

Form 604**Corporations Act 2001****Section 671B****Notice of change of interests of substantial holder**To Company Name/Scheme BHP GROUP LTDACN/ARSN 004 028 077**1. Details of substantial holder(1)**Name BlackRock Group (BlackRock Inc. and subsidiaries named in AnnexuresACN/ARSN (if applicable) to this form)There was a change in the interests of the substantial holder on 28 / 01 / 2022The previous notice was given to the company on 25 / 01 / 2022The previous notice was dated 21 / 01 / 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	206,129,505	6.98	261,011,091	8.84
ADR 2:1	3,519,789	0.12	3,260,141	0.11

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 Maria Tricarico

capacity *Authorised Signatory

sign here

date 02 / 02 / 2022

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

02-Feb-22

Maria Tricarico,
Authorised Signatory

Date

5. Consideration

BHP GROUP LTD (BHP)							
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
24-Jan-22	APERIO GROUP LLC	in specie	n/a	USD	ADR 2:1	1,215	2,430
24-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,925	1,925
24-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.31	AUD	ORD	2,952	2,952
24-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	45.31	AUD	ORD	3,670	3,670
24-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.33	AUD	ORD	23,561	23,561
24-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.33	AUD	ORD	2,492	2,492
24-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.33	AUD	ORD	14,596	14,596
24-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.33	AUD	ORD	12,346	12,346
24-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.33	AUD	ORD	126,201	126,201
24-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.33	AUD	ORD	33,776	33,776
24-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.33	AUD	ORD	5,619	5,619
24-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	45.60	AUD	ORD	-18,984	-18,984
24-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.60	AUD	ORD	13,464	13,464
24-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.60	AUD	ORD	20,196	20,196
24-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	45.60	AUD	ORD	-2,153	-2,153
24-Jan-22	BlackRock Asset Management Canada Limited	on mkt buy	45.60	AUD	ORD	6,340	6,340
24-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.60	AUD	ORD	19,363	19,363
24-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	45.60	AUD	ORD	-104,837	-104,837
24-Jan-22	BlackRock International Limited	on mkt sell	45.60	AUD	ORD	-9,556	-9,556
24-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.60	AUD	ORD	32,995	32,995
24-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.60	AUD	ORD	7,594	7,594
24-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.60	AUD	ORD	11,110	11,110
24-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.60	AUD	ORD	554,993	554,993
24-Jan-22	BLACKROCK ADVISORS LLC	on mkt sell	63.15	USD	ADR 2:1	-23,410	-46,820
24-Jan-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-548,496	-548,496
24-Jan-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	USD	ADR 2:1	332,738	665,476
24-Jan-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,575,817	1,575,817
24-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-435,147	-435,147
24-Jan-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	229,449	229,449
24-Jan-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-406,657	-406,657
24-Jan-22	APERIO GROUP LLC	in specie	n/a	USD	ADR 2:1	-19	-38
24-Jan-22	APERIO GROUP LLC	in specie	n/a	USD	ADR 2:1	4,422	8,844
25-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.19	AUD	ORD	101	101
25-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.20	AUD	ORD	24,586	24,586
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.20	AUD	ORD	2,594	2,594
25-Jan-22	BLACKROCK ADVISORS LLC	on mkt sell	45.24	AUD	ORD	-4,131	-4,131
25-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	45.24	AUD	ORD	-486	-486
25-Jan-22	BLACKROCK ADVISORS LLC	on mkt sell	45.24	AUD	ORD	-31	-31
25-Jan-22	BLACKROCK ADVISORS LLC	on mkt sell	45.24	AUD	ORD	-1,184	-1,184

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
25-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.20	AUD	ORD	15,253	15,253
25-Jan-22	BlackRock Investment Management, LLC	on mkt sell	45.24	AUD	ORD	-676	-676
25-Jan-22	BlackRock Investment Management, LLC	on mkt sell	45.24	AUD	ORD	-115	-115
25-Jan-22	BlackRock (Singapore) Limited	on mkt sell	45.24	AUD	ORD	-3,019	-3,019
25-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	45.24	AUD	ORD	-71	-71
25-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.20	AUD	ORD	12,851	12,851
25-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	45.19	AUD	ORD	24,193	24,193
25-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.20	AUD	ORD	131,425	131,425
25-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.20	AUD	ORD	35,150	35,150
25-Jan-22	BlackRock Investment Management, LLC	on mkt sell	45.24	AUD	ORD	-154	-154
25-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.20	AUD	ORD	5,848	5,848
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	200,660	200,660
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	24,674	24,674
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	9,642	9,642
25-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	45.14	AUD	ORD	-12,653	-12,653
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33,072	33,072
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,196	7,196
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.29	AUD	ORD	641,378	641,378
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	45.03	AUD	ORD	-6,775	-6,775
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.03	AUD	ORD	3,050	3,050
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	45.03	AUD	ORD	-1,640	-1,640
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	45.03	AUD	ORD	-1,310	-1,310
25-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.03	AUD	ORD	309,776	309,776
25-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.03	AUD	ORD	27,435	27,435
25-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	45.03	AUD	ORD	2,272	2,272
25-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	45.03	AUD	ORD	-10,829	-10,829
25-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.03	AUD	ORD	1,590	1,590
25-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	45.03	AUD	ORD	-258,928	-258,928
25-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	45.03	AUD	ORD	5,663	5,663
25-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	45.03	AUD	ORD	-63,735	-63,735
25-Jan-22	BlackRock Investment Management, LLC	on mkt sell	45.03	AUD	ORD	-2,176	-2,176
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.03	AUD	ORD	2,200	2,200
25-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	45.03	AUD	ORD	-88	-88
25-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	45.03	AUD	ORD	-2,112	-2,112
25-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.21	AUD	ORD	850,000	850,000
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	64,320	64,320
25-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,280	10,280
25-Jan-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	2,903,466	2,903,466
25-Jan-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	USD	ADR 2:1	-479,893	-959,786
25-Jan-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,672,451	1,672,451
25-Jan-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-257,726	-257,726
25-Jan-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-445,380	-445,380
25-Jan-22	APERIO GROUP LLC	in specie	n/a	USD	ADR 2:1	815	1,630
26-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,698	22,698
26-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,328	2,328
26-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,416	6,416
26-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,185	-3,185
26-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,248	8,248

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-Jan-22	BlackRock Asset Management Canada Limited	in specie	n/a	USD	ADR 2:1	10,092	20,184
26-Jan-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-4,418,981	-4,418,981
26-Jan-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	143,494	143,494
26-Jan-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	USD	ADR 2:1	-77	-154
26-Jan-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,480,284	-3,480,284
26-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	3,380	3,380
26-Jan-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	444,087	444,087
26-Jan-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,165,530	1,165,530
26-Jan-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,217	1,217
26-Jan-22	APERIO GROUP LLC	in specie	n/a	USD	ADR 2:1	26	52
26-Jan-22	APERIO GROUP LLC	in specie	n/a	USD	ADR 2:1	377	754
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.30	AUD	ORD	2,174	2,174
27-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.76	AUD	ORD	24,421	24,421
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.76	AUD	ORD	2,613	2,613
27-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.76	AUD	ORD	15,115	15,115
27-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.76	AUD	ORD	12,947	12,947
27-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.76	AUD	ORD	130,726	130,726
27-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.76	AUD	ORD	35,414	35,414
27-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.76	AUD	ORD	5,892	5,892
27-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	45.71	AUD	ORD	3,149	3,149
27-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	45.71	AUD	ORD	16,073	16,073
27-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	45.71	AUD	ORD	20,366	20,366
27-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	45.71	AUD	ORD	15,928	15,928
27-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	45.71	AUD	ORD	43,307	43,307
27-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	45.70	AUD	ORD	-2,051	-2,051
27-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	38,584	38,584
27-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,217	7,217
27-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	45.72	AUD	ORD	39,440	39,440
27-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.72	AUD	ORD	6,625	6,625
27-Jan-22	BlackRock Investment Management, LLC	on mkt buy	45.72	AUD	ORD	30,298	30,298
27-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	45.72	AUD	ORD	2,771	2,771
27-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.72	AUD	ORD	294	294
27-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	45.64	AUD	ORD	112	112
27-Jan-22	BlackRock Asset Management Deutschland AG	on mkt sell	45.67	AUD	ORD	-584	-584
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	45.67	AUD	ORD	-6,775	-6,775
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.67	AUD	ORD	1,172	1,172
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.67	AUD	ORD	1,758	1,758
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.67	AUD	ORD	2,930	2,930
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.67	AUD	ORD	4,944	4,944
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.67	AUD	ORD	8,652	8,652
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.67	AUD	ORD	2,009	2,009
27-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	45.67	AUD	ORD	6,459	6,459
27-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	45.67	AUD	ORD	-6,212	-6,212
27-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	45.67	AUD	ORD	-56,737	-56,737
27-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	45.67	AUD	ORD	-12,287	-12,287
27-Jan-22	BlackRock Fund Advisors	on mkt buy	45.59	AUD	ORD	29,340	29,340

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
27-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	45.67	AUD	ORD	1,686	1,686
27-Jan-22	BLACKROCK ADVISORS LLC	on mkt buy	45.67	AUD	ORD	1,747	1,747
27-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-2,032	-2,032
27-Jan-22	BlackRock Asset Management Canada Limited	on mkt sell	65.80	USD	ADR 2:1	-830	-1,660
27-Jan-22	BlackRock Asset Management Canada Limited	in specie	n/a	USD	ADR 2:1	10,092	20,184
27-Jan-22	BlackRock Asset Management Canada Limited	in specie	n/a	USD	ADR 2:1	2,523	5,046
27-Jan-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	3,662,774	3,662,774
27-Jan-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	9,131	9,131
27-Jan-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	USD	ADR 2:1	54	108
27-Jan-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1,424,768	1,424,768
27-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	collateral transfer	n/a	AUD	ORD	-3,380	-3,380
27-Jan-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	USD	ADR 2:1	2	4
27-Jan-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	40,248	40,248
27-Jan-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-60,130	-60,130
27-Jan-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-554	-554
27-Jan-22	APERIO GROUP LLC	in specie	n/a	USD	ADR 2:1	43	86
27-Jan-22	APERIO GROUP LLC	in specie	n/a	USD	ADR 2:1	4,543	9,086
28-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	46.83	AUD	ORD	25,697	25,697
28-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	239,064	239,064
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	423,353	423,353
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	174,334	174,334
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	167,265	167,265
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	90,702	90,702
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	19,020	19,020
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	76,434	76,434
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	393,701	393,701
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	37,118	37,118
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	124,192	124,192
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	145,010	145,010
28-Jan-22	BlackRock International Limited	on mkt buy	46.92	AUD	ORD	79,289	79,289
28-Jan-22	BlackRock Investment Management, LLC	on mkt buy	46.92	AUD	ORD	118,919	118,919
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	141,330	141,330
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	19,444	19,444
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	9,600	9,600
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	87,772	87,772
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	18,877	18,877
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	141,015	141,015
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	61,879	61,879
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	46,395	46,395
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	337,576	337,576
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	442,211	442,211
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	1,758	1,758
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	52,094	52,094
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	519,671	519,671
28-Jan-22	BlackRock Asset Management Canada Limited	on mkt buy	46.92	AUD	ORD	5,822	5,822

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	91,399	91,399
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	40,993	40,993
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	11,655	11,655
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	130,852	130,852
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	352,582	352,582
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	143,174	143,174
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	106,474	106,474
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	46,741	46,741
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	192,192	192,192
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	136,201	136,201
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	236,825	236,825
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	318,894	318,894
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	72,478	72,478
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	72,478	72,478
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	46.93	AUD	ORD	-72,568	-72,568
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	46.93	AUD	ORD	-7,699	-7,699
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	46.93	AUD	ORD	-44,964	-44,964
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	46.93	AUD	ORD	-38,144	-38,144
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	46.93	AUD	ORD	-388,352	-388,352
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	46.93	AUD	ORD	-104,340	-104,340
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt sell	46.93	AUD	ORD	-17,359	-17,359
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	34,606	34,606
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	2,178	2,178
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	1,372	1,372
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	72,478	72,478
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	5,902	5,902
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	20,708	20,708
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.86	AUD	ORD	31,027	31,027
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.86	AUD	ORD	148,312	148,312
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.86	AUD	ORD	173,778	173,778
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.86	AUD	ORD	188,671	188,671
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.86	AUD	ORD	1,131,944	1,131,944
28-Jan-22	BlackRock Asset Management Deutschland AG	on mkt sell	46.92	AUD	ORD	-1,168	-1,168
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	43,636	43,636
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	6,180	6,180
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	5,562	5,562
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	46.92	AUD	ORD	-12,018	-12,018
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	1,988	1,988
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt sell	46.92	AUD	ORD	-10,909	-10,909
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	31,025	31,025
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	148,310	148,310
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	173,776	173,776

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	188,670	188,670
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	1,056,200	1,056,200
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	31,026	31,026
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	148,311	148,311
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	173,777	173,777
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	188,670	188,670
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	1,131,946	1,131,946
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	547,213	547,213
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	204,154	204,154
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	197,140	197,140
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	105,119	105,119
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	22,083	22,083
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	5,290	5,290
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	570	570
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	88,780	88,780
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	520,999	520,999
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	42,266	42,266
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	174,935	174,935
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	173,355	173,355
28-Jan-22	BlackRock (Singapore) Limited	on mkt buy	46.92	AUD	ORD	556	556
28-Jan-22	BlackRock International Limited	on mkt buy	46.92	AUD	ORD	86,386	86,386
28-Jan-22	BlackRock Investment Management, LLC	on mkt buy	46.92	AUD	ORD	137,735	137,735
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	163,759	163,759
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	22,879	22,879
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	12,406	12,406
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	207,784	207,784
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	44,598	44,598
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	183,205	183,205
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	76,879	76,879
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	54,419	54,419
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	397,268	397,268
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	525,778	525,778
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	2,018	2,018
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	122,842	122,842
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	701,565	701,565
28-Jan-22	BlackRock Asset Management Canada Limited	on mkt buy	46.92	AUD	ORD	6,893	6,893
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	161,466	161,466
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	48,255	48,255
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	16,380	16,380
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	37,621	37,621
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	10,993	10,993
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	1,860	1,860
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	160,795	160,795

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28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	752,129	752,129
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	288,927	288,927
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	138,568	138,568
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	191,271	191,271
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	261,011	261,011
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	181,098	181,098
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	279,474	279,474
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	401,172	401,172
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	547,214	547,214
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	328,557	328,557
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	122,578	122,578
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	204,154	204,154
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	31,026	31,026
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	197,141	197,141
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	118,367	118,367
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	63,117	63,117
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	105,119	105,119
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	13,260	13,260
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	22,083	22,083
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	5,290	5,290
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	3,177	3,177
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	342	342
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	570	570
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	53,306	53,306
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	88,780	88,780
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	148,311	148,311
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	520,999	520,999
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	312,817	312,817
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	42,266	42,266
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	25,378	25,378
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	174,934	174,934
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	105,036	105,036
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	173,354	173,354
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	104,087	104,087
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	173,776	173,776
28-Jan-22	BlackRock (Singapore) Limited	on mkt buy	46.92	AUD	ORD	555	555
28-Jan-22	BlackRock (Singapore) Limited	on mkt buy	46.92	AUD	ORD	334	334
28-Jan-22	BlackRock International Limited	on mkt buy	46.92	AUD	ORD	86,386	86,386
28-Jan-22	BlackRock International Limited	on mkt buy	46.92	AUD	ORD	51,869	51,869
28-Jan-22	BlackRock Investment Management, LLC	on mkt buy	46.92	AUD	ORD	137,735	137,735
28-Jan-22	BlackRock Investment Management, LLC	on mkt buy	46.92	AUD	ORD	82,701	82,701

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28-Jan-22	BlackRock Investment Management, LLC	on mkt sell	46.92	AUD	ORD	-41,771	-41,771
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	98,325	98,325
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	163,760	163,760
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	13,737	13,737
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	22,879	22,879
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	7,450	7,450
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	12,406	12,406
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	207,784	207,784
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	124,758	124,758
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	26,778	26,778
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	44,598	44,598
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	110,002	110,002
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	183,205	183,205
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	46,160	46,160
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	76,878	76,878
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	54,419	54,419
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	32,675	32,675
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	397,268	397,268
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	238,527	238,527
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	315,686	315,686
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	525,778	525,778
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	2,018	2,018
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	1,213	1,213
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	122,842	122,842
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	73,758	73,758
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	421,234	421,234
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	701,565	701,565
28-Jan-22	BlackRock Asset Management Canada Limited	on mkt buy	46.92	AUD	ORD	4,140	4,140
28-Jan-22	BlackRock Asset Management Canada Limited	on mkt buy	46.92	AUD	ORD	6,892	6,892
28-Jan-22	BlackRock Asset Management Canada Limited	on mkt sell	46.92	AUD	ORD	-15,419	-15,419
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	96,948	96,948
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	161,466	161,466
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	28,974	28,974
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	48,255	48,255
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	9,836	9,836
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	16,380	16,380
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	22,589	22,589
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	37,620	37,620
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	6,601	6,601
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	10,993	10,993
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	1,860	1,860
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	1,118	1,118
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	96,546	96,546
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	160,794	160,794
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	188,669	188,669

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28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	1,131,948	1,131,948
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	752,129	752,129
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	451,594	451,594
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	173,478	173,478
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	288,927	288,927
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	83,201	83,201
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	138,568	138,568
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	191,273	191,273
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	114,844	114,844
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	156,716	156,716
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	261,012	261,012
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	181,098	181,098
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	108,735	108,735
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	279,475	279,475
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	167,802	167,802
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	240,871	240,871
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	401,172	401,172
28-Jan-22	BlackRock Asset Management Canada Limited	on mkt sell	46.92	AUD	ORD	-4,167	-4,167
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	282,238	282,238
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	116,223	116,223
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	111,510	111,510
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	60,467	60,467
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	12,680	12,680
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	50,955	50,955
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	262,469	262,469
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	24,744	24,744
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	82,793	82,793
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	96,674	96,674
28-Jan-22	BlackRock International Limited	on mkt buy	46.92	AUD	ORD	52,858	52,858
28-Jan-22	BlackRock Investment Management, LLC	on mkt buy	46.92	AUD	ORD	79,278	79,278
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	94,220	94,220
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	12,962	12,962
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	6,400	6,400
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	58,513	58,513
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	12,584	12,584
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	94,011	94,011
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	41,252	41,252
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	30,929	30,929
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	225,053	225,053
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	294,809	294,809
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	1,172	1,172

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28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	34,729	34,729
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	346,451	346,451
28-Jan-22	BlackRock Asset Management Canada Limited	on mkt buy	46.92	AUD	ORD	3,880	3,880
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	60,931	60,931
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	27,328	27,328
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	7,769	7,769
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	87,233	87,233
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	235,057	235,057
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	95,450	95,450
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	70,981	70,981
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	31,160	31,160
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	128,128	128,128
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	90,800	90,800
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	157,884	157,884
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	212,599	212,599
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	389,967	389,967
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	145,489	145,489
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	140,490	140,490
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	74,911	74,911
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	15,736	15,736
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	3,769	3,769
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	405	405
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	63,268	63,268
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	371,286	371,286
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	30,119	30,119
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	124,665	124,665
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	123,539	123,539
28-Jan-22	BlackRock (Singapore) Limited	on mkt buy	46.92	AUD	ORD	395	395
28-Jan-22	BlackRock International Limited	on mkt buy	46.92	AUD	ORD	61,561	61,561
28-Jan-22	BlackRock Investment Management, LLC	on mkt buy	46.92	AUD	ORD	98,155	98,155
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	116,701	116,701
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	16,304	16,304
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	8,841	8,841
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	148,075	148,075
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	31,781	31,781
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	130,559	130,559
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	54,786	54,786
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	38,780	38,780
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	283,111	283,111
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	374,691	374,691
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	1,438	1,438
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	87,541	87,541

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	499,965	499,965
28-Jan-22	BlackRock Asset Management Canada Limited	on mkt buy	46.92	AUD	ORD	4,912	4,912
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	115,066	115,066
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	34,388	34,388
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	11,673	11,673
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	26,809	26,809
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	7,833	7,833
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	1,325	1,325
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	114,588	114,588
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	535,999	535,999
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	205,901	205,901
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	98,748	98,748
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	136,309	136,309
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	186,007	186,007
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	129,057	129,057
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	199,165	199,165
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	285,892	285,892
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	382,210	382,210
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	142,595	142,595
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	137,696	137,696
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	73,422	73,422
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	15,423	15,423
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	3,695	3,695
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	397	397
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	62,009	62,009
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	363,900	363,900
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	29,520	29,520
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	122,185	122,185
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	121,082	121,082
28-Jan-22	BlackRock (Singapore) Limited	on mkt buy	46.92	AUD	ORD	388	388
28-Jan-22	BlackRock International Limited	on mkt buy	46.92	AUD	ORD	60,337	60,337
28-Jan-22	BlackRock Investment Management, LLC	on mkt buy	46.92	AUD	ORD	96,203	96,203
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	114,379	114,379
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	15,979	15,979
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	8,665	8,665
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	145,130	145,130
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	31,149	31,149
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	127,961	127,961
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	53,696	53,696
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	38,009	38,009
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	277,479	277,479
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	367,238	367,238
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	1,409	1,409

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	85,800	85,800
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	490,019	490,019
28-Jan-22	BlackRock Asset Management Canada Limited	on mkt buy	46.92	AUD	ORD	4,814	4,814
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	112,777	112,777
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	33,704	33,704
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	11,441	11,441
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	26,276	26,276
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	7,678	7,678
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	1,299	1,299
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	112,309	112,309
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	525,337	525,337
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	201,805	201,805
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	96,784	96,784
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	133,596	133,596
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	182,307	182,307
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	126,490	126,490
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	195,203	195,203
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	280,205	280,205
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	22,274	22,274
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	163,139	163,139
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	60,864	60,864
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	58,773	58,773
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	31,339	31,339
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	6,583	6,583
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	1,577	1,577
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	170	170
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	26,468	26,468
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	155,324	155,324
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	12,600	12,600
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	52,152	52,152
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	51,682	51,682
28-Jan-22	BlackRock (Singapore) Limited	on mkt buy	46.92	AUD	ORD	166	166
28-Jan-22	BlackRock International Limited	on mkt buy	46.92	AUD	ORD	25,754	25,754
28-Jan-22	BlackRock Investment Management, LLC	on mkt buy	46.92	AUD	ORD	41,062	41,062
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	48,821	48,821
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	6,821	6,821
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	3,699	3,699
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	61,946	61,946
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	13,295	13,295
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	54,618	54,618
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	22,920	22,920
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	16,224	16,224
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	118,437	118,437
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	156,749	156,749

Date of Change	Person whose relevant interest changed	Nature of change (6) / Consideration given in relation to change (7)		CCY	Class and number of securities affected		Person's votes affected
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	602	602
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	36,622	36,622
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	209,156	209,156
28-Jan-22	BlackRock Asset Management Canada Limited	on mkt buy	46.92	AUD	ORD	2,055	2,055
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	48,137	48,137
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	14,386	14,386
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	4,884	4,884
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	11,216	11,216
28-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	46.92	AUD	ORD	3,277	3,277
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	555	555
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	47,937	47,937
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	224,231	224,231
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	46.92	AUD	ORD	86,137	86,137
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	41,311	41,311
28-Jan-22	BlackRock Investment Management (UK) Limited	on mkt buy	46.92	AUD	ORD	57,024	57,024
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	77,814	77,814
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	53,990	53,990
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	46.92	AUD	ORD	83,319	83,319
28-Jan-22	BlackRock Fund Advisors	on mkt buy	46.92	AUD	ORD	119,601	119,601
28-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,228	11,228
28-Jan-22	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	85,560	85,560
28-Jan-22	BlackRock Asset Management Canada Limited	on mkt sell	64.17	USD	ADR 2:1	-81,367	-162,734
28-Jan-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,131,379	1,131,379
28-Jan-22	BlackRock (Singapore) Limited	collateral transfer	n/a	AUD	ORD	44,982	44,982
28-Jan-22	BlackRock Japan Co., Ltd.	collateral transfer	n/a	USD	ADR 2:1	88,832	177,664
28-Jan-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,184,861	-2,184,861
28-Jan-22	BlackRock Advisors (UK) Limited	collateral transfer	n/a	USD	ADR 2:1	-2	-4
28-Jan-22	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-161,683	-161,683
28-Jan-22	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	361,710	361,710
28-Jan-22	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	186	186
28-Jan-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	-90,023	-90,023

02-Feb-22
Maria Tricarico,
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 as investment manager or trustee.	ADR 2:1	1,244,111	2,488,221	Subsidiary of BlackRock, Inc.
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.	ORD	2,139	2,139	Subsidiary of BlackRock, Inc.
BlackRock (Singapore) 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	289,836	289,836	Subsidiary of BlackRock, Inc.
BlackRock (Singapore) Limited	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	159,518	159,518	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 (Singapore) Limited	SSB-STATE STREET SINGAPORE		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 43,372	43,372	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 3,604,751	3,604,751	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 3,641,173	3,641,173	Subsidiary of BlackRock, Inc.
BlackRock Advisors (UK) Limited	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 562,939	562,939	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 14,647,368	14,647,368	Subsidiary of BlackRock, Inc.
BlackRock Advisors (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 4,157,894	4,157,894	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 58,951	58,951	Subsidiary of BlackRock, Inc.
BLACKROCK ADVISORS LLC	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 191,956	191,956	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 347,883	347,883	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association	
BLACKROCK ADVISORS LLC	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	125,324	125,324	Subsidiary of BlackRock, Inc.
BLACKROCK ADVISORS LLC	SSB-STATE STREET MUTUAL FUNDS - 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.	ADR 2:1	34,469	68,938	Subsidiary of BlackRock, Inc.
BLACKROCK ADVISORS LLC	SSB-STATE STREET MUTUAL FUNDS - 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	1,526,323	1,526,323	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	BNYM-CIBC MELLON GLOBAL SECURITIES - 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	397,041	397,041	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	BNYM-THE BANK OF NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	9,445	9,445	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada 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 as investment manager or trustee.	ORD	1,528,323	1,528,323	Subsidiary of BlackRock, Inc.
BlackRock Asset Management Canada Limited	SSB-SSB NEW YORK INSTITUTIONAL		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	154,727	154,727	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.	ADR 2:1	260,989	521,978	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	778,489	778,489	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 Asset Management Deutschland AG	SSB-STATE STREET BANK, GERMANY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	217,581	217,581	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia 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	143,692	143,692	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia 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	849	849	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	CITI-CITIBANK, HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	271,877	271,877	Subsidiary of BlackRock, Inc.
BlackRock Asset Management North Asia Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,929	3,929	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	65,241	65,241	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	BNP PRIME CUSTODY US		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	63,633	63,633	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 as investment manager or trustee.	ORD	326,491	326,491	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	CITI-CITIBANK, 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	25,930	25,930	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association	
BLACKROCK FINANCIAL MANAGEMENT, INC.	HSBC-HSBC, HONG KONG		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	51,194	51,194	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	JP Morgan Prime Broker		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	11,157	11,157	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	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	292,772	292,772	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	MS-MORGAN STANLEY & CO INC		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	28,567	28,567	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	NT-NORTHERN TRUST CO. - CHICAGO		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	76,856	76,856	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	NT-NORTHERN TRUST UK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	64,178	64,178	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	642,980	642,980	Subsidiary of BlackRock, Inc.
BLACKROCK FINANCIAL MANAGEMENT, INC.	SSB-STATE STREET BANK & TRUST TORONTO		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	15,729	15,729	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	757,258	757,258	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 MUTUAL FUNDS - 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	155,701	155,701	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	54,678,234	54,678,234	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	BNP PRIME CUSTODY US		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	9,283	9,283	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	2,634,684	2,634,684	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	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.	ORD	151,592	151,592	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - 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	41,908	41,908	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	CS-CREDIT SUISSE PRIME BROKERAGE - ZURICH		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	15,852	15,852	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	47,385,596	47,385,596	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	MS-MORGAN STANLEY & CO INC		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	708	708	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Institutional Trust Company, National Association	NT-NORTHERN TRUST CO. - CHICAGO		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	509,283	509,283	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	479,968	479,968	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	198,635	198,635	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	5,293	5,293	Subsidiary of BlackRock, Inc.
BlackRock Institutional Trust Company, National Association	UBS- UBS- ZURICH		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	82,109	82,109	Subsidiary of BlackRock, Inc.
BlackRock International 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 as investment manager or trustee.	ORD	125,612	125,612	Subsidiary of BlackRock, Inc.
BlackRock International 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 as investment manager or trustee.	ORD	1,325,054	1,325,054	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	3,178	3,178	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	CITI-Citigroup Australia - 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	339,562	339,562	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 (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	7,876,955	7,876,955	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	10,019,246	10,019,246	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	16,368,894	16,368,894	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	Northern Trust Singapore		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	8,173,457	8,173,457	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	BNP PARIBAS LUX		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	13,041	13,041	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	3,354,411	3,354,411	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	2,386,656	2,386,656	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	7,397,960	7,397,960	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CB-Caceis Bank Amsterdam		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	265,693	265,693	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	CB-CACEIS BANK 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 43,767	43,767	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CITI-CITIBANK, LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 6,018,548	6,018,548	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	CREDIT SUISSE (ZURICH)		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 266,654	266,654	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	HSBC-HSBC - LONDON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 5,319,364	5,319,364	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 as investment manager or trustee.	ORD 341,056	341,056	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 45,518	45,518	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	Northern Trust Luxembourg		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 640,953	640,953	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 as investment manager or trustee.	ORD 6,479,808	6,479,808	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STATE HONG KONG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD 102,994	102,994	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Investment Management (UK) Limited	SSB-STATE STREET BANK 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	756,234	756,234	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-State Street Bank S.p.A		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	18,921	18,921	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (UK) Limited	SSB-STATE STREET BANK, GERMANY		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	8,889	8,889	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	24,604	24,604	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	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	124,202	124,202	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BNYM-BONY LUXEMBOURG		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	585,055	585,055	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	3,190,602	3,190,602	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	BOA-MERRILL LYNCH SMA		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 2:1	1,616	3,232	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	1,470,669	1,470,669	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, LLC	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	162,423	162,423	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-STATE STREET BANK 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	8,449	8,449	Subsidiary of BlackRock, Inc.
BlackRock Investment Management, LLC	SSB-STATE STREET MUTUAL FUNDS - 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	51,573	51,573	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	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	97,330	97,330	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	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	9,191	9,191	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	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.	ADR 2:1	46,936	93,872	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	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	1,440,467	1,440,467	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	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	295,256	295,256	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	MITSUI-SUMITOMO TRUST		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	158,264	158,264	Subsidiary of BlackRock, Inc.

Holder of Relevant Interests	Registered Holder of Securities	Person entitled to be registered as holder (8)	Nature of Relevant Interest (6)	Class and number of Securities		Person's votes	Nature of Association
BlackRock Japan Co., Ltd.	SSB-State Street Bank And Trust Co.		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 2:1	41,950	83,900	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	SSB-State Street Bank And Trust Co.		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	12,507,740	12,507,740	Subsidiary of BlackRock, Inc.
BlackRock Japan Co., Ltd.	SSB-STATE STREET BANK, BOSTON		Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	ORD	29,135	29,135	Subsidiary of BlackRock, Inc.
BlackRock Investment Management (Australia) Limited	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 responsible entity.	ORD	2,181	2,181	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	21,525,313	21,525,313	Subsidiary of BlackRock, Inc.

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

Maria Tricarico,
Authorised Signatory

02-Feb-22
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 (Singapore) Limited	20 Anson Road #18-01 079912 Singapore
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BLACKROCK ADVISORS LLC	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management Deutschland AG	Max-Joseph-Straße 6 D-80333 Munich, Germany
BlackRock Asset Management North Asia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BlackRock Financial Management, Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom)
BlackRock Investment Management (Australia) Limited	Level 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)
APERIO GROUP LLC	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505

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

02 FEB 2022
 Maria Tricarico, Authorised Signatory Date

Type of agreement:	Global Master Securities Lending Agreement, Overseas Securities Lending Agreement or Master Securities Lending Agreement.
Parties to agreement:	The relevant counterparty as described in the lists of Securities Lending Agreements entered into by BlackRock Advisors Limited and BlackRock Institutional Trust Corporation, N.A., respectively, on the following page.
Transfer date:	The date of the relevant transaction identified as a collateral transfer referred to in Annexure A to forms 604
Holder of voting rights:	The Borrower.
Are there any restrictions on voting rights? If yes, detail	Yes. Collateral is held through a tripartite structure under which the triparty collateral manager will not act in respect of voting rights unless it receives instructions to do so from the Borrower.
Scheduled return date (if any):	The date of the relevant transaction referred to in Annexure A to forms 604
Does the borrower have the right to return early? If yes, detail	Yes. The Borrower is entitled to substitute existing collateral with other equities at any time.
Does the lender have the right to recall early? If yes, detail	Yes, at notice.
Will the securities be returned on settlement? If yes, detail any exceptions	Yes.

A copy of the relevant agreement will be provided to BHP GROUP LTD or the Australian Securities and Investments Commission upon request.

Securities Lending Agreements

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

- (a) Bank of Nova Scotia, London Branch GMSLA, 25 August 2011
- (b) Barclays Bank plc GMSLA, 9 April 2104
- (c) Barclays Capital Securities Limited GMSLA, 2 December 2012
- (d) BNP Paribas Arbitrage GMSLA, 30 May 2013
- (e) BNP Paribas GMSLA, 8 May 2007
- (f) Citigroup Global Markets Limited GMSLA, 18 January 2007
- (g) Credit Suisse AG, Dublin Branch GMSLA, 28 September 2015
- (h) Credit Suisse International GMSLA, 10 March 2014
- (i) Credit Suisse Securities (Europe) Limited GMSLA, 26 August 2015
- (j) Deutsche Bank AG, London Branch GMSLA, 25 August 2017
- (k) Goldman Sachs International OSLA, 3 July 2001
- (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

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 OSLA April 1, 2004
- (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

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**