

Form 604

Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme NORTHERN STAR RESOURCES LTD

ACN/ARSN 092 832 892

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 20 / 04 / 2023

The previous notice was given to the company on 24 / 05 / 2022

The previous notice was dated 20 / 05 / 2022

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	144,732,564	12.42	130,313,002	11.33

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 Shawna Reese

capacity *Authorised Signatory

sign here

date 24 / 04 / 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 64 pages referred to in form 604 Notice of change of interests of substantial shareholder

24-Apr-23

Shawna Reese,
Authorised Signatory

Date

5. Consideration

NORTHERN STAR RESOURCES LTD (NST)

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-May-22	BlackRock Advisors (UK) Limited	on mkt sell	9.05	AUD	ORD	-2,498	-2,498
23-May-22	BlackRock Advisors (UK) Limited	on mkt buy	9.05	AUD	ORD	528	528
24-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-232	-232
24-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,392	-1,392
24-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,295	-22,295
24-May-22	BlackRock Fund Advisors	on mkt buy	8.98	AUD	ORD	3,030	3,030
24-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.98	AUD	ORD	2,985	2,985
24-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.98	AUD	ORD	946	946
24-May-22	BlackRock Investment Management, LLC	on mkt buy	8.98	AUD	ORD	1,358	1,358
24-May-22	BlackRock Advisors (UK) Limited	on mkt sell	8.89	AUD	ORD	-157,680	-157,680
24-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.89	AUD	ORD	-27,177	-27,177
24-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.89	AUD	ORD	-78,209	-78,209
24-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	11,238	11,238
25-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,796	2,796
25-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,918	-8,918
25-May-22	BlackRock Advisors (UK) Limited	on mkt buy	9.11	AUD	ORD	1,561	1,561
25-May-22	BlackRock Advisors (UK) Limited	on mkt buy	9.11	AUD	ORD	669	669
25-May-22	BlackRock Advisors (UK) Limited	on mkt buy	9.11	AUD	ORD	274	274
25-May-22	BlackRock Advisors (UK) Limited	on mkt sell	9.11	AUD	ORD	-19,385	-19,385
25-May-22	BlackRock Fund Advisors	on mkt buy	9.11	AUD	ORD	14,100	14,100
25-May-22	BlackRock Fund Advisors	on mkt buy	9.11	AUD	ORD	1,462	1,462
25-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	9.11	AUD	ORD	548	548
25-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	9.11	AUD	ORD	5,285	5,285
25-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-11,234	-11,234
26-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,377	-13,377
26-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	492	492
26-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.86	AUD	ORD	-7,951	-7,951
26-May-22	BlackRock Japan Co., Ltd.	on mkt buy	8.87	AUD	ORD	6,645	6,645
26-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.80	AUD	ORD	-7,218	-7,218
26-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.80	AUD	ORD	1,808	1,808
26-May-22	BlackRock Advisors (UK) Limited	on mkt sell	8.85	AUD	ORD	-164,325	-164,325
26-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.80	AUD	ORD	787	787
26-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.80	AUD	ORD	275	275
26-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.80	AUD	ORD	254	254
26-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.80	AUD	ORD	-17,728	-17,728
26-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.80	AUD	ORD	-11,439	-11,439
26-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,295	22,295
27-May-22	BlackRock Advisors (UK) Limited	on mkt sell	8.72	AUD	ORD	-164	-164
27-May-22	BlackRock Advisors, LLC	on mkt buy	8.72	AUD	ORD	7,016	7,016
27-May-22	BlackRock Investment Management, LLC	on mkt sell	8.72	AUD	ORD	-8,185	-8,185
27-May-22	BlackRock Asset Management Canada Limited	on mkt buy	8.72	AUD	ORD	3,729	3,729
27-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	437	437
30-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.95	AUD	ORD	16,842	16,842
30-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	825	825
31-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,714	3,714
31-May-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	768	768

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-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.95	AUD	ORD	910	910
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.95	AUD	ORD	1,776	1,776
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.95	AUD	ORD	1,140	1,140
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.95	AUD	ORD	548	548
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.95	AUD	ORD	-4,010	-4,010
31-May-22	BlackRock Financial Management, Inc.	on mkt sell	8.95	AUD	ORD	-7,209	-7,209
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.95	AUD	ORD	26,541	26,541
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.95	AUD	ORD	4,274	4,274
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.95	AUD	ORD	10,014	10,014
31-May-22	BlackRock Asset Management Canada Limited	on mkt buy	8.95	AUD	ORD	2,053	2,053
31-May-22	BlackRock Asset Management Canada Limited	on mkt buy	8.95	AUD	ORD	7,607	7,607
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.95	AUD	ORD	-17,126	-17,126
31-May-22	BlackRock Asset Management Canada Limited	on mkt sell	8.95	AUD	ORD	-9,567	-9,567
31-May-22	BlackRock Advisors (UK) Limited	on mkt sell	8.95	AUD	ORD	-414,626	-414,626
31-May-22	BlackRock Fund Advisors	on mkt sell	8.95	AUD	ORD	-886,105	-886,105
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.95	AUD	ORD	-5,335	-5,335
31-May-22	BlackRock Financial Management, Inc.	on mkt sell	8.95	AUD	ORD	-41,185	-41,185
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.95	AUD	ORD	-8,720	-8,720
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.95	AUD	ORD	-15,303	-15,303
31-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.95	AUD	ORD	30,054	30,054
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.95	AUD	ORD	1,010	1,010
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.95	AUD	ORD	3,636	3,636
31-May-22	BlackRock Asset Management Canada Limited	on mkt buy	8.95	AUD	ORD	37,370	37,370
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.95	AUD	ORD	177,555	177,555
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.95	AUD	ORD	66,591	66,591
31-May-22	BlackRock Fund Advisors	on mkt buy	8.95	AUD	ORD	310,860	310,860
31-May-22	BlackRock Fund Advisors	on mkt buy	8.95	AUD	ORD	78,928	78,928
31-May-22	BlackRock Asset Management Canada Limited	on mkt buy	8.95	AUD	ORD	761	761
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.95	AUD	ORD	1,698	1,698
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.95	AUD	ORD	3,033	3,033
31-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.95	AUD	ORD	28,406	28,406
31-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.95	AUD	ORD	46,217	46,217
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.95	AUD	ORD	108,688	108,688
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.95	AUD	ORD	30,798	30,798
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.95	AUD	ORD	3,990	3,990
31-May-22	BlackRock Fund Advisors	on mkt buy	8.95	AUD	ORD	93,431	93,431
31-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.95	AUD	ORD	11,694	11,694
31-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.95	AUD	ORD	34,994	34,994
31-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.95	AUD	ORD	9,494	9,494
31-May-22	BlackRock Advisors, LLC	on mkt buy	8.95	AUD	ORD	12,637	12,637
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.95	AUD	ORD	19,261	19,261
31-May-22	BlackRock Investment Management, LLC	on mkt buy	8.95	AUD	ORD	8,185	8,185
31-May-22	BlackRock Fund Advisors	on mkt buy	8.95	AUD	ORD	12,517	12,517
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.95	AUD	ORD	97,489	97,489
31-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.95	AUD	ORD	11,403	11,403

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-May-22	BlackRock Advisors, LLC	on mkt buy	8.95	AUD	ORD	2,215	2,215
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.95	AUD	ORD	29,268	29,268
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.95	AUD	ORD	10,250	10,250
31-May-22	BlackRock Advisors (UK) Limited	on mkt buy	8.95	AUD	ORD	4,548	4,548
31-May-22	BlackRock Advisors (UK) Limited	on mkt sell	8.95	AUD	ORD	-149,225	-149,225
31-May-22	BlackRock Fund Advisors	on mkt buy	8.95	AUD	ORD	9,928	9,928
31-May-22	BlackRock Fund Advisors	on mkt sell	8.95	AUD	ORD	-318,912	-318,912
31-May-22	BlackRock Investment Management, LLC	on mkt buy	8.95	AUD	ORD	1,722	1,722
31-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.95	AUD	ORD	8,351	8,351
31-May-22	BlackRock Advisors, LLC	on mkt buy	8.95	AUD	ORD	18,987	18,987
31-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.95	AUD	ORD	5,820	5,820
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.95	AUD	ORD	-3,139	-3,139
31-May-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.95	AUD	ORD	-5,507	-5,507
31-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.95	AUD	ORD	33,303	33,303
31-May-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	43,776	43,776
01-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.72	AUD	ORD	3,669	3,669
01-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.72	AUD	ORD	35,075	35,075
01-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.72	AUD	ORD	2,571	2,571
01-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.72	AUD	ORD	5,176	5,176
01-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.72	AUD	ORD	688	688
01-Jun-22	BlackRock Investment Management, LLC	on mkt buy	8.72	AUD	ORD	13,260	13,260
01-Jun-22	BlackRock Financial Management, Inc.	on mkt buy	8.72	AUD	ORD	2,560	2,560
01-Jun-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	29,250	29,250
01-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-45,038	-45,038
01-Jun-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	14,620	14,620
01-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	155,892	155,892
01-Jun-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	771	771
02-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,156	3,156
02-Jun-22	BlackRock Fund Advisors	on mkt buy	8.76	AUD	ORD	5,280	5,280
02-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.70	AUD	ORD	45,484	45,484
02-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.67	AUD	ORD	2,277	2,277
02-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.67	AUD	ORD	1,727	1,727
02-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.67	AUD	ORD	25,530	25,530
02-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33,012	33,012
02-Jun-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-29,250	-29,250
02-Jun-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-14,620	-14,620
02-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-155,892	-155,892
02-Jun-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-771	-771
03-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.85	AUD	ORD	4,165	4,165
03-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.85	AUD	ORD	4,507	4,507
03-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.79	AUD	ORD	21,725	21,725
03-Jun-22	BlackRock Advisors, LLC	on mkt buy	8.79	AUD	ORD	16,721	16,721
03-Jun-22	BlackRock Advisors, LLC	in specie	n/a	AUD	ORD	-5,812	-5,812
03-Jun-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	5,812	5,812
06-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.58	AUD	ORD	-90,225	-90,225
06-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.58	AUD	ORD	-10,113	-10,113
06-Jun-22	BlackRock Advisors, LLC	on mkt buy	8.58	AUD	ORD	18,036	18,036
06-Jun-22	BlackRock Advisors, LLC	on mkt buy	8.58	AUD	ORD	1,861	1,861
06-Jun-22	BlackRock Japan Co., Ltd.	on mkt buy	8.58	AUD	ORD	18,744	18,744

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
06-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	8.58	AUD	ORD	7,114	7,114
06-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	121,928	121,928
06-Jun-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	44,671	44,671
06-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	228	228
07-Jun-22	BlackRock Fund Advisors	on mkt buy	8.53	AUD	ORD	36,633	36,633
07-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.53	AUD	ORD	1,975	1,975
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.53	AUD	ORD	5,142	5,142
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.53	AUD	ORD	41	41
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.53	AUD	ORD	82	82
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.52	AUD	ORD	-52,648	-52,648
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.53	AUD	ORD	498	498
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.53	AUD	ORD	166	166
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.53	AUD	ORD	1,820	1,820
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.53	AUD	ORD	1,100	1,100
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.53	AUD	ORD	2,200	2,200
07-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.53	AUD	ORD	1,320	1,320
07-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-121,928	-121,928
07-Jun-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-44,671	-44,671
07-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-228	-228
08-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,782	1,782
08-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	37,728	37,728
08-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.71	AUD	ORD	1,271	1,271
08-Jun-22	BlackRock Fund Advisors	on mkt buy	8.71	AUD	ORD	4,276	4,276
08-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.71	AUD	ORD	3,463	3,463
08-Jun-22	BlackRock Advisors, LLC	on mkt buy	8.71	AUD	ORD	36,885	36,885
08-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.71	AUD	ORD	1,388	1,388
08-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.71	AUD	ORD	6,350	6,350
08-Jun-22	BlackRock Advisors, LLC	on mkt buy	8.71	AUD	ORD	4,065	4,065
08-Jun-22	BlackRock Investment Management, LLC	on mkt buy	8.71	AUD	ORD	1,761	1,761
08-Jun-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.72	AUD	ORD	-351,252	-351,252
08-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.71	AUD	ORD	4,792	4,792
08-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.71	AUD	ORD	25,242	25,242
08-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.71	AUD	ORD	10,875	10,875
08-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.71	AUD	ORD	26,357	26,357
08-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.71	AUD	ORD	133,695	133,695
08-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.73	AUD	ORD	653	653
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.73	AUD	ORD	7,713	7,713
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.73	AUD	ORD	-157,944	-157,944
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.73	AUD	ORD	1,554	1,554
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.73	AUD	ORD	1,110	1,110
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.73	AUD	ORD	1,332	1,332
08-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.73	AUD	ORD	1,340	1,340
08-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	8.73	AUD	ORD	24,082	24,082
08-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	8.73	AUD	ORD	46,874	46,874
08-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.73	AUD	ORD	-17,425	-17,425
08-Jun-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	18,439	18,439
08-Jun-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-18,439	-18,439
08-Jun-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	47,527	47,527
08-Jun-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	28,645	28,645
08-Jun-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	72,180	72,180
08-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	229,263	229,263

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
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	72,995	72,995
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,344	1,344
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,381	3,381
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,162	1,162
09-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,370	8,370
09-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.55	AUD	ORD	3,117	3,117
09-Jun-22	BlackRock Advisors, LLC	on mkt buy	8.62	AUD	ORD	88,408	88,408
09-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.48	AUD	ORD	23,700	23,700
09-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.48	AUD	ORD	10,284	10,284
09-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.48	AUD	ORD	504	504
09-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.48	AUD	ORD	1,085	1,085
09-Jun-22	BlackRock Fund Advisors	on mkt sell	8.48	AUD	ORD	-16,142	-16,142
09-Jun-22	BlackRock Fund Advisors	on mkt sell	8.48	AUD	ORD	-114,139	-114,139
09-Jun-22	BlackRock Fund Advisors	on mkt sell	8.48	AUD	ORD	-36,584	-36,584
09-Jun-22	BlackRock Fund Advisors	on mkt sell	8.48	AUD	ORD	-9,373	-9,373
09-Jun-22	BlackRock Fund Advisors	on mkt sell	8.48	AUD	ORD	-1,534	-1,534
09-Jun-22	BlackRock Fund Advisors	on mkt sell	8.48	AUD	ORD	-46,832	-46,832
09-Jun-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-47,527	-47,527
09-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	482,183	482,183
09-Jun-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-28,645	-28,645
09-Jun-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-72,180	-72,180
09-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-229,263	-229,263
09-Jun-22	APERIO GROUP LLC	in specie	n/a	AUD	ORD	234	234
10-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,840	22,840
10-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,930	-9,930
10-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-37,734	-37,734
10-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,958	-5,958
10-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,300	3,300
10-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,743	1,743
10-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.27	AUD	ORD	3,906	3,906
10-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.27	AUD	ORD	6,494	6,494
10-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.27	AUD	ORD	28,986	28,986
10-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.27	AUD	ORD	8,989	8,989
10-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.27	AUD	ORD	34,546	34,546
10-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.32	AUD	ORD	4,247	4,247
10-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.32	AUD	ORD	15,426	15,426
10-Jun-22	BlackRock Fund Advisors	on mkt sell	8.32	AUD	ORD	-10,573	-10,573
10-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.32	AUD	ORD	312,353	312,353
10-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	136,742	136,742
13-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	899	899
13-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-617,184	-617,184
13-Jun-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-150,407	-150,407
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	7.79	AUD	ORD	7,029	7,029
14-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.95	AUD	ORD	107,329	107,329
14-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.95	AUD	ORD	1,007	1,007
14-Jun-22	BlackRock Japan Co., Ltd.	on mkt sell	7.84	AUD	ORD	-31,958	-31,958
14-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,986	-1,986
14-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,840	22,840
14-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,592	2,592
14-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.06	AUD	ORD	1,975	1,975
14-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.06	AUD	ORD	1,975	1,975
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.06	AUD	ORD	2,571	2,571
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.06	AUD	ORD	-2,571	-2,571
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.06	AUD	ORD	-2,571	-2,571
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.06	AUD	ORD	-123	-123
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.06	AUD	ORD	-252	-252
14-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.06	AUD	ORD	2,778	2,778

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
14-Jun-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.06	AUD	ORD	-12,381	-12,381
14-Jun-22	BlackRock Advisors, LLC	on mkt buy	8.06	AUD	ORD	6,112	6,112
14-Jun-22	BlackRock Financial Management, Inc.	on mkt buy	8.06	AUD	ORD	10,693	10,693
14-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	8.06	AUD	ORD	4,569	4,569
14-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	100,496	100,496
14-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	373,890	373,890
14-Jun-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	635,889	635,889
14-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	101,231	101,231
15-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.98	AUD	ORD	1,218	1,218
15-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.89	AUD	ORD	-1,866	-1,866
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.93	AUD	ORD	10,066	10,066
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.98	AUD	ORD	17,643	17,643
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.98	AUD	ORD	7,770	7,770
15-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.98	AUD	ORD	4,812	4,812
15-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	7.98	AUD	ORD	-12,855	-12,855
15-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	7.98	AUD	ORD	-46,067	-46,067
15-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	745,946	745,946
15-Jun-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-635,889	-635,889
15-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-101,231	-101,231
16-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,408	-27,408
16-Jun-22	BlackRock Japan Co., Ltd.	on mkt sell	8.11	AUD	ORD	-29,177	-29,177
16-Jun-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.11	AUD	ORD	-336,705	-336,705
16-Jun-22	BlackRock Japan Co., Ltd.	on mkt sell	8.11	AUD	ORD	-28,328	-28,328
16-Jun-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.11	AUD	ORD	-1,131,541	-1,131,541
16-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.10	AUD	ORD	2,340	2,340
16-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.18	AUD	ORD	653	653
16-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.18	AUD	ORD	3,609	3,609
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.18	AUD	ORD	779	779
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.18	AUD	ORD	7,764	7,764
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.18	AUD	ORD	-816	-816
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.18	AUD	ORD	-160	-160
16-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.18	AUD	ORD	-10,460	-10,460
16-Jun-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	741,024	741,024
16-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,121,577	-1,121,577
17-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,986	-1,986
17-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,315	15,315
17-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,230	3,230
17-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.53	AUD	ORD	451	451
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.52	AUD	ORD	4,320	4,320
17-Jun-22	BlackRock Investment Management, LLC	on mkt sell	8.32	AUD	ORD	-314	-314
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.52	AUD	ORD	67,665	67,665
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.60	AUD	ORD	-38,688	-38,688
17-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.60	AUD	ORD	-12,855	-12,855
17-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.60	AUD	ORD	910	910
17-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.60	AUD	ORD	-10,304	-10,304
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.60	AUD	ORD	4,248	4,248
17-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.60	AUD	ORD	4,385	4,385
17-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.60	AUD	ORD	-95,816	-95,816

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-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.60	AUD	ORD	12,074	12,074
17-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.60	AUD	ORD	7,828	7,828
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.60	AUD	ORD	12,104	12,104
17-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.60	AUD	ORD	25,090	25,090
17-Jun-22	BlackRock Fund Advisors	on mkt buy	8.60	AUD	ORD	11,088	11,088
17-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.60	AUD	ORD	6,148	6,148
17-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.60	AUD	ORD	4,411	4,411
17-Jun-22	BlackRock Financial Management, Inc.	on mkt buy	8.60	AUD	ORD	8,440	8,440
17-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,136	9,136
17-Jun-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-741,024	-741,024
20-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.08	AUD	ORD	6,604	6,604
21-Jun-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.07	AUD	ORD	-628,171	-628,171
21-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.17	AUD	ORD	22,861	22,861
21-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.12	AUD	ORD	-10,284	-10,284
21-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.12	AUD	ORD	-5,176	-5,176
21-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.12	AUD	ORD	504	504
21-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	133,796	133,796
22-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,165	3,165
22-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,532	2,532
22-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,220	-1,220
22-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,338	1,338
22-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.17	AUD	ORD	389	389
22-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.17	AUD	ORD	15,723	15,723
22-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.17	AUD	ORD	74,669	74,669
22-Jun-22	BlackRock Advisors, LLC	on mkt buy	8.20	AUD	ORD	5,037	5,037
22-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.20	AUD	ORD	639	639
22-Jun-22	BlackRock Advisors, LLC	on mkt buy	8.20	AUD	ORD	44	44
22-Jun-22	BlackRock Advisors, LLC	on mkt buy	8.20	AUD	ORD	1,470	1,470
22-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.17	AUD	ORD	26,615	26,615
22-Jun-22	BlackRock Investment Management, LLC	on mkt buy	8.20	AUD	ORD	753	753
22-Jun-22	BlackRock (Singapore) Limited	on mkt buy	8.20	AUD	ORD	4,375	4,375
22-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.20	AUD	ORD	60	60
22-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.17	AUD	ORD	41,584	41,584
22-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.17	AUD	ORD	237,554	237,554
22-Jun-22	BlackRock Investment Management, LLC	on mkt buy	8.20	AUD	ORD	875	875
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.10	AUD	ORD	5,142	5,142
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.10	AUD	ORD	-451	-451
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.10	AUD	ORD	99,135	99,135
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.16	AUD	ORD	66,090	66,090
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.10	AUD	ORD	-6,609	-6,609
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	8.10	AUD	ORD	-7,764	-7,764
22-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	8.10	AUD	ORD	1,002	1,002
22-Jun-22	BlackRock Advisors, LLC	on mkt buy	8.10	AUD	ORD	6,479	6,479
22-Jun-22	BlackRock Advisors, LLC	on mkt buy	8.10	AUD	ORD	1,822	1,822
22-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	8.10	AUD	ORD	1,990	1,990
22-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	8.10	AUD	ORD	6,427	6,427
22-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-133,796	-133,796
22-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	718,295	718,295
23-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,972	-3,972
23-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,872	3,872
23-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,007	2,007
23-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.98	AUD	ORD	1,036	1,036
23-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.94	AUD	ORD	7,254	7,254

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-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	7.94	AUD	ORD	1,002	1,002
23-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	7.94	AUD	ORD	1,338	1,338
23-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	7.94	AUD	ORD	504	504
23-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-718,295	-718,295
24-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,264	12,264
24-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,642	3,642
24-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.94	AUD	ORD	-281	-281
24-Jun-22	BlackRock Japan Co., Ltd.	on mkt buy	7.97	AUD	ORD	104,427	104,427
24-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.99	AUD	ORD	1,975	1,975
24-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	7.99	AUD	ORD	-5,142	-5,142
24-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	7.99	AUD	ORD	-5,176	-5,176
24-Jun-22	BlackRock Asset Management Canada Limited	on mkt buy	7.99	AUD	ORD	2,908	2,908
24-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.99	AUD	ORD	31,670	31,670
24-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	7.99	AUD	ORD	-46,761	-46,761
24-Jun-22	BlackRock Financial Management, Inc.	on mkt sell	7.99	AUD	ORD	-2,186	-2,186
27-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,195	3,195
27-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.03	AUD	ORD	230,527	230,527
27-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.03	AUD	ORD	99,167	99,167
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	7.02	AUD	ORD	13,220	13,220
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	7.02	AUD	ORD	171,860	171,860
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	7.02	AUD	ORD	-5,176	-5,176
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	7.02	AUD	ORD	-4,928	-4,928
27-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	7.02	AUD	ORD	-260	-260
27-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.02	AUD	ORD	4,158	4,158
27-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	7.02	AUD	ORD	-3,888	-3,888
27-Jun-22	BlackRock Investment Management, LLC	on mkt sell	7.02	AUD	ORD	-2,058	-2,058
27-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.02	AUD	ORD	1,788	1,788
27-Jun-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	133,801	133,801
28-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,898	2,898
28-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,818	-13,818
28-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.45	AUD	ORD	37,525	37,525
28-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	7.45	AUD	ORD	-30,852	-30,852
28-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	7.45	AUD	ORD	164	164
28-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	7.45	AUD	ORD	5,176	5,176
28-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	7.45	AUD	ORD	544	544
28-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	7.45	AUD	ORD	548	548
28-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.45	AUD	ORD	-14,978	-14,978
28-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.45	AUD	ORD	-6,137	-6,137
28-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.45	AUD	ORD	24,741	24,741
28-Jun-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.45	AUD	ORD	773	773
28-Jun-22	BlackRock Fund Advisors	on mkt buy	7.45	AUD	ORD	4,127	4,127
28-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.45	AUD	ORD	17,074	17,074
28-Jun-22	BlackRock Fund Advisors	on mkt buy	7.45	AUD	ORD	15,593	15,593
28-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,452	-25,452
28-Jun-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-133,801	-133,801
28-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	343,685	343,685
29-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,007	2,007
29-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,040	-4,040
29-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.03	AUD	ORD	15,800	15,800
29-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.06	AUD	ORD	12,763	12,763
29-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.06	AUD	ORD	70,176	70,176
29-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.06	AUD	ORD	74,679	74,679

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
29-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.04	AUD	ORD	-1,355	-1,355
29-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	7.03	AUD	ORD	-132,200	-132,200
29-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	7.03	AUD	ORD	168	168
29-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	7.03	AUD	ORD	168	168
29-Jun-22	BlackRock Fund Advisors	on mkt buy	7.03	AUD	ORD	79,866	79,866
29-Jun-22	BlackRock Fund Advisors	on mkt buy	7.03	AUD	ORD	6,421	6,421
29-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.03	AUD	ORD	-19,700	-19,700
29-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.03	AUD	ORD	3,599	3,599
29-Jun-22	BlackRock Advisors, LLC	on mkt sell	7.03	AUD	ORD	-27,363	-27,363
29-Jun-22	BlackRock Advisors, LLC	on mkt sell	7.03	AUD	ORD	-5,984	-5,984
29-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	7.03	AUD	ORD	-5,794	-5,794
29-Jun-22	BlackRock Asset Management Canada Limited	on mkt sell	7.03	AUD	ORD	-27,820	-27,820
29-Jun-22	BlackRock Investment Management, LLC	on mkt sell	7.03	AUD	ORD	-3,225	-3,225
29-Jun-22	BlackRock Fund Advisors	on mkt buy	7.03	AUD	ORD	78,871	78,871
29-Jun-22	BlackRock Fund Advisors	on mkt buy	7.03	AUD	ORD	6,343	6,343
29-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.03	AUD	ORD	3,555	3,555
29-Jun-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	6,086	6,086
29-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-90,024	-90,024
29-Jun-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1,071	1,071
29-Jun-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	57,750	57,750
29-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	21,365	21,365
29-Jun-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,066	4,066
30-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,586	1,586
30-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,586	1,586
30-Jun-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,069	3,069
30-Jun-22	BlackRock Advisors (UK) Limited	on mkt buy	6.84	AUD	ORD	2,655	2,655
30-Jun-22	BlackRock Advisors (UK) Limited	on mkt sell	6.84	AUD	ORD	-336	-336
30-Jun-22	BlackRock Investment Management (UK) Limited	on mkt sell	6.84	AUD	ORD	-957	-957
30-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.84	AUD	ORD	-423	-423
30-Jun-22	BlackRock Investment Management, LLC	on mkt sell	6.84	AUD	ORD	-687	-687
30-Jun-22	BlackRock Investment Management (UK) Limited	on mkt sell	6.84	AUD	ORD	-14,320	-14,320
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	6.84	AUD	ORD	-34,384	-34,384
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	6.84	AUD	ORD	-29,992	-29,992
30-Jun-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.84	AUD	ORD	-6,343	-6,343
30-Jun-22	BlackRock Investment Management (Australia) Limited	on mkt sell	6.84	AUD	ORD	-715	-715
30-Jun-22	BlackRock Investment Management, LLC	on mkt sell	6.84	AUD	ORD	-10,295	-10,295
30-Jun-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	2,312	2,312
30-Jun-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	57,924	57,924
30-Jun-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	400	400
30-Jun-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	29	29
30-Jun-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	7,488	7,488
30-Jun-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,568	1,568
01-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,683	4,683
01-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,745	-2,745
01-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,312	12,312
01-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.89	AUD	ORD	-610	-610
01-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.89	AUD	ORD	2,179	2,179
01-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.94	AUD	ORD	6,672	6,672

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
01-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	6.81	AUD	ORD	-1,264	-1,264
01-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.81	AUD	ORD	-14,490	-14,490
01-Jul-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	240	240
01-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-57,924	-57,924
01-Jul-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-28	-28
01-Jul-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-13,525	-13,525
01-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,177	1,177
01-Jul-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	341	341
04-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.06	AUD	ORD	7,116	7,116
04-Jul-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.06	AUD	ORD	18,468	18,468
04-Jul-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	28	28
04-Jul-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	25	25
04-Jul-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-315	-315
04-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	375	375
04-Jul-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-114	-114
05-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,040	-4,040
05-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.20	AUD	ORD	-1,119	-1,119
05-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.21	AUD	ORD	-5,930	-5,930
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.21	AUD	ORD	164	164
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.21	AUD	ORD	13,228	13,228
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.20	AUD	ORD	66,140	66,140
05-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.21	AUD	ORD	-692	-692
05-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.21	AUD	ORD	-36,277	-36,277
05-Jul-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	531	531
05-Jul-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	38	38
05-Jul-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,613	-1,613
05-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	816	816
05-Jul-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	228	228
06-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	36,848	36,848
06-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,424	-18,424
06-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.96	AUD	ORD	-883	-883
06-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	6.98	AUD	ORD	-81,209	-81,209
06-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	6.98	AUD	ORD	-266,844	-266,844
06-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.95	AUD	ORD	37,833	37,833
06-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.95	AUD	ORD	20,527	20,527
06-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.91	AUD	ORD	23,720	23,720
06-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.91	AUD	ORD	5,930	5,930
06-Jul-22	BlackRock Advisors, LLC	on mkt sell	6.91	AUD	ORD	-16,767	-16,767
06-Jul-22	BlackRock Advisors, LLC	on mkt sell	6.91	AUD	ORD	-5,721	-5,721
06-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	6.91	AUD	ORD	-5,893	-5,893
06-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	6.91	AUD	ORD	-20,964	-20,964
06-Jul-22	BlackRock Investment Management, LLC	on mkt buy	6.91	AUD	ORD	2,592	2,592
06-Jul-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-745	-745
06-Jul-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-8	-8

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
06-Jul-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,609	-1,609
06-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,631	2,631
06-Jul-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-268	-268
07-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	502	502
07-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	6.90	AUD	ORD	-2,369	-2,369
07-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	6.90	AUD	ORD	8,159	8,159
07-Jul-22	BlackRock Investment Management, LLC	on mkt sell	6.90	AUD	ORD	-760	-760
07-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.89	AUD	ORD	-3,726	-3,726
07-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	6.88	AUD	ORD	-475,083	-475,083
07-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	6.93	AUD	ORD	41	41
07-Jul-22	BlackRock Investment Management (UK) Limited	on mkt buy	6.93	AUD	ORD	3,400	3,400
07-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	6.93	AUD	ORD	19,051	19,051
07-Jul-22	BlackRock Investment Management, LLC	on mkt sell	6.93	AUD	ORD	-24,071	-24,071
07-Jul-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	23,052	23,052
07-Jul-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	15,196	15,196
07-Jul-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	27,711	27,711
07-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	176,830	176,830
07-Jul-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,115	1,115
08-Jul-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-218,356	-218,356
08-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.00	AUD	ORD	-9,186	-9,186
08-Jul-22	BlackRock Asset Management Canada Limited	on mkt buy	6.98	AUD	ORD	7,389	7,389
08-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.00	AUD	ORD	-554	-554
08-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.00	AUD	ORD	-70,636	-70,636
08-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.00	AUD	ORD	-9,136	-9,136
08-Jul-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	14,975	14,975
08-Jul-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	10,795	10,795
08-Jul-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	17,675	17,675
08-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	96,122	96,122
08-Jul-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	316	316
11-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.80	AUD	ORD	-8,469	-8,469
11-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	6.78	AUD	ORD	-251,366	-251,366
11-Jul-22	BlackRock Investment Management, LLC	on mkt sell	6.89	AUD	ORD	-793	-793
11-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.78	AUD	ORD	652	652
11-Jul-22	BlackRock Advisors, LLC	on mkt sell	6.78	AUD	ORD	-40,642	-40,642
11-Jul-22	BlackRock Advisors, LLC	on mkt sell	6.78	AUD	ORD	-11,058	-11,058
11-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	6.78	AUD	ORD	-11,289	-11,289
11-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	6.78	AUD	ORD	-38,360	-38,360
11-Jul-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	8,699	8,699
11-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	690,204	690,204
11-Jul-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	5,170	5,170
11-Jul-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	42,014	42,014
11-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	50,632	50,632

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-Jul-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	345	345
12-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.82	AUD	ORD	-5,309	-5,309
12-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.80	AUD	ORD	29,675	29,675
12-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	6.80	AUD	ORD	-85,878	-85,878
12-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,212	9,212
12-Jul-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-6,262	-6,262
12-Jul-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	26,781	26,781
12-Jul-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-15,351	-15,351
12-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-18,326	-18,326
12-Jul-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-242	-242
13-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.87	AUD	ORD	-4,342	-4,342
13-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.87	AUD	ORD	4,282	4,282
13-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.87	AUD	ORD	23,537	23,537
13-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.87	AUD	ORD	7,078	7,078
13-Jul-22	BlackRock Japan Co., Ltd.	on mkt buy	6.86	AUD	ORD	18,574	18,574
13-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.87	AUD	ORD	41,571	41,571
13-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.92	AUD	ORD	1,956	1,956
13-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	6.92	AUD	ORD	2,571	2,571
13-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.92	AUD	ORD	-70,411	-70,411
13-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.92	AUD	ORD	-5,734	-5,734
13-Jul-22	BlackRock Investment Management, LLC	on mkt sell	6.92	AUD	ORD	-2,149	-2,149
13-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.92	AUD	ORD	-18,114	-18,114
13-Jul-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-26,920	-26,920
13-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,275,624	3,275,624
13-Jul-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-8,329	-8,329
13-Jul-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-47,575	-47,575
13-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-70,474	-70,474
13-Jul-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-6,139	-6,139
14-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.96	AUD	ORD	-5,613	-5,613
14-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.92	AUD	ORD	4,748	4,748
14-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.92	AUD	ORD	5,935	5,935
14-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	6.92	AUD	ORD	6,606	6,606
14-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	6.92	AUD	ORD	-16,668	-16,668
14-Jul-22	BlackRock Investment Management, LLC	on mkt sell	6.92	AUD	ORD	-23,981	-23,981
14-Jul-22	BlackRock Investment Management, LLC	on mkt sell	6.92	AUD	ORD	-1,992	-1,992
14-Jul-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	30,155	30,155
14-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	12,709	12,709
14-Jul-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	43,884	43,884
14-Jul-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	56,578	56,578
14-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	247,333	247,333
14-Jul-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,217	-1,217
15-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,060	-6,060
15-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,030	23,030
15-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,437	8,437

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-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.74	AUD	ORD	-7,700	-7,700
15-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.75	AUD	ORD	8,927	8,927
15-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.75	AUD	ORD	43,616	43,616
15-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.75	AUD	ORD	53,801	53,801
15-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	6.74	AUD	ORD	-27,902	-27,902
15-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.75	AUD	ORD	7,122	7,122
15-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	6.75	AUD	ORD	13,212	13,212
15-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	6.75	AUD	ORD	-66,060	-66,060
15-Jul-22	BlackRock Advisors, LLC	on mkt sell	6.75	AUD	ORD	-32,208	-32,208
15-Jul-22	BlackRock Advisors, LLC	on mkt sell	6.75	AUD	ORD	-9,279	-9,279
15-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	6.75	AUD	ORD	-8,450	-8,450
15-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	6.75	AUD	ORD	-29,330	-29,330
15-Jul-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-52,149	-52,149
15-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	961,783	961,783
15-Jul-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-94,995	-94,995
15-Jul-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-121,768	-121,768
15-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-515,968	-515,968
18-Jul-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-57,951	-57,951
18-Jul-22	BlackRock Advisors, LLC	on mkt sell	6.79	AUD	ORD	-49,557	-49,557
18-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.79	AUD	ORD	-5,722	-5,722
18-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.77	AUD	ORD	-53,005	-53,005
18-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.77	AUD	ORD	-5,220	-5,220
18-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	6.77	AUD	ORD	-59,454	-59,454
18-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-684,131	-684,131
19-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,230	9,230
19-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.74	AUD	ORD	-8,050	-8,050
19-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,090	3,090
19-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.74	AUD	ORD	2,668	2,668
19-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.74	AUD	ORD	14,577	14,577
19-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.74	AUD	ORD	33,489	33,489
19-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	6.76	AUD	ORD	-30,852	-30,852
19-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	6.76	AUD	ORD	123	123
19-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	6.76	AUD	ORD	-5,254	-5,254
19-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	6.76	AUD	ORD	864	864
19-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.76	AUD	ORD	-93,779	-93,779
19-Jul-22	BlackRock Advisors, LLC	on mkt sell	6.76	AUD	ORD	-36,114	-36,114
19-Jul-22	BlackRock Advisors, LLC	on mkt sell	6.76	AUD	ORD	-9,329	-9,329
19-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	6.76	AUD	ORD	-7,043	-7,043
19-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	6.76	AUD	ORD	-29,905	-29,905
19-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.76	AUD	ORD	24,927	24,927
19-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,645,382	-2,645,382
20-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	305	305
20-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,007	2,007
20-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	6.83	AUD	ORD	1,097	1,097
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	6.76	AUD	ORD	-8,655	-8,655
20-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.82	AUD	ORD	-4,399	-4,399
20-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.82	AUD	ORD	-3,008	-3,008
20-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.82	AUD	ORD	-2,216	-2,216

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-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.90	AUD	ORD	8,309	8,309
20-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.90	AUD	ORD	31,296	31,296
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	6.90	AUD	ORD	6,606	6,606
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	6.90	AUD	ORD	1,115	1,115
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	6.90	AUD	ORD	892	892
20-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	6.90	AUD	ORD	831	831
20-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	6.90	AUD	ORD	-105,314	-105,314
20-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	44,542	44,542
20-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	440,250	440,250
21-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,693	5,693
21-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,079	17,079
21-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,030	1,030
21-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,488	2,488
21-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,772	22,772
21-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	6.82	AUD	ORD	-15,091	-15,091
21-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.94	AUD	ORD	-8,615	-8,615
21-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,772	22,772
21-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.98	AUD	ORD	17,805	17,805
21-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	6.98	AUD	ORD	-5,556	-5,556
21-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	6.98	AUD	ORD	-2,277	-2,277
21-Jul-22	BlackRock Investment Management, LLC	on mkt sell	6.98	AUD	ORD	-37,382	-37,382
21-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,386	11,386
21-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	420,294	420,294
21-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-328,954	-328,954
22-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,278	11,278
22-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,917	16,917
22-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.11	AUD	ORD	-14,271	-14,271
22-Jul-22	BlackRock Advisors, LLC	on mkt sell	7.10	AUD	ORD	-16,109	-16,109
22-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.12	AUD	ORD	-1,701	-1,701
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.12	AUD	ORD	-5,142	-5,142
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.12	AUD	ORD	1,554	1,554
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.12	AUD	ORD	-6,831	-6,831
22-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.12	AUD	ORD	-2,277	-2,277
22-Jul-22	BlackRock Advisors, LLC	on mkt sell	7.12	AUD	ORD	-45,028	-45,028
22-Jul-22	BlackRock Advisors, LLC	on mkt sell	7.12	AUD	ORD	-12,667	-12,667
22-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	7.12	AUD	ORD	-8,559	-8,559
22-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	7.12	AUD	ORD	-43,183	-43,183
22-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,101,852	-1,101,852
22-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	884,043	884,043
25-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,286	11,286
25-Jul-22	BlackRock Advisors, LLC	on mkt sell	7.06	AUD	ORD	-15,968	-15,968
25-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.31	AUD	ORD	9,496	9,496
25-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.31	AUD	ORD	-12,855	-12,855
25-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.31	AUD	ORD	2,585	2,585
25-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.31	AUD	ORD	-76,892	-76,892
25-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.31	AUD	ORD	-6,906	-6,906
25-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	84,645	84,645
25-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	135,056	135,056
25-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-342,253	-342,253
26-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,587	5,587
26-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.29	AUD	ORD	-342	-342
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.28	AUD	ORD	26,424	26,424
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.28	AUD	ORD	-39,636	-39,636
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.28	AUD	ORD	2,585	2,585
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.28	AUD	ORD	7,755	7,755
26-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.28	AUD	ORD	336	336

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
26-Jul-22	BlackRock Advisors, LLC	on mkt sell	7.28	AUD	ORD	-28,628	-28,628
26-Jul-22	BlackRock Advisors, LLC	on mkt sell	7.28	AUD	ORD	-7,166	-7,166
26-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	7.28	AUD	ORD	-9,449	-9,449
26-Jul-22	BlackRock Asset Management Canada Limited	on mkt sell	7.28	AUD	ORD	-33,183	-33,183
26-Jul-22	BlackRock Asset Management Canada Limited	on mkt buy	7.28	AUD	ORD	55,897	55,897
26-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-36,848	-36,848
26-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	501,201	501,201
26-Jul-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-653,086	-653,086
27-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,566	5,566
27-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,060	-6,060
27-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,566	5,566
27-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,018	6,018
27-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.39	AUD	ORD	-437	-437
27-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.38	AUD	ORD	-4,583	-4,583
27-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.38	AUD	ORD	-24,486	-24,486
27-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.38	AUD	ORD	-33,246	-33,246
27-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.35	AUD	ORD	31,296	31,296
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.35	AUD	ORD	-2,571	-2,571
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.35	AUD	ORD	79,272	79,272
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.37	AUD	ORD	52,848	52,848
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.35	AUD	ORD	-2,285	-2,285
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.35	AUD	ORD	-672	-672
27-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.35	AUD	ORD	544	544
27-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.35	AUD	ORD	-89,822	-89,822
27-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.35	AUD	ORD	-8,228	-8,228
27-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.35	AUD	ORD	26,898	26,898
27-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.35	AUD	ORD	2,458	2,458
27-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,132	11,132
27-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-468,501	-468,501
28-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,020	-2,020
28-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,589	5,589
28-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.52	AUD	ORD	-318	-318
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.54	AUD	ORD	6,606	6,606
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.54	AUD	ORD	-7,755	-7,755
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.54	AUD	ORD	1,115	1,115
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.54	AUD	ORD	-2,272	-2,272
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.54	AUD	ORD	-2,272	-2,272
28-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.54	AUD	ORD	2,661	2,661
28-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.54	AUD	ORD	-9,387	-9,387
28-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-428,080	-428,080
29-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,424	-18,424
29-Jul-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,664	15,664
29-Jul-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.74	AUD	ORD	190,750	190,750
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.84	AUD	ORD	5,142	5,142
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.79	AUD	ORD	33,030	33,030
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.84	AUD	ORD	672	672
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.84	AUD	ORD	504	504
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.84	AUD	ORD	2,007	2,007
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt buy	7.84	AUD	ORD	1,375	1,375
29-Jul-22	BlackRock Advisors (UK) Limited	on mkt sell	7.84	AUD	ORD	-6,813	-6,813
29-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.84	AUD	ORD	-2,612	-2,612
29-Jul-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.84	AUD	ORD	-23,331	-23,331
29-Jul-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.84	AUD	ORD	12,953	12,953
29-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.84	AUD	ORD	94,067	94,067

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
29-Jul-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.84	AUD	ORD	24,389	24,389
29-Jul-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.84	AUD	ORD	100,190	100,190
29-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.84	AUD	ORD	-72,872	-72,872
29-Jul-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.84	AUD	ORD	-6,958	-6,958
29-Jul-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-967,128	-967,128
01-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,544	5,544
01-Aug-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.94	AUD	ORD	1,021,801	1,021,801
01-Aug-22	BlackRock Advisors, LLC	on mkt sell	7.87	AUD	ORD	-35,837	-35,837
01-Aug-22	BlackRock Advisors, LLC	on mkt sell	7.87	AUD	ORD	-5,130	-5,130
01-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.87	AUD	ORD	514	514
01-Aug-22	BlackRock Asset Management Canada Limited	on mkt sell	7.87	AUD	ORD	-1,299	-1,299
01-Aug-22	BlackRock Asset Management Canada Limited	on mkt sell	7.87	AUD	ORD	-30,077	-30,077
01-Aug-22	BlackRock Advisors, LLC	on mkt sell	7.87	AUD	ORD	-248	-248
01-Aug-22	BlackRock Advisors, LLC	on mkt sell	7.87	AUD	ORD	-35	-35
01-Aug-22	BlackRock Asset Management Canada Limited	on mkt sell	7.87	AUD	ORD	-8	-8
01-Aug-22	BlackRock Asset Management Canada Limited	on mkt sell	7.87	AUD	ORD	-208	-208
01-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	962,727	962,727
02-Aug-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	64,450	64,450
02-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,424	-18,424
02-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,212	-9,212
02-Aug-22	BlackRock Fund Advisors	on mkt sell	7.99	AUD	ORD	-3,444	-3,444
02-Aug-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.99	AUD	ORD	-3,660	-3,660
02-Aug-22	BlackRock Advisors, LLC	on mkt sell	7.99	AUD	ORD	-20,575	-20,575
02-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.99	AUD	ORD	-4,695	-4,695
02-Aug-22	BlackRock Advisors, LLC	on mkt sell	7.99	AUD	ORD	-2,845	-2,845
02-Aug-22	BlackRock Investment Management, LLC	on mkt sell	7.99	AUD	ORD	-2,507	-2,507
02-Aug-22	BlackRock Advisors, LLC	on mkt sell	7.97	AUD	ORD	-93,553	-93,553
02-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.97	AUD	ORD	-10,055	-10,055
02-Aug-22	BlackRock Advisors, LLC	on mkt sell	7.97	AUD	ORD	-706	-706
02-Aug-22	BlackRock Advisors, LLC	on mkt sell	7.97	AUD	ORD	-21,746	-21,746
02-Aug-22	BlackRock Investment Management, LLC	on mkt sell	7.97	AUD	ORD	-14,566	-14,566
02-Aug-22	BlackRock (Singapore) Limited	on mkt sell	7.97	AUD	ORD	-69,443	-69,443
02-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.97	AUD	ORD	-1,605	-1,605
02-Aug-22	BlackRock Investment Management, LLC	on mkt sell	7.97	AUD	ORD	-9,833	-9,833
02-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.07	AUD	ORD	11,870	11,870
02-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	8.07	AUD	ORD	-2,270	-2,270
02-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	8.07	AUD	ORD	-2,270	-2,270
02-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.07	AUD	ORD	-41,031	-41,031
02-Aug-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-4,215	-4,215
02-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,176	22,176
02-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	63,659	63,659
02-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-280,600	-280,600
03-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,020	-2,020
03-Aug-22	BlackRock Advisors, LLC	on mkt sell	7.96	AUD	ORD	-46,806	-46,806
03-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.98	AUD	ORD	-28,590	-28,590
03-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.97	AUD	ORD	-32,293	-32,293
03-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.97	AUD	ORD	-103,549	-103,549
03-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	7.99	AUD	ORD	-2,571	-2,571
03-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	7.99	AUD	ORD	-10,340	-10,340

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
03-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	7.99	AUD	ORD	660	660
03-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.99	AUD	ORD	-76,032	-76,032
03-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.99	AUD	ORD	-5,369	-5,369
03-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.99	AUD	ORD	27,431	27,431
03-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,380	-19,380
03-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,370	-1,370
03-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-470,740	-470,740
04-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	744	744
04-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,048	3,048
04-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,426	6,426
04-Aug-22	BlackRock Japan Co., Ltd.	on mkt sell	7.93	AUD	ORD	-57,329	-57,329
04-Aug-22	BlackRock Asset Management North Asia Limited	on mkt sell	7.87	AUD	ORD	-9,860	-9,860
04-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.93	AUD	ORD	-77,038	-77,038
04-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.98	AUD	ORD	27,608	27,608
04-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.98	AUD	ORD	-45,106	-45,106
04-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	7.98	AUD	ORD	200	200
04-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	7.98	AUD	ORD	1,540	1,540
04-Aug-22	BlackRock Asset Management Canada Limited	on mkt buy	7.98	AUD	ORD	852	852
04-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-12,878	-12,878
04-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-49,000	-49,000
05-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.23	AUD	ORD	765	765
05-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.23	AUD	ORD	3,561	3,561
05-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	8.23	AUD	ORD	-2,571	-2,571
05-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	8.22	AUD	ORD	984	984
05-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	8.23	AUD	ORD	41	41
05-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-16,188	-16,188
05-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	338,455	338,455
08-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.22	AUD	ORD	-49,854	-49,854
08-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	8.22	AUD	ORD	7,755	7,755
08-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.22	AUD	ORD	-45,197	-45,197
08-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4,124	-4,124
08-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	120,517	120,517
09-Aug-22	BlackRock Advisors, LLC	on mkt sell	8.33	AUD	ORD	-13,762	-13,762
09-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.33	AUD	ORD	11,870	11,870
09-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.33	AUD	ORD	7,122	7,122
09-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.33	AUD	ORD	8,447	8,447
09-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-29,099	-29,099
09-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,467,859	1,467,859
10-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33,528	33,528
10-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.33	AUD	ORD	7,252	7,252
10-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.34	AUD	ORD	-18,033	-18,033
10-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.33	AUD	ORD	-1,463	-1,463
10-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.34	AUD	ORD	-37,470	-37,470
10-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	8.28	AUD	ORD	-2,571	-2,571
10-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	8.28	AUD	ORD	-1,820	-1,820
10-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.28	AUD	ORD	-6,286	-6,286
10-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.28	AUD	ORD	-99,892	-99,892
10-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.28	AUD	ORD	20,552	20,552

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
10-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.28	AUD	ORD	4,862	4,862
10-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,536	-19,536
10-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,342,444	-1,342,444
11-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,458	-16,458
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.43	AUD	ORD	765	765
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.43	AUD	ORD	765	765
11-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	8.43	AUD	ORD	6,610	6,610
11-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	8.43	AUD	ORD	440	440
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.43	AUD	ORD	4,442	4,442
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.43	AUD	ORD	13,397	13,397
11-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.43	AUD	ORD	5,385	5,385
11-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-746,774	-746,774
12-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,140	-14,140
12-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.32	AUD	ORD	-36,096	-36,096
12-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	8.32	AUD	ORD	26,440	26,440
12-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	8.26	AUD	ORD	1,320	1,320
12-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	8.26	AUD	ORD	-168	-168
12-Aug-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	192,689	192,689
15-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.19	AUD	ORD	5,916	5,916
15-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	8.19	AUD	ORD	2,200	2,200
15-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	8.19	AUD	ORD	440	440
15-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	8.19	AUD	ORD	272	272
15-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.19	AUD	ORD	-68,975	-68,975
15-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	12,075	12,075
16-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,042	-4,042
16-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,021	-2,021
16-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,275	-16,275
16-Aug-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.02	AUD	ORD	-113,845	-113,845
16-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	8.11	AUD	ORD	6,606	6,606
16-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	8.11	AUD	ORD	259	259
16-Aug-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	793,652	793,652
16-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	65,269	65,269
17-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,212	-9,212
17-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,636	-27,636
17-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,126	-12,126
17-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.09	AUD	ORD	-13,321	-13,321
17-Aug-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-793,652	-793,652
17-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	283,489	283,489
17-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	710,022	710,022
18-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,338	1,338
18-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,338	1,338
18-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.79	AUD	ORD	-48,398	-48,398
18-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.77	AUD	ORD	-455,808	-455,808
18-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	7.77	AUD	ORD	-40	-40
18-Aug-22	BlackRock Asset Management Canada Limited	on mkt sell	7.77	AUD	ORD	-6,580	-6,580
18-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	616,862	616,862
18-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-295,040	-295,040
19-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.76	AUD	ORD	10,274	10,274
19-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	7.72	AUD	ORD	-2,571	-2,571
19-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	7.72	AUD	ORD	80	80
19-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	7.72	AUD	ORD	-85,878	-85,878
19-Aug-22	BlackRock Investment Management, LLC	on mkt buy	7.72	AUD	ORD	1,088	1,088
19-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.72	AUD	ORD	-6,661	-6,661

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
19-Aug-22	BlackRock Investment Management, LLC	on mkt sell	7.72	AUD	ORD	-2,459	-2,459
19-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,290	-32,290
19-Aug-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	138,658	138,658
19-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-977,694	-977,694
19-Aug-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	66,943	66,943
19-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,361,927	1,361,927
19-Aug-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	4,363	4,363
22-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-23,030	-23,030
22-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-23,030	-23,030
22-Aug-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.49	AUD	ORD	-6,560	-6,560
22-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.51	AUD	ORD	-20,179	-20,179
22-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.51	AUD	ORD	765	765
22-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.51	AUD	ORD	9,496	9,496
22-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	7.51	AUD	ORD	2,571	2,571
22-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	7.51	AUD	ORD	-25	-25
22-Aug-22	BlackRock International Limited	on mkt sell	7.51	AUD	ORD	-251	-251
22-Aug-22	BlackRock Investment Management, LLC	on mkt buy	7.51	AUD	ORD	595	595
22-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	7.51	AUD	ORD	-3,842	-3,842
22-Aug-22	BlackRock International Limited	on mkt sell	7.51	AUD	ORD	-36,947	-36,947
22-Aug-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-138,658	-138,658
22-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
22-Aug-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-66,943	-66,943
22-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	448,880	448,880
22-Aug-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4,363	-4,363
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	7.65	AUD	ORD	2,571	2,571
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	7.65	AUD	ORD	-123	-123
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	7.65	AUD	ORD	-607	-607
23-Aug-22	BlackRock Investment Management, LLC	on mkt buy	7.65	AUD	ORD	607	607
23-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	7.65	AUD	ORD	-20,714	-20,714
23-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,076,211	-1,076,211
24-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,424	-18,424
24-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.57	AUD	ORD	624	624
24-Aug-22	BlackRock Fund Advisors	on mkt sell	7.57	AUD	ORD	-8,751	-8,751
24-Aug-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.57	AUD	ORD	-7,286	-7,286
24-Aug-22	BlackRock Advisors, LLC	on mkt sell	7.57	AUD	ORD	-60,630	-60,630
24-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.57	AUD	ORD	-2,524	-2,524
24-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.57	AUD	ORD	-12,138	-12,138
24-Aug-22	BlackRock Advisors, LLC	on mkt sell	7.57	AUD	ORD	-6,425	-6,425
24-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.57	AUD	ORD	17,838	17,838
24-Aug-22	BlackRock Investment Management, LLC	on mkt sell	7.57	AUD	ORD	-2,519	-2,519
24-Aug-22	BlackRock Advisors (UK) Limited	on mkt sell	7.55	AUD	ORD	-2,689	-2,689
24-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.55	AUD	ORD	-21,233	-21,233
24-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-273,876	-273,876
25-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,021	-2,021
25-Aug-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	164,094	164,094
25-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-200,000	-200,000
26-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.62	AUD	ORD	10,165	10,165
26-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.62	AUD	ORD	46,385	46,385
26-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	7.58	AUD	ORD	272	272

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
26-Aug-22	BlackRock Investment Management, LLC	on mkt buy	7.58	AUD	ORD	1,057	1,057
26-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	52,724	52,724
29-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,212	-9,212
29-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,235	3,235
29-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.46	AUD	ORD	-45,106	-45,106
29-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.46	AUD	ORD	1,972	1,972
29-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.46	AUD	ORD	8,309	8,309
29-Aug-22	BlackRock Investment Management, LLC	on mkt buy	7.46	AUD	ORD	1,646	1,646
29-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,529	4,529
29-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	256,320	256,320
30-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,676	2,676
30-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.70	AUD	ORD	32,515	32,515
30-Aug-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1	1
30-Aug-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	171,820	171,820
30-Aug-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	111,959	111,959
30-Aug-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	128,145	128,145
30-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	41,702	41,702
30-Aug-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	235	235
31-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,273	-26,273
31-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,880	-3,880
31-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.86	AUD	ORD	31,551	31,551
31-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	7.88	AUD	ORD	5,142	5,142
31-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	7.88	AUD	ORD	1,629	1,629
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.88	AUD	ORD	83,126	83,126
31-Aug-22	BlackRock Fund Advisors	on mkt sell	7.88	AUD	ORD	-3,519	-3,519
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.88	AUD	ORD	-8,060	-8,060
31-Aug-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.88	AUD	ORD	-92,763	-92,763
31-Aug-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.88	AUD	ORD	27,707	27,707
31-Aug-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.88	AUD	ORD	13,543	13,543
31-Aug-22	BlackRock International Limited	on mkt buy	7.88	AUD	ORD	58,276	58,276
31-Aug-22	BlackRock Asset Management Canada Limited	on mkt buy	7.88	AUD	ORD	6,819	6,819
31-Aug-22	BlackRock Advisors (UK) Limited	on mkt buy	7.88	AUD	ORD	397	397
31-Aug-22	BlackRock Japan Co., Ltd.	on mkt buy	7.88	AUD	ORD	6,749	6,749
31-Aug-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.88	AUD	ORD	7,679	7,679
31-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.88	AUD	ORD	3,369	3,369
31-Aug-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.88	AUD	ORD	-3,419	-3,419
31-Aug-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	39,191	39,191
31-Aug-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,242	-32,242
31-Aug-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1	-1
31-Aug-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	11,804	11,804
31-Aug-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	5,655	5,655
31-Aug-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	7,547	7,547
31-Aug-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	51,481	51,481
31-Aug-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	617	617
01-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,934	-3,934
01-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.45	AUD	ORD	-12,925	-12,925
01-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.45	AUD	ORD	9,751	9,751

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
01-Sep-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-183,624	-183,624
01-Sep-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-117,614	-117,614
01-Sep-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-135,692	-135,692
01-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-883,686	-883,686
01-Sep-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-852	-852
02-Sep-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-98,243	-98,243
02-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,021	-2,021
02-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.40	AUD	ORD	-17,663	-17,663
02-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.35	AUD	ORD	11,336	11,336
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.35	AUD	ORD	-178	-178
02-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.35	AUD	ORD	22,099	22,099
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.34	AUD	ORD	99,390	99,390
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.38	AUD	ORD	-66,260	-66,260
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.38	AUD	ORD	-5,170	-5,170
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.38	AUD	ORD	4,340	4,340
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.38	AUD	ORD	-846	-846
02-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.38	AUD	ORD	-564	-564
02-Sep-22	BlackRock Investment Management, LLC	on mkt buy	7.38	AUD	ORD	881	881
05-Sep-22	BlackRock Fund Advisors	on mkt sell	7.49	AUD	ORD	-25,217	-25,217
05-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.50	AUD	ORD	51,961	51,961
05-Sep-22	BlackRock Investment Management, LLC	on mkt buy	7.47	AUD	ORD	5,614	5,614
05-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-164,094	-164,094
05-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-194,243	-194,243
06-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,424	-18,424
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.35	AUD	ORD	49,454	49,454
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.35	AUD	ORD	11,870	11,870
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.35	AUD	ORD	-132,944	-132,944
06-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.35	AUD	ORD	2,374	2,374
06-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.35	AUD	ORD	33,170	33,170
06-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,381	-3,381
06-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
07-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,260	-7,260
07-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,388	-3,388
07-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.23	AUD	ORD	28,289	28,289
07-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.23	AUD	ORD	17,512	17,512
07-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.23	AUD	ORD	49,002	49,002
07-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.24	AUD	ORD	765	765
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.24	AUD	ORD	-6,638	-6,638
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.24	AUD	ORD	-652	-652
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.24	AUD	ORD	-280	-280
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.24	AUD	ORD	-1,120	-1,120
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.24	AUD	ORD	-336	-336
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.24	AUD	ORD	544	544
07-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.24	AUD	ORD	-20,762	-20,762
07-Sep-22	BlackRock Investment Management, LLC	on mkt buy	7.24	AUD	ORD	675	675
07-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
08-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,021	-2,021
08-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,484	1,484
08-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,544	-11,544
08-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.49	AUD	ORD	82,873	82,873
08-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.49	AUD	ORD	48,232	48,232
08-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.48	AUD	ORD	334	334

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-22	BlackRock Advisors (UK) Limited	on mkt sell	7.48	AUD	ORD	-837	-837
08-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.48	AUD	ORD	-73,440	-73,440
08-Sep-22	BlackRock International Limited	on mkt sell	7.48	AUD	ORD	-29,701	-29,701
08-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	210,902	210,902
09-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,360	-3,360
09-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,395	-2,395
09-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,748	-5,748
09-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.57	AUD	ORD	-13,397	-13,397
09-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.65	AUD	ORD	21,106	21,106
09-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.65	AUD	ORD	42,511	42,511
09-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.72	AUD	ORD	3,561	3,561
09-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.72	AUD	ORD	1,991	1,991
09-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.72	AUD	ORD	41	41
09-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.72	AUD	ORD	-139,398	-139,398
09-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.72	AUD	ORD	94,083	94,083
09-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,784,854	1,784,854
12-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,007	2,007
12-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	192,618	192,618
13-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,072	-3,072
13-Sep-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.91	AUD	ORD	64,470	64,470
13-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.95	AUD	ORD	11,401	11,401
13-Sep-22	BlackRock Japan Co., Ltd.	on mkt sell	7.81	AUD	ORD	-49,934	-49,934
13-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.02	AUD	ORD	-11,870	-11,870
13-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	8.02	AUD	ORD	497	497
13-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.02	AUD	ORD	-18,187	-18,187
13-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.02	AUD	ORD	-6,351	-6,351
13-Sep-22	BlackRock Financial Management, Inc.	on mkt buy	8.02	AUD	ORD	8,456	8,456
13-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-64,200	-64,200
14-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,818	-13,818
14-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,245	3,245
14-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,269	-3,269
14-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.68	AUD	ORD	5,079	5,079
14-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.68	AUD	ORD	14,070	14,070
14-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.69	AUD	ORD	-17,797	-17,797
14-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.73	AUD	ORD	3,561	3,561
14-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.73	AUD	ORD	6,637	6,637
14-Sep-22	BlackRock Fund Advisors	on mkt buy	7.73	AUD	ORD	20,658	20,658
14-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.73	AUD	ORD	-41,418	-41,418
15-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.72	AUD	ORD	-2,804	-2,804
15-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.72	AUD	ORD	-765	-765
15-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.72	AUD	ORD	1,530	1,530
15-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.72	AUD	ORD	2,804	2,804
15-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.72	AUD	ORD	-2,874	-2,874
15-Sep-22	BlackRock Asset Management Canada Limited	on mkt sell	7.72	AUD	ORD	-804	-804
15-Sep-22	BlackRock Advisors, LLC	on mkt buy	7.72	AUD	ORD	18,403	18,403
15-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.72	AUD	ORD	-1,843	-1,843
15-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-245,500	-245,500
16-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,235	-1,235
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.42	AUD	ORD	15,488	15,488

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
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.40	AUD	ORD	1,991	1,991
16-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.40	AUD	ORD	15,575	15,575
16-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.40	AUD	ORD	-16,076	-16,076
16-Sep-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.40	AUD	ORD	9,247	9,247
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.40	AUD	ORD	13,084	13,084
16-Sep-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.40	AUD	ORD	83,809	83,809
16-Sep-22	BlackRock Investment Management, LLC	on mkt sell	7.40	AUD	ORD	-6,670	-6,670
16-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.40	AUD	ORD	-8,347	-8,347
16-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.40	AUD	ORD	-39,213	-39,213
16-Sep-22	BlackRock Fund Advisors	on mkt buy	7.40	AUD	ORD	18,561	18,561
16-Sep-22	BlackRock Financial Management, Inc.	on mkt buy	7.40	AUD	ORD	5,046	5,046
16-Sep-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	8	8
16-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,667,770	-1,667,770
16-Sep-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	4	4
19-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.61	AUD	ORD	3,546	3,546
19-Sep-22	BlackRock Fund Advisors	on mkt buy	7.61	AUD	ORD	19,281	19,281
19-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	32,242	32,242
19-Sep-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-8	-8
19-Sep-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	7,744	7,744
19-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	-2
19-Sep-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1,002,938	1,002,938
19-Sep-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	156,806	156,806
19-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	215,861	215,861
20-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,908	-1,908
20-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.70	AUD	ORD	-13,232	-13,232
20-Sep-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	8,077	8,077
20-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,018,984	1,018,984
20-Sep-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1,001,077	-1,001,077
20-Sep-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	4,523	4,523
20-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,208,819	1,208,819
21-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,515	4,515
21-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,790	-2,790
21-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.51	AUD	ORD	25,686	25,686
21-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.49	AUD	ORD	5,889	5,889
21-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.49	AUD	ORD	40,287	40,287
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.54	AUD	ORD	-328	-328
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.54	AUD	ORD	-33,605	-33,605
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.54	AUD	ORD	498	498
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.54	AUD	ORD	2,184	2,184
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.54	AUD	ORD	510	510
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.54	AUD	ORD	756	756
21-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.54	AUD	ORD	-13,016	-13,016
21-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.54	AUD	ORD	92,568	92,568
21-Sep-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-15,821	-15,821
21-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,018,984	-1,018,984
21-Sep-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1,864	-1,864
21-Sep-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	341,584	341,584
21-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,017,462	-1,017,462
22-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,250	3,250
22-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,600	2,600
22-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,220	-1,220

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
22-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	528,389	528,389
22-Sep-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1	-1
22-Sep-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-142,199	-142,199
22-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-386,185	-386,185
23-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.59	AUD	ORD	272	272
23-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.49	AUD	ORD	-5,142	-5,142
23-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.49	AUD	ORD	48	48
23-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.47	AUD	ORD	52,864	52,864
23-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.49	AUD	ORD	840	840
23-Sep-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.49	AUD	ORD	3,487	3,487
23-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,904,341	1,904,341
23-Sep-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-360,714	-360,714
23-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-21,033	-21,033
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	6.96	AUD	ORD	-254,848	-254,848
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.96	AUD	ORD	1,991	1,991
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.96	AUD	ORD	4,728	4,728
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.96	AUD	ORD	1,991	1,991
26-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	6.96	AUD	ORD	-98	-98
26-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	6.96	AUD	ORD	2,585	2,585
26-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	6.96	AUD	ORD	492	492
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.96	AUD	ORD	13,047	13,047
26-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	6.96	AUD	ORD	-16,756	-16,756
26-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	6.96	AUD	ORD	-2,925	-2,925
26-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	6.96	AUD	ORD	24,048	24,048
26-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-503,223	-503,223
26-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	515,398	515,398
27-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.03	AUD	ORD	-105,126	-105,126
27-Sep-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.03	AUD	ORD	-371,768	-371,768
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.06	AUD	ORD	7,041	7,041
27-Sep-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.06	AUD	ORD	16,407	16,407
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.11	AUD	ORD	-5,170	-5,170
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.11	AUD	ORD	-8,593	-8,593
27-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.11	AUD	ORD	40,730	40,730
27-Sep-22	BlackRock Investment Management, LLC	on mkt buy	7.11	AUD	ORD	669	669
27-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.11	AUD	ORD	23,373	23,373
27-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.11	AUD	ORD	6,191	6,191
27-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.11	AUD	ORD	-57,355	-57,355
27-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.11	AUD	ORD	107,881	107,881
27-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-909,945	-909,945
27-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-515,398	-515,398
27-Sep-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-7,519	-7,519
28-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,636	-27,636
28-Sep-22	BlackRock Advisors, LLC	on mkt sell	7.05	AUD	ORD	-20,369	-20,369
28-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.15	AUD	ORD	-61,187	-61,187
28-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.15	AUD	ORD	-7,250	-7,250
28-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.17	AUD	ORD	8,274	8,274
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.17	AUD	ORD	-2,630	-2,630
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.17	AUD	ORD	96	96
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.17	AUD	ORD	6,610	6,610

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
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.17	AUD	ORD	-2,622	-2,622
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.17	AUD	ORD	334	334
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.17	AUD	ORD	-260	-260
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.17	AUD	ORD	-558	-558
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.17	AUD	ORD	-1,116	-1,116
28-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.17	AUD	ORD	-2,835	-2,835
28-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt sell	7.17	AUD	ORD	-19,173	-19,173
28-Sep-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.17	AUD	ORD	13,513	13,513
28-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-853,327	-853,327
29-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,235	3,235
29-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.55	AUD	ORD	-48,731	-48,731
29-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.49	AUD	ORD	-2,630	-2,630
29-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.49	AUD	ORD	845	845
29-Sep-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.49	AUD	ORD	74,525	74,525
29-Sep-22	BlackRock International Limited	on mkt sell	7.49	AUD	ORD	-5,306	-5,306
29-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.49	AUD	ORD	3,841	3,841
29-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.49	AUD	ORD	18,869	18,869
29-Sep-22	BlackRock Fund Advisors	on mkt buy	7.49	AUD	ORD	15,437	15,437
29-Sep-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	6,943	6,943
29-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	57	57
29-Sep-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	27	27
29-Sep-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-39,191	-39,191
30-Sep-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-16,711	-16,711
30-Sep-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,120	7,120
30-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.76	AUD	ORD	6,971	6,971
30-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.83	AUD	ORD	4,728	4,728
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.83	AUD	ORD	-15,780	-15,780
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.83	AUD	ORD	147	147
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.83	AUD	ORD	-1,108	-1,108
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt buy	7.83	AUD	ORD	352	352
30-Sep-22	BlackRock Advisors (UK) Limited	on mkt sell	7.83	AUD	ORD	-8,645	-8,645
30-Sep-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.83	AUD	ORD	10,959	10,959
30-Sep-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.83	AUD	ORD	7,275	7,275
30-Sep-22	BlackRock Asset Management Canada Limited	on mkt buy	7.83	AUD	ORD	890	890
30-Sep-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-6,943	-6,943
30-Sep-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	573,296	573,296
30-Sep-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-27	-27
30-Sep-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	248,338	248,338
30-Sep-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-11,431	-11,431
03-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-27,894	-27,894
03-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,230	3,230
03-Oct-22	BlackRock Advisors, LLC	on mkt sell	7.71	AUD	ORD	-23,516	-23,516
03-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.78	AUD	ORD	-12,221	-12,221
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.67	AUD	ORD	147	147
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.67	AUD	ORD	49	49
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.67	AUD	ORD	6,610	6,610
03-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.67	AUD	ORD	5,244	5,244
03-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.67	AUD	ORD	3,071	3,071
03-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.67	AUD	ORD	6,318	6,318
03-Oct-22	BlackRock Financial Management, Inc.	on mkt buy	7.67	AUD	ORD	4,862	4,862
03-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	7.67	AUD	ORD	13,541	13,541
03-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-454,370	-454,370

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
03-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	558,690	558,690
04-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.93	AUD	ORD	22,186	22,186
04-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.24	AUD	ORD	8,274	8,274
04-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.24	AUD	ORD	3,864	3,864
04-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.24	AUD	ORD	98	98
04-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.24	AUD	ORD	259	259
04-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.24	AUD	ORD	-753	-753
04-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	791,224	791,224
04-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1	1
04-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-807,028	-807,028
05-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,560	2,560
05-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.38	AUD	ORD	9,099	9,099
05-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.28	AUD	ORD	3,913	3,913
05-Oct-22	BlackRock Japan Co., Ltd.	on mkt buy	8.38	AUD	ORD	55,543	55,543
05-Oct-22	BlackRock Asset Management North Asia Limited	on mkt buy	8.44	AUD	ORD	13,508	13,508
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.48	AUD	ORD	49	49
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.48	AUD	ORD	1,540	1,540
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.48	AUD	ORD	-3,960	-3,960
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.48	AUD	ORD	520	520
05-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.48	AUD	ORD	1,300	1,300
05-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.48	AUD	ORD	-10,266	-10,266
05-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.48	AUD	ORD	10,785	10,785
05-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-448,305	-448,305
05-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1	-1
05-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	320,740	320,740
05-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	8,583	8,583
06-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.50	AUD	ORD	-7,890	-7,890
06-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.50	AUD	ORD	6,615	6,615
06-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.50	AUD	ORD	-2,622	-2,622
06-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.50	AUD	ORD	489	489
06-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.50	AUD	ORD	-4,102	-4,102
06-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.50	AUD	ORD	2,024	2,024
06-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	114,054	114,054
06-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-461,902	-461,902
06-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	8,440	8,440
06-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	28,589	28,589
06-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,781,730	1,781,730
06-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	42,506	42,506
07-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,484	1,484
07-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.61	AUD	ORD	-196	-196
07-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.61	AUD	ORD	6,615	6,615
07-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.61	AUD	ORD	2,622	2,622
07-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.61	AUD	ORD	256	256
07-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.61	AUD	ORD	2,816	2,816
07-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.61	AUD	ORD	7,588	7,588
07-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.61	AUD	ORD	-21,559	-21,559
07-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.61	AUD	ORD	20,010	20,010
07-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.61	AUD	ORD	18,327	18,327
07-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.61	AUD	ORD	908	908
07-Oct-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-65,781	-65,781

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-Oct-22	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	65,781	65,781
07-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-31,302	-31,302
07-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	846,306	846,306
07-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-8,007	-8,007
07-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-205,979	-205,979
07-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-854,612	-854,612
07-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-8,823	-8,823
10-Oct-22	BlackRock Investment Management, LLC	on mkt buy	8.23	AUD	ORD	5,081	5,081
10-Oct-22	BlackRock Fund Advisors	on mkt buy	8.23	AUD	ORD	18,296	18,296
10-Oct-22	BlackRock Fund Advisors	on mkt buy	8.23	AUD	ORD	13,421	13,421
10-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.23	AUD	ORD	-10,286	-10,286
10-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	1,769	1,769
10-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	274,691	274,691
10-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	4	4
10-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	12,649	12,649
10-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	14,838	14,838
10-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,062	1,062
10-Oct-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-541,346	-541,346
11-Oct-22	BlackRock Advisors, LLC	on mkt sell	8.21	AUD	ORD	-115,538	-115,538
11-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.23	AUD	ORD	116	116
11-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.21	AUD	ORD	5,270	5,270
11-Oct-22	BlackRock Advisors, LLC	on mkt buy	8.21	AUD	ORD	27,507	27,507
11-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.21	AUD	ORD	4,631	4,631
11-Oct-22	BlackRock Investment Management, LLC	on mkt buy	8.21	AUD	ORD	1,561	1,561
11-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.27	AUD	ORD	27,294	27,294
11-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,215	3,215
11-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.18	AUD	ORD	668	668
11-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.18	AUD	ORD	519	519
11-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.18	AUD	ORD	-6,212	-6,212
11-Oct-22	BlackRock Japan Co., Ltd.	on mkt sell	8.18	AUD	ORD	-19,646	-19,646
11-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,696	5,696
11-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-41,016	-41,016
11-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-699,655	-699,655
11-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	25,750	25,750
11-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	16,751	16,751
11-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	639,912	639,912
11-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	7,886	7,886
12-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.12	AUD	ORD	6,529	6,529
12-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.12	AUD	ORD	6,086	6,086
12-Oct-22	BlackRock Investment Management, LLC	on mkt sell	8.07	AUD	ORD	-20,572	-20,572
12-Oct-22	BlackRock Investment Management, LLC	on mkt sell	8.07	AUD	ORD	-8,108	-8,108
12-Oct-22	BlackRock Advisors, LLC	on mkt sell	8.07	AUD	ORD	-19,338	-19,338
12-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,626	-19,626
12-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-36,135	-36,135
12-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	325,619	325,619
12-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-19,047	-19,047
12-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-14,433	-14,433
12-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-693,647	-693,647

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
12-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-41,636	-41,636
13-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,450	6,450
13-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.14	AUD	ORD	-65,548	-65,548
13-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.13	AUD	ORD	-10,520	-10,520
13-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.13	AUD	ORD	-2,622	-2,622
13-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.13	AUD	ORD	1,308	1,308
13-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.13	AUD	ORD	1,213	1,213
13-Oct-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1	1
13-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-795	-795
13-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	630,494	630,494
13-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-372	-372
13-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	62,488	62,488
13-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-61,226	-61,226
13-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-95	-95
14-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,021	-2,021
14-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.98	AUD	ORD	98	98
14-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.98	AUD	ORD	92,610	92,610
14-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	7.98	AUD	ORD	-52,920	-52,920
14-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.98	AUD	ORD	1,744	1,744
14-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	7.98	AUD	ORD	12,095	12,095
14-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	7.98	AUD	ORD	-19,440	-19,440
14-Oct-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1	-1
14-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-6,575	-6,575
14-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-279,021	-279,021
14-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-6,767	-6,767
14-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-220,806	-220,806
14-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	255,736	255,736
14-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-899	-899
17-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,950	8,950
17-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.79	AUD	ORD	6,582	6,582
17-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.66	AUD	ORD	910	910
17-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.66	AUD	ORD	17,006	17,006
17-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	134,983	134,983
17-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-401,260	-401,260
18-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,024	1,024
18-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.09	AUD	ORD	-5,260	-5,260
18-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.09	AUD	ORD	196	196
18-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.09	AUD	ORD	-19,845	-19,845
18-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.09	AUD	ORD	501	501
18-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.09	AUD	ORD	910	910
18-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.09	AUD	ORD	-11,346	-11,346
18-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.09	AUD	ORD	623	623
18-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-555,265	-555,265
18-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-327,611	-327,611
19-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.08	AUD	ORD	7,047	7,047
19-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,000	3,000
19-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,600	3,600
19-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.03	AUD	ORD	2,628	2,628
19-Oct-22	BlackRock Asset Management Canada Limited	on mkt buy	8.03	AUD	ORD	874	874
19-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.03	AUD	ORD	-9,577	-9,577
19-Oct-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1	1
19-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,096,639	1,096,639
19-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	356,476	356,476

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
19-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	107,814	107,814
20-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,590	-5,590
20-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.90	AUD	ORD	680	680
20-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.90	AUD	ORD	1,095	1,095
20-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.90	AUD	ORD	828	828
20-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.90	AUD	ORD	692	692
20-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	7.90	AUD	ORD	17,215	17,215
20-Oct-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1	-1
20-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,987,010	-1,987,010
20-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	122,710	122,710
20-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-356,476	-356,476
20-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-259,795	-259,795
21-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.92	AUD	ORD	-47,303	-47,303
21-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.96	AUD	ORD	575	575
21-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	7.96	AUD	ORD	-82,035	-82,035
21-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,021	-2,021
21-Oct-22	BlackRock Asset Management Canada Limited	on mkt sell	7.96	AUD	ORD	-49,806	-49,806
21-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	7.96	AUD	ORD	13,827	13,827
21-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	7.92	AUD	ORD	-104,482	-104,482
21-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	249,536	249,536
21-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-122,710	-122,710
21-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-210,461	-210,461
24-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.35	AUD	ORD	1,462	1,462
24-Oct-22	BlackRock Advisors, LLC	on mkt sell	8.35	AUD	ORD	-13,678	-13,678
24-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.36	AUD	ORD	11,800	11,800
24-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.36	AUD	ORD	552	552
24-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.36	AUD	ORD	164	164
24-Oct-22	BlackRock Asset Management Canada Limited	on mkt buy	8.36	AUD	ORD	4,616	4,616
24-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	223,818	223,818
24-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	109,137	109,137
24-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	217,156	217,156
24-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,186,872	1,186,872
24-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	53,937	53,937
25-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,042	-4,042
25-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,864	2,864
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.27	AUD	ORD	-2,657	-2,657
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.27	AUD	ORD	-2,778	-2,778
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.27	AUD	ORD	1,314	1,314
25-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.27	AUD	ORD	9,445	9,445
25-Oct-22	BlackRock Financial Management, Inc.	on mkt sell	8.27	AUD	ORD	-7,641	-7,641
25-Oct-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2	2
25-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	12,404	12,404
25-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	-2
25-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	4,539	4,539
25-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	12,588	12,588
25-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	44,094	44,094
25-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,012	2,012
26-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.52	AUD	ORD	9,043	9,043
26-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.52	AUD	ORD	14,724	14,724

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
26-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,624	-22,624
26-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.56	AUD	ORD	340	340
26-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.56	AUD	ORD	850	850
26-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.56	AUD	ORD	2,387	2,387
26-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.56	AUD	ORD	-59,108	-59,108
26-Oct-22	BlackRock Advisors (UK) Limited	on mkt sell	8.56	AUD	ORD	-9,723	-9,723
26-Oct-22	BlackRock Investment Management, LLC	on mkt buy	8.56	AUD	ORD	1,739	1,739
26-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.56	AUD	ORD	-5,828	-5,828
26-Oct-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-2	-2
26-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	5,613	5,613
26-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
26-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-178	-178
26-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-11,557	-11,557
26-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-6,062	-6,062
26-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	384	384
27-Oct-22	BlackRock Japan Co., Ltd.	on mkt buy	8.91	AUD	ORD	12,192	12,192
27-Oct-22	BlackRock Japan Co., Ltd.	on mkt buy	8.91	AUD	ORD	30,187	30,187
27-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.93	AUD	ORD	27,412	27,412
27-Oct-22	BlackRock Japan Co., Ltd.	on mkt buy	8.93	AUD	ORD	16,973	16,973
27-Oct-22	BlackRock Japan Co., Ltd.	on mkt buy	8.93	AUD	ORD	15,942	15,942
27-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.93	AUD	ORD	50,089	50,089
27-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,607	8,607
27-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.93	AUD	ORD	1,925	1,925
27-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-4,215	-4,215
27-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2,731	-2,731
27-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-8,219	-8,219
27-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	16,392	16,392
27-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,228	-1,228
28-Oct-22	BlackRock Asset Management Canada Limited	on mkt buy	8.89	AUD	ORD	6,280	6,280
28-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,948	3,948
28-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.88	AUD	ORD	19,092	19,092
28-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.93	AUD	ORD	5,260	5,260
28-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.93	AUD	ORD	1,095	1,095
28-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-177,781	-177,781
28-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	964,692	964,692
28-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	18,093	18,093
28-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-156,106	-156,106
28-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-844,845	-844,845
28-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-40,913	-40,913
31-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,072	5,072
31-Oct-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,432	1,432
31-Oct-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.79	AUD	ORD	-58,373	-58,373
31-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.74	AUD	ORD	2,630	2,630
31-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.74	AUD	ORD	5,260	5,260
31-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.74	AUD	ORD	868	868
31-Oct-22	BlackRock Advisors (UK) Limited	on mkt buy	8.74	AUD	ORD	54,565	54,565
31-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.74	AUD	ORD	-1,132	-1,132
31-Oct-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.74	AUD	ORD	-5,470	-5,470
31-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.74	AUD	ORD	-43,131	-43,131
31-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.74	AUD	ORD	22,293	22,293
31-Oct-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.74	AUD	ORD	2,088	2,088

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-Oct-22	BlackRock Investment Management (UK) Limited	on mkt sell	8.74	AUD	ORD	-24,381	-24,381
31-Oct-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1	1
31-Oct-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	79,219	79,219
31-Oct-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,232,049	-1,232,049
31-Oct-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-55,782	-55,782
31-Oct-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	84,214	84,214
31-Oct-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	596,611	596,611
31-Oct-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	21,347	21,347
01-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,269	3,269
01-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,556	2,556
01-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	8.84	AUD	ORD	5,260	5,260
01-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.84	AUD	ORD	13,739	13,739
01-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.84	AUD	ORD	-15,779	-15,779
01-Nov-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	4,118	4,118
01-Nov-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-139,058	-139,058
01-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,009,261	1,009,261
01-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-73,078	-73,078
01-Nov-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-138,076	-138,076
01-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-993,062	-993,062
01-Nov-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-35,538	-35,538
02-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.97	AUD	ORD	471	471
02-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.94	AUD	ORD	5,553	5,553
02-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.97	AUD	ORD	-6,995	-6,995
02-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,015	3,015
02-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.97	AUD	ORD	-1,492	-1,492
02-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.95	AUD	ORD	762	762
02-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	8.95	AUD	ORD	6,615	6,615
02-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	8.95	AUD	ORD	-5,314	-5,314
02-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.95	AUD	ORD	11,435	11,435
02-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	8.95	AUD	ORD	-37,633	-37,633
02-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-33,540	-33,540
02-Nov-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,119	-4,119
02-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-118,403	-118,403
02-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	353,458	353,458
03-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.62	AUD	ORD	-175	-175
03-Nov-22	BlackRock Japan Co., Ltd.	on mkt sell	8.59	AUD	ORD	-74,056	-74,056
03-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	8.61	AUD	ORD	-30,465	-30,465
03-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,742	5,742
03-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,578	1,578
03-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,824	3,824
03-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	8.53	AUD	ORD	3,235	3,235
03-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	8.65	AUD	ORD	1,991	1,991
03-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	8.65	AUD	ORD	2,630	2,630
03-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	8.65	AUD	ORD	272	272
03-Nov-22	BlackRock Fund Advisors	on mkt buy	8.65	AUD	ORD	25,041	25,041
03-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	292,580	292,580
03-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	58	58
03-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	92,721	92,721
04-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,064	-4,064
04-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	8.71	AUD	ORD	-388	-388

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
04-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,768	12,768
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	8.76	AUD	ORD	2,630	2,630
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	8.76	AUD	ORD	232	232
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	8.76	AUD	ORD	876	876
04-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	8.76	AUD	ORD	-14,508	-14,508
04-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	8.76	AUD	ORD	1,885	1,885
04-Nov-22	BlackRock Investment Management, LLC	on mkt buy	8.76	AUD	ORD	2,843	2,843
04-Nov-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	25	25
04-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	268,713	268,713
04-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-351,414	-351,414
04-Nov-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	40	40
04-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-84,436	-84,436
07-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,757	1,757
07-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,444	6,444
07-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	9.16	AUD	ORD	-83,531	-83,531
07-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	9.16	AUD	ORD	-56,836	-56,836
07-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	9.16	AUD	ORD	-305,832	-305,832
07-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	9.23	AUD	ORD	-83,533	-83,533
07-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	9.23	AUD	ORD	-56,838	-56,838
07-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	9.23	AUD	ORD	-305,829	-305,829
07-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	9.21	AUD	ORD	171,886	171,886
07-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	9.29	AUD	ORD	5,314	5,314
07-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	9.29	AUD	ORD	-10,628	-10,628
07-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	9.29	AUD	ORD	910	910
07-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	9.29	AUD	ORD	172	172
07-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	28,122	28,122
07-Nov-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-25	-25
07-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,419	1,419
07-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2,102	-2,102
07-Nov-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-40	-40
07-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,285	-8,285
08-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,632	-5,632
08-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,580	-32,580
08-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	753	753
08-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,578	1,578
08-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	9.40	AUD	ORD	43,660	43,660
08-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	9.40	AUD	ORD	762	762
08-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	9.40	AUD	ORD	263	263
08-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	9.40	AUD	ORD	1,052	1,052
08-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	9.40	AUD	ORD	169	169
08-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	9.40	AUD	ORD	-10,022	-10,022
08-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	9.40	AUD	ORD	-114,206	-114,206
08-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,498,065	-1,498,065
09-Nov-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-194,780	-194,780
09-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.02	AUD	ORD	-8,558	-8,558
09-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.02	AUD	ORD	-29,346	-29,346
09-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.02	AUD	ORD	-5,270	-5,270
09-Nov-22	BlackRock Advisors, LLC	on mkt sell	10.02	AUD	ORD	-27,507	-27,507
09-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.02	AUD	ORD	-4,631	-4,631
09-Nov-22	BlackRock Investment Management, LLC	on mkt sell	10.02	AUD	ORD	-1,561	-1,561
09-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,985	2,985

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
09-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	20,822	20,822
09-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.04	AUD	ORD	147	147
09-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.04	AUD	ORD	262	262
09-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.04	AUD	ORD	524	524
09-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.04	AUD	ORD	3,870	3,870
09-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	250,919	250,919
10-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	9.82	AUD	ORD	3,253	3,253
10-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,353	3,353
10-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	9.90	AUD	ORD	13,222	13,222
10-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	9.90	AUD	ORD	13,285	13,285
10-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	9.90	AUD	ORD	5,301	5,301
10-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-323,557	-323,557
10-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	190,746	190,746
11-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.18	AUD	ORD	-36,722	-36,722
11-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.18	AUD	ORD	-31,468	-31,468
11-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.23	AUD	ORD	7,971	7,971
11-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-29,963	-29,963
11-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	353,513	353,513
11-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-190,746	-190,746
14-Nov-22	BlackRock Japan Co., Ltd.	on mkt sell	10.10	AUD	ORD	-15,907	-15,907
14-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.13	AUD	ORD	-1,524	-1,524
14-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.13	AUD	ORD	13,150	13,150
14-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.13	AUD	ORD	19,833	19,833
14-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.13	AUD	ORD	-27,566	-27,566
14-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
14-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	4	4
15-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.24	AUD	ORD	-1,945	-1,945
15-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.23	AUD	ORD	-54,075	-54,075
15-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.15	AUD	ORD	5,314	5,314
15-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.15	AUD	ORD	332	332
15-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.15	AUD	ORD	1,048	1,048
15-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	10.15	AUD	ORD	-689	-689
15-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.15	AUD	ORD	-1,039	-1,039
15-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.15	AUD	ORD	2,339	2,339
15-Nov-22	BlackRock Asset Management Canada Limited	on mkt sell	10.15	AUD	ORD	-4,616	-4,616
15-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	353,506	353,506
15-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-353,509	-353,509
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	9.99	AUD	ORD	-1,553	-1,553
16-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	899	899
16-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	899	899
16-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,080	22,080
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	9.89	AUD	ORD	19,833	19,833
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	9.89	AUD	ORD	2,657	2,657
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	9.89	AUD	ORD	786	786
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	9.89	AUD	ORD	-483	-483
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	9.89	AUD	ORD	-12,246	-12,246
16-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	9.89	AUD	ORD	-4,520	-4,520
16-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	9.89	AUD	ORD	-54,559	-54,559
16-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	9.89	AUD	ORD	-86,586	-86,586
16-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-211,396	-211,396
16-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-8	-8
16-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	43,472	43,472
17-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,450	-8,450

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-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-28,122	-28,122
17-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,008	1,008
17-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	899	899
17-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.04	AUD	ORD	1,524	1,524
17-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.06	AUD	ORD	-5,556	-5,556
17-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.06	AUD	ORD	684	684
17-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.06	AUD	ORD	259	259
17-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.06	AUD	ORD	2,096	2,096
17-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	353,916	353,916
17-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	2	2
17-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	84,420	84,420
18-Nov-22	BlackRock Japan Co., Ltd.	on mkt sell	10.01	AUD	ORD	-15,751	-15,751
18-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.01	AUD	ORD	70,707	70,707
18-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.01	AUD	ORD	-10,140	-10,140
18-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,900	-16,900
18-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,480	6,480
18-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.00	AUD	ORD	-132,300	-132,300
18-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.00	AUD	ORD	2,657	2,657
18-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.00	AUD	ORD	1,540	1,540
18-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.00	AUD	ORD	17,379	17,379
18-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.00	AUD	ORD	-6,101	-6,101
18-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	70,701	70,701
18-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-2	-2
21-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,330	6,330
21-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,480	6,480
21-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.00	AUD	ORD	7,971	7,971
21-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.00	AUD	ORD	-5,314	-5,314
21-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.00	AUD	ORD	-161	-161
21-Nov-22	BlackRock Fund Advisors	on mkt buy	10.00	AUD	ORD	3,702	3,702
21-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.00	AUD	ORD	-3,231	-3,231
21-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.00	AUD	ORD	-3,702	-3,702
21-Nov-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	14,399	14,399
21-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	448,272	448,272
21-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	3,198	3,198
21-Nov-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	56,367	56,367
21-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	268,711	268,711
21-Nov-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,140	2,140
22-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.09	AUD	ORD	-18,880	-18,880
22-Nov-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-14,399	-14,399
22-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	331,520	331,520
22-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-3,198	-3,198
22-Nov-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-56,367	-56,367
22-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-380,227	-380,227
22-Nov-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,140	-2,140
23-Nov-22	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-329,366	-329,366
23-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.29	AUD	ORD	18,329	18,329
23-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.31	AUD	ORD	-539	-539
23-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.31	AUD	ORD	29,227	29,227
23-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.31	AUD	ORD	-792	-792
23-Nov-22	BlackRock Investment Management, LLC	on mkt buy	10.31	AUD	ORD	1,751	1,751
23-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.31	AUD	ORD	-36,446	-36,446
23-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,899	3,899

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-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,308	4,308
23-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,346,519	-1,346,519
23-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	353,519	353,519
23-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-16,376	-16,376
24-Nov-22	BlackRock Advisors, LLC	on mkt sell	10.56	AUD	ORD	-6,205	-6,205
24-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.58	AUD	ORD	2,696	2,696
24-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.58	AUD	ORD	5,392	5,392
24-Nov-22	BlackRock Investment Management, LLC	on mkt buy	10.58	AUD	ORD	14,932	14,932
24-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.58	AUD	ORD	-14,932	-14,932
24-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.58	AUD	ORD	-81,850	-81,850
24-Nov-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	10,333	10,333
24-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	122,837	122,837
24-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	53,839	53,839
24-Nov-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	35,024	35,024
24-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	120,236	120,236
25-Nov-22	BlackRock Japan Co., Ltd.	on mkt buy	10.59	AUD	ORD	3,594	3,594
25-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.61	AUD	ORD	5,388	5,388
25-Nov-22	BlackRock Fund Advisors	on mkt buy	10.61	AUD	ORD	15,912	15,912
25-Nov-22	BlackRock Fund Advisors	on mkt buy	10.61	AUD	ORD	2,809	2,809
25-Nov-22	BlackRock Fund Advisors	on mkt buy	10.61	AUD	ORD	2,241	2,241
25-Nov-22	BlackRock Fund Advisors	on mkt buy	10.61	AUD	ORD	12,705	12,705
25-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.61	AUD	ORD	-5,050	-5,050
25-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,075	12,075
25-Nov-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-10,333	-10,333
25-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,249,919	1,249,919
25-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-407,358	-407,358
25-Nov-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-35,024	-35,024
25-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-120,236	-120,236
28-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.59	AUD	ORD	762	762
28-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.59	AUD	ORD	-132,220	-132,220
28-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.59	AUD	ORD	-4,446	-4,446
28-Nov-22	BlackRock Investment Management, LLC	on mkt sell	10.59	AUD	ORD	-1,925	-1,925
28-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,331,088	-1,331,088
28-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	249,787	249,787
28-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	51,947	51,947
28-Nov-22	APERIO GROUP LLC	in specie	n/a	AUD	ORD	422	422
29-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.43	AUD	ORD	5,374	5,374
29-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.54	AUD	ORD	9,440	9,440
29-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.54	AUD	ORD	3,982	3,982
29-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.54	AUD	ORD	5,388	5,388
29-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.54	AUD	ORD	-2,694	-2,694
29-Nov-22	BlackRock Advisors (UK) Limited	on mkt buy	10.54	AUD	ORD	7,060	7,060
29-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.54	AUD	ORD	-59,414	-59,414
29-Nov-22	BlackRock Investment Management, LLC	on mkt sell	10.54	AUD	ORD	-1,614	-1,614
29-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	977,568	977,568
29-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	103,733	103,733
29-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	50,450	50,450
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.65	AUD	ORD	35,201	35,201
30-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,021	-2,021
30-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.60	AUD	ORD	-2,665	-2,665

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-Nov-22	BlackRock Financial Management, Inc.	on mkt sell	10.60	AUD	ORD	-4,249	-4,249
30-Nov-22	BlackRock Financial Management, Inc.	on mkt sell	10.60	AUD	ORD	-222	-222
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.60	AUD	ORD	-4,741	-4,741
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.60	AUD	ORD	5,464	5,464
30-Nov-22	BlackRock Advisors, LLC	on mkt buy	10.60	AUD	ORD	222	222
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.60	AUD	ORD	-3,506	-3,506
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.60	AUD	ORD	-67,086	-67,086
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt buy	10.60	AUD	ORD	954	954
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.60	AUD	ORD	-7,716	-7,716
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.60	AUD	ORD	-147,637	-147,637
30-Nov-22	BlackRock Investment Management, LLC	on mkt buy	10.60	AUD	ORD	4,483	4,483
30-Nov-22	BlackRock Investment Management, LLC	on mkt buy	10.60	AUD	ORD	25,355	25,355
30-Nov-22	BlackRock Fund Advisors	on mkt buy	10.60	AUD	ORD	9,331	9,331
30-Nov-22	BlackRock Fund Advisors	on mkt buy	10.60	AUD	ORD	20,657	20,657
30-Nov-22	BlackRock Fund Advisors	on mkt buy	10.60	AUD	ORD	46,857	46,857
30-Nov-22	BlackRock Asset Management Canada Limited	on mkt buy	10.60	AUD	ORD	697	697
30-Nov-22	BlackRock Asset Management Canada Limited	on mkt buy	10.60	AUD	ORD	12,355	12,355
30-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.60	AUD	ORD	-3,049	-3,049
30-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.60	AUD	ORD	-159	-159
30-Nov-22	BlackRock Fund Advisors	on mkt buy	10.60	AUD	ORD	508	508
30-Nov-22	BlackRock Fund Advisors	on mkt buy	10.60	AUD	ORD	174,408	174,408
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.60	AUD	ORD	-835	-835
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.60	AUD	ORD	-15,971	-15,971
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.60	AUD	ORD	-707	-707
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.60	AUD	ORD	-13,519	-13,519
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.60	AUD	ORD	-240	-240
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.60	AUD	ORD	-4,608	-4,608
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.60	AUD	ORD	1,908	1,908
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.60	AUD	ORD	6,894	6,894
30-Nov-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.60	AUD	ORD	-13,601	-13,601
30-Nov-22	BlackRock Fund Advisors	on mkt sell	10.60	AUD	ORD	-739	-739
30-Nov-22	BlackRock Fund Advisors	on mkt sell	10.60	AUD	ORD	-14,130	-14,130
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.60	AUD	ORD	25,935	25,935
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.60	AUD	ORD	-2,341	-2,341
30-Nov-22	BlackRock Advisors, LLC	on mkt buy	10.60	AUD	ORD	1,056	1,056
30-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.60	AUD	ORD	-3,519	-3,519
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.60	AUD	ORD	-6,614	-6,614
30-Nov-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.60	AUD	ORD	-170,970	-170,970
30-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.60	AUD	ORD	-6,234	-6,234
30-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.60	AUD	ORD	-7,471	-7,471
30-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.60	AUD	ORD	-8,742	-8,742
30-Nov-22	BlackRock Advisors (UK) Limited	on mkt sell	10.60	AUD	ORD	-285	-285
30-Nov-22	BlackRock Fund Advisors	on mkt buy	10.60	AUD	ORD	2,412	2,412
30-Nov-22	BlackRock Fund Advisors	on mkt buy	10.60	AUD	ORD	827,814	827,814
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.60	AUD	ORD	9,056	9,056
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.60	AUD	ORD	32,720	32,720

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-Nov-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.60	AUD	ORD	-558,100	-558,100
30-Nov-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,128	7,128
30-Nov-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.60	AUD	ORD	187,818	187,818
30-Nov-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-979,630	-979,630
30-Nov-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-11	-11
30-Nov-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-102,397	-102,397
01-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.86	AUD	ORD	1,269	1,269
01-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.92	AUD	ORD	-2,726	-2,726
01-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.92	AUD	ORD	-5,556	-5,556
01-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.92	AUD	ORD	-45,617	-45,617
01-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,028,146	1,028,146
01-Dec-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-353,508	-353,508
02-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	11.11	AUD	ORD	11,202	11,202
02-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,021	2,021
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.08	AUD	ORD	-2,726	-2,726
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.08	AUD	ORD	1,296	1,296
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.08	AUD	ORD	1,512	1,512
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.08	AUD	ORD	7,128	7,128
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.08	AUD	ORD	795	795
02-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.08	AUD	ORD	-15,679	-15,679
02-Dec-22	BlackRock Investment Management, LLC	on mkt sell	11.08	AUD	ORD	-4,298	-4,298
02-Dec-22	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-9,231	-9,231
02-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-48,520	-48,520
02-Dec-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1	-1
03-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,019,233	-1,019,233
05-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,004	1,004
05-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,367	2,367
05-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	11.01	AUD	ORD	2,871	2,871
05-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.92	AUD	ORD	1,090	1,090
05-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.92	AUD	ORD	1,308	1,308
05-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	10.92	AUD	ORD	4,791	4,791
05-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	371,753	371,753
06-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.58	AUD	ORD	-163,049	-163,049
06-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,021	-2,021
06-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	996	996
06-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.70	AUD	ORD	-41,300	-41,300
06-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.70	AUD	ORD	2,180	2,180
06-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.70	AUD	ORD	528	528
06-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.70	AUD	ORD	1,460	1,460
06-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	10.70	AUD	ORD	7,555	7,555
06-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-353,519	-353,519
07-Dec-22	BlackRock Asset Management Canada Limited	on mkt sell	10.67	AUD	ORD	-5,423	-5,423
07-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.70	AUD	ORD	-659,139	-659,139
07-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.71	AUD	ORD	36,378	36,378
07-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.72	AUD	ORD	98	98
07-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.72	AUD	ORD	-147	-147
07-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.72	AUD	ORD	792	792
07-Dec-22	BlackRock Investment Management, LLC	on mkt sell	10.72	AUD	ORD	-2,643	-2,643
07-Dec-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	10,246	10,246
07-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3	3
07-Dec-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	50,776	50,776
07-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	89,096	89,096
07-Dec-22	APERIO GROUP LLC	in specie	n/a	AUD	ORD	3,060	3,060

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-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.94	AUD	ORD	32,478	32,478
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.92	AUD	ORD	-5,476	-5,476
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.92	AUD	ORD	-46,361	-46,361
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.92	AUD	ORD	-2,778	-2,778
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.92	AUD	ORD	1,201	1,201
08-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.92	AUD	ORD	-2,753	-2,753
08-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.92	AUD	ORD	8,269	8,269
08-Dec-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-10,246	-10,246
08-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	17,647	17,647
08-Dec-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	411,389	411,389
08-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-89,087	-89,087
09-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.14	AUD	ORD	-5,464	-5,464
09-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.14	AUD	ORD	-343	-343
09-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.14	AUD	ORD	-2,659	-2,659
09-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.14	AUD	ORD	684	684
09-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.14	AUD	ORD	164	164
09-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	11.14	AUD	ORD	-6,123	-6,123
09-Dec-22	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-966,539	-966,539
09-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	552,647	552,647
09-Dec-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-462,165	-462,165
09-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-9	-9
12-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,980	5,980
12-Dec-22	BlackRock Advisors, LLC	on mkt sell	10.83	AUD	ORD	-13,822	-13,822
12-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.79	AUD	ORD	8,211	8,211
12-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.79	AUD	ORD	-2,778	-2,778
12-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.79	AUD	ORD	346	346
12-Dec-22	BlackRock Financial Management, Inc.	on mkt sell	10.79	AUD	ORD	-3,557	-3,557
12-Dec-22	BlackRock Investment Management, LLC	on mkt sell	10.79	AUD	ORD	-1,321	-1,321
12-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-16,900	-16,900
12-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	27,870	27,870
12-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-114,079	-114,079
13-Dec-22	BlackRock Japan Co., Ltd.	on mkt buy	10.85	AUD	ORD	51,313	51,313
13-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.88	AUD	ORD	-27,378	-27,378
13-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,578	1,578
13-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,382	11,382
13-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,420	2,420
13-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.83	AUD	ORD	1,991	1,991
13-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.83	AUD	ORD	352	352
13-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.83	AUD	ORD	-9,704	-9,704
13-Dec-22	BlackRock Fund Advisors	on mkt sell	10.83	AUD	ORD	-30,643	-30,643
13-Dec-22	BlackRock Fund Advisors	on mkt sell	10.83	AUD	ORD	-9,600	-9,600
13-Dec-22	BlackRock Fund Advisors	on mkt sell	10.83	AUD	ORD	-1,460	-1,460
13-Dec-22	BlackRock Fund Advisors	on mkt sell	10.83	AUD	ORD	-360	-360
13-Dec-22	BlackRock Fund Advisors	on mkt sell	10.83	AUD	ORD	-17,560	-17,560
13-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.83	AUD	ORD	4,886	4,886
13-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.83	AUD	ORD	-42,806	-42,806
13-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.83	AUD	ORD	42,806	42,806
13-Dec-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	8,892	8,892
13-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	515,684	515,684
13-Dec-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	17,102	17,102
13-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	51,649	51,649
14-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	11.08	AUD	ORD	6,842	6,842
14-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	11.01	AUD	ORD	-50,352	-50,352
14-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,265	-8,265

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
14-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.97	AUD	ORD	7,080	7,080
14-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.97	AUD	ORD	1,105	1,105
14-Dec-22	BlackRock Asset Management Canada Limited	on mkt buy	10.97	AUD	ORD	27,948	27,948
14-Dec-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-8,892	-8,892
14-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-509,767	-509,767
14-Dec-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-17,102	-17,102
14-Dec-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	239,655	239,655
14-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	212,887	212,887
15-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,074	4,074
15-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.86	AUD	ORD	2,738	2,738
15-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.86	AUD	ORD	-2,869	-2,869
15-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.86	AUD	ORD	-11,132	-11,132
15-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.86	AUD	ORD	-11,296	-11,296
15-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.86	AUD	ORD	-6,962	-6,962
15-Dec-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	1,331	1,331
15-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	884,405	884,405
15-Dec-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	3,929	3,929
15-Dec-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-179,982	-179,982
15-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	75,131	75,131
15-Dec-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,745	2,745
16-Dec-22	BlackRock Advisors, LLC	on mkt sell	10.51	AUD	ORD	-9,701	-9,701
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.56	AUD	ORD	-159,205	-159,205
16-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,120	3,120
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.67	AUD	ORD	-57,762	-57,762
16-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,680	4,680
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.66	AUD	ORD	-5,476	-5,476
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.66	AUD	ORD	-2,881	-2,881
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.66	AUD	ORD	-8,643	-8,643
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.66	AUD	ORD	243	243
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.66	AUD	ORD	-2,722	-2,722
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.66	AUD	ORD	-1,010	-1,010
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt sell	10.66	AUD	ORD	-315	-315
16-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.66	AUD	ORD	19,071	19,071
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.66	AUD	ORD	-130	-130
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.66	AUD	ORD	-356	-356
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.66	AUD	ORD	-41	-41
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.66	AUD	ORD	42,264	42,264
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.66	AUD	ORD	-771	-771
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.66	AUD	ORD	-2,472	-2,472
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.66	AUD	ORD	-6,648	-6,648
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.66	AUD	ORD	-125,189	-125,189
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.66	AUD	ORD	-336,469	-336,469
16-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.66	AUD	ORD	-39,079	-39,079
16-Dec-22	BlackRock Fund Advisors	on mkt sell	10.66	AUD	ORD	-22,592	-22,592
16-Dec-22	BlackRock Fund Advisors	on mkt sell	10.66	AUD	ORD	-2,623	-2,623
16-Dec-22	BlackRock Fund Advisors	on mkt sell	10.66	AUD	ORD	-8,405	-8,405
16-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	10.66	AUD	ORD	13,762	13,762
16-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	10.66	AUD	ORD	4,730	4,730

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
16-Dec-22	BlackRock Financial Management, Inc.	on mkt buy	10.66	AUD	ORD	2,861	2,861
16-Dec-22	BlackRock Financial Management, Inc.	on mkt sell	10.66	AUD	ORD	-1,760	-1,760
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.66	AUD	ORD	2,745	2,745
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.66	AUD	ORD	-202	-202
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.66	AUD	ORD	-649	-649
16-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.66	AUD	ORD	-1,748	-1,748
16-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,993	1,993
16-Dec-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-1,331	-1,331
16-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	153,555	153,555
16-Dec-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-3,929	-3,929
16-Dec-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-59,673	-59,673
16-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-339,667	-339,667
16-Dec-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-2,745	-2,745
19-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,993	1,993
19-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.02	AUD	ORD	-588	-588
19-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.02	AUD	ORD	-12,494	-12,494
19-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.02	AUD	ORD	2,821	2,821
19-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.02	AUD	ORD	1,519	1,519
19-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.02	AUD	ORD	684	684
19-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	11.02	AUD	ORD	-6,830	-6,830
19-Dec-22	BlackRock Investment Management, LLC	on mkt sell	11.02	AUD	ORD	-947	-947
19-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	11.02	AUD	ORD	-10,574	-10,574
19-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	11.02	AUD	ORD	4,450	4,450
19-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-642,751	-642,751
19-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	41,376	41,376
20-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.96	AUD	ORD	2,394	2,394
20-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,180	9,180
20-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,935	2,935
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.78	AUD	ORD	-21,904	-21,904
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.78	AUD	ORD	-686	-686
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	10.78	AUD	ORD	-49	-49
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.78	AUD	ORD	870	870
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.78	AUD	ORD	174	174
20-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.78	AUD	ORD	1,519	1,519
20-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.78	AUD	ORD	-2,574	-2,574
20-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.78	AUD	ORD	-11,378	-11,378
20-Dec-22	BlackRock Fund Advisors	on mkt buy	10.78	AUD	ORD	11,378	11,378
20-Dec-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	550	550
20-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-828,952	-828,952
20-Dec-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	4,394	4,394
20-Dec-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	29,168	29,168
20-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	328,881	328,881
20-Dec-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,975	2,975
21-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	11.21	AUD	ORD	-2,808	-2,808
21-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	11.21	AUD	ORD	-23,772	-23,772
21-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	11.21	AUD	ORD	-15,847	-15,847
21-Dec-22	BlackRock Japan Co., Ltd.	on mkt buy	11.21	AUD	ORD	11,438	11,438
21-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,496	2,496
21-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,892	2,892
21-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.21	AUD	ORD	-5,780	-5,780

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
21-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.21	AUD	ORD	-11,560	-11,560
21-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.21	AUD	ORD	2,760	2,760
21-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.21	AUD	ORD	1,100	1,100
21-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.21	AUD	ORD	-7,612	-7,612
21-Dec-22	BlackRock Fund Advisors	on mkt sell	11.21	AUD	ORD	-2,168	-2,168
21-Dec-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	16	16
21-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-13,000	-13,000
21-Dec-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	32	32
21-Dec-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-122	-122
21-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5	-5
21-Dec-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	80	80
22-Dec-22	BlackRock Advisors, LLC	on mkt sell	11.23	AUD	ORD	-7,564	-7,564
22-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.29	AUD	ORD	5,962	5,962
22-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,512	1,512
22-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,520	2,520
22-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,125	3,125
22-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,336	2,336
22-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	11.12	AUD	ORD	7,044	7,044
22-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.12	AUD	ORD	-11,552	-11,552
22-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.12	AUD	ORD	173	173
22-Dec-22	BlackRock Fund Advisors	on mkt buy	11.12	AUD	ORD	13,918	13,918
22-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt buy	11.12	AUD	ORD	13,592	13,592
22-Dec-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	17,841	17,841
22-Dec-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-565	-565
22-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-24,082	-24,082
22-Dec-22	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-4,426	-4,426
22-Dec-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-29,046	-29,046
22-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-370,252	-370,252
22-Dec-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3,055	-3,055
23-Dec-22	BlackRock Asset Management North Asia Limited	on mkt sell	10.93	AUD	ORD	-9,174	-9,174
23-Dec-22	BlackRock Asset Management Canada Limited	on mkt buy	10.98	AUD	ORD	5,335	5,335
23-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	11.07	AUD	ORD	1,508	1,508
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.06	AUD	ORD	-2,726	-2,726
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.06	AUD	ORD	-2,726	-2,726
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.06	AUD	ORD	-1,152	-1,152
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.06	AUD	ORD	-2,858	-2,858
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.06	AUD	ORD	850	850
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.06	AUD	ORD	1,190	1,190
23-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.06	AUD	ORD	-484	-484
23-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	11.06	AUD	ORD	-18,591	-18,591
23-Dec-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-17,841	-17,841
23-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	604,731	604,731
23-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
23-Dec-22	APERIO GROUP LLC	in specie	n/a	AUD	ORD	3,716	3,716
26-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
26-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
27-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-416,889	-416,889
27-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
27-Dec-22	APERIO GROUP LLC	in specie	n/a	AUD	ORD	-3,716	-3,716
28-Dec-22	BlackRock Japan Co., Ltd.	on mkt buy	11.21	AUD	ORD	80,873	80,873
28-Dec-22	BlackRock Japan Co., Ltd.	on mkt sell	11.36	AUD	ORD	-17,745	-17,745
28-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	11.18	AUD	ORD	-16,158	-16,158
28-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	11.18	AUD	ORD	-3,720	-3,720
28-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,168	1,168
28-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	753	753
28-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,800	4,800

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
28-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,320	4,320
28-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.12	AUD	ORD	468	468
28-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.12	AUD	ORD	468	468
28-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.12	AUD	ORD	884	884
28-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	603,912	603,912
28-Dec-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1	-1
29-Dec-22	BlackRock Advisors (UK) Limited	on mkt sell	11.07	AUD	ORD	-288	-288
29-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.07	AUD	ORD	5,326	5,326
29-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.07	AUD	ORD	238	238
29-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.07	AUD	ORD	444	444
29-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	11.07	AUD	ORD	666	666
29-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	11.07	AUD	ORD	-13,295	-13,295
29-Dec-22	BlackRock Asset Management Canada Limited	on mkt sell	11.07	AUD	ORD	-57,012	-57,012
29-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-67,739	-67,739
30-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.95	AUD	ORD	12,064	12,064
30-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.91	AUD	ORD	1,991	1,991
30-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.91	AUD	ORD	1,547	1,547
30-Dec-22	BlackRock Advisors (UK) Limited	on mkt buy	10.91	AUD	ORD	573	573
30-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	10.91	AUD	ORD	2,363	2,363
30-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.91	AUD	ORD	-20,774	-20,774
30-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	10.91	AUD	ORD	-11,207	-11,207
30-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.91	AUD	ORD	-65,639	-65,639
30-Dec-22	BlackRock Investment Management, LLC	on mkt sell	10.91	AUD	ORD	-8,955	-8,955
30-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	10.91	AUD	ORD	39,637	39,637
30-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	10.91	AUD	ORD	-8,432	-8,432
30-Dec-22	BlackRock Financial Management, Inc.	on mkt buy	10.91	AUD	ORD	9,562	9,562
30-Dec-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	89,311	89,311
30-Dec-22	APERIO GROUP LLC	in specie	n/a	AUD	ORD	3,716	3,716
02-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-415,527	-415,527
03-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-32,130	-32,130
03-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.11	AUD	ORD	5,870	5,870
03-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.11	AUD	ORD	85,549	85,549
03-Jan-23	APERIO GROUP LLC	in specie	n/a	AUD	ORD	-3,716	-3,716
04-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,048	3,048
04-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,360	-18,360
04-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.43	AUD	ORD	5,056	5,056
04-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.43	AUD	ORD	62,430	62,430
04-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.43	AUD	ORD	1,090	1,090
04-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.43	AUD	ORD	326	326
04-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.43	AUD	ORD	344	344
04-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.43	AUD	ORD	-17,072	-17,072
05-Jan-23	BlackRock Advisors, LLC	on mkt buy	11.64	AUD	ORD	236,533	236,533
05-Jan-23	BlackRock Advisors, LLC	on mkt buy	11.64	AUD	ORD	255,496	255,496
05-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	11.64	AUD	ORD	55,444	55,444
05-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	11.64	AUD	ORD	-3,112	-3,112
05-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,964	-1,964
05-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.62	AUD	ORD	138	138
05-Jan-23	BlackRock Investment Management, LLC	on mkt sell	11.62	AUD	ORD	-4,010	-4,010
05-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.62	AUD	ORD	-507	-507
05-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	11.62	AUD	ORD	4,010	4,010
05-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	11.62	AUD	ORD	2,170	2,170
06-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.69	AUD	ORD	21,747	21,747

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
06-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.76	AUD	ORD	8,160	8,160
06-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	11.76	AUD	ORD	-230	-230
06-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.76	AUD	ORD	6,243	6,243
06-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.76	AUD	ORD	12,486	12,486
06-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.72	AUD	ORD	362,094	362,094
06-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.76	AUD	ORD	3,660	3,660
06-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	11.76	AUD	ORD	-8,307	-8,307
06-Jan-23	BlackRock Investment Management, LLC	on mkt sell	11.76	AUD	ORD	-3,403	-3,403
09-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.96	AUD	ORD	11,720	11,720
09-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.96	AUD	ORD	5,452	5,452
09-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.96	AUD	ORD	830	830
09-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	32,130	32,130
09-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	930,041	930,041
10-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.73	AUD	ORD	15,966	15,966
10-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.73	AUD	ORD	516	516
10-Jan-23	BlackRock Asset Management Canada Limited	on mkt buy	11.73	AUD	ORD	881	881
10-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-930,041	-930,041
11-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.91	AUD	ORD	8,378	8,378
11-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.91	AUD	ORD	12,849	12,849
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,133	17,133
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-19,920	-19,920
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,422	11,422
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,422	11,422
11-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.89	AUD	ORD	1,988	1,988
11-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.89	AUD	ORD	24,976	24,976
11-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.89	AUD	ORD	7,983	7,983
11-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.89	AUD	ORD	663	663
11-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.89	AUD	ORD	1,315	1,315
11-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	11.89	AUD	ORD	789	789
11-Jan-23	BlackRock Japan Co., Ltd.	on mkt buy	11.89	AUD	ORD	9,896	9,896
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,350	8,350
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	36,720	36,720
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,422	11,422
11-Jan-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	9,115	9,115
11-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	10,363	10,363
11-Jan-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	22,572	22,572
11-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	591,969	591,969
12-Jan-23	BlackRock Japan Co., Ltd.	on mkt buy	12.00	AUD	ORD	18,150	18,150
12-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.99	AUD	ORD	41,856	41,856
12-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	16,700	16,700
12-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,073	17,073
12-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,382	11,382
12-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,073	17,073
12-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.00	AUD	ORD	22,287	22,287
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.00	AUD	ORD	664	664
12-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	12.00	AUD	ORD	-720	-720
12-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	12.00	AUD	ORD	5,935	5,935
12-Jan-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-9,115	-9,115
12-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-10,363	-10,363
12-Jan-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-22,572	-22,572
12-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-61,907	-61,907
13-Jan-23	BlackRock Asset Management Canada Limited	on mkt sell	12.05	AUD	ORD	-4,877	-4,877
13-Jan-23	BlackRock Advisors, LLC	on mkt sell	12.05	AUD	ORD	-5,551	-5,551
13-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.15	AUD	ORD	8,885	8,885
13-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.15	AUD	ORD	7,129	7,129
13-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,770	13,770
13-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,590	4,590
13-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	32,130	32,130

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
13-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,752	1,752
13-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.08	AUD	ORD	87,416	87,416
13-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.08	AUD	ORD	1,326	1,326
13-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.08	AUD	ORD	15,405	15,405
13-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,950	22,950
13-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	55,080	55,080
13-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-29	-29
13-Jan-23	APERIO GROUP LLC	in specie	n/a	AUD	ORD	3,716	3,716
16-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.43	AUD	ORD	10,644	10,644
16-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-530,033	-530,033
17-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,964	1,964
17-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,964	1,964
17-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,180	9,180
17-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,590	4,590
17-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.41	AUD	ORD	-21,029	-21,029
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.29	AUD	ORD	21,720	21,720
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.25	AUD	ORD	2,715	2,715
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	12.25	AUD	ORD	-18,732	-18,732
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.25	AUD	ORD	340	340
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.25	AUD	ORD	1,020	1,020
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.25	AUD	ORD	3,094	3,094
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.26	AUD	ORD	4,641	4,641
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.25	AUD	ORD	251	251
17-Jan-23	APERIO GROUP LLC	in specie	n/a	AUD	ORD	-3,716	-3,716
18-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.09	AUD	ORD	16,676	16,676
18-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.09	AUD	ORD	3,117	3,117
18-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,928	3,928
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.04	AUD	ORD	5,420	5,420
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.04	AUD	ORD	5,322	5,322
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	12.04	AUD	ORD	-2,661	-2,661
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	12.04	AUD	ORD	-660	-660
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.04	AUD	ORD	1,320	1,320
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.04	AUD	ORD	342	342
18-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.04	AUD	ORD	-1,913	-1,913
18-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	12.04	AUD	ORD	17,997	17,997
18-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-26,040	-26,040
18-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	804,000	804,000
19-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,221	-13,221
19-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	12.16	AUD	ORD	-138	-138
19-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	12.16	AUD	ORD	-2,007	-2,007
19-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.16	AUD	ORD	-1,759	-1,759
19-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	50,000	50,000
20-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.34	AUD	ORD	-64,487	-64,487
20-Jan-23	BlackRock Japan Co., Ltd.	on mkt sell	12.34	AUD	ORD	-38,244	-38,244
20-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.40	AUD	ORD	-275,124	-275,124
20-Jan-23	BlackRock Japan Co., Ltd.	on mkt sell	12.34	AUD	ORD	-31,041	-31,041
20-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.40	AUD	ORD	-79,819	-79,819
20-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.40	AUD	ORD	-620,648	-620,648
20-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.48	AUD	ORD	60,091	60,091
20-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.48	AUD	ORD	4,078	4,078
20-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,288	-12,288
20-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,080	3,080
20-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	36,960	36,960
20-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-83,500	-83,500
20-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,964	1,964
20-Jan-23	BlackRock Asset Management North Asia Limited	on mkt sell	12.45	AUD	ORD	-8,114	-8,114
20-Jan-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.55	AUD	ORD	-7,867	-7,867

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-Jan-23	BlackRock Investment Management, LLC	on mkt sell	12.55	AUD	ORD	-8,008	-8,008
20-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.55	AUD	ORD	582	582
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,336	2,336
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	190	190
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,728	13,728
23-Jan-23	BlackRock Fund Advisors	on mkt sell	12.66	AUD	ORD	-10,233	-10,233
23-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.71	AUD	ORD	454	454
23-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.69	AUD	ORD	4,692	4,692
23-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.69	AUD	ORD	820	820
23-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.69	AUD	ORD	1,314	1,314
23-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-816,850	-816,850
24-Jan-23	BlackRock Advisors, LLC	on mkt sell	12.63	AUD	ORD	-11,205	-11,205
24-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.78	AUD	ORD	477	477
24-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.80	AUD	ORD	163	163
24-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	12.80	AUD	ORD	-16,419	-16,419
24-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-25,385	-25,385
25-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.90	AUD	ORD	18,207	18,207
25-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,458	1,458
25-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.84	AUD	ORD	12,708	12,708
25-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.80	AUD	ORD	451	451
25-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.70	AUD	ORD	8,130	8,130
25-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.70	AUD	ORD	384	384
25-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.70	AUD	ORD	868	868
25-Jan-23	BlackRock Financial Management, Inc.	on mkt sell	12.70	AUD	ORD	-2,816	-2,816
25-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-11,765	-11,765
26-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	285	285
26-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,336	2,336
26-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,284	8,284
27-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.67	AUD	ORD	50,969	50,969
27-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.66	AUD	ORD	2,700	2,700
27-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,336	2,336
27-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	41,310	41,310
27-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-29,637	-29,637
27-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,340	12,340
27-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,030	-3,030
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.65	AUD	ORD	5,420	5,420
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.65	AUD	ORD	48	48
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	12.65	AUD	ORD	-37,512	-37,512
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.65	AUD	ORD	53,220	53,220
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.65	AUD	ORD	1,314	1,314
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.65	AUD	ORD	1,085	1,085
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.65	AUD	ORD	524	524
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.65	AUD	ORD	1,223	1,223
27-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.65	AUD	ORD	13,280	13,280
27-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	498	498
30-Jan-23	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-303,782	-303,782
30-Jan-23	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	303,782	303,782
30-Jan-23	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	-73,695	-73,695
30-Jan-23	BlackRock Investment Management, LLC	in specie	n/a	AUD	ORD	73,695	73,695
30-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,180	9,180
30-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,284	8,284
30-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,284	8,284
30-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.68	AUD	ORD	2,391	2,391
30-Jan-23	BlackRock Japan Co., Ltd.	on mkt sell	12.53	AUD	ORD	-28,312	-28,312
30-Jan-23	BlackRock Japan Co., Ltd.	on mkt sell	12.53	AUD	ORD	-11,640	-11,640
30-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.70	AUD	ORD	1,303	1,303

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-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.70	AUD	ORD	40,654	40,654
30-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.70	AUD	ORD	24,299	24,299
30-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.70	AUD	ORD	-934	-934
30-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.77	AUD	ORD	3,978	3,978
30-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.77	AUD	ORD	-11,730	-11,730
30-Jan-23	BlackRock Fund Advisors (UK) Limited	on mkt buy	12.77	AUD	ORD	786	786
30-Jan-23	BlackRock Fund Advisors	on mkt buy	12.77	AUD	ORD	23,990	23,990
30-Jan-23	BlackRock Asset Management Canada Limited	on mkt buy	12.77	AUD	ORD	602	602
30-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-41,697	-41,697
30-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-498	-498
31-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.64	AUD	ORD	2,506	2,506
31-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,284	8,284
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.55	AUD	ORD	8,133	8,133
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.55	AUD	ORD	462	462
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	12.55	AUD	ORD	654	654
31-Jan-23	BlackRock Advisors (UK) Limited	on mkt sell	12.55	AUD	ORD	-13,244	-13,244
31-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.55	AUD	ORD	-2,030	-2,030
31-Jan-23	BlackRock Investment Management (UK) Limited	on mkt buy	12.55	AUD	ORD	19,888	19,888
31-Jan-23	BlackRock Fund Advisors	on mkt buy	12.55	AUD	ORD	5,016	5,016
31-Jan-23	BlackRock Asset Management Canada Limited	on mkt buy	12.55	AUD	ORD	4,845	4,845
31-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.55	AUD	ORD	22,932	22,932
01-Feb-23	BlackRock Advisors, LLC	on mkt sell	12.63	AUD	ORD	-93,850	-93,850
01-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.57	AUD	ORD	-18,234	-18,234
01-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,360	18,360
01-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,284	8,284
01-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,284	8,284
01-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,254	23,254
01-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,786	-9,786
01-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.68	AUD	ORD	4,045	4,045
01-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.67	AUD	ORD	30,182	30,182
01-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.67	AUD	ORD	4,606	4,606
01-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.68	AUD	ORD	888	888
01-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	12.64	AUD	ORD	-25,008	-25,008
01-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	12.64	AUD	ORD	164	164
01-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	12.64	AUD	ORD	656	656
01-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	12.64	AUD	ORD	692	692
01-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.64	AUD	ORD	16,904	16,904
01-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.64	AUD	ORD	23,110	23,110
01-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.64	AUD	ORD	20,068	20,068
01-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	31,681	31,681
02-Feb-23	BlackRock Japan Co., Ltd.	on mkt buy	13.19	AUD	ORD	5,188	5,188
02-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	13.21	AUD	ORD	78,514	78,514
02-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,506	-1,506
02-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	13.22	AUD	ORD	5,410	5,410
02-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	13.22	AUD	ORD	184	184
02-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	13.22	AUD	ORD	-18,756	-18,756
02-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	13.22	AUD	ORD	2,661	2,661
02-Feb-23	BlackRock Investment Management, LLC	on mkt buy	13.22	AUD	ORD	2,220	2,220
02-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	31,681	31,681
02-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-31,681	-31,681
03-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.75	AUD	ORD	2,513	2,513

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
03-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,044	-4,044
03-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	12.72	AUD	ORD	-525,168	-525,168
03-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	12.69	AUD	ORD	668	668
03-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	12.69	AUD	ORD	4,032	4,032
03-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.73	AUD	ORD	-1,795	-1,795
03-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.74	AUD	ORD	3,173	3,173
03-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.74	AUD	ORD	20,000	20,000
03-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.74	AUD	ORD	15,480	15,480
03-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.69	AUD	ORD	13,377	13,377
03-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,455	-8,455
03-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	588,032	588,032
06-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,770	13,770
06-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.63	AUD	ORD	4,984	4,984
06-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.58	AUD	ORD	75,072	75,072
06-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	12.58	AUD	ORD	2,699	2,699
06-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	12.58	AUD	ORD	8,097	8,097
06-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	12.58	AUD	ORD	-138	-138
06-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	12.58	AUD	ORD	520	520
06-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	12.58	AUD	ORD	6,909	6,909
06-Feb-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	3,389	3,389
06-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-23,226	-23,226
06-Feb-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	46,930	46,930
06-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	73,190	73,190
06-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	290,510	290,510
06-Feb-23	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,931	2,931
07-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.48	AUD	ORD	6,879	6,879
07-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,076	2,076
07-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	12.47	AUD	ORD	-476	-476
07-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,284	8,284
07-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,360	18,360
07-Feb-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	66,677	66,677
07-Feb-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	62	62
07-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	2,258,264	2,258,264
07-Feb-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	2,558	2,558
07-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	18,763	18,763
07-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	36,577	36,577
07-Feb-23	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	770	770
08-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.55	AUD	ORD	-7,900	-7,900
08-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.58	AUD	ORD	36,628	36,628
08-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.58	AUD	ORD	33,671	33,671
08-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.58	AUD	ORD	-575	-575
08-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.58	AUD	ORD	7,028	7,028
08-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,770	13,770
08-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	68,850	68,850
08-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.57	AUD	ORD	6,589	6,589
08-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	12.60	AUD	ORD	340	340
08-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.60	AUD	ORD	-3,373	-3,373
08-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	12.60	AUD	ORD	-48,337	-48,337

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-Feb-23	BlackRock Investment Management, LLC	on mkt sell	12.60	AUD	ORD	-9,681	-9,681
08-Feb-23	BlackRock Investment Management, LLC	on mkt sell	12.60	AUD	ORD	-11,586	-11,586
08-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.60	AUD	ORD	-29,794	-29,794
08-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.60	AUD	ORD	29,794	29,794
08-Feb-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-3,451	-3,451
08-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,279,859	-1,279,859
08-Feb-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-49,488	-49,488
08-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-91,953	-91,953
08-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-364,175	-364,175
08-Feb-23	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3,701	-3,701
09-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.39	AUD	ORD	136	136
09-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.37	AUD	ORD	134,453	134,453
09-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.37	AUD	ORD	-3,383	-3,383
09-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	12.39	AUD	ORD	434	434
09-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,950	22,950
09-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	27,540	27,540
09-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-59,993	-59,993
09-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	845,409	845,409
09-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-451,798	-451,798
10-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.09	AUD	ORD	1,273	1,273
10-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.18	AUD	ORD	-24,496	-24,496
10-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.11	AUD	ORD	-72,840	-72,840
10-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,590	4,590
10-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	32,130	32,130
10-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.06	AUD	ORD	2,304	2,304
10-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.06	AUD	ORD	14,122	14,122
10-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.01	AUD	ORD	11,511	11,511
10-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	82,783	82,783
10-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	89,439	89,439
10-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,604	-3,604
13-Feb-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	32,285	32,285
13-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,752	1,752
13-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.01	AUD	ORD	318	318
13-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.96	AUD	ORD	-4,215	-4,215
13-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	11.96	AUD	ORD	-23,922	-23,922
13-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	11.96	AUD	ORD	233	233
13-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.96	AUD	ORD	49,715	49,715
13-Feb-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	65,441	65,441
13-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-401,974	-401,974
13-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,657	-3,657
13-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,713	-1,713
14-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.99	AUD	ORD	5,067	5,067
14-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	12.02	AUD	ORD	260	260
14-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.02	AUD	ORD	12,831	12,831
14-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,360	18,360

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
14-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-632,130	-632,130
14-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-582,466	-582,466
14-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-58,556	-58,556
15-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,752	1,752
15-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,950	22,950
15-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.82	AUD	ORD	4,107	4,107
15-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.83	AUD	ORD	5,721	5,721
15-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.83	AUD	ORD	67,527	67,527
15-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.83	AUD	ORD	25,424	25,424
15-Feb-23	BlackRock Advisors, LLC	on mkt buy	11.73	AUD	ORD	3,950	3,950
15-Feb-23	BlackRock Asset Management Canada Limited	on mkt buy	11.73	AUD	ORD	4,977	4,977
15-Feb-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-81,384	-81,384
15-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-214,665	-214,665
15-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-206,014	-206,014
15-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-21,080	-21,080
16-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.43	AUD	ORD	3,542	3,542
16-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,692	-10,692
16-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.43	AUD	ORD	177,010	177,010
16-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	11.38	AUD	ORD	1,326	1,326
16-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.38	AUD	ORD	-10,925	-10,925
16-Feb-23	BlackRock Investment Management, LLC	on mkt buy	11.38	AUD	ORD	2,215	2,215
16-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.38	AUD	ORD	73,899	73,899
16-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.38	AUD	ORD	2,346	2,346
16-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,950	22,950
16-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-159,771	-159,771
16-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-142,710	-142,710
16-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-14,192	-14,192
17-Feb-23	BlackRock Investment Management (UK) Limited	on mkt buy	11.53	AUD	ORD	19,794	19,794
17-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,892	5,892
17-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.38	AUD	ORD	88,547	88,547
17-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.38	AUD	ORD	58,664	58,664
17-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.37	AUD	ORD	10,222	10,222
17-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.37	AUD	ORD	505	505
17-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.37	AUD	ORD	5,816	5,816
17-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	11.39	AUD	ORD	-50,616	-50,616
17-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	11.39	AUD	ORD	1,100	1,100
17-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.39	AUD	ORD	12,279	12,279
17-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.39	AUD	ORD	61,324	61,324
17-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.39	AUD	ORD	-1,774	-1,774
17-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.39	AUD	ORD	-4,356	-4,356
17-Feb-23	APERIO GROUP LLC	in specie	n/a	AUD	ORD	3,716	3,716
20-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.25	AUD	ORD	10,451	10,451
20-Feb-23	BlackRock Advisors, LLC	on mkt sell	11.12	AUD	ORD	-16,849	-16,849
20-Feb-23	BlackRock Japan Co., Ltd.	on mkt buy	11.27	AUD	ORD	30,511	30,511
20-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	11.22	AUD	ORD	-5,340	-5,340
20-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	74,002	74,002

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
21-Feb-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	339,375	339,375
21-Feb-23	BlackRock Japan Co., Ltd.	on mkt buy	11.07	AUD	ORD	30,511	30,511
21-Feb-23	BlackRock Japan Co., Ltd.	on mkt sell	11.06	AUD	ORD	-1,670	-1,670
21-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.00	AUD	ORD	7,038	7,038
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	11.00	AUD	ORD	12,504	12,504
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	11.00	AUD	ORD	-125,040	-125,040
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	11.00	AUD	ORD	330	330
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	11.00	AUD	ORD	-530	-530
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	11.00	AUD	ORD	-344	-344
21-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.00	AUD	ORD	134,004	134,004
21-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.00	AUD	ORD	-53,700	-53,700
21-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,950	22,950
21-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	100,918	100,918
21-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	819,578	819,578
21-Feb-23	APERIO GROUP LLC	in specie	n/a	AUD	ORD	-3,716	-3,716
22-Feb-23	BlackRock Japan Co., Ltd.	on mkt buy	10.72	AUD	ORD	30,511	30,511
22-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.73	AUD	ORD	-157,806	-157,806
22-Feb-23	BlackRock Japan Co., Ltd.	on mkt sell	10.73	AUD	ORD	-39,443	-39,443
22-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.80	AUD	ORD	-71,710	-71,710
22-Feb-23	BlackRock Japan Co., Ltd.	on mkt sell	10.73	AUD	ORD	-24,816	-24,816
22-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.80	AUD	ORD	-18,878	-18,878
22-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.80	AUD	ORD	-252,710	-252,710
22-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	10.71	AUD	ORD	-505	-505
22-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.71	AUD	ORD	13,001	13,001
22-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	10.64	AUD	ORD	-48	-48
22-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	10.64	AUD	ORD	2,001	2,001
22-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.64	AUD	ORD	8,734	8,734
22-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.64	AUD	ORD	23,674	23,674
22-Feb-23	BlackRock Advisors, LLC	on mkt buy	10.64	AUD	ORD	19,744	19,744
22-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.64	AUD	ORD	92,300	92,300
22-Feb-23	BlackRock Advisors, LLC	on mkt buy	10.64	AUD	ORD	3,492	3,492
22-Feb-23	BlackRock Investment Management, LLC	on mkt buy	10.64	AUD	ORD	573	573
22-Feb-23	BlackRock Asset Management Canada Limited	on mkt buy	10.64	AUD	ORD	5,210	5,210
22-Feb-23	BlackRock Asset Management Canada Limited	on mkt buy	10.64	AUD	ORD	18,976	18,976
22-Feb-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	142,374	142,374
22-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-118,459	-118,459
22-Feb-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	3	3
22-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	39,805	39,805
22-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-589,237	-589,237
22-Feb-23	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	12,736	12,736
23-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.44	AUD	ORD	12,304	12,304
23-Feb-23	BlackRock Japan Co., Ltd.	on mkt buy	10.45	AUD	ORD	30,511	30,511
23-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.48	AUD	ORD	-10,603	-10,603
23-Feb-23	BlackRock Asset Management North Asia Limited	on mkt sell	10.48	AUD	ORD	-262,016	-262,016
23-Feb-23	BlackRock Japan Co., Ltd.	on mkt sell	10.48	AUD	ORD	-2,650	-2,650
23-Feb-23	BlackRock Japan Co., Ltd.	on mkt sell	10.48	AUD	ORD	-1,668	-1,668
23-Feb-23	BlackRock Fund Advisors	on mkt sell	10.46	AUD	ORD	-19,546	-19,546
23-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.51	AUD	ORD	-2,150	-2,150
23-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.51	AUD	ORD	-566	-566

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-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.51	AUD	ORD	-7,577	-7,577
23-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.38	AUD	ORD	-593,829	-593,829
23-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.38	AUD	ORD	-156,330	-156,330
23-Feb-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.38	AUD	ORD	-2,092,648	-2,092,648
23-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.43	AUD	ORD	13,784	13,784
23-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.44	AUD	ORD	24,989	24,989
23-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,752	1,752
23-Feb-23	BlackRock Investment Management, LLC	on mkt buy	10.44	AUD	ORD	10,958	10,958
23-Feb-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-142,374	-142,374
23-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	-2
23-Feb-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-3	-3
23-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-39,805	-39,805
23-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-230,341	-230,341
23-Feb-23	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-12,736	-12,736
24-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.37	AUD	ORD	12,834	12,834
24-Feb-23	BlackRock Japan Co., Ltd.	on mkt buy	10.36	AUD	ORD	30,511	30,511
24-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,770	13,770
24-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-747	-747
24-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.36	AUD	ORD	-6,683	-6,683
24-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.37	AUD	ORD	19,310	19,310
24-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	10.41	AUD	ORD	-480	-480
24-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	10.41	AUD	ORD	332	332
24-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.41	AUD	ORD	-5,144	-5,144
24-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.41	AUD	ORD	8,674	8,674
24-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	857,454	857,454
24-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	31,598	31,598
24-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	9,371	9,371
27-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	10.17	AUD	ORD	2,808	2,808
27-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	10.17	AUD	ORD	277	277
27-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-640,477	-640,477
27-Feb-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-31,598	-31,598
27-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,371	-9,371
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.37	AUD	ORD	530	530
28-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.37	AUD	ORD	5,865	5,865
28-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.37	AUD	ORD	-1,722	-1,722
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	10.37	AUD	ORD	-384	-384
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	10.37	AUD	ORD	18,792	18,792
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	10.37	AUD	ORD	-798	-798
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	10.37	AUD	ORD	-798	-798
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.37	AUD	ORD	10,670	10,670
28-Feb-23	BlackRock Advisors, LLC	on mkt buy	10.37	AUD	ORD	20,948	20,948
28-Feb-23	BlackRock Advisors, LLC	on mkt buy	10.37	AUD	ORD	3,866	3,866
28-Feb-23	BlackRock Asset Management Canada Limited	on mkt buy	10.37	AUD	ORD	4,773	4,773
28-Feb-23	BlackRock Asset Management Canada Limited	on mkt buy	10.37	AUD	ORD	19,105	19,105
28-Feb-23	BlackRock Investment Management, LLC	on mkt buy	10.37	AUD	ORD	1,646	1,646
28-Feb-23	BlackRock Asset Management Canada Limited	on mkt buy	10.37	AUD	ORD	5,620	5,620

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
28-Feb-23	BlackRock Investment Management (UK) Limited	on mkt buy	10.37	AUD	ORD	947	947
28-Feb-23	BlackRock Investment Management (UK) Limited	on mkt buy	10.37	AUD	ORD	276	276
28-Feb-23	BlackRock International Limited	on mkt buy	10.37	AUD	ORD	1,013	1,013
28-Feb-23	BlackRock Investment Management (UK) Limited	on mkt buy	10.37	AUD	ORD	1,075	1,075
28-Feb-23	BlackRock Investment Management, LLC	on mkt buy	10.37	AUD	ORD	1,852	1,852
28-Feb-23	BlackRock Fund Advisors	on mkt sell	10.37	AUD	ORD	-31,083	-31,083
28-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.37	AUD	ORD	-1,200	-1,200
28-Feb-23	BlackRock Asset Management Canada Limited	on mkt sell	10.37	AUD	ORD	-29	-29
28-Feb-23	BlackRock Asset Management Canada Limited	on mkt buy	10.37	AUD	ORD	1,455	1,455
28-Feb-23	BlackRock Asset Management Canada Limited	on mkt sell	10.37	AUD	ORD	-1,280	-1,280
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	10.37	AUD	ORD	-1,265	-1,265
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt sell	10.37	AUD	ORD	-210	-210
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.37	AUD	ORD	3,599	3,599
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	10.37	AUD	ORD	-25,410	-25,410
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.37	AUD	ORD	5,273	5,273
28-Feb-23	BlackRock Asset Management Canada Limited	on mkt buy	10.37	AUD	ORD	16,850	16,850
28-Feb-23	BlackRock Investment Management (UK) Limited	on mkt buy	10.37	AUD	ORD	2,846	2,846
28-Feb-23	BlackRock Investment Management (UK) Limited	on mkt buy	10.37	AUD	ORD	831	831
28-Feb-23	BlackRock International Limited	on mkt buy	10.37	AUD	ORD	3,045	3,045
28-Feb-23	BlackRock Investment Management (UK) Limited	on mkt buy	10.37	AUD	ORD	3,230	3,230
28-Feb-23	BlackRock Investment Management, LLC	on mkt buy	10.37	AUD	ORD	5,559	5,559
28-Feb-23	BlackRock Asset Management Canada Limited	on mkt buy	10.37	AUD	ORD	4,371	4,371
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.37	AUD	ORD	10,799	10,799
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.37	AUD	ORD	15,808	15,808
28-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-57,000	-57,000
01-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.58	AUD	ORD	1,667	1,667
01-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.58	AUD	ORD	20,221	20,221
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.56	AUD	ORD	351	351
01-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,494	13,494
01-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.65	AUD	ORD	1,696	1,696
01-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.66	AUD	ORD	11,766	11,766
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.66	AUD	ORD	60,883	60,883
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.66	AUD	ORD	42,378	42,378
01-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.66	AUD	ORD	3,146	3,146
01-Mar-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	444	444
01-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	284,409	284,409
01-Mar-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	72	72
01-Mar-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1,877	1,877
01-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,171,641	1,171,641
01-Mar-23	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	96	96
02-Mar-23	BlackRock Advisors, LLC	on mkt buy	10.94	AUD	ORD	59,649	59,649
02-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.94	AUD	ORD	910	910

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
02-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.94	AUD	ORD	7,613	7,613
02-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,076	-2,076
02-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,488	-15,488
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.97	AUD	ORD	46	46
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.97	AUD	ORD	92	92
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.97	AUD	ORD	138	138
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	10.97	AUD	ORD	-131,544	-131,544
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.97	AUD	ORD	872	872
02-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	10.97	AUD	ORD	-4,903	-4,903
02-Mar-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	8	8
02-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4	-4
02-Mar-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	6	6
02-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,170,238	-1,170,238
02-Mar-23	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	7	7
02-Mar-23	APERIO GROUP LLC	in specie	n/a	AUD	ORD	-656	-656
03-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	10.92	AUD	ORD	41,807	41,807
03-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.90	AUD	ORD	17,222	17,222
03-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.89	AUD	ORD	-7,513	-7,513
03-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.90	AUD	ORD	1,765	1,765
03-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.90	AUD	ORD	157	157
03-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.93	AUD	ORD	498	498
03-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.93	AUD	ORD	332	332
03-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.93	AUD	ORD	664	664
03-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.93	AUD	ORD	876	876
03-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	10.93	AUD	ORD	-5,749	-5,749
03-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.93	AUD	ORD	3,559	3,559
03-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.93	AUD	ORD	27,080	27,080
03-Mar-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	1	1
03-Mar-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	1	1
03-Mar-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-63	-63
03-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	55	55
03-Mar-23	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	6	6
06-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,000	-2,000
06-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.82	AUD	ORD	850	850
06-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.82	AUD	ORD	247	247
06-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.84	AUD	ORD	-96,186	-96,186
06-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.84	AUD	ORD	6,264	6,264
06-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	10.84	AUD	ORD	-5,410	-5,410
06-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	10.84	AUD	ORD	-8,115	-8,115
06-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	10.84	AUD	ORD	-660	-660
06-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.84	AUD	ORD	171	171
06-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.84	AUD	ORD	6,162	6,162
06-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.84	AUD	ORD	8,797	8,797
06-Mar-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-453	-453
06-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-500,841	-500,841
06-Mar-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-79	-79
06-Mar-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,815	-1,815
06-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,458	-1,458
06-Mar-23	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-110	-110
07-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-59,670	-59,670

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-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,180	9,180
07-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,964	1,964
07-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,005	3,005
07-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.62	AUD	ORD	614	614
07-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.65	AUD	ORD	8,244	8,244
07-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	10.65	AUD	ORD	-32,448	-32,448
07-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.65	AUD	ORD	342	342
08-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.29	AUD	ORD	-17,075	-17,075
08-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.32	AUD	ORD	15,512	15,512
08-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.32	AUD	ORD	-735	-735
08-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.32	AUD	ORD	218	218
08-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.34	AUD	ORD	-149,864	-149,864
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.35	AUD	ORD	2,722	2,722
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.35	AUD	ORD	1,100	1,100
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.35	AUD	ORD	880	880
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.35	AUD	ORD	1,320	1,320
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.35	AUD	ORD	243	243
08-Mar-23	BlackRock Advisors, LLC	on mkt buy	10.35	AUD	ORD	6,256	6,256
08-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.35	AUD	ORD	5,810	5,810
08-Mar-23	BlackRock Investment Management, LLC	on mkt sell	10.35	AUD	ORD	-5,518	-5,518
08-Mar-23	BlackRock Investment Management, LLC	on mkt sell	10.35	AUD	ORD	-5,810	-5,810
08-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.35	AUD	ORD	47,150	47,150
08-Mar-23	BlackRock Asset Management Canada Limited	on mkt buy	10.35	AUD	ORD	1,421	1,421
08-Mar-23	BlackRock Asset Management Canada Limited	on mkt buy	10.35	AUD	ORD	4,264	4,264
08-Mar-23	BlackRock Investment Management, LLC	on mkt buy	10.35	AUD	ORD	1,946	1,946
09-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.38	AUD	ORD	406	406
09-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.38	AUD	ORD	64,377	64,377
09-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.38	AUD	ORD	27,036	27,036
09-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.37	AUD	ORD	3,938	3,938
09-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.37	AUD	ORD	192	192
09-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	10.37	AUD	ORD	-1,292	-1,292
09-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	10.37	AUD	ORD	-56,928	-56,928
09-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	10.37	AUD	ORD	-289	-289
09-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	10.37	AUD	ORD	-12,771	-12,771
09-Mar-23	BlackRock Investment Management, LLC	on mkt buy	10.37	AUD	ORD	1,582	1,582
09-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	282,238	282,238
10-Mar-23	BlackRock Advisors, LLC	on mkt sell	10.48	AUD	ORD	-4,100	-4,100
10-Mar-23	BlackRock Advisors, LLC	on mkt sell	10.48	AUD	ORD	-12,561	-12,561
10-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	10.55	AUD	ORD	87,956	87,956
10-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.59	AUD	ORD	-5,105	-5,105
10-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.60	AUD	ORD	169	169
10-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,528	-3,528
10-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.57	AUD	ORD	26,268	26,268
10-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	10.55	AUD	ORD	4,286	4,286
10-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,950	22,950
10-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	24,873	24,873

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
10-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	375,437	375,437
13-Mar-23	BlackRock Advisors, LLC	on mkt sell	10.81	AUD	ORD	-5,138	-5,138
13-Mar-23	BlackRock Advisors, LLC	on mkt sell	10.81	AUD	ORD	-15,678	-15,678
13-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.10	AUD	ORD	868	868
13-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.10	AUD	ORD	419	419
13-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	10.93	AUD	ORD	-293,846	-293,846
13-Mar-23	BlackRock Advisors, LLC	on mkt sell	10.81	AUD	ORD	-17,650	-17,650
13-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.11	AUD	ORD	4,757	4,757
13-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.08	AUD	ORD	344	344
13-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	11.08	AUD	ORD	-3,688	-3,688
13-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.08	AUD	ORD	3,224	3,224
13-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.08	AUD	ORD	29,321	29,321
13-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.08	AUD	ORD	-4,908	-4,908
13-Mar-23	BlackRock Investment Management, LLC	on mkt buy	11.08	AUD	ORD	216	216
13-Mar-23	BlackRock Investment Management, LLC	on mkt buy	11.08	AUD	ORD	1,971	1,971
13-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-24,873	-24,873
13-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	872,073	872,073
14-Mar-23	BlackRock Asset Management Canada Limited	in specie	n/a	AUD	ORD	24,918	24,918
14-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.33	AUD	ORD	436	436
14-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.34	AUD	ORD	-1,144	-1,144
14-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.34	AUD	ORD	-8,289	-8,289
14-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.24	AUD	ORD	768	768
14-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.24	AUD	ORD	-2,064	-2,064
14-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.24	AUD	ORD	1,547	1,547
14-Mar-23	BlackRock Investment Management, LLC	on mkt sell	11.24	AUD	ORD	-7,428	-7,428
14-Mar-23	BlackRock Financial Management, Inc.	on mkt sell	11.24	AUD	ORD	-2,314	-2,314
14-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-18,360	-18,360
14-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,247,510	-1,247,510
15-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.05	AUD	ORD	-919	-919
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.10	AUD	ORD	90	90
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.10	AUD	ORD	-225	-225
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.10	AUD	ORD	6,272	6,272
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.10	AUD	ORD	1,100	1,100
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.10	AUD	ORD	1,056	1,056
15-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.10	AUD	ORD	172	172
15-Mar-23	BlackRock Investment Management, LLC	on mkt buy	11.10	AUD	ORD	8,191	8,191
15-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-282,238	-282,238
16-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,668	-13,668
16-Mar-23	BlackRock Advisors, LLC	on mkt sell	11.15	AUD	ORD	-7,999	-7,999
16-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.16	AUD	ORD	-468	-468
16-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.15	AUD	ORD	-5,482	-5,482
16-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.17	AUD	ORD	-19,524	-19,524
16-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.17	AUD	ORD	-41,675	-41,675
16-Mar-23	BlackRock Fund Advisors	on mkt sell	11.15	AUD	ORD	-15,951	-15,951
16-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	11.15	AUD	ORD	30,494	30,494
16-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.15	AUD	ORD	518	518
16-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.15	AUD	ORD	2,573	2,573
16-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	11.15	AUD	ORD	-8,282	-8,282

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
16-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	11.15	AUD	ORD	-2,136	-2,136
16-Mar-23	BlackRock Investment Management, LLC	on mkt buy	11.15	AUD	ORD	2,900	2,900
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,697	5,697
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	28,485	28,485
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,091	17,091
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	39,879	39,879
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,076	2,076
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,780	-22,780
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-22,780	-22,780
17-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	10.92	AUD	ORD	30,494	30,494
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.90	AUD	ORD	-11,961	-11,961
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.90	AUD	ORD	-83,072	-83,072
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	10.91	AUD	ORD	-4,387	-4,387
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	10.89	AUD	ORD	-5,482	-5,482
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	10.89	AUD	ORD	1,100	1,100
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	10.89	AUD	ORD	-2,010	-2,010
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.89	AUD	ORD	-20,927	-20,927
17-Mar-23	BlackRock Advisors, LLC	on mkt sell	10.89	AUD	ORD	-5,081	-5,081
17-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	10.89	AUD	ORD	-2,935	-2,935
17-Mar-23	BlackRock Asset Management Canada Limited	on mkt buy	10.89	AUD	ORD	3,302	3,302
17-Mar-23	BlackRock Fund Advisors	on mkt buy	10.89	AUD	ORD	5,626	5,626
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.89	AUD	ORD	15,604	15,604
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	10.89	AUD	ORD	4,213	4,213
17-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	10.89	AUD	ORD	-25,002	-25,002
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.89	AUD	ORD	-2,650	-2,650
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.89	AUD	ORD	-18,729	-18,729
17-Mar-23	BlackRock Investment Management, LLC	on mkt sell	10.89	AUD	ORD	-178	-178
17-Mar-23	BlackRock Investment Management, LLC	on mkt sell	10.89	AUD	ORD	-1,259	-1,259
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.89	AUD	ORD	-12,846	-12,846
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.89	AUD	ORD	-1,818	-1,818
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	10.89	AUD	ORD	-22,325	-22,325
17-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	10.89	AUD	ORD	-157,743	-157,743
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.89	AUD	ORD	-3,158	-3,158
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	10.89	AUD	ORD	-447	-447
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	28,485	28,485
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,788	22,788
20-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	28,525	28,525
20-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.77	AUD	ORD	-694	-694
20-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.78	AUD	ORD	-105,372	-105,372
20-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.82	AUD	ORD	-6,141	-6,141
20-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.82	AUD	ORD	501	501
20-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.82	AUD	ORD	167	167
20-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	11.78	AUD	ORD	30,494	30,494
20-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.82	AUD	ORD	17,365	17,365
20-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.82	AUD	ORD	-16,053	-16,053
21-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	11.59	AUD	ORD	11,730	11,730
21-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	11.60	AUD	ORD	30,494	30,494
21-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.60	AUD	ORD	-19,809	-19,809

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
21-Mar-23	BlackRock Financial Management, Inc.	on mkt buy	11.59	AUD	ORD	208	208
21-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.60	AUD	ORD	-4,963	-4,963
21-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.64	AUD	ORD	9,320	9,320
21-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	11.64	AUD	ORD	3,938	3,938
21-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.64	AUD	ORD	-12,282	-12,282
22-Mar-23	BlackRock Japan Co., Ltd.	on mkt buy	11.20	AUD	ORD	30,494	30,494
22-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.20	AUD	ORD	-28,591	-28,591
22-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.20	AUD	ORD	-199,147	-199,147
22-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.19	AUD	ORD	-14,419	-14,419
22-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.22	AUD	ORD	1,302	1,302
22-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.22	AUD	ORD	-14,762	-14,762
22-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.22	AUD	ORD	-95,927	-95,927
22-Mar-23	BlackRock Advisors, LLC	on mkt sell	11.22	AUD	ORD	-9,327	-9,327
22-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.22	AUD	ORD	-20,305	-20,305
22-Mar-23	BlackRock Advisors, LLC	on mkt sell	11.22	AUD	ORD	-1,972	-1,972
22-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.22	AUD	ORD	-4,037	-4,037
22-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	11.22	AUD	ORD	-5,535	-5,535
22-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	148,581	148,581
22-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	23,243	23,243
23-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.45	AUD	ORD	-13,038	-13,038
23-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.45	AUD	ORD	-127,778	-127,778
23-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.45	AUD	ORD	-100,566	-100,566
23-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.44	AUD	ORD	-344	-344
23-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.44	AUD	ORD	-21,067	-21,067
23-Mar-23	BlackRock Fund Advisors	on mkt sell	11.44	AUD	ORD	-3,492	-3,492
23-Mar-23	BlackRock Investment Management, LLC	on mkt sell	11.44	AUD	ORD	-13,173	-13,173
23-Mar-23	BlackRock Investment Management, LLC	on mkt buy	11.44	AUD	ORD	873	873
23-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-116,397	-116,397
23-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	439,646	439,646
24-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	11.56	AUD	ORD	-73,255	-73,255
24-Mar-23	BlackRock Japan Co., Ltd.	on mkt sell	11.61	AUD	ORD	-20,000	-20,000
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.55	AUD	ORD	-11,277	-11,277
24-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.55	AUD	ORD	-2,742	-2,742
24-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.55	AUD	ORD	-10,130	-10,130
24-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.53	AUD	ORD	-2,009	-2,009
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.53	AUD	ORD	-7,911	-7,911
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.53	AUD	ORD	3,488	3,488
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.53	AUD	ORD	-13,338	-13,338
24-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.53	AUD	ORD	-3,739	-3,739
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.53	AUD	ORD	-44,005	-44,005
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.53	AUD	ORD	-2,041	-2,041
24-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	530,146	530,146
24-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-439,646	-439,646

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
27-Mar-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	33,802	33,802
27-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,785	1,785
27-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.74	AUD	ORD	-76,209	-76,209
27-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.74	AUD	ORD	-52,334	-52,334
27-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.83	AUD	ORD	-79,781	-79,781
27-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.83	AUD	ORD	2,158	2,158
27-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	11.83	AUD	ORD	3,405	3,405
27-Mar-23	BlackRock Advisors, LLC	on mkt sell	11.83	AUD	ORD	-6,593	-6,593
27-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	11.83	AUD	ORD	72,112	72,112
27-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.83	AUD	ORD	-1,019	-1,019
27-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.83	AUD	ORD	-22,324	-22,324
27-Mar-23	BlackRock Advisors, LLC	on mkt sell	11.83	AUD	ORD	-1,714	-1,714
27-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.83	AUD	ORD	14,045	14,045
27-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	11.83	AUD	ORD	-2,233	-2,233
27-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	11.83	AUD	ORD	-7,496	-7,496
27-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.75	AUD	ORD	-7,179	-7,179
28-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,418	-11,418
28-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,965	2,965
28-Mar-23	BlackRock Japan Co., Ltd.	on mkt sell	11.62	AUD	ORD	-1,064	-1,064
28-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.70	AUD	ORD	-6,823	-6,823
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.74	AUD	ORD	-18,420	-18,420
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.74	AUD	ORD	4,085	4,085
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.74	AUD	ORD	-342	-342
28-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.74	AUD	ORD	723	723
28-Mar-23	BlackRock Advisors, LLC	on mkt sell	11.74	AUD	ORD	-5,277	-5,277
28-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.74	AUD	ORD	-15,129	-15,129
28-Mar-23	BlackRock Advisors, LLC	on mkt sell	11.74	AUD	ORD	-1,596	-1,596
28-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	11.74	AUD	ORD	-1,119	-1,119
28-Mar-23	BlackRock Advisors, LLC	on mkt buy	11.74	AUD	ORD	25,403	25,403
28-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	11.74	AUD	ORD	-1,616	-1,616
28-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	11.74	AUD	ORD	-6,268	-6,268
28-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-43,291	-43,291
28-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-23,243	-23,243
29-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,964	1,964
29-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.96	AUD	ORD	-312	-312
29-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.96	AUD	ORD	-11,483	-11,483
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.97	AUD	ORD	-75,967	-75,967
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.97	AUD	ORD	-11,691	-11,691
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.97	AUD	ORD	-1,836	-1,836
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.98	AUD	ORD	-10,936	-10,936
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	11.98	AUD	ORD	-486	-486
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.98	AUD	ORD	1,547	1,547
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.98	AUD	ORD	663	663
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	11.98	AUD	ORD	2,652	2,652
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.98	AUD	ORD	-37,488	-37,488
29-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.98	AUD	ORD	-23,483	-23,483
29-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.98	AUD	ORD	-1,105	-1,105
29-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,784	-9,784
30-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,730	5,730

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-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	11.99	AUD	ORD	-204,931	-204,931
30-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.99	AUD	ORD	-1,044	-1,044
30-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.99	AUD	ORD	-3,393	-3,393
30-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.99	AUD	ORD	-8,793	-8,793
30-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	11.99	AUD	ORD	-66	-66
30-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	12.03	AUD	ORD	2,160	2,160
30-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	21,305	21,305
31-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	12.24	AUD	ORD	4,064	4,064
31-Mar-23	BlackRock Japan Co., Ltd.	on mkt sell	12.24	AUD	ORD	-14,237	-14,237
31-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,460	11,460
31-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,730	5,730
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.30	AUD	ORD	-10,217	-10,217
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.30	AUD	ORD	-1,085	-1,085
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.30	AUD	ORD	-81,868	-81,868
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	12.30	AUD	ORD	-291	-291
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	12.30	AUD	ORD	-12,715	-12,715
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	12.31	AUD	ORD	-2,778	-2,778
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	12.31	AUD	ORD	138	138
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	12.31	AUD	ORD	2,168	2,168
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.31	AUD	ORD	40,466	40,466
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.31	AUD	ORD	12,759	12,759
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.31	AUD	ORD	2,439	2,439
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.31	AUD	ORD	-38,086	-38,086
31-Mar-23	BlackRock Advisors, LLC	on mkt sell	12.31	AUD	ORD	-24,620	-24,620
31-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	12.31	AUD	ORD	-1,471	-1,471
31-Mar-23	BlackRock Asset Management Canada Limited	on mkt buy	12.31	AUD	ORD	45,790	45,790
31-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	12.31	AUD	ORD	-42,990	-42,990
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	12.31	AUD	ORD	-16,710	-16,710
31-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	12.31	AUD	ORD	929	929
31-Mar-23	BlackRock Advisors, LLC	on mkt sell	12.31	AUD	ORD	-2,076	-2,076
31-Mar-23	BlackRock Asset Management Canada Limited	on mkt buy	12.31	AUD	ORD	1,100	1,100
31-Mar-23	BlackRock Investment Management, LLC	on mkt buy	12.31	AUD	ORD	568	568
31-Mar-23	BlackRock Advisors, LLC	on mkt buy	12.31	AUD	ORD	27,721	27,721
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	12.31	AUD	ORD	-2,307	-2,307
31-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	12.31	AUD	ORD	-7,555	-7,555
31-Mar-23	BlackRock Asset Management Canada Limited	on mkt sell	12.31	AUD	ORD	-25,088	-25,088
31-Mar-23	BlackRock Fund Advisors	on mkt buy	12.31	AUD	ORD	10,140	10,140
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	12.31	AUD	ORD	-6,875	-6,875
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	12.31	AUD	ORD	-52,293	-52,293
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.31	AUD	ORD	52,293	52,293
31-Mar-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	26,359	26,359
31-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-499,212	-499,212
31-Mar-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	20,660	20,660
31-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	240,997	240,997

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
03-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	12.16	AUD	ORD	-237	-237
03-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	12.16	AUD	ORD	-8,075	-8,075
03-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.17	AUD	ORD	-95,119	-95,119
03-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.17	AUD	ORD	11,650	11,650
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	12.17	AUD	ORD	-830	-830
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.17	AUD	ORD	657	657
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.17	AUD	ORD	253	253
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.17	AUD	ORD	210	210
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.17	AUD	ORD	3,013	3,013
03-Apr-23	BlackRock Fund Advisors	on mkt sell	12.17	AUD	ORD	-1,706	-1,706
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.17	AUD	ORD	8,256	8,256
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.17	AUD	ORD	117,883	117,883
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.17	AUD	ORD	4,739	4,739
03-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.17	AUD	ORD	331	331
03-Apr-23	BlackRock Investment Management, LLC	on mkt buy	12.17	AUD	ORD	50	50
03-Apr-23	BlackRock Investment Management, LLC	on mkt buy	12.17	AUD	ORD	716	716
03-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.17	AUD	ORD	1,458	1,458
03-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.17	AUD	ORD	20,837	20,837
03-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.17	AUD	ORD	4,443	4,443
03-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	12.17	AUD	ORD	310	310
03-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,924	22,924
03-Apr-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-26,359	-26,359
03-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	358,860	358,860
03-Apr-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-20,660	-20,660
03-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-240,997	-240,997
04-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	12.45	AUD	ORD	-4,197	-4,197
04-Apr-23	BlackRock Advisors, LLC	on mkt sell	12.46	AUD	ORD	-90,138	-90,138
04-Apr-23	BlackRock Japan Co., Ltd.	on mkt sell	12.46	AUD	ORD	-32,316	-32,316
04-Apr-23	BlackRock Japan Co., Ltd.	on mkt sell	12.46	AUD	ORD	-7,103	-7,103
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.60	AUD	ORD	2,778	2,778
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	12.60	AUD	ORD	-5,556	-5,556
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	12.60	AUD	ORD	-46	-46
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.60	AUD	ORD	6,222	6,222
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.60	AUD	ORD	24,888	24,888
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	12.60	AUD	ORD	-6,222	-6,222
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.60	AUD	ORD	660	660
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.60	AUD	ORD	253	253
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.60	AUD	ORD	324	324
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.60	AUD	ORD	324	324
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.60	AUD	ORD	8,210	8,210
04-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.60	AUD	ORD	1,463	1,463
04-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	12.60	AUD	ORD	10,914	10,914
04-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-359,890	-359,890
05-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,156	9,156
05-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,156	9,156
05-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	13.03	AUD	ORD	222	222
05-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	13.03	AUD	ORD	2,677	2,677
05-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	13.03	AUD	ORD	-13,852	-13,852
05-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	13.03	AUD	ORD	-111,189	-111,189
05-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	12.99	AUD	ORD	3,938	3,938
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.99	AUD	ORD	782	782
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.99	AUD	ORD	479,094	479,094

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
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.99	AUD	ORD	2,200	2,200
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.99	AUD	ORD	324	324
05-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	12.99	AUD	ORD	472	472
05-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	12.99	AUD	ORD	-54,473	-54,473
05-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-483	-483
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	13.15	AUD	ORD	-159,657	-159,657
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	13.18	AUD	ORD	24,465	24,465
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	13.18	AUD	ORD	5,825	5,825
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	13.18	AUD	ORD	184	184
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	13.18	AUD	ORD	414	414
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	13.18	AUD	ORD	660	660
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	13.18	AUD	ORD	1,512	1,512
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	13.18	AUD	ORD	324	324
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	13.18	AUD	ORD	18,993	18,993
06-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	13.18	AUD	ORD	14,905	14,905
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	13.18	AUD	ORD	513	513
06-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	13.18	AUD	ORD	4,016	4,016
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	13.18	AUD	ORD	5,292	5,292
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	13.18	AUD	ORD	5,205	5,205
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	13.18	AUD	ORD	8,564	8,564
06-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	11,854	11,854
06-Apr-23	APERIO GROUP LLC	in specie	n/a	AUD	ORD	3,060	3,060
10-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	137,757	137,757
10-Apr-23	APERIO GROUP LLC	in specie	n/a	AUD	ORD	-3,060	-3,060
11-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	13.33	AUD	ORD	-59,958	-59,958
11-Apr-23	BlackRock Japan Co., Ltd.	on mkt sell	13.33	AUD	ORD	-26,880	-26,880
11-Apr-23	BlackRock Japan Co., Ltd.	on mkt sell	13.33	AUD	ORD	-28,888	-28,888
11-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	13.11	AUD	ORD	4,806	4,806
11-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	13.46	AUD	ORD	4,631	4,631
11-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	13.46	AUD	ORD	1,199	1,199
11-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	13.46	AUD	ORD	7,118	7,118
11-Apr-23	BlackRock Asset Management Canada Limited	on mkt buy	13.46	AUD	ORD	299	299
11-Apr-23	BlackRock Asset Management Canada Limited	on mkt buy	13.46	AUD	ORD	1,781	1,781
11-Apr-23	BlackRock Asset Management Canada Limited	on mkt sell	13.46	AUD	ORD	-5,321	-5,321
11-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	13.46	AUD	ORD	553	553
11-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	13.46	AUD	ORD	3,291	3,291
11-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	13.46	AUD	ORD	299	299
11-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	13.46	AUD	ORD	1,782	1,782
11-Apr-23	BlackRock Fund Advisors	on mkt buy	13.46	AUD	ORD	2,971	2,971
11-Apr-23	BlackRock Fund Advisors	on mkt buy	13.46	AUD	ORD	17,641	17,641
11-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	372,962	372,962
12-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,244	-9,244
12-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	13.60	AUD	ORD	12,871	12,871
12-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	13.57	AUD	ORD	1,919	1,919
12-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	13.63	AUD	ORD	-269	-269
12-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	13.62	AUD	ORD	-37,023	-37,023
12-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	13.62	AUD	ORD	-138,856	-138,856

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
12-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	13.62	AUD	ORD	-279,089	-279,089
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	13.70	AUD	ORD	2,640	2,640
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	13.70	AUD	ORD	173	173
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	13.70	AUD	ORD	1,410	1,410
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	13.70	AUD	ORD	-217	-217
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	13.70	AUD	ORD	-1,535	-1,535
12-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	13.70	AUD	ORD	64,403	64,403
12-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-531,047	-531,047
13-Apr-23	BlackRock Japan Co., Ltd.	on mkt sell	13.91	AUD	ORD	-9,338	-9,338
13-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	13.91	AUD	ORD	-45,532	-45,532
13-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	13.82	AUD	ORD	-270,007	-270,007
13-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	13.82	AUD	ORD	-143,097	-143,097
13-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	13.83	AUD	ORD	-357	-357
13-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	13.80	AUD	ORD	-660	-660
13-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	13.80	AUD	ORD	1,069	1,069
13-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	13.80	AUD	ORD	470	470
13-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	13.80	AUD	ORD	-3,806	-3,806
13-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	13.80	AUD	ORD	5,216	5,216
13-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	13.80	AUD	ORD	6,812	6,812
13-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	23,110	23,110
13-Apr-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	10,329	10,329
13-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	85,658	85,658
13-Apr-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	64	64
13-Apr-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	14,713	14,713
13-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	10,974	10,974
14-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	14.34	AUD	ORD	-224	-224
14-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	14.32	AUD	ORD	47,731	47,731
14-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	14.32	AUD	ORD	1,321,375	1,321,375
14-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	14.37	AUD	ORD	-14,426	-14,426
14-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	14.37	AUD	ORD	-51,949	-51,949
14-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	14.37	AUD	ORD	-109,220	-109,220
14-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	14.32	AUD	ORD	16,030	16,030
14-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	14.32	AUD	ORD	443,784	443,784
14-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	14.40	AUD	ORD	5,815	5,815
14-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	14.40	AUD	ORD	-2,730	-2,730
14-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	14.40	AUD	ORD	-74,676	-74,676
14-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	14.40	AUD	ORD	774	774
14-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	14.40	AUD	ORD	23,209	23,209
14-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	14.40	AUD	ORD	2,200	2,200
14-Apr-23	BlackRock Investment Management, LLC	on mkt sell	14.40	AUD	ORD	-2,200	-2,200
14-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,598	5,598
14-Apr-23	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	-10,329	-10,329
14-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,836	-2,836
14-Apr-23	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-64	-64
14-Apr-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-7,948	-7,948
14-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-9,973	-9,973
17-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,488	18,488
17-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,244	9,244

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-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	14.00	AUD	ORD	33,682	33,682
17-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	14.00	AUD	ORD	932,387	932,387
17-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	14.00	AUD	ORD	-218,296	-218,296
17-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	14.00	AUD	ORD	-38,859	-38,859
17-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	14.00	AUD	ORD	-742,845	-742,845
17-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	14.00	AUD	ORD	-27,570	-27,570
17-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	14.00	AUD	ORD	-4,907	-4,907
17-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	14.00	AUD	ORD	-93,819	-93,819
17-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	14.00	AUD	ORD	-201,315	-201,315
17-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	14.00	AUD	ORD	-35,838	-35,838
17-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	14.00	AUD	ORD	-685,052	-685,052
17-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	14.01	AUD	ORD	-172,252	-172,252
17-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	14.04	AUD	ORD	-5,448	-5,448
17-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	14.04	AUD	ORD	-37,314	-37,314
17-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	14.04	AUD	ORD	11,748	11,748
17-Apr-23	BlackRock Investment Management, LLC	on mkt buy	14.04	AUD	ORD	71,836	71,836
17-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-104,181	-104,181
17-Apr-23	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-6,765	-6,765
17-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,001	-1,001
18-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,244	9,244
18-Apr-23	BlackRock Japan Co., Ltd.	on mkt sell	13.94	AUD	ORD	-23,410	-23,410
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	14.03	AUD	ORD	8,141	8,141
18-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	14.03	AUD	ORD	-18,657	-18,657
18-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	14.03	AUD	ORD	2,354	2,354
18-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	14.03	AUD	ORD	162	162
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	14.03	AUD	ORD	7,658	7,658
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	14.03	AUD	ORD	7,708	7,708
18-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	14.03	AUD	ORD	16,062	16,062
18-Apr-23	BlackRock Investment Management, LLC	on mkt buy	14.03	AUD	ORD	5,644	5,644
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	14.03	AUD	ORD	1,686	1,686
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	14.03	AUD	ORD	2,903	2,903
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	14.03	AUD	ORD	3,390	3,390
19-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-450	-450
19-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,888	-3,888
19-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	14.08	AUD	ORD	-70,023	-70,023
19-Apr-23	BlackRock Japan Co., Ltd.	on mkt sell	14.08	AUD	ORD	-30,169	-30,169
19-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	14.18	AUD	ORD	-1,991	-1,991
19-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	14.18	AUD	ORD	-5,587	-5,587
19-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	14.18	AUD	ORD	-10,313	-10,313
19-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	14.23	AUD	ORD	-17,106	-17,106
19-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	14.23	AUD	ORD	-8,076	-8,076
19-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	14.23	AUD	ORD	2,200	2,200
19-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	14.23	AUD	ORD	-4,024	-4,024
19-Apr-23	BlackRock Fund Advisors	on mkt buy	14.23	AUD	ORD	17,106	17,106
19-Apr-23	BlackRock Fund Advisors	on mkt buy	14.23	AUD	ORD	47	47

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
19-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	14.23	AUD	ORD	11,017	11,017
19-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	83,999	83,999
20-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	13.79	AUD	ORD	-150	-150
20-Apr-23	BlackRock Advisors, LLC	on mkt sell	13.75	AUD	ORD	-49,095	-49,095
20-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	13.75	AUD	ORD	-88,851	-88,851
20-Apr-23	BlackRock Japan Co., Ltd.	on mkt sell	13.75	AUD	ORD	-25,841	-25,841
20-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	13.75	AUD	ORD	-314,408	-314,408
20-Apr-23	BlackRock Japan Co., Ltd.	on mkt sell	13.75	AUD	ORD	-66,824	-66,824
20-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	13.75	AUD	ORD	-88,264	-88,264
20-Apr-23	BlackRock Investment Management (UK) Limited	on mkt sell	13.75	AUD	ORD	-1,013,498	-1,013,498
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	13.79	AUD	ORD	-56,109	-56,109
20-Apr-23	BlackRock Investment Management, LLC	on mkt buy	13.95	AUD	ORD	3,859	3,859
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	13.63	AUD	ORD	-1,406	-1,406
20-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	13.63	AUD	ORD	-8,172	-8,172
20-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	13.63	AUD	ORD	-6,210	-6,210
20-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	13.63	AUD	ORD	-4,006	-4,006
20-Apr-23	BlackRock Advisors, LLC	on mkt sell	13.63	AUD	ORD	-10,584	-10,584
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	13.63	AUD	ORD	-52,894	-52,894
20-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	121,411	121,411
20-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	8,589	8,589

24-Apr-23
Shawna Reese,
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
APERIO GROUP LLC	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, reponsible entity or trustee.	ORD	3,060	3,060	Subsidiary of BlackRock, Inc.
BlackRock (Singapore) Limited	SSB-STATE STREET 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, reponsible entity or trustee.	ORD	2,969	2,969	Subsidiary of BlackRock, Inc.
BlackRock Advisors (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, reponsible entity or trustee.	ORD	107,750	107,750	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	BNYM-BONY EUROPE		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, reponsible entity or trustee.	ORD	671,901	671,901	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, reponsible entity or trustee.	ORD	740,395	740,395	Subsidiary of BlackRock, Inc.
BlackRock Advisors (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, reponsible entity or trustee.	ORD	249,282	249,282	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, reponsible entity or trustee.	ORD	12,480,561	12,480,561	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, reponsible entity or trustee.	ORD	48,975	48,975	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 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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	710,697	710,697	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	JPM-JP MORGAN CHASE		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, reponsible entity or trustee.	ORD	15,205	15,205	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	SSB-STATE STREET MUTUAL FUNDS		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, reponsible entity or trustee.	ORD	651,297	651,297	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	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, reponsible entity or trustee.	ORD	4,222	4,222	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	JPM-JP MORGAN CHASE		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, reponsible entity or trustee.	ORD	667,606	667,606	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	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, reponsible entity or trustee.	ORD	57,721	57,721	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, reponsible entity or trustee.	ORD	294,265	294,265	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia 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, reponsible entity or trustee.	ORD	8,894	8,894	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia 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, reponsible entity or trustee.	ORD	2,428	2,428	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	BBH-BROWN BROTHERS HARRIMAN & CO		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, reponsible entity or trustee.	ORD	20,757	20,757	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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	81,755	81,755	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	JPM-JP MORGAN CHASE		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, reponsible entity or trustee.	ORD	110,249	110,249	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 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, reponsible entity or trustee.	ORD	24,770	24,770	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	SSB-STATE STREET BANK & TRUST TORONTO		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, reponsible entity or trustee.	ORD	6,026	6,026	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, reponsible entity or trustee.	ORD	283,528	283,528	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET MUTUAL FUNDS		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, reponsible entity or trustee.	ORD	84,440	84,440	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, reponsible entity or trustee.	ORD	19,391,117	19,391,117	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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	1,488	1,488	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	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, reponsible entity or trustee.	ORD	35,367	35,367	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, reponsible entity or trustee.	ORD	616,485	616,485	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE		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, reponsible entity or trustee.	ORD	2,392	2,392	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	JPM-JP MORGAN CHASE		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, reponsible entity or trustee.	ORD	14,148,381	14,148,381	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	NT-NORTHERN TRUST CO.		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, reponsible entity or trustee.	ORD	160,504	160,504	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, reponsible entity or trustee.	ORD	37,709	37,709	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	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	100,619	100,619	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, reponsible entity or trustee.	ORD	1,920	1,920	Subsidiary of BlackRock, Inc.
BlackRock International Limited	Northern Trust 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, reponsible entity or trustee.	ORD	243,636	243,636	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, reponsible entity or trustee.	ORD	180,220	180,220	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, reponsible entity or trustee.	ORD	447,147	447,147	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	CITI-Citigroup Australia		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, reponsible entity or trustee.	ORD	67,165	67,165	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, reponsible entity or trustee.	ORD	5,677,056	5,677,056	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED		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, reponsible entity or trustee.	ORD	3,147,894	3,147,894	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, reponsible entity or trustee.	ORD	2,575,518	2,575,518	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNP PARIBAS LUX		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, reponsible entity or trustee.	ORD	2,972	2,972	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, reponsible entity or trustee.	ORD	2,311,466	2,311,466	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY EUROPE		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, reponsible entity or trustee.	ORD	10,698,877	10,698,877	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	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, reponsible entity or trustee.	ORD	40,994,781	40,994,781	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CB-Caceis Bank Amsterdam		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, reponsible entity or trustee.	ORD	56,490	56,490	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, reponsible entity or trustee.	ORD	2,832,048	2,832,048	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CREDIT SUISSE (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, reponsible entity or trustee.	ORD	203,388	203,388	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC BANK MIDDLE EAST LIMITED		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, reponsible entity or trustee.	ORD	15,035	15,035	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC-HSBC		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, reponsible entity or trustee.	ORD	1,184,006	1,184,006	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC-HSBC DUSSELDORF		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, reponsible entity or trustee.	ORD	1,179,876	1,179,876	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JP MORGAN CHASE		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, reponsible entity or trustee.	ORD	54,873	54,873	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	100,924	100,924	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	Northern Trust 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, reponsible entity or trustee.	ORD	124,495	124,495	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 held in its capacity as investment manager, reponsible entity or trustee.	ORD	1,066,456	1,066,456	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	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, reponsible entity or trustee.	ORD	1,107	1,107	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	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD	18,420	18,420	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET BANK LUXEMBO		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, reponsible entity or trustee.	ORD	178,058	178,058	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	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, reponsible entity or trustee.	ORD	37,735	37,735	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, reponsible entity or trustee.	ORD	276,373	276,373	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BBH-BROWN BROTHERS HARRIMAN & CO		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, reponsible entity or trustee.	ORD	187,815	187,815	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, reponsible entity or trustee.	ORD	644,619	644,619	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	JPM-JP MORGAN CHASE		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, reponsible entity or trustee.	ORD	518,900	518,900	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-STATE STREET MUTUAL FUNDS		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, reponsible entity or trustee.	ORD	8,679	8,679	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	BBH-BROWN BROTHERS HARRIMAN & CO		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, reponsible entity or trustee.	ORD	40,747	40,747	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	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, reponsible entity or trustee.	ORD	1,572,653	1,572,653	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	JPM-JP MORGAN CHASE		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, reponsible entity or trustee.	ORD	150,360	150,360	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	SSB-State Street Bank And Trust Co.		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, reponsible entity or trustee.	ORD	1,677,600	1,677,600	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 Japan Co., Ltd.	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 10,878	10,878	Subsidiary of BlackRock, Inc.

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

24-Apr-23

**Shawna Reese,
Authorised Signatory**

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 (Singapore) Limited	20 Anson Road #18-01 079912 Singapore
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 North Asia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
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 International Limited	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom)
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
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)
APERIO GROUP LLC	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505

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

Shawna Reese, Authorised Signatory 24-Apr-23
Date

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 NORTHERN STAR RESOURCES LTD 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 20201

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**