

Form 603

Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme

ACN/ARSN

1. Details of substantial holder (1)

Name

ACN/ARSN (if applicable)

The holder became a substantial holder on

/ /

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)

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

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

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	

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

7. Addresses

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

Name	Address

Signature

print name

capacity

sign here

date / /

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.

01-Dec-17

Kayla Mulvihill,
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.	BNYM-BANK OF NY BRUS		ord 44,569	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.	JPM-JP MORGAN CHASE - NEW YORK		ord 116,047	116,047	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-SSB NEW YORK INSTITUTIONAL		ord 369,228	369,228	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		ord 17,853	17,853	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		ord 44,979	44,979	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		ord 4,012,146	4,012,146	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 - J.P. Morgan Zurich		ord 163,270	163,270	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 1,874,238	1,874,238	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 626,431	626,431	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.	RBC-DEXIA BIL- LONDON		ord 457,345	457,345	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 6,485,398	6,485,398	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 LONDON		ord 13,595	13,595	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 12,080	12,080	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 1,641,233	1,641,233	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.	NT-NORTHERN TRUST CO. - CHICAGO		ord 162,473	162,473	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 13,286	13,286	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 9,991	9,991	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-STATE STREET SACRAMENTO		ord 1,149,155	1,149,155	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-BONY EUROPE - LONDON		ord 414,065	414,065	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-BONY LUXEMBOURG		ord 6,238,111	6,238,111	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 1,493,420	1,493,420	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 12,542	12,542	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.
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 51,890	51,890	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 75,161	75,161	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.	HSBC-HSBC - LONDON		ord 55,314	55,314	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 4,768	4,768	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 333,172	333,172	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-SSB NEW YORK INSTITUTIONAL		ord 110,158	110,158	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 342,142	342,142	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 163,866	163,866	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 33,427,659	33,427,659	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.	BNP PARIBAS LON		ord 249,345	249,345	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 2,873,349	2,873,349	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 174,614	174,614	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 922,116	922,116	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 30,054	30,054	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.	SSB-SSB BOSTON INSTITUTIONAL		ord 260,871	260,871	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 NEW YORK INSTITUTIONAL		ord 1,999,869	1,999,869	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 1,075,596	1,075,596	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 102,214	102,214	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 33,558,486	33,558,486	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 115,462	115,462	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 856,021	856,021	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.	BNP-BNP PARIBAS AUSTRALIA - COGENT		ord 379,642	379,642	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 29,576	29,576	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 3,769,371	3,769,371	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 1,702,606	1,702,606	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 272,722	272,722	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-BNP Paribas Milan		ord 83,831	83,831	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 1,247,856	1,247,856	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 1,946,689	1,946,689	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.	CB-CACEIS BANK LUXEMBOURG		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.	CITI-CITIBANK, LONDON		ord 1,588,253	1,588,253	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 961,306	961,306	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 886,451	886,451	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 156,135	156,135	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 5,975,727	5,975,727	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.	PICT-PICTET & CIE		ord 14,072	14,072	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.	SEB-SKANDINAVISKA ENSKILDA BANKEN		ord 63,194	63,194	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-SSB NEW YORK INSTITUTIONAL		ord 2,173,520	2,173,520	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 104,785	104,785	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 1,957,631	1,957,631	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 217,964	217,964	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 1,923,272	1,923,272	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 1,257,510	1,257,510	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 1,564,144	1,564,144	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.	USB-US BANK		ord 46,991	46,991	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 43,619	43,619	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 3,501,732	3,501,732	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 37,975	37,975	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 711,919	711,919	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 1,151,334	1,151,334	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 8,170,725	8,170,725	subsidiary of BlackRock Inc.

This is Annexure B of 5 pages referred to in form 603 Notice of initial substantial shareholder

01-Dec-17

Kayla Mulvihill,
Authorised Signatory

Date

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 Investment Management (Australia) Limited	31-Jul-17	yes	1.90	on mkt buy	AUD	ord	10,240	10,240	
BlackRock Investment Management (Australia) Limited	31-Jul-17	yes	1.90	on mkt buy	AUD	ord	1,328,963	1,328,963	
BlackRock Fund Advisors	31-Jul-17	no	n/a	in specie	AUD	ord	20,128	20,128	
BlackRock Fund Advisors	31-Jul-17	no	n/a	in specie	AUD	ord	32,880	32,880	
BlackRock Fund Advisors	31-Jul-17	no	n/a	in specie	AUD	ord	20,128	20,128	
BlackRock Investment Management (UK) Limited	31-Jul-17	no	n/a	in specie	AUD	ord	81,624	81,624	
BlackRock Institutional Trust Company, National Association	01-Aug-17	no	n/a	in specie	AUD	ord	11,055	11,055	
BlackRock Advisors (UK) Limited	02-Aug-17	yes	1.89	on mkt buy	AUD	ord	4,928	4,928	
BlackRock Institutional Trust Company, National Association	02-Aug-17	yes	1.89	on mkt buy	AUD	ord	33,472	33,472	
BlackRock Fund Advisors	02-Aug-17	no	n/a	in specie	AUD	ord	50,320	50,320	
BlackRock Fund Advisors	02-Aug-17	no	n/a	in specie	AUD	ord	20,128	20,128	
BlackRock Investment Management (UK) Limited	03-Aug-17	no	n/a	in specie	AUD	ord	97,768	97,768	
BlackRock Fund Advisors	03-Aug-17	no	n/a	in specie	AUD	ord	21,792	21,792	
BlackRock Advisors (UK) Limited	04-Aug-17	yes	1.89	on mkt buy	AUD	ord	4,930	4,930	
BlackRock Investment Management (Australia) Limited	07-Aug-17	yes	1.91	on mkt buy	AUD	ord	17,920	17,920	
BlackRock Investment Management (Australia) Limited	07-Aug-17	yes	1.91	on mkt buy	AUD	ord	29,614	29,614	
BlackRock Advisors (UK) Limited	07-Aug-17	yes	1.91	on mkt buy	AUD	ord	4,859	4,859	
BlackRock Investment Management (Australia) Limited	07-Aug-17	yes	1.91	on mkt buy	AUD	ord	31,735	31,735	
BlackRock Investment Management (Australia) Limited	08-Aug-17	yes	1.93	on mkt buy	AUD	ord	14,807	14,807	
BlackRock Advisors (UK) Limited	08-Aug-17	yes	1.93	on mkt buy	AUD	ord	4,931	4,931	
BlackRock Advisors (UK) Limited	08-Aug-17	yes	1.93	on mkt buy	AUD	ord	14,793	14,793	
BlackRock Institutional Trust Company, National Association	08-Aug-17	yes	1.93	on mkt buy	AUD	ord	3,815	3,815	
BlackRock Investment Management (UK) Limited	09-Aug-17	yes	1.99	on mkt buy	AUD	ord	118,345	118,345	
BlackRock Asset Management North Asia Limited	09-Aug-17	yes	1.97	on mkt buy	AUD	ord	13,905	13,905	
BlackRock Advisors (UK) Limited	09-Aug-17	yes	1.97	on mkt buy	AUD	ord	1,784	1,784	
BlackRock Investment Management (Australia) Limited	09-Aug-17	yes	1.97	on mkt buy	AUD	ord	31,358	31,358	
BlackRock Fund Advisors	09-Aug-17	no	n/a	in specie	AUD	ord	20,966	20,966	
BlackRock Fund Advisors	11-Aug-17	no	n/a	in specie	AUD	ord	21,920	21,920	
BlackRock Investment Management (UK) Limited	11-Aug-17	no	n/a	in specie	AUD	ord	30,626	30,626	
BlackRock Advisors (UK) Limited	14-Aug-17	no	n/a	in specie	AUD	ord	19,349	19,349	
BlackRock Fund Advisors	14-Aug-17	no	n/a	in specie	AUD	ord	39,812	39,812	
BlackRock Advisors (UK) Limited	15-Aug-17	yes	2.01	on mkt buy	AUD	ord	1,277	1,277	
BlackRock (Netherlands) B.V.	15-Aug-17	yes	2.01	on mkt buy	AUD	ord	3,214	3,214	
BlackRock Investment Management (UK) Limited	16-Aug-17	yes	2.04	on mkt buy	AUD	ord	106,906	106,906	
BlackRock Investment Management (UK) Limited	16-Aug-17	yes	2.03	on mkt buy	AUD	ord	11,585	11,585	
BlackRock Asset Management North Asia Limited	16-Aug-17	yes	2.03	on mkt buy	AUD	ord	8,202	8,202	
BlackRock Advisors (UK) Limited	16-Aug-17	yes	2.04	on mkt buy	AUD	ord	4,395	4,395	
BlackRock Fund Advisors	16-Aug-17	no	n/a	in specie	AUD	ord	43,840	43,840	
BlackRock Investment Management (UK) Limited	17-Aug-17	yes	2.07	on mkt buy	AUD	ord	11,098	11,098	
BlackRock Advisors (UK) Limited	17-Aug-17	yes	2.07	on mkt buy	AUD	ord	12,502	12,502	
BlackRock Investment Management (Australia) Limited	17-Aug-17	yes	2.06	on mkt buy	AUD	ord	24,421	24,421	
BlackRock Fund Advisors	17-Aug-17	no	n/a	in specie	AUD	ord	19,906	19,906	

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	18-Aug-17	yes	2.03	on mkt buy	AUD	ord 711,919	711,919
BlackRock Advisors (UK) Limited	18-Aug-17	yes	2.05	on mkt buy	AUD	ord 4,880	4,880
BlackRock Fund Advisors	18-Aug-17	no	n/a	in specie	AUD	ord 15,675	15,675
BlackRock Investment Management (UK) Limited	22-Aug-17	yes	2.06	on mkt buy	AUD	ord 48,199	48,199
BlackRock Advisors (UK) Limited	22-Aug-17	yes	2.04	on mkt buy	AUD	ord 28,324	28,324
BlackRock Advisors (UK) Limited	23-Aug-17	yes	2.03	on mkt buy	AUD	ord 3,520	3,520
BlackRock Advisors (UK) Limited	23-Aug-17	yes	2.03	on mkt buy	AUD	ord 894	894
BlackRock Advisors (UK) Limited	23-Aug-17	yes	2.03	on mkt buy	AUD	ord 1,788	1,788
BlackRock Fund Advisors	24-Aug-17	no	n/a	in specie	AUD	ord 21,792	21,792
BlackRock Advisors, LLC	25-Aug-17	yes	2.16	on mkt buy	AUD	ord 230,766	230,766
BlackRock Investment Management (UK) Limited	25-Aug-17	yes	2.16	on mkt buy	AUD	ord 86,784	86,784
BlackRock Asset Management North Asia Limited	25-Aug-17	yes	2.16	on mkt buy	AUD	ord 766,898	766,898
BlackRock Asset Management North Asia Limited	25-Aug-17	yes	2.16	on mkt buy	AUD	ord 51,051	51,051
BlackRock Asset Management North Asia Limited	25-Aug-17	yes	2.16	on mkt buy	AUD	ord 158,551	158,551
BlackRock Advisors, LLC	25-Aug-17	yes	2.15	on mkt buy	AUD	ord 312,076	312,076
BlackRock Investment Management (UK) Limited	25-Aug-17	yes	2.15	on mkt buy	AUD	ord 117,362	117,362
BlackRock Asset Management North Asia Limited	25-Aug-17	yes	2.15	on mkt buy	AUD	ord 1,037,109	1,037,109
BlackRock Asset Management North Asia Limited	25-Aug-17	yes	2.15	on mkt buy	AUD	ord 69,038	69,038
BlackRock Asset Management North Asia Limited	25-Aug-17	yes	2.15	on mkt buy	AUD	ord 214,415	214,415
BlackRock Advisors, LLC	25-Aug-17	yes	2.15	on mkt buy	AUD	ord 81,513	81,513
BlackRock Investment Management (UK) Limited	25-Aug-17	yes	2.15	on mkt buy	AUD	ord 30,654	30,654
BlackRock Asset Management North Asia Limited	25-Aug-17	yes	2.15	on mkt buy	AUD	ord 270,890	270,890
BlackRock Asset Management North Asia Limited	25-Aug-17	yes	2.15	on mkt buy	AUD	ord 18,032	18,032
BlackRock Asset Management North Asia Limited	25-Aug-17	yes	2.15	on mkt buy	AUD	ord 56,005	56,005
BlackRock Advisors (UK) Limited	25-Aug-17	yes	2.16	on mkt buy	AUD	ord 4,958	4,958
BlackRock Investment Management (UK) Limited	25-Aug-17	no	n/a	in specie	AUD	ord 19,528	19,528
BlackRock Investment Management (UK) Limited	25-Aug-17	no	n/a	in specie	AUD	ord 127,616	127,616
BlackRock Investment Management (Australia) Limited	28-Aug-17	yes	2.12	on mkt buy	AUD	ord 28,461	28,461
BlackRock Fund Advisors	28-Aug-17	no	n/a	in specie	AUD	ord 30,192	30,192
BlackRock Fund Advisors	28-Aug-17	no	n/a	in specie	AUD	ord 42,460	42,460
BlackRock Japan Co., Ltd.	29-Aug-17	yes	2.12	on mkt buy	AUD	ord 440,000	440,000
BlackRock Fund Advisors	29-Aug-17	no	n/a	in specie	AUD	ord 27,240	27,240
BlackRock Advisors (UK) Limited	30-Aug-17	yes	2.09	on mkt buy	AUD	ord 1,278	1,278
BlackRock Advisors (UK) Limited	30-Aug-17	yes	2.09	on mkt buy	AUD	ord 880	880
BlackRock Advisors (UK) Limited	30-Aug-17	yes	2.09	on mkt buy	AUD	ord 894	894
BlackRock Advisors (UK) Limited	30-Aug-17	yes	2.09	on mkt buy	AUD	ord 1,760	1,760
BlackRock Fund Advisors	30-Aug-17	no	n/a	in specie	AUD	ord 50,320	50,320
BlackRock Investment Management (UK) Limited	30-Aug-17	no	n/a	in specie	AUD	ord 2,401	2,401
BlackRock Advisors (UK) Limited	30-Aug-17	no	n/a	in specie	AUD	ord 2,969	2,969
BlackRock Investment Management (Australia) Limited	31-Aug-17	yes	2.12	on mkt buy	AUD	ord 15,360	15,360
BlackRock Investment Management (Australia) Limited	31-Aug-17	yes	2.12	on mkt buy	AUD	ord 29,070	29,070
BlackRock International Limited	31-Aug-17	yes	2.12	on mkt buy	AUD	ord 35,273	35,273
BlackRock Institutional Trust Company, National Association	31-Aug-17	yes	2.12	on mkt buy	AUD	ord 84,454	84,454
BlackRock Institutional Trust Company, National Association	31-Aug-17	yes	2.12	on mkt buy	AUD	ord 119,008	119,008
BlackRock Advisors (UK) Limited	01-Sep-17	yes	2.16	on mkt buy	AUD	ord 4,395	4,395
BlackRock Investment Management (UK) Limited	04-Sep-17	no	n/a	in specie	AUD	ord 10,203	10,203
BlackRock Advisors (UK) Limited	06-Sep-17	yes	2.14	on mkt buy	AUD	ord 901	901
BlackRock Fund Advisors	06-Sep-17	no	n/a	in specie	AUD	ord 27,240	27,240
BlackRock Fund Advisors	06-Sep-17	no	n/a	in specie	AUD	ord 32,880	32,880
BlackRock Advisors (UK) Limited	07-Sep-17	yes	2.16	on mkt buy	AUD	ord 4,510	4,510
BlackRock Advisors (UK) Limited	08-Sep-17	yes	2.19	on mkt buy	AUD	ord 9,778	9,778
BlackRock Advisors (UK) Limited	08-Sep-17	yes	2.19	on mkt buy	AUD	ord 6,153	6,153

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			Cash	Non-cash	CCY		
BlackRock Advisors (UK) Limited	08-Sep-17	yes	2.19	on mkt buy	AUD	ord 5,274	5,274
BlackRock Fund Advisors	08-Sep-17	no	n/a	in specie	AUD	ord 5,493	5,493
BlackRock Fund Advisors	08-Sep-17	no	n/a	in specie	AUD	ord 63,560	63,560
BlackRock Fund Advisors	08-Sep-17	no	n/a	in specie	AUD	ord 12,990	12,990
BlackRock Fund Advisors	11-Sep-17	no	n/a	in specie	AUD	ord 15,675	15,675
BlackRock Fund Advisors	11-Sep-17	no	n/a	in specie	AUD	ord 15,096	15,096
BlackRock Fund Advisors	12-Sep-17	no	n/a	in specie	AUD	ord 27,240	27,240
BlackRock Advisors (UK) Limited	13-Sep-17	no	n/a	in specie	AUD	ord 24,500	24,500
BlackRock Investment Management (UK) Limited	13-Sep-17	yes	2.23	on mkt buy	AUD	ord 27,561	27,561
BlackRock Institutional Trust Company, National Association	13-Sep-17	yes	2.20	on mkt buy	AUD	ord 740,929	740,929
BlackRock Advisors (UK) Limited	13-Sep-17	yes	2.20	on mkt buy	AUD	ord 1,412	1,412
BlackRock Advisors (UK) Limited	14-Sep-17	yes	2.19	on mkt buy	AUD	ord 2,637	2,637
BlackRock Advisors (UK) Limited	15-Sep-17	yes	2.15	on mkt buy	AUD	ord 5,280	5,280
BlackRock Asset Management Canada Limited	15-Sep-17	yes	2.15	on mkt buy	AUD	ord 132,969	132,969
BlackRock Institutional Trust Company, National Association	15-Sep-17	yes	2.15	on mkt buy	AUD	ord 54,302	54,302
BlackRock Advisors (UK) Limited	19-Sep-17	yes	2.17	on mkt buy	AUD	ord 59,532	59,532
BlackRock Advisors (UK) Limited	19-Sep-17	yes	2.17	on mkt buy	AUD	ord 880	880
BlackRock Fund Advisors	19-Sep-17	no	n/a	in specie	AUD	ord 27,240	27,240
BlackRock Fund Advisors	19-Sep-17	no	n/a	in specie	AUD	ord 21,792	21,792
BlackRock Investment Management (UK) Limited	20-Sep-17	yes	2.17	on mkt buy	AUD	ord 111,609	111,609
BlackRock Advisors (UK) Limited	21-Sep-17	yes	2.19	on mkt buy	AUD	ord 1,806	1,806
BlackRock Investment Management (Australia) Limited	21-Sep-17	yes	2.19	on mkt buy	AUD	ord 35,551	35,551
BlackRock Investment Management (Australia) Limited	21-Sep-17	yes	2.19	on mkt buy	AUD	ord 23,040	23,040
BlackRock Fund Advisors	21-Sep-17	no	n/a	in specie	AUD	ord 8,492	8,492
BlackRock Fund Advisors	21-Sep-17	no	n/a	in specie	AUD	ord 19,107	19,107
BlackRock Fund Advisors	21-Sep-17	no	n/a	in specie	AUD	ord 36,320	36,320
BlackRock Fund Advisors	22-Sep-17	yes	2.17	on mkt buy	AUD	ord 24,400	24,400
BlackRock Investment Management (UK) Limited	22-Sep-17	no	n/a	in specie	AUD	ord 14,951	14,951
BlackRock Investment Management (Australia) Limited	25-Sep-17	yes	2.17	on mkt buy	AUD	ord 29,614	29,614
BlackRock Advisors (UK) Limited	25-Sep-17	yes	2.17	on mkt buy	AUD	ord 880	880
BlackRock Fund Advisors	25-Sep-17	no	n/a	in specie	AUD	ord 29,056	29,056
BlackRock Advisors (UK) Limited	26-Sep-17	yes	2.16	on mkt buy	AUD	ord 4,960	4,960
BlackRock Financial Management, Inc.	26-Sep-17	yes	2.16	on mkt buy	AUD	ord 182,679	182,679
BlackRock Fund Advisors	27-Sep-17	no	n/a	in specie	AUD	ord 10,960	10,960
BlackRock Advisors (UK) Limited	28-Sep-17	yes	2.16	on mkt buy	AUD	ord 9,918	9,918
BlackRock Advisors (UK) Limited	28-Sep-17	yes	2.16	on mkt buy	AUD	ord 4,385	4,385
BlackRock Advisors (UK) Limited	28-Sep-17	yes	2.16	on mkt buy	AUD	ord 2,709	2,709
BlackRock Fund Advisors	28-Sep-17	yes	2.16	on mkt buy	AUD	ord 29,397	29,397
BlackRock Fund Advisors	28-Sep-17	no	n/a	in specie	AUD	ord 54,480	54,480
BlackRock Investment Management (Australia) Limited	29-Sep-17	no	n/a	in specie	AUD	ord 612,942	612,942
BlackRock Investment Management (Australia) Limited	29-Sep-17	yes	2.20	on mkt buy	AUD	ord 28,700	28,700
BlackRock Investment Management (UK) Limited	29-Sep-17	yes	2.20	on mkt buy	AUD	ord 8,069	8,069
BlackRock Investment Management (Australia) Limited	29-Sep-17	yes	2.20	on mkt buy	AUD	ord 22,975	22,975
BlackRock Institutional Trust Company, National Association	29-Sep-17	yes	2.20	on mkt buy	AUD	ord 42,063	42,063
BlackRock Fund Advisors	29-Sep-17	no	n/a	in specie	AUD	ord 49,032	49,032
BlackRock Institutional Trust Company, National Association	29-Sep-17	no	n/a	in specie	AUD	ord 114,548	114,548
BlackRock Advisors (UK) Limited	02-Oct-17	yes	2.25	on mkt buy	AUD	ord 4,960	4,960
BlackRock Fund Advisors	02-Oct-17	no	n/a	in specie	AUD	ord 55,175	55,175
BlackRock Investment Management (UK) Limited	03-Oct-17	yes	2.27	on mkt buy	AUD	ord 21,593	21,593
BlackRock Advisors (UK) Limited	03-Oct-17	yes	2.23	on mkt buy	AUD	ord 9,920	9,920
BlackRock Advisors (UK) Limited	03-Oct-17	yes	2.23	on mkt buy	AUD	ord 602	602
BlackRock Investment Management (UK) Limited	03-Oct-17	yes	2.23	on mkt buy	AUD	ord 19,043	19,043
BlackRock Institutional Trust Company, National Association	03-Oct-17	yes	2.23	on mkt buy	AUD	ord 33,069	33,069
BlackRock Asset Management North Asia Limited	04-Oct-17	yes	2.23	on mkt buy	AUD	ord 15,290	15,290
BlackRock Asset Management Canada Limited	04-Oct-17	yes	2.24	on mkt buy	AUD	ord 13,286	13,286

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			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	04-Oct-17	yes	2.24	on mkt buy	AUD	ord	33,280	33,280
BlackRock Fund Advisors	04-Oct-17	no	n/a	in specie	AUD	ord	45,400	45,400
BlackRock Fund Advisors	04-Oct-17	no	n/a	in specie	AUD	ord	19,976	19,976
BlackRock Fund Advisors	04-Oct-17	no	n/a	in specie	AUD	ord	39,812	39,812
BlackRock Advisors (UK) Limited	05-Oct-17	yes	2.24	on mkt buy	AUD	ord	3,512	3,512
BlackRock Fund Advisors	06-Oct-17	no	n/a	in specie	AUD	ord	6,470	6,470
BlackRock Fund Advisors	06-Oct-17	no	n/a	in specie	AUD	ord	41,768	41,768
BlackRock Fund Advisors	06-Oct-17	no	n/a	in specie	AUD	ord	44,140	44,140
BlackRock Advisors (UK) Limited	09-Oct-17	yes	2.22	on mkt buy	AUD	ord	9,920	9,920
BlackRock Investment Management, LLC	09-Oct-17	yes	2.22	on mkt buy	AUD	ord	7,451	7,451
BlackRock Investment Management (UK) Limited	10-Oct-17	yes	2.19	on mkt buy	AUD	ord	20,178	20,178
BlackRock Advisors (UK) Limited	10-Oct-17	yes	2.22	on mkt buy	AUD	ord	88,052	88,052
BlackRock Fund Advisors	10-Oct-17	no	n/a	in specie	AUD	ord	29,056	29,056
BlackRock Fund Advisors	11-Oct-17	no	n/a	in specie	AUD	ord	19,410	19,410
BlackRock Fund Advisors	11-Oct-17	no	n/a	in specie	AUD	ord	36,320	36,320
BlackRock Fund Advisors	11-Oct-17	no	n/a	in specie	AUD	ord	14,528	14,528
BlackRock Fund Advisors	11-Oct-17	no	n/a	in specie	AUD	ord	5,442	5,442
BlackRock Advisors (UK) Limited	12-Oct-17	yes	2.21	on mkt buy	AUD	ord	29,526	29,526
BlackRock Advisors (UK) Limited	12-Oct-17	yes	2.21	on mkt buy	AUD	ord	7,031	7,031
BlackRock Investment Management (Australia) Limited	12-Oct-17	yes	2.21	on mkt buy	AUD	ord	12,102	12,102
BlackRock Investment Management (UK) Limited	13-Oct-17	yes	2.24	on mkt buy	AUD	ord	12,478	12,478
BlackRock Institutional Trust Company, National Association	13-Oct-17	yes	2.24	on mkt buy	AUD	ord	12,343	12,343
BlackRock Fund Advisors	13-Oct-17	no	n/a	in specie	AUD	ord	25,160	25,160
BlackRock Fund Advisors	13-Oct-17	no	n/a	in specie	AUD	ord	20,966	20,966
BlackRock Investment Management (UK) Limited	13-Oct-17	no	n/a	in specie	AUD	ord	16,850	16,850
BlackRock Advisors (UK) Limited	16-Oct-17	yes	2.25	on mkt buy	AUD	ord	6,146	6,146
BlackRock Advisors (UK) Limited	16-Oct-17	yes	2.25	on mkt buy	AUD	ord	7,024	7,024
BlackRock Fund Advisors	16-Oct-17	yes	2.25	on mkt buy	AUD	ord	31,449	31,449
BlackRock Advisors (UK) Limited	17-Oct-17	yes	2.25	on mkt buy	AUD	ord	4,390	4,390
BlackRock Fund Advisors	17-Oct-17	no	n/a	in specie	AUD	ord	45,400	45,400
BlackRock Fund Advisors	18-Oct-17	no	n/a	in specie	AUD	ord	18,160	18,160
BlackRock Advisors (UK) Limited	19-Oct-17	yes	2.32	on mkt buy	AUD	ord	1,276	1,276
BlackRock Advisors (UK) Limited	19-Oct-17	yes	2.32	on mkt buy	AUD	ord	1,798	1,798
BlackRock Advisors (UK) Limited	20-Oct-17	yes	2.32	on mkt buy	AUD	ord	9,842	9,842
BlackRock Advisors (UK) Limited	20-Oct-17	yes	2.32	on mkt buy	AUD	ord	6,171	6,171
BlackRock Advisors (UK) Limited	23-Oct-17	yes	2.34	on mkt buy	AUD	ord	4,921	4,921
BlackRock Fund Advisors	24-Oct-17	no	n/a	in specie	AUD	ord	5,442	5,442
BlackRock Fund Advisors	24-Oct-17	no	n/a	in specie	AUD	ord	23,582	23,582
BlackRock Investment Management (Australia) Limited	25-Oct-17	yes	2.43	on mkt buy	AUD	ord	244,440	244,440
BlackRock Fund Advisors	25-Oct-17	no	n/a	in specie	AUD	ord	43,584	43,584
BlackRock Fund Advisors	26-Oct-17	no	n/a	in specie	AUD	ord	9,080	9,080
BlackRock Institutional Trust Company, National Association	26-Oct-17	no	n/a	in specie	AUD	ord	30,054	30,054
BlackRock Advisors (UK) Limited	27-Oct-17	yes	2.42	on mkt buy	AUD	ord	19,684	19,684
BlackRock Advisors (UK) Limited	31-Oct-17	yes	2.34	on mkt buy	AUD	ord	7,024	7,024
BlackRock Advisors (UK) Limited	31-Oct-17	yes	2.34	on mkt buy	AUD	ord	899	899
BlackRock Asset Management Canada Limited	31-Oct-17	yes	2.34	on mkt buy	AUD	ord	7,750	7,750
BlackRock Fund Advisors	31-Oct-17	no	n/a	in specie	AUD	ord	131,832	131,832
BlackRock Investment Management (Australia) Limited	01-Nov-17	yes	2.38	on mkt buy	AUD	ord	70,262	70,262
BlackRock Investment Management (Australia) Limited	01-Nov-17	yes	2.39	on mkt buy	AUD	ord	15,348	15,348
BlackRock Advisors (UK) Limited	01-Nov-17	yes	2.39	on mkt buy	AUD	ord	6,170	6,170
BlackRock Advisors (UK) Limited	01-Nov-17	yes	2.39	on mkt buy	AUD	ord	899	899
BlackRock Asset Management Canada Limited	01-Nov-17	yes	2.39	on mkt buy	AUD	ord	41,100	41,100
BlackRock Fund Advisors	02-Nov-17	no	n/a	in specie	AUD	ord	3,632	3,632
BlackRock Fund Advisors	02-Nov-17	no	n/a	in specie	AUD	ord	5,493	5,493
BlackRock Advisors (UK) Limited	03-Nov-17	yes	2.44	on mkt buy	AUD	ord	12,340	12,340
BlackRock Advisors (UK) Limited	06-Nov-17	yes	2.40	on mkt buy	AUD	ord	8,780	8,780
BlackRock Fund Advisors	06-Nov-17	no	n/a	in specie	AUD	ord	10,986	10,986
BlackRock Fund Advisors	06-Nov-17	no	n/a	in specie	AUD	ord	27,240	27,240
BlackRock Financial Management, Inc.	07-Nov-17	no	n/a	in specie	AUD	ord	4,768	4,768
BlackRock Advisors (UK) Limited	07-Nov-17	yes	2.38	on mkt buy	AUD	ord	28,974	28,974
BlackRock Fund Advisors	07-Nov-17	no	n/a	in specie	AUD	ord	5,823	5,823
BlackRock Investment Management (Australia) Limited	08-Nov-17	yes	2.41	on mkt buy	AUD	ord	104,117	104,117

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			Cash	Non-cash	CCY		
BlackRock Investment Management (UK) Limited	08-Nov-17	yes	2.42	on mkt buy	AUD	ord 12,451	12,451
BlackRock Asset Management North Asia Limited	08-Nov-17	yes	2.42	on mkt buy	AUD	ord 31,341	31,341
BlackRock Advisors (UK) Limited	08-Nov-17	yes	2.42	on mkt buy	AUD	ord 4,923	4,923
BlackRock Advisors (UK) Limited	08-Nov-17	yes	2.42	on mkt buy	AUD	ord 1,182	1,182
BlackRock Fund Advisors	08-Nov-17	no	n/a	in specie	AUD	ord 12,940	12,940
BlackRock Fund Advisors	08-Nov-17	no	n/a	in specie	AUD	ord 9,070	9,070
BlackRock Fund Advisors	08-Nov-17	no	n/a	in specie	AUD	ord 10,896	10,896
BlackRock Fund Advisors	08-Nov-17	no	n/a	in specie	AUD	ord 19,976	19,976
BlackRock Fund Advisors	09-Nov-17	no	n/a	in specie	AUD	ord 20,128	20,128
BlackRock Advisors (UK) Limited	10-Nov-17	yes	2.26	on mkt buy	AUD	ord 6,173	6,173
BlackRock Advisors (UK) Limited	10-Nov-17	yes	2.24	on mkt buy	AUD	ord 18,350	18,350
BlackRock Fund Advisors	10-Nov-17	no	n/a	in specie	AUD	ord 5,215	5,215
BlackRock Investment Management (UK) Limited	10-Nov-17	no	n/a	in specie	AUD	ord 8,593	8,593
BlackRock Advisors (UK) Limited	13-Nov-17	yes	2.30	on mkt buy	AUD	ord 65,377	65,377
BlackRock Advisors (UK) Limited	14-Nov-17	yes	2.28	on mkt buy	AUD	ord 70,539	70,539
BlackRock Investment Management (Australia) Limited	14-Nov-17	yes	2.28	on mkt buy	AUD	ord 27,813	27,813
BlackRock Fund Advisors	14-Nov-17	no	n/a	in specie	AUD	ord 9,080	9,080
BlackRock Investment Management (Australia) Limited	15-Nov-17	yes	2.23	on mkt buy	AUD	ord 17,906	17,906
BlackRock Institutional Trust Company, National Association	15-Nov-17	yes	2.23	on mkt buy	AUD	ord 256,300	256,300
BlackRock Fund Advisors	15-Nov-17	no	n/a	in specie	AUD	ord 23,608	23,608
BlackRock Advisors (UK) Limited	16-Nov-17	yes	2.26	on mkt buy	AUD	ord 1,286	1,286
BlackRock Fund Advisors	16-Nov-17	no	n/a	in specie	AUD	ord 50,848	50,848
BlackRock Fund Advisors	16-Nov-17	no	n/a	in specie	AUD	ord 9,080	9,080
BlackRock Fund Advisors	16-Nov-17	no	n/a	in specie	AUD	ord 79,624	79,624
BlackRock Advisors (UK) Limited	17-Nov-17	yes	2.23	on mkt buy	AUD	ord 679	679
BlackRock Fund Advisors	17-Nov-17	no	n/a	in specie	AUD	ord 7,764	7,764
BlackRock Institutional Trust Company, National Association	20-Nov-17	yes	2.22	on mkt buy	AUD	ord 40,787	40,787
BlackRock Advisors (UK) Limited	20-Nov-17	no	n/a	in specie	AUD	ord 13,595	13,595
BlackRock Advisors (UK) Limited	21-Nov-17	yes	2.24	on mkt buy	AUD	ord 6,376	6,376
BlackRock Institutional Trust Company, National Association	21-Nov-17	yes	2.24	on mkt buy	AUD	ord 114,716	114,716
BlackRock Institutional Trust Company, National Association	21-Nov-17	yes	2.24	on mkt buy	AUD	ord 78,766	78,766
BlackRock Fund Advisors	21-Nov-17	no	n/a	in specie	AUD	ord 23,353	23,353
BlackRock Investment Management (Australia) Limited	22-Nov-17	yes	2.25	on mkt buy	AUD	ord 75,357	75,357
BlackRock Fund Advisors	22-Nov-17	no	n/a	in specie	AUD	ord 34,750	34,750
BlackRock Fund Advisors	22-Nov-17	no	n/a	in specie	AUD	ord 10,483	10,483
BlackRock Investment Management (Australia) Limited	24-Nov-17	yes	2.24	on mkt buy	AUD	ord 44,373	44,373
BlackRock Advisors (UK) Limited	24-Nov-17	yes	2.24	on mkt buy	AUD	ord 4,395	4,395
BlackRock Advisors (UK) Limited	24-Nov-17	yes	2.24	on mkt buy	AUD	ord 1,784	1,784
BlackRock Investment Management (UK) Limited	24-Nov-17	no	n/a	in specie	AUD	ord 34,853	34,853
BlackRock Investment Management (UK) Limited	24-Nov-17	no	n/a	in specie	AUD	ord 32,559	32,559
BlackRock Investment Management (Australia) Limited	27-Nov-17	yes	2.28	on mkt buy	AUD	ord 255,800	255,800
BlackRock Advisors (UK) Limited	27-Nov-17	yes	2.28	on mkt buy	AUD	ord 29,604	29,604
BlackRock Investment Management (Australia) Limited	28-Nov-17	yes	2.26	on mkt buy	AUD	ord 276,264	276,264
BlackRock Advisors (UK) Limited	28-Nov-17	yes	2.26	on mkt buy	AUD	ord 1,404	1,404
BlackRock Fund Advisors	28-Nov-17	no	n/a	in specie	AUD	ord 14,648	14,648
BlackRock Investment Management (Australia) Limited	29-Nov-17	yes	2.31	on mkt buy	AUD	ord 107,436	107,436
BlackRock Institutional Trust Company, National Association	29-Nov-17	yes	2.31	on mkt buy	AUD	ord 87,639	87,639
BlackRock Fund Advisors	29-Nov-17	no	n/a	in specie	AUD	ord 6,470	6,470

Annexure C

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

Kayla Mulvihill, Authorised Signatory	01-Dec-17 Date
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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)