

# Form 604

Corporations Act 2001  
Section 671B

## Notice of change of interests of substantial holder

To Company Name/Scheme CHALICE MINING LTD

ACN/ARSN 116 648 956

### 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 07 / 09 / 2023

The previous notice was given to the company on 22 / 12 / 2022

The previous notice was dated 20 / 12 / 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	19,902,982	5.28	24,794,074	6.37

### 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 11 / 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 10 pages referred to in form 604 Notice of change of interests of substantial shareholder

11-Sep-23

Emma Okoniewski,  
Authorised Signatory

Date

## 5. Consideration

## CHALICE MINING LTD (CHN)

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, LLC	on mkt buy	6.29	AUD	ORD	4,761	4,761
21-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	6.29	AUD	ORD	2,766	2,766
21-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	6.29	AUD	ORD	120,857	120,857
21-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	6.29	AUD	ORD	31,330	31,330
21-Dec-22	BlackRock Financial Management, Inc.	on mkt buy	6.29	AUD	ORD	644	644
21-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,332	1,332
21-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,218	3,218
21-Dec-22	BlackRock Advisors, LLC	on mkt buy	6.22	AUD	ORD	49,959	49,959
21-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	6.22	AUD	ORD	29,025	29,025
21-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	6.22	AUD	ORD	1,267,987	1,267,987
21-Dec-22	BlackRock Investment Management (UK) Limited	on mkt buy	6.22	AUD	ORD	328,705	328,705
21-Dec-22	BlackRock Financial Management, Inc.	on mkt buy	6.22	AUD	ORD	6,769	6,769
22-Dec-22	BlackRock Advisors, LLC	on mkt sell	6.30	AUD	ORD	-5,247	-5,247
22-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,665	1,665
22-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.31	AUD	ORD	2,058	2,058
23-Dec-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,218	3,218
29-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt sell	6.11	AUD	ORD	-48,474	-48,474
30-Dec-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.30	AUD	ORD	577	577
30-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.30	AUD	ORD	-13,009	-13,009
30-Dec-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.30	AUD	ORD	-17,097	-17,097
03-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.27	AUD	ORD	1,715	1,715
04-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	843	843
05-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	6.65	AUD	ORD	2,620	2,620
05-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.65	AUD	ORD	-1,854	-1,854
09-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.02	AUD	ORD	3,430	3,430
09-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	7.02	AUD	ORD	-9,212	-9,212
09-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-10,786	-10,786
10-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,280	1,280
10-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	6.82	AUD	ORD	-23,555	-23,555
10-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-6	-6
11-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,760	5,760
11-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.88	AUD	ORD	576	576
12-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.83	AUD	ORD	6,517	6,517
13-Jan-23	BlackRock Advisors, LLC	on mkt sell	6.81	AUD	ORD	-7,511	-7,511
16-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.80	AUD	ORD	3,794	3,794
17-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,480	4,480
17-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,920	1,920
17-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	6.76	AUD	ORD	160	160
18-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,200	3,200
18-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	6.83	AUD	ORD	164	164

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-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,653	-3,653
19-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,760	5,760
19-Jan-23	BlackRock Fund Advisors	on mkt buy	6.65	AUD	ORD	10,579	10,579
20-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,665	1,665
20-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	19,980	19,980
20-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,920	1,920
20-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	20	20
23-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,480	7,480
23-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.57	AUD	ORD	1,372	1,372
23-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-20	-20
24-Jan-23	BlackRock Financial Management, Inc.	on mkt buy	6.60	AUD	ORD	1,611	1,611
26-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,760	5,760
26-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	20	20
26-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	20	20
27-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,860	6,860
27-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-801	-801
27-Jan-23	BlackRock Advisors (UK) Limited	on mkt buy	6.19	AUD	ORD	518	518
27-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-20	-20
27-Jan-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-20	-20
30-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.38	AUD	ORD	1,154	1,154
30-Jan-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.38	AUD	ORD	-3,430	-3,430
30-Jan-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-11,562	-11,562
30-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	400	400
31-Jan-23	BlackRock Fund Advisors	on mkt buy	6.46	AUD	ORD	10,250	10,250
31-Jan-23	BlackRock Institutional Trust Company, National Association	on mkt sell	6.46	AUD	ORD	-9,207	-9,207
31-Jan-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-400	-400
01-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,920	7,920
02-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	6.72	AUD	ORD	175	175
03-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,120	5,120
03-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	6.48	AUD	ORD	524	524
06-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.42	AUD	ORD	21,952	21,952
07-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	646	646
09-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.50	AUD	ORD	-3,794	-3,794
13-Feb-23	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	7,777	7,777
14-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt buy	6.24	AUD	ORD	45,811	45,811
16-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	6.28	AUD	ORD	1,578	1,578
16-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.28	AUD	ORD	21,609	21,609
16-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.28	AUD	ORD	686	686
20-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.08	AUD	ORD	1,897	1,897
21-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.24	AUD	ORD	2,058	2,058
21-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	6.24	AUD	ORD	180	180
24-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.27	AUD	ORD	-2,831	-2,831
27-Feb-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,280	-1,280
27-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	12,116	12,116
28-Feb-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.36	AUD	ORD	1,715	1,715
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	6.36	AUD	ORD	525	525
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	6.36	AUD	ORD	2,100	2,100
28-Feb-23	BlackRock Advisors (UK) Limited	on mkt buy	6.36	AUD	ORD	19,628	19,628
28-Feb-23	BlackRock Institutional Trust Company, National Association	on mkt sell	6.36	AUD	ORD	-3,673	-3,673
28-Feb-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	110,000	110,000
28-Feb-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-20	-20
01-Mar-23	BlackRock Financial Management, Inc.	on mkt buy	6.28	AUD	ORD	12,638	12,638
01-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,238	4,238
01-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	6.41	AUD	ORD	527	527

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-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	173,166	173,166
02-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-648	-648
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	6.52	AUD	ORD	527	527
02-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	6.52	AUD	ORD	1,054	1,054
03-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,080	14,080
03-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	6.65	AUD	ORD	2,625	2,625
03-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	149	149
06-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,436	-6,436
06-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,960	8,960
06-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,920	1,920
06-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.69	AUD	ORD	-28,126	-28,126
06-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-149	-149
07-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,525	1,525
08-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.38	AUD	ORD	-41,034	-41,034
08-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	173,165	173,165
08-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-117,405	-117,405
09-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.48	AUD	ORD	1,154	1,154
09-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	6.48	AUD	ORD	-500	-500
09-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	6.48	AUD	ORD	-2,350	-2,350
09-Mar-23	BlackRock Investment Management, LLC	on mkt buy	6.48	AUD	ORD	2,350	2,350
09-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-55,761	-55,761
10-Mar-23	BlackRock Advisors, LLC	on mkt sell	6.30	AUD	ORD	-5,547	-5,547
10-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	55,791	55,791
10-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	20	20
13-Mar-23	BlackRock Advisors, LLC	on mkt sell	6.19	AUD	ORD	-6,953	-6,953
13-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	49,213	49,213
13-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-20	-20
14-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,040	7,040
14-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	21,284	21,284
14-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	55,761	55,761
15-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,960	-8,960
15-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-55,761	-55,761
16-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	100	100
17-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	654	654
17-Mar-23	BlackRock Investment Management (UK) Limited	on mkt sell	6.10	AUD	ORD	-1,064	-1,064
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.10	AUD	ORD	-2,716	-2,716
17-Mar-23	BlackRock Financial Management, Inc.	on mkt sell	6.10	AUD	ORD	-306	-306
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.10	AUD	ORD	16,616	16,616
17-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.10	AUD	ORD	4,661	4,661
17-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-100	-100
20-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	834,016	834,016
20-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3	3
21-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.35	AUD	ORD	2,744	2,744
21-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.35	AUD	ORD	1,154	1,154
21-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-736,176	-736,176
21-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	25,286	25,286
22-Mar-23	BlackRock Advisors (UK) Limited	on mkt buy	6.36	AUD	ORD	2,120	2,120
22-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	6.36	AUD	ORD	-6,105	-6,105
22-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	503	503
23-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.21	AUD	ORD	-16,514	-16,514

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-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt buy	6.21	AUD	ORD	44,861	44,861
23-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-50	-50
24-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	6.28	AUD	ORD	-5,638	-5,638
24-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	8,660	8,660
27-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,660	-8,660
28-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-499,406	-499,406
28-Mar-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-37,385	-37,385
29-Mar-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.99	AUD	ORD	1,867	1,867
29-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,310	-8,310
30-Mar-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-30	-30
31-Mar-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,860	-4,860
31-Mar-23	BlackRock Institutional Trust Company, National Association	on mkt sell	7.49	AUD	ORD	-15,998	-15,998
03-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.25	AUD	ORD	3,430	3,430
03-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	870,510	870,510
04-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.37	AUD	ORD	1,867	1,867
04-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.37	AUD	ORD	1,867	1,867
04-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.37	AUD	ORD	2,456	2,456
04-Apr-23	BlackRock Fund Advisors	on mkt buy	7.37	AUD	ORD	19,935	19,935
04-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	7.37	AUD	ORD	1,022	1,022
04-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	7.37	AUD	ORD	2,620	2,620
04-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-870,470	-870,470
05-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.58	AUD	ORD	1,154	1,154
05-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,120	-5,120
05-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-40	-40
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.52	AUD	ORD	-60,370	-60,370
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.55	AUD	ORD	7,203	7,203
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.55	AUD	ORD	1,715	1,715
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.55	AUD	ORD	14,323	14,323
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.55	AUD	ORD	879	879
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.55	AUD	ORD	5,429	5,429
06-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.55	AUD	ORD	4,619	4,619
06-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	636,512	636,512
06-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	196,053	196,053
07-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-544,872	-544,872
07-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	543,737	543,737
10-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-91,640	-91,640
10-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-739,790	-739,790
12-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	7.85	AUD	ORD	523	523
12-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	826,888	826,888
13-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.93	AUD	ORD	-59,314	-59,314
13-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	11,513	11,513
14-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.93	AUD	ORD	1,715	1,715
14-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,096	3,096
14-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-838,333	-838,333
14-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	206,633	206,633
17-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	826,950	826,950
17-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-206,633	-206,633
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.90	AUD	ORD	2,401	2,401

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
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.90	AUD	ORD	1,896	1,896
18-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt buy	7.90	AUD	ORD	6,130	6,130
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.90	AUD	ORD	13,997	13,997
18-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.90	AUD	ORD	2,776	2,776
18-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,960	-8,960
18-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-12,188	-12,188
19-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,857	-4,857
19-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,904	-25,904
19-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-15,980	-15,980
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.84	AUD	ORD	-44,213	-44,213
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.83	AUD	ORD	1,896	1,896
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.83	AUD	ORD	1,896	1,896
20-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.83	AUD	ORD	-16,821	-16,821
20-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-798,850	-798,850
21-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,032	1,032
21-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.89	AUD	ORD	2,058	2,058
21-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	7.89	AUD	ORD	-4,726	-4,726
21-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	790,232	790,232
24-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.92	AUD	ORD	3,773	3,773
24-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.92	AUD	ORD	1,715	1,715
24-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,626	-3,626
25-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,040	-7,040
25-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-786,606	-786,606
25-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	746,662	746,662
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,238	-3,238
26-Apr-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,422	6,422
26-Apr-23	BlackRock Advisors, LLC	on mkt sell	7.82	AUD	ORD	-2,973	-2,973
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.77	AUD	ORD	-50,079	-50,079
26-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.77	AUD	ORD	-26,369	-26,369
26-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	746,664	746,664
26-Apr-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-746,662	-746,662
27-Apr-23	BlackRock Investment Management (UK) Limited	on mkt buy	7.80	AUD	ORD	2,202	2,202
27-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.81	AUD	ORD	-107,425	-107,425
27-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.84	AUD	ORD	1,152	1,152
27-Apr-23	BlackRock Advisors (UK) Limited	on mkt buy	7.84	AUD	ORD	2,076	2,076
27-Apr-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-746,664	-746,664
28-Apr-23	BlackRock Advisors, LLC	on mkt sell	7.85	AUD	ORD	-2,996	-2,996
28-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.94	AUD	ORD	1,715	1,715
28-Apr-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.94	AUD	ORD	3,430	3,430
28-Apr-23	BlackRock Institutional Trust Company, National Association	on mkt sell	7.94	AUD	ORD	-3,005	-3,005
01-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	21,920	21,920
02-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,020	-1,020
02-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.77	AUD	ORD	2,744	2,744
02-May-23	BlackRock Advisors (UK) Limited	on mkt buy	7.77	AUD	ORD	374	374
02-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-21,920	-21,920
03-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.85	AUD	ORD	-2,744	-2,744
04-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.63	AUD	ORD	1,896	1,896
04-May-23	BlackRock Fund Advisors	on mkt buy	7.63	AUD	ORD	11,648	11,648
04-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	30	30

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04-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	790	790
05-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,936	-3,936
05-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.84	AUD	ORD	1,152	1,152
05-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-30	-30
05-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-790	-790
08-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-8,528	-8,528
08-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.74	AUD	ORD	-2,058	-2,058
08-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.74	AUD	ORD	2,058	2,058
10-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,592	-4,592
10-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,280	-3,280
11-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4	4
11-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	64	64
12-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.53	AUD	ORD	4,116	4,116
12-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4	-4
12-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-64	-64
15-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,872	-7,872
15-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	640,954	640,954
16-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,302	3,302
16-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-20,117	-20,117
17-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	648	648
17-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.32	AUD	ORD	8,232	8,232
17-May-23	BlackRock Advisors (UK) Limited	on mkt buy	7.32	AUD	ORD	2,092	2,092
17-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-84,235	-84,235
18-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.35	AUD	ORD	-48,495	-48,495
18-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.33	AUD	ORD	11,662	11,662
18-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	7.33	AUD	ORD	5,015	5,015
18-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,546	-5,546
19-May-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	391,350	391,350
19-May-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	1,509,678	1,509,678
19-May-23	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	34,550	34,550
19-May-23	BlackRock Financial Management, Inc.	in specie	n/a	AUD	ORD	10,657	10,657
19-May-23	BlackRock Advisors, LLC	in specie	n/a	AUD	ORD	53,765	53,765
19-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-531,056	-531,056
19-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	6	6
22-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-6	-6
23-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	7.40	AUD	ORD	-4,602	-4,602
24-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,248	-5,248
24-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	285,820	285,820
25-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.14	AUD	ORD	16,464	16,464
25-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	7.14	AUD	ORD	-3,399	-3,399
25-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-285,800	-285,800
25-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	410,720	410,720
26-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.13	AUD	ORD	1,152	1,152
26-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-20	-20
26-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-410,720	-410,720
29-May-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.11	AUD	ORD	2,058	2,058
29-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	413,859	413,859
30-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,282	-3,282
30-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,282	-3,282

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30-May-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,769	-14,769
30-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	387,322	387,322
30-May-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-413,859	-413,859
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.00	AUD	ORD	-17,150	-17,150
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.00	AUD	ORD	-19,609	-19,609
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.00	AUD	ORD	-1,341	-1,341
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	7.00	AUD	ORD	-939	-939
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	7.00	AUD	ORD	-3,128	-3,128
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt buy	7.00	AUD	ORD	12,083	12,083
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	7.00	AUD	ORD	-7,613	-7,613
31-May-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.00	AUD	ORD	-403	-403
31-May-23	BlackRock Institutional Trust Company, National Association	on mkt sell	7.00	AUD	ORD	-2,284	-2,284
31-May-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	283,612	283,612
01-Jun-23	BlackRock Advisors, LLC	on mkt sell	6.95	AUD	ORD	-6,293	-6,293
01-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.08	AUD	ORD	2,744	2,744
01-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	7,592	7,592
01-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2	2
02-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-4,920	-4,920
02-Jun-23	BlackRock Investment Management (UK) Limited	on mkt sell	7.12	AUD	ORD	-23,861	-23,861
02-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.21	AUD	ORD	-2,145	-2,145
02-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-678,526	-678,526
02-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	-2
05-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,280	-3,280
05-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.28	AUD	ORD	-7,889	-7,889
05-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2	2
06-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,280	-3,280
06-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,248	5,248
06-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	671,426	671,426
06-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	-2
07-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,560	6,560
07-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.16	AUD	ORD	4,116	4,116
07-Jun-23	BlackRock Fund Advisors	on mkt sell	7.16	AUD	ORD	-6,014	-6,014
07-Jun-23	BlackRock Fund Advisors	on mkt sell	7.16	AUD	ORD	-18,055	-18,055
07-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt buy	7.16	AUD	ORD	482	482
07-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,528	8,528
07-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-1,126	-1,126
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.03	AUD	ORD	-6,860	-6,860
08-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.03	AUD	ORD	1,772	1,772
08-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-11,652	-11,652
08-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	10	10
09-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,226	-3,226
09-Jun-23	BlackRock Advisors, LLC	on mkt sell	7.04	AUD	ORD	-5,159	-5,159
09-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	7.10	AUD	ORD	-8,232	-8,232
09-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-658,638	-658,638
09-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	657,498	657,498
12-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,542	-5,542
13-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,936	3,936
13-Jun-23	BlackRock Fund Advisors	on mkt buy	7.17	AUD	ORD	41,099	41,099
13-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	48,895	48,895

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13-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-651,966	-651,966
14-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,936	3,936
14-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,936	3,936
14-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,560	6,560
14-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-48,905	-48,905
15-Jun-23	BlackRock Advisors, LLC	on mkt sell	7.20	AUD	ORD	-4,661	-4,661
16-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,280	3,280
16-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	7.09	AUD	ORD	11,329	11,329
19-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.69	AUD	ORD	3,141	3,141
19-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.69	AUD	ORD	-1,896	-1,896
19-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	10	10
20-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.60	AUD	ORD	-4,886	-4,886
20-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3	3
20-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	97	97
21-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	27	27
21-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-97	-97
22-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-40	-40
23-Jun-23	BlackRock Advisors, LLC	on mkt sell	6.51	AUD	ORD	-5,028	-5,028
23-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	20	20
26-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-20	-20
27-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.23	AUD	ORD	-9,480	-9,480
27-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.23	AUD	ORD	1,102	1,102
27-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	6.23	AUD	ORD	-3,397	-3,397
28-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.26	AUD	ORD	-2,094	-2,094
28-Jun-23	BlackRock Institutional Trust Company, National Association	on mkt sell	6.26	AUD	ORD	-6,546	-6,546
28-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2	2
29-Jun-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,248	5,248
29-Jun-23	BlackRock Advisors (UK) Limited	on mkt buy	6.15	AUD	ORD	2,100	2,100
29-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	320	320
29-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2	-2
30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.26	AUD	ORD	698	698
30-Jun-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.26	AUD	ORD	-1,985	-1,985
30-Jun-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-300	-300
30-Jun-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	588,896	588,896
03-Jul-23	BlackRock Advisors, LLC	on mkt sell	6.20	AUD	ORD	-18,717	-18,717
03-Jul-23	BlackRock Financial Management, Inc.	on mkt sell	6.20	AUD	ORD	-2,090	-2,090
03-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	6.25	AUD	ORD	3,156	3,156
03-Jul-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	5,983	5,983
03-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-588,896	-588,896
04-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-20	-20
05-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,226	-3,226
06-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.06	AUD	ORD	61,196	61,196
07-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	101	101
10-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.89	AUD	ORD	526	526
10-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.89	AUD	ORD	5,085	5,085
10-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-101	-101
11-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.01	AUD	ORD	67,633	67,633
11-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	6.03	AUD	ORD	-2,094	-2,094
11-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	598,150	598,150
12-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	597,136	597,136

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12-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-598,150	-598,150
13-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.96	AUD	ORD	2,094	2,094
13-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.96	AUD	ORD	1,653	1,653
13-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-527,324	-527,324
13-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	30	30
14-Jul-23	BlackRock Advisors, LLC	on mkt sell	6.04	AUD	ORD	-6,266	-6,266
14-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,592	4,592
14-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-69,812	-69,812
14-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-30	-30
17-Jul-23	BlackRock Advisors, LLC	on mkt sell	6.02	AUD	ORD	-5,570	-5,570
17-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.96	AUD	ORD	-1,047	-1,047
17-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	371,910	371,910
18-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-371,910	-371,910
18-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	601,320	601,320
19-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-129,096	-129,096
20-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.86	AUD	ORD	4,886	4,886
20-Jul-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-472,224	-472,224
21-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	30	30
24-Jul-23	BlackRock Advisors, LLC	on mkt sell	5.67	AUD	ORD	-7,031	-7,031
24-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-30	-30
25-Jul-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.87	AUD	ORD	-583	-583
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.94	AUD	ORD	3,490	3,490
26-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.94	AUD	ORD	-1,745	-1,745
26-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,904	2,904
27-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	124	124
28-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,936	3,936
28-Jul-23	BlackRock Advisors, LLC	on mkt sell	5.88	AUD	ORD	-6,392	-6,392
28-Jul-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.96	AUD	ORD	1,873	1,873
28-Jul-23	BlackRock Advisors (UK) Limited	on mkt buy	5.96	AUD	ORD	2,096	2,096
28-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-92	-92
31-Jul-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,366	2,366
31-Jul-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-32	-32
01-Aug-23	BlackRock Advisors, LLC	on mkt sell	6.03	AUD	ORD	-4,165	-4,165
01-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.00	AUD	ORD	1,102	1,102
01-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	6.00	AUD	ORD	1,873	1,873
01-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	128	128
02-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,028	2,028
02-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.92	AUD	ORD	2,792	2,792
02-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	5.92	AUD	ORD	-639	-639
02-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-128	-128
04-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.89	AUD	ORD	12,215	12,215
04-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	62,377	62,377
07-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-62,377	-62,377
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.70	AUD	ORD	18,846	18,846
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.70	AUD	ORD	349	349
08-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.70	AUD	ORD	2,792	2,792
09-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	62	62
10-Aug-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-62	-62
14-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.42	AUD	ORD	3,746	3,746
14-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	5.42	AUD	ORD	532	532

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-Aug-23	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	6,076	6,076
15-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,902	1,902
15-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	7	7
16-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,586	5,586
16-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	5.35	AUD	ORD	142,464	142,464
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.34	AUD	ORD	2,792	2,792
16-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.34	AUD	ORD	1,396	1,396
16-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-7	-7
17-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,744	-15,744
17-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	4	4
18-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-1,968	-1,968
18-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	4.98	AUD	ORD	2,128	2,128
18-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-5,248	-5,248
21-Aug-23	BlackRock Advisors (UK) Limited	on mkt buy	4.92	AUD	ORD	201	201
21-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	AUD	ORD	-5,929	-5,929
21-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-4	-4
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.08	AUD	ORD	-1,396	-1,396
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	AUD	ORD	2,443	2,443
22-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt sell	5.08	AUD	ORD	-1,396	-1,396
23-Aug-23	BlackRock Investment Management (Australia) Limited	on mkt buy	5.07	AUD	ORD	2,792	2,792
23-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	65	65
24-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-65	-65
25-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,046	2,046
29-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	9	9
30-Aug-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-9	-9
31-Aug-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,438	-3,438
31-Aug-23	BlackRock Investment Management (UK) Limited	on mkt sell	3.57	AUD	ORD	-2,202	-2,202
31-Aug-23	BlackRock Fund Advisors	on mkt buy	3.57	AUD	ORD	2,049	2,049
31-Aug-23	BlackRock Investment Management (UK) Limited	on mkt buy	3.57	AUD	ORD	90	90
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	3.57	AUD	ORD	63	63
31-Aug-23	BlackRock Fund Advisors	on mkt buy	3.57	AUD	ORD	79,833	79,833
31-Aug-23	BlackRock Investment Management (UK) Limited	on mkt buy	3.57	AUD	ORD	3,526	3,526
31-Aug-23	BlackRock Institutional Trust Company, National Association	on mkt buy	3.57	AUD	ORD	2,467	2,467
01-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,067	-2,067
01-Sep-23	BlackRock Advisors, LLC	on mkt buy	3.53	AUD	ORD	3,578	3,578
01-Sep-23	BlackRock Financial Management, Inc.	on mkt buy	3.53	AUD	ORD	2,850	2,850
01-Sep-23	BlackRock Fund Advisors	on mkt buy	3.31	AUD	ORD	23,991	23,991
01-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	5,488	5,488
04-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-5,488	-5,488
05-Sep-23	BlackRock Investment Management (Australia) Limited	on mkt buy	2.90	AUD	ORD	2,792	2,792
07-Sep-23	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	840	840
07-Sep-23	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	36,096	36,096
07-Sep-23	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	940,822	940,822

11-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, responsible entity or trustee.	ORD 947	947	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	SSB-STATE STREET DUBLIN		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 190,766	190,766	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	STATE STREET BANK, MUNICH, ZURICH BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 66,167	66,167	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 282,125	282,125	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 67,471	67,471	Subsidiary of BlackRock, Inc.
BlackRock Financial Management, Inc.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 145	145	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, responsible entity or trustee.	ORD 69,703	69,703	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 93,557	93,557	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 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 4,639,225	4,639,225	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 124,747	124,747	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 2,157,609	2,157,609	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 13,509	13,509	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 701	701	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 53,177	53,177	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 1,736,097	1,736,097	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 702,155	702,155	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 739,091	739,091	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BANK OF NY BRUS		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 216,974	216,974	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 2,731,478	2,731,478	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	ORD 9,766,787	9,766,787	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	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 40,886	40,886	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 34,680	34,680	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 995,035	995,035	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 5,610	5,610	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 49,025	49,025	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 16,407	16,407	Subsidiary of BlackRock, Inc.

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

11-Sep-23

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

### 7. Addresses

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

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



## 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**