ORD	-23,799	-23,799
20-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell	0.98	AUD	ORD	-32,926	-32,926
20-Aug-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.00	AUD	ORD	-78,421	-78,421

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
20-Aug-21	BlackRock Investment Management (UK) Limited	on mkt sell 0.98	AUD	ORD -781,737	-781,737
20-Aug-21	BlackRock Investment Management (UK) Limited	on mkt sell 0.95	AUD	ORD -1,143,943	-1,143,943
23-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.00	AUD	ORD 1,607	1,607
24-Aug-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD -4,600	-4,600
25-Aug-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD 9,390	9,390
25-Aug-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD 18,780	18,780
25-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell 1.04	AUD	ORD -46,855	-46,855
25-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.06	AUD	ORD 20,891	20,891
25-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.06	AUD	ORD 19,045	19,045
25-Aug-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD 9,390	9,390
25-Aug-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD 117,375	117,375
26-Aug-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD 7,970	7,970
26-Aug-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD -19,780	-19,780
26-Aug-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD -7,912	-7,912
26-Aug-21	BLACKROCK ADVISORS LLC	on mkt buy 1.09	AUD	ORD 50,843	50,843
26-Aug-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy 1.09	AUD	ORD 5,095	5,095
26-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt sell 1.03	AUD	ORD -8,790	-8,790
27-Aug-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD 24,780	24,780
27-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.00	AUD	ORD 29,300	29,300
27-Aug-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD 89,208	89,208
30-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.03	AUD	ORD 8,644	8,644
30-Aug-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD 59,952	59,952
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.02	AUD	ORD 8,644	8,644
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.02	AUD	ORD 8,644	8,644
31-Aug-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.02	AUD	ORD 4,395	4,395
31-Aug-21	BlackRock Fund Advisors	on mkt buy 1.02	AUD	ORD 129,864	129,864
31-Aug-21	BlackRock Fund Advisors	on mkt sell 1.02	AUD	ORD -25,220	-25,220
01-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell 1.00	AUD	ORD -7,655	-7,655
02-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.01	AUD	ORD 3,214	3,214
02-Sep-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD 10,224	10,224
03-Sep-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD 10,160	10,160
03-Sep-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD 50,800	50,800
06-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.03	AUD	ORD 17,580	17,580
06-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.03	AUD	ORD 131,850	131,850
07-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.03	AUD	ORD 93,760	93,760
08-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.00	AUD	ORD 16,115	16,115
09-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.00	AUD	ORD 130,385	130,385
10-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.08	AUD	ORD 20,510	20,510
10-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell 1.08	AUD	ORD -209,495	-209,495
10-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell 1.08	AUD	ORD -1,465	-1,465
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.09	AUD	ORD 4,821	4,821
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.09	AUD	ORD 205,990	205,990
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.09	AUD	ORD 497,811	497,811
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.09	AUD	ORD 420,759	420,759
17-Sep-21	BlackRock Investment Management, LLC	on mkt buy 1.09	AUD	ORD 124,210	124,210

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
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	30,096	30,096
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	587,358	587,358
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	106,232	106,232
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	119,246	119,246
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	254,785	254,785
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	146,959	146,959
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	313,268	313,268
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	165,937	165,937
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	140,253	140,253
17-Sep-21	BlackRock Investment Management, LLC	on mkt buy	1.09	AUD	ORD	41,403	41,403
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	10,033	10,033
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	195,786	195,786
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	35,410	35,410
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	39,748	39,748
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	84,928	84,928
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	48,986	48,986
17-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	104,423	104,423
21-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,852	-3,852
21-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	0.95	AUD	ORD	-51,498	-51,498
22-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	20,468	20,468
23-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,170	10,170
24-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt buy	0.95	AUD	ORD	10,287	10,287
27-Sep-21	BlackRock Fund Advisors	on mkt buy	0.96	AUD	ORD	19,320	19,320
28-Sep-21	BlackRock Fund Advisors	on mkt buy	0.97	AUD	ORD	30,912	30,912
29-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	0.91	AUD	ORD	-657,693	-657,693
30-Sep-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,555	15,555
30-Sep-21	BlackRock Investment Management (Australia) Limited	on mkt sell	0.94	AUD	ORD	-118,247	-118,247
30-Sep-21	BlackRock Institutional Trust Company, National Association	on mkt sell	0.94	AUD	ORD	-43,503	-43,503
01-Oct-21	BLACKROCK ADVISORS LLC	on mkt buy	0.94	AUD	ORD	367,568	367,568
01-Oct-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	0.94	AUD	ORD	29,247	29,247
01-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	0.91	AUD	ORD	4,821	4,821
01-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	0.91	AUD	ORD	18,860	18,860
04-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,992	12,992
04-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,736	22,736
05-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,720	9,720
05-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,820	17,820
05-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,150	12,150
06-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	0.89	AUD	ORD	15,088	15,088
07-Oct-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-157,626	-157,626
08-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	0.94	AUD	ORD	16,974	16,974
12-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,060	-4,060
12-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	52,780	52,780
12-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	0.94	AUD	ORD	35,701	35,701

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13-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	0.94	AUD	ORD	15,032	15,032
15-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	0.99	AUD	ORD	4,821	4,821
18-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	1.04	AUD	ORD	1,280	1,280
18-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.04	AUD	ORD	59,192	59,192
19-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	21,978	21,978
20-Oct-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	1.07	AUD	ORD	-2,029	-2,029
20-Oct-21	BlackRock Advisors (UK) Limited	on mkt buy	1.05	AUD	ORD	1,280	1,280
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,932	8,932
21-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	40,432	40,432
26-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.07	AUD	ORD	10,287	10,287
26-Oct-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,732	9,732
27-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.09	AUD	ORD	3,752	3,752
29-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.05	AUD	ORD	3,214	3,214
29-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.05	AUD	ORD	24,388	24,388
29-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.05	AUD	ORD	7,504	7,504
29-Oct-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.05	AUD	ORD	220,927	220,927
29-Oct-21	BlackRock Institutional Trust Company, National Association	on mkt buy	1.05	AUD	ORD	16,912	16,912
01-Nov-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	1.05	AUD	ORD	-16,933	-16,933
02-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	24,420	24,420
03-Nov-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	1,348,867	1,348,867
03-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.04	AUD	ORD	39,396	39,396
03-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.04	AUD	ORD	1,607	1,607
05-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,390	-26,390
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.02	AUD	ORD	37,520	37,520
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.02	AUD	ORD	22,512	22,512
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.02	AUD	ORD	3,752	3,752
05-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.02	AUD	ORD	1,607	1,607
08-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,171	15,171
08-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,060	-4,060
08-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	1.00	AUD	ORD	2,560	2,560
09-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	45,819	45,819
10-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.02	AUD	ORD	1,607	1,607
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,122	10,122
10-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,400	16,400
15-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,476	3,476
15-Nov-21	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	13,762	13,762
17-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	1.16	AUD	ORD	1,280	1,280
17-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	1.16	AUD	ORD	2,560	2,560
18-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.17	AUD	ORD	1,607	1,607
18-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,614	7,614
18-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,090	-6,090
18-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.17	AUD	ORD	1,607	1,607
19-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.19	AUD	ORD	18,760	18,760
19-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	1.19	AUD	ORD	3,840	3,840
19-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,730	26,730
22-Nov-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,708	9,708
22-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt sell	1.29	AUD	ORD	-57,669	-57,669

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-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.32	AUD	ORD	1,876	1,876
23-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.32	AUD	ORD	28,140	28,140
24-Nov-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-120,442	-120,442
24-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.32	AUD	ORD	55,242	55,242
24-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.32	AUD	ORD	18,760	18,760
24-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.32	AUD	ORD	6,428	6,428
26-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.40	AUD	ORD	7,504	7,504
26-Nov-21	BlackRock Advisors (UK) Limited	on mkt buy	1.40	AUD	ORD	1,280	1,280
29-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.39	AUD	ORD	22,512	22,512
29-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.39	AUD	ORD	15,355	15,355
30-Nov-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.42	AUD	ORD	9,380	9,380
30-Nov-21	BlackRock Institutional Trust Company, National Association	on mkt sell	1.42	AUD	ORD	-35,668	-35,668
30-Nov-21	BlackRock Fund Advisors	on mkt sell	1.42	AUD	ORD	-81,367	-81,367
30-Nov-21	BlackRock Fund Advisors	on mkt buy	1.42	AUD	ORD	283,551	283,551
30-Nov-21	BlackRock Fund Advisors	on mkt sell	1.42	AUD	ORD	-14,181	-14,181
01-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.42	AUD	ORD	69,754	69,754
01-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.42	AUD	ORD	186,253	186,253
01-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.42	AUD	ORD	68,729	68,729
02-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	1.38	AUD	ORD	-56,280	-56,280
02-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	1.38	AUD	ORD	1,280	1,280
03-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.41	AUD	ORD	38,950	38,950
03-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.41	AUD	ORD	88,081	88,081
03-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.41	AUD	ORD	9,488	9,488
03-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	1.41	AUD	ORD	980	980
03-Dec-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-41,911	-41,911
06-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,696	-3,696
06-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.40	AUD	ORD	10,462	10,462
06-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.40	AUD	ORD	150,080	150,080
07-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell	1.35	AUD	ORD	-28,600	-28,600
07-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.35	AUD	ORD	-23,133	-23,133
07-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.35	AUD	ORD	-1,184,816	-1,184,816
07-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.35	AUD	ORD	-263,359	-263,359
07-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	1.35	AUD	ORD	-2,074	-2,074
07-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.34	AUD	ORD	159,460	159,460
07-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy	1.34	AUD	ORD	2,560	2,560
07-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	1.34	AUD	ORD	12,706	12,706
08-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell	1.36	AUD	ORD	-51,298	-51,298
08-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.36	AUD	ORD	-41,492	-41,492
08-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.36	AUD	ORD	-2,125,088	-2,125,088
08-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.36	AUD	ORD	-472,363	-472,363
08-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	1.36	AUD	ORD	-3,720	-3,720

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08-Dec-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-121,809	-121,809
09-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell	1.36	AUD	ORD	-19,328	-19,328
09-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.36	AUD	ORD	-15,634	-15,634
09-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.36	AUD	ORD	-800,722	-800,722
09-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.36	AUD	ORD	-177,984	-177,984
09-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	1.36	AUD	ORD	-1,402	-1,402
09-Dec-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,444	2,444
10-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.36	AUD	ORD	323,609	323,609
10-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell	1.35	AUD	ORD	-76,296	-76,296
10-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.35	AUD	ORD	-61,711	-61,711
10-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.35	AUD	ORD	-3,160,602	-3,160,602
10-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.35	AUD	ORD	-702,536	-702,536
10-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	1.35	AUD	ORD	-5,534	-5,534
13-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell	1.36	AUD	ORD	-22,187	-22,187
13-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.36	AUD	ORD	-17,946	-17,946
13-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.36	AUD	ORD	-919,149	-919,149
13-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.36	AUD	ORD	-204,308	-204,308
13-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	1.36	AUD	ORD	-1,609	-1,609
13-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt sell	1.36	AUD	ORD	-52,528	-52,528
13-Dec-21	BlackRock Fund Advisors	on mkt sell	1.36	AUD	ORD	-59,658	-59,658
14-Dec-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-207,554	-207,554
14-Dec-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-236,557	-236,557
14-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell	1.37	AUD	ORD	-13,991	-13,991
14-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.37	AUD	ORD	-11,316	-11,316
14-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.37	AUD	ORD	-579,597	-579,597
14-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.37	AUD	ORD	-128,832	-128,832
14-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	1.37	AUD	ORD	-1,015	-1,015
14-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell	1.37	AUD	ORD	-13,777	-13,777
14-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.37	AUD	ORD	-11,144	-11,144
14-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.37	AUD	ORD	-570,776	-570,776
14-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.37	AUD	ORD	-126,869	-126,869
14-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	1.37	AUD	ORD	-998	-998
14-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.37	AUD	ORD	6,428	6,428
14-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt sell	1.37	AUD	ORD	-41,076	-41,076
15-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell	1.36	AUD	ORD	-23,639	-23,639
15-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.36	AUD	ORD	-19,120	-19,120
15-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.36	AUD	ORD	-979,288	-979,288
15-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell	1.36	AUD	ORD	-217,675	-217,675
15-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	1.36	AUD	ORD	-1,715	-1,715
15-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.36	AUD	ORD	40,389	40,389

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15-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.36	AUD	ORD 142,280	142,280
15-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.36	AUD	ORD 210,177	210,177
15-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.35	AUD	ORD 10,462	10,462
16-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell 1.34	AUD	ORD -24,840	-24,840
16-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.34	AUD	ORD -20,092	-20,092
16-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.34	AUD	ORD -1,029,028	-1,029,028
16-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.34	AUD	ORD -228,731	-228,731
16-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell 1.34	AUD	ORD -1,802	-1,802
17-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell 1.36	AUD	ORD -62,952	-62,952
17-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.36	AUD	ORD -50,919	-50,919
17-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.36	AUD	ORD -2,607,812	-2,607,812
17-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.36	AUD	ORD -579,665	-579,665
17-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell 1.36	AUD	ORD -4,567	-4,567
17-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.37	AUD	ORD 1,754	1,754
17-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.37	AUD	ORD 16,794	16,794
20-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell 1.34	AUD	ORD -3,533	-3,533
20-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.34	AUD	ORD -2,858	-2,858
20-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.34	AUD	ORD -146,374	-146,374
20-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.34	AUD	ORD -32,536	-32,536
20-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell 1.34	AUD	ORD -256	-256
20-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell 1.33	AUD	ORD -18,164	-18,164
20-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.33	AUD	ORD -14,692	-14,692
20-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.33	AUD	ORD -752,491	-752,491
20-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.33	AUD	ORD -167,262	-167,262
20-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell 1.33	AUD	ORD -1,318	-1,318
21-Dec-21	BLACKROCK ADVISORS LLC	on mkt sell 1.31	AUD	ORD -38,183	-38,183
21-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.31	AUD	ORD -30,883	-30,883
21-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.31	AUD	ORD -1,581,474	-1,581,474
21-Dec-21	BlackRock Investment Management (UK) Limited	on mkt sell 1.31	AUD	ORD -351,534	-351,534
21-Dec-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell 1.31	AUD	ORD -2,773	-2,773
22-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.37	AUD	ORD 28,856	28,856
22-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.37	AUD	ORD 215,916	215,916
22-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.37	AUD	ORD 109,234	109,234
22-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.37	AUD	ORD 459,774	459,774
22-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.38	AUD	ORD 1,607	1,607
22-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.37	AUD	ORD 193,484	193,484
23-Dec-21	BlackRock Fund Advisors	in specie n/a	AUD	ORD 9,592	9,592
23-Dec-21	BlackRock Advisors (UK) Limited	on mkt buy 1.44	AUD	ORD 2,560	2,560
29-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.46	AUD	ORD 117,344	117,344
29-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy 1.46	AUD	ORD 380,019	380,019

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29-Dec-21	BlackRock Investment Management (Australia) Limited	on mkt buy	1.45	AUD	ORD	5,628	5,628
30-Dec-21	BlackRock Institutional Trust Company, National Association	on mkt buy	1.44	AUD	ORD	23,805	23,805
04-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.46	AUD	ORD	26,264	26,264
05-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.46	AUD	ORD	12,299	12,299
05-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,515	7,515
05-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	1.44	AUD	ORD	2,560	2,560
05-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.44	AUD	ORD	-10,779	-10,779
06-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.42	AUD	ORD	-412,720	-412,720
06-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.42	AUD	ORD	-39,396	-39,396
06-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	1.42	AUD	ORD	1,280	1,280
07-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	1.44	AUD	ORD	26,712	26,712
07-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,645	3,645
07-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.42	AUD	ORD	-60,112	-60,112
12-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.54	AUD	ORD	-12,647	-12,647
12-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.54	AUD	ORD	-187,629	-187,629
13-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	1.63	AUD	ORD	2,560	2,560
14-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.62	AUD	ORD	-26,231	-26,231
14-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.62	AUD	ORD	-133,824	-133,824
14-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.62	AUD	ORD	-162,725	-162,725
18-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	30,064	30,064
18-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	1.62	AUD	ORD	723,952	723,952
18-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	1.64	AUD	ORD	857,793	857,793
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	1.61	AUD	ORD	1,280	1,280
18-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	25,410	25,410
19-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.60	AUD	ORD	-52,154	-52,154
19-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.60	AUD	ORD	-332,051	-332,051
19-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.60	AUD	ORD	-239,366	-239,366
20-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,516	7,516
21-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.52	AUD	ORD	-327,504	-327,504
21-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,516	7,516
24-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.50	AUD	ORD	-11,244	-11,244
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,274	11,274
25-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.43	AUD	ORD	-163,742	-163,742
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	25,080	25,080
27-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.44	AUD	ORD	-292,635	-292,635
27-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,153	13,153
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	1.45	AUD	ORD	2,560	2,560
27-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,520	11,520
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.44	AUD	ORD	24,836	24,836
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.44	AUD	ORD	84,176	84,176
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.44	AUD	ORD	24,836	24,836
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.44	AUD	ORD	24,836	24,836
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.44	AUD	ORD	73,654	73,654
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.44	AUD	ORD	31,566	31,566

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28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.44	AUD	ORD 7,096	7,096
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.44	AUD	ORD -187,231	-187,231
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.44	AUD	ORD -72,487	-72,487
28-Jan-22	BlackRock Investment Management, LLC	on mkt sell 1.44	AUD	ORD -29,049	-29,049
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.44	AUD	ORD -5,149	-5,149
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.44	AUD	ORD -62,354	-62,354
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.44	AUD	ORD -193,950	-193,950
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.44	AUD	ORD -46,173	-46,173
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.44	AUD	ORD -103,203	-103,203
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.44	AUD	ORD -72,371	-72,371
28-Jan-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD 33,920	33,920
31-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.43	AUD	ORD 44,350	44,350
31-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy 1.43	AUD	ORD 14,025	14,025
02-Feb-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD 7,516	7,516
02-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.47	AUD	ORD 41,344	41,344
02-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.47	AUD	ORD 139,778	139,778
02-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.47	AUD	ORD 179,689	179,689
02-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.47	AUD	ORD -14,192	-14,192
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy 1.47	AUD	ORD 1,280	1,280
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy 1.47	AUD	ORD 3,840	3,840
02-Feb-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD 16,080	16,080
03-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy 1.42	AUD	ORD 1,280	1,280
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.43	AUD	ORD 30,158	30,158
04-Feb-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD 45,096	45,096
04-Feb-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD 5,637	5,637
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.41	AUD	ORD 39,364	39,364
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.41	AUD	ORD 76,749	76,749
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.41	AUD	ORD 14,310	14,310
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.43	AUD	ORD 23,799	23,799
04-Feb-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD 15,500	15,500
07-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.46	AUD	ORD 89,308	89,308
08-Feb-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD 9,395	9,395
08-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.46	AUD	ORD 117,084	117,084
08-Feb-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD 15,884	15,884
09-Feb-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD 7,516	7,516
09-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.46	AUD	ORD 23,062	23,062
10-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.41	AUD	ORD 14,044	14,044
10-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy 1.41	AUD	ORD 1,280	1,280
10-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.44	AUD	ORD -39,028	-39,028
10-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.44	AUD	ORD -42,576	-42,576
11-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell 1.43	AUD	ORD -281,506	-281,506
11-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell 1.43	AUD	ORD -350,755	-350,755
11-Feb-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD 13,013	13,013

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
11-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.43	AUD	ORD	-42,572	-42,572
11-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	1.43	AUD	ORD	1,280	1,280
14-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,577	5,577
14-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.41	AUD	ORD	5,322	5,322
15-Feb-22	BlackRock Investment Management (UK) Limited	Placement	1.37	AUD	ORD	1,308,117	1,308,117
15-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	Placement	1.37	AUD	ORD	104,853	104,853
15-Feb-22	BlackRock Institutional Trust Company, National Association	Placement	1.37	AUD	ORD	465,818	465,818
15-Feb-22	BlackRock Institutional Trust Company, National Association	Placement	1.37	AUD	ORD	368,076	368,076
15-Feb-22	BLACKROCK ADVISORS LLC	Placement	1.37	AUD	ORD	1,109,570	1,109,570
15-Feb-22	BlackRock Investment Management (UK) Limited	Placement	1.37	AUD	ORD	82,171	82,171
15-Feb-22	BlackRock Investment Management (UK) Limited	Placement	1.37	AUD	ORD	6,418,237	6,418,237
15-Feb-22	BlackRock Investment Management (UK) Limited	Placement	1.37	AUD	ORD	117,608	117,608
15-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,436	7,436
16-Feb-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.37	AUD	ORD	-1,465,413	-1,465,413
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.38	AUD	ORD	21,288	21,288
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.38	AUD	ORD	10,872	10,872
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.38	AUD	ORD	5,322	5,322
16-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	1.38	AUD	ORD	2,560	2,560
18-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	1.36	AUD	ORD	-86,570	-86,570
18-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	1.36	AUD	ORD	-115,063	-115,063
18-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,436	7,436
21-Feb-22	BlackRock Fund Advisors	on mkt buy	1.34	AUD	ORD	102,522	102,522
22-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.34	AUD	ORD	-12,418	-12,418
22-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	1.34	AUD	ORD	104,217	104,217
23-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.43	AUD	ORD	-6,083	-6,083
23-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.43	AUD	ORD	-32,999	-32,999
23-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,436	7,436
23-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,154	11,154
24-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	1.45	AUD	ORD	3,840	3,840
24-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.45	AUD	ORD	5,342	5,342
25-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.51	AUD	ORD	61,021	61,021
25-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,860	15,860
25-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.54	AUD	ORD	1,607	1,607
25-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	1.54	AUD	ORD	1,280	1,280
28-Feb-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,872	14,872
28-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.53	AUD	ORD	5,322	5,322
28-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	1.53	AUD	ORD	-150,706	-150,706
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.53	AUD	ORD	-16,498	-16,498
28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	1.53	AUD	ORD	-30,032	-30,032
01-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.54	AUD	ORD	47,898	47,898
01-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,660	-9,660
01-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,718	3,718
02-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.55	AUD	ORD	45,989	45,989
02-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.55	AUD	ORD	3,548	3,548

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02-Mar-22	BlackRock Investment Management, LLC	on mkt buy	1.55	AUD	ORD	27,653	27,653
03-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,154	11,154
03-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,436	7,436
04-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.61	AUD	ORD	84,850	84,850
04-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.61	AUD	ORD	34,288	34,288
04-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.61	AUD	ORD	121,303	121,303
04-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.61	AUD	ORD	236,508	236,508
04-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.61	AUD	ORD	5,015	5,015
04-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.61	AUD	ORD	56,768	56,768
07-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,731	16,731
07-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.65	AUD	ORD	-10,872	-10,872
08-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,872	14,872
08-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,154	11,154
08-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.48	AUD	ORD	28,384	28,384
10-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	1.34	AUD	ORD	85,740	85,740
10-Mar-22	BlackRock Fund Advisors	on mkt buy	1.34	AUD	ORD	15,432	15,432
10-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,298	11,298
10-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.22	AUD	ORD	-120,632	-120,632
10-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.22	AUD	ORD	5,322	5,322
11-Mar-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	402,469	402,469
11-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	1.27	AUD	ORD	875,073	875,073
11-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.24	AUD	ORD	14,074	14,074
11-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.24	AUD	ORD	64,983	64,983
11-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.23	AUD	ORD	267,278	267,278
11-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,415	9,415
14-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,181	13,181
14-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,298	11,298
14-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.15	AUD	ORD	-99,344	-99,344
14-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	29,540	29,540
15-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.16	AUD	ORD	20,675	20,675
15-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,660	-3,660
15-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.16	AUD	ORD	1,607	1,607
15-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	1.16	AUD	ORD	-5,120	-5,120
16-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.19	AUD	ORD	1,275	1,275
16-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.16	AUD	ORD	-548,465	-548,465
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,788	-9,788
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,470	-24,470
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.20	AUD	ORD	558,332	558,332
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.20	AUD	ORD	28,851	28,851
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.20	AUD	ORD	131,866	131,866
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.20	AUD	ORD	152,790	152,790
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.20	AUD	ORD	154,771	154,771
17-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.23	AUD	ORD	-962,229	-962,229
17-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,415	9,415
17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.26	AUD	ORD	-39,028	-39,028

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17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.26	AUD	ORD 8,035	8,035
17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.26	AUD	ORD 5,322	5,322
17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.26	AUD	ORD 1,607	1,607
18-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy 1.29	AUD	ORD 113,396	113,396
18-Mar-22	BlackRock Fund Advisors	on mkt buy 1.29	AUD	ORD 17,472	17,472
18-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy 1.29	AUD	ORD 9,091	9,091
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.26	AUD	ORD 116,506	116,506
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.27	AUD	ORD 29,923	29,923
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.27	AUD	ORD 49,228	49,228
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.27	AUD	ORD 30,815	30,815
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.27	AUD	ORD 16,110	16,110
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.27	AUD	ORD 26,503	26,503
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.27	AUD	ORD -59,202	-59,202
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.27	AUD	ORD 16,589	16,589
21-Mar-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD -1,215	-1,215
21-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell 1.27	AUD	ORD -60,339	-60,339
22-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy 1.29	AUD	ORD 1,428	1,428
22-Mar-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD 11,454	11,454
22-Mar-22	BlackRock Fund Advisors	on mkt buy 1.29	AUD	ORD 202,069	202,069
22-Mar-22	BlackRock Investment Management (Australia) Limited	in specie n/a	AUD	ORD 251,920	251,920
23-Mar-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD -19,444	-19,444
23-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell 1.31	AUD	ORD -2,770	-2,770
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.33	AUD	ORD 742,109	742,109
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.33	AUD	ORD 31,447	31,447
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.33	AUD	ORD 136,652	136,652
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.33	AUD	ORD 158,797	158,797
23-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy 1.34	AUD	ORD 39,071	39,071
25-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.29	AUD	ORD 32,599	32,599
28-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy 1.30	AUD	ORD 664,775	664,775
29-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.29	AUD	ORD 49,659	49,659
29-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy 1.30	AUD	ORD 63,860	63,860
29-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy 1.29	AUD	ORD 1,065	1,065
29-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell 1.30	AUD	ORD -37,868	-37,868
30-Mar-22	BlackRock Fund Advisors	on mkt buy 1.30	AUD	ORD 10,848	10,848
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.27	AUD	ORD 14,245	14,245
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.27	AUD	ORD 162,284	162,284
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.27	AUD	ORD 58,520	58,520
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.27	AUD	ORD 36,101	36,101
30-Mar-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD -14,676	-14,676
30-Mar-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD -48,920	-48,920
30-Mar-22	BlackRock Fund Advisors	in specie n/a	AUD	ORD 5,775	5,775
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy 1.27	AUD	ORD 7,248	7,248

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30-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-63,596	-63,596
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,836	-9,836
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,836	-9,836
31-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.26	AUD	ORD	54,483	54,483
31-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.27	AUD	ORD	79,644	79,644
01-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.28	AUD	ORD	41,046	41,046
01-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.28	AUD	ORD	11,443	11,443
01-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	1.28	AUD	ORD	17,822	17,822
01-Apr-22	BlackRock Asset Management Canada Limited	on mkt buy	1.28	AUD	ORD	13,374	13,374
04-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.30	AUD	ORD	2,666	2,666
04-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.30	AUD	ORD	13,386	13,386
04-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	1.29	AUD	ORD	76,474	76,474
04-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	1.29	AUD	ORD	311,264	311,264
04-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.30	AUD	ORD	52,156	52,156
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.33	AUD	ORD	5,436	5,436
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.33	AUD	ORD	114,275	114,275
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.33	AUD	ORD	11,158	11,158
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,430	-24,430
05-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.33	AUD	ORD	2,550	2,550
05-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	1.33	AUD	ORD	21,813	21,813
05-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	1.33	AUD	ORD	11,651	11,651
05-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.32	AUD	ORD	10,872	10,872
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-63,518	-63,518
06-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.25	AUD	ORD	9,179	9,179
06-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,850	3,850
06-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.24	AUD	ORD	41,676	41,676
06-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.24	AUD	ORD	3,214	3,214
07-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,550	11,550
07-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.23	AUD	ORD	5,692	5,692
07-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.23	AUD	ORD	2,505	2,505
08-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,700	7,700
08-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,158	11,158
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.24	AUD	ORD	5,977	5,977
11-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,625	9,625
11-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,775	5,775
11-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.25	AUD	ORD	2,432	2,432
11-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.27	AUD	ORD	-1,063,547	-1,063,547
11-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.26	AUD	ORD	-7,456,854	-7,456,854
12-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.24	AUD	ORD	1,576	1,576
13-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,625	9,625
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.25	AUD	ORD	14,448	14,448
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.25	AUD	ORD	-42,522	-42,522
14-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,325	17,325
14-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	1.26	AUD	ORD	1,607	1,607
19-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,400	15,400

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19-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.27	AUD	ORD	-121,053	-121,053
19-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.27	AUD	ORD	-33,892	-33,892
19-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	1.27	AUD	ORD	1,280	1,280
19-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-39,064	-39,064
20-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,625	9,625
20-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.25	AUD	ORD	-40,011	-40,011
20-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	1.25	AUD	ORD	3,751	3,751
20-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.25	AUD	ORD	-205,884	-205,884
21-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.24	AUD	ORD	-20,444	-20,444
22-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,700	7,700
22-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,550	11,550
22-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.19	AUD	ORD	-33,306	-33,306
22-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.19	AUD	ORD	-108,188	-108,188
22-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.19	AUD	ORD	-50,568	-50,568
26-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,856	-5,856
26-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,808	-7,808
26-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-23,424	-23,424
26-Apr-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-24,565	-24,565
26-Apr-22	BlackRock Fund Advisors	on mkt buy	1.16	AUD	ORD	19,926	19,926
26-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.14	AUD	ORD	-16,615	-16,615
26-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.13	AUD	ORD	-58,753	-58,753
26-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.13	AUD	ORD	-2,841,648	-2,841,648
26-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.13	AUD	ORD	-688,237	-688,237
26-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	1.15	AUD	ORD	1,280	1,280
27-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.14	AUD	ORD	-7,106	-7,106
27-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.14	AUD	ORD	-82,612	-82,612
27-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.14	AUD	ORD	-58,470	-58,470
27-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.14	AUD	ORD	-34,871	-34,871
27-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.14	AUD	ORD	-1,686,581	-1,686,581
27-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.14	AUD	ORD	-408,484	-408,484
27-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	1.14	AUD	ORD	-216,401	-216,401
27-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	1.12	AUD	ORD	-19,964	-19,964
27-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.13	AUD	ORD	-138,350	-138,350
27-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.13	AUD	ORD	-6,691,487	-6,691,487
27-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	1.13	AUD	ORD	-1,620,655	-1,620,655

29-Apr-22
 Maria Tricarico,
 Authorised Signatory
 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 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 321,283	321,283	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 165,242	165,242	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 3,249,336	3,249,336	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 11,651	11,651	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 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 13,374	13,374	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 216,307	216,307	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 980	980	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 548,894	548,894	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 149,318	149,318	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 11,711,912	11,711,912	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNP PRIME CUSTODY US		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 11,669	11,669	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 591,967	591,967	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 3,751	3,751	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 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 5,953,418	5,953,418	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 2,754	2,754	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 42,846	42,846	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	BNP-BNP PARIBAS AUSTRALIA - COGENT		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 216,263	216,263	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	CITI-Citigroup Australia - 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 114,234	114,234	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 2,814,501	2,814,501	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 3,268,976	3,268,976	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 7,370,641	7,370,641	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 1,745,591	1,745,591	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 (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 33,191	33,191	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 616,970	616,970	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 26,233,905	26,233,905	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	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 97,503,437	97,503,437	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 127,859	127,859	Subsidiary of BlackRock, Inc.
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 721,786	721,786	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 7,948,547	7,948,547	Subsidiary of BlackRock, Inc.

Annexure C

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

29-Apr-22
Maria Tricarico,
Authorised Signatory **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 Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BLACKROCK ADVISORS LLC	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Financial Management, Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
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	251 Little Falls Dr Wilmington, DE 19808-1674