

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.

10-Jul-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		ord11,295	11,295	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		ord27,465	27,465	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		ord84,855	84,855	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		ord1,103,270	1,103,270	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 - J.P. Morgan Zurich		ord56,080	56,080	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		ord445,662	445,662	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		ord110,499	110,499	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		ord84,821	84,821	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	RBC-RBC DEXIA LUXEMBOURG		ord 24,161	24,161	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 1,425,964	1,425,964	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 3,200	3,200	subsidiary of BlackRock Inc.
BlackRock Advisors, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-THE BANK OF NEW YORK		ord 8,975	8,975	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 365,428	365,428	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 21,290	21,290	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 1,974	1,974	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET SACRAMENTO		ord 240,642	240,642	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	CITI-CITIBANK, HONG KONG		ord 621	621	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	HSBC-HSBC Institutional Trust Services (Asia) Ltd		ord 677,708	677,708	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 2,963	2,963	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	Northern Trust Singapore		ord 835	835	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ord 12,360	12,360	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-THE BANK OF NEW YORK		ord 63,066	63,066	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 17,250	17,250	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 44,911	44,911	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 34,925	34,925	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STATE HONG KONG		ord 127,017	127,017	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 23,606	23,606	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 98,779	98,779	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 31,089	31,089	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 6,616,664	6,616,664	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 40,000	40,000	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 782,123	782,123	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ord 847	847	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE - NEW YORK		ord 5,073	5,073	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.	GS-GOLDMAN SACHS PRIME BROKER - NEW YORK		ord 7,531	7,531	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 127,446	127,446	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	MS-MORGAN STANLEY & CO INC		ord 418	418	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 183,707	183,707	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 64,962	64,962	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 513,038	513,038	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 231,542	231,542	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 29,121	29,121	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 7,158,303	7,158,303	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	UBS- UBS- ZURICH		ord 4,208	4,208	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 48,964	48,964	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 198,374	198,374	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 4,784	4,784	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ord 1,945,303	1,945,303	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 263,767	263,767	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 73,823	73,823	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 26,002	26,002	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 273,578	273,578	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-BONY EUROPE - LONDON		ord 274,394	274,394	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 3,711	3,711	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	CITI-CITIBANK, LONDON		ord 481,770	481,770	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 134,480	134,480	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 36,692	36,692	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JPM CHASE - LONDON		ord 4,173	4,173	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 183,723	183,723	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NT-NORTHERN TRUST CO. - CHICAGO		ord 30,031	30,031	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NT-NORTHERN TRUST UK		ord 377,117	377,117	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 16,397	16,397	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STATE HONG KONG		ord 24,452	24,452	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK LUXEMBOURG		ord 131,213	131,213	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 44,793	44,793	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 293,576	293,576	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 366,360	366,360	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 374,850	374,850	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK LUXEMBOURG		ord 13,024	13,024	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 13,087	13,087	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 11,905	11,905	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 636,388	636,388	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JPM CHASE - LONDON		ord 135,211	135,211	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 Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	MITSUI-SUMITOMO TRUST		ord 26,804	26,804	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK, BOSTON		ord 8,826	8,826	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 142,496	142,496	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 394,133	394,133	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as responsible entity.	JPM-JPM CHASE - SYDNEY		ord 1,186,543	1,186,543	subsidiary of BlackRock Inc.

This is Annexure B of 11 pages referred to in form 603 Notice of initial substantial shareholder

10-Jul-17

Kayla Mulvihill,
Authorised Signatory

Date

5. Consideration

CHALLENGER LTD (CGF)									
Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected		
			Cash	Non-cash	CCY				
BlackRock Asset Management Canada Limited	07-Mar-17	yes	11.87	on mkt buy	AUD	ord	3,498		3,498
BlackRock Fund Advisors	08-Mar-17	no	n/a	in specie	AUD	ord	6,510		6,510
BlackRock Fund Advisors	08-Mar-17	no	n/a	in specie	AUD	ord	2,170		2,170
BlackRock Asset Management North Asia Limited	08-Mar-17	no	n/a	collateral transfer	AUD	ord	479,168		479,168
BlackRock Advisors (UK) Limited	09-Mar-17	yes	11.90	on mkt buy	AUD	ord	1,630		1,630
BlackRock Fund Advisors	09-Mar-17	no	n/a	in specie	AUD	ord	4,340		4,340
BlackRock Fund Advisors	09-Mar-17	no	n/a	in specie	AUD	ord	483		483
BlackRock Fund Advisors	09-Mar-17	no	n/a	in specie	AUD	ord	3,170		3,170
BlackRock Advisors (UK) Limited	10-Mar-17	yes	12.11	on mkt buy	AUD	ord	198		198
BlackRock Advisors (UK) Limited	10-Mar-17	yes	12.11	on mkt buy	AUD	ord	254		254
BlackRock Fund Advisors	10-Mar-17	no	n/a	in specie	AUD	ord	3,170		3,170
BlackRock Asset Management North Asia Limited	10-Mar-17	no	n/a	collateral transfer	AUD	ord	4		4
BlackRock Investment Management (Australia) Limited	13-Mar-17	no	n/a	in specie	AUD	ord	313,553		313,553
BlackRock Advisors (UK) Limited	14-Mar-17	yes	12.01	on mkt buy	AUD	ord	99		99
BlackRock Investment Management (Australia) Limited	15-Mar-17	yes	12.24	on mkt buy	AUD	ord	3,536		3,536
BlackRock Advisors (UK) Limited	16-Mar-17	yes	12.39	on mkt buy	AUD	ord	1,305		1,305
BlackRock Advisors (UK) Limited	16-Mar-17	yes	12.39	on mkt buy	AUD	ord	725		725
BlackRock Fund Advisors	16-Mar-17	no	n/a	in specie	AUD	ord	10,292		10,292
BlackRock Asset Management North Asia Limited	16-Mar-17	no	n/a	collateral transfer	AUD	ord	3		3
BlackRock Fund Advisors	17-Mar-17	no	n/a	in specie	AUD	ord	13,779		13,779
BlackRock Fund Advisors	17-Mar-17	no	n/a	in specie	AUD	ord	12,865		12,865
BlackRock Asset Management North Asia Limited	17-Mar-17	no	n/a	collateral transfer	AUD	ord	14,973		14,973
BlackRock Advisors (UK) Limited	20-Mar-17	yes	12.23	on mkt buy	AUD	ord	1,624		1,624
BlackRock Advisors (UK) Limited	20-Mar-17	yes	12.23	on mkt buy	AUD	ord	1,624		1,624
BlackRock Fund Advisors	20-Mar-17	no	n/a	in specie	AUD	ord	7,925		7,925
BlackRock Fund Advisors	20-Mar-17	no	n/a	in specie	AUD	ord	3,170		3,170
BlackRock Investment Management (Australia) Limited	21-Mar-17	yes	12.18	on mkt buy	AUD	ord	17,317		17,317
BlackRock Fund Advisors	21-Mar-17	yes	12.18	on mkt buy	AUD	ord	1,428		1,428
BlackRock Fund Advisors	21-Mar-17	no	n/a	in specie	AUD	ord	10,292		10,292
BlackRock Asset Management North Asia Limited	21-Mar-17	no	n/a	collateral transfer	AUD	ord	53,822		53,822
BlackRock Investment Management, LLC	22-Mar-17	yes	12.04	on mkt buy	AUD	ord	2,579		2,579
BlackRock Investment Management (Australia) Limited	22-Mar-17	yes	12.03	on mkt buy	AUD	ord	268		268
BlackRock Advisors (UK) Limited	22-Mar-17	yes	12.03	on mkt buy	AUD	ord	391		391
BlackRock Investment Management (Australia) Limited	22-Mar-17	yes	12.03	on mkt buy	AUD	ord	1,083		1,083
BlackRock Asset Management North Asia Limited	22-Mar-17	no	n/a	collateral transfer	AUD	ord	108,874		108,874
BlackRock Asset Management North Asia Limited	23-Mar-17	yes	12.12	on mkt buy	AUD	ord	435		435
BlackRock Fund Advisors	23-Mar-17	yes	12.12	on mkt buy	AUD	ord	10,035		10,035
BlackRock Fund Advisors	23-Mar-17	no	n/a	in specie	AUD	ord	5,146		5,146
BlackRock Asset Management North Asia Limited	23-Mar-17	no	n/a	collateral transfer	AUD	ord	104,344		104,344
BlackRock Fund Advisors	24-Mar-17	no	n/a	in specie	AUD	ord	5,146		5,146
BlackRock Investment Management (UK) Limited	27-Mar-17	yes	12.20	on mkt buy	AUD	ord	87,133		87,133
BlackRock Fund Advisors	27-Mar-17	no	n/a	in specie	AUD	ord	5,146		5,146
BlackRock Investment Management (UK) Limited	28-Mar-17	yes	12.34	on mkt buy	AUD	ord	89,910		89,910
BlackRock Advisors (UK) Limited	28-Mar-17	yes	12.35	on mkt buy	AUD	ord	1,126		1,126
BlackRock Advisors (UK) Limited	28-Mar-17	yes	12.35	on mkt buy	AUD	ord	3,378		3,378

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			Cash	Non-cash	CCY		
BlackRock Investment Management (Australia) Limited	28-Mar-17	yes	12.35	on mkt buy	AUD	ord 6,519	6,519
BlackRock Investment Management (Australia) Limited	28-Mar-17	yes	12.35	on mkt buy	AUD	ord 1,747	1,747
BlackRock Investment Management (Australia) Limited	28-Mar-17	yes	12.35	on mkt buy	AUD	ord 6,069	6,069
BlackRock Fund Advisors	28-Mar-17	no	n/a	in specie	AUD	ord 13,779	13,779
BlackRock Asset Management North Asia Limited	28-Mar-17	no	n/a	collateral transfer	AUD	ord 485,538	485,538
BlackRock Institutional Trust Company, National Association	29-Mar-17	yes	12.40	on mkt buy	AUD	ord 545	545
BlackRock Advisors (UK) Limited	29-Mar-17	yes	12.43	on mkt buy	AUD	ord 431	431
BlackRock Fund Advisors	29-Mar-17	yes	12.43	on mkt buy	AUD	ord 40,787	40,787
BlackRock Fund Advisors	29-Mar-17	no	n/a	in specie	AUD	ord 7,925	7,925
BlackRock Fund Advisors	29-Mar-17	no	n/a	in specie	AUD	ord 22,190	22,190
BlackRock Fund Advisors	30-Mar-17	yes	12.50	on mkt buy	AUD	ord 6,210	6,210
BlackRock Investment Management (Australia) Limited	30-Mar-17	yes	12.59	on mkt buy	AUD	ord 10,125	10,125
BlackRock Advisors (UK) Limited	30-Mar-17	yes	12.58	on mkt buy	AUD	ord 1,126	1,126
BlackRock Advisors (UK) Limited	30-Mar-17	yes	12.59	on mkt buy	AUD	ord 99	99
BlackRock Fund Advisors	30-Mar-17	yes	12.59	on mkt buy	AUD	ord 5,025	5,025
BlackRock Institutional Trust Company, National Association	30-Mar-17	yes	12.59	on mkt buy	AUD	ord 36,537	36,537
BlackRock Fund Advisors	30-Mar-17	yes	12.59	on mkt buy	AUD	ord 5,302	5,302
BlackRock Fund Advisors	30-Mar-17	no	n/a	in specie	AUD	ord 17,435	17,435
BlackRock Fund Advisors	30-Mar-17	no	n/a	in specie	AUD	ord 3,170	3,170
BlackRock Advisors (UK) Limited	31-Mar-17	yes	12.55	on mkt buy	AUD	ord 3,378	3,378
BlackRock Institutional Trust Company, National Association	31-Mar-17	yes	12.55	on mkt buy	AUD	ord 8,083	8,083
BlackRock Investment Management (UK) Limited	31-Mar-17	no	n/a	in specie	AUD	ord 19,589	19,589
BlackRock Fund Advisors	31-Mar-17	no	n/a	in specie	AUD	ord 13,869	13,869
BlackRock Fund Advisors	31-Mar-17	no	n/a	in specie	AUD	ord 9,246	9,246
BlackRock Institutional Trust Company, National Association	31-Mar-17	no	n/a	in specie	AUD	ord 13,555	13,555
BlackRock Investment Management (Australia) Limited	03-Apr-17	yes	12.49	on mkt buy	AUD	ord 10,125	10,125
BlackRock Advisors (UK) Limited	03-Apr-17	yes	12.49	on mkt buy	AUD	ord 1,140	1,140
BlackRock Institutional Trust Company, National Association	03-Apr-17	no	n/a	in specie	AUD	ord 2,380	2,380
BlackRock Advisors (UK) Limited	04-Apr-17	yes	12.61	on mkt buy	AUD	ord 1,126	1,126
BlackRock Fund Advisors	04-Apr-17	no	n/a	in specie	AUD	ord 13,869	13,869
BlackRock Fund Advisors	04-Apr-17	no	n/a	in specie	AUD	ord 3,170	3,170
BlackRock Advisors (UK) Limited	05-Apr-17	yes	12.78	on mkt buy	AUD	ord 158	158
BlackRock Fund Advisors	05-Apr-17	yes	12.78	on mkt buy	AUD	ord 3,673	3,673
BlackRock (Netherlands) B.V.	05-Apr-17	yes	12.78	on mkt buy	AUD	ord 2,212	2,212
BlackRock Fund Advisors	05-Apr-17	no	n/a	in specie	AUD	ord 6,690	6,690
BlackRock Investment Management (UK) Limited	05-Apr-17	no	n/a	in specie	AUD	ord 6,407	6,407
BlackRock Fund Advisors	05-Apr-17	no	n/a	in specie	AUD	ord 9,510	9,510
BlackRock Fund Advisors	05-Apr-17	no	n/a	in specie	AUD	ord 2,471	2,471
BlackRock Fund Advisors	05-Apr-17	no	n/a	in specie	AUD	ord 2,471	2,471
BlackRock Asset Management North Asia Limited	05-Apr-17	no	n/a	collateral transfer	AUD	ord 577,470	577,470
BlackRock Fund Advisors	06-Apr-17	yes	12.73	on mkt buy	AUD	ord 5,375	5,375
BlackRock Advisors (UK) Limited	06-Apr-17	yes	12.69	on mkt buy	AUD	ord 1,126	1,126
BlackRock Advisors (UK) Limited	06-Apr-17	yes	12.69	on mkt buy	AUD	ord 429	429
BlackRock Institutional Trust Company, National Association	06-Apr-17	yes	12.69	on mkt buy	AUD	ord 20,651	20,651
BlackRock Fund Advisors	06-Apr-17	yes	12.69	on mkt buy	AUD	ord 5,247	5,247
BlackRock Fund Advisors	06-Apr-17	no	n/a	in specie	AUD	ord 4,648	4,648
BlackRock Asset Management North Asia Limited	06-Apr-17	no	n/a	collateral transfer	AUD	ord 15,910	15,910
BlackRock Advisors (UK) Limited	07-Apr-17	yes	12.63	on mkt buy	AUD	ord 2,280	2,280
BlackRock Asset Management North Asia Limited	07-Apr-17	no	n/a	collateral transfer	AUD	ord 4,310	4,310
BlackRock Fund Advisors	10-Apr-17	no	n/a	in specie	AUD	ord 12,985	12,985
BlackRock Fund Advisors	10-Apr-17	no	n/a	in specie	AUD	ord 6,340	6,340
BlackRock Asset Management North Asia Limited	10-Apr-17	no	n/a	collateral transfer	AUD	ord 1,630	1,630
BlackRock Advisors (UK) Limited	11-Apr-17	yes	12.78	on mkt buy	AUD	ord 1,126	1,126
BlackRock Fund Advisors	11-Apr-17	no	n/a	in specie	AUD	ord 2,190	2,190
BlackRock Advisors (UK) Limited	12-Apr-17	yes	12.83	on mkt buy	AUD	ord 1,627	1,627
BlackRock Asset Management Canada Limited	12-Apr-17	yes	12.83	on mkt buy	AUD	ord 2,155	2,155

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BlackRock Fund Advisors	12-Apr-17	no	n/a	in specie	AUD	ord 1,744	1,744
BlackRock Fund Advisors	12-Apr-17	no	n/a	in specie	AUD	ord 21,800	21,800
BlackRock Fund Advisors	12-Apr-17	no	n/a	in specie	AUD	ord 2,616	2,616
BlackRock Asset Management North Asia Limited	13-Apr-17	yes	12.84	on mkt buy	AUD	ord 186	186
BlackRock Financial Management, Inc.	13-Apr-17	yes	12.83	on mkt buy	AUD	ord 6,833	6,833
BlackRock Financial Management, Inc.	13-Apr-17	yes	12.83	on mkt buy	AUD	ord 2,145	2,145
BlackRock Institutional Trust Company, National Association	13-Apr-17	yes	12.83	on mkt buy	AUD	ord 6,206	6,206
BlackRock Investment Management (Australia) Limited	13-Apr-17	yes	12.85	on mkt buy	AUD	ord 8,100	8,100
BlackRock Investment Management (Australia) Limited	13-Apr-17	yes	12.85	on mkt buy	AUD	ord 2,025	2,025
BlackRock Advisors (UK) Limited	13-Apr-17	yes	12.85	on mkt buy	AUD	ord 1,620	1,620
BlackRock Fund Advisors	13-Apr-17	no	n/a	in specie	AUD	ord 10,875	10,875
BlackRock Japan Co., Ltd.	18-Apr-17	yes	12.83	on mkt buy	AUD	ord 1,845	1,845
BlackRock Japan Co., Ltd.	18-Apr-17	yes	12.83	on mkt buy	AUD	ord 2,952	2,952
BlackRock Japan Co., Ltd.	18-Apr-17	yes	12.83	on mkt buy	AUD	ord 3,641	3,641
BlackRock Japan Co., Ltd.	18-Apr-17	yes	12.83	on mkt buy	AUD	ord 1,090	1,090
BlackRock Japan Co., Ltd.	18-Apr-17	yes	12.83	on mkt buy	AUD	ord 1,271	1,271
BlackRock Japan Co., Ltd.	18-Apr-17	yes	12.83	on mkt buy	AUD	ord 2,165	2,165
BlackRock Financial Management, Inc.	18-Apr-17	yes	12.83	on mkt buy	AUD	ord 8,281	8,281
BlackRock Financial Management, Inc.	18-Apr-17	yes	12.83	on mkt buy	AUD	ord 2,661	2,661
BlackRock Institutional Trust Company, National Association	18-Apr-17	yes	12.83	on mkt buy	AUD	ord 7,411	7,411
BlackRock Investment Management (Australia) Limited	18-Apr-17	yes	12.84	on mkt buy	AUD	ord 8,100	8,100
BlackRock Fund Advisors	18-Apr-17	yes	12.84	on mkt buy	AUD	ord 2,558	2,558
BlackRock Fund Advisors	18-Apr-17	no	n/a	in specie	AUD	ord 4,176	4,176
BlackRock Asset Management North Asia Limited	18-Apr-17	no	n/a	collateral transfer	AUD	ord 129,568	129,568
BlackRock Advisors (UK) Limited	19-Apr-17	yes	12.73	on mkt buy	AUD	ord 1,126	1,126
BlackRock Advisors (UK) Limited	19-Apr-17	yes	12.73	on mkt buy	AUD	ord 1,120	1,120
BlackRock Fund Advisors	19-Apr-17	no	n/a	in specie	AUD	ord 5,220	5,220
BlackRock Asset Management North Asia Limited	19-Apr-17	no	n/a	collateral transfer	AUD	ord 433,392	433,392
BlackRock Financial Management, Inc.	20-Apr-17	yes	12.64	on mkt buy	AUD	ord 9,935	9,935
BlackRock Financial Management, Inc.	20-Apr-17	yes	12.64	on mkt buy	AUD	ord 2,987	2,987
BlackRock Financial Management, Inc.	20-Apr-17	yes	12.64	on mkt buy	AUD	ord 2,234	2,234
BlackRock Institutional Trust Company, National Association	20-Apr-17	yes	12.64	on mkt buy	AUD	ord 8,354	8,354
BlackRock Investment Management (UK) Limited	20-Apr-17	yes	12.73	on mkt buy	AUD	ord 6,574	6,574
BlackRock Institutional Trust Company, National Association	20-Apr-17	yes	12.64	on mkt buy	AUD	ord 91,019	91,019
BlackRock Fund Advisors	21-Apr-17	yes	12.69	on mkt buy	AUD	ord 16,335	16,335
BlackRock Investment Management (UK) Limited	21-Apr-17	no	n/a	in specie	AUD	ord 3,972	3,972
BlackRock Investment Management (UK) Limited	21-Apr-17	no	n/a	in specie	AUD	ord 18,438	18,438
BlackRock Advisors (UK) Limited	24-Apr-17	yes	12.86	on mkt buy	AUD	ord 1,140	1,140
BlackRock Investment Management, LLC	24-Apr-17	yes	12.86	on mkt buy	AUD	ord 16,586	16,586
BlackRock Fund Advisors	24-Apr-17	yes	12.86	on mkt buy	AUD	ord 2,624	2,624
BlackRock Investment Management (UK) Limited	24-Apr-17	no	n/a	in specie	AUD	ord 43,464	43,464
BlackRock Asset Management North Asia Limited	24-Apr-17	no	n/a	collateral transfer	AUD	ord 128,636	128,636
BlackRock Asset Management North Asia Limited	25-Apr-17	no	n/a	collateral transfer	AUD	ord 475,794	475,794
BlackRock Advisors (UK) Limited	26-Apr-17	yes	13.11	on mkt buy	AUD	ord 3,238	3,238
BlackRock Advisors (UK) Limited	26-Apr-17	yes	13.11	on mkt buy	AUD	ord 9,430	9,430
BlackRock Fund Advisors	26-Apr-17	no	n/a	in specie	AUD	ord 3,996	3,996
BlackRock Fund Advisors	27-Apr-17	no	n/a	in specie	AUD	ord 3,996	3,996
BlackRock Asset Management North Asia Limited	27-Apr-17	no	n/a	collateral transfer	AUD	ord 304,116	304,116
BlackRock Institutional Trust Company, National Association	28-Apr-17	yes	13.21	on mkt buy	AUD	ord 2,711	2,711
BlackRock Institutional Trust Company, National Association	28-Apr-17	yes	13.21	on mkt buy	AUD	ord 5,136	5,136
BlackRock Advisors (UK) Limited	28-Apr-17	yes	13.22	on mkt buy	AUD	ord 1,618	1,618
BlackRock Advisors (UK) Limited	28-Apr-17	yes	13.22	on mkt buy	AUD	ord 318	318
BlackRock Investment Management (Australia) Limited	28-Apr-17	yes	13.22	on mkt buy	AUD	ord 5,697	5,697
BlackRock Fund Advisors	28-Apr-17	yes	13.22	on mkt buy	AUD	ord 8,361	8,361
BlackRock Fund Advisors	28-Apr-17	no	n/a	in specie	AUD	ord 4,440	4,440

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BlackRock Fund Advisors	28-Apr-17	no	n/a	in specie	AUD	ord 483	483
BlackRock Fund Advisors	28-Apr-17	no	n/a	in specie	AUD	ord 3,654	3,654
BlackRock Institutional Trust Company, National Association	28-Apr-17	no	n/a	in specie	AUD	ord 8,437	8,437
BlackRock Asset Management North Asia Limited	28-Apr-17	no	n/a	collateral transfer	AUD	ord 20,032	20,032
BlackRock Asset Management Canada Limited	01-May-17	yes	13.23	on mkt buy	AUD	ord 1,714	1,714
BlackRock Investment Management (Australia) Limited	01-May-17	yes	13.43	on mkt buy	AUD	ord 7,276	7,276
BlackRock Investment Management (Australia) Limited	01-May-17	yes	13.43	on mkt buy	AUD	ord 246	246
BlackRock Asset Management Canada Limited	02-May-17	yes	13.40	on mkt buy	AUD	ord 260	260
BlackRock Fund Advisors	02-May-17	yes	13.48	on mkt buy	AUD	ord 13,048	13,048
BlackRock Advisors, LLC	02-May-17	yes	13.48	on mkt buy	AUD	ord 32,088	32,088
BlackRock Fund Advisors	02-May-17	no	n/a	in specie	AUD	ord 2,190	2,190
BlackRock Fund Advisors	02-May-17	no	n/a	in specie	AUD	ord 352	352
BlackRock Asset Management North Asia Limited	02-May-17	no	n/a	collateral transfer	AUD	ord 664,128	664,128
BlackRock Institutional Trust Company, National Association	03-May-17	yes	13.50	on mkt buy	AUD	ord 113	113
BlackRock Advisors (UK) Limited	03-May-17	yes	13.44	on mkt buy	AUD	ord 254	254
BlackRock Fund Advisors	03-May-17	no	n/a	in specie	AUD	ord 10,388	10,388
BlackRock Financial Management, Inc.	04-May-17	yes	13.39	on mkt buy	AUD	ord 2,242	2,242
BlackRock Advisors (UK) Limited	04-May-17	yes	13.46	on mkt buy	AUD	ord 1,126	1,126
BlackRock Fund Advisors	04-May-17	no	n/a	in specie	AUD	ord 888	888
BlackRock Institutional Trust Company, National Association	05-May-17	yes	13.46	on mkt buy	AUD	ord 174	174
BlackRock Fund Advisors	05-May-17	no	n/a	in specie	AUD	ord 25,504	25,504
BlackRock Asset Management North Asia Limited	05-May-17	no	n/a	collateral transfer	AUD	ord 3	3
BlackRock Institutional Trust Company, National Association	08-May-17	no	n/a	in specie	AUD	ord 3,134	3,134
BlackRock Advisors (UK) Limited	08-May-17	yes	13.45	on mkt buy	AUD	ord 784	784
BlackRock Institutional Trust Company, National Association	08-May-17	yes	13.45	on mkt buy	AUD	ord 68,657	68,657
BlackRock Investment Management (UK) Limited	08-May-17	no	n/a	in specie	AUD	ord 41,978	41,978
BlackRock Fund Advisors	08-May-17	no	n/a	in specie	AUD	ord 7,791	7,791
BlackRock Fund Advisors	08-May-17	no	n/a	in specie	AUD	ord 4,782	4,782
BlackRock Japan Co., Ltd.	09-May-17	yes	13.42	on mkt buy	AUD	ord 6,205	6,205
BlackRock Institutional Trust Company, National Association	09-May-17	yes	13.42	on mkt buy	AUD	ord 415	415
BlackRock Japan Co., Ltd.	09-May-17	yes	13.42	on mkt buy	AUD	ord 5,124	5,124
BlackRock Japan Co., Ltd.	09-May-17	yes	13.42	on mkt buy	AUD	ord 7,202	7,202
BlackRock Japan Co., Ltd.	09-May-17	yes	13.42	on mkt buy	AUD	ord 3,827	3,827
BlackRock Advisors, LLC	09-May-17	yes	13.42	on mkt buy	AUD	ord 1,693	1,693
BlackRock Institutional Trust Company, National Association	09-May-17	yes	13.42	on mkt buy	AUD	ord 4,953	4,953
BlackRock Fund Advisors	09-May-17	yes	13.45	on mkt buy	AUD	ord 14,121	14,121
BlackRock Advisors (UK) Limited	09-May-17	yes	13.45	on mkt buy	AUD	ord 1,127	1,127
BlackRock Advisors (UK) Limited	09-May-17	yes	13.45	on mkt buy	AUD	ord 431	431
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord 1,480	1,480
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord 4,782	4,782
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord 2,471	2,471
BlackRock Fund Advisors	09-May-17	no	n/a	in specie	AUD	ord 7,970	7,970
BlackRock Fund Advisors	10-May-17	no	n/a	in specie	AUD	ord 3,188	3,188
BlackRock Fund Advisors	10-May-17	no	n/a	in specie	AUD	ord 2,148	2,148
BlackRock Fund Advisors	10-May-17	no	n/a	in specie	AUD	ord 7,970	7,970
BlackRock Asset Management North Asia Limited	10-May-17	no	n/a	collateral transfer	AUD	ord 520,840	520,840
BlackRock Fund Advisors	11-May-17	yes	13.35	on mkt buy	AUD	ord 16,966	16,966
BlackRock Fund Advisors	11-May-17	no	n/a	in specie	AUD	ord 3,208	3,208
BlackRock Institutional Trust Company, National Association	11-May-17	no	n/a	in specie	AUD	ord 3,911	3,911
BlackRock Advisors (UK) Limited	12-May-17	yes	13.16	on mkt buy	AUD	ord 6,768	6,768
BlackRock Investment Management (Australia) Limited	12-May-17	yes	13.05	on mkt buy	AUD	ord 268	268
BlackRock Advisors (UK) Limited	12-May-17	yes	13.05	on mkt buy	AUD	ord 3,480	3,480
BlackRock Advisors (UK) Limited	12-May-17	yes	13.05	on mkt buy	AUD	ord 101	101
BlackRock Advisors (UK) Limited	12-May-17	yes	13.05	on mkt buy	AUD	ord 1,305	1,305
BlackRock Fund Advisors	12-May-17	yes	13.05	on mkt buy	AUD	ord 28,218	28,218
BlackRock Fund Advisors	12-May-17	no	n/a	in specie	AUD	ord 11,228	11,228
BlackRock Fund Advisors	12-May-17	no	n/a	in specie	AUD	ord 3,208	3,208

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BlackRock Advisors (UK) Limited	12-May-17	no	n/a	in specie	AUD	ord 1,788	1,788
BlackRock Asset Management North Asia Limited	12-May-17	no	n/a	collateral transfer	AUD	ord 695,713	695,713
BlackRock Advisors (UK) Limited	15-May-17	yes	12.96	on mkt buy	AUD	ord 3,384	3,384
BlackRock Fund Advisors	15-May-17	no	n/a	in specie	AUD	ord 4,490	4,490
BlackRock Fund Advisors	15-May-17	no	n/a	in specie	AUD	ord 8,020	8,020
BlackRock Fund Advisors	15-May-17	no	n/a	in specie	AUD	ord 3,208	3,208
BlackRock Japan Co., Ltd.	16-May-17	yes	13.01	on mkt buy	AUD	ord 1,218	1,218
BlackRock Japan Co., Ltd.	16-May-17	yes	13.01	on mkt buy	AUD	ord 1,397	1,397
BlackRock Advisors (UK) Limited	16-May-17	yes	13.04	on mkt buy	AUD	ord 5,298	5,298
BlackRock Advisors (UK) Limited	16-May-17	yes	13.05	on mkt buy	AUD	ord 5,640	5,640
BlackRock Advisors (UK) Limited	16-May-17	yes	13.05	on mkt buy	AUD	ord 101	101
BlackRock Advisors (UK) Limited	16-May-17	yes	13.05	on mkt buy	AUD	ord 2,610	2,610
BlackRock Advisors (UK) Limited	16-May-17	yes	13.05	on mkt buy	AUD	ord 431	431
BlackRock Investment Management (Australia) Limited	16-May-17	yes	13.05	on mkt buy	AUD	ord 6,155	6,155
BlackRock Investment Management (Australia) Limited	16-May-17	yes	13.05	on mkt buy	AUD	ord 3,313	3,313
BlackRock Advisors (UK) Limited	16-May-17	no	n/a	in specie	AUD	ord 10,202	10,202
BlackRock Fund Advisors	16-May-17	no	n/a	in specie	AUD	ord 3,208	3,208
BlackRock Fund Advisors	16-May-17	no	n/a	in specie	AUD	ord 6,416	6,416
BlackRock Fund Advisors	16-May-17	no	n/a	in specie	AUD	ord 11,228	11,228
BlackRock Asset Management North Asia Limited	16-May-17	no	n/a	collateral transfer	AUD	ord 599,130	599,130
BlackRock Institutional Trust Company, National Association	17-May-17	yes	12.68	on mkt buy	AUD	ord 11,319	11,319
BlackRock Institutional Trust Company, National Association	17-May-17	yes	12.68	on mkt buy	AUD	ord 2,847	2,847
BlackRock Institutional Trust Company, National Association	17-May-17	yes	12.68	on mkt buy	AUD	ord 2,428	2,428
BlackRock Fund Advisors	17-May-17	yes	12.99	on mkt buy	AUD	ord 5,400	5,400
BlackRock Investment Management (Australia) Limited	17-May-17	yes	12.68	on mkt buy	AUD	ord 51,552	51,552
BlackRock Investment Management (Australia) Limited	17-May-17	yes	12.68	on mkt buy	AUD	ord 15,611	15,611
BlackRock Institutional Trust Company, National Association	17-May-17	yes	12.65	on mkt buy	AUD	ord 5,833	5,833
BlackRock Investment Management (Australia) Limited	17-May-17	yes	12.65	on mkt buy	AUD	ord 1,529	1,529
BlackRock Fund Advisors	17-May-17	yes	12.65	on mkt buy	AUD	ord 6,710	6,710
BlackRock Fund Advisors	17-May-17	no	n/a	in specie	AUD	ord 3,208	3,208
BlackRock Asset Management North Asia Limited	17-May-17	no	n/a	collateral transfer	AUD	ord 11,932	11,932
BlackRock Institutional Trust Company, National Association	18-May-17	yes	12.48	on mkt buy	AUD	ord 147	147
BlackRock Institutional Trust Company, National Association	18-May-17	yes	12.48	on mkt buy	AUD	ord 1,949	1,949
BlackRock Advisors (UK) Limited	18-May-17	yes	12.48	on mkt buy	AUD	ord 3,641	3,641
BlackRock Financial Management, Inc.	18-May-17	yes	12.48	on mkt buy	AUD	ord 9,031	9,031
BlackRock Financial Management, Inc.	18-May-17	yes	12.48	on mkt buy	AUD	ord 2,801	2,801
BlackRock International Limited	18-May-17	yes	12.48	on mkt buy	AUD	ord 4,431	4,431
BlackRock Institutional Trust Company, National Association	18-May-17	yes	12.48	on mkt buy	AUD	ord 51,786	51,786
BlackRock Institutional Trust Company, National Association	18-May-17	yes	12.48	on mkt buy	AUD	ord 1,185	1,185
BlackRock Financial Management, Inc.	18-May-17	yes	12.48	on mkt buy	AUD	ord 3,895	3,895
BlackRock Institutional Trust Company, National Association	18-May-17	yes	12.48	on mkt buy	AUD	ord 7,146	7,146
BlackRock Advisors (UK) Limited	18-May-17	yes	12.48	on mkt buy	AUD	ord 4,106	4,106
BlackRock Advisors (UK) Limited	18-May-17	yes	12.48	on mkt buy	AUD	ord 3,227	3,227
BlackRock Investment Management (UK) Limited	18-May-17	yes	12.44	on mkt buy	AUD	ord 16,472	16,472
BlackRock Advisors (UK) Limited	18-May-17	yes	12.59	on mkt buy	AUD	ord 40,730	40,730
BlackRock Advisors (UK) Limited	18-May-17	yes	12.59	on mkt buy	AUD	ord 3,381	3,381
BlackRock Advisors (UK) Limited	18-May-17	yes	12.59	on mkt buy	AUD	ord 8,395	8,395
BlackRock Advisors (UK) Limited	18-May-17	yes	12.58	on mkt buy	AUD	ord 1,127	1,127
BlackRock Advisors (UK) Limited	18-May-17	yes	12.59	on mkt buy	AUD	ord 290	290
BlackRock Advisors (UK) Limited	18-May-17	yes	12.59	on mkt buy	AUD	ord 1,305	1,305
BlackRock Advisors (UK) Limited	18-May-17	yes	12.59	on mkt buy	AUD	ord 2,250	2,250
BlackRock Advisors (UK) Limited	18-May-17	yes	12.59	on mkt buy	AUD	ord 1,127	1,127
BlackRock Fund Advisors	18-May-17	no	n/a	in specie	AUD	ord 14,019	14,019
BlackRock Institutional Trust Company, National Association	18-May-17	no	n/a	in specie	AUD	ord 2,773	2,773
BlackRock Investment Management (Australia) Limited	18-May-17	no	n/a	in specie	AUD	ord 53,900	53,900

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	18-May-17	no	n/a	collateral transfer	AUD	ord 21,307	21,307
BlackRock Advisors (UK) Limited	19-May-17	yes	12.60	on mkt buy	AUD	ord 1,450	1,450
BlackRock Advisors (UK) Limited	19-May-17	yes	12.70	on mkt buy	AUD	ord 1,293	1,293
BlackRock Investment Management (Australia) Limited	19-May-17	yes	12.70	on mkt buy	AUD	ord 4,724	4,724
BlackRock Asset Management North Asia Limited	19-May-17	no	n/a	collateral transfer	AUD	ord 36,517	36,517
BlackRock Advisors (UK) Limited	22-May-17	yes	12.83	on mkt buy	AUD	ord 1,154	1,154
BlackRock Advisors (UK) Limited	22-May-17	yes	12.83	on mkt buy	AUD	ord 1,127	1,127
BlackRock Fund Advisors	22-May-17	no	n/a	in specie	AUD	ord 4,812	4,812
BlackRock Fund Advisors	22-May-17	no	n/a	in specie	AUD	ord 3,208	3,208
BlackRock Fund Advisors	22-May-17	no	n/a	in specie	AUD	ord 14,436	14,436
BlackRock Asset Management North Asia Limited	22-May-17	no	n/a	collateral transfer	AUD	ord 9,640	9,640
BlackRock Institutional Trust Company, National Association	23-May-17	yes	12.88	on mkt buy	AUD	ord 118	118
BlackRock Advisors (UK) Limited	23-May-17	yes	12.84	on mkt buy	AUD	ord 5,820	5,820
BlackRock Advisors (UK) Limited	23-May-17	yes	12.84	on mkt buy	AUD	ord 725	725
BlackRock Fund Advisors	23-May-17	no	n/a	in specie	AUD	ord 8,020	8,020
BlackRock Institutional Trust Company, National Association	24-May-17	yes	13.09	on mkt buy	AUD	ord 304	304
BlackRock Institutional Trust Company, National Association	24-May-17	yes	13.09	on mkt buy	AUD	ord 17,171	17,171
BlackRock Institutional Trust Company, National Association	24-May-17	yes	13.09	on mkt buy	AUD	ord 6,610	6,610
BlackRock Institutional Trust Company, National Association	24-May-17	yes	13.09	on mkt buy	AUD	ord 6,814	6,814
BlackRock Investment Management (Australia) Limited	24-May-17	yes	13.09	on mkt buy	AUD	ord 39,668	39,668
BlackRock Investment Management (Australia) Limited	24-May-17	yes	13.09	on mkt buy	AUD	ord 21,131	21,131
BlackRock Advisors (UK) Limited	24-May-17	yes	13.17	on mkt buy	AUD	ord 3,258	3,258
BlackRock Advisors (UK) Limited	24-May-17	yes	13.17	on mkt buy	AUD	ord 1,160	1,160
BlackRock Advisors (UK) Limited	24-May-17	yes	13.17	on mkt buy	AUD	ord 870	870
BlackRock Fund Advisors	24-May-17	yes	13.17	on mkt buy	AUD	ord 7,179	7,179
BlackRock Investment Management (Australia) Limited	24-May-17	no	n/a	in specie	AUD	ord 4,800	4,800
BlackRock Fund Advisors	24-May-17	no	n/a	in specie	AUD	ord 352	352
BlackRock Investment Management, LLC	25-May-17	yes	13.15	on mkt buy	AUD	ord 2,794	2,794
BlackRock Institutional Trust Company, National Association	25-May-17	yes	13.15	on mkt buy	AUD	ord 1,938	1,938
BlackRock Institutional Trust Company, National Association	25-May-17	yes	13.15	on mkt buy	AUD	ord 1,017	1,017
BlackRock Advisors (UK) Limited	25-May-17	yes	13.15	on mkt buy	AUD	ord 2,449	2,449
BlackRock Japan Co., Ltd.	25-May-17	yes	13.15	on mkt buy	AUD	ord 11,207	11,207
BlackRock Japan Co., Ltd.	25-May-17	yes	13.15	on mkt buy	AUD	ord 3,287	3,287
BlackRock Japan Co., Ltd.	25-May-17	yes	13.15	on mkt buy	AUD	ord 1,804	1,804
BlackRock Japan Co., Ltd.	25-May-17	yes	13.15	on mkt buy	AUD	ord 2,102	2,102
BlackRock Japan Co., Ltd.	25-May-17	yes	13.15	on mkt buy	AUD	ord 2,784	2,784
BlackRock International Limited	25-May-17	yes	13.15	on mkt buy	AUD	ord 3,064	3,064
BlackRock Institutional Trust Company, National Association	25-May-17	yes	13.15	on mkt buy	AUD	ord 13,460	13,460
BlackRock Financial Management, Inc.	25-May-17	yes	13.15	on mkt buy	AUD	ord 2,433	2,433
BlackRock Advisors (UK) Limited	25-May-17	yes	13.17	on mkt buy	AUD	ord 3,462	3,462
BlackRock Institutional Trust Company, National Association	25-May-17	yes	13.17	on mkt buy	AUD	ord 9,221	9,221
BlackRock Investment Management (Australia) Limited	25-May-17	yes	13.17	on mkt buy	AUD	ord 1,511	1,511
BlackRock Advisors (UK) Limited	26-May-17	yes	13.14	on mkt buy	AUD	ord 17,803	17,803
BlackRock Advisors (UK) Limited	26-May-17	yes	13.16	on mkt buy	AUD	ord 1,154	1,154
BlackRock Advisors (UK) Limited	26-May-17	yes	13.16	on mkt buy	AUD	ord 4,848	4,848
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 5,304	5,304
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 6,416	6,416
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 3,654	3,654
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord 4,942	4,942
BlackRock Institutional Trust Company, National Association	26-May-17	no	n/a	in specie	AUD	ord 179,009	179,009
BlackRock Investment Management (UK) Limited	26-May-17	no	n/a	in specie	AUD	ord 22,567	22,567
BlackRock Investment Management (UK) Limited	26-May-17	no	n/a	in specie	AUD	ord 6,085	6,085
BlackRock Advisors (UK) Limited	29-May-17	yes	13.00	on mkt buy	AUD	ord 3,024	3,024
BlackRock Investment Management (Australia) Limited	30-May-17	yes	12.97	on mkt buy	AUD	ord 25,958	25,958

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	30-May-17	yes	12.97	on mkt buy	AUD	ord 29,289	29,289
BlackRock Advisors (UK) Limited	30-May-17	yes	13.00	on mkt buy	AUD	ord 3,023	3,023
BlackRock Fund Advisors	30-May-17	no	n/a	in specie	AUD	ord 14,436	14,436
BlackRock Fund Advisors	30-May-17	no	n/a	in specie	AUD	ord 6,416	6,416
BlackRock Institutional Trust Company, National Association	31-May-17	yes	12.88	on mkt buy	AUD	ord 1,607	1,607
BlackRock Investment Management, LLC	31-May-17	yes	12.88	on mkt buy	AUD	ord 1,765	1,765
BlackRock Institutional Trust Company, National Association	31-May-17	yes	12.89	on mkt buy	AUD	ord 1,745	1,745
BlackRock Advisors (UK) Limited	31-May-17	yes	12.88	on mkt buy	AUD	ord 2,632	2,632
BlackRock Japan Co., Ltd.	31-May-17	yes	12.89	on mkt buy	AUD	ord 12,287	12,287
BlackRock Japan Co., Ltd.	31-May-17	yes	12.88	on mkt buy	AUD	ord 4,076	4,076
BlackRock Japan Co., Ltd.	31-May-17	yes	12.88	on mkt buy	AUD	ord 4,157	4,157
BlackRock Japan Co., Ltd.	31-May-17	yes	12.88	on mkt buy	AUD	ord 1,687	1,687
BlackRock Japan Co., Ltd.	31-May-17	yes	12.88	on mkt buy	AUD	ord 2,019	2,019
BlackRock International Limited	31-May-17	yes	12.89	on mkt buy	AUD	ord 4,358	4,358
BlackRock Institutional Trust Company, National Association	31-May-17	yes	12.88	on mkt buy	AUD	ord 1,075	1,075
BlackRock Financial Management, Inc.	31-May-17	yes	12.88	on mkt buy	AUD	ord 4,436	4,436
BlackRock Advisors (UK) Limited	31-May-17	yes	12.88	on mkt buy	AUD	ord 2,829	2,829
BlackRock Advisors (UK) Limited	31-May-17	yes	12.88	on mkt buy	AUD	ord 2,435	2,435
BlackRock Institutional Trust Company, National Association	31-May-17	yes	12.88	on mkt buy	AUD	ord 3,411	3,411
BlackRock Advisors (UK) Limited	31-May-17	yes	12.79	on mkt buy	AUD	ord 2,275	2,275
BlackRock Advisors (UK) Limited	31-May-17	yes	12.79	on mkt buy	AUD	ord 67,757	67,757
BlackRock Advisors, LLC	31-May-17	yes	12.79	on mkt buy	AUD	ord 22,952	22,952
BlackRock Advisors (UK) Limited	31-May-17	yes	12.79	on mkt buy	AUD	ord 2,298	2,298
BlackRock Advisors (UK) Limited	31-May-17	yes	12.90	on mkt buy	AUD	ord 2,298	2,298
BlackRock Institutional Trust Company, National Association	31-May-17	yes	12.79	on mkt buy	AUD	ord 18,099	18,099
BlackRock International Limited	31-May-17	yes	12.79	on mkt buy	AUD	ord 6,850	6,850
BlackRock Institutional Trust Company, National Association	31-May-17	yes	12.79	on mkt buy	AUD	ord 523	523
BlackRock Advisors (UK) Limited	01-Jun-17	yes	12.78	on mkt buy	AUD	ord 3,480	3,480
BlackRock Advisors (UK) Limited	01-Jun-17	yes	12.78	on mkt buy	AUD	ord 987	987
BlackRock Advisors (UK) Limited	01-Jun-17	yes	12.78	on mkt buy	AUD	ord 860	860
BlackRock Investment Management (Australia) Limited	01-Jun-17	yes	12.78	on mkt buy	AUD	ord 4,664	4,664
BlackRock Institutional Trust Company, National Association	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 244	244
BlackRock Institutional Trust Company, National Association	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 1,867	1,867
BlackRock Institutional Trust Company, National Association	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 2,557	2,557
BlackRock Advisors (UK) Limited	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 15,346	15,346
BlackRock Asset Management Canada Limited	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 1,712	1,712
BlackRock Financial Management, Inc.	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 11,768	11,768
BlackRock Financial Management, Inc.	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 3,357	3,357
BlackRock International Limited	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 4,747	4,747
BlackRock Institutional Trust Company, National Association	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 22,738	22,738
BlackRock Institutional Trust Company, National Association	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 1,051	1,051
BlackRock Financial Management, Inc.	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 6,124	6,124
BlackRock Institutional Trust Company, National Association	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 7,782	7,782
BlackRock Institutional Trust Company, National Association	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 3,849	3,849
BlackRock Institutional Trust Company, National Association	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 10,176	10,176
BlackRock Advisors (UK) Limited	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 4,777	4,777
BlackRock Advisors (UK) Limited	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 4,078	4,078
BlackRock Institutional Trust Company, National Association	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 5,415	5,415
BlackRock Institutional Trust Company, National Association	02-Jun-17	yes	12.95	on mkt buy	AUD	ord 8,244	8,244
BlackRock Advisors (UK) Limited	02-Jun-17	yes	12.88	on mkt buy	AUD	ord 1,149	1,149
BlackRock (Netherlands) B.V.	02-Jun-17	yes	12.88	on mkt buy	AUD	ord 1,077	1,077
BlackRock Fund Advisors	02-Jun-17	no	n/a	in specie	AUD	ord 483	483
BlackRock Fund Advisors	02-Jun-17	no	n/a	in specie	AUD	ord 352	352
BlackRock Advisors (UK) Limited	05-Jun-17	yes	12.78	on mkt buy	AUD	ord 4,857	4,857
BlackRock Asset Management North Asia Limited	05-Jun-17	no	n/a	collateral transfer	AUD	ord 814,638	814,638

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	06-Jun-17	yes		12.60	on mkt buy	AUD	ord	19,562	19,562
BlackRock Advisors (UK) Limited	06-Jun-17	yes		12.53	on mkt buy	AUD	ord	2,300	2,300
BlackRock Fund Advisors	06-Jun-17	no	n/a		in specie	AUD	ord	11,228	11,228
BlackRock Institutional Trust Company, National Association	07-Jun-17	yes		12.47	on mkt buy	AUD	ord	1,735	1,735
BlackRock Japan Co., Ltd.	07-Jun-17	yes		12.47	on mkt buy	AUD	ord	11,827	11,827
BlackRock International Limited	07-Jun-17	yes		12.47	on mkt buy	AUD	ord	2,844	2,844
BlackRock Advisors (UK) Limited	07-Jun-17	yes		12.45	on mkt buy	AUD	ord	1,039	1,039
BlackRock Institutional Trust Company, National Association	07-Jun-17	yes		12.47	on mkt buy	AUD	ord	9,734	9,734
BlackRock Japan Co., Ltd.	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	10,846	10,846
BlackRock Financial Management, Inc.	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	8,227	8,227
BlackRock Institutional Trust Company, National Association	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	13,256	13,256
BlackRock Investment Management, LLC	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	1,999	1,999
BlackRock Institutional Trust Company, National Association	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	1,336	1,336
BlackRock Advisors (UK) Limited	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	2,255	2,255
BlackRock Japan Co., Ltd.	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	5,305	5,305
BlackRock Japan Co., Ltd.	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	1,933	1,933
BlackRock Japan Co., Ltd.	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	2,219	2,219
BlackRock Japan Co., Ltd.	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	3,564	3,564
BlackRock Financial Management, Inc.	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	3,045	3,045
BlackRock Financial Management, Inc.	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	4,880	4,880
BlackRock Institutional Trust Company, National Association	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	6,648	6,648
BlackRock Institutional Trust Company, National Association	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	2,100	2,100
BlackRock Institutional Trust Company, National Association	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	7,217	7,217
BlackRock Advisors (UK) Limited	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	3,106	3,106
BlackRock Advisors (UK) Limited	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	2,608	2,608
BlackRock Institutional Trust Company, National Association	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	6,025	6,025
BlackRock Institutional Trust Company, National Association	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	4,492	4,492
BlackRock Institutional Trust Company, National Association	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	296	296
BlackRock Japan Co., Ltd.	07-Jun-17	yes		12.48	on mkt buy	AUD	ord	4,411	4,411
BlackRock Fund Advisors	07-Jun-17	no	n/a		in specie	AUD	ord	3,848	3,848
BlackRock Investment Management (UK) Limited	07-Jun-17	no	n/a		in specie	AUD	ord	27,808	27,808
BlackRock Investment Management (UK) Limited	07-Jun-17	no	n/a		in specie	AUD	ord	104,445	104,445
BlackRock Asset Management North Asia Limited	07-Jun-17	no	n/a		collateral transfer	AUD	ord	353	353
BlackRock Advisors (UK) Limited	08-Jun-17	yes		12.57	on mkt buy	AUD	ord	1,160	1,160
BlackRock Fund Advisors	08-Jun-17	no	n/a		in specie	AUD	ord	1,036	1,036
BlackRock Institutional Trust Company, National Association	09-Jun-17	yes		12.71	on mkt buy	AUD	ord	371	371
BlackRock Financial Management, Inc.	09-Jun-17	yes		12.71	on mkt buy	AUD	ord	8,800	8,800
BlackRock Financial Management, Inc.	09-Jun-17	yes		12.71	on mkt buy	AUD	ord	2,665	2,665
BlackRock Financial Management, Inc.	09-Jun-17	yes		12.71	on mkt buy	AUD	ord	3,591	3,591
BlackRock Institutional Trust Company, National Association	09-Jun-17	yes		12.71	on mkt buy	AUD	ord	6,620	6,620
BlackRock Advisors (UK) Limited	09-Jun-17	yes		12.72	on mkt buy	AUD	ord	1,621	1,621
BlackRock Advisors, LLC	09-Jun-17	yes		12.72	on mkt buy	AUD	ord	7,599	7,599
BlackRock Advisors (UK) Limited	09-Jun-17	yes		12.72	on mkt buy	AUD	ord	318	318
BlackRock Fund Advisors	12-Jun-17	no	n/a		in specie	AUD	ord	3,208	3,208
BlackRock Institutional Trust Company, National Association	13-Jun-17	no	n/a		in specie	AUD	ord	20,095	20,095
BlackRock Institutional Trust Company, National Association	13-Jun-17	yes		12.92	on mkt buy	AUD	ord	3,636	3,636
BlackRock Japan Co., Ltd.	13-Jun-17	yes		12.92	on mkt buy	AUD	ord	7,670	7,670
BlackRock International Limited	13-Jun-17	yes		12.92	on mkt buy	AUD	ord	5,983	5,983
BlackRock Institutional Trust Company, National Association	13-Jun-17	yes		12.92	on mkt buy	AUD	ord	2,137	2,137
BlackRock Investment Management, LLC	13-Jun-17	yes		12.92	on mkt buy	AUD	ord	1,326	1,326
BlackRock Institutional Trust Company, National Association	13-Jun-17	yes		12.92	on mkt buy	AUD	ord	1,445	1,445
BlackRock Advisors (UK) Limited	13-Jun-17	yes		12.92	on mkt buy	AUD	ord	3,635	3,635
BlackRock Japan Co., Ltd.	13-Jun-17	yes		12.92	on mkt buy	AUD	ord	4,724	4,724
BlackRock Japan Co., Ltd.	13-Jun-17	yes		12.92	on mkt buy	AUD	ord	6,097	6,097
BlackRock Japan Co., Ltd.	13-Jun-17	yes		12.92	on mkt buy	AUD	ord	3,012	3,012

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 Japan Co., Ltd.	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 3,466	3,466
BlackRock Japan Co., Ltd.	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 2,751	2,751
BlackRock Advisors, LLC	13-Jun-17	yes	12.82	on mkt buy	AUD	ord 1,376	1,376
BlackRock Asset Management Canada Limited	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 2,277	2,277
BlackRock Financial Management, Inc.	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 13,075	13,075
BlackRock Financial Management, Inc.	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 4,309	4,309
BlackRock Institutional Trust Company, National Association	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 18,241	18,241
BlackRock Institutional Trust Company, National Association	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 1,117	1,117
BlackRock Financial Management, Inc.	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 6,690	6,690
BlackRock Investment Management, LLC	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 3,763	3,763
BlackRock Advisors, LLC	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 1,042	1,042
BlackRock Institutional Trust Company, National Association	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 2,461	2,461
BlackRock Institutional Trust Company, National Association	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 11,586	11,586
BlackRock Advisors (UK) Limited	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 5,366	5,366
BlackRock Advisors (UK) Limited	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 5,428	5,428
BlackRock Investment Management (UK) Limited	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 4,173	4,173
BlackRock Institutional Trust Company, National Association	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 10,543	10,543
BlackRock Institutional Trust Company, National Association	13-Jun-17	yes	12.92	on mkt buy	AUD	ord 12,205	12,205
BlackRock Advisors (UK) Limited	13-Jun-17	yes	13.03	on mkt buy	AUD	ord 5,800	5,800
BlackRock Advisors (UK) Limited	13-Jun-17	yes	13.03	on mkt buy	AUD	ord 188	188
BlackRock Fund Advisors	13-Jun-17	no	n/a	in specie	AUD	ord 8,020	8,020
BlackRock Fund Advisors	13-Jun-17	no	n/a	in specie	AUD	ord 352	352
BlackRock Investment Management (Australia) Limited	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 75,583	75,583
BlackRock Investment Management (Australia) Limited	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 48,074	48,074
BlackRock Institutional Trust Company, National Association	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 13,203	13,203
BlackRock Institutional Trust Company, National Association	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 1,981	1,981
BlackRock Institutional Trust Company, National Association	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 2,046	2,046
BlackRock Institutional Trust Company, National Association	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 1,898	1,898
BlackRock Institutional Trust Company, National Association	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 809	809
BlackRock Advisors (UK) Limited	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 4,640	4,640
BlackRock Advisors (UK) Limited	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 705	705
BlackRock Advisors (UK) Limited	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 93	93
BlackRock Advisors (UK) Limited	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 5,444	5,444
BlackRock Institutional Trust Company, National Association	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 84,454	84,454
BlackRock Advisors (UK) Limited	14-Jun-17	yes	13.25	on mkt buy	AUD	ord 29,000	29,000
BlackRock Fund Advisors	14-Jun-17	no	n/a	in specie	AUD	ord 1,332	1,332
BlackRock Fund Advisors	14-Jun-17	no	n/a	in specie	AUD	ord 6,600	6,600
BlackRock Asset Management North Asia Limited	14-Jun-17	no	n/a	collateral transfer	AUD	ord 777,924	777,924
BlackRock Institutional Trust Company, National Association	15-Jun-17	yes	13.11	on mkt buy	AUD	ord 789	789
BlackRock Institutional Trust Company, National Association	15-Jun-17	yes	13.11	on mkt buy	AUD	ord 1,612	1,612
BlackRock Institutional Trust Company, National Association	15-Jun-17	yes	13.13	on mkt buy	AUD	ord 2,283	2,283
BlackRock Advisors (UK) Limited	15-Jun-17	yes	13.11	on mkt buy	AUD	ord 2,841	2,841
BlackRock Asset Management Canada Limited	15-Jun-17	yes	13.11	on mkt buy	AUD	ord 1,810	1,810
BlackRock Financial Management, Inc.	15-Jun-17	yes	13.11	on mkt buy	AUD	ord 10,475	10,475
BlackRock Financial Management, Inc.	15-Jun-17	yes	13.11	on mkt buy	AUD	ord 3,334	3,334
BlackRock International Limited	15-Jun-17	yes	13.13	on mkt buy	AUD	ord 3,782	3,782
BlackRock Institutional Trust Company, National Association	15-Jun-17	yes	13.11	on mkt buy	AUD	ord 11,042	11,042
BlackRock Financial Management, Inc.	15-Jun-17	yes	13.11	on mkt buy	AUD	ord 4,072	4,072
BlackRock Institutional Trust Company, National Association	15-Jun-17	yes	13.11	on mkt buy	AUD	ord 9,025	9,025
BlackRock Advisors (UK) Limited	15-Jun-17	yes	13.11	on mkt buy	AUD	ord 3,332	3,332
BlackRock Advisors (UK) Limited	15-Jun-17	yes	13.11	on mkt buy	AUD	ord 2,360	2,360

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 Institutional Trust Company, National Association	15-Jun-17	yes	13.11	on mkt buy	AUD	ord 9,807	9,807
BlackRock Advisors (UK) Limited	15-Jun-17	yes	13.18	on mkt buy	AUD	ord 3,480	3,480
BlackRock Advisors (UK) Limited	15-Jun-17	yes	13.18	on mkt buy	AUD	ord 987	987
BlackRock Advisors (UK) Limited	15-Jun-17	yes	13.18	on mkt buy	AUD	ord 127,600	127,600
BlackRock Institutional Trust Company, National Association	16-Jun-17	yes	13.21	on mkt buy	AUD	ord 543	543
BlackRock Investment Management (Australia) Limited	16-Jun-17	yes	13.20	on mkt buy	AUD	ord 6,750	6,750
BlackRock Advisors (UK) Limited	16-Jun-17	yes	13.21	on mkt buy	AUD	ord 987	987
BlackRock Advisors (UK) Limited	16-Jun-17	yes	13.20	on mkt buy	AUD	ord 11,600	11,600
BlackRock Investment Management, LLC	16-Jun-17	yes	13.20	on mkt buy	AUD	ord 2,137	2,137
BlackRock Asset Management Canada Limited	16-Jun-17	yes	13.20	on mkt buy	AUD	ord 6,627	6,627
BlackRock Investment Management (Australia) Limited	16-Jun-17	yes	13.20	on mkt buy	AUD	ord 11,134	11,134
BlackRock Investment Management (Australia) Limited	16-Jun-17	yes	13.20	on mkt buy	AUD	ord 1,943	1,943
BlackRock Investment Management (Australia) Limited	16-Jun-17	yes	13.20	on mkt buy	AUD	ord 4,423	4,423
BlackRock Investment Management (Australia) Limited	16-Jun-17	yes	13.20	on mkt buy	AUD	ord 6,810	6,810
BlackRock Institutional Trust Company, National Association	16-Jun-17	no	n/a	in specie	AUD	ord 2,334	2,334
BlackRock Asset Management North Asia Limited	16-Jun-17	no	n/a	collateral transfer	AUD	ord 69,687	69,687
BlackRock Institutional Trust Company, National Association	19-Jun-17	yes	13.22	on mkt buy	AUD	ord 1,341	1,341
BlackRock Advisors (UK) Limited	19-Jun-17	yes	13.24	on mkt buy	AUD	ord 1,160	1,160
BlackRock Advisors (UK) Limited	19-Jun-17	yes	13.24	on mkt buy	AUD	ord 3,480	3,480
BlackRock Advisors (UK) Limited	19-Jun-17	yes	13.24	on mkt buy	AUD	ord 282	282
BlackRock Investment Management (Australia) Limited	19-Jun-17	yes	13.24	on mkt buy	AUD	ord 63,819	63,819
BlackRock Fund Advisors	20-Jun-17	yes	13.30	on mkt buy	AUD	ord 4,998	4,998
BlackRock Investment Management, LLC	20-Jun-17	yes	13.30	on mkt buy	AUD	ord 3,119	3,119
BlackRock Institutional Trust Company, National Association	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 1,689	1,689
BlackRock Japan Co., Ltd.	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 7,704	7,704
BlackRock International Limited	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 3,500	3,500
BlackRock Institutional Trust Company, National Association	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 1,910	1,910
BlackRock Japan Co., Ltd.	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 2,806	2,806
BlackRock Japan Co., Ltd.	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 1,679	1,679
BlackRock Japan Co., Ltd.	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 1,907	1,907
BlackRock Asset Management Canada Limited	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 1,490	1,490
BlackRock Financial Management, Inc.	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 5,561	5,561
BlackRock Financial Management, Inc.	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 1,854	1,854
BlackRock Financial Management, Inc.	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 2,198	2,198
BlackRock Institutional Trust Company, National Association	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 5,084	5,084
BlackRock Advisors (UK) Limited	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 3,173	3,173
BlackRock Advisors (UK) Limited	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 2,234	2,234
BlackRock Investment Management (Australia) Limited	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 18,640	18,640
BlackRock Institutional Trust Company, National Association	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 2,923	2,923
BlackRock Advisors (UK) Limited	20-Jun-17	yes	13.19	on mkt buy	AUD	ord 1,149	1,149
BlackRock Advisors (UK) Limited	20-Jun-17	yes	13.19	on mkt buy	AUD	ord 5,800	5,800
BlackRock Advisors (UK) Limited	20-Jun-17	yes	13.19	on mkt buy	AUD	ord 987	987
BlackRock Investment Management, LLC	20-Jun-17	yes	13.19	on mkt buy	AUD	ord 1,377	1,377
BlackRock Advisors (UK) Limited	20-Jun-17	yes	13.24	on mkt buy	AUD	ord 22,040	22,040
BlackRock Investment Management (Australia) Limited	20-Jun-17	yes	13.19	on mkt buy	AUD	ord 48,437	48,437
BlackRock Fund Advisors	20-Jun-17	no	n/a	in specie	AUD	ord 5,044	5,044
BlackRock Advisors (UK) Limited	21-Jun-17	yes	13.03	on mkt buy	AUD	ord 518	518
BlackRock Advisors (UK) Limited	21-Jun-17	yes	13.04	on mkt buy	AUD	ord 3,480	3,480
BlackRock Advisors (UK) Limited	21-Jun-17	yes	13.04	on mkt buy	AUD	ord 432	432
BlackRock Fund Advisors	21-Jun-17	no	n/a	in specie	AUD	ord 4,586	4,586
BlackRock Institutional Trust Company, National Association	22-Jun-17	no	n/a	in specie	AUD	ord 12,333	12,333
BlackRock Advisors (UK) Limited	22-Jun-17	yes	13.38	on mkt buy	AUD	ord 141	141
BlackRock Fund Advisors	22-Jun-17	no	n/a	in specie	AUD	ord 483	483
BlackRock Investment Management (UK) Limited	22-Jun-17	no	n/a	in specie	AUD	ord 106,136	106,136

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected
			Cash	Non-cash	CCY		
BlackRock Investment Management (UK) Limited	22-Jun-17	no	n/a	in specie	AUD	ord 28,167	28,167
BlackRock Advisors (UK) Limited	23-Jun-17	yes	13.39	on mkt buy	AUD	ord 159	159
BlackRock Advisors (UK) Limited	23-Jun-17	yes	13.39	on mkt buy	AUD	ord 318	318
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord 56,535	56,535
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord 2,553	2,553
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord 25,017	25,017
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord 3,285	3,285
BlackRock Asset Management North Asia Limited	23-Jun-17	no	n/a	collateral transfer	AUD	ord 592,208	592,208
BlackRock Fund Advisors	26-Jun-17	yes	13.46	on mkt buy	AUD	ord 583	583
BlackRock Fund Advisors	26-Jun-17	no	n/a	in specie	AUD	ord 4,310	4,310
BlackRock Fund Advisors	26-Jun-17	no	n/a	in specie	AUD	ord 4,740	4,740
BlackRock Advisors (UK) Limited	27-Jun-17	yes	13.33	on mkt buy	AUD	ord 1,160	1,160
BlackRock Institutional Trust Company, National Association	27-Jun-17	yes	13.33	on mkt buy	AUD	ord 8,967	8,967
BlackRock Fund Advisors	27-Jun-17	no	n/a	in specie	AUD	ord 12,930	12,930
BlackRock Fund Advisors	27-Jun-17	no	n/a	in specie	AUD	ord 5,603	5,603
BlackRock Fund Advisors	28-Jun-17	yes	13.58	on mkt buy	AUD	ord 15,712	15,712
BlackRock Fund Advisors	28-Jun-17	no	n/a	in specie	AUD	ord 6,465	6,465
BlackRock Asset Management North Asia Limited	28-Jun-17	no	n/a	collateral transfer	AUD	ord 3	3
BlackRock Advisors (UK) Limited	29-Jun-17	yes	13.71	on mkt buy	AUD	ord 1,191	1,191
BlackRock Fund Advisors	29-Jun-17	no	n/a	in specie	AUD	ord 6,465	6,465
BlackRock Fund Advisors	29-Jun-17	no	n/a	in specie	AUD	ord 6,465	6,465
BlackRock Asset Management North Asia Limited	29-Jun-17	no	n/a	collateral transfer	AUD	ord 1	1
BlackRock Advisors (UK) Limited	30-Jun-17	yes	13.34	on mkt buy	AUD	ord 320	320
BlackRock Investment Management (UK) Limited	30-Jun-17	yes	13.34	on mkt buy	AUD	ord 4,511	4,511
BlackRock Fund Advisors	30-Jun-17	no	n/a	in specie	AUD	ord 17,240	17,240
BlackRock Fund Advisors	30-Jun-17	no	n/a	in specie	AUD	ord 6,465	6,465
BlackRock Fund Advisors	30-Jun-17	no	n/a	in specie	AUD	ord 10,775	10,775
BlackRock Asset Management North Asia Limited	04-Jul-17	no	n/a	collateral transfer	AUD	ord 1	1
BlackRock Advisors (UK) Limited	05-Jul-17	yes	13.29	on mkt buy	AUD	ord 158	158
BlackRock Investment Management (Australia) Limited	05-Jul-17	yes	13.29	on mkt buy	AUD	ord 7,028	7,028
BlackRock Fund Advisors	05-Jul-17	yes	13.29	on mkt buy	AUD	ord 2,447	2,447
BlackRock Advisors, LLC	05-Jul-17	yes	13.29	on mkt buy	AUD	ord 40,999	40,999
BlackRock Investment Management (Australia) Limited	05-Jul-17	yes	13.29	on mkt buy	AUD	ord 4,418	4,418
BlackRock Investment Management (Australia) Limited	05-Jul-17	yes	13.29	on mkt buy	AUD	ord 4,195	4,195
BlackRock Fund Advisors	05-Jul-17	no	n/a	in specie	AUD	ord 8,620	8,620
BlackRock Institutional Trust Company, National Association	05-Jul-17	no	n/a	in specie	AUD	ord 42,100	42,100
BlackRock Asset Management North Asia Limited	05-Jul-17	no	n/a	collateral transfer	AUD	ord 189,003	189,003
BlackRock Fund Advisors	06-Jul-17	yes	13.25	on mkt buy	AUD	ord 5,083	5,083
BlackRock Japan Co., Ltd.	06-Jul-17	yes	13.09	on mkt buy	AUD	ord 2,108	2,108
BlackRock Institutional Trust Company, National Association	06-Jul-17	yes	13.09	on mkt buy	AUD	ord 7,303	7,303
BlackRock Fund Advisors	06-Jul-17	yes	13.08	on mkt buy	AUD	ord 4,887	4,887
BlackRock Fund Advisors	06-Jul-17	no	n/a	in specie	AUD	ord 6,465	6,465
BlackRock Fund Advisors	06-Jul-17	no	n/a	in specie	AUD	ord 2,497	2,497
BlackRock Asset Management North Asia Limited	06-Jul-17	no	n/a	collateral transfer	AUD	ord 488,704	488,704

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

10-Jul-17

Date

Kayla Mulvihill,

Authorised Signatory

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management North Asia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BlackRock Financial Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom)
BlackRock Investment Management (Australia) Limited	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)

This is Annexure D of 1 page referred to in form 603 Notice of initial substantial shareholder

Kayla Mulvihill, Authorised Signatory

 10-Jul-17
 Date

Type of agreement:	Global Master Securities Lending Agreement
Parties to agreement:	Party A - Citigroup Global Markets Limited Party B - HSBC Institutional Trust Services (Asia) Limited
Transfer date:	Refer to Annexure B (transactions identified as collateral transfers)
Holder of voting rights:	BlackRock Asset Management North Asia Limited (as investment manager for the funds)
Are there any restrictions on voting rights? If yes, detail	Yes. Unless otherwise agreed between the parties, the Registered Owner will not exercise any voting rights.
Scheduled return date (if any):	Not applicable.
Does the borrower have the right to return early? If yes, detail	Yes. Upon an Event of Default under the GMSLA, the GMSLA provides, broadly, that both parties payment and delivery obligations will be accelerated and replaced with an obligation of one party to pay a single cash sum to the other determined in accordance with the provisions of the GMSLA (as modified by the Annex). The GMSLA provides that the parties' right to terminate the Agreement upon notice will not affect the parties' existing obligations in respect of any outstanding loans of securities. The Annex amended and restricted the Borrower's termination rights – i.e. Borrower may not have the right to terminate and return the borrowed securities - as the Borrower was to borrow the securities issued by it (or its sister company) to provide protection against the insolvency of the issuer and so usual rights of termination in a GMSLA were restricted. Subject to the terms of the relevant Loan, the Borrower, may early terminate a Loan and return Equivalent Securities at any time provided that it "shall cease to have such entitlement if an Act of Insolvency with respect to any Security Issuer or any of the Borrower's or any Security Issuer's affiliates has occurred, or any such person takes any steps preparatory to any of the matters which would constitute an Act of Insolvency
Does the lender have the right to recall early? If yes, detail	Yes, at notice.
Will the securities be returned on settlement? If yes, detail any exceptions	Yes.

A copy of this agreement will be provided to CHALLENGER LTD or the Australian Securities and Investments Commission upon request.