

Form 604Corporations Act 2001
Section 671B**Notice of change of interests of substantial holder**To Company Name/Scheme LYNAS RARE EARTHS LTDACN/ARSN 009 066 648**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 10 / 03 / 2021The previous notice was given to the company on 14 / 10 / 2020The previous notice was dated 12 / 10 / 2020**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	45,143,483	5.00	54,153,741	6.01
ADR 1:1			27,099	0.00

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				

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 Haley Harris

capacity *Authorised Signatory

sign here

date 12 / 03 / 2021

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

12-Mar-21

Haley Harris,
Authorised Signatory

Date

5. Consideration

LYNAS RARE EARTHS LTD (LYC)

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
15-Oct-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-25,256	-25,256
16-Oct-20	BlackRock Investment Management (UK) Limited	on mkt sell	2.69	AUD	ORD	-5,273	-5,273
20-Oct-20	BlackRock Advisors, LLC	on mkt buy	2.86	AUD	ORD	8,248	8,248
20-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	2.86	AUD	ORD	30,234	30,234
20-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	2.86	AUD	ORD	1,380,692	1,380,692
20-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	2.86	AUD	ORD	315,472	315,472
20-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.87	AUD	ORD	6,839	6,839
21-Oct-20	BlackRock Advisors, LLC	on mkt buy	2.93	AUD	ORD	1,376	1,376
21-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	2.93	AUD	ORD	5,045	5,045
21-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	2.93	AUD	ORD	230,376	230,376
21-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	2.93	AUD	ORD	52,638	52,638
21-Oct-20	BlackRock Advisors, LLC	on mkt buy	2.95	AUD	ORD	17,862	17,862
21-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	2.95	AUD	ORD	65,464	65,464
21-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	2.95	AUD	ORD	2,989,465	2,989,465
21-Oct-20	BlackRock Investment Management (UK) Limited	on mkt buy	2.95	AUD	ORD	683,059	683,059
26-Oct-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	27,630	27,630
27-Oct-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-116,858	-116,858
27-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	2.85	AUD	ORD	-29,975	-29,975
27-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt sell	2.83	AUD	ORD	-4,646	-4,646
27-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt sell	2.83	AUD	ORD	-15,942	-15,942
28-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt sell	2.83	AUD	ORD	-25,402	-25,402
28-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	2.83	AUD	ORD	21,173	21,173
29-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt sell	2.79	AUD	ORD	-35,724	-35,724
30-Oct-20	BlackRock Investment Management (UK) Limited	on mkt sell	2.85	AUD	ORD	-363,394	-363,394
30-Oct-20	BlackRock Investment Management (Australia) Limited	on mkt buy	2.83	AUD	ORD	6,839	6,839
30-Oct-20	BlackRock Institutional Trust Company, National Association	on mkt buy	2.83	AUD	ORD	16,030	16,030
30-Oct-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,252	-9,252
30-Oct-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	24,738	24,738
02-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-13,818	-13,818
02-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,212	-9,212
04-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	3.02	AUD	ORD	-63,790	-63,790
05-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-9,210	-9,210
06-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.07	AUD	ORD	2,931	2,931
09-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,650	2,650
09-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,250	13,250
09-Nov-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,300	5,300
10-Nov-20	BlackRock Advisors, LLC	on mkt sell	3.26	AUD	ORD	-2,394	-2,394
10-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.17	AUD	ORD	8,793	8,793
10-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	3.17	AUD	ORD	-73,275	-73,275

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected
10-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -16,399	-16,399
10-Nov-20	BlackRock Asset Management Canada Limited	on mkt buy	AUD	ORD 89,775	89,775
11-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 908	908
17-Nov-20	BlackRock Investment Management, LLC	on mkt buy	AUD	ORD 31,140	31,140
17-Nov-20	BlackRock Fund Advisors	in specie	AUD	ORD -27,522	-27,522
17-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,839	6,839
17-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 28,333	28,333
17-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,816	1,816
17-Nov-20	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 4,540	4,540
18-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -9,770	-9,770
19-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 35,172	35,172
19-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 5,753	5,753
19-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -14,498	-14,498
20-Nov-20	BlackRock Fund Advisors	in specie	AUD	ORD 9,765	9,765
20-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 28,409	28,409
23-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 27,356	27,356
25-Nov-20	BlackRock Fund Advisors	in specie	AUD	ORD 16,275	16,275
25-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 2,931	2,931
25-Nov-20	BlackRock Fund Advisors	in specie	AUD	ORD 2,374	2,374
25-Nov-20	BlackRock Fund Advisors	on mkt buy	AUD	ORD 69,360	69,360
25-Nov-20	BlackRock Fund Advisors	in specie	AUD	ORD 5,208	5,208
26-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 7,816	7,816
27-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 9,770	9,770
30-Nov-20	BlackRock Fund Advisors	in specie	AUD	ORD -17,620	-17,620
30-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 9,770	9,770
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 25,138	25,138
30-Nov-20	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -33,446	-33,446
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -10,038	-10,038
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -186,499	-186,499
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -10,840	-10,840
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -41,109	-41,109
30-Nov-20	BlackRock Fund Advisors	on mkt sell	AUD	ORD -157,442	-157,442
30-Nov-20	BlackRock Fund Advisors	on mkt sell	AUD	ORD -6,842	-6,842
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -40,473	-40,473
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -3,810	-3,810
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -70,784	-70,784
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -4,115	-4,115
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -15,602	-15,602
30-Nov-20	BlackRock Fund Advisors	on mkt sell	AUD	ORD -59,755	-59,755
30-Nov-20	BlackRock Fund Advisors	on mkt sell	AUD	ORD -2,598	-2,598
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -15,361	-15,361
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -13,943	-13,943
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 43,392	43,392
30-Nov-20	BlackRock Investment Management (UK) Limited	on mkt sell	AUD	ORD -1,391	-1,391
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -25,854	-25,854
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -1,503	-1,503
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -5,699	-5,699

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt buy	3.78	AUD	ORD	2,596	2,596
30-Nov-20	BlackRock Fund Advisors	on mkt sell	3.78	AUD	ORD	-21,826	-21,826
30-Nov-20	BlackRock Fund Advisors	on mkt buy	3.78	AUD	ORD	60,236	60,236
30-Nov-20	BlackRock Fund Advisors	on mkt sell	3.78	AUD	ORD	-948	-948
30-Nov-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.78	AUD	ORD	-5,611	-5,611
02-Dec-20	BlackRock Advisors, LLC	on mkt buy	3.80	AUD	ORD	37,574	37,574
02-Dec-20	BlackRock Investment Management (UK) Limited	on mkt buy	3.88	AUD	ORD	796	796
02-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.89	AUD	ORD	4,885	4,885
02-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.89	AUD	ORD	2,724	2,724
02-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.89	AUD	ORD	46,611	46,611
02-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	3.89	AUD	ORD	5,641	5,641
03-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt buy	3.95	AUD	ORD	19,506	19,506
03-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	3.96	AUD	ORD	-62,528	-62,528
04-Dec-20	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	92,519	92,519
04-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.02	AUD	ORD	908	908
04-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.02	AUD	ORD	908	908
07-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	40,365	40,365
07-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.06	AUD	ORD	14,655	14,655
07-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	4.06	AUD	ORD	-22,114	-22,114
08-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	4.21	AUD	ORD	7,816	7,816
08-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,775	8,775
09-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	4.22	AUD	ORD	1,816	1,816
11-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,325	26,325
11-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,775	8,775
11-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.85	AUD	ORD	63,695	63,695
11-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.84	AUD	ORD	29,964	29,964
14-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,040	14,040
14-Dec-20	BlackRock Investment Management (UK) Limited	on mkt buy	3.78	AUD	ORD	99,831	99,831
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.77	AUD	ORD	6,356	6,356
14-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	3.73	AUD	ORD	-6,839	-6,839
14-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.73	AUD	ORD	31,780	31,780
15-Dec-20	BlackRock Investment Management (UK) Limited	on mkt buy	3.66	AUD	ORD	48,490	48,490
15-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	3.70	AUD	ORD	-4,885	-4,885
15-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.70	AUD	ORD	22,700	22,700
15-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.70	AUD	ORD	3,632	3,632
15-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.70	AUD	ORD	-6,642	-6,642
16-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.73	AUD	ORD	77,667	77,667
16-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.73	AUD	ORD	908	908
16-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.73	AUD	ORD	3,632	3,632
17-Dec-20	BlackRock Investment Management (UK) Limited	on mkt buy	3.81	AUD	ORD	225,826	225,826
17-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.85	AUD	ORD	2,724	2,724
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	5,981	5,981
18-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.91	AUD	ORD	2,724	2,724
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	40,496	40,496
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	13,501	13,501
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	10,273	10,273
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	30,810	30,810
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	2,445	2,445
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	813	813
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	16,583	16,583
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	9,839	9,839

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-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	29,511	29,511
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	4,022	4,022
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	12,071	12,071
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	9,384	9,384
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	3,127	3,127
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	6,210	6,210
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	18,635	18,635
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	47,347	47,347
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	30,536	30,536
18-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.91	AUD	ORD	10,181	10,181
21-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	60,536	60,536
21-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.95	AUD	ORD	1,816	1,816
22-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.84	AUD	ORD	9,990	9,990
23-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.83	AUD	ORD	65,015	65,015
23-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.83	AUD	ORD	4,995	4,995
24-Dec-20	BlackRock Advisors, LLC	on mkt buy	3.92	AUD	ORD	4,073	4,073
24-Dec-20	BlackRock Investment Management (UK) Limited	on mkt buy	3.92	AUD	ORD	123,710	123,710
24-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.87	AUD	ORD	908	908
28-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,550	17,550
29-Dec-20	BlackRock Investment Management (UK) Limited	on mkt buy	3.94	AUD	ORD	34,200	34,200
29-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt sell	3.95	AUD	ORD	-2,939	-2,939
30-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,325	26,325
30-Dec-20	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	34,600	34,600
30-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.93	AUD	ORD	118,403	118,403
30-Dec-20	BlackRock Institutional Trust Company, National Association	on mkt sell	3.94	AUD	ORD	-34,325	-34,325
31-Dec-20	BlackRock Investment Management (Australia) Limited	on mkt buy	3.98	AUD	ORD	4,995	4,995
31-Dec-20	BlackRock Advisors (UK) Limited	on mkt buy	3.98	AUD	ORD	2,724	2,724
04-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	4.18	AUD	ORD	17,328	17,328
05-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	4.22	AUD	ORD	233,889	233,889
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,296	17,296
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,648	8,648
05-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.35	AUD	ORD	5,994	5,994
05-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	4.35	AUD	ORD	-3,124	-3,124
05-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,972	12,972
06-Jan-21	BlackRock Advisors, LLC	on mkt sell	4.38	AUD	ORD	-15,593	-15,593
06-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,795	15,795
06-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,755	1,755
07-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	21,630	21,630
07-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,978	12,978
07-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,652	8,652
07-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.59	AUD	ORD	2,994	2,994
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	AUD	ORD	2,724	2,724
07-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	4.59	AUD	ORD	908	908
07-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.59	AUD	ORD	-65,747	-65,747
08-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,775	8,775
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.60	AUD	ORD	5,880	5,880
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.60	AUD	ORD	26,946	26,946
08-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.60	AUD	ORD	1,996	1,996
11-Jan-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,650	8,650
11-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	4.51	AUD	ORD	-55,339	-55,339

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected
11-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -26,982	-26,982
12-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD 43,270	43,270
12-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD -3,603	-3,603
12-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD 15,795	15,795
12-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 20,803	20,803
12-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD 8,654	8,654
13-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 247,487	247,487
13-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -11,434	-11,434
14-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -19,506	-19,506
14-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 131,634	131,634
14-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD 8,775	8,775
14-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 908	908
14-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,816	1,816
15-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 80,537	80,537
15-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD 15,795	15,795
15-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,724	2,724
19-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 306,714	306,714
19-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 95,122	95,122
20-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 131,350	131,350
20-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD 3,510	3,510
20-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -151,360	-151,360
21-Jan-21	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 8,171	8,171
21-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,202	1,202
21-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -13,372	-13,372
21-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD 2,402	2,402
22-Jan-21	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 2,929	2,929
22-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -82,757	-82,757
25-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD 1,755	1,755
25-Jan-21	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 4,634	4,634
25-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 23,915	23,915
26-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD 12,972	12,972
26-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD 34,592	34,592
27-Jan-21	BlackRock Advisors, LLC	on mkt buy	AUD	ORD 5,962	5,962
27-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 6,050	6,050
27-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 543	543
27-Jan-21	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 13,426	13,426
28-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD 21,060	21,060
28-Jan-21	BlackRock Fund Advisors	in specie	AUD	ORD 12,285	12,285
28-Jan-21	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,202	1,202
29-Jan-21	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 116,082	116,082
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt buy	AUD	ORD 41,264	41,264
29-Jan-21	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -7,691	-7,691
01-Feb-21	BlackRock Advisors, LLC	on mkt sell	AUD	ORD -14,497	-14,497
01-Feb-21	BlackRock Investment Management (UK) Limited	on mkt buy	AUD	ORD 86,343	86,343
02-Feb-21	BlackRock Fund Advisors	in specie	AUD	ORD 17,550	17,550
02-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 1,202	1,202
02-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,404	2,404
03-Feb-21	BlackRock Fund Advisors	in specie	AUD	ORD 5,265	5,265
03-Feb-21	BlackRock Fund Advisors	in specie	AUD	ORD 5,265	5,265
03-Feb-21	BlackRock Fund Advisors	in specie	AUD	ORD 25,968	25,968
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 27,356	27,356
03-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	AUD	ORD 2,404	2,404
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	AUD	ORD -39,113	-39,113
03-Feb-21	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	AUD	ORD -6	-6
03-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	AUD	ORD -24,119	-24,119
03-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	AUD	ORD 8,783	8,783

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-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	19,305	19,305
05-Feb-21	BlackRock Advisors, LLC	on mkt buy	5.02	AUD	ORD	22,160	22,160
05-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	4.90	AUD	ORD	3,908	3,908
08-Feb-21	BlackRock Advisors, LLC	on mkt buy	4.98	AUD	ORD	4,552	4,552
09-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,656	8,656
10-Feb-21	BlackRock Advisors, LLC	on mkt buy	5.23	AUD	ORD	4,669	4,669
10-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.19	AUD	ORD	28,622	28,622
10-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.19	AUD	ORD	2,631	2,631
10-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.19	AUD	ORD	40,664	40,664
10-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	5.12	AUD	ORD	-7,934	-7,934
11-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,590	8,590
11-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	5.01	AUD	ORD	2,404	2,404
11-Feb-21	BlackRock Fund Advisors	on mkt sell	5.01	AUD	ORD	-13,880	-13,880
11-Feb-21	BlackRock Fund Advisors	on mkt buy	5.01	AUD	ORD	61,106	61,106
12-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,656	8,656
12-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	5.03	AUD	ORD	1,202	1,202
12-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	5.03	AUD	ORD	-42,203	-42,203
15-Feb-21	BlackRock Advisors, LLC	on mkt buy	5.15	AUD	ORD	3,305	3,305
17-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	24,052	24,052
17-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.95	AUD	ORD	21,265	21,265
17-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.95	AUD	ORD	1,855	1,855
17-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.95	AUD	ORD	23,518	23,518
17-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	6.11	AUD	ORD	24,935	24,935
18-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,026	12,026
18-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	6.06	AUD	ORD	34,555	34,555
18-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	6.05	AUD	ORD	-22,451	-22,451
19-Feb-21	BlackRock Advisors, LLC	on mkt buy	6.07	AUD	ORD	7,386	7,386
19-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.90	AUD	ORD	30,771	30,771
22-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,744	13,744
22-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,872	6,872
22-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,154	5,154
22-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	6.16	AUD	ORD	5,862	5,862
22-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	6.16	AUD	ORD	3,606	3,606
22-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	6.16	AUD	ORD	-122,546	-122,546
23-Feb-21	BlackRock Advisors, LLC	on mkt buy	6.18	AUD	ORD	5,176	5,176
23-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	25,770	25,770
23-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,436	3,436
23-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,590	8,590
23-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	38,880	38,880
24-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.70	AUD	ORD	12,240	12,240
24-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.70	AUD	ORD	4,196	4,196
24-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.70	AUD	ORD	31,462	31,462
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,026	12,026
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	12,873	12,873
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	21,455	21,455
24-Feb-21	BlackRock Advisors (UK) Limited	on mkt buy	5.74	AUD	ORD	1,202	1,202
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,804	4,804
24-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,960	2,960
25-Feb-21	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-540,971	-540,971
25-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	18,898	18,898
25-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,872	6,872
25-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,436	3,436
25-Feb-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,590	8,590
26-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.89	AUD	ORD	23,323	23,323
26-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.89	AUD	ORD	1,943	1,943
26-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.89	AUD	ORD	34,756	34,756
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	5.98	AUD	ORD	9,615	9,615

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)	CCY	Class and number of securities affected	Person's votes affected		
26-Feb-21	BlackRock Investment Management (UK) Limited	on mkt buy	5.98	AUD	ORD	3,013	3,013
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	5.98	AUD	ORD	29,079	29,079
26-Feb-21	BlackRock Fund Advisors	on mkt buy	5.98	AUD	ORD	23,511	23,511
26-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.98	AUD	ORD	453	453
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	5.98	AUD	ORD	2,869	2,869
26-Feb-21	BlackRock Investment Management (UK) Limited	on mkt buy	5.98	AUD	ORD	9,039	9,039
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	5.98	AUD	ORD	87,238	87,238
26-Feb-21	BlackRock Fund Advisors	on mkt buy	5.98	AUD	ORD	70,533	70,533
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	5.98	AUD	ORD	-10,321	-10,321
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt sell	5.98	AUD	ORD	-3,157	-3,157
26-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt buy	5.98	AUD	ORD	1,357	1,357
26-Feb-21	BlackRock Institutional Trust Company, National Association	on mkt buy	5.98	AUD	ORD	8,608	8,608
26-Feb-21	BlackRock Investment Management (Australia) Limited	on mkt sell	5.98	AUD	ORD	-535	-535
01-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,215	22,215
01-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	6.07	AUD	ORD	8,793	8,793
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	6.07	AUD	ORD	7,212	7,212
01-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	6.07	AUD	ORD	2,404	2,404
01-Mar-21	APERIO GROUP LLC	in specie	n/a	USD	ADR 1:1	2,909	2,909
02-Mar-21	BlackRock Investment Management (UK) Limited	on mkt buy	6.34	AUD	ORD	472,267	472,267
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,590	8,590
02-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	6.28	AUD	ORD	-4,646	-4,646
02-Mar-21	BlackRock Investment Management (UK) Limited	on mkt sell	6.28	AUD	ORD	-5,394	-5,394
02-Mar-21	BlackRock Advisors (UK) Limited	on mkt sell	6.28	AUD	ORD	-3,846	-3,846
02-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,648	17,648
02-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	6.29	AUD	ORD	2,390	2,390
03-Mar-21	BlackRock Advisors, LLC	on mkt buy	6.37	AUD	ORD	4,466	4,466
03-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	6.55	AUD	ORD	15,470	15,470
03-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	6.55	AUD	ORD	1,505	1,505
03-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	6.55	AUD	ORD	17,783	17,783
03-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	6.55	AUD	ORD	91,085	91,085
04-Mar-21	BlackRock Advisors, LLC	on mkt buy	6.68	AUD	ORD	4,862	4,862
04-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	6.46	AUD	ORD	32,241	32,241
04-Mar-21	BlackRock Investment Management, LLC	on mkt buy	6.46	AUD	ORD	9,792	9,792
05-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,050	22,050
05-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	6.05	AUD	ORD	39,080	39,080
05-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	6.05	AUD	ORD	1,202	1,202
05-Mar-21	BlackRock Advisors (UK) Limited	on mkt buy	6.05	AUD	ORD	2,404	2,404
08-Mar-21	BlackRock Advisors, LLC	on mkt buy	6.22	AUD	ORD	8,307	8,307
09-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,648	17,648
09-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,872	6,872
09-Mar-21	BlackRock Investment Management (Australia) Limited	on mkt buy	6.01	AUD	ORD	31,484	31,484
09-Mar-21	APERIO GROUP LLC	in specie	n/a	USD	ADR 1:1	24,190	24,190
10-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,744	13,744
10-Mar-21	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	30,989	30,989

12-Mar-21
DateHaley Harris,
Authorised Signatory

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 as investment manager or trustee.	ADR 1:1	27,099	27,099	Subsidiary of BlackRock, Inc.
BlackRock (Netherlands) B.V.	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 as investment manager or trustee.	ORD	98,468	98,468	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 as investment manager or trustee.	ORD	24,113	24,113	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 as investment manager or trustee.	ORD	5,155	5,155	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 as investment manager or trustee.	ORD	421,768	421,768	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	STATE STREET BANK, MUNICH, ZURICH BRANCH		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	121,798	121,798	Subsidiary of BlackRock, Inc.
BlackRock Advisors, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	185,855	185,855	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	165,181	165,181	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,108	1,108	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	210,226	210,226	Subsidiary of BlackRock, Inc.
BlackRock Fund Advisors	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	9,660,507	9,660,507	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	253,495	253,495	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 as investment manager or trustee.	ORD	5,581,136	5,581,136	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 as investment manager or trustee.	ORD	296,805	296,805	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STREET SACRAMENTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,596	2,596	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	HSBC-HSBC SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	1,569,897	1,569,897	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,036,785	2,036,785	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	2,545,776	2,545,776	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	584,097	584,097	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	SSB-STATE STREET AUSTRALIA		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	44,822	44,822	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BANK OF NY BRUS		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	348,765	348,765	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY EUROPE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	4,173,631	4,173,631	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	21,555,920	21,555,920	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 as investment manager or trustee.	ORD	78,943	78,943	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	JPM-JPM CHASE - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	796	796	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 as investment manager or trustee.	ORD	19,744	19,744	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	371,866	371,866	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 as investment manager or trustee.	ORD	32,454	32,454	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.	ORD	12,673	12,673	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	JPM-JPM CHASE - SYDNEY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as responsible entity.	ORD	3,749,361	3,749,361	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

Haley Harris,
Authorised Signatory

12-Mar-21
Date

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Financial Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
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	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
APERIO GROUP LLC	Three Harbor Drive Suite 204 Sausalito CA, 94965