

Form 603

Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme CHALLENGER LTD

ACN/ARSN 106 842 371

1. Details of substantial holder (1)

Name BlackRock Group (BlackRock Inc. and subsidiaries named in Annexures
ACN/ARSN (if applicable) to this form)

The holder became a substantial holder on 08 / 04 / 2020

2. Details of 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 on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ord	30,644,291	30,644,291	5.00

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Annexure A		

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
see Annexure A			

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number of securities
		Cash	Non-cash	
see Annexure B				

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
see Annexure A	

7. Addresses

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

Name	Address
see Annexure C	

Signature

print name Maria Tricarico

capacity Authorised Signatory*

sign here

date 10 / 04 / 2020

* 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 7 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 total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. 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.
- (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) 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.

Maria Tricarico,
Authorised Signatory

10-Apr-20
Date

- 3. Details of Relevant Interests
- 4. Details of present registered holders
- 6. Associates

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock (Netherlands) B.V.	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD28,990	28,990	subsidiary of BlackRock Inc.
BlackRock (Netherlands) B.V.	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.	SSB-STATE STREET LONDON		ORD73,682	73,682	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	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.	BNYM-BONY EUROPE - LONDON		ORD705,027	705,027	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	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.	JPM-JPM CHASE - LONDON		ORD457,350	457,350	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	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.	NT-NORTHERN TRUST UK		ORD142,856	142,856	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Advisors (UK) Limited	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.	SSB-STATE STREET DUBLIN		ORD 1,735,810	1,735,810	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	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.	STATE STREET BANK, MUNICH, ZURICH BRANCH		ORD 11,671	11,671	subsidiary of BlackRock Inc.
BLACKROCK ADVISORS, LLC	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.	BNYM-THE BANK OF NEW YORK		ORD 46,906	46,906	subsidiary of BlackRock Inc.
BLACKROCK ADVISORS, LLC	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 7,310	7,310	subsidiary of BlackRock Inc.
BLACKROCK ADVISORS, LLC	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.	SSB-STATE STREET MUTUAL FUNDS - BOSTON		ORD 264,420	264,420	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	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.	BNYM-CIBC MELLON GLOBAL SECURITIES - NEW YORK		ORD 25,135	25,135	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	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.	BNYM-THE BANK OF NEW YORK		ORD 2,098	2,098	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 274,996	274,996	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	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.	RBC-ROYAL TRUST - TORONTO		ORD 2,478	2,478	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Asset Management Canada Limited	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.	SSB-SSB NEW YORK INSTITUTIONAL		ORD 26,402	26,402	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	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.	SSB-STATE STREET SACRAMENTO		ORD 99,762	99,762	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	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.	BNYM-BANK OF NY BRUS		ORD 18,282	18,282	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	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.	CITI-CITIBANK, HONG KONG		ORD 621	621	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	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.	HSBC-HSBC, HONG KONG		ORD 7,886	7,886	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	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.	Northern Trust Singapore		ORD 835	835	subsidiary of BlackRock Inc.
BLACKROCK FINANCIAL MANAGEMENT, 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.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 13,096	13,096	subsidiary of BlackRock Inc.
BLACKROCK FINANCIAL MANAGEMENT, 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.	BNYM-THE BANK OF NEW YORK		ORD 29,451	29,451	subsidiary of BlackRock Inc.
BLACKROCK FINANCIAL MANAGEMENT, 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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 52,640	52,640	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association	
BLACKROCK FINANCIAL MANAGEMENT, 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.	NT-NORTHERN TRUST UK		ORD	76,685	76,685	subsidiary of BlackRock Inc.
BLACKROCK FINANCIAL MANAGEMENT, 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.	SSB-STATE STATE HONG KONG		ORD	1,581	1,581	subsidiary of BlackRock Inc.
BLACKROCK FINANCIAL MANAGEMENT, 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.	SSB-STATE STREET BANK & TRUST TORONTO		ORD	4,528	4,528	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	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.	SSB-STATE STREET BANK, BOSTON		ORD	100,280	100,280	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	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.	SSB-STATE STREET MUTUAL FUNDS - BOSTON		ORD	20,283	20,283	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	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.	SSB-STATE STREET SACRAMENTO		ORD	7,173,050	7,173,050	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	BNYM-THE BANK OF NEW YORK		ORD	423,811	423,811	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ORD	56,611	56,611	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - NEW YORK		ORD	31,220	31,220	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Institutional Trust Company, National Association	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.	CS-CREDIT SUISSE PRIME BROKERAGE - ZURICH		ORD	15,919	15,919	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD	7,811,048	7,811,048	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	MS-MORGAN STANLEY & CO INC		ORD	5,678	5,678	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	NT-NORTHERN TRUST CO. - CHICAGO		ORD	79,368	79,368	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	SSB-SSB NEW YORK INSTITUTIONAL		ORD	155,078	155,078	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	SSB-STATE STATE HONG KONG		ORD	18,579	18,579	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	SSB-STATE STREET SACRAMENTO		ORD	1,648	1,648	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	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.	UBS- UBS- ZURICH		ORD	33,527	33,527	subsidiary of BlackRock Inc.
BlackRock International Limited	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD	16,792	16,792	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock International Limited	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.	NT-NORTHERN TRUST UK		ORD 207,775	207,775	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	HSBC-HSBC SYDNEY		ORD 803,366	803,366	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	JPM-JPM CHASE - SYDNEY		ORD 108,046	108,046	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ORD 1,428,367	1,428,367	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	Northern Trust Singapore		ORD 532,541	532,541	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	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.	SSB-STATE STREET SINGAPORE		ORD 25,062	25,062	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	AP7		ORD 260,890	260,890	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	BNP PARIBAS LUX		ORD 3,711	3,711	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	BNYM-BANK OF NY BRUS		ORD 306,879	306,879	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Investment Management (UK) Limited	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.	BNYM-BONY EUROPE - LONDON		ORD	329,806	329,806	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	CITI-CITIBANK, LONDON		ORD	964,037	964,037	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	HSBC BANK MIDDLE EAST LIMITED		ORD	2,242	2,242	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	HSBC-HSBC - LONDON		ORD	764,343	764,343	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD	12,042	12,042	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	JPM-JPM CHASE - LONDON		ORD	5,259	5,259	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	KAS-KAS BANK - AMSTERDAM		ORD	37,249	37,249	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	Northern Trust Luxembourg		ORD	19,589	19,589	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	NT-NORTHERN TRUST CO. - CHICAGO		ORD	15,745	15,745	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	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.	NT-NORTHERN TRUST UK		ORD 959,506	959,506	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	SEB-SKANDINAVISKA ENSKILDA BANKEN		ORD 50,176	50,176	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	SSB-STATE STATE HONG KONG		ORD 24,452	24,452	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	SSB-STATE STREET BANK LUXEMBOURG		ORD 171,471	171,471	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	SSB-STATE STREET BANK, GERMANY		ORD 38,562	38,562	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	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.	SSB-STATE STREET LONDON		ORD 536,349	536,349	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	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.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 24,541	24,541	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	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.	BNYM-THE BANK OF NEW YORK		ORD 365,693	365,693	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 319,744	319,744	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management, LLC	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.	SSB-STATE STREET BANK LUXEMBOURG		ORD 8,745	8,745	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	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.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 9,661	9,661	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 391,724	391,724	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	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.	JPM-JPM CHASE - LONDON		ORD 7,766	7,766	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	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.	MITSUI-SUMITOMO TRUST		ORD 23,052	23,052	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	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.	SSB-STATE STREET BANK, BOSTON		ORD 8,145	8,145	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ORD 278,640	278,640	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as responsible entity.	JPM-JPM CHASE - SYDNEY		ORD 1,545,725	1,545,725	subsidiary of BlackRock Inc.

This is Annexure B of 8 pages referred to in form 603 Notice of initial substantial shareholder

10-Apr-20
Date

Maria Tricarico,
Authorised Signatory

5. Consideration

CHALLENGER LTD (CGF)								
Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	09-Dec-19	no	n/a	in specie	AUD	ORD	2,358	2,358
BlackRock Investment Management (Australia) Limited	09-Dec-19	yes	7.98	on mkt buy	AUD	ORD	5,880	5,880
BlackRock Investment Management (Australia) Limited	10-Dec-19	yes	7.98	on mkt buy	AUD	ORD	7,056	7,056
BlackRock Advisors (UK) Limited	10-Dec-19	yes	7.98	on mkt buy	AUD	ORD	84	84
BlackRock Institutional Trust Company, National Association	10-Dec-19	yes	7.98	on mkt buy	AUD	ORD	4,985	4,985
BlackRock Advisors (UK) Limited	11-Dec-19	yes	8.10	on mkt buy	AUD	ORD	888	888
BlackRock Advisors (UK) Limited	11-Dec-19	yes	8.10	on mkt buy	AUD	ORD	666	666
BlackRock Advisors (UK) Limited	11-Dec-19	yes	8.10	on mkt buy	AUD	ORD	2,198	2,198
BlackRock Advisors (UK) Limited	11-Dec-19	yes	8.10	on mkt buy	AUD	ORD	2,198	2,198
BlackRock Investment Management (Australia) Limited	11-Dec-19	yes	8.10	on mkt buy	AUD	ORD	103,850	103,850
BlackRock Investment Management (Australia) Limited	12-Dec-19	no	n/a	in specie	AUD	ORD	24,514	24,514
BlackRock Investment Management (Australia) Limited	12-Dec-19	yes	8.06	on mkt buy	AUD	ORD	7,644	7,644
BlackRock Advisors (UK) Limited	12-Dec-19	yes	8.06	on mkt buy	AUD	ORD	27,337	27,337
BlackRock Advisors (UK) Limited	13-Dec-19	yes	8.20	on mkt buy	AUD	ORD	2,430	2,430
BlackRock Advisors (UK) Limited	13-Dec-19	yes	8.20	on mkt buy	AUD	ORD	1,100	1,100
BlackRock Advisors (UK) Limited	13-Dec-19	yes	8.20	on mkt buy	AUD	ORD	1,210	1,210
BlackRock Advisors (UK) Limited	16-Dec-19	yes	8.32	on mkt buy	AUD	ORD	1,215	1,215
BlackRock Advisors (UK) Limited	16-Dec-19	yes	8.33	on mkt buy	AUD	ORD	1,904	1,904
BlackRock Advisors (UK) Limited	16-Dec-19	yes	8.33	on mkt buy	AUD	ORD	3,808	3,808
BlackRock Investment Management (Australia) Limited	17-Dec-19	yes	8.34	on mkt buy	AUD	ORD	3,182	3,182
BlackRock Investment Management (Australia) Limited	17-Dec-19	yes	8.36	on mkt buy	AUD	ORD	5,880	5,880
BlackRock Advisors (UK) Limited	17-Dec-19	yes	8.36	on mkt buy	AUD	ORD	1,903	1,903
BlackRock Advisors (UK) Limited	17-Dec-19	yes	8.36	on mkt buy	AUD	ORD	88	88
BlackRock Asset Management Canada Limited	17-Dec-19	yes	8.36	on mkt buy	AUD	ORD	3,823	3,823
BlackRock Fund Advisors	18-Dec-19	no	n/a	in specie	AUD	ORD	6,316	6,316
BlackRock Fund Advisors	18-Dec-19	no	n/a	in specie	AUD	ORD	1,792	1,792
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.47	on mkt buy	AUD	ORD	1,215	1,215
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.47	on mkt buy	AUD	ORD	9,720	9,720
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.47	on mkt buy	AUD	ORD	1,903	1,903
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.47	on mkt buy	AUD	ORD	9,720	9,720
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.47	on mkt buy	AUD	ORD	428	428
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.47	on mkt buy	AUD	ORD	84	84
BlackRock Fund Advisors	18-Dec-19	no	n/a	in specie	AUD	ORD	448	448
BlackRock Fund Advisors	19-Dec-19	no	n/a	in specie	AUD	ORD	896	896
BlackRock Advisors (UK) Limited	19-Dec-19	yes	8.42	on mkt buy	AUD	ORD	1,904	1,904
BlackRock Advisors (UK) Limited	19-Dec-19	yes	8.42	on mkt buy	AUD	ORD	1,904	1,904
BlackRock Advisors (UK) Limited	19-Dec-19	yes	8.42	on mkt buy	AUD	ORD	294	294
BlackRock Institutional Trust Company, National Association	19-Dec-19	yes	8.42	on mkt buy	AUD	ORD	2,736	2,736
BlackRock Institutional Trust Company, National Association	19-Dec-19	yes	8.42	on mkt buy	AUD	ORD	9,065	9,065
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.38	on mkt buy	AUD	ORD	21,070	21,070
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.38	on mkt buy	AUD	ORD	63,869	63,869
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.38	on mkt buy	AUD	ORD	2,444	2,444
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.38	on mkt buy	AUD	ORD	436	436
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.38	on mkt buy	AUD	ORD	592	592
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.38	on mkt buy	AUD	ORD	888	888
BlackRock Investment Management (UK) Limited	20-Dec-19	yes	8.38	on mkt buy	AUD	ORD	48,546	48,546
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.38	on mkt buy	AUD	ORD	10,013	10,013

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			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.38	on mkt buy	AUD	ORD	548	548
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.38	on mkt buy	AUD	ORD	8,084	8,084
BlackRock Fund Advisors	20-Dec-19	no	n/a	in specie	AUD	ORD	3,040	3,040
BlackRock Advisors (UK) Limited	23-Dec-19	yes	8.46	on mkt buy	AUD	ORD	1,902	1,902
BlackRock Advisors (UK) Limited	23-Dec-19	yes	8.46	on mkt buy	AUD	ORD	1,632	1,632
BlackRock Institutional Trust Company, National Association	23-Dec-19	yes	8.46	on mkt buy	AUD	ORD	10,077	10,077
BlackRock Fund Advisors	24-Dec-19	no	n/a	in specie	AUD	ORD	9,660	9,660
BlackRock Fund Advisors	24-Dec-19	no	n/a	in specie	AUD	ORD	9,804	9,804
BlackRock Investment Management (Australia) Limited	24-Dec-19	yes	8.31	on mkt buy	AUD	ORD	1,176	1,176
BlackRock Fund Advisors	24-Dec-19	no	n/a	in specie	AUD	ORD	3,040	3,040
BlackRock Fund Advisors	24-Dec-19	no	n/a	in specie	AUD	ORD	3,040	3,040
BlackRock Investment Management (Australia) Limited	27-Dec-19	yes	8.37	on mkt buy	AUD	ORD	3,528	3,528
BlackRock Fund Advisors	27-Dec-19	yes	8.37	on mkt buy	AUD	ORD	18,690	18,690
BlackRock Fund Advisors	30-Dec-19	no	n/a	in specie	AUD	ORD	75	75
BlackRock Advisors (UK) Limited	30-Dec-19	yes	8.39	on mkt buy	AUD	ORD	1,222	1,222
BlackRock Advisors (UK) Limited	31-Dec-19	yes	8.09	on mkt buy	AUD	ORD	636	636
BlackRock Investment Management (Australia) Limited	02-Jan-20	yes	8.20	on mkt buy	AUD	ORD	5,292	5,292
BlackRock Investment Management (Australia) Limited	02-Jan-20	yes	8.20	on mkt buy	AUD	ORD	1,176	1,176
BlackRock Advisors (UK) Limited	03-Jan-20	yes	8.27	on mkt buy	AUD	ORD	1,912	1,912
BlackRock Advisors (UK) Limited	03-Jan-20	yes	8.27	on mkt buy	AUD	ORD	1,636	1,636
BlackRock Advisors (UK) Limited	03-Jan-20	yes	8.27	on mkt buy	AUD	ORD	296	296
BlackRock Advisors (UK) Limited	06-Jan-20	yes	8.22	on mkt buy	AUD	ORD	1,222	1,222
BlackRock Investment Management (UK) Limited	08-Jan-20	yes	8.24	on mkt buy	AUD	ORD	4,953	4,953
BlackRock Fund Advisors	08-Jan-20	no	n/a	in specie	AUD	ORD	3,020	3,020
BlackRock Investment Management (Australia) Limited	09-Jan-20	yes	8.27	on mkt buy	AUD	ORD	8,907	8,907
BlackRock Advisors (UK) Limited	10-Jan-20	yes	8.34	on mkt buy	AUD	ORD	1,228	1,228
BlackRock Investment Management (Australia) Limited	13-Jan-20	yes	8.29	on mkt buy	AUD	ORD	27,589	27,589
BlackRock Advisors (UK) Limited	13-Jan-20	yes	8.29	on mkt buy	AUD	ORD	84	84
BlackRock Investment Management (Australia) Limited	14-Jan-20	yes	8.30	on mkt buy	AUD	ORD	1,213	1,213
BlackRock Investment Management (Australia) Limited	14-Jan-20	yes	8.29	on mkt buy	AUD	ORD	2,935	2,935
BlackRock Advisors (UK) Limited	14-Jan-20	yes	8.29	on mkt buy	AUD	ORD	1,891	1,891
BlackRock Advisors (UK) Limited	14-Jan-20	yes	8.29	on mkt buy	AUD	ORD	2,332	2,332
BlackRock Advisors (UK) Limited	14-Jan-20	yes	8.29	on mkt buy	AUD	ORD	168	168
BlackRock Institutional Trust Company, National Association	14-Jan-20	yes	8.29	on mkt buy	AUD	ORD	73,651	73,651
BlackRock Investment Management (UK) Limited	15-Jan-20	no	n/a	in specie	AUD	ORD	32,408	32,408
BlackRock Investment Management (Australia) Limited	15-Jan-20	yes	8.33	on mkt buy	AUD	ORD	11,153	11,153
BlackRock Fund Advisors	16-Jan-20	no	n/a	in specie	AUD	ORD	75	75
BlackRock Fund Advisors	16-Jan-20	no	n/a	in specie	AUD	ORD	150	150
BlackRock Fund Advisors	16-Jan-20	no	n/a	in specie	AUD	ORD	2,869	2,869
BlackRock Institutional Trust Company, National Association	16-Jan-20	yes	8.61	on mkt buy	AUD	ORD	576	576
BlackRock Institutional Trust Company, National Association	16-Jan-20	yes	8.61	on mkt buy	AUD	ORD	209	209
BlackRock Investment Management (Australia) Limited	16-Jan-20	yes	8.64	on mkt buy	AUD	ORD	3,660	3,660
BlackRock Investment Management (Australia) Limited	16-Jan-20	yes	8.80	on mkt buy	AUD	ORD	5,870	5,870
BlackRock Advisors (UK) Limited	16-Jan-20	yes	8.80	on mkt buy	AUD	ORD	330	330
BlackRock Fund Advisors	16-Jan-20	no	n/a	in specie	AUD	ORD	1,812	1,812
BlackRock Investment Management (UK) Limited	17-Jan-20	yes	8.82	on mkt buy	AUD	ORD	2,242	2,242
BlackRock Advisors (UK) Limited	17-Jan-20	yes	8.63	on mkt buy	AUD	ORD	770	770
BlackRock Advisors (UK) Limited	21-Jan-20	yes	8.55	on mkt buy	AUD	ORD	1,897	1,897
BlackRock Advisors (UK) Limited	21-Jan-20	yes	8.55	on mkt buy	AUD	ORD	38	38
BlackRock Advisors (UK) Limited	21-Jan-20	yes	8.55	on mkt buy	AUD	ORD	252	252
BlackRock Advisors (UK) Limited	21-Jan-20	yes	8.55	on mkt buy	AUD	ORD	654	654
BlackRock Fund Advisors	21-Jan-20	no	n/a	in specie	AUD	ORD	135	135
BlackRock Investment Management (Australia) Limited	22-Jan-20	yes	8.70	on mkt buy	AUD	ORD	11,740	11,740
BlackRock Asset Management North Asia Limited	22-Jan-20	yes	8.70	on mkt buy	AUD	ORD	18,282	18,282

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			Cash	Non-cash	CCY		
BlackRock Advisors (UK) Limited	23-Jan-20	yes	8.59	on mkt buy	AUD	ORD 85	85
BlackRock Investment Management (UK) Limited	23-Jan-20	yes	8.74	on mkt buy	AUD	ORD 32,365	32,365
BlackRock Investment Management (Australia) Limited	24-Jan-20	yes	8.72	on mkt buy	AUD	ORD 5,870	5,870
BlackRock Advisors (UK) Limited	24-Jan-20	yes	8.72	on mkt buy	AUD	ORD 1,875	1,875
BlackRock Advisors (UK) Limited	24-Jan-20	yes	8.72	on mkt buy	AUD	ORD 770	770
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD 12,420	12,420
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD 14,490	14,490
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD 20,700	20,700
BlackRock Institutional Trust Company, National Association	27-Jan-20	no	n/a	in specie	AUD	ORD 108,264	108,264
BlackRock Institutional Trust Company, National Association	28-Jan-20	yes	8.64	on mkt buy	AUD	ORD 170	170
BlackRock Fund Advisors	28-Jan-20	no	n/a	in specie	AUD	ORD 5,076	5,076
BlackRock Fund Advisors	29-Jan-20	no	n/a	in specie	AUD	ORD 6,330	6,330
BlackRock Investment Management (Australia) Limited	29-Jan-20	yes	8.71	on mkt buy	AUD	ORD 1,174	1,174
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.71	on mkt buy	AUD	ORD 1,221	1,221
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.71	on mkt buy	AUD	ORD 3,663	3,663
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.71	on mkt buy	AUD	ORD 882	882
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.71	on mkt buy	AUD	ORD 374	374
BlackRock Fund Advisors	29-Jan-20	no	n/a	in specie	AUD	ORD 6,330	6,330
BlackRock Fund Advisors	30-Jan-20	no	n/a	in specie	AUD	ORD 6,330	6,330
BlackRock Advisors (UK) Limited	30-Jan-20	yes	8.79	on mkt buy	AUD	ORD 24,440	24,440
BlackRock Fund Advisors	30-Jan-20	no	n/a	in specie	AUD	ORD 11,394	11,394
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD 1,266	1,266
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD 2,962	2,962
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD 9,938	9,938
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD 4,254	4,254
BlackRock Investment Management (Australia) Limited	31-Jan-20	yes	8.98	on mkt buy	AUD	ORD 177,397	177,397
BlackRock Advisors (UK) Limited	31-Jan-20	yes	8.95	on mkt buy	AUD	ORD 2,189	2,189
BlackRock Advisors (UK) Limited	31-Jan-20	yes	8.95	on mkt buy	AUD	ORD 252	252
BlackRock Investment Management (Australia) Limited	03-Feb-20	yes	8.73	on mkt buy	AUD	ORD 3,522	3,522
BlackRock Investment Management (Australia) Limited	03-Feb-20	yes	8.73	on mkt buy	AUD	ORD 841	841
BlackRock Advisors (UK) Limited	03-Feb-20	yes	8.73	on mkt buy	AUD	ORD 1,875	1,875
BlackRock Advisors (UK) Limited	03-Feb-20	yes	8.73	on mkt buy	AUD	ORD 654	654
BlackRock Advisors (UK) Limited	03-Feb-20	yes	8.73	on mkt buy	AUD	ORD 948	948
BlackRock Investment Management (Australia) Limited	04-Feb-20	yes	8.82	on mkt buy	AUD	ORD 5,283	5,283
BlackRock Investment Management (Australia) Limited	04-Feb-20	yes	8.82	on mkt buy	AUD	ORD 2,348	2,348
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD 3,775	3,775
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD 6,342	6,342
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD 6,040	6,040
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.88	on mkt buy	AUD	ORD 841	841
BlackRock Advisors (UK) Limited	05-Feb-20	yes	8.88	on mkt buy	AUD	ORD 126	126
BlackRock Advisors (UK) Limited	06-Feb-20	yes	8.98	on mkt buy	AUD	ORD 1,875	1,875
BlackRock Institutional Trust Company, National Association	06-Feb-20	yes	8.98	on mkt buy	AUD	ORD 100,850	100,850
BlackRock Fund Advisors	07-Feb-20	no	n/a	in specie	AUD	ORD 12,660	12,660
BlackRock Investment Management (Australia) Limited	07-Feb-20	yes	8.94	on mkt buy	AUD	ORD 2,348	2,348
BlackRock Institutional Trust Company, National Association	10-Feb-20	no	n/a	in specie	AUD	ORD 18,528	18,528
BlackRock Investment Management (Australia) Limited	10-Feb-20	yes	8.87	on mkt buy	AUD	ORD 5,283	5,283
BlackRock Advisors (UK) Limited	10-Feb-20	yes	8.87	on mkt buy	AUD	ORD 550	550
BlackRock Advisors (UK) Limited	11-Feb-20	yes	10.10	on mkt buy	AUD	ORD 4,892	4,892
BlackRock Fund Advisors	12-Feb-20	no	n/a	in specie	AUD	ORD 5,460	5,460
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	10.14	on mkt buy	AUD	ORD 841	841
BlackRock Advisors (UK) Limited	12-Feb-20	yes	10.14	on mkt buy	AUD	ORD 168	168
BlackRock Advisors (UK) Limited	13-Feb-20	yes	10.16	on mkt buy	AUD	ORD 1,220	1,220
BlackRock Advisors (UK) Limited	13-Feb-20	yes	10.16	on mkt buy	AUD	ORD 1,220	1,220
BlackRock Advisors (UK) Limited	13-Feb-20	yes	10.16	on mkt buy	AUD	ORD 1,877	1,877
BlackRock Investment Management (Australia) Limited	14-Feb-20	yes	10.10	on mkt buy	AUD	ORD 5,283	5,283

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			Cash	Non-cash	CCY		
BlackRock Advisors (UK) Limited	18-Feb-20	yes	10.25	on mkt buy	AUD	ORD 1,220	1,220
BlackRock Advisors (UK) Limited	18-Feb-20	yes	10.25	on mkt buy	AUD	ORD 138	138
BlackRock Investment Management (UK) Limited	18-Feb-20	no	n/a	in specie	AUD	ORD 20,099	20,099
BlackRock Investment Management (Australia) Limited	19-Feb-20	yes	10.30	on mkt buy	AUD	ORD 30,099	30,099
BlackRock Investment Management (Australia) Limited	19-Feb-20	yes	10.30	on mkt buy	AUD	ORD 33,340	33,340
BlackRock Investment Management (Australia) Limited	19-Feb-20	no	n/a	in specie	AUD	ORD 65,374	65,374
BlackRock Advisors (UK) Limited	19-Feb-20	yes	10.34	on mkt buy	AUD	ORD 10,965	10,965
BlackRock Investment Management, LLC	19-Feb-20	yes	10.34	on mkt buy	AUD	ORD 2,261	2,261
BlackRock Fund Advisors	20-Feb-20	no	n/a	in specie	AUD	ORD 7,021	7,021
BlackRock Fund Advisors	20-Feb-20	no	n/a	in specie	AUD	ORD 150	150
BlackRock Advisors (UK) Limited	20-Feb-20	yes	10.38	on mkt buy	AUD	ORD 1,229	1,229
BlackRock Investment Management (Australia) Limited	20-Feb-20	yes	10.38	on mkt buy	AUD	ORD 21,875	21,875
BlackRock Investment Management (Australia) Limited	21-Feb-20	yes	10.32	on mkt buy	AUD	ORD 841	841
BlackRock Advisors (UK) Limited	21-Feb-20	yes	10.32	on mkt buy	AUD	ORD 1,889	1,889
BlackRock Advisors (UK) Limited	21-Feb-20	yes	10.32	on mkt buy	AUD	ORD 2,725	2,725
BlackRock Investment Management (Australia) Limited	25-Feb-20	yes	9.85	on mkt buy	AUD	ORD 6,457	6,457
BlackRock Investment Management (Australia) Limited	25-Feb-20	yes	9.85	on mkt buy	AUD	ORD 841	841
BlackRock Investment Management (Australia) Limited	26-Feb-20	yes	9.49	on mkt buy	AUD	ORD 8,818	8,818
BlackRock Investment Management (Australia) Limited	26-Feb-20	yes	9.49	on mkt buy	AUD	ORD 25,893	25,893
BlackRock Fund Advisors	26-Feb-20	no	n/a	in specie	AUD	ORD 75	75
BlackRock Investment Management (Australia) Limited	26-Feb-20	yes	9.39	on mkt buy	AUD	ORD 5,870	5,870
BlackRock Investment Management (Australia) Limited	26-Feb-20	yes	9.39	on mkt buy	AUD	ORD 5,283	5,283
BlackRock Advisors (UK) Limited	26-Feb-20	yes	9.39	on mkt buy	AUD	ORD 3,901	3,901
BlackRock Investment Management (Australia) Limited	27-Feb-20	yes	9.50	on mkt buy	AUD	ORD 841	841
BlackRock Advisors (UK) Limited	27-Feb-20	yes	9.50	on mkt buy	AUD	ORD 1,238	1,238
BlackRock Investment Management, LLC	28-Feb-20	yes	8.99	on mkt buy	AUD	ORD 2,359	2,359
BlackRock Fund Advisors	28-Feb-20	no	n/a	in specie	AUD	ORD 4,104	4,104
BlackRock Advisors (UK) Limited	28-Feb-20	yes	9.09	on mkt buy	AUD	ORD 13,616	13,616
BlackRock Asset Management Canada Limited	28-Feb-20	yes	9.09	on mkt buy	AUD	ORD 10,156	10,156
BlackRock Fund Advisors	28-Feb-20	yes	9.09	on mkt buy	AUD	ORD 6,115	6,115
BLACKROCK ADVISORS, LLC	28-Feb-20	yes	9.09	on mkt buy	AUD	ORD 58,418	58,418
BlackRock Investment Management (UK) Limited	28-Feb-20	yes	9.09	on mkt buy	AUD	ORD 7,952	7,952
BlackRock Institutional Trust Company, National Association	28-Feb-20	yes	9.09	on mkt buy	AUD	ORD 12,117	12,117
BlackRock Institutional Trust Company, National Association	28-Feb-20	yes	9.09	on mkt buy	AUD	ORD 2,401	2,401
BlackRock Institutional Trust Company, National Association	02-Mar-20	no	n/a	in specie	AUD	ORD 7,208	7,208
BlackRock Institutional Trust Company, National Association	02-Mar-20	no	n/a	in specie	AUD	ORD 16,661	16,661
BlackRock Fund Advisors	02-Mar-20	no	n/a	in specie	AUD	ORD 8,636	8,636
BlackRock Fund Advisors	02-Mar-20	no	n/a	in specie	AUD	ORD 2,128	2,128
BlackRock Institutional Trust Company, National Association	02-Mar-20	yes	8.88	on mkt buy	AUD	ORD 793	793
BlackRock Advisors (UK) Limited	02-Mar-20	yes	8.85	on mkt buy	AUD	ORD 4,622	4,622
BlackRock Institutional Trust Company, National Association	03-Mar-20	yes	8.98	on mkt buy	AUD	ORD 2,711	2,711
BlackRock Investment Management (Australia) Limited	03-Mar-20	yes	8.90	on mkt buy	AUD	ORD 841	841
BlackRock Advisors (UK) Limited	03-Mar-20	yes	8.90	on mkt buy	AUD	ORD 166	166
BlackRock Advisors (UK) Limited	03-Mar-20	yes	8.90	on mkt buy	AUD	ORD 436	436
BlackRock Advisors (UK) Limited	03-Mar-20	yes	8.90	on mkt buy	AUD	ORD 498	498
BlackRock Institutional Trust Company, National Association	03-Mar-20	yes	8.90	on mkt buy	AUD	ORD 8,499	8,499
BlackRock Institutional Trust Company, National Association	04-Mar-20	yes	8.61	on mkt buy	AUD	ORD 1,324	1,324
BlackRock Investment Management (Australia) Limited	04-Mar-20	yes	8.64	on mkt buy	AUD	ORD 841	841
BlackRock Advisors (UK) Limited	04-Mar-20	yes	8.64	on mkt buy	AUD	ORD 545	545
BlackRock Advisors (UK) Limited	04-Mar-20	yes	8.64	on mkt buy	AUD	ORD 763	763

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	05-Mar-20	yes	8.86	on mkt buy	AUD	ORD	295	295
BlackRock Investment Management (Australia) Limited	05-Mar-20	yes	8.96	on mkt buy	AUD	ORD	39,916	39,916
BlackRock Advisors (UK) Limited	05-Mar-20	yes	8.96	on mkt buy	AUD	ORD	1,249	1,249
BlackRock Advisors (UK) Limited	05-Mar-20	yes	8.96	on mkt buy	AUD	ORD	900	900
BlackRock Advisors (UK) Limited	05-Mar-20	yes	8.96	on mkt buy	AUD	ORD	83	83
BlackRock Advisors (UK) Limited	05-Mar-20	yes	8.96	on mkt buy	AUD	ORD	900	900
BlackRock Advisors (UK) Limited	05-Mar-20	yes	8.96	on mkt buy	AUD	ORD	13,304	13,304
BlackRock Institutional Trust Company, National Association	05-Mar-20	yes	8.96	on mkt buy	AUD	ORD	23,941	23,941
BlackRock Institutional Trust Company, National Association	06-Mar-20	yes	8.35	on mkt buy	AUD	ORD	3,507	3,507
BlackRock Advisors (UK) Limited	06-Mar-20	yes	8.27	on mkt buy	AUD	ORD	2,196	2,196
BlackRock Advisors (UK) Limited	06-Mar-20	yes	8.27	on mkt buy	AUD	ORD	666	666
BlackRock Institutional Trust Company, National Association	09-Mar-20	yes	7.36	on mkt buy	AUD	ORD	957	957
BlackRock Investment Management (Australia) Limited	09-Mar-20	yes	7.28	on mkt buy	AUD	ORD	841	841
BlackRock Advisors (UK) Limited	09-Mar-20	yes	7.28	on mkt buy	AUD	ORD	111	111
BlackRock Advisors (UK) Limited	09-Mar-20	yes	7.28	on mkt buy	AUD	ORD	3,756	3,756
BlackRock Advisors (UK) Limited	09-Mar-20	yes	7.28	on mkt buy	AUD	ORD	2,440	2,440
BlackRock Japan Co., Ltd.	09-Mar-20	yes	7.28	on mkt buy	AUD	ORD	2,901	2,901
BlackRock Investment Management (Australia) Limited	10-Mar-20	yes	7.61	on mkt buy	AUD	ORD	2,523	2,523
BlackRock Advisors (UK) Limited	10-Mar-20	yes	7.61	on mkt buy	AUD	ORD	146	146
BlackRock Advisors (UK) Limited	10-Mar-20	yes	7.61	on mkt buy	AUD	ORD	1,284	1,284
BlackRock Advisors (UK) Limited	10-Mar-20	yes	7.61	on mkt buy	AUD	ORD	747	747
BlackRock Investment Management (Australia) Limited	10-Mar-20	yes	7.61	on mkt buy	AUD	ORD	18,150	18,150
BlackRock Fund Advisors	11-Mar-20	no	n/a	in specie	AUD	ORD	3,040	3,040
BlackRock Fund Advisors	11-Mar-20	no	n/a	in specie	AUD	ORD	2,280	2,280
BlackRock Investment Management (UK) Limited	11-Mar-20	yes	7.65	on mkt buy	AUD	ORD	27,798	27,798
BlackRock Investment Management (Australia) Limited	11-Mar-20	yes	7.54	on mkt buy	AUD	ORD	91,197	91,197
BlackRock Investment Management (Australia) Limited	11-Mar-20	yes	7.40	on mkt buy	AUD	ORD	56,090	56,090
BlackRock Investment Management, LLC	11-Mar-20	yes	7.40	on mkt buy	AUD	ORD	3,081	3,081
BlackRock Investment Management (Australia) Limited	12-Mar-20	yes	6.69	on mkt buy	AUD	ORD	2,523	2,523
BlackRock Investment Management (Australia) Limited	12-Mar-20	yes	6.69	on mkt buy	AUD	ORD	2,348	2,348
BlackRock Advisors (UK) Limited	12-Mar-20	yes	6.69	on mkt buy	AUD	ORD	83	83
BlackRock Investment Management (UK) Limited	13-Mar-20	yes	5.82	on mkt buy	AUD	ORD	6,438	6,438
BlackRock Fund Advisors	13-Mar-20	no	n/a	in specie	AUD	ORD	4,368	4,368
BlackRock Investment Management (Australia) Limited	13-Mar-20	yes	6.64	on mkt buy	AUD	ORD	1,761	1,761
BlackRock Advisors (UK) Limited	13-Mar-20	yes	6.64	on mkt buy	AUD	ORD	336	336
BlackRock Investment Management (Australia) Limited	13-Mar-20	yes	6.64	on mkt buy	AUD	ORD	48,059	48,059
BlackRock Investment Management (Australia) Limited	16-Mar-20	yes	5.49	on mkt buy	AUD	ORD	841	841
BlackRock Investment Management (Australia) Limited	16-Mar-20	yes	5.49	on mkt buy	AUD	ORD	5,283	5,283
BlackRock Investment Management (Australia) Limited	16-Mar-20	yes	5.49	on mkt buy	AUD	ORD	1,174	1,174
BlackRock Advisors (UK) Limited	16-Mar-20	yes	5.69	on mkt buy	AUD	ORD	1,110	1,110
BlackRock Advisors (UK) Limited	16-Mar-20	yes	5.49	on mkt buy	AUD	ORD	93	93
BlackRock Advisors (UK) Limited	16-Mar-20	yes	5.49	on mkt buy	AUD	ORD	777	777
BlackRock Advisors (UK) Limited	16-Mar-20	yes	5.49	on mkt buy	AUD	ORD	185	185
BlackRock Advisors (UK) Limited	16-Mar-20	yes	5.49	on mkt buy	AUD	ORD	555	555
BlackRock Institutional Trust Company, National Association	16-Mar-20	yes	5.49	on mkt buy	AUD	ORD	22,926	22,926
BlackRock Investment Management (Australia) Limited	17-Mar-20	yes	4.99	on mkt buy	AUD	ORD	5,283	5,283
BlackRock Advisors (UK) Limited	17-Mar-20	yes	4.99	on mkt buy	AUD	ORD	804	804
BlackRock Advisors (UK) Limited	17-Mar-20	yes	4.99	on mkt buy	AUD	ORD	763	763
BlackRock Investment Management (Australia) Limited	17-Mar-20	yes	4.99	on mkt buy	AUD	ORD	24,387	24,387
BlackRock Investment Management (Australia) Limited	18-Mar-20	yes	4.10	on mkt buy	AUD	ORD	841	841
BlackRock Investment Management (Australia) Limited	18-Mar-20	yes	4.10	on mkt buy	AUD	ORD	2,348	2,348
BlackRock Advisors (UK) Limited	18-Mar-20	yes	4.10	on mkt buy	AUD	ORD	39	39

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BLACKROCK FINANCIAL MANAGEMENT, INC.	18-Mar-20	yes	4.10	on mkt buy	AUD	ORD	5,477	5,477
BlackRock Investment Management (Australia) Limited	18-Mar-20	yes	4.10	on mkt buy	AUD	ORD	10,338	10,338
BlackRock Fund Advisors	19-Mar-20	no	n/a	in specie	AUD	ORD	4,368	4,368
BLACKROCK FINANCIAL MANAGEMENT, INC.	19-Mar-20	yes	3.18	on mkt buy	AUD	ORD	4,701	4,701
BlackRock Fund Advisors	19-Mar-20	yes	3.18	on mkt buy	AUD	ORD	3,033	3,033
BLACKROCK ADVISORS, LLC	19-Mar-20	yes	3.18	on mkt buy	AUD	ORD	16,554	16,554
BlackRock Institutional Trust Company, National Association	19-Mar-20	yes	3.18	on mkt buy	AUD	ORD	3,714	3,714
BLACKROCK ADVISORS, LLC	19-Mar-20	yes	3.18	on mkt buy	AUD	ORD	4,498	4,498
BlackRock International Limited	19-Mar-20	yes	3.18	on mkt buy	AUD	ORD	2,095	2,095
BlackRock Investment Management, LLC	19-Mar-20	yes	3.18	on mkt buy	AUD	ORD	2,446	2,446
BlackRock Investment Management (Australia) Limited	19-Mar-20	yes	3.28	on mkt buy	AUD	ORD	1,761	1,761
BlackRock Investment Management (Australia) Limited	19-Mar-20	yes	3.28	on mkt buy	AUD	ORD	841	841
BlackRock Advisors (UK) Limited	19-Mar-20	yes	3.28	on mkt buy	AUD	ORD	327	327
BlackRock Advisors (UK) Limited	19-Mar-20	yes	3.28	on mkt buy	AUD	ORD	166	166
BlackRock Fund Advisors	19-Mar-20	no	n/a	in specie	AUD	ORD	1,824	1,824
BlackRock Fund Advisors	20-Mar-20	no	n/a	in specie	AUD	ORD	4,368	4,368
BlackRock Investment Management (Australia) Limited	20-Mar-20	yes	3.85	on mkt buy	AUD	ORD	4,109	4,109
BlackRock Investment Management (Australia) Limited	20-Mar-20	yes	3.85	on mkt buy	AUD	ORD	1,174	1,174
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.84	on mkt buy	AUD	ORD	3,930	3,930
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.85	on mkt buy	AUD	ORD	1,716	1,716
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.85	on mkt buy	AUD	ORD	135	135
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.85	on mkt buy	AUD	ORD	135	135
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.85	on mkt buy	AUD	ORD	1,080	1,080
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.85	on mkt buy	AUD	ORD	186	186
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.85	on mkt buy	AUD	ORD	2,223	2,223
BlackRock Advisors (UK) Limited	20-Mar-20	yes	3.85	on mkt buy	AUD	ORD	146	146
BlackRock Investment Management (UK) Limited	20-Mar-20	yes	3.85	on mkt buy	AUD	ORD	38,238	38,238
BlackRock Fund Advisors	20-Mar-20	no	n/a	in specie	AUD	ORD	4,420	4,420
BlackRock Fund Advisors	23-Mar-20	no	n/a	in specie	AUD	ORD	16,880	16,880
BlackRock Investment Management (Australia) Limited	23-Mar-20	yes	2.97	on mkt buy	AUD	ORD	587	587
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.97	on mkt buy	AUD	ORD	1,310	1,310
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.97	on mkt buy	AUD	ORD	1,294	1,294
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.97	on mkt buy	AUD	ORD	468	468
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.97	on mkt buy	AUD	ORD	1,410	1,410
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.97	on mkt buy	AUD	ORD	564	564
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.97	on mkt buy	AUD	ORD	438	438
BlackRock Advisors (UK) Limited	23-Mar-20	yes	2.97	on mkt buy	AUD	ORD	2,620	2,620
BlackRock Investment Management, LLC	23-Mar-20	yes	2.97	on mkt buy	AUD	ORD	19,000	19,000
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	5,064	5,064
BlackRock Investment Management (Australia) Limited	24-Mar-20	yes	3.48	on mkt buy	AUD	ORD	587	587
BlackRock Advisors (UK) Limited	24-Mar-20	yes	3.48	on mkt buy	AUD	ORD	735	735
BlackRock Advisors (UK) Limited	24-Mar-20	yes	3.48	on mkt buy	AUD	ORD	7,860	7,860
BlackRock Advisors (UK) Limited	24-Mar-20	yes	3.48	on mkt buy	AUD	ORD	1,160	1,160
BlackRock Investment Management (UK) Limited	24-Mar-20	yes	3.48	on mkt buy	AUD	ORD	18,492	18,492
BlackRock Institutional Trust Company, National Association	24-Mar-20	yes	3.48	on mkt buy	AUD	ORD	11,195	11,195
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	4,560	4,560
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	1,520	1,520
BlackRock Fund Advisors	24-Mar-20	no	n/a	in specie	AUD	ORD	3,040	3,040
BlackRock Institutional Trust Company, National Association	25-Mar-20	yes	3.76	on mkt buy	AUD	ORD	3,175	3,175
BlackRock Institutional Trust Company, National Association	25-Mar-20	yes	3.76	on mkt buy	AUD	ORD	1,168	1,168
BlackRock Investment Management (Australia) Limited	25-Mar-20	yes	3.71	on mkt buy	AUD	ORD	587	587
BlackRock Advisors (UK) Limited	25-Mar-20	yes	3.71	on mkt buy	AUD	ORD	2,590	2,590
BlackRock Advisors (UK) Limited	25-Mar-20	yes	3.71	on mkt buy	AUD	ORD	464	464
BlackRock Advisors (UK) Limited	25-Mar-20	yes	3.71	on mkt buy	AUD	ORD	1,860	1,860
BlackRock Institutional Trust Company, National Association	26-Mar-20	yes	3.94	on mkt buy	AUD	ORD	4,843	4,843
BlackRock Institutional Trust Company, National Association	26-Mar-20	yes	3.94	on mkt buy	AUD	ORD	3,268	3,268
BlackRock Advisors (UK) Limited	26-Mar-20	yes	3.92	on mkt buy	AUD	ORD	452	452
BlackRock Advisors (UK) Limited	26-Mar-20	yes	3.92	on mkt buy	AUD	ORD	584	584

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected
			Cash	Non-cash	CCY		
BlackRock Advisors (UK) Limited	26-Mar-20	yes	3.92	on mkt buy	AUD	ORD 1,243	1,243
BlackRock Advisors (UK) Limited	26-Mar-20	yes	3.92	on mkt buy	AUD	ORD 2,820	2,820
BlackRock Fund Advisors	26-Mar-20	no	n/a	in specie	AUD	ORD 1,530	1,530
BlackRock Fund Advisors	26-Mar-20	no	n/a	in specie	AUD	ORD 3,060	3,060
BlackRock Institutional Trust Company, National Association	27-Mar-20	yes	3.78	on mkt buy	AUD	ORD 3,971	3,971
BlackRock Institutional Trust Company, National Association	27-Mar-20	yes	3.78	on mkt buy	AUD	ORD 930	930
BlackRock Investment Management (Australia) Limited	27-Mar-20	yes	3.60	on mkt buy	AUD	ORD 587	587
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.60	on mkt buy	AUD	ORD 1,296	1,296
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.60	on mkt buy	AUD	ORD 234	234
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.60	on mkt buy	AUD	ORD 760	760
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.60	on mkt buy	AUD	ORD 292	292
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.60	on mkt buy	AUD	ORD 150	150
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.60	on mkt buy	AUD	ORD 2,090	2,090
BlackRock Advisors (UK) Limited	27-Mar-20	yes	3.60	on mkt buy	AUD	ORD 292	292
BlackRock Fund Advisors	27-Mar-20	no	n/a	in specie	AUD	ORD 9,792	9,792
BlackRock Institutional Trust Company, National Association	30-Mar-20	yes	3.83	on mkt buy	AUD	ORD 3,947	3,947
BlackRock Institutional Trust Company, National Association	30-Mar-20	yes	3.83	on mkt buy	AUD	ORD 904	904
BlackRock Investment Management (Australia) Limited	30-Mar-20	yes	4.02	on mkt buy	AUD	ORD 2,348	2,348
BlackRock Institutional Trust Company, National Association	30-Mar-20	yes	4.02	on mkt buy	AUD	ORD 143,290	143,290
BlackRock Fund Advisors	31-Mar-20	no	n/a	in specie	AUD	ORD 150	150
BlackRock Fund Advisors	31-Mar-20	no	n/a	in specie	AUD	ORD 8,109	8,109
BlackRock Institutional Trust Company, National Association	31-Mar-20	yes	4.29	on mkt buy	AUD	ORD 1,640	1,640
BlackRock Institutional Trust Company, National Association	31-Mar-20	yes	4.29	on mkt buy	AUD	ORD 844	844
BlackRock Advisors (UK) Limited	31-Mar-20	yes	4.00	on mkt buy	AUD	ORD 1,311	1,311
BlackRock Advisors (UK) Limited	31-Mar-20	yes	4.00	on mkt buy	AUD	ORD 5,184	5,184
BlackRock Advisors (UK) Limited	31-Mar-20	yes	4.00	on mkt buy	AUD	ORD 3,888	3,888
BlackRock Advisors (UK) Limited	31-Mar-20	yes	4.00	on mkt buy	AUD	ORD 458	458
BlackRock Advisors (UK) Limited	31-Mar-20	yes	4.00	on mkt buy	AUD	ORD 1,287	1,287
BlackRock Advisors (UK) Limited	31-Mar-20	yes	4.00	on mkt buy	AUD	ORD 782	782
BlackRock Advisors (UK) Limited	31-Mar-20	yes	4.00	on mkt buy	AUD	ORD 782	782
BlackRock Advisors (UK) Limited	31-Mar-20	yes	4.00	on mkt buy	AUD	ORD 1,998	1,998
BlackRock Investment Management (Australia) Limited	31-Mar-20	yes	4.00	on mkt buy	AUD	ORD 38,569	38,569
BlackRock Advisors (UK) Limited	31-Mar-20	yes	4.00	on mkt buy	AUD	ORD 117,511	117,511
BlackRock Fund Advisors	31-Mar-20	yes	4.00	on mkt buy	AUD	ORD 41,448	41,448
BlackRock Fund Advisors	31-Mar-20	no	n/a	in specie	AUD	ORD 2,355	2,355
BlackRock Fund Advisors	01-Apr-20	no	n/a	in specie	AUD	ORD 12,300	12,300
BlackRock Investment Management (Australia) Limited	01-Apr-20	yes	4.37	on mkt buy	AUD	ORD 5,452	5,452
BlackRock Advisors (UK) Limited	01-Apr-20	yes	4.56	on mkt buy	AUD	ORD 2,622	2,622
BlackRock Advisors (UK) Limited	01-Apr-20	yes	4.56	on mkt buy	AUD	ORD 2,596	2,596
BlackRock Advisors (UK) Limited	01-Apr-20	yes	4.56	on mkt buy	AUD	ORD 784	784
BlackRock Institutional Trust Company, National Association	01-Apr-20	yes	4.56	on mkt buy	AUD	ORD 11,860	11,860
BlackRock Fund Advisors	01-Apr-20	no	n/a	in specie	AUD	ORD 1,413	1,413
BlackRock Investment Management (UK) Limited	02-Apr-20	yes	4.17	on mkt buy	AUD	ORD 4,115	4,115
BlackRock Advisors (UK) Limited	02-Apr-20	yes	4.17	on mkt buy	AUD	ORD 234	234
BlackRock Advisors (UK) Limited	02-Apr-20	yes	4.17	on mkt buy	AUD	ORD 762	762
BlackRock Fund Advisors	03-Apr-20	no	n/a	in specie	AUD	ORD 4,368	4,368
BlackRock Investment Management (Australia) Limited	03-Apr-20	yes	4.08	on mkt buy	AUD	ORD 6,457	6,457
BlackRock Investment Management (Australia) Limited	03-Apr-20	yes	4.08	on mkt buy	AUD	ORD 1,174	1,174
BlackRock Advisors (UK) Limited	03-Apr-20	yes	4.08	on mkt buy	AUD	ORD 85	85
BlackRock Investment Management (Australia) Limited	03-Apr-20	yes	4.08	on mkt buy	AUD	ORD 57,190	57,190
BlackRock Institutional Trust Company, National Association	03-Apr-20	yes	4.08	on mkt buy	AUD	ORD 118,401	118,401
BlackRock Investment Management (Australia) Limited	06-Apr-20	yes	4.34	on mkt buy	AUD	ORD 841	841
BlackRock Advisors (UK) Limited	06-Apr-20	yes	4.34	on mkt buy	AUD	ORD 1,629	1,629
BlackRock Advisors (UK) Limited	06-Apr-20	yes	4.34	on mkt buy	AUD	ORD 580	580
BlackRock Investment Management (UK) Limited	06-Apr-20	yes	4.34	on mkt buy	AUD	ORD 49,595	49,595
BlackRock Fund Advisors	06-Apr-20	no	n/a	in specie	AUD	ORD 9,792	9,792

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	07-Apr-20	yes	4.60	on mkt buy	AUD	ORD	5,870	5,870
BlackRock Advisors (UK) Limited	07-Apr-20	yes	4.61	on mkt buy	AUD	ORD	1,297	1,297
BlackRock Advisors (UK) Limited	07-Apr-20	yes	4.60	on mkt buy	AUD	ORD	39	39
BlackRock Advisors (UK) Limited	07-Apr-20	yes	4.60	on mkt buy	AUD	ORD	150	150
BlackRock Advisors (UK) Limited	07-Apr-20	yes	4.60	on mkt buy	AUD	ORD	3,891	3,891
BlackRock Advisors (UK) Limited	07-Apr-20	yes	4.60	on mkt buy	AUD	ORD	232	232
BlackRock Fund Advisors	07-Apr-20	no	n/a	in specie	AUD	ORD	1,413	1,413
BlackRock Fund Advisors	07-Apr-20	no	n/a	in specie	AUD	ORD	7,344	7,344
BlackRock Fund Advisors	07-Apr-20	no	n/a	in specie	AUD	ORD	3,060	3,060
BlackRock Investment Management (Australia) Limited	08-Apr-20	yes	4.69	on mkt buy	AUD	ORD	26,415	26,415
BlackRock Advisors (UK) Limited	08-Apr-20	yes	4.71	on mkt buy	AUD	ORD	2,598	2,598
BlackRock Investment Management (Australia) Limited	08-Apr-20	yes	4.69	on mkt buy	AUD	ORD	5,283	5,283
BlackRock Advisors (UK) Limited	08-Apr-20	yes	4.69	on mkt buy	AUD	ORD	880	880
BlackRock Advisors (UK) Limited	08-Apr-20	yes	4.69	on mkt buy	AUD	ORD	880	880
BlackRock Investment Management (UK) Limited	08-Apr-20	yes	4.69	on mkt buy	AUD	ORD	34,484	34,484

This is Annexure C of 1 pages referred to in form 603 Notice of initial substantial shareholder

Maria Tricarico,
Authorised Signatory

10-Apr-20
Date

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock 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.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom)
BlackRock Investment Management (Australia) Limited	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)