

Form 604

Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme CSR LIMITED

ACN/ARSN 000 001 276

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 12 / 09 / 2023

The previous notice was given to the company on 12 / 05 / 2023

The previous notice was dated 10 / 05 / 2023

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	28,872,481	6.04	24,065,445	5.04

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 & D				

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 Tevin Murray

capacity *Authorised Signatory

sign here

date 14 / 09 /2023

* 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

14-Sep-23

Tevin Murray,
Authorised Signatory

Date

5. Consideration

CSR LIMITED (CSR)

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-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.17	AUD	ORD	372	372
11-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.16	AUD	ORD	1,877	1,877
12-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,250	4,250
12-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.17	AUD	ORD	12,666	12,666
12-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.27	AUD	ORD	5,072	5,072
12-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.27	AUD	ORD	-7,652	-7,652
12-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.27	AUD	ORD	-1,099	-1,099
12-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.27	AUD	ORD	-859	-859
12-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.26	AUD	ORD	1,219	1,219
12-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.26	AUD	ORD	5,868	5,868
15-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.30	AUD	ORD	429	429
15-May-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-10,358	-10,358
16-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,082	6,082
16-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.31	AUD	ORD	570	570
16-May-23	BlackRock Investment Management, LLC	on mkt buy	5.31	AUD	ORD	31,813	31,813
16-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,395	5,395
17-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	882	882
17-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.32	AUD	ORD	11,842	11,842
17-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.32	AUD	ORD	646	646
17-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.33	AUD	ORD	-2,522	-2,522
17-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.33	AUD	ORD	11,736	11,736
17-May-23	BlackRock Advisors (UK) Limited	on mkt buy	5.33	AUD	ORD	2,780	2,780
18-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.36	AUD	ORD	16,626	16,626
18-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.36	AUD	ORD	7,008	7,008
19-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.38	AUD	ORD	-7,832	-7,832
19-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.38	AUD	ORD	-2,134	-2,134
19-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.38	AUD	ORD	-1,304	-1,304
19-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.38	AUD	ORD	-1,237	-1,237
19-May-23	BlackRock Investment Management, LLC	on mkt buy	5.39	AUD	ORD	8,619	8,619
19-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.39	AUD	ORD	-8,702	-8,702
22-May-23	BlackRock Fund Advisors	on mkt buy	5.38	AUD	ORD	428	428
23-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.37	AUD	ORD	-6,361	-6,361
24-May-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.33	AUD	ORD	7,336	7,336
25-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.32	AUD	ORD	21,435	21,435

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
25-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.35	AUD	ORD	23,472	23,472
25-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.35	AUD	ORD	1,219	1,219
25-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.35	AUD	ORD	-3,720	-3,720
25-May-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-44,644	-44,644
25-May-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	44,644	44,644
26-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07	AUD	ORD	19,757	19,757
26-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07	AUD	ORD	9,182	9,182
26-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07	AUD	ORD	3,367	3,367
26-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.07	AUD	ORD	-543	-543
26-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	AUD	ORD	1,654	1,654
26-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	AUD	ORD	11,538	11,538
29-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	AUD	ORD	2,934	2,934
30-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,638	-4,638
30-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,638	-4,638
30-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	AUD	ORD	468	468
30-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	AUD	ORD	3,329	3,329
30-May-23	BlackRock Asset Management Deutschland AG	on mkt buy	4.95	AUD	ORD	7,340	7,340
30-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-20,871	-20,871
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.89	AUD	ORD	34,448	34,448
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.89	AUD	ORD	59,817	59,817
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.89	AUD	ORD	81,892	81,892
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.89	AUD	ORD	15,311	15,311
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.90	AUD	ORD	-24,450	-24,450
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.90	AUD	ORD	-4,060	-4,060
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.90	AUD	ORD	-3,643	-3,643
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	4.90	AUD	ORD	-18,812	-18,812
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	4.90	AUD	ORD	-495	-495
31-May-23	BlackRock Advisors, LLC	on mkt sell	4.90	AUD	ORD	-3	-3
31-May-23	BlackRock Advisors, LLC	on mkt sell	4.90	AUD	ORD	-191	-191
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	AUD	ORD	-304	-304
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	AUD	ORD	-11,547	-11,547
31-May-23	BlackRock Fund Advisors	on mkt sell	4.90	AUD	ORD	-2,032	-2,032
31-May-23	BlackRock Fund Advisors	on mkt sell	4.90	AUD	ORD	-77,317	-77,317
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.90	AUD	ORD	-4,594	-4,594
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	AUD	ORD	-101	-101
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	AUD	ORD	-5,538	-5,538
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.90	AUD	ORD	3,815	3,815
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	4.90	AUD	ORD	-7,775	-7,775
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	4.90	AUD	ORD	-143	-143
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	AUD	ORD	-279	-279
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	AUD	ORD	-10,579	-10,579

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31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.90	AUD	ORD	-1,334	-1,334
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	4.90	AUD	ORD	-6,392	-6,392
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	AUD	ORD	-3,923	-3,923
31-May-23	BlackRock Fund Advisors	on mkt sell	4.90	AUD	ORD	-26,275	-26,275
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.90	AUD	ORD	-1,682	-1,682
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.90	AUD	ORD	-3,594	-3,594
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	AUD	ORD	-1,555	-1,555
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	AUD	ORD	-1,627	-1,627
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	AUD	ORD	-5,390	-5,390
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	AUD	ORD	-4,626	-4,626
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	AUD	ORD	-1,462	-1,462
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	AUD	ORD	-34,836	-34,836
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	AUD	ORD	-32,127	-32,127
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	AUD	ORD	-5,455	-5,455
01-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	AUD	ORD	6,278	6,278
01-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	AUD	ORD	26,166	26,166
01-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	AUD	ORD	207,825	207,825
01-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	AUD	ORD	3,912	3,912
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	4.92	AUD	ORD	-12,722	-12,722
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	4.92	AUD	ORD	-101,776	-101,776
02-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,600	-6,600
02-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	AUD	ORD	-15,166	-15,166
02-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	AUD	ORD	-53,215	-53,215
02-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	AUD	ORD	13,984	13,984
02-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	AUD	ORD	33,019	33,019
02-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	AUD	ORD	15,272	15,272
02-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.92	AUD	ORD	30,872	30,872
05-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,428	-4,428
05-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.03	AUD	ORD	101,231	101,231
05-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	AUD	ORD	-11,247	-11,247
05-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.02	AUD	ORD	-5,541	-5,541
06-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,428	-4,428
06-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.98	AUD	ORD	15,000	15,000
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	AUD	ORD	34,200	34,200
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	AUD	ORD	201,400	201,400
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	AUD	ORD	15,200	15,200
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	AUD	ORD	5,868	5,868
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	AUD	ORD	63,921	63,921
07-Jun-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.00	AUD	ORD	7,340	7,340
07-Jun-23	BlackRock Fund Advisors	on mkt sell	5.00	AUD	ORD	-5,131	-5,131
07-Jun-23	BlackRock Fund Advisors	on mkt sell	5.00	AUD	ORD	-34,517	-34,517
07-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.00	AUD	ORD	-7,582	-7,582

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		
07-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.00	AUD	ORD	-7,582	-7,582
07-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	AUD	ORD	301	301
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.00	AUD	ORD	65,279	65,279
07-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.00	AUD	ORD	307	307
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.95	AUD	ORD	126,026	126,026
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.95	AUD	ORD	-9,780	-9,780
08-Jun-23	BlackRock Fund Advisors	on mkt buy	4.95	AUD	ORD	440	440
09-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,879	9,879
09-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,390	-4,390
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	AUD	ORD	11,705	11,705
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	AUD	ORD	35,499	35,499
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	AUD	ORD	83,165	83,165
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	4.97	AUD	ORD	5,885	5,885
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	4.99	AUD	ORD	-11,736	-11,736
09-Jun-23	BlackRock Fund Advisors	on mkt buy	4.99	AUD	ORD	30,001	30,001
09-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	363,864	363,864
12-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-363,864	-363,864
13-Jun-23	BlackRock Fund Advisors	on mkt buy	5.00	AUD	ORD	561	561
13-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.00	AUD	ORD	-31,620	-31,620
14-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,082	6,082
14-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.08	AUD	ORD	-2,698	-2,698
14-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.08	AUD	ORD	-2,937	-2,937
14-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08	AUD	ORD	-1,896	-1,896
14-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.08	AUD	ORD	-1,411	-1,411
14-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.07	AUD	ORD	-27,998	-27,998
14-Jun-23	BlackRock Financial Management, Inc.	on mkt sell	5.07	AUD	ORD	-53,572	-53,572
14-Jun-23	BlackRock Asset Management Deutschland AG	on mkt sell	5.07	AUD	ORD	-27,726	-27,726
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.07	AUD	ORD	-43,928	-43,928
15-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.14	AUD	ORD	28,000	28,000
15-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.16	AUD	ORD	-5,665	-5,665
15-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.16	AUD	ORD	12,882	12,882
16-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.14	AUD	ORD	-1,995	-1,995
16-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.14	AUD	ORD	-1,980	-1,980
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.14	AUD	ORD	5,921	5,921
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.14	AUD	ORD	28,531	28,531
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	AUD	ORD	-2,899	-2,899
19-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15	AUD	ORD	9,063	9,063
19-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.15	AUD	ORD	4,401	4,401
19-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.15	AUD	ORD	-2,675	-2,675
19-Jun-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.15	AUD	ORD	7,214	7,214
19-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.15	AUD	ORD	18,607	18,607
20-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.19	AUD	ORD	-9,011	-9,011
20-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.22	AUD	ORD	-6,846	-6,846

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20-Jun-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.22	AUD	ORD	7,215	7,215
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.22	AUD	ORD	-18,409	-18,409
20-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.19	AUD	ORD	-29,720	-29,720
21-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.26	AUD	ORD	7,147	7,147
21-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.26	AUD	ORD	28,250	28,250
21-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.26	AUD	ORD	-15,169	-15,169
21-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.26	AUD	ORD	-5,353	-5,353
21-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.26	AUD	ORD	-7,964	-7,964
21-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.25	AUD	ORD	-2,406	-2,406
21-Jun-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.25	AUD	ORD	7,216	7,216
21-Jun-23	BlackRock Financial Management, Inc.	on mkt sell	5.25	AUD	ORD	-15,595	-15,595
21-Jun-23	BlackRock Fund Advisors	on mkt buy	5.25	AUD	ORD	442	442
21-Jun-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-2,574	-2,574
21-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	256,828	256,828
22-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.18	AUD	ORD	11,409	11,409
22-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-256,828	-256,828
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.20	AUD	ORD	17,712	17,712
23-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	AUD	ORD	-4,323	-4,323
23-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.14	AUD	ORD	-4,932	-4,932
23-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.11	AUD	ORD	1,301	1,301
23-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.11	AUD	ORD	-2,388	-2,388
23-Jun-23	BlackRock Fund Advisors	on mkt buy	5.11	AUD	ORD	1,226	1,226
26-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.10	AUD	ORD	-23,285	-23,285
26-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.10	AUD	ORD	-1,203	-1,203
26-Jun-23	BlackRock Fund Advisors	on mkt buy	5.10	AUD	ORD	442	442
27-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.12	AUD	ORD	-13,375	-13,375
27-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	AUD	ORD	1,301	1,301
27-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	AUD	ORD	1,478	1,478
27-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	AUD	ORD	37,665	37,665
27-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.12	AUD	ORD	50,220	50,220
27-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	AUD	ORD	-11,493	-11,493
28-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.19	AUD	ORD	-2,253	-2,253
28-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.19	AUD	ORD	-5,259	-5,259
28-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.20	AUD	ORD	12,154	12,154
28-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.19	AUD	ORD	-14,506	-14,506
28-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.19	AUD	ORD	-2,934	-2,934
28-Jun-23	BlackRock Fund Advisors	on mkt buy	5.19	AUD	ORD	447	447
28-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	791,732	791,732
29-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.19	AUD	ORD	10,085	10,085
29-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.20	AUD	ORD	9,633	9,633
29-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	5.19	AUD	ORD	2,768	2,768
29-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,180	-6,180
29-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	525,064	525,064
30-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,082	6,082
30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.19	AUD	ORD	978	978

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30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.19	AUD	ORD	-3,072	-3,072
30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.19	AUD	ORD	-878	-878
30-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	5.19	AUD	ORD	-23,218	-23,218
30-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,948	-1,948
30-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-525,064	-525,064
03-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.28	AUD	ORD	9,578	9,578
03-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.30	AUD	ORD	4,158	4,158
03-Jul-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	11,213	11,213
03-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-258,540	-258,540
03-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	338,564	338,564
04-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.29	AUD	ORD	-13,993	-13,993
04-Jul-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.32	AUD	ORD	7,216	7,216
04-Jul-23	BlackRock Fund Advisors	on mkt buy	5.32	AUD	ORD	452	452
04-Jul-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.32	AUD	ORD	22,208	22,208
04-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-525,064	-525,064
04-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,756	1,756
05-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.33	AUD	ORD	-4,970	-4,970
05-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.33	AUD	ORD	10,266	10,266
05-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.33	AUD	ORD	-5,296	-5,296
05-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.33	AUD	ORD	7,422	7,422
05-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,390	-4,390
05-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	10,240	10,240
06-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,082	6,082
06-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.38	AUD	ORD	-31,562	-31,562
06-Jul-23	BlackRock Fund Advisors	on mkt buy	5.38	AUD	ORD	447	447
06-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.38	AUD	ORD	3,697	3,697
06-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	28,056	28,056
06-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	210,480	210,480
07-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.32	AUD	ORD	-1,480	-1,480
07-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.35	AUD	ORD	-14,300	-14,300
07-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.35	AUD	ORD	-10,225	-10,225
07-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.35	AUD	ORD	-7,306	-7,306
07-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-28,056	-28,056
07-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-561,040	-561,040
10-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.39	AUD	ORD	8,398	8,398
10-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.35	AUD	ORD	-29,680	-29,680
10-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.34	AUD	ORD	690	690
10-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.34	AUD	ORD	6,506	6,506
10-Jul-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-130	-130
10-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	525,064	525,064
11-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.43	AUD	ORD	-2,928	-2,928
11-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-525,064	-525,064
12-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.46	AUD	ORD	-31,889	-31,889
12-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.46	AUD	ORD	-63,566	-63,566

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12-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.46	AUD	ORD	-34,244	-34,244
12-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.46	AUD	ORD	-14,172	-14,172
13-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.50	AUD	ORD	-109,638	-109,638
13-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.53	AUD	ORD	2,928	2,928
13-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.53	AUD	ORD	2,214	2,214
13-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.53	AUD	ORD	12,656	12,656
14-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.54	AUD	ORD	-31,776	-31,776
14-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.54	AUD	ORD	-89,852	-89,852
14-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.54	AUD	ORD	-51,382	-51,382
14-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.54	AUD	ORD	-14,122	-14,122
14-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.55	AUD	ORD	12,655	12,655
14-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	6,340	6,340
14-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	85,620	85,620
17-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.52	AUD	ORD	-66,707	-66,707
17-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.55	AUD	ORD	-1,464	-1,464
17-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,340	-6,340
17-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-85,620	-85,620
18-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.49	AUD	ORD	-2,386	-2,386
19-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.51	AUD	ORD	-24,460	-24,460
19-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.51	AUD	ORD	-32,721	-32,721
19-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.51	AUD	ORD	-20,442	-20,442
19-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.51	AUD	ORD	-8,142	-8,142
19-Jul-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.50	AUD	ORD	7,164	7,164
19-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	771,894	771,894
20-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.47	AUD	ORD	-44,126	-44,126
20-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.46	AUD	ORD	2,807	2,807
20-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.45	AUD	ORD	6,832	6,832
20-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.45	AUD	ORD	-37,971	-37,971
20-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	437,604	437,604
20-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-771,894	-771,894
21-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.41	AUD	ORD	-30,251	-30,251
21-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.43	AUD	ORD	-5,960	-5,960
21-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.41	AUD	ORD	-14,509	-14,509
21-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.41	AUD	ORD	-7,285	-7,285
21-Jul-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.42	AUD	ORD	7,206	7,206
21-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.42	AUD	ORD	-46,415	-46,415
21-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-437,604	-437,604
24-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.51	AUD	ORD	-14,879	-14,879
25-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.60	AUD	ORD	-1,193	-1,193
25-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.60	AUD	ORD	-632	-632
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.54	AUD	ORD	-31,464	-31,464

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26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.54	AUD	ORD	-49,162	-49,162
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.54	AUD	ORD	-20,759	-20,759
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.54	AUD	ORD	-12,444	-12,444
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.53	AUD	ORD	4,880	4,880
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.53	AUD	ORD	1,265	1,265
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.53	AUD	ORD	-2,440	-2,440
26-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	5.53	AUD	ORD	-12,655	-12,655
26-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,565	4,565
27-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.64	AUD	ORD	-47,942	-47,942
27-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.64	AUD	ORD	-88,902	-88,902
27-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.64	AUD	ORD	-1,488	-1,488
28-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.70	AUD	ORD	-10,262	-10,262
28-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.70	AUD	ORD	-14,291	-14,291
28-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.70	AUD	ORD	-20,501	-20,501
28-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.70	AUD	ORD	-2,042	-2,042
28-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.70	AUD	ORD	2,639	2,639
28-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.70	AUD	ORD	2,748	2,748
31-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.72	AUD	ORD	-32,846	-32,846
01-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.78	AUD	ORD	1,476	1,476
01-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.76	AUD	ORD	-10,295	-10,295
01-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.77	AUD	ORD	-117,440	-117,440
01-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.78	AUD	ORD	2,639	2,639
01-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.78	AUD	ORD	2,329	2,329
01-Aug-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.78	AUD	ORD	6,389	6,389
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.74	AUD	ORD	-13,876	-13,876
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.74	AUD	ORD	-31,220	-31,220
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.74	AUD	ORD	-117,943	-117,943
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.74	AUD	ORD	-147,418	-147,418
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.72	AUD	ORD	3,904	3,904
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.72	AUD	ORD	1,265	1,265
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.72	AUD	ORD	1,193	1,193
02-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	740,930	740,930
03-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.61	AUD	ORD	-107,322	-107,322
03-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.61	AUD	ORD	-123,874	-123,874
03-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.61	AUD	ORD	-2,957	-2,957
03-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-740,930	-740,930
04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.48	AUD	ORD	-17,278	-17,278
04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.48	AUD	ORD	-82,940	-82,940
04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.48	AUD	ORD	-121,385	-121,385
04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.48	AUD	ORD	-10,368	-10,368

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04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.49	AUD	ORD	17,080	17,080
04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.49	AUD	ORD	-107,160	-107,160
04-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	402,486	402,486
07-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.59	AUD	ORD	-106,778	-106,778
07-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-402,486	-402,486
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.70	AUD	ORD	-3,744	-3,744
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.73	AUD	ORD	26,352	26,352
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.73	AUD	ORD	488	488
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.73	AUD	ORD	3,904	3,904
08-Aug-23	BlackRock Fund Advisors	on mkt buy	5.73	AUD	ORD	650	650
08-Aug-23	BlackRock Asset Management Deutschland AG	on mkt buy	5.73	AUD	ORD	6,515	6,515
09-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.66	AUD	ORD	-30,985	-30,985
09-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.66	AUD	ORD	-117,059	-117,059
09-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.66	AUD	ORD	-151,266	-151,266
09-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.66	AUD	ORD	-13,772	-13,772
09-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	294,716	294,716
10-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.78	AUD	ORD	-105,989	-105,989
10-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.78	AUD	ORD	-128,700	-128,700
10-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.78	AUD	ORD	-17,736	-17,736
11-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.78	AUD	ORD	-30,938	-30,938
11-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.78	AUD	ORD	-116,879	-116,879
11-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.78	AUD	ORD	-180,667	-180,667
11-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.78	AUD	ORD	-13,750	-13,750
11-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.78	AUD	ORD	2,105	2,105
11-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	294,716	294,716
11-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-294,716	-294,716
14-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.82	AUD	ORD	-105,586	-105,586
14-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.84	AUD	ORD	5,322	5,322
14-Aug-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.84	AUD	ORD	44,036	44,036
14-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.84	AUD	ORD	-63,255	-63,255
14-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.84	AUD	ORD	691	691
14-Aug-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	7,605	7,605
14-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-294,716	-294,716
14-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	148,950	148,950
15-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.89	AUD	ORD	-20,530	-20,530
15-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	5.89	AUD	ORD	-25,298	-25,298
15-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	148,950	148,950
15-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-148,950	-148,950
16-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,715	8,715
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.75	AUD	ORD	-30,884	-30,884
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.75	AUD	ORD	-116,676	-116,676
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.75	AUD	ORD	-179,678	-179,678

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16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.75	AUD	ORD	-13,727	-13,727
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.75	AUD	ORD	3,904	3,904
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.75	AUD	ORD	1,952	1,952
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.75	AUD	ORD	-1,193	-1,193
17-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-1,897	-1,897
17-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-106,326	-106,326
17-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-133,928	-133,928
18-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.73	AUD	ORD	-28,085	-28,085
18-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.73	AUD	ORD	-86,927	-86,927
18-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.73	AUD	ORD	-143,773	-143,773
18-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.73	AUD	ORD	-13,714	-13,714
18-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.73	AUD	ORD	2,764	2,764
18-Aug-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.73	AUD	ORD	-8,662	-8,662
21-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.72	AUD	ORD	-106,219	-106,219
21-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.72	AUD	ORD	-437	-437
21-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.71	AUD	ORD	292	292
21-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.71	AUD	ORD	-3,898	-3,898
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.79	AUD	ORD	-668	-668
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.81	AUD	ORD	-1,952	-1,952
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.81	AUD	ORD	3,416	3,416
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.81	AUD	ORD	-1,952	-1,952
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.84	AUD	ORD	3,904	3,904
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.84	AUD	ORD	-14,566	-14,566
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.84	AUD	ORD	-38,492	-38,492
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.84	AUD	ORD	-13,694	-13,694
23-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-73,900	-73,900
24-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.85	AUD	ORD	-56,625	-56,625
24-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.85	AUD	ORD	-132,920	-132,920
24-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.85	AUD	ORD	-3,720	-3,720
24-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.86	AUD	ORD	1,193	1,193
24-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-75,050	-75,050
25-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-9,584	-9,584
25-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-25,718	-25,718
25-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.80	AUD	ORD	-12,311	-12,311
28-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.87	AUD	ORD	7,644	7,644
28-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.89	AUD	ORD	-17,240	-17,240
28-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	53,040	53,040
29-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-53,040	-53,040
30-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.87	AUD	ORD	-29,400	-29,400
30-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.87	AUD	ORD	-52,065	-52,065
31-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,556	-4,556

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
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.89	AUD	ORD	-12,819	-12,819
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.89	AUD	ORD	-121,868	-121,868
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.89	AUD	ORD	-2,534	-2,534
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.90	AUD	ORD	84	84
31-Aug-23	BlackRock Investment Management (UK) Limited	on mkt sell	5.90	AUD	ORD	-3,284	-3,284
31-Aug-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.90	AUD	ORD	384	384
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.90	AUD	ORD	138	138
31-Aug-23	BlackRock Fund Advisors	on mkt buy	5.90	AUD	ORD	1,935	1,935
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.90	AUD	ORD	59	59
31-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.90	AUD	ORD	12	12
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.90	AUD	ORD	413	413
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.90	AUD	ORD	47	47
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.90	AUD	ORD	210	210
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.90	AUD	ORD	3,718	3,718
31-Aug-23	BlackRock Investment Management (UK) Limited	on mkt buy	5.90	AUD	ORD	16,895	16,895
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.90	AUD	ORD	6,114	6,114
31-Aug-23	BlackRock Fund Advisors	on mkt buy	5.90	AUD	ORD	85,147	85,147
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.90	AUD	ORD	2,605	2,605
31-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.90	AUD	ORD	556	556
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.90	AUD	ORD	18,221	18,221
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.90	AUD	ORD	2,102	2,102
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.90	AUD	ORD	9,295	9,295
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.90	AUD	ORD	3,565	3,565
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.90	AUD	ORD	-53,299	-53,299
31-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	632,040	632,040
01-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.97	AUD	ORD	-136,476	-136,476
01-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.97	AUD	ORD	-1,193	-1,193
01-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-632,040	-632,040
04-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.03	AUD	ORD	-93,692	-93,692
05-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.09	AUD	ORD	-4,746	-4,746
05-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.07	AUD	ORD	-135,328	-135,328
05-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.11	AUD	ORD	3,904	3,904
05-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	669,632	669,632
06-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.00	AUD	ORD	-176,173	-176,173
06-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-669,632	-669,632
07-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,245	1,245
07-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.98	AUD	ORD	-8,273	-8,273
07-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.98	AUD	ORD	-87,436	-87,436
07-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.98	AUD	ORD	-115,779	-115,779
08-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.92	AUD	ORD	-109,309	-109,309

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
08-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.92	AUD	ORD	4,880	4,880
08-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.92	AUD	ORD	35,614	35,614
08-Sep-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.92	AUD	ORD	2,198	2,198
08-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.92	AUD	ORD	-37,812	-37,812
11-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.91	AUD	ORD	-50,604	-50,604
11-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.91	AUD	ORD	-2,527	-2,527
11-Sep-23	BlackRock Fund Advisors	on mkt buy	5.93	AUD	ORD	1,049	1,049
12-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.91	AUD	ORD	-33,508	-33,508
12-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.91	AUD	ORD	-48,265	-48,265
12-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.91	AUD	ORD	-15,795	-15,795
12-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.92	AUD	ORD	2,928	2,928

14-Sep-23

Tevin Murray,
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	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 208,983	208,983	Subsidiary of BlackRock, Inc.
BlackRock Advisors (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 held in its capacity as investment manager, responsible entity or trustee.	ORD 15,885	15,885	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 568	568	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 2,427,470	2,427,470	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 76,024	76,024	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 171,731	171,731	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Deutschland AG	SSB-STATE STREET BANK, GERMANY		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, responsible entity or trustee.	ORD 1,694,224	1,694,224	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 192	192	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 18,783	18,783	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 126,865	126,865	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 6,838,175	6,838,175	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 175,128	175,128	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 2,675,876	2,675,876	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 29,282	29,282	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 1,688	1,688	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 75,932	75,932	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 48,264	48,264	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	CITI-CITIBANK, HONG KONG		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, responsible entity or trustee.	ORD 481,700	481,700	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 investment manager, responsible entity or trustee.	ORD 3,457,651	3,457,651	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 3,012,856	3,012,856	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, responsible entity or trustee.	ORD 1,037,018	1,037,018	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 15,795	15,795	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 311,045	311,045	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 256,778	256,778	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 62,302	62,302	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 133,933	133,933	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 233,920	233,920	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 (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 held in its capacity as investment manager, responsible entity or trustee.	ORD 167,191	167,191	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 121,921	121,921	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 90,743	90,743	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 69,246	69,246	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 held in its capacity as investment manager, responsible entity or trustee.	ORD 28,276	28,276	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

Tevin Murray,
Authorised Signatory

14-Sep-23
Date

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	50 Hudson Yards New York, NY 10001 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 Asset Management Deutschland AG	Max-Joseph-Straße 6 D-80333 Munich, Germany
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

This is Annexure D of 3 pages referred to in form 604 Notice of change of interests of substantial shareholder.

 Tevin Murray, Authorised Signatory
 Date

14-Sept-2023

Type of agreement:	Global Master Securities Lending Agreement, Overseas Securities Lending Agreement or Master Securities Lending Agreement.
Parties to agreement:	The relevant counterparty as described in the lists of Securities Lending Agreements entered into by BlackRock Advisors Limited and BlackRock Institutional Trust Corporation, N.A., respectively, on the following page.
Transfer date:	The date of the relevant transaction identified as a collateral transfer referred to in Annexure A.
Holder of voting rights:	The Borrower.
Are there any restrictions on voting rights? If yes, detail	Yes. Collateral is held through a tripartite structure under which the triparty collateral manager will not act in respect of voting rights unless it receives instructions to do so from the Borrower.
Scheduled return date (if any):	The date of the relevant transaction referred to in Annexure A.
Does the borrower have the right to return early? If yes, detail	Yes. The Borrower is entitled to substitute existing collateral with other equities at any time.
Does the lender have the right to recall early? If yes, detail	Yes, at notice.
Will the securities be returned on settlement? If yes, detail any exceptions	Yes.

A copy of the relevant agreement will be provided to CSR LIMITED or the Australian Securities and Investments Commission upon request.

Securities Lending Agreements

Agreements entered into between BlackRock Advisors Limited and each of the following counterparties:

- (a) Bank of Nova Scotia, London Branch GMSLA, 25 August 2011
- (b) Barclays Bank plc GMSLA, 9 April 2104
- (c) Barclays Capital Securities Limited GMSLA, 2 December 2012
- (d) BNP Paribas Arbitrage GMSLA, 30 May 2013
- (e) BNP Paribas GMSLA, 8 May 2007
- (f) Citigroup Global Markets Limited GMSLA, 18 January 2007
- (g) Credit Suisse AG, Dublin Branch GMSLA, 28 September 2015
- (h) Credit Suisse International GMSLA, 10 March 2014
- (i) Credit Suisse Securities (Europe) Limited GMSLA, 26 August 2015
- (j) Deutsche Bank AG, London Branch GMSLA, 25 August 2017
- (k) Goldman Sachs International GMSLA, 2nd August 2022
- (l) HSBC Bank plc GMSLA GMSLA, 27 October 2016
- (m) ING Bank N.V. GMSLA, 12 November 2018
- (n) J.P. Morgan Securities plc GMSLA, 12 July 2011
- (o) Macquarie Bank Limited GMSLA, 18 August 2014
- (p) Merrill Lynch International GMSLA, 3 February 2020
- (q) Morgan Stanley & Co International plc GMSLA, 9 June 2021
- (r) Natixis SA GMSLA, 29 January 2018
- (s) Nomura International plc GMSLA, 2 November 2011
- (t) Royal Bank of Canada Europe Limited GMSLA, 3 February 2017
- (u) Royal Bank of Scotland plc (renamed to Natwest Markets Plc) GMSLA, 1 April 2011
- (v) Santander UK Plc GMSLA, 25 January 2019
- (w) Societe Generale GMSLA, 27 January 2012
- (x) UBS AG GMSLA, 28 April 2016
- (y) UBS Europe SE GMSLA, 1 February 2019
- (z) BAL/Banco Santander, S.A. GMSLA, 30 April 2019
- (aa) Canadian Imperial Bank of Commerce, London Branch GMSLA, 21 June 2019
- (bb) Zürcher Kantonalbank GMSLA, 30 October 2019
- (cc) The Hongkong and Shanghai Banking Corporation Limited GMSLA, 7 February 2020
- (dd) BNP Paribas Prime Brokerage International Limited GMSLA 19 October 2021
- (ee) Jefferies International Limited GMLSA 22 June 2023

Agreements entered into by BlackRock Institutional Trust Corporation, N.A. and each of the following counterparties:

- a. Bank of Nova Scotia GMSLA, December 6, 2016
- b. Barclays Bank plc GMSLA, April 24, 2017
- c. Barclays Capital Securities Limited GMSLA, March 15, 2017
- d. BNP Paribas Arbitrage GMSLA, June 5, 2017
- e. Citigroup Global Markets Limited GMSLA, June 3, 2015
- f. Credit Suisse AG, Dublin Branch GMSLA, October 14, 2015
- g. Credit Suisse International GMSLA, April 4, 2020
- h. Credit Suisse Securities (Europe) Limited GMSLA, October 2, 2015
- i. Deutsche Bank AG, London Branch GMSLA, June 7, 2017
- j. Goldman Sachs International GMSLA, February 20, 2023
- k. HSBC Bank plc GMSLA, February 12, 2013
- l. J.P. Morgan Securities plc GMSLA, October 4, 2016
- m. J.P. Morgan Securities plc GMSLA (Pledge), July 1, 2020
- n. Macquarie Bank Limited GMSLA, October 3, 2016
- o. Merrill Lynch International GMSLA, February 19, 2014
- p. Morgan Stanley & Co International plc GMSLA, November 16, 2021
- q. Nomura International plc GMSLA 03 August 2018
- r. Societe Generale GMSLA, September 28, 2016
- s. UBS AG GMSLA, May 26, 2016
- t. UBS AG GMSLA (Pledge), June 2, 2020
- u. UBS Europe SE GMSLA, 1 February 2019
- v. The Hongkong and Shanghai Banking Corporation Limited GMSLA, 22 February 2019
- w. RBC Europe Limited GMSLA, 4 February 2019
- x. ING BANK N.V. GMSLA, 27 February, 2019
- y. BANCO SANTANDER, S.A. GMSLA, 11 September, 2019
- z. Credit Suisse A.G., Singapore Branch GMSLA, 25 October, 2019

- aa. Natixis S.A. GMSLA, November 21, 2019.
- bb. CREDIT SUISSE INTERNATIONAL GMSLA, 4 April 2020
- cc. BNP Paribas Prime Brokerage International Limited GMSLA 22 November 2021

These counterparties do not pledge Australian equities:

- (a) Merrill Lynch, Pierce, Fenner Smith Incorporated

These counterparties do not have any business with us anymore although may have done previously:

- (a) Morgan Stanley Securities Limited (No Business) OSLA 15 March 1999

Royal Bank of Scotland N.V. **GMSLA, 12 October 2011 – No Business, superseded by Royal Bank of Scotland PLC**