

# Form 604

Corporations Act 2001  
Section 671B

## Notice of change of interests of substantial holder

To Company Name/Scheme PERPETUAL LTD

ACN/ARSN 000 431 827

### 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 13 / 09 / 2023

The previous notice was given to the company on 21 / 03 / 2023

The previous notice was dated 17 / 03 / 2023

### 2. Previous and present voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
ORD	6,628,016	5.90	7,878,157	7.00

### 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 Emma Okoniewski

capacity \*Authorised Signatory

sign here

date 15 / 09 /2023

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

### DIRECTIONS

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

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

This is Annexure A of 15 pages referred to in form 604 Notice of change of interests of substantial shareholder

15-Sep-23

Date

Emma Okoniewski,  
Authorised Signatory

## 5. Consideration

## PERPETUAL LTD (PPT)

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-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	20.51	AUD	ORD	3,484	3,484
20-Mar-23	BlackRock Fund Advisors	on mkt buy	20.32	AUD	ORD	134	134
20-Mar-23	BlackRock Asset Management Deutschland AG	on mkt buy	20.32	AUD	ORD	2,019	2,019
20-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	7,912	7,912
20-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-14,959	-14,959
21-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.89	AUD	ORD	1,738	1,738
21-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.92	AUD	ORD	371	371
21-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.96	AUD	ORD	888	888
21-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.96	AUD	ORD	384	384
21-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	20.96	AUD	ORD	-4,392	-4,392
21-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	20.96	AUD	ORD	-1,300	-1,300
21-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	6,047	6,047
22-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	21.68	AUD	ORD	738	738
22-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	21.68	AUD	ORD	1,931	1,931
22-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	21.55	AUD	ORD	2,317	2,317
22-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	21.55	AUD	ORD	708	708
22-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	21.55	AUD	ORD	-2,049	-2,049
22-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	21.55	AUD	ORD	-53	-53
22-Mar-23	BlackRock Investment Management, LLC	on mkt sell	21.55	AUD	ORD	-57	-57
22-Mar-23	BlackRock Investment Management, LLC	on mkt sell	21.55	AUD	ORD	-2,163	-2,163
22-Mar-23	BlackRock Fund Advisors	on mkt buy	21.55	AUD	ORD	111	111
23-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.03	AUD	ORD	-10,404	-10,404
23-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.11	AUD	ORD	-4,922	-4,922
23-Mar-23	BlackRock Fund Advisors	on mkt sell	21.11	AUD	ORD	-491	-491
23-Mar-23	BlackRock Fund Advisors	on mkt sell	21.11	AUD	ORD	-13,707	-13,707
24-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.85	AUD	ORD	4,946	4,946
24-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.86	AUD	ORD	1,863	1,863
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	20.86	AUD	ORD	-1,919	-1,919
27-Mar-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	2,251	2,251
27-Mar-23	BlackRock Asset Management Deutschland AG	on mkt buy	21.15	AUD	ORD	1,330	1,330
28-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,287	-1,287

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-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	21.55	AUD	ORD	185	185
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	21.68	AUD	ORD	752	752
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	21.59	AUD	ORD	599	599
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	21.59	AUD	ORD	-514	-514
29-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	21.59	AUD	ORD	2,316	2,316
29-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	21.59	AUD	ORD	-3,492	-3,492
29-Mar-23	BlackRock Investment Management (UK) Limited	on mkt buy	21.59	AUD	ORD	5,614	5,614
30-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.19	AUD	ORD	25,698	25,698
30-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.19	AUD	ORD	1,354	1,354
30-Mar-23	BlackRock Advisors (UK) Limited	on mkt sell	22.21	AUD	ORD	-258	-258
30-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-13,959	-13,959
31-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,068	-1,068
31-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,617	-1,617
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	21.99	AUD	ORD	-32,816	-32,816
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	21.99	AUD	ORD	-6,211	-6,211
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	21.96	AUD	ORD	2,281	2,281
31-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	21.96	AUD	ORD	4,824	4,824
31-Mar-23	BlackRock Investment Management, LLC	on mkt sell	21.96	AUD	ORD	-2,994	-2,994
31-Mar-23	BlackRock Fund Advisors	on mkt buy	21.96	AUD	ORD	125	125
31-Mar-23	BlackRock Fund Advisors	on mkt buy	21.96	AUD	ORD	10,614	10,614
03-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	22.29	AUD	ORD	-749	-749
03-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.29	AUD	ORD	2,073	2,073
03-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.23	AUD	ORD	1,110	1,110
03-Apr-23	BlackRock Fund Advisors	on mkt buy	22.23	AUD	ORD	6,715	6,715
04-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.29	AUD	ORD	599	599
04-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.29	AUD	ORD	599	599
04-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.27	AUD	ORD	801	801
04-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	22.27	AUD	ORD	330	330
04-Apr-23	BlackRock Fund Advisors	on mkt buy	22.27	AUD	ORD	104	104
04-Apr-23	BlackRock Asset Management Deutschland AG	on mkt buy	22.27	AUD	ORD	1,436	1,436
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	22.29	AUD	ORD	885	885
05-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	22.25	AUD	ORD	1,505	1,505
05-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	22.24	AUD	ORD	-1,204	-1,204
05-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.36	AUD	ORD	384	384
05-Apr-23	BlackRock Fund Advisors	on mkt buy	22.36	AUD	ORD	7,335	7,335
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.68	AUD	ORD	127	127
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.74	AUD	ORD	19,515	19,515
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.80	AUD	ORD	150	150
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.80	AUD	ORD	2,331	2,331

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-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.80	AUD	ORD	555	555
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.80	AUD	ORD	4,856	4,856
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.80	AUD	ORD	298	298
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.80	AUD	ORD	1,293	1,293
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	22.80	AUD	ORD	1,528	1,528
11-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.53	AUD	ORD	173	173
11-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.48	AUD	ORD	319	319
11-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	23.48	AUD	ORD	-75	-75
11-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	23.48	AUD	ORD	-774	-774
11-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	23.48	AUD	ORD	2,315	2,315
11-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.48	AUD	ORD	2,677	2,677
11-Apr-23	BlackRock Fund Advisors	on mkt buy	23.48	AUD	ORD	19,464	19,464
11-Apr-23	BlackRock Fund Advisors	on mkt buy	23.48	AUD	ORD	6,579	6,579
12-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.47	AUD	ORD	3,287	3,287
12-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	23.47	AUD	ORD	-506	-506
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	23.51	AUD	ORD	176	176
12-Apr-23	BlackRock Investment Management, LLC	on mkt sell	23.51	AUD	ORD	-507	-507
13-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.52	AUD	ORD	4,511	4,511
13-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	23.44	AUD	ORD	-258	-258
14-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	23.73	AUD	ORD	2,358	2,358
14-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	23.82	AUD	ORD	-678	-678
14-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.81	AUD	ORD	521	521
14-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.81	AUD	ORD	1,537	1,537
14-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.86	AUD	ORD	555	555
14-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	23.86	AUD	ORD	-516	-516
17-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	23.79	AUD	ORD	29,653	29,653
17-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	23.80	AUD	ORD	-771	-771
17-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	23.80	AUD	ORD	1,231	1,231
17-Apr-23	BlackRock Investment Management, LLC	on mkt sell	23.80	AUD	ORD	-1,231	-1,231
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	23.60	AUD	ORD	-159	-159
18-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	23.64	AUD	ORD	8,961	8,961
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.64	AUD	ORD	825	825
18-Apr-23	BlackRock Fund Advisors	on mkt buy	23.64	AUD	ORD	5,770	5,770
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.66	AUD	ORD	777	777
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.66	AUD	ORD	609	609
18-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	23.66	AUD	ORD	733	733
18-Apr-23	BlackRock Investment Management, LLC	on mkt sell	23.66	AUD	ORD	-1,271	-1,271
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.66	AUD	ORD	67	67
18-Apr-23	BlackRock Fund Advisors	on mkt buy	23.66	AUD	ORD	471	471

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 Fund Advisors	in specie	n/a	AUD	ORD	-1,593	-1,593
19-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	23.49	AUD	ORD	-1,571	-1,571
19-Apr-23	BlackRock Advisors (UK) Limited	on mkt sell	23.55	AUD	ORD	-510	-510
19-Apr-23	BlackRock Asset Management Deutschland AG	on mkt buy	23.55	AUD	ORD	1,345	1,345
19-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,496	-8,496
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.04	AUD	ORD	-7,442	-7,442
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.14	AUD	ORD	609	609
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.14	AUD	ORD	609	609
20-Apr-23	BlackRock Fund Advisors	on mkt sell	24.14	AUD	ORD	-6,276	-6,276
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.14	AUD	ORD	-5,443	-5,443
21-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,168	2,168
21-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.19	AUD	ORD	-2,970	-2,970
21-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.19	AUD	ORD	666	666
21-Apr-23	BlackRock Investment Management, LLC	on mkt sell	24.19	AUD	ORD	-1,840	-1,840
21-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.19	AUD	ORD	-1,675	-1,675
24-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.48	AUD	ORD	1,221	1,221
24-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.48	AUD	ORD	555	555
24-Apr-23	BlackRock Asset Management Deutschland AG	on mkt buy	24.45	AUD	ORD	836	836
24-Apr-23	BlackRock Fund Advisors	on mkt buy	24.45	AUD	ORD	6,123	6,123
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,048	-1,048
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,204	2,204
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.01	AUD	ORD	-578	-578
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.01	AUD	ORD	-3,460	-3,460
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.01	AUD	ORD	-2,982	-2,982
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	23.83	AUD	ORD	-16,122	-16,122
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	23.83	AUD	ORD	-8,433	-8,433
26-Apr-23	BlackRock Asset Management Deutschland AG	on mkt buy	23.82	AUD	ORD	1,349	1,349
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	23.82	AUD	ORD	-57	-57
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	23.82	AUD	ORD	-29	-29
26-Apr-23	BlackRock Investment Management, LLC	on mkt sell	23.82	AUD	ORD	-8	-8
26-Apr-23	BlackRock Investment Management, LLC	on mkt sell	23.82	AUD	ORD	-2,322	-2,322
26-Apr-23	BlackRock Fund Advisors	on mkt buy	23.82	AUD	ORD	95	95
27-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.85	AUD	ORD	384	384
27-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	23.85	AUD	ORD	700	700
27-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	31,520	31,520
28-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.53	AUD	ORD	555	555
28-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.55	AUD	ORD	-30,712	-30,712
28-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.55	AUD	ORD	-566	-566
28-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.53	AUD	ORD	1,110	1,110

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-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	734	734
01-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.85	AUD	ORD	658	658
01-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	34,616	34,616
02-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-348	-348
02-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.52	AUD	ORD	888	888
02-May-23	BlackRock Advisors (UK) Limited	on mkt sell	24.52	AUD	ORD	-249	-249
02-May-23	BlackRock Advisors (UK) Limited	on mkt buy	24.52	AUD	ORD	1,532	1,532
02-May-23	BlackRock Fund Advisors	on mkt buy	24.52	AUD	ORD	6,169	6,169
02-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-66,870	-66,870
03-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.13	AUD	ORD	-888	-888
03-May-23	BlackRock Advisors (UK) Limited	on mkt sell	24.13	AUD	ORD	-765	-765
03-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.13	AUD	ORD	1,692	1,692
04-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.11	AUD	ORD	-3,035	-3,035
04-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.17	AUD	ORD	609	609
04-May-23	BlackRock Advisors (UK) Limited	on mkt buy	24.17	AUD	ORD	9,361	9,361
05-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.38	AUD	ORD	384	384
05-May-23	BlackRock Asset Management Deutschland AG	on mkt buy	24.38	AUD	ORD	1,348	1,348
05-May-23	BlackRock Advisors (UK) Limited	on mkt sell	24.38	AUD	ORD	-2,325	-2,325
08-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.01	AUD	ORD	-583	-583
08-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.01	AUD	ORD	-310	-310
08-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.01	AUD	ORD	-2,735	-2,735
08-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.10	AUD	ORD	-666	-666
08-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.10	AUD	ORD	666	666
09-May-23	BlackRock Advisors (UK) Limited	on mkt sell	25.38	AUD	ORD	-2,905	-2,905
09-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	25.38	AUD	ORD	-1,229	-1,229
09-May-23	BlackRock Fund Advisors	on mkt buy	25.38	AUD	ORD	6,084	6,084
10-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.20	AUD	ORD	364	364
10-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.20	AUD	ORD	4,352	4,352
11-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,905	4,905
11-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.12	AUD	ORD	-8,218	-8,218
12-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	850	850
12-May-23	BlackRock Advisors (UK) Limited	on mkt buy	25.51	AUD	ORD	2,329	2,329
12-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.53	AUD	ORD	75	75
12-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.53	AUD	ORD	1,332	1,332
12-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.53	AUD	ORD	-2,172	-2,172
15-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.42	AUD	ORD	-3,622	-3,622
15-May-23	BlackRock Fund Advisors	on mkt buy	25.52	AUD	ORD	5,921	5,921
15-May-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-2,109	-2,109
16-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.34	AUD	ORD	-127	-127
16-May-23	BlackRock Advisors (UK) Limited	on mkt buy	25.30	AUD	ORD	759	759
16-May-23	BlackRock Advisors (UK) Limited	on mkt sell	25.30	AUD	ORD	-253	-253
16-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,079	1,079
17-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	222	222

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-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.95	AUD	ORD	-534	-534
17-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.95	AUD	ORD	-6,173	-6,173
17-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.89	AUD	ORD	2,664	2,664
17-May-23	BlackRock Advisors (UK) Limited	on mkt buy	24.89	AUD	ORD	704	704
17-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	24.89	AUD	ORD	6,530	6,530
18-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.84	AUD	ORD	-8,014	-8,014
18-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.71	AUD	ORD	3,774	3,774
19-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.78	AUD	ORD	-2,562	-2,562
19-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.77	AUD	ORD	-8,813	-8,813
19-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.76	AUD	ORD	-7,720	-7,720
19-May-23	BlackRock Investment Management, LLC	on mkt sell	24.76	AUD	ORD	-682	-682
22-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.52	AUD	ORD	-745	-745
22-May-23	BlackRock Fund Advisors	on mkt buy	24.52	AUD	ORD	126	126
23-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.79	AUD	ORD	497	497
23-May-23	BlackRock Fund Advisors	on mkt buy	24.84	AUD	ORD	6,067	6,067
23-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.84	AUD	ORD	-653	-653
23-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.84	AUD	ORD	-1,484	-1,484
24-May-23	BlackRock Asset Management Deutschland AG	on mkt buy	24.56	AUD	ORD	1,348	1,348
24-May-23	BlackRock Investment Management (UK) Limited	on mkt buy	24.56	AUD	ORD	4,373	4,373
25-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.36	AUD	ORD	1,863	1,863
25-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.36	AUD	ORD	5,041	5,041
25-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.47	AUD	ORD	5,328	5,328
25-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.47	AUD	ORD	75	75
25-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.46	AUD	ORD	-5,816	-5,816
25-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.46	AUD	ORD	-1,015	-1,015
25-May-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-9,089	-9,089
25-May-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	9,089	9,089
26-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.62	AUD	ORD	757	757
26-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.62	AUD	ORD	4,812	4,812
26-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.63	AUD	ORD	384	384
26-May-23	BlackRock Investment Management, LLC	on mkt sell	24.63	AUD	ORD	-590	-590
29-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.01	AUD	ORD	3,055	3,055
29-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.97	AUD	ORD	666	666
30-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,070	-1,070
30-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,070	-1,070
30-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.91	AUD	ORD	-1,837	-1,837



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30-May-23	BlackRock Asset Management Deutschland AG	on mkt buy	24.91	AUD	ORD	1,348	1,348
30-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,815	-4,815
30-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	970	970
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.76	AUD	ORD	-407	-407
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.76	AUD	ORD	-2,937	-2,937
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.74	AUD	ORD	-5,550	-5,550
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	24.74	AUD	ORD	-258	-258
31-May-23	BlackRock Advisors (UK) Limited	on mkt sell	24.74	AUD	ORD	-9,546	-9,546
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.74	AUD	ORD	-853	-853
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.74	AUD	ORD	-71	-71
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.74	AUD	ORD	-188	-188
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.74	AUD	ORD	-2,261	-2,261
31-May-23	BlackRock Investment Management, LLC	on mkt sell	24.74	AUD	ORD	-214	-214
31-May-23	BlackRock Investment Management, LLC	on mkt sell	24.74	AUD	ORD	-365	-365
31-May-23	BlackRock Fund Advisors	on mkt buy	24.74	AUD	ORD	2,538	2,538
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.74	AUD	ORD	-56	-56
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.74	AUD	ORD	-555	-555
31-May-23	BlackRock Investment Management, LLC	on mkt sell	24.74	AUD	ORD	-144	-144
31-May-23	BlackRock Investment Management, LLC	on mkt sell	24.74	AUD	ORD	-1,722	-1,722
31-May-23	BlackRock Investment Management, LLC	on mkt sell	24.74	AUD	ORD	-50	-50
31-May-23	BlackRock Investment Management, LLC	on mkt sell	24.74	AUD	ORD	-599	-599
31-May-23	BlackRock Investment Management (UK) Limited	on mkt sell	24.74	AUD	ORD	-666	-666
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.74	AUD	ORD	-2,951	-2,951
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.74	AUD	ORD	-292	-292
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.74	AUD	ORD	-1,265	-1,265
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.74	AUD	ORD	-15,107	-15,107
31-May-23	BlackRock Investment Management, LLC	on mkt sell	24.74	AUD	ORD	-2,196	-2,196
31-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-970	-970
01-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.50	AUD	ORD	2,570	2,570
01-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	24.49	AUD	ORD	29,270	29,270
01-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.49	AUD	ORD	888	888
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	24.49	AUD	ORD	-2,336	-2,336
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	24.49	AUD	ORD	-18,688	-18,688
01-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	24.49	AUD	ORD	-4,057	-4,057
02-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,605	-1,605
02-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.39	AUD	ORD	1,509	1,509
02-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.39	AUD	ORD	4,372	4,372
02-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.41	AUD	ORD	-607	-607

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02-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.41	AUD	ORD	4,286	4,286
05-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,076	-1,076
05-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.06	AUD	ORD	24,581	24,581
05-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.07	AUD	ORD	20,983	20,983
05-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.05	AUD	ORD	-2,553	-2,553
05-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	25.05	AUD	ORD	-215	-215
06-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,076	-1,076
06-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.93	AUD	ORD	-2,663	-2,663
07-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,675	-2,675
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.74	AUD	ORD	-8,532	-8,532
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.74	AUD	ORD	-14,672	-14,672
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.74	AUD	ORD	-3,791	-3,791
07-Jun-23	BlackRock Fund Advisors	on mkt sell	24.74	AUD	ORD	-918	-918
07-Jun-23	BlackRock Fund Advisors	on mkt sell	24.74	AUD	ORD	-4,010	-4,010
07-Jun-23	BlackRock Fund Advisors	on mkt sell	24.74	AUD	ORD	-45,066	-45,066
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.74	AUD	ORD	-12,867	-12,867
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.74	AUD	ORD	1,332	1,332
07-Jun-23	BlackRock Asset Management Deutschland AG	on mkt buy	24.74	AUD	ORD	1,348	1,348
07-Jun-23	BlackRock Fund Advisors	on mkt sell	24.74	AUD	ORD	-1	-1
07-Jun-23	BlackRock Fund Advisors	on mkt sell	24.74	AUD	ORD	-6	-6
07-Jun-23	BlackRock Fund Advisors	on mkt sell	24.74	AUD	ORD	-73	-73
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.74	AUD	ORD	-20	-20
07-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	24.74	AUD	ORD	106	106
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.50	AUD	ORD	-1,665	-1,665
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.49	AUD	ORD	-11,767	-11,767
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.50	AUD	ORD	-10,626	-10,626
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.44	AUD	ORD	-2,220	-2,220
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.44	AUD	ORD	517	517
08-Jun-23	BlackRock Fund Advisors	on mkt buy	24.44	AUD	ORD	88	88
09-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,812	1,812
09-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,068	-1,068
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.56	AUD	ORD	-1,421	-1,421
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.56	AUD	ORD	-7,418	-7,418
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.56	AUD	ORD	-11,512	-11,512
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.56	AUD	ORD	-2,196	-2,196
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.56	AUD	ORD	-2,664	-2,664
13-Jun-23	BlackRock Fund Advisors	on mkt buy	24.65	AUD	ORD	96	96
13-Jun-23	BlackRock Investment Management, LLC	on mkt sell	24.81	AUD	ORD	-977	-977
14-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.24	AUD	ORD	-15,476	-15,476
14-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.24	AUD	ORD	-1,162	-1,162

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14-Jun-23	BlackRock Asset Management Deutschland AG	on mkt sell	25.18	AUD	ORD	-5,103	-5,103
14-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	25.18	AUD	ORD	-8,041	-8,041
14-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	25.18	AUD	ORD	-15,940	-15,940
15-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.36	AUD	ORD	-12,585	-12,585
15-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.36	AUD	ORD	-16,008	-16,008
15-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.36	AUD	ORD	-2,735	-2,735
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.54	AUD	ORD	-1,274	-1,274
16-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	25.60	AUD	ORD	15,618	15,618
16-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	25.60	AUD	ORD	44,802	44,802
16-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	25.60	AUD	ORD	1,827	1,827
16-Jun-23	BlackRock Investment Management (UK) Limited	on mkt buy	25.60	AUD	ORD	638	638
19-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.50	AUD	ORD	-6,125	-6,125
19-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.55	AUD	ORD	999	999
19-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.55	AUD	ORD	-609	-609
19-Jun-23	BlackRock Asset Management Deutschland AG	on mkt buy	25.55	AUD	ORD	1,325	1,325
19-Jun-23	BlackRock Fund Advisors	on mkt buy	25.55	AUD	ORD	5,759	5,759
20-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.13	AUD	ORD	-995	-995
20-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.13	AUD	ORD	-920	-920
20-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.24	AUD	ORD	-1,554	-1,554
20-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	26.24	AUD	ORD	-1,038	-1,038
20-Jun-23	BlackRock Asset Management Deutschland AG	on mkt buy	26.24	AUD	ORD	1,324	1,324
21-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.32	AUD	ORD	191	191
21-Jun-23	BlackRock Asset Management Deutschland AG	on mkt buy	26.23	AUD	ORD	1,324	1,324
21-Jun-23	BlackRock Investment Management, LLC	on mkt sell	26.23	AUD	ORD	-1,950	-1,950
21-Jun-23	BlackRock Fund Advisors	on mkt buy	26.23	AUD	ORD	89	89
21-Jun-23	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-644	-644
22-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.49	AUD	ORD	-2,075	-2,075
23-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	25.23	AUD	ORD	3,249	3,249
23-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.10	AUD	ORD	328	328
23-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.10	AUD	ORD	-150	-150
23-Jun-23	BlackRock Fund Advisors	on mkt buy	25.10	AUD	ORD	217	217
23-Jun-23	BlackRock Fund Advisors	on mkt buy	25.10	AUD	ORD	5,909	5,909
26-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.12	AUD	ORD	-6,974	-6,974
26-Jun-23	BlackRock Investment Management, LLC	on mkt sell	25.15	AUD	ORD	-498	-498
26-Jun-23	BlackRock Fund Advisors	on mkt buy	25.15	AUD	ORD	91	91
26-Jun-23	BlackRock Fund Advisors	on mkt buy	25.15	AUD	ORD	6,908	6,908
27-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.43	AUD	ORD	-3,045	-3,045
27-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.43	AUD	ORD	328	328
27-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.43	AUD	ORD	366	366
27-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	25.43	AUD	ORD	9,224	9,224

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27-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	25.43	AUD	ORD	6,918	6,918
27-Jun-23	BlackRock Investment Management, LLC	on mkt sell	25.43	AUD	ORD	-1,354	-1,354
27-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	25.43	AUD	ORD	-607	-607
28-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.94	AUD	ORD	-666	-666
28-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	25.94	AUD	ORD	-129	-129
28-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	25.94	AUD	ORD	-1,321	-1,321
28-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	25.94	AUD	ORD	129	129
29-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	25.85	AUD	ORD	1,832	1,832
29-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.00	AUD	ORD	-1,503	-1,503
29-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	25.98	AUD	ORD	700	700
29-Jun-23	BlackRock Advisors (UK) Limited	on mkt sell	25.98	AUD	ORD	-3,613	-3,613
29-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	25.98	AUD	ORD	-295	-295
30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.88	AUD	ORD	222	222
30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.88	AUD	ORD	-306	-306
30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.88	AUD	ORD	-455	-455
30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.88	AUD	ORD	577	577
30-Jun-23	BlackRock Investment Management, LLC	on mkt sell	25.88	AUD	ORD	-1,965	-1,965
30-Jun-23	BlackRock Asset Management Canada Limited	on mkt buy	25.88	AUD	ORD	429	429
30-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	970	970
03-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	26.03	AUD	ORD	1,050	1,050
03-Jul-23	BlackRock Fund Advisors	on mkt buy	26.03	AUD	ORD	101	101
03-Jul-23	BlackRock Fund Advisors	on mkt buy	26.03	AUD	ORD	5,805	5,805
03-Jul-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	1,609	1,609
03-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-970	-970
04-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.31	AUD	ORD	-1,194	-1,194
04-Jul-23	BlackRock Asset Management Deutschland AG	on mkt buy	26.56	AUD	ORD	1,325	1,325
04-Jul-23	BlackRock Asset Management Deutschland AG	on mkt buy	26.56	AUD	ORD	4,072	4,072
05-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.02	AUD	ORD	-250	-250
05-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,068	-1,068
06-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	25.91	AUD	ORD	-516	-516
06-Jul-23	BlackRock Fund Advisors	on mkt buy	25.91	AUD	ORD	114	114
06-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.91	AUD	ORD	741	741
06-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.91	AUD	ORD	1,352	1,352
07-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.43	AUD	ORD	-304	-304
07-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.30	AUD	ORD	34	34
07-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.30	AUD	ORD	2,050	2,050
07-Jul-23	BlackRock Investment Management, LLC	on mkt sell	25.30	AUD	ORD	-2,050	-2,050
10-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	25.50	AUD	ORD	1,744	1,744
10-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	25.22	AUD	ORD	175	175
10-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	25.22	AUD	ORD	1,498	1,498

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10-Jul-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-86	-86
10-Jul-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-1,306	-1,306
11-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.38	AUD	ORD	555	555
11-Jul-23	BlackRock Investment Management (UK) Limited	on mkt buy	25.40	AUD	ORD	43,441	43,441
11-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.43	AUD	ORD	-666	-666
11-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	25.43	AUD	ORD	-477	-477
13-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,246	-3,246
13-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.52	AUD	ORD	666	666
13-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.52	AUD	ORD	549	549
13-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	25.52	AUD	ORD	-516	-516
13-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	25.52	AUD	ORD	2,326	2,326
14-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	25.90	AUD	ORD	2,327	2,327
14-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.90	AUD	ORD	1,213	1,213
14-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.90	AUD	ORD	1,262	1,262
14-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.90	AUD	ORD	2,511	2,511
14-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.90	AUD	ORD	254	254
17-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,869	-4,869
17-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.86	AUD	ORD	2,399	2,399
17-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.85	AUD	ORD	-333	-333
18-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.02	AUD	ORD	390	390
18-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.96	AUD	ORD	-150	-150
19-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-12,443	-12,443
19-Jul-23	BlackRock Asset Management Deutschland AG	on mkt buy	26.36	AUD	ORD	1,312	1,312
19-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.36	AUD	ORD	1,671	1,671
19-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.36	AUD	ORD	2,652	2,652
19-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.36	AUD	ORD	3,080	3,080
19-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.36	AUD	ORD	2,643	2,643
20-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.56	AUD	ORD	1,880	1,880
20-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.55	AUD	ORD	1,309	1,309
20-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.58	AUD	ORD	1,554	1,554
20-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	26.58	AUD	ORD	-6,981	-6,981
21-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,410	-5,410
21-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,869	-4,869
21-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.35	AUD	ORD	1,337	1,337
21-Jul-23	BlackRock Investment Management (UK) Limited	on mkt buy	26.34	AUD	ORD	16,007	16,007
21-Jul-23	BlackRock Asset Management Deutschland AG	on mkt buy	26.36	AUD	ORD	1,321	1,321
24-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.26	AUD	ORD	2,518	2,518
24-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	970	970
25-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.12	AUD	ORD	736	736

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
25-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.15	AUD	ORD	-75	-75
25-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	26.15	AUD	ORD	-215	-215
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.30	AUD	ORD	1,110	1,110
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.30	AUD	ORD	314	314
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	26.30	AUD	ORD	-555	-555
26-Jul-23	BlackRock Advisors (UK) Limited	on mkt sell	26.30	AUD	ORD	-2,326	-2,326
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.30	AUD	ORD	1,125	1,125
26-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	924	924
26-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-970	-970
27-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.10	AUD	ORD	3,794	3,794
27-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	26.11	AUD	ORD	97	97
28-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.06	AUD	ORD	603	603
28-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	24.06	AUD	ORD	696	696
28-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.06	AUD	ORD	235	235
28-Jul-23	BlackRock Advisors (UK) Limited	(null)	0.00	AUD	ORD	1	1
28-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	970	970
31-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.50	AUD	ORD	10,062	10,062
31-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.65	AUD	ORD	14,144	14,144
31-Jul-23	BlackRock Fund Advisors	on mkt buy	24.65	AUD	ORD	5,740	5,740
31-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-970	-970
01-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.15	AUD	ORD	366	366
01-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.20	AUD	ORD	323	323
01-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.15	AUD	ORD	603	603
01-Aug-23	BlackRock Investment Management (UK) Limited	on mkt buy	25.15	AUD	ORD	1,286	1,286
01-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	970	970
02-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,801	-3,801
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.93	AUD	ORD	3,152	3,152
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.76	AUD	ORD	888	888
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.76	AUD	ORD	314	314
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.76	AUD	ORD	139	139
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.76	AUD	ORD	850	850
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.76	AUD	ORD	2,312	2,312
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.76	AUD	ORD	2,936	2,936
02-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-970	-970
03-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,145	-8,145
03-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.61	AUD	ORD	6,704	6,704
03-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.61	AUD	ORD	14,535	14,535
03-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.62	AUD	ORD	484	484
04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.14	AUD	ORD	3,022	3,022

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-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.14	AUD	ORD	4,508	4,508
04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.14	AUD	ORD	1,210	1,210
04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.14	AUD	ORD	1,872	1,872
04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.15	AUD	ORD	3,885	3,885
04-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	970	970
07-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.30	AUD	ORD	3,441	3,441
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.24	AUD	ORD	680	680
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.30	AUD	ORD	5,994	5,994
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.30	AUD	ORD	111	111
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.30	AUD	ORD	888	888
08-Aug-23	BlackRock Asset Management Deutschland AG	on mkt buy	25.30	AUD	ORD	1,198	1,198
08-Aug-23	BlackRock Fund Advisors	on mkt buy	25.30	AUD	ORD	141	141
09-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,801	-3,801
09-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.45	AUD	ORD	2,080	2,080
09-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.45	AUD	ORD	5,141	5,141
09-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.45	AUD	ORD	901	901
11-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.38	AUD	ORD	354	354
11-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.36	AUD	ORD	488	488
14-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,801	-3,801
14-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.18	AUD	ORD	7,886	7,886
14-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.02	AUD	ORD	1,216	1,216
14-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	25.03	AUD	ORD	-11,640	-11,640
14-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	25.02	AUD	ORD	176	176
14-Aug-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	2,057	2,057
15-Aug-23	BlackRock Advisors (UK) Limited	on mkt sell	24.94	AUD	ORD	-4,654	-4,654
16-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,764	1,764
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.86	AUD	ORD	888	888
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.86	AUD	ORD	444	444
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.86	AUD	ORD	-139	-139
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.86	AUD	ORD	1,696	1,696
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.86	AUD	ORD	4,483	4,483
16-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-970	-970
17-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,860	-10,860
17-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.66	AUD	ORD	433	433
17-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.65	AUD	ORD	2,839	2,839
18-Aug-23	BlackRock Investment Management (UK) Limited	on mkt sell	24.82	AUD	ORD	-29,088	-29,088
18-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	24.79	AUD	ORD	704	704
18-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.79	AUD	ORD	-445	-445
18-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.79	AUD	ORD	-260	-260

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-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.72	AUD	ORD	774	774
21-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	24.63	AUD	ORD	767	767
21-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	24.63	AUD	ORD	-1,916	-1,916
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.93	AUD	ORD	898	898
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.02	AUD	ORD	-444	-444
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	25.02	AUD	ORD	777	777
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	25.02	AUD	ORD	-444	-444
23-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,258	-3,258
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	24.92	AUD	ORD	888	888
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.92	AUD	ORD	-3,037	-3,037
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.92	AUD	ORD	-3,147	-3,147
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.92	AUD	ORD	-3,215	-3,215
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	24.92	AUD	ORD	-1,017	-1,017
24-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	23.31	AUD	ORD	139	139
25-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	22.02	AUD	ORD	-3,542	-3,542
25-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	22.02	AUD	ORD	-7,797	-7,797
25-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	22.02	AUD	ORD	-19,444	-19,444
25-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	22.02	AUD	ORD	-3,824	-3,824
25-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	22.04	AUD	ORD	514	514
25-Aug-23	APERIO GROUP LLC	in specie	n/a	AUD	ORD	1,807	1,807
28-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	22.02	AUD	ORD	1,906	1,906
28-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.40	AUD	ORD	-29,728	-29,728
30-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,516	-6,516
31-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,258	-3,258
31-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,092	-1,092
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.08	AUD	ORD	-11,795	-11,795
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.08	AUD	ORD	-13,388	-13,388
31-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.07	AUD	ORD	-4,397	-4,397
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	21.07	AUD	ORD	88	88
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	21.07	AUD	ORD	2,091	2,091
31-Aug-23	BlackRock Fund Advisors	on mkt buy	21.07	AUD	ORD	422	422
31-Aug-23	BlackRock Fund Advisors	on mkt buy	21.07	AUD	ORD	10,022	10,022
31-Aug-23	BlackRock Asset Management Canada Limited	on mkt sell	21.07	AUD	ORD	-513	-513
31-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	21.07	AUD	ORD	2	2
31-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	21.07	AUD	ORD	60	60
31-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	8,620	8,620
01-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.12	AUD	ORD	-139	-139
01-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.12	AUD	ORD	-3,673	-3,673
01-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,620	-8,620
01-Sep-23	APERIO GROUP LLC	in specie	n/a	AUD	ORD	1,807	1,807
05-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.56	AUD	ORD	-1,772	-1,772



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-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.56	AUD	ORD	-2,018	-2,018
05-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	21.71	AUD	ORD	888	888
05-Sep-23	APERIO GROUP LLC	in specie	n/a	AUD	ORD	-1,807	-1,807
06-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-10,860	-10,860
06-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,145	-8,145
06-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	21.69	AUD	ORD	-3,831	-3,831
07-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	255	255
07-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	20.81	AUD	ORD	-1,972	-1,972
07-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	20.79	AUD	ORD	-20,006	-20,006
08-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.64	AUD	ORD	1,110	1,110
08-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	20.64	AUD	ORD	-887	-887
11-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt sell	20.81	AUD	ORD	-423	-423
11-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	20.84	AUD	ORD	-520	-520
11-Sep-23	BlackRock Fund Advisors	on mkt buy	20.84	AUD	ORD	192	192
12-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.34	AUD	ORD	666	666
13-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	20.00	AUD	ORD	732	732
13-Sep-23	BlackRock Advisors (UK) Limited	on mkt sell	20.00	AUD	ORD	-4,078	-4,078
13-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,375,192	1,375,192

15-Sep-23

Emma Okoniewski,  
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 1,807	1,807	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD 48,987	48,987	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	CITI-CITIBANK, LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD 8,874	8,874	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 214	214	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 578,141	578,141	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 19,709	19,709	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 37,555	37,555	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Deutschland AG	SSB-STATE STREET BANK, GERMANY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, reponsible entity or trustee.	ORD 310,820	310,820	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	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD	1,753	1,753	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT INC	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD	3,513	3,513	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD	28,181	28,181	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD	3,168,805	3,168,805	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD	41,173	41,173	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD	673,503	673,503	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD	4,423	4,423	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD	271	271	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	BNP-BNP PARIBAS AUSTRALIA - COGENT		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD	17,655	17,655	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD	620,295	620,295	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD	364,084	364,084	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD	239,819	239,819	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-BANK OF NY BRUS		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 71,233	71,233	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 1,434,571	1,434,571	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CITI-CITIBANK INTERNATIONAL PLC (LUXEMBOURG BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 7,967	7,967	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CITI-CITIBANK, LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 11,326	11,326	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC-HSBC - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 71,872	71,872	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 4,587	4,587	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, responsible entity or trustee.	ORD 58,125	58,125	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 28,885	28,885	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 15,491	15,491	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	JPM-JP MORGAN CHASE - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 4,518	4,518	Subsidiary of BlackRock, Inc.

## Annexure C

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

15-Sep-23

**Emma Okoniewski,**  
**Authorised Signatory**

**Date**

### 7. Addresses

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

<b>Name</b>	<b>Address</b>
<b>BlackRock Group</b>	
BlackRock Inc.	50 Hudson Yards New York, NY 10001 USA
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management Deutschland AG	Max-Joseph-Straße 6 D-80333 Munich, Germany
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Investment Management (Australia) Limited	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	251 Little Falls Dr Wilmington, DE 19808-1674
APERIO GROUP LLC	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505
BlackRock Financial Management, Inc.	251 Little Falls Dr Wilmington, DE 19808-1674

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

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 Emma Okoniewski, Authorised Signatory                      15-Sep-2023  
 Date

<b>Type of agreement:</b>	Global Master Securities Lending Agreement, Overseas Securities Lending Agreement or Master Securities Lending Agreement.
<b>Parties to agreement:</b>	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.
<b>Transfer date:</b>	The date of the relevant transaction identified as a collateral transfer referred to in Annexure A.
<b>Holder of voting rights:</b>	The Borrower.
<b>Are there any restrictions on voting rights?</b> 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.
<b>Scheduled return date (if any):</b>	The date of the relevant transaction referred to in Annexure A.
<b>Does the borrower have the right to return early?</b> If yes, detail	Yes. The Borrower is entitled to substitute existing collateral with other equities at any time.
<b>Does the lender have the right to recall early?</b> If yes, detail	Yes, at notice.
<b>Will the securities be returned on settlement?</b> If yes, detail any exceptions	Yes.

A copy of the relevant agreement will be provided to PERPETUAL 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 2021
- (ee) Jefferies International Limited GMLSA 22 June 2023

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

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

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

These counterparties do not pledge Australian equities:

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

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

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

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