

Form 603Corporations Act 2001
Section 671B**Notice of initial substantial holder**To Company Name/Scheme ALUMINA LTDACN/ARSN 004 820 419**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 30 / 08 / 2019**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	144,414,262	144,414,262	5.01
ADR 4:1	188	752	0.00

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 03 / 09 / 2019

* 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.

03-Sep-19

Maria Tricarico,
Authorised Signatory

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		ORD126,966	126,966	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.	KAS-KAS BANK - AMSTERDAM		ORD44,569	44,569	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		ORD565,185	565,185	subsidiary of BlackRock Inc.
BlackRock (Singapore) 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 Securities Services Singapore		ORD38,811	38,811	subsidiary of BlackRock Inc.
BlackRock (Singapore) 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		ORD5,823	5,823	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.	BNYM-BONY EUROPE - LONDON		ORD 3,267,617	3,267,617	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		ORD 2,240,918	2,240,918	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		ORD 490,580	490,580	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.	SSB-STATE STREET DUBLIN		ORD 6,446,948	6,446,948	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 49,231	49,231	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.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 9,972	9,972	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 192,939	192,939	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 1,079,132	1,079,132	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 1,388,598	1,388,598	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.	BNYM-CIBC MELLON GLOBAL SECURITIES - NEW YORK		ORD 196,876	196,876	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 8,858	8,858	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 1,440,306	1,440,306	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 13,115	13,115	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-SSB NEW YORK INSTITUTIONAL		ORD 126,072	126,072	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 305,996	305,996	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 26,477	26,477	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 47,921	47,921	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 3,513	3,513	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.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 61,241	61,241	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 729,819	729,819	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 300,281	300,281	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.	Mitsubishi UFJ Investor Services & Banking Lux S.A		ORD 8,649	8,649	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.	NT-NORTHERN TRUST CO. - CHICAGO		ORD 139,999	139,999	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.	NT-NORTHERN TRUST UK		ORD 348,233	348,233	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 422,043	422,043	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 19,117	19,117	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 513,774	513,774	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 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 105,749	105,749	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 35,736,939	35,736,939	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 2,886,702	2,886,702	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 61,054	61,054	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 2,095	2,095	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.	CS-CREDIT SUISSE PRIME BROKERAGE - ZURICH		ORD 6,287	6,287	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 34,639,572	34,639,572	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 405,159	405,159	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.	RBC-ROYAL TRUST - TORONTO		ORD 22,039	22,039	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.	SSB-SSB BOSTON INSTITUTIONAL		ORD	43,850	43,850	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	1,619,552	1,619,552	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	205,565	205,565	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 BANK, BOSTON		ORD	39,743	39,743	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	5,734	5,734	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	35,254	35,254	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	191,174	191,174	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.	NT-NORTHERN TRUST UK		ORD	926,228	926,228	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	2,974,158	2,974,158	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 (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 523,419	523,419	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 7,405,876	7,405,876	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 2,119,350	2,119,350	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.	UBS- UBS- ZURICH		ORD 15,597	15,597	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 1,247,328	1,247,328	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 LON		ORD 70,607	70,607	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 8,092	8,092	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 1,233,686	1,233,686	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-BONY EUROPE - LONDON		ORD 1,274,425	1,274,425	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.	CITI-CITIBANK, LONDON		ORD 2,967,182	2,967,182	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 2,215,583	2,215,583	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 132,983	132,983	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 104,331	104,331	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 414,452	414,452	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.	NT-NORTHERN TRUST UK		ORD 5,463,088	5,463,088	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 129,697	129,697	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 118,578	118,578	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 522,700	522,700	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.	SSB-State Street Bank S.p.A		ORD 18,200	18,200	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 165,126	165,126	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 2,173,644	2,173,644	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 101,993	101,993	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 1,519,690	1,519,690	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.	BOA-MERRILL LYNCH SMA		ADR 4:1 188	752	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 1,523,736	1,523,736	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-JPM CHASE - LONDON		ORD 8,412	8,412	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.	SSB-STATE STREET BANK LUXEMBOURG		ORD 14,701	14,701	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 MUTUAL FUNDS - BOSTON		ORD 106,738	106,738	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 66,705	66,705	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 1,682,713	1,682,713	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 139,136	139,136	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 33,126	33,126	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.	JPM-JPM CHASE - SYDNEY		ORD 193,904	193,904	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 1,217,236	1,217,236	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.	SSB-STATE STREET AUSTRALIA		ORD 852,654	852,654	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 (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 8,063,141	8,063,141	subsidiary of BlackRock Inc.

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

03-Sep-19
Date
Maria Tricarico,
Authorised Signatory

5. Consideration

ALUMINA LTD (AWC)								
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	01-May-19	yes	2.23	on mkt buy	AUD	ORD	3,966	3,966
BlackRock Investment Management (Australia) Limited	01-May-19	yes	2.23	on mkt buy	AUD	ORD	47,037	47,037
BlackRock Fund Advisors	01-May-19	no	n/a	in specie	AUD	ORD	121,462	121,462
BlackRock Investment Management (Australia) Limited	02-May-19	yes	2.20	on mkt buy	AUD	ORD	74,372	74,372
BlackRock Asset Management North Asia Limited	03-May-19	yes	2.24	on mkt buy	AUD	ORD	35,379	35,379
BlackRock Fund Advisors	03-May-19	no	n/a	in specie	AUD	ORD	30,372	30,372
BlackRock Fund Advisors	06-May-19	no	n/a	in specie	AUD	ORD	9,963	9,963
BlackRock Institutional Trust Company, National Association	07-May-19	yes	2.19	on mkt buy	AUD	ORD	108,680	108,680
BlackRock Fund Advisors	07-May-19	no	n/a	in specie	AUD	ORD	14,042	14,042
BlackRock Fund Advisors	07-May-19	no	n/a	in specie	AUD	ORD	24,072	24,072
BLACKROCK FINANCIAL MANAGEMENT, INC.	08-May-19	yes	2.20	on mkt buy	AUD	ORD	297,340	297,340
BlackRock Advisors, LLC	08-May-19	yes	2.20	on mkt buy	AUD	ORD	529,231	529,231
BlackRock Advisors (UK) Limited	08-May-19	yes	2.20	on mkt buy	AUD	ORD	41,903	41,903
BlackRock Institutional Trust Company, National Association	08-May-19	yes	2.20	on mkt buy	AUD	ORD	130,370	130,370
BlackRock Advisors, LLC	08-May-19	yes	2.20	on mkt buy	AUD	ORD	176,476	176,476
BlackRock International Limited	08-May-19	yes	2.20	on mkt buy	AUD	ORD	40,883	40,883
BLACKROCK FINANCIAL MANAGEMENT, INC.	08-May-19	yes	2.20	on mkt buy	AUD	ORD	148,710	148,710
BlackRock Investment Management, LLC	08-May-19	yes	2.20	on mkt buy	AUD	ORD	59,735	59,735
BlackRock Investment Management (Australia) Limited	08-May-19	yes	2.20	on mkt buy	AUD	ORD	28,538	28,538
BlackRock Investment Management (Australia) Limited	08-May-19	yes	2.20	on mkt buy	AUD	ORD	77,738	77,738
BlackRock Advisors (UK) Limited	08-May-19	yes	2.22	on mkt buy	AUD	ORD	351	351
BlackRock Advisors (UK) Limited	08-May-19	yes	2.22	on mkt buy	AUD	ORD	16,272	16,272
BlackRock Advisors (UK) Limited	08-May-19	yes	2.22	on mkt buy	AUD	ORD	4,641	4,641
BlackRock Advisors (UK) Limited	08-May-19	yes	2.22	on mkt buy	AUD	ORD	2,422	2,422
BlackRock Fund Advisors	08-May-19	no	n/a	in specie	AUD	ORD	40,496	40,496
BlackRock Fund Advisors	08-May-19	no	n/a	in specie	AUD	ORD	18,198	18,198
BlackRock Fund Advisors	08-May-19	no	n/a	in specie	AUD	ORD	33,126	33,126
BlackRock Fund Advisors	09-May-19	no	n/a	in specie	AUD	ORD	44,168	44,168
BlackRock Advisors (UK) Limited	10-May-19	yes	2.25	on mkt buy	AUD	ORD	6,327	6,327
BlackRock Fund Advisors	10-May-19	no	n/a	in specie	AUD	ORD	77,294	77,294
BlackRock Fund Advisors	10-May-19	no	n/a	in specie	AUD	ORD	33,126	33,126
BlackRock Fund Advisors	10-May-19	no	n/a	in specie	AUD	ORD	9,960	9,960
BlackRock Fund Advisors	10-May-19	no	n/a	in specie	AUD	ORD	8,154	8,154
BLACKROCK FINANCIAL MANAGEMENT, INC.	13-May-19	yes	2.32	on mkt buy	AUD	ORD	6,149	6,149
BlackRock Fund Advisors	13-May-19	no	n/a	in specie	AUD	ORD	24,564	24,564
BlackRock Fund Advisors	13-May-19	no	n/a	in specie	AUD	ORD	9,960	9,960
BlackRock Japan Co., Ltd.	14-May-19	yes	2.33	on mkt buy	AUD	ORD	22,900	22,900
BlackRock Fund Advisors	14-May-19	no	n/a	in specie	AUD	ORD	7,755	7,755
BlackRock Fund Advisors	14-May-19	no	n/a	in specie	AUD	ORD	33,126	33,126
BlackRock Fund Advisors	15-May-19	no	n/a	in specie	AUD	ORD	29,865	29,865
BlackRock Advisors (UK) Limited	16-May-19	yes	2.42	on mkt buy	AUD	ORD	10,852	10,852
BlackRock Advisors (UK) Limited	20-May-19	yes	2.42	on mkt buy	AUD	ORD	1,047	1,047
BlackRock (Netherlands) B.V.	20-May-19	no	n/a	in specie	AUD	ORD	328,476	328,476
BlackRock Advisors (UK) Limited	21-May-19	yes	2.39	on mkt buy	AUD	ORD	5,471	5,471
BlackRock Advisors, LLC	22-May-19	yes	2.42	on mkt buy	AUD	ORD	35,877	35,877
BLACKROCK FINANCIAL MANAGEMENT, INC.	22-May-19	yes	2.42	on mkt buy	AUD	ORD	14,016	14,016
BlackRock Advisors (UK) Limited	22-May-19	yes	2.42	on mkt buy	AUD	ORD	6,354	6,354
BlackRock Advisors (UK) Limited	22-May-19	yes	2.42	on mkt buy	AUD	ORD	16,383	16,383
BlackRock Investment Management (UK) Limited	22-May-19	yes	2.42	on mkt buy	AUD	ORD	172,993	172,993
BlackRock Fund Advisors	22-May-19	no	n/a	in specie	AUD	ORD	29,985	29,985
BlackRock Fund Advisors	22-May-19	no	n/a	in specie	AUD	ORD	59,970	59,970

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	22-May-19	no	n/a	in specie	AUD	ORD	72,079	72,079
BlackRock Institutional Trust Company, National Association	22-May-19	no	n/a	in specie	AUD	ORD	14,461	14,461
BlackRock Investment Management (UK) Limited	28-May-19	yes	2.44	on mkt buy	AUD	ORD	10,324	10,324
BlackRock Investment Management (UK) Limited	28-May-19	yes	2.44	on mkt buy	AUD	ORD	30,972	30,972
BlackRock Asset Management Canada Limited	28-May-19	yes	2.44	on mkt buy	AUD	ORD	64,238	64,238
BlackRock Asset Management Canada Limited	28-May-19	yes	2.44	on mkt buy	AUD	ORD	21,415	21,415
BlackRock Institutional Trust Company, National Association	28-May-19	yes	2.44	on mkt buy	AUD	ORD	10,524	10,524
BlackRock Institutional Trust Company, National Association	28-May-19	yes	2.44	on mkt buy	AUD	ORD	31,572	31,572
BlackRock International Limited	28-May-19	yes	2.44	on mkt buy	AUD	ORD	8,677	8,677
BlackRock International Limited	28-May-19	yes	2.44	on mkt buy	AUD	ORD	26,035	26,035
BLACKROCK FINANCIAL MANAGEMENT, INC.	28-May-19	yes	2.44	on mkt buy	AUD	ORD	6,523	6,523
BLACKROCK FINANCIAL MANAGEMENT, INC.	28-May-19	yes	2.44	on mkt buy	AUD	ORD	2,174	2,174
BlackRock Fund Advisors	28-May-19	yes	2.44	on mkt buy	AUD	ORD	16,970	16,970
BlackRock Fund Advisors	28-May-19	yes	2.44	on mkt buy	AUD	ORD	50,902	50,902
BlackRock Advisors (UK) Limited	28-May-19	yes	2.44	on mkt buy	AUD	ORD	32,740	32,740
BlackRock Advisors (UK) Limited	28-May-19	yes	2.44	on mkt buy	AUD	ORD	98,210	98,210
BlackRock Asset Management Canada Limited	28-May-19	yes	2.44	on mkt buy	AUD	ORD	257	257
BlackRock Asset Management Canada Limited	28-May-19	yes	2.44	on mkt buy	AUD	ORD	774	774
BlackRock Fund Advisors	28-May-19	yes	2.44	on mkt buy	AUD	ORD	14,170	14,170
BlackRock Fund Advisors	28-May-19	yes	2.44	on mkt buy	AUD	ORD	42,507	42,507
BlackRock Institutional Trust Company, National Association	28-May-19	yes	2.44	on mkt buy	AUD	ORD	2,375	2,375
BlackRock Institutional Trust Company, National Association	28-May-19	yes	2.44	on mkt buy	AUD	ORD	7,130	7,130
BlackRock Institutional Trust Company, National Association	28-May-19	yes	2.44	on mkt buy	AUD	ORD	2,592	2,592
BlackRock Institutional Trust Company, National Association	28-May-19	yes	2.44	on mkt buy	AUD	ORD	7,780	7,780
BlackRock Investment Management (UK) Limited	28-May-19	yes	2.44	on mkt buy	AUD	ORD	185,391	185,391
BlackRock Investment Management (UK) Limited	28-May-19	yes	2.44	on mkt buy	AUD	ORD	61,804	61,804
BlackRock Institutional Trust Company, National Association	28-May-19	yes	2.44	on mkt buy	AUD	ORD	8,471	8,471
BlackRock Institutional Trust Company, National Association	28-May-19	yes	2.44	on mkt buy	AUD	ORD	25,415	25,415
BLACKROCK FINANCIAL MANAGEMENT, INC.	28-May-19	yes	2.44	on mkt buy	AUD	ORD	10,348	10,348
BLACKROCK FINANCIAL MANAGEMENT, INC.	28-May-19	yes	2.44	on mkt buy	AUD	ORD	3,448	3,448
BlackRock Advisors (UK) Limited	29-May-19	yes	2.41	on mkt buy	AUD	ORD	5,490	5,490
BlackRock Advisors (UK) Limited	31-May-19	yes	2.39	on mkt buy	AUD	ORD	1,042	1,042
BlackRock Advisors (UK) Limited	31-May-19	yes	2.39	on mkt buy	AUD	ORD	34,217	34,217
BlackRock Advisors (UK) Limited	04-Jun-19	yes	2.40	on mkt buy	AUD	ORD	6,510	6,510
BlackRock Institutional Trust Company, National Association	04-Jun-19	yes	2.40	on mkt buy	AUD	ORD	54,015	54,015
BlackRock Institutional Trust Company, National Association	05-Jun-19	no	n/a	in specie	AUD	ORD	13,693	13,693
BlackRock Fund Advisors	05-Jun-19	no	n/a	in specie	AUD	ORD	45,609	45,609
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	2.40	on mkt buy	AUD	ORD	200,984	200,984
BlackRock Advisors (UK) Limited	06-Jun-19	yes	2.40	on mkt buy	AUD	ORD	5,523	5,523
BlackRock Advisors (UK) Limited	06-Jun-19	yes	2.40	on mkt buy	AUD	ORD	16,569	16,569
BlackRock Advisors (UK) Limited	07-Jun-19	yes	2.41	on mkt buy	AUD	ORD	22,087	22,087
BlackRock Fund Advisors	07-Jun-19	yes	2.41	on mkt buy	AUD	ORD	53,396	53,396
BlackRock Investment Management (Australia) Limited	07-Jun-19	yes	2.41	on mkt buy	AUD	ORD	6,603	6,603
BlackRock Japan Co., Ltd.	11-Jun-19	yes	2.41	on mkt buy	AUD	ORD	18,013	18,013
BlackRock Advisors (UK) Limited	11-Jun-19	yes	2.41	on mkt buy	AUD	ORD	5,256	5,256
BlackRock Advisors (UK) Limited	11-Jun-19	yes	2.41	on mkt buy	AUD	ORD	5,256	5,256
BlackRock Fund Advisors	11-Jun-19	no	n/a	in specie	AUD	ORD	11,310	11,310
BlackRock Investment Management (UK) Limited	12-Jun-19	yes	2.41	on mkt buy	AUD	ORD	166,931	166,931
BlackRock Advisors, LLC	12-Jun-19	yes	2.42	on mkt buy	AUD	ORD	15,921	15,921

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			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	12-Jun-19	yes	2.43	on mkt buy	AUD	ORD	28,133	28,133
BlackRock Advisors (UK) Limited	12-Jun-19	yes	2.43	on mkt buy	AUD	ORD	5,579	5,579
BlackRock Advisors (UK) Limited	12-Jun-19	yes	2.43	on mkt buy	AUD	ORD	1,314	1,314
BlackRock Advisors (UK) Limited	12-Jun-19	yes	2.43	on mkt buy	AUD	ORD	50,490	50,490
BlackRock Institutional Trust Company, National Association	13-Jun-19	yes	2.41	on mkt buy	AUD	ORD	7,098	7,098
BlackRock Investment Management (Australia) Limited	13-Jun-19	yes	2.41	on mkt buy	AUD	ORD	5,227	5,227
BlackRock Institutional Trust Company, National Association	13-Jun-19	no	n/a	in specie	AUD	ORD	53,971	53,971
BlackRock Institutional Trust Company, National Association	13-Jun-19	yes	2.39	on mkt buy	AUD	ORD	80,459	80,459
BlackRock Institutional Trust Company, National Association	13-Jun-19	yes	2.39	on mkt buy	AUD	ORD	35,192	35,192
BlackRock Institutional Trust Company, National Association	14-Jun-19	yes	2.43	on mkt buy	AUD	ORD	1,357	1,357
BlackRock Investment Management (UK) Limited	14-Jun-19	yes	2.41	on mkt buy	AUD	ORD	24,933	24,933
BlackRock Investment Management (Australia) Limited	14-Jun-19	yes	2.43	on mkt buy	AUD	ORD	59,663	59,663
BlackRock Investment Management (Australia) Limited	14-Jun-19	yes	2.43	on mkt buy	AUD	ORD	161,608	161,608
BlackRock Investment Management (Australia) Limited	14-Jun-19	yes	2.43	on mkt buy	AUD	ORD	496,518	496,518
BlackRock Advisors (UK) Limited	17-Jun-19	yes	2.40	on mkt buy	AUD	ORD	758	758
BlackRock Investment Management (Australia) Limited	18-Jun-19	yes	2.41	on mkt buy	AUD	ORD	6,353	6,353
BlackRock Fund Advisors	18-Jun-19	no	n/a	in specie	AUD	ORD	18,172	18,172
BlackRock Investment Management (Australia) Limited	19-Jun-19	yes	2.45	on mkt buy	AUD	ORD	18,781	18,781
BlackRock Advisors (UK) Limited	19-Jun-19	yes	2.45	on mkt buy	AUD	ORD	358	358
BlackRock Institutional Trust Company, National Association	20-Jun-19	yes	2.45	on mkt buy	AUD	ORD	1,270	1,270
BlackRock Advisors (UK) Limited	20-Jun-19	yes	2.44	on mkt buy	AUD	ORD	4,925	4,925
BlackRock Advisors (UK) Limited	21-Jun-19	yes	2.37	on mkt buy	AUD	ORD	3,956	3,956
BlackRock Investment Management (UK) Limited	21-Jun-19	yes	2.37	on mkt buy	AUD	ORD	92,096	92,096
BlackRock Investment Management (UK) Limited	21-Jun-19	yes	2.37	on mkt buy	AUD	ORD	30,698	30,698
BlackRock Investment Management (Australia) Limited	21-Jun-19	yes	2.37	on mkt buy	AUD	ORD	8,371	8,371
BlackRock Investment Management (Australia) Limited	21-Jun-19	yes	2.37	on mkt buy	AUD	ORD	25,111	25,111
BLACKROCK FINANCIAL MANAGEMENT, INC.	21-Jun-19	yes	2.37	on mkt buy	AUD	ORD	7,257	7,257
BLACKROCK FINANCIAL MANAGEMENT, INC.	21-Jun-19	yes	2.37	on mkt buy	AUD	ORD	2,417	2,417
BlackRock Institutional Trust Company, National Association	21-Jun-19	yes	2.37	on mkt buy	AUD	ORD	160,448	160,448
BlackRock Institutional Trust Company, National Association	21-Jun-19	yes	2.37	on mkt buy	AUD	ORD	53,483	53,483
BlackRock Fund Advisors	21-Jun-19	no	n/a	in specie	AUD	ORD	21,920	21,920
BlackRock Institutional Trust Company, National Association	24-Jun-19	yes	2.40	on mkt buy	AUD	ORD	1,119	1,119
BlackRock Advisors (UK) Limited	24-Jun-19	yes	2.42	on mkt buy	AUD	ORD	5,952	5,952
BlackRock Fund Advisors	24-Jun-19	no	n/a	in specie	AUD	ORD	14,385	14,385
BlackRock Asset Management Canada Limited	24-Jun-19	yes	2.42	on mkt buy	AUD	ORD	45,475	45,475
BlackRock Investment Management (Australia) Limited	25-Jun-19	yes	2.43	on mkt buy	AUD	ORD	83,257	83,257
BlackRock Advisors (UK) Limited	25-Jun-19	yes	2.43	on mkt buy	AUD	ORD	984	984
BlackRock Institutional Trust Company, National Association	26-Jun-19	yes	2.44	on mkt buy	AUD	ORD	829	829
BlackRock Investment Management (UK) Limited	26-Jun-19	yes	2.45	on mkt buy	AUD	ORD	9,999	9,999
BlackRock Advisors (UK) Limited	26-Jun-19	yes	2.44	on mkt buy	AUD	ORD	41,016	41,016
BlackRock (Netherlands) B.V.	26-Jun-19	yes	2.44	on mkt buy	AUD	ORD	2,704	2,704
BlackRock Investment Management (Australia) Limited	27-Jun-19	yes	2.38	on mkt buy	AUD	ORD	13,725	13,725
BlackRock Investment Management (Australia) Limited	27-Jun-19	yes	2.37	on mkt buy	AUD	ORD	28,133	28,133
BlackRock Advisors (UK) Limited	28-Jun-19	yes	2.33	on mkt buy	AUD	ORD	363	363
BlackRock Fund Advisors	28-Jun-19	no	n/a	in specie	AUD	ORD	23,582	23,582
BlackRock Fund Advisors	28-Jun-19	no	n/a	in specie	AUD	ORD	8,905	8,905

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			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	01-Jul-19	yes	2.37	on mkt buy	AUD	ORD	27,835	27,835
BlackRock Investment Management (Australia) Limited	01-Jul-19	yes	2.37	on mkt buy	AUD	ORD	27,835	27,835
BlackRock Investment Management (Australia) Limited	02-Jul-19	yes	2.40	on mkt buy	AUD	ORD	45,067	45,067
BlackRock Investment Management (UK) Limited	03-Jul-19	yes	2.41	on mkt buy	AUD	ORD	3,361	3,361
BlackRock Advisors (UK) Limited	03-Jul-19	yes	2.40	on mkt buy	AUD	ORD	3,820	3,820
BlackRock Investment Management (Australia) Limited	04-Jul-19	yes	2.36	on mkt buy	AUD	ORD	29,369	29,369
BlackRock Advisors (UK) Limited	05-Jul-19	yes	2.35	on mkt buy	AUD	ORD	5,633	5,633
BlackRock Advisors (UK) Limited	05-Jul-19	yes	2.35	on mkt buy	AUD	ORD	1,524	1,524
BlackRock (Singapore) Limited	05-Jul-19	yes	2.35	on mkt buy	AUD	ORD	17,485	17,485
BlackRock Investment Management (Australia) Limited	08-Jul-19	yes	2.34	on mkt buy	AUD	ORD	27,804	27,804
BlackRock Advisors (UK) Limited	08-Jul-19	yes	2.34	on mkt buy	AUD	ORD	5,622	5,622
BlackRock Fund Advisors	08-Jul-19	yes	2.34	on mkt buy	AUD	ORD	26,185	26,185
BlackRock Japan Co., Ltd.	09-Jul-19	yes	2.29	on mkt buy	AUD	ORD	11,382	11,382
BLACKROCK FINANCIAL MANAGEMENT, INC.	10-Jul-19	yes	2.31	on mkt buy	AUD	ORD	62,524	62,524
BlackRock Advisors, LLC	10-Jul-19	yes	2.31	on mkt buy	AUD	ORD	148,644	148,644
BlackRock Advisors (UK) Limited	10-Jul-19	yes	2.31	on mkt buy	AUD	ORD	15,282	15,282
BlackRock Institutional Trust Company, National Association	10-Jul-19	yes	2.31	on mkt buy	AUD	ORD	36,752	36,752
BlackRock Advisors, LLC	10-Jul-19	yes	2.31	on mkt buy	AUD	ORD	52,832	52,832
BlackRock International Limited	10-Jul-19	yes	2.31	on mkt buy	AUD	ORD	16,735	16,735
BLACKROCK FINANCIAL MANAGEMENT, INC.	10-Jul-19	yes	2.31	on mkt buy	AUD	ORD	57,268	57,268
BlackRock Investment Management, LLC	10-Jul-19	yes	2.31	on mkt buy	AUD	ORD	17,550	17,550
BlackRock Investment Management (UK) Limited	10-Jul-19	yes	2.31	on mkt buy	AUD	ORD	1,990	1,990
BlackRock Investment Management (Australia) Limited	10-Jul-19	yes	2.30	on mkt buy	AUD	ORD	12,380	12,380
BlackRock Investment Management (UK) Limited	10-Jul-19	yes	2.30	on mkt buy	AUD	ORD	419,549	419,549
BlackRock Fund Advisors	10-Jul-19	no	n/a	in specie	AUD	ORD	11,136	11,136
BlackRock Advisors (UK) Limited	11-Jul-19	yes	2.30	on mkt buy	AUD	ORD	370	370
BlackRock Fund Advisors	11-Jul-19	no	n/a	in specie	AUD	ORD	11,136	11,136
BlackRock Investment Management (Australia) Limited	12-Jul-19	yes	2.29	on mkt buy	AUD	ORD	32,136	32,136
BlackRock Advisors (UK) Limited	12-Jul-19	yes	2.29	on mkt buy	AUD	ORD	8,016	8,016
BlackRock Fund Advisors	12-Jul-19	no	n/a	in specie	AUD	ORD	10,384	10,384
BlackRock Asset Management Canada Limited	15-Jul-19	yes	2.26	on mkt buy	AUD	ORD	61,894	61,894
BlackRock Advisors (UK) Limited	16-Jul-19	yes	2.19	on mkt buy	AUD	ORD	11,266	11,266
BlackRock Fund Advisors	16-Jul-19	no	n/a	in specie	AUD	ORD	21,235	21,235
BlackRock Investment Management (Australia) Limited	17-Jul-19	yes	2.20	on mkt buy	AUD	ORD	231,760	231,760
BlackRock Investment Management (UK) Limited	17-Jul-19	yes	2.20	on mkt buy	AUD	ORD	35,669	35,669
BlackRock Investment Management (UK) Limited	17-Jul-19	yes	2.21	on mkt buy	AUD	ORD	2,839	2,839
BlackRock Advisors (UK) Limited	17-Jul-19	yes	2.20	on mkt buy	AUD	ORD	11,808	11,808
BlackRock Institutional Trust Company, National Association	18-Jul-19	yes	2.19	on mkt buy	AUD	ORD	6,129	6,129
BlackRock Investment Management (Australia) Limited	18-Jul-19	yes	2.19	on mkt buy	AUD	ORD	5,658	5,658
BlackRock Investment Management (Australia) Limited	18-Jul-19	yes	2.19	on mkt buy	AUD	ORD	27,876	27,876
BlackRock Advisors (UK) Limited	18-Jul-19	yes	2.19	on mkt buy	AUD	ORD	5,634	5,634
BlackRock Advisors (UK) Limited	18-Jul-19	yes	2.19	on mkt buy	AUD	ORD	11,268	11,268
BlackRock Institutional Trust Company, National Association	18-Jul-19	yes	2.19	on mkt buy	AUD	ORD	101,736	101,736
BlackRock Institutional Trust Company, National Association	19-Jul-19	yes	2.24	on mkt buy	AUD	ORD	26,328	26,328
BlackRock Investment Management (Australia) Limited	19-Jul-19	yes	2.24	on mkt buy	AUD	ORD	27,876	27,876
BlackRock Advisors (UK) Limited	19-Jul-19	yes	2.24	on mkt buy	AUD	ORD	73,268	73,268
BlackRock Institutional Trust Company, National Association	19-Jul-19	yes	2.24	on mkt buy	AUD	ORD	26,275	26,275
BlackRock Fund Advisors	19-Jul-19	no	n/a	in specie	AUD	ORD	8,196	8,196
BlackRock Fund Advisors	19-Jul-19	no	n/a	in specie	AUD	ORD	33,171	33,171
BlackRock Institutional Trust Company, National Association	22-Jul-19	yes	2.27	on mkt buy	AUD	ORD	4,808	4,808

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			Cash	Non-cash	CCY		
BlackRock Investment Management (UK) Limited	22-Jul-19	no	n/a	in specie	AUD	ORD 1,868,384	1,868,384
BlackRock Investment Management (Australia) Limited	23-Jul-19	yes	2.30	on mkt buy	AUD	ORD 7,504	7,504
BLACKROCK FINANCIAL MANAGEMENT, INC.	23-Jul-19	yes	2.30	on mkt buy	AUD	ORD 49,764	49,764
BlackRock Institutional Trust Company, National Association	23-Jul-19	yes	2.30	on mkt buy	AUD	ORD 45,028	45,028
BlackRock Advisors (UK) Limited	23-Jul-19	yes	2.32	on mkt buy	AUD	ORD 638	638
BlackRock Advisors (UK) Limited	23-Jul-19	yes	2.32	on mkt buy	AUD	ORD 1,448	1,448
BLACKROCK FINANCIAL MANAGEMENT, INC.	24-Jul-19	yes	2.35	on mkt buy	AUD	ORD 91,095	91,095
BlackRock Advisors, LLC	24-Jul-19	yes	2.35	on mkt buy	AUD	ORD 38,418	38,418
BlackRock Institutional Trust Company, National Association	24-Jul-19	yes	2.35	on mkt buy	AUD	ORD 5,037	5,037
BlackRock Advisors, LLC	24-Jul-19	yes	2.35	on mkt buy	AUD	ORD 7,652	7,652
BlackRock International Limited	24-Jul-19	yes	2.35	on mkt buy	AUD	ORD 3,774	3,774
BLACKROCK FINANCIAL MANAGEMENT, INC.	24-Jul-19	yes	2.35	on mkt buy	AUD	ORD 17,996	17,996
BlackRock Investment Management, LLC	24-Jul-19	yes	2.35	on mkt buy	AUD	ORD 29,858	29,858
BlackRock Institutional Trust Company, National Association	24-Jul-19	yes	2.35	on mkt buy	AUD	ORD 9,085	9,085
BlackRock Investment Management (UK) Limited	24-Jul-19	yes	2.36	on mkt buy	AUD	ORD 1,326	1,326
BlackRock Advisors (UK) Limited	24-Jul-19	yes	2.34	on mkt buy	AUD	ORD 5,663	5,663
BlackRock Investment Management (Australia) Limited	24-Jul-19	yes	2.34	on mkt buy	AUD	ORD 18,746	18,746
BlackRock Institutional Trust Company, National Association	25-Jul-19	yes	2.35	on mkt buy	AUD	ORD 874	874
BlackRock Investment Management (UK) Limited	25-Jul-19	yes	2.35	on mkt buy	AUD	ORD 11,262	11,262
BlackRock Fund Advisors	25-Jul-19	no	n/a	in specie	AUD	ORD 16,326	16,326
BlackRock Fund Advisors	25-Jul-19	no	n/a	in specie	AUD	ORD 44,228	44,228
BlackRock Institutional Trust Company, National Association	26-Jul-19	yes	2.35	on mkt buy	AUD	ORD 1,534	1,534
BlackRock Advisors (UK) Limited	26-Jul-19	yes	2.35	on mkt buy	AUD	ORD 10,464	10,464
BlackRock Advisors (UK) Limited	29-Jul-19	yes	2.37	on mkt buy	AUD	ORD 5,675	5,675
BlackRock Advisors (UK) Limited	29-Jul-19	yes	2.37	on mkt buy	AUD	ORD 5,666	5,666
BlackRock Advisors (UK) Limited	29-Jul-19	yes	2.37	on mkt buy	AUD	ORD 1,956	1,956
BlackRock Advisors (UK) Limited	29-Jul-19	yes	2.37	on mkt buy	AUD	ORD 5,216	5,216
BlackRock Fund Advisors	29-Jul-19	no	n/a	in specie	AUD	ORD 11,136	11,136
BlackRock Institutional Trust Company, National Association	30-Jul-19	no	n/a	in specie	AUD	ORD 8,422	8,422
BlackRock Investment Management (Australia) Limited	30-Jul-19	yes	2.37	on mkt buy	AUD	ORD 12,483	12,483
BlackRock Advisors (UK) Limited	30-Jul-19	yes	2.35	on mkt buy	AUD	ORD 1,287	1,287
BlackRock Advisors (UK) Limited	30-Jul-19	yes	2.35	on mkt buy	AUD	ORD 1,328	1,328
BlackRock Advisors (UK) Limited	30-Jul-19	yes	2.35	on mkt buy	AUD	ORD 1,528	1,528
BlackRock Advisors (UK) Limited	31-Jul-19	yes	2.34	on mkt buy	AUD	ORD 5,620	5,620
BlackRock Advisors (UK) Limited	31-Jul-19	yes	2.34	on mkt buy	AUD	ORD 6,300	6,300
BlackRock Investment Management (Australia) Limited	01-Aug-19	yes	2.31	on mkt buy	AUD	ORD 16,865	16,865
BlackRock Institutional Trust Company, National Association	02-Aug-19	yes	2.26	on mkt buy	AUD	ORD 3,324	3,324
BlackRock Investment Management (Australia) Limited	02-Aug-19	yes	2.26	on mkt buy	AUD	ORD 16,865	16,865
BlackRock Institutional Trust Company, National Association	02-Aug-19	yes	2.26	on mkt buy	AUD	ORD 164,093	164,093
BlackRock Institutional Trust Company, National Association	05-Aug-19	yes	2.23	on mkt buy	AUD	ORD 5,839	5,839
BlackRock Investment Management (Australia) Limited	05-Aug-19	yes	2.22	on mkt buy	AUD	ORD 16,865	16,865
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.18	on mkt buy	AUD	ORD 1,317	1,317
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.18	on mkt buy	AUD	ORD 11,931	11,931
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD 5,949	5,949
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD 16,395	16,395
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD 10,403	10,403
BlackRock Advisors (UK) Limited	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD 13,780	13,780
BlackRock Advisors, LLC	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD 32,039	32,039
BlackRock Advisors, LLC	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD 4,874	4,874

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.	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	3,249	3,249
BlackRock Asset Management Canada Limited	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	6,311	6,311
BlackRock Investment Management, LLC	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	4,111	4,111
BlackRock International Limited	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	13,352	13,352
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	122,828	122,828
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	8,916	8,916
BlackRock Advisors, LLC	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	10,525	10,525
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	195,300	195,300
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	32,027	32,027
BlackRock Advisors (UK) Limited	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	21,252	21,252
BlackRock Advisors (UK) Limited	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	17,009	17,009
BLACKROCK FINANCIAL MANAGEMENT, INC.	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	9,809	9,809
BlackRock Asset Management Canada Limited	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	38,627	38,627
BlackRock Investment Management, LLC	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	3,407	3,407
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	75,451	75,451
BlackRock Investment Management (Australia) Limited	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	18,746	18,746
BlackRock Advisors (UK) Limited	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	5,632	5,632
BlackRock Japan Co., Ltd.	06-Aug-19	yes	2.19	on mkt buy	AUD	ORD	34,657	34,657
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	778	778
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	7,040	7,040
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	6,223	6,223
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	17,145	17,145
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	10,881	10,881
BlackRock Advisors (UK) Limited	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	14,411	14,411
BlackRock Advisors, LLC	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	33,506	33,506
BlackRock Advisors, LLC	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	5,098	5,098
BLACKROCK FINANCIAL MANAGEMENT, INC.	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	3,399	3,399
BlackRock Asset Management Canada Limited	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	6,601	6,601
BlackRock Investment Management, LLC	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	4,301	4,301
BlackRock International Limited	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	13,964	13,964
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	128,453	128,453
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	9,325	9,325
BlackRock Advisors, LLC	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	11,008	11,008
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	204,242	204,242
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	33,493	33,493
BlackRock Advisors (UK) Limited	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	22,225	22,225
BlackRock Advisors (UK) Limited	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	17,788	17,788
BLACKROCK FINANCIAL MANAGEMENT, INC.	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	10,260	10,260
BlackRock Asset Management Canada Limited	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	40,395	40,395
BlackRock Investment Management, LLC	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	3,564	3,564
BlackRock Institutional Trust Company, National Association	06-Aug-19	yes	2.20	on mkt buy	AUD	ORD	78,907	78,907
BlackRock Institutional Trust Company, National Association	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	1,985	1,985
BlackRock Investment Management, LLC	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	14,701	14,701
BlackRock Institutional Trust Company, National Association	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	9,146	9,146
BlackRock Institutional Trust Company, National Association	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	4,695	4,695
BlackRock Investment Management (UK) Limited	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	4,607	4,607
BlackRock Japan Co., Ltd.	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	39,501	39,501
BlackRock Japan Co., Ltd.	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	60,288	60,288

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BlackRock Japan Co., Ltd.	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	37,148	37,148
BlackRock Japan Co., Ltd.	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	29,616	29,616
BlackRock Investment Management (UK) Limited	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	18,200	18,200
BlackRock Advisors (UK) Limited	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	73,655	73,655
BlackRock Investment Management, LLC	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	10,696	10,696
BlackRock Institutional Trust Company, National Association	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	7,135	7,135
BLACKROCK FINANCIAL MANAGEMENT, INC.	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	8,649	8,649
BlackRock Advisors (UK) Limited	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	370	370
BlackRock Investment Management, LLC	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	9,456	9,456
BlackRock Investment Management (Australia) Limited	07-Aug-19	yes	2.18	on mkt buy	AUD	ORD	7,597	7,597
BlackRock Institutional Trust Company, National Association	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	5,480	5,480
BlackRock Institutional Trust Company, National Association	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	10,783	10,783
BlackRock Institutional Trust Company, National Association	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	24,054	24,054
BlackRock Institutional Trust Company, National Association	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	14,507	14,507
BlackRock Advisors (UK) Limited	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	23,036	23,036
BlackRock Advisors, LLC	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	69,117	69,117
BlackRock Asset Management Canada Limited	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	11,369	11,369
BlackRock International Limited	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	26,208	26,208
BlackRock Institutional Trust Company, National Association	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	118,559	118,559
BlackRock Institutional Trust Company, National Association	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	16,233	16,233
BlackRock Advisors, LLC	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	14,641	14,641
BlackRock Institutional Trust Company, National Association	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	306,469	306,469
BlackRock Institutional Trust Company, National Association	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	46,802	46,802
BlackRock Advisors (UK) Limited	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	37,103	37,103
BlackRock Advisors (UK) Limited	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	29,431	29,431
BLACKROCK FINANCIAL MANAGEMENT, INC.	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	14,532	14,532
BlackRock Asset Management Canada Limited	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	59,273	59,273
BlackRock Institutional Trust Company, National Association	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	79,685	79,685
BlackRock Institutional Trust Company, National Association	08-Aug-19	yes	2.22	on mkt buy	AUD	ORD	19,980	19,980
BlackRock Investment Management (Australia) Limited	08-Aug-19	yes	2.23	on mkt buy	AUD	ORD	5,477	5,477
BlackRock Fund Advisors	08-Aug-19	no	n/a	in specie	AUD	ORD	11,136	11,136
BlackRock Institutional Trust Company, National Association	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	4,930	4,930
BlackRock Institutional Trust Company, National Association	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	17,591	17,591
BlackRock Institutional Trust Company, National Association	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	8,868	8,868
BlackRock Advisors (UK) Limited	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	10,955	10,955
BlackRock Advisors, LLC	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	47,605	47,605
BlackRock International Limited	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	21,269	21,269
BlackRock Institutional Trust Company, National Association	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	112,767	112,767
BlackRock Institutional Trust Company, National Association	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	13,839	13,839
BlackRock Advisors, LLC	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	9,444	9,444
BlackRock Institutional Trust Company, National Association	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	231,675	231,675
BlackRock Institutional Trust Company, National Association	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	32,700	32,700
BlackRock Advisors (UK) Limited	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	24,186	24,186
BlackRock Advisors (UK) Limited	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	19,185	19,185
BLACKROCK FINANCIAL MANAGEMENT, INC.	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	8,465	8,465
BlackRock Asset Management Canada Limited	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	46,478	46,478
BlackRock Institutional Trust Company, National Association	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	63,788	63,788

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BlackRock Institutional Trust Company, National Association	09-Aug-19	yes	2.30	on mkt buy	AUD	ORD	19,625	19,625
BlackRock Investment Management (Australia) Limited	09-Aug-19	yes	2.28	on mkt buy	AUD	ORD	21,424	21,424
BlackRock Investment Management (Australia) Limited	09-Aug-19	yes	2.28	on mkt buy	AUD	ORD	16,896	16,896
BlackRock Advisors (UK) Limited	09-Aug-19	yes	2.28	on mkt buy	AUD	ORD	18,978	18,978
BlackRock Investment Management (Australia) Limited	09-Aug-19	yes	2.28	on mkt buy	AUD	ORD	62,993	62,993
BlackRock Investment Management (Australia) Limited	09-Aug-19	yes	2.28	on mkt buy	AUD	ORD	23,882	23,882
BlackRock Institutional Trust Company, National Association	12-Aug-19	yes	2.26	on mkt buy	AUD	ORD	1,635	1,635
BlackRock Advisors, LLC	13-Aug-19	yes	2.28	on mkt buy	AUD	ORD	10,672	10,672
BlackRock Institutional Trust Company, National Association	13-Aug-19	yes	2.28	on mkt buy	AUD	ORD	63,414	63,414
BlackRock Institutional Trust Company, National Association	13-Aug-19	yes	2.28	on mkt buy	AUD	ORD	8,589	8,589
BlackRock Institutional Trust Company, National Association	13-Aug-19	yes	2.28	on mkt buy	AUD	ORD	76,596	76,596
BlackRock Institutional Trust Company, National Association	13-Aug-19	yes	2.28	on mkt buy	AUD	ORD	9,819	9,819
BlackRock Asset Management Canada Limited	13-Aug-19	yes	2.28	on mkt buy	AUD	ORD	12,103	12,103
BlackRock Advisors (UK) Limited	13-Aug-19	yes	2.27	on mkt buy	AUD	ORD	5,643	5,643
BlackRock Advisors (UK) Limited	13-Aug-19	yes	2.27	on mkt buy	AUD	ORD	16,929	16,929
BlackRock Asset Management Canada Limited	13-Aug-19	no	n/a	in specie	AUD	ORD	42,453	42,453
BlackRock Investment Management, LLC	14-Aug-19	yes	2.29	on mkt buy	AUD	ORD	8,255	8,255
BlackRock Investment Management (Australia) Limited	14-Aug-19	yes	2.31	on mkt buy	AUD	ORD	33,792	33,792
BlackRock Japan Co., Ltd.	14-Aug-19	yes	2.30	on mkt buy	AUD	ORD	9,731	9,731
BlackRock Institutional Trust Company, National Association	14-Aug-19	yes	2.30	on mkt buy	AUD	ORD	4,001	4,001
BlackRock Investment Management (Australia) Limited	15-Aug-19	yes	2.29	on mkt buy	AUD	ORD	49,196	49,196
BlackRock Fund Advisors	15-Aug-19	no	n/a	in specie	AUD	ORD	29,304	29,304
BlackRock Fund Advisors	15-Aug-19	no	n/a	in specie	AUD	ORD	26,020	26,020
BlackRock Fund Advisors	15-Aug-19	no	n/a	in specie	AUD	ORD	3,712	3,712
BlackRock Fund Advisors	16-Aug-19	no	n/a	in specie	AUD	ORD	8,154	8,154
BlackRock Investment Management (UK) Limited	19-Aug-19	yes	2.20	on mkt buy	AUD	ORD	38,526	38,526
BlackRock Institutional Trust Company, National Association	19-Aug-19	yes	2.19	on mkt buy	AUD	ORD	44,040	44,040
BlackRock Asset Management Canada Limited	19-Aug-19	yes	2.19	on mkt buy	AUD	ORD	33,729	33,729
BlackRock Investment Management (Australia) Limited	20-Aug-19	yes	2.16	on mkt buy	AUD	ORD	21,424	21,424
BlackRock Fund Advisors	20-Aug-19	no	n/a	in specie	AUD	ORD	34,188	34,188
BlackRock Investment Management (Australia) Limited	21-Aug-19	yes	2.16	on mkt buy	AUD	ORD	47,174	47,174
BlackRock Investment Management (Australia) Limited	21-Aug-19	yes	2.16	on mkt buy	AUD	ORD	59,863	59,863
BlackRock Investment Management (Australia) Limited	21-Aug-19	yes	2.16	on mkt buy	AUD	ORD	8,034	8,034
BlackRock Advisors (UK) Limited	21-Aug-19	yes	2.16	on mkt buy	AUD	ORD	5,744	5,744
BlackRock Fund Advisors	22-Aug-19	no	n/a	in specie	AUD	ORD	43,956	43,956
BlackRock Investment Management, LLC	22-Aug-19	no	n/a	in specie	USD	ADR 4:1	40	160
BlackRock Investment Management (Australia) Limited	23-Aug-19	yes	2.16	on mkt buy	AUD	ORD	13,390	13,390
BlackRock Fund Advisors	26-Aug-19	no	n/a	in specie	AUD	ORD	7,424	7,424
BlackRock Fund Advisors	26-Aug-19	no	n/a	in specie	AUD	ORD	7,424	7,424
BlackRock Fund Advisors	27-Aug-19	yes	2.14	on mkt buy	AUD	ORD	30,886	30,886
BlackRock Investment Management (Australia) Limited	27-Aug-19	yes	2.16	on mkt buy	AUD	ORD	16,896	16,896
BlackRock Institutional Trust Company, National Association	27-Aug-19	yes	2.16	on mkt buy	AUD	ORD	67,259	67,259
BLACKROCK FINANCIAL MANAGEMENT, INC.	28-Aug-19	no	n/a	in specie	AUD	ORD	139,999	139,999
BlackRock Investment Management (Australia) Limited	29-Aug-19	yes	2.12	on mkt buy	AUD	ORD	50,688	50,688
BlackRock Advisors (UK) Limited	30-Aug-19	yes	2.17	on mkt buy	AUD	ORD	1,596	1,596
BlackRock Asset Management Canada Limited	30-Aug-19	yes	2.17	on mkt buy	AUD	ORD	208,358	208,358
BlackRock (Netherlands) B.V.	30-Aug-19	yes	2.17	on mkt buy	AUD	ORD	236,709	236,709
BlackRock Fund Advisors	30-Aug-19	no	n/a	in specie	AUD	ORD	15,410	15,410

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

Maria Tricarico,
Authorised Signatory

03-Sep-19
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 (Singapore) Limited	20 Anson Road #18-01 079912 Singapore
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)