

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.

22-Aug-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 4,523,124	4,523,124	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 1,803,699	1,803,699	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.	RBC-RBC DEXIA LUXEMBOURG		ord 103,455	103,455	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 6,353,275	6,353,275	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.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ord 1,195,303	1,195,303	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.	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 1,009,880	1,009,880	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 229,313	229,313	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 4,474,788	4,474,788	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.	NT-NORTHERN TRUST UK		ord 170,549	170,549	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.	RBC-ROYAL TRUST - TORONTO		ord 182,679	182,679	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 116,391	116,391	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 422,247	422,247	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 31,951,401	31,951,401	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 130,337	130,337	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 2,915,927	2,915,927	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 133,827	133,827	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 966,761	966,761	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 67,389	67,389	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 1,997,954	1,997,954	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-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 127,250	127,250	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 32,412,643	32,412,643	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 820,748	820,748	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 389,756	389,756	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 5,431,405	5,431,405	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 1,089,664	1,089,664	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 75,762	75,762	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 1,208,635	1,208,635	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 1,677,845	1,677,845	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 704,081	704,081	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 164,724	164,724	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 7,135,853	7,135,853	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.
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.

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-SSB NEW YORK INSTITUTIONAL		ord 2,231,375	2,231,375	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 3,956,972	3,956,972	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 1,556,720	1,556,720	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 1,569,744	1,569,744	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 60,884	60,884	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 3,515,967	3,515,967	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 1,602,763	1,602,763	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 7,348,419	7,348,419	subsidiary of BlackRock Inc.

This is Annexure B of 7 pages referred to in form 603 Notice of initial substantial shareholder

22-Aug-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 Asset Management North Asia Limited	19-Apr-17	yes	1.74	on mkt buy	AUD	ord	101,496	101,496	
BlackRock Advisors (UK) Limited	19-Apr-17	yes	1.80	on mkt buy	AUD	ord	4,847	4,847	
BlackRock Advisors (UK) Limited	19-Apr-17	yes	1.80	on mkt buy	AUD	ord	7,058	7,058	
BlackRock Fund Advisors	19-Apr-17	no	n/a	in specie	AUD	ord	22,944	22,944	
BlackRock Investment Management (UK) Limited	20-Apr-17	yes	1.78	on mkt buy	AUD	ord	110,509	110,509	
BlackRock Investment Management (UK) Limited	20-Apr-17	yes	1.78	on mkt buy	AUD	ord	98,089	98,089	
BlackRock Investment Management (Australia) Limited	21-Apr-17	yes	1.80	on mkt buy	AUD	ord	201,534	201,534	
BlackRock Investment Management (UK) Limited	21-Apr-17	no	n/a	in specie	AUD	ord	17,006	17,006	
BlackRock Investment Management (UK) Limited	21-Apr-17	no	n/a	in specie	AUD	ord	80,922	80,922	
BlackRock Advisors (UK) Limited	24-Apr-17	yes	1.81	on mkt buy	AUD	ord	4,910	4,910	
BlackRock Investment Management (UK) Limited	24-Apr-17	no	n/a	in specie	AUD	ord	190,765	190,765	
BlackRock Investment Management (Australia) Limited	26-Apr-17	yes	1.86	on mkt buy	AUD	ord	275,907	275,907	
BlackRock Investment Management (UK) Limited	26-Apr-17	yes	1.86	on mkt buy	AUD	ord	255,410	255,410	
BlackRock Investment Management (UK) Limited	26-Apr-17	yes	1.86	on mkt buy	AUD	ord	205,271	205,271	
BlackRock Investment Management (UK) Limited	26-Apr-17	yes	1.86	on mkt buy	AUD	ord	195,018	195,018	
BlackRock Fund Advisors	26-Apr-17	yes	1.84	on mkt buy	AUD	ord	2,198	2,198	
BlackRock Institutional Trust Company, National Association	26-Apr-17	yes	1.84	on mkt buy	AUD	ord	96,924	96,924	
BlackRock Fund Advisors	26-Apr-17	no	n/a	in specie	AUD	ord	16,740	16,740	
BlackRock Fund Advisors	27-Apr-17	no	n/a	in specie	AUD	ord	16,713	16,713	
BlackRock Advisors (UK) Limited	28-Apr-17	yes	1.84	on mkt buy	AUD	ord	1,778	1,778	
BlackRock Fund Advisors	28-Apr-17	no	n/a	in specie	AUD	ord	18,570	18,570	
BlackRock Fund Advisors	28-Apr-17	no	n/a	in specie	AUD	ord	15,155	15,155	
BlackRock Institutional Trust Company, National Association	28-Apr-17	no	n/a	in specie	AUD	ord	32,947	32,947	
BlackRock Asset Management Canada Limited	01-May-17	yes	1.80	on mkt buy	AUD	ord	8,127	8,127	
BlackRock Investment Management (Australia) Limited	01-May-17	yes	1.82	on mkt buy	AUD	ord	47,146	47,146	
BlackRock Investment Management (Australia) Limited	01-May-17	yes	1.82	on mkt buy	AUD	ord	42,604	42,604	
BlackRock Asset Management Canada Limited	02-May-17	yes	1.79	on mkt buy	AUD	ord	1,864	1,864	
BlackRock Investment Management (Australia) Limited	02-May-17	yes	1.75	on mkt buy	AUD	ord	103,398	103,398	
BlackRock Fund Advisors	02-May-17	no	n/a	in specie	AUD	ord	9,525	9,525	
BlackRock Fund Advisors	02-May-17	no	n/a	in specie	AUD	ord	1,221	1,221	
BlackRock Investment Management (UK) Limited	03-May-17	yes	1.72	on mkt buy	AUD	ord	194,973	194,973	
BlackRock Investment Management (UK) Limited	03-May-17	yes	1.72	on mkt buy	AUD	ord	156,793	156,793	
BlackRock Advisors (UK) Limited	03-May-17	yes	1.72	on mkt buy	AUD	ord	1,410	1,410	
BlackRock Fund Advisors	03-May-17	no	n/a	in specie	AUD	ord	44,540	44,540	
BlackRock Investment Management (UK) Limited	04-May-17	yes	1.71	on mkt buy	AUD	ord	27,594	27,594	
BlackRock Advisors (UK) Limited	04-May-17	yes	1.71	on mkt buy	AUD	ord	4,850	4,850	
BlackRock Investment Management (Australia) Limited	04-May-17	yes	1.71	on mkt buy	AUD	ord	71,624	71,624	
BlackRock Investment Management (UK) Limited	04-May-17	yes	1.71	on mkt buy	AUD	ord	494,649	494,649	
BlackRock Fund Advisors	04-May-17	no	n/a	in specie	AUD	ord	3,714	3,714	

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 Fund Advisors	05-May-17	no	n/a	in specie	AUD	ord	112,880	112,880
BlackRock Institutional Trust Company, National Association	08-May-17	no	n/a	in specie	AUD	ord	12,235	12,235
BlackRock Investment Management (UK) Limited	08-May-17	yes	1.69	on mkt buy	AUD	ord	812,915	812,915
BlackRock Investment Management (UK) Limited	08-May-17	no	n/a	in specie	AUD	ord	184,242	184,242
BlackRock Fund Advisors	08-May-17	no	n/a	in specie	AUD	ord	33,405	33,405
BlackRock Fund Advisors	08-May-17	no	n/a	in specie	AUD	ord	21,165	21,165
BlackRock Fund Advisors	09-May-17	yes	1.71	on mkt buy	AUD	ord	135	135
BlackRock Fund Advisors	09-May-17	yes	1.73	on mkt buy	AUD	ord	60,181	60,181
BlackRock Advisors (UK) Limited	09-May-17	yes	1.73	on mkt buy	AUD	ord	4,851	4,851
BlackRock Advisors (UK) Limited	09-May-17	yes	1.73	on mkt buy	AUD	ord	1,365	1,365
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord	6,190	6,190
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord	21,165	21,165
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord	10,589	10,589
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord	35,275	35,275
BlackRock Investment Management (UK) Limited	10-May-17	yes	1.74	on mkt buy	AUD	ord	12,140	12,140
BlackRock Asset Management North Asia Limited	10-May-17	yes	1.74	on mkt buy	AUD	ord	104,738	104,738
BlackRock Investment Management (UK) Limited	10-May-17	yes	1.74	on mkt buy	AUD	ord	88,234	88,234
BlackRock Asset Management North Asia Limited	10-May-17	yes	1.74	on mkt buy	AUD	ord	5,537	5,537
BlackRock Investment Management (UK) Limited	10-May-17	yes	1.74	on mkt buy	AUD	ord	181,029	181,029
BlackRock Fund Advisors	10-May-17	no	n/a	in specie	AUD	ord	14,110	14,110
BlackRock Fund Advisors	10-May-17	no	n/a	in specie	AUD	ord	11,160	11,160
BlackRock Fund Advisors	10-May-17	no	n/a	in specie	AUD	ord	35,275	35,275
BlackRock Fund Advisors	11-May-17	no	n/a	in specie	AUD	ord	14,110	14,110
BlackRock Institutional Trust Company, National Association	11-May-17	no	n/a	in specie	AUD	ord	15,275	15,275
BlackRock Advisors (UK) Limited	12-May-17	yes	1.83	on mkt buy	AUD	ord	29,136	29,136
BlackRock Investment Management (UK) Limited	12-May-17	yes	1.85	on mkt buy	AUD	ord	132,329	132,329
BlackRock Investment Management (Australia) Limited	12-May-17	yes	1.86	on mkt buy	AUD	ord	7,360	7,360
BlackRock Advisors (UK) Limited	12-May-17	yes	1.86	on mkt buy	AUD	ord	14,583	14,583
BlackRock Advisors (UK) Limited	12-May-17	yes	1.86	on mkt buy	AUD	ord	624	624
BlackRock Advisors (UK) Limited	12-May-17	yes	1.86	on mkt buy	AUD	ord	8,163	8,163
BlackRock Fund Advisors	12-May-17	no	n/a	in specie	AUD	ord	49,385	49,385
BlackRock Fund Advisors	12-May-17	no	n/a	in specie	AUD	ord	14,110	14,110
BlackRock Advisors (UK) Limited	12-May-17	no	n/a	in specie	AUD	ord	7,444	7,444
BlackRock Advisors (UK) Limited	15-May-17	yes	1.81	on mkt buy	AUD	ord	14,568	14,568
BlackRock (Netherlands) B.V.	15-May-17	yes	1.81	on mkt buy	AUD	ord	16,023	16,023
BlackRock Fund Advisors	15-May-17	no	n/a	in specie	AUD	ord	18,660	18,660
BlackRock Fund Advisors	15-May-17	no	n/a	in specie	AUD	ord	13,758	13,758
BlackRock Fund Advisors	15-May-17	no	n/a	in specie	AUD	ord	35,275	35,275
BlackRock Fund Advisors	15-May-17	no	n/a	in specie	AUD	ord	14,110	14,110
BlackRock Investment Management (UK) Limited	16-May-17	yes	1.83	on mkt buy	AUD	ord	35,538	35,538
BlackRock Institutional Trust Company, National Association	16-May-17	yes	1.85	on mkt buy	AUD	ord	1,892,796	1,892,796
BlackRock Institutional Trust Company, National Association	16-May-17	yes	1.85	on mkt buy	AUD	ord	582,030	582,030
BlackRock Advisors (UK) Limited	16-May-17	yes	1.85	on mkt buy	AUD	ord	24,280	24,280
BlackRock Advisors (UK) Limited	16-May-17	yes	1.85	on mkt buy	AUD	ord	626	626
BlackRock Advisors (UK) Limited	16-May-17	yes	1.85	on mkt buy	AUD	ord	16,362	16,362
BlackRock Advisors (UK) Limited	16-May-17	yes	1.85	on mkt buy	AUD	ord	1,365	1,365
BlackRock Investment Management (Australia) Limited	16-May-17	yes	1.85	on mkt buy	AUD	ord	31,222	31,222
BlackRock Investment Management (Australia) Limited	16-May-17	yes	1.85	on mkt buy	AUD	ord	28,957	28,957
BlackRock Advisors (UK) Limited	16-May-17	no	n/a	in specie	AUD	ord	34,435	34,435
BlackRock Fund Advisors	16-May-17	no	n/a	in specie	AUD	ord	14,110	14,110
BlackRock Fund Advisors	16-May-17	no	n/a	in specie	AUD	ord	28,220	28,220
BlackRock Fund Advisors	16-May-17	no	n/a	in specie	AUD	ord	49,385	49,385
BlackRock Fund Advisors	17-May-17	yes	1.86	on mkt buy	AUD	ord	37,368	37,368
BlackRock Fund Advisors	17-May-17	yes	1.85	on mkt buy	AUD	ord	37,331	37,331
BlackRock Fund Advisors	17-May-17	no	n/a	in specie	AUD	ord	14,110	14,110
BlackRock Advisors (UK) Limited	18-May-17	yes	1.85	on mkt buy	AUD	ord	14,556	14,556
BlackRock Advisors (UK) Limited	18-May-17	yes	1.84	on mkt buy	AUD	ord	4,852	4,852
BlackRock Advisors (UK) Limited	18-May-17	yes	1.85	on mkt buy	AUD	ord	1,816	1,816
BlackRock Advisors (UK) Limited	18-May-17	yes	1.85	on mkt buy	AUD	ord	8,172	8,172

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	18-May-17	yes	1.85	on mkt buy	AUD	ord 14,178	14,178
BlackRock Advisors (UK) Limited	18-May-17	yes	1.85	on mkt buy	AUD	ord 169,068	169,068
BlackRock Asset Management Canada Limited	18-May-17	yes	1.85	on mkt buy	AUD	ord 22,931	22,931
BlackRock Investment Management (Australia) Limited	18-May-17	yes	1.85	on mkt buy	AUD	ord 10,748	10,748
BlackRock Advisors (UK) Limited	18-May-17	yes	1.85	on mkt buy	AUD	ord 4,852	4,852
BlackRock Fund Advisors	18-May-17	no	n/a	in specie	AUD	ord 60,090	60,090
BlackRock Institutional Trust Company, National Association	18-May-17	no	n/a	in specie	AUD	ord 12,342	12,342
BlackRock Investment Management (Australia) Limited	18-May-17	no	n/a	in specie	AUD	ord 223,206	223,206
BlackRock Advisors (UK) Limited	19-May-17	yes	1.84	on mkt buy	AUD	ord 9,080	9,080
BlackRock Advisors (UK) Limited	19-May-17	yes	1.84	on mkt buy	AUD	ord 4,095	4,095
BlackRock Advisors (UK) Limited	22-May-17	yes	1.90	on mkt buy	AUD	ord 4,852	4,852
BlackRock Advisors (UK) Limited	22-May-17	yes	1.90	on mkt buy	AUD	ord 7,103	7,103
BlackRock Fund Advisors	22-May-17	no	n/a	in specie	AUD	ord 21,165	21,165
BlackRock Fund Advisors	22-May-17	no	n/a	in specie	AUD	ord 14,110	14,110
BlackRock Fund Advisors	22-May-17	no	n/a	in specie	AUD	ord 63,495	63,495
BlackRock Asset Management North Asia Limited	23-May-17	yes	1.91	on mkt buy	AUD	ord 76,675	76,675
BlackRock Advisors (UK) Limited	23-May-17	yes	1.89	on mkt buy	AUD	ord 24,385	24,385
BlackRock Advisors (UK) Limited	23-May-17	yes	1.89	on mkt buy	AUD	ord 4,540	4,540
BlackRock Fund Advisors	23-May-17	no	n/a	in specie	AUD	ord 35,275	35,275
BlackRock Advisors (UK) Limited	24-May-17	yes	1.96	on mkt buy	AUD	ord 5,448	5,448
BlackRock Advisors (UK) Limited	24-May-17	yes	1.96	on mkt buy	AUD	ord 7,264	7,264
BlackRock Fund Advisors	24-May-17	yes	1.96	on mkt buy	AUD	ord 78,189	78,189
BlackRock Investment Management (Australia) Limited	24-May-17	no	n/a	in specie	AUD	ord 18,964	18,964
BlackRock Fund Advisors	24-May-17	no	n/a	in specie	AUD	ord 1,236	1,236
BlackRock Advisors (UK) Limited	25-May-17	yes	1.94	on mkt buy	AUD	ord 14,553	14,553
BlackRock Institutional Trust Company, National Association	25-May-17	yes	1.94	on mkt buy	AUD	ord 62,758	62,758
BlackRock Investment Management (UK) Limited	26-May-17	yes	1.90	on mkt buy	AUD	ord 309,597	309,597
BlackRock Advisors (UK) Limited	26-May-17	yes	1.90	on mkt buy	AUD	ord 77,796	77,796
BlackRock Advisors (UK) Limited	26-May-17	yes	1.91	on mkt buy	AUD	ord 4,852	4,852
BlackRock Advisors (UK) Limited	26-May-17	yes	1.91	on mkt buy	AUD	ord 30,048	30,048
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 22,308	22,308
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 28,220	28,220
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 15,155	15,155
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 21,178	21,178
BlackRock Institutional Trust Company, National Association	26-May-17	no	n/a	in specie	AUD	ord 699,001	699,001
BlackRock Investment Management (UK) Limited	26-May-17	no	n/a	in specie	AUD	ord 99,243	99,243
BlackRock Investment Management (UK) Limited	26-May-17	no	n/a	in specie	AUD	ord 26,762	26,762
BlackRock Advisors (UK) Limited	30-May-17	yes	1.92	on mkt buy	AUD	ord 6,083	6,083
BlackRock Fund Advisors	30-May-17	no	n/a	in specie	AUD	ord 63,495	63,495
BlackRock Fund Advisors	30-May-17	no	n/a	in specie	AUD	ord 28,220	28,220
BlackRock Investment Management (UK) Limited	31-May-17	yes	1.92	on mkt buy	AUD	ord 79,328	79,328
BlackRock Advisors (UK) Limited	31-May-17	yes	1.92	on mkt buy	AUD	ord 13,685	13,685
BlackRock Advisors (UK) Limited	31-May-17	yes	1.92	on mkt buy	AUD	ord 9,668	9,668
BlackRock Advisors (UK) Limited	31-May-17	yes	1.92	on mkt buy	AUD	ord 9,668	9,668
BlackRock Advisors (UK) Limited	31-May-17	yes	1.92	on mkt buy	AUD	ord 3,273	3,273
BlackRock Institutional Trust Company, National Association	31-May-17	yes	1.92	on mkt buy	AUD	ord 1,110	1,110
BlackRock Fund Advisors	31-May-17	yes	1.92	on mkt buy	AUD	ord 1,348	1,348
BlackRock Advisors, LLC	31-May-17	yes	1.92	on mkt buy	AUD	ord 11,871	11,871
BlackRock Institutional Trust Company, National Association	31-May-17	yes	1.92	on mkt buy	AUD	ord 209	209
BlackRock Investment Management, LLC	31-May-17	yes	1.92	on mkt buy	AUD	ord 436	436
BlackRock Advisors (UK) Limited	31-May-17	yes	1.92	on mkt buy	AUD	ord 39,793	39,793
BlackRock Institutional Trust Company, National Association	31-May-17	yes	1.92	on mkt buy	AUD	ord 13,501	13,501
BlackRock Fund Advisors	31-May-17	yes	1.92	on mkt buy	AUD	ord 16,379	16,379
BlackRock Advisors, LLC	31-May-17	yes	1.92	on mkt buy	AUD	ord 144,348	144,348
BlackRock Institutional Trust Company, National Association	31-May-17	yes	1.92	on mkt buy	AUD	ord 2,550	2,550
BlackRock Investment Management, LLC	31-May-17	yes	1.92	on mkt buy	AUD	ord 5,309	5,309
BlackRock Investment Management (UK) Limited	31-May-17	yes	1.92	on mkt buy	AUD	ord 47,584	47,584
BlackRock Advisors (UK) Limited	01-Jun-17	yes	1.92	on mkt buy	AUD	ord 4,562	4,562

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-Jun-17	yes	1.93	on mkt buy	AUD	ord 14,577	14,577
BlackRock Advisors (UK) Limited	01-Jun-17	yes	1.93	on mkt buy	AUD	ord 6,153	6,153
BlackRock Investment Management (Australia) Limited	01-Jun-17	yes	1.93	on mkt buy	AUD	ord 31,066	31,066
BlackRock Advisors (UK) Limited	02-Jun-17	yes	1.99	on mkt buy	AUD	ord 4,834	4,834
BlackRock Investment Management (UK) Limited	05-Jun-17	yes	1.99	on mkt buy	AUD	ord 14,640	14,640
BlackRock Asset Management North Asia Limited	05-Jun-17	yes	1.99	on mkt buy	AUD	ord 9,898	9,898
BlackRock Advisors (UK) Limited	06-Jun-17	yes	1.93	on mkt buy	AUD	ord 9,670	9,670
BlackRock Fund Advisors	06-Jun-17	no	n/a	in specie	AUD	ord 49,385	49,385
BlackRock Fund Advisors	07-Jun-17	no	n/a	in specie	AUD	ord 16,536	16,536
BlackRock Fund Advisors	07-Jun-17	no	n/a	in specie	AUD	ord 16,912	16,912
BlackRock Investment Management (UK) Limited	07-Jun-17	no	n/a	in specie	AUD	ord 122,289	122,289
BlackRock Investment Management (UK) Limited	07-Jun-17	no	n/a	in specie	AUD	ord 459,310	459,310
BlackRock Advisors (UK) Limited	08-Jun-17	yes	1.95	on mkt buy	AUD	ord 4,858	4,858
BlackRock Fund Advisors	08-Jun-17	no	n/a	in specie	AUD	ord 4,452	4,452
BlackRock Advisors (UK) Limited	09-Jun-17	yes	1.97	on mkt buy	AUD	ord 1,278	1,278
BlackRock Advisors (UK) Limited	09-Jun-17	yes	1.97	on mkt buy	AUD	ord 1,780	1,780
BlackRock Fund Advisors	12-Jun-17	no	n/a	in specie	AUD	ord 14,110	14,110
BlackRock Advisors (UK) Limited	13-Jun-17	yes	1.96	on mkt buy	AUD	ord 24,295	24,295
BlackRock Japan Co., Ltd.	13-Jun-17	yes	1.96	on mkt buy	AUD	ord 30,557	30,557
BlackRock Advisors (UK) Limited	13-Jun-17	yes	1.96	on mkt buy	AUD	ord 1,168	1,168
BlackRock Fund Advisors	13-Jun-17	no	n/a	in specie	AUD	ord 35,275	35,275
BlackRock Investment Management (Australia) Limited	14-Jun-17	yes	1.97	on mkt buy	AUD	ord 168,574	168,574
BlackRock Advisors (UK) Limited	14-Jun-17	yes	1.98	on mkt buy	AUD	ord 19,436	19,436
BlackRock Advisors (UK) Limited	14-Jun-17	yes	1.98	on mkt buy	AUD	ord 580	580
BlackRock Advisors (UK) Limited	14-Jun-17	yes	1.98	on mkt buy	AUD	ord 4,400	4,400
BlackRock Institutional Trust Company, National Association	14-Jun-17	yes	1.98	on mkt buy	AUD	ord 545,306	545,306
BlackRock Advisors (UK) Limited	14-Jun-17	yes	1.97	on mkt buy	AUD	ord 121,475	121,475
BlackRock Fund Advisors	14-Jun-17	no	n/a	in specie	AUD	ord 5,724	5,724
BlackRock Fund Advisors	14-Jun-17	no	n/a	in specie	AUD	ord 27,795	27,795
BlackRock Advisors (UK) Limited	15-Jun-17	yes	1.92	on mkt buy	AUD	ord 14,577	14,577
BlackRock Advisors (UK) Limited	15-Jun-17	yes	1.92	on mkt buy	AUD	ord 6,160	6,160
BlackRock Investment Management (Australia) Limited	15-Jun-17	yes	1.92	on mkt buy	AUD	ord 76,483	76,483
BlackRock Advisors (UK) Limited	15-Jun-17	yes	1.92	on mkt buy	AUD	ord 534,490	534,490
BlackRock Asset Management North Asia Limited	16-Jun-17	yes	1.88	on mkt buy	AUD	ord 117,477	117,477
BlackRock Investment Management (Australia) Limited	16-Jun-17	yes	1.87	on mkt buy	AUD	ord 25,620	25,620
BlackRock Advisors (UK) Limited	16-Jun-17	yes	1.88	on mkt buy	AUD	ord 6,160	6,160
BlackRock Advisors (UK) Limited	16-Jun-17	yes	1.87	on mkt buy	AUD	ord 48,590	48,590
BlackRock Asset Management Canada Limited	16-Jun-17	yes	1.87	on mkt buy	AUD	ord 25,299	25,299
BlackRock Financial Management, Inc.	16-Jun-17	yes	1.87	on mkt buy	AUD	ord 28,046	28,046
BlackRock Institutional Trust Company, National Association	16-Jun-17	no	n/a	in specie	AUD	ord 9,115	9,115
BlackRock Advisors (UK) Limited	19-Jun-17	yes	1.89	on mkt buy	AUD	ord 4,859	4,859
BlackRock Advisors (UK) Limited	19-Jun-17	yes	1.89	on mkt buy	AUD	ord 14,577	14,577
BlackRock Advisors (UK) Limited	19-Jun-17	yes	1.89	on mkt buy	AUD	ord 1,762	1,762
BlackRock Investment Management (Australia) Limited	19-Jun-17	yes	1.89	on mkt buy	AUD	ord 261,676	261,676
BlackRock Fund Advisors	19-Jun-17	no	n/a	in specie	AUD	ord 10,615	10,615
BlackRock Advisors (UK) Limited	20-Jun-17	yes	1.90	on mkt buy	AUD	ord 4,834	4,834
BlackRock Advisors (UK) Limited	20-Jun-17	yes	1.90	on mkt buy	AUD	ord 24,295	24,295
BlackRock Advisors (UK) Limited	20-Jun-17	yes	1.90	on mkt buy	AUD	ord 6,167	6,167
BlackRock Advisors (UK) Limited	20-Jun-17	yes	1.90	on mkt buy	AUD	ord 92,321	92,321
BlackRock Investment Management (Australia) Limited	20-Jun-17	yes	1.90	on mkt buy	AUD	ord 197,553	197,553
BlackRock Fund Advisors	20-Jun-17	no	n/a	in specie	AUD	ord 21,178	21,178
BlackRock Advisors (UK) Limited	21-Jun-17	yes	1.87	on mkt buy	AUD	ord 14,574	14,574
BlackRock Fund Advisors	21-Jun-17	no	n/a	in specie	AUD	ord 6,369	6,369
BlackRock Fund Advisors	21-Jun-17	no	n/a	in specie	AUD	ord 19,756	19,756
BlackRock Institutional Trust Company, National Association	22-Jun-17	no	n/a	in specie	AUD	ord 54,896	54,896
BlackRock Advisors (UK) Limited	22-Jun-17	yes	1.86	on mkt buy	AUD	ord 881	881
BlackRock Investment Management (UK) Limited	22-Jun-17	no	n/a	in specie	AUD	ord 467,458	467,458
BlackRock Investment Management (UK) Limited	22-Jun-17	no	n/a	in specie	AUD	ord 124,060	124,060

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			Cash	Non-cash	CCY		
BlackRock Investment Management (UK) Limited	23-Jun-17	yes	1.91	on mkt buy	AUD	ord 64,935	64,935
BlackRock Advisors (UK) Limited	23-Jun-17	yes	1.92	on mkt buy	AUD	ord 893	893
BlackRock Advisors (UK) Limited	23-Jun-17	yes	1.92	on mkt buy	AUD	ord 1,786	1,786
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord 249,002	249,002
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord 110,186	110,186
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord 11,249	11,249
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord 14,467	14,467
BlackRock Investment Management (UK) Limited	26-Jun-17	yes	1.94	on mkt buy	AUD	ord 29,479	29,479
BlackRock Fund Advisors	26-Jun-17	no	n/a	in specie	AUD	ord 18,160	18,160
BlackRock Fund Advisors	26-Jun-17	no	n/a	in specie	AUD	ord 20,850	20,850
BlackRock Investment Management (UK) Limited	27-Jun-17	yes	1.95	on mkt buy	AUD	ord 8,312	8,312
BlackRock Investment Management (UK) Limited	27-Jun-17	yes	1.93	on mkt buy	AUD	ord 139,902	139,902
BlackRock Asset Management North Asia Limited	27-Jun-17	yes	1.95	on mkt buy	AUD	ord 4,979	4,979
BlackRock Investment Management (Australia) Limited	27-Jun-17	yes	1.93	on mkt buy	AUD	ord 85,235	85,235
BlackRock Advisors (UK) Limited	27-Jun-17	yes	1.94	on mkt buy	AUD	ord 4,858	4,858
BlackRock Fund Advisors	27-Jun-17	no	n/a	in specie	AUD	ord 54,480	54,480
BlackRock Fund Advisors	27-Jun-17	no	n/a	in specie	AUD	ord 23,608	23,608
BlackRock Fund Advisors	28-Jun-17	no	n/a	in specie	AUD	ord 27,240	27,240
BlackRock Fund Advisors	29-Jun-17	no	n/a	in specie	AUD	ord 27,240	27,240
BlackRock Fund Advisors	29-Jun-17	no	n/a	in specie	AUD	ord 27,240	27,240
BlackRock Investment Management (UK) Limited	30-Jun-17	yes	1.93	on mkt buy	AUD	ord 7,540	7,540
BlackRock Asset Management North Asia Limited	30-Jun-17	yes	1.93	on mkt buy	AUD	ord 75,012	75,012
BlackRock Investment Management (UK) Limited	30-Jun-17	yes	1.93	on mkt buy	AUD	ord 32,029	32,029
BlackRock Asset Management North Asia Limited	30-Jun-17	yes	1.93	on mkt buy	AUD	ord 3,730	3,730
BlackRock Advisors (UK) Limited	30-Jun-17	yes	1.92	on mkt buy	AUD	ord 1,786	1,786
BlackRock Fund Advisors	30-Jun-17	no	n/a	in specie	AUD	ord 72,640	72,640
BlackRock Fund Advisors	30-Jun-17	no	n/a	in specie	AUD	ord 27,240	27,240
BlackRock Fund Advisors	30-Jun-17	no	n/a	in specie	AUD	ord 45,400	45,400
BlackRock Investment Management (UK) Limited	03-Jul-17	yes	1.92	on mkt buy	AUD	ord 23,779	23,779
BlackRock Investment Management (Australia) Limited	04-Jul-17	yes	1.95	on mkt buy	AUD	ord 119,172	119,172
BlackRock Advisors (UK) Limited	05-Jul-17	yes	2.00	on mkt buy	AUD	ord 884	884
BlackRock Investment Management (Australia) Limited	05-Jul-17	yes	2.00	on mkt buy	AUD	ord 30,632	30,632
BlackRock Fund Advisors	05-Jul-17	yes	2.00	on mkt buy	AUD	ord 16,981	16,981
BlackRock Advisors, LLC	05-Jul-17	yes	2.00	on mkt buy	AUD	ord 284,854	284,854
BlackRock Investment Management (Australia) Limited	05-Jul-17	yes	2.00	on mkt buy	AUD	ord 25,411	25,411
BlackRock Fund Advisors	05-Jul-17	no	n/a	in specie	AUD	ord 12,698	12,698
BlackRock Fund Advisors	05-Jul-17	no	n/a	in specie	AUD	ord 36,320	36,320
BlackRock Advisors (UK) Limited	06-Jul-17	yes	2.01	on mkt buy	AUD	ord 1,329	1,329
BlackRock Investment Management (UK) Limited	06-Jul-17	yes	2.03	on mkt buy	AUD	ord 51,865	51,865
BlackRock Institutional Trust Company, National Association	06-Jul-17	yes	2.01	on mkt buy	AUD	ord 38,941	38,941
BlackRock Fund Advisors	06-Jul-17	no	n/a	in specie	AUD	ord 27,240	27,240
BlackRock Fund Advisors	06-Jul-17	no	n/a	in specie	AUD	ord 10,483	10,483
BlackRock Fund Advisors	07-Jul-17	yes	2.02	on mkt buy	AUD	ord 33,150	33,150
BlackRock Advisors (UK) Limited	07-Jul-17	yes	2.03	on mkt buy	AUD	ord 9,674	9,674
BlackRock Fund Advisors	07-Jul-17	no	n/a	in specie	AUD	ord 72,640	72,640
BlackRock Fund Advisors	07-Jul-17	no	n/a	in specie	AUD	ord 36,320	36,320
BlackRock Fund Advisors	07-Jul-17	no	n/a	in specie	AUD	ord 114,408	114,408
BlackRock Asset Management North Asia Limited	10-Jul-17	yes	2.06	on mkt buy	AUD	ord 32,767	32,767
BlackRock Advisors (UK) Limited	10-Jul-17	yes	2.04	on mkt buy	AUD	ord 1,768	1,768
BlackRock Fund Advisors	10-Jul-17	yes	2.04	on mkt buy	AUD	ord 32,818	32,818
BlackRock Advisors (UK) Limited	11-Jul-17	yes	2.04	on mkt buy	AUD	ord 7,040	7,040
BlackRock Advisors (UK) Limited	11-Jul-17	yes	2.04	on mkt buy	AUD	ord 35,325	35,325
BlackRock Advisors (UK) Limited	12-Jul-17	yes	2.03	on mkt buy	AUD	ord 36,963	36,963

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	12-Jul-17	yes	2.03	on mkt buy	AUD	ord	16,427	16,427
BlackRock Advisors, LLC	13-Jul-17	yes	2.00	on mkt buy	AUD	ord	8,646	8,646
BlackRock Asset Management North Asia Limited	13-Jul-17	yes	2.00	on mkt buy	AUD	ord	5,756	5,756
BlackRock Fund Advisors	13-Jul-17	no	n/a	in specie	AUD	ord	6,340	6,340
BlackRock Advisors, LLC	14-Jul-17	yes	2.00	on mkt buy	AUD	ord	11,380	11,380
BlackRock Asset Management North Asia Limited	14-Jul-17	yes	2.00	on mkt buy	AUD	ord	7,576	7,576
BlackRock Advisors (UK) Limited	14-Jul-17	yes	1.99	on mkt buy	AUD	ord	4,927	4,927
BlackRock Advisors (UK) Limited	14-Jul-17	yes	1.99	on mkt buy	AUD	ord	2,655	2,655
BlackRock Fund Advisors	14-Jul-17	no	n/a	in specie	AUD	ord	21,792	21,792
BlackRock Fund Advisors	17-Jul-17	no	n/a	in specie	AUD	ord	7,256	7,256
BlackRock Advisors, LLC	18-Jul-17	yes	2.00	on mkt buy	AUD	ord	14,004	14,004
BlackRock Asset Management North Asia Limited	18-Jul-17	yes	2.00	on mkt buy	AUD	ord	9,322	9,322
BlackRock Investment Management (Australia) Limited	18-Jul-17	yes	1.99	on mkt buy	AUD	ord	4,807	4,807
BlackRock Fund Advisors	18-Jul-17	no	n/a	in specie	AUD	ord	18,160	18,160
BlackRock Advisors, LLC	19-Jul-17	yes	1.97	on mkt buy	AUD	ord	5,181	5,181
BlackRock Asset Management North Asia Limited	19-Jul-17	yes	1.97	on mkt buy	AUD	ord	3,449	3,449
BlackRock Investment Management (Australia) Limited	19-Jul-17	yes	1.97	on mkt buy	AUD	ord	7,356	7,356
BlackRock Fund Advisors	19-Jul-17	no	n/a	in specie	AUD	ord	27,240	27,240
BlackRock Advisors, LLC	20-Jul-17	yes	1.92	on mkt buy	AUD	ord	8,823	8,823
BlackRock Asset Management North Asia Limited	20-Jul-17	yes	1.92	on mkt buy	AUD	ord	5,872	5,872
BlackRock Advisors (UK) Limited	20-Jul-17	yes	1.92	on mkt buy	AUD	ord	14,781	14,781
BlackRock Advisors (UK) Limited	20-Jul-17	yes	1.92	on mkt buy	AUD	ord	9,720	9,720
BlackRock Advisors (UK) Limited	20-Jul-17	yes	1.92	on mkt buy	AUD	ord	2,655	2,655
BlackRock Fund Advisors	20-Jul-17	no	n/a	in specie	AUD	ord	45,400	45,400
BlackRock Fund Advisors	21-Jul-17	no	n/a	in specie	AUD	ord	5,442	5,442
BlackRock Fund Advisors	21-Jul-17	no	n/a	in specie	AUD	ord	27,240	27,240
BlackRock Fund Advisors	21-Jul-17	no	n/a	in specie	AUD	ord	12,990	12,990
BlackRock Fund Advisors	21-Jul-17	no	n/a	in specie	AUD	ord	11,160	11,160
BlackRock Fund Advisors	24-Jul-17	no	n/a	in specie	AUD	ord	15,096	15,096
BlackRock Fund Advisors	24-Jul-17	no	n/a	in specie	AUD	ord	30,192	30,192
BlackRock Investment Management (UK) Limited	24-Jul-17	no	n/a	in specie	AUD	ord	96,152	96,152
BlackRock Japan Co., Ltd.	24-Jul-17	yes	1.92	on mkt buy	AUD	ord	159,480	159,480
BlackRock Fund Advisors	25-Jul-17	no	n/a	in specie	AUD	ord	7,264	7,264
BlackRock Fund Advisors	26-Jul-17	no	n/a	in specie	AUD	ord	3,662	3,662
BlackRock Fund Advisors	27-Jul-17	no	n/a	in specie	AUD	ord	36,091	36,091
BlackRock Fund Advisors	28-Jul-17	yes	1.90	on mkt buy	AUD	ord	19,028	19,028
BlackRock Fund Advisors	28-Jul-17	no	n/a	in specie	AUD	ord	3,662	3,662
BlackRock Fund Advisors	28-Jul-17	no	n/a	in specie	AUD	ord	12,698	12,698
BlackRock Fund Advisors	28-Jul-17	no	n/a	in specie	AUD	ord	16,326	16,326
BlackRock Investment Management (UK) Limited	28-Jul-17	no	n/a	in specie	AUD	ord	81,624	81,624
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 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

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	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
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

Annexure C

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

22-Aug-17
Kayla Mulvihill,
Authorised Signatory

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)