

## 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.

21-Sep-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 5,861	5,861	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 18,420	18,420	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 58,210	58,210	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 4,697	4,697	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 676,464	676,464	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 27,093	27,093	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 277,553	277,553	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 68,631	68,631	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 53,628	53,628	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 16,370	16,370	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 922,589	922,589	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 1,763	1,763	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 252,376	252,376	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 20,962	20,962	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 8,052	8,052	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 168,802	168,802	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 288	288	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 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 2,260	2,260	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 496	496	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 9,423	9,423	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-THE BANK OF NEW YORK		ord 29,883	29,883	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 33,088	33,088	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 27,721	27,721	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-SSB NEW YORK INSTITUTIONAL		ord 4,664	4,664	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 17,105	17,105	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 83,536	83,536	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 5,125	5,125	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 4,731,781	4,731,781	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 21,156	21,156	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 416,545	416,545	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 7,884	7,884	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.	GS-GOLDMAN SACHS PRIME BROKER - NEW YORK		ord 439	439	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 37,872	37,872	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 119,916	119,916	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 8,338	8,338	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 284,080	284,080	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 150,350	150,350	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 18,498	18,498	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 STREET SACRAMENTO		ord 4,765,044	4,765,044	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 14,257	14,257	subsidiary of BlackRock Inc.
BlackRock International Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ord 16,281	16,281	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 135,430	135,430	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 4,515	4,515	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ord 1,698,905	1,698,905	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 181,187	181,187	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 33,909	33,909	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 13,341	13,341	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 181,848	181,848	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 191,070	191,070	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 2,715	2,715	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 238,456	238,456	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 129,390	129,390	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 20,786	20,786	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 186,481	186,481	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 28,069	28,069	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 282,890	282,890	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SEB-SKANDINAVISKA ENSKILDA BANKEN		ord 12,679	12,679	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 16,309	16,309	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 91,844	91,844	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK, GERMANY		ord 42,738	42,738	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 315,110	315,110	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 220,056	220,056	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 234,051	234,051	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 MUTUAL FUNDS - BOSTON		ord 4,315	4,315	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 7,045	7,045	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 5,049	5,049	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 459,868	459,868	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 6,246	6,246	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 270,862	270,862	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 325,247	325,247	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 865,668	865,668	subsidiary of BlackRock Inc.

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

21-Sep-17

Kayla Mulvihill,  
 Authorised Signatory

Date

## 5. Consideration

## BANK OF QUEENSLAND LTD (BOQ)

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt	yes	Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	22-May-17	yes	11.65	on mkt buy	AUD	ord	1,096	1,096
BlackRock Fund Advisors	22-May-17	no	n/a	in specie	AUD	ord	3,276	3,276
BlackRock Fund Advisors	22-May-17	no	n/a	in specie	AUD	ord	2,184	2,184
BlackRock Fund Advisors	22-May-17	no	n/a	in specie	AUD	ord	9,828	9,828
BlackRock Advisors (UK) Limited	23-May-17	yes	11.62	on mkt buy	AUD	ord	785	785
BlackRock Advisors (UK) Limited	23-May-17	yes	11.37	on mkt buy	AUD	ord	3,855	3,855
BlackRock Advisors (UK) Limited	23-May-17	yes	11.37	on mkt buy	AUD	ord	380	380
BlackRock Fund Advisors	23-May-17	no	n/a	in specie	AUD	ord	5,460	5,460
BlackRock Investment Management (Australia) Limited	24-May-17	yes	11.47	on mkt buy	AUD	ord	11,997	11,997
BlackRock Investment Management (Australia) Limited	24-May-17	yes	11.47	on mkt buy	AUD	ord	9,569	9,569
BlackRock Investment Management (Australia) Limited	24-May-17	yes	11.47	on mkt buy	AUD	ord	20,046	20,046
BlackRock Investment Management (Australia) Limited	24-May-17	yes	11.47	on mkt buy	AUD	ord	34,547	34,547
BlackRock Advisors (UK) Limited	24-May-17	yes	11.46	on mkt buy	AUD	ord	608	608
BlackRock Advisors (UK) Limited	24-May-17	yes	11.46	on mkt buy	AUD	ord	456	456
BlackRock Fund Advisors	24-May-17	yes	11.46	on mkt buy	AUD	ord	11,061	11,061
BlackRock Investment Management (Australia) Limited	24-May-17	no	n/a	in specie	AUD	ord	3,277	3,277
BlackRock Advisors (UK) Limited	25-May-17	yes	11.40	on mkt buy	AUD	ord	2,355	2,355
BlackRock Institutional Trust Company, National Association	25-May-17	yes	11.40	on mkt buy	AUD	ord	8,575	8,575
BlackRock Advisors (UK) Limited	26-May-17	yes	11.25	on mkt buy	AUD	ord	12,409	12,409
BlackRock Advisors (UK) Limited	26-May-17	yes	11.23	on mkt buy	AUD	ord	785	785
BlackRock Advisors (UK) Limited	26-May-17	yes	11.23	on mkt buy	AUD	ord	5,808	5,808
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord	3,516	3,516
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord	4,368	4,368
BlackRock Fund Advisors	26-May-17	no	n/a	in specie	AUD	ord	2,541	2,541
BlackRock Institutional Trust Company, National Association	26-May-17	no	n/a	in specie	AUD	ord	119,082	119,082
BlackRock Investment Management (UK) Limited	26-May-17	no	n/a	in specie	AUD	ord	15,342	15,342
BlackRock Investment Management (UK) Limited	26-May-17	no	n/a	in specie	AUD	ord	4,136	4,136
BlackRock Advisors (UK) Limited	29-May-17	yes	11.02	on mkt buy	AUD	ord	1,875	1,875
BlackRock Investment Management (Australia) Limited	30-May-17	yes	11.08	on mkt buy	AUD	ord	20,898	20,898
BlackRock Advisors (UK) Limited	30-May-17	yes	11.10	on mkt buy	AUD	ord	1,875	1,875
BlackRock Fund Advisors	30-May-17	no	n/a	in specie	AUD	ord	9,828	9,828
BlackRock Fund Advisors	30-May-17	no	n/a	in specie	AUD	ord	4,368	4,368
BlackRock Japan Co., Ltd.	31-May-17	yes	11.16	on mkt buy	AUD	ord	288	288
BlackRock Advisors (UK) Limited	31-May-17	yes	11.16	on mkt buy	AUD	ord	1,564	1,564
BlackRock Advisors (UK) Limited	31-May-17	yes	11.19	on mkt buy	AUD	ord	1,564	1,564
BlackRock Advisors (UK) Limited	31-May-17	yes	11.16	on mkt buy	AUD	ord	7,325	7,325
BlackRock Fund Advisors	31-May-17	yes	11.16	on mkt buy	AUD	ord	5,913	5,913
BlackRock (Netherlands) B.V.	31-May-17	yes	11.16	on mkt buy	AUD	ord	1,644	1,644
BlackRock Institutional Trust Company, National Association	31-May-17	yes	11.16	on mkt buy	AUD	ord	533	533
BlackRock Investment Management, LLC	31-May-17	yes	11.16	on mkt buy	AUD	ord	977	977
BlackRock Investment Management (UK) Limited	31-May-17	yes	11.16	on mkt buy	AUD	ord	7,980	7,980
BlackRock Advisors (UK) Limited	01-Jun-17	yes	11.13	on mkt buy	AUD	ord	2,304	2,304
BlackRock Advisors (UK) Limited	01-Jun-17	yes	11.13	on mkt buy	AUD	ord	532	532
BlackRock Advisors (UK) Limited	02-Jun-17	yes	11.19	on mkt buy	AUD	ord	782	782
BlackRock Fund Advisors	06-Jun-17	yes	10.97	on mkt buy	AUD	ord	6,200	6,200
BlackRock Investment Management (Australia) Limited	06-Jun-17	yes	10.85	on mkt buy	AUD	ord	7,475	7,475
BlackRock Investment Management (Australia) Limited	06-Jun-17	yes	10.85	on mkt buy	AUD	ord	37,558	37,558
BlackRock Advisors (UK) Limited	06-Jun-17	yes	10.80	on mkt buy	AUD	ord	1,564	1,564

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, LLC	06-Jun-17	yes	10.80	on mkt buy	AUD	ord	46,123	46,123
BlackRock Fund Advisors	06-Jun-17	no	n/a	in specie	AUD	ord	7,644	7,644
BlackRock Advisors (UK) Limited	07-Jun-17	yes	10.74	on mkt buy	AUD	ord	864	864
BlackRock Fund Advisors	07-Jun-17	no	n/a	in specie	AUD	ord	2,366	2,366
BlackRock Investment Management (UK) Limited	07-Jun-17	no	n/a	in specie	AUD	ord	18,905	18,905
BlackRock Investment Management (UK) Limited	07-Jun-17	no	n/a	in specie	AUD	ord	71,006	71,006
BlackRock Advisors (UK) Limited	08-Jun-17	yes	10.85	on mkt buy	AUD	ord	768	768
BlackRock Fund Advisors	08-Jun-17	no	n/a	in specie	AUD	ord	637	637
BlackRock Advisors (UK) Limited	09-Jun-17	yes	10.89	on mkt buy	AUD	ord	204	204
BlackRock Fund Advisors	12-Jun-17	no	n/a	in specie	AUD	ord	2,184	2,184
BlackRock Advisors (UK) Limited	13-Jun-17	yes	11.18	on mkt buy	AUD	ord	3,840	3,840
BlackRock Advisors (UK) Limited	13-Jun-17	yes	11.18	on mkt buy	AUD	ord	102	102
BlackRock Fund Advisors	13-Jun-17	no	n/a	in specie	AUD	ord	5,460	5,460
BlackRock Investment Management (Australia) Limited	14-Jun-17	yes	11.25	on mkt buy	AUD	ord	7,791	7,791
BlackRock Investment Management (Australia) Limited	14-Jun-17	yes	11.25	on mkt buy	AUD	ord	144,674	144,674
BlackRock Investment Management (Australia) Limited	14-Jun-17	yes	11.25	on mkt buy	AUD	ord	43,731	43,731
BlackRock Investment Management (Australia) Limited	14-Jun-17	yes	11.25	on mkt buy	AUD	ord	1,210	1,210
BlackRock Investment Management (Australia) Limited	14-Jun-17	yes	11.25	on mkt buy	AUD	ord	4,686	4,686
BlackRock Investment Management (Australia) Limited	14-Jun-17	yes	11.25	on mkt buy	AUD	ord	13,704	13,704
BlackRock Advisors (UK) Limited	14-Jun-17	yes	11.25	on mkt buy	AUD	ord	3,072	3,072
BlackRock Advisors (UK) Limited	14-Jun-17	yes	11.25	on mkt buy	AUD	ord	50	50
BlackRock Advisors (UK) Limited	14-Jun-17	yes	11.25	on mkt buy	AUD	ord	380	380
BlackRock Advisors (UK) Limited	14-Jun-17	yes	11.25	on mkt buy	AUD	ord	19,200	19,200
BlackRock Fund Advisors	14-Jun-17	no	n/a	in specie	AUD	ord	819	819
BlackRock Fund Advisors	14-Jun-17	no	n/a	in specie	AUD	ord	4,380	4,380
BlackRock Advisors (UK) Limited	15-Jun-17	yes	11.07	on mkt buy	AUD	ord	2,304	2,304
BlackRock Advisors (UK) Limited	15-Jun-17	yes	11.07	on mkt buy	AUD	ord	532	532
BlackRock Advisors (UK) Limited	15-Jun-17	yes	11.07	on mkt buy	AUD	ord	84,480	84,480
BlackRock Investment Management (Australia) Limited	16-Jun-17	yes	11.08	on mkt buy	AUD	ord	4,390	4,390
BlackRock Advisors (UK) Limited	16-Jun-17	yes	11.13	on mkt buy	AUD	ord	532	532
BlackRock Investment Management (UK) Limited	16-Jun-17	yes	11.08	on mkt buy	AUD	ord	57,932	57,932
BlackRock Advisors (UK) Limited	16-Jun-17	yes	11.08	on mkt buy	AUD	ord	7,680	7,680
BlackRock Asset Management Canada Limited	16-Jun-17	yes	11.08	on mkt buy	AUD	ord	3,119	3,119
BlackRock Institutional Trust Company, National Association	16-Jun-17	yes	11.08	on mkt buy	AUD	ord	9,002	9,002
BlackRock Financial Management, Inc.	16-Jun-17	yes	11.08	on mkt buy	AUD	ord	3,791	3,791
BlackRock Institutional Trust Company, National Association	16-Jun-17	no	n/a	in specie	AUD	ord	1,553	1,553
BlackRock Advisors (UK) Limited	19-Jun-17	yes	11.12	on mkt buy	AUD	ord	768	768
BlackRock Advisors (UK) Limited	19-Jun-17	yes	11.12	on mkt buy	AUD	ord	2,304	2,304
BlackRock Advisors (UK) Limited	19-Jun-17	yes	11.12	on mkt buy	AUD	ord	152	152
BlackRock Investment Management (Australia) Limited	19-Jun-17	yes	11.12	on mkt buy	AUD	ord	43,685	43,685
BlackRock Investment Management (Australia) Limited	20-Jun-17	yes	11.17	on mkt buy	AUD	ord	8,533	8,533
BlackRock Investment Management (Australia) Limited	20-Jun-17	yes	11.17	on mkt buy	AUD	ord	33,860	33,860
BlackRock Investment Management (Australia) Limited	20-Jun-17	yes	11.17	on mkt buy	AUD	ord	8,159	8,159
BlackRock Investment Management (Australia) Limited	20-Jun-17	yes	11.17	on mkt buy	AUD	ord	758	758
BlackRock Investment Management (Australia) Limited	20-Jun-17	yes	11.17	on mkt buy	AUD	ord	10,002	10,002
BlackRock Advisors (UK) Limited	20-Jun-17	yes	11.14	on mkt buy	AUD	ord	782	782
BlackRock Advisors (UK) Limited	20-Jun-17	yes	11.14	on mkt buy	AUD	ord	3,840	3,840
BlackRock Advisors (UK) Limited	20-Jun-17	yes	11.14	on mkt buy	AUD	ord	532	532
BlackRock Advisors (UK) Limited	20-Jun-17	yes	11.16	on mkt buy	AUD	ord	14,592	14,592
BlackRock Investment Management (Australia) Limited	20-Jun-17	yes	11.14	on mkt buy	AUD	ord	33,572	33,572
BlackRock Advisors (UK) Limited	21-Jun-17	yes	10.82	on mkt buy	AUD	ord	2,304	2,304
BlackRock Fund Advisors	21-Jun-17	no	n/a	in specie	AUD	ord	3,119	3,119
BlackRock Institutional Trust Company, National Association	22-Jun-17	no	n/a	in specie	AUD	ord	8,176	8,176
BlackRock Advisors (UK) Limited	22-Jun-17	yes	10.98	on mkt buy	AUD	ord	76	76



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	72,354	72,354
BlackRock Investment Management (UK) Limited	22-Jun-17	no	n/a	in specie	AUD	ord	19,200	19,200
BlackRock Advisors (UK) Limited	23-Jun-17	yes	10.96	on mkt buy	AUD	ord	103	103
BlackRock Advisors (UK) Limited	23-Jun-17	yes	10.96	on mkt buy	AUD	ord	206	206
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord	38,540	38,540
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord	1,740	1,740
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord	17,054	17,054
BlackRock Investment Management (UK) Limited	23-Jun-17	no	n/a	in specie	AUD	ord	2,239	2,239
BlackRock Investment Management (UK) Limited	26-Jun-17	yes	11.00	on mkt buy	AUD	ord	5,082	5,082
BlackRock Fund Advisors	26-Jun-17	no	n/a	in specie	AUD	ord	2,860	2,860
BlackRock Fund Advisors	26-Jun-17	no	n/a	in specie	AUD	ord	3,228	3,228
BlackRock Investment Management (Australia) Limited	27-Jun-17	yes	11.12	on mkt buy	AUD	ord	10,477	10,477
BlackRock Investment Management (Australia) Limited	27-Jun-17	yes	11.12	on mkt buy	AUD	ord	11,605	11,605
BlackRock Investment Management (Australia) Limited	27-Jun-17	yes	11.12	on mkt buy	AUD	ord	3,214	3,214
BlackRock Investment Management (Australia) Limited	27-Jun-17	yes	11.12	on mkt buy	AUD	ord	5,732	5,732
BlackRock Advisors (UK) Limited	27-Jun-17	yes	11.17	on mkt buy	AUD	ord	768	768
BlackRock Fund Advisors	27-Jun-17	no	n/a	in specie	AUD	ord	8,580	8,580
BlackRock Fund Advisors	27-Jun-17	no	n/a	in specie	AUD	ord	3,718	3,718
BlackRock Fund Advisors	28-Jun-17	no	n/a	in specie	AUD	ord	4,290	4,290
BlackRock Fund Advisors	29-Jun-17	no	n/a	in specie	AUD	ord	4,290	4,290
BlackRock Fund Advisors	29-Jun-17	no	n/a	in specie	AUD	ord	4,290	4,290
BlackRock Advisors (UK) Limited	30-Jun-17	yes	11.45	on mkt buy	AUD	ord	206	206
BlackRock Investment Management (UK) Limited	30-Jun-17	yes	11.45	on mkt buy	AUD	ord	3,056	3,056
BlackRock Investment Management (UK) Limited	30-Jun-17	yes	11.45	on mkt buy	AUD	ord	7,276	7,276
BlackRock Fund Advisors	30-Jun-17	no	n/a	in specie	AUD	ord	11,440	11,440
BlackRock Fund Advisors	30-Jun-17	no	n/a	in specie	AUD	ord	4,290	4,290
BlackRock Fund Advisors	30-Jun-17	no	n/a	in specie	AUD	ord	7,150	7,150
BlackRock Advisors (UK) Limited	05-Jul-17	yes	11.85	on mkt buy	AUD	ord	102	102
BlackRock Investment Management (Australia) Limited	05-Jul-17	yes	11.85	on mkt buy	AUD	ord	5,075	5,075
BlackRock Investment Management (Australia) Limited	05-Jul-17	yes	11.85	on mkt buy	AUD	ord	4,210	4,210
BlackRock Investment Management (Australia) Limited	05-Jul-17	yes	11.85	on mkt buy	AUD	ord	4,428	4,428
BlackRock Fund Advisors	05-Jul-17	no	n/a	in specie	AUD	ord	5,720	5,720
BlackRock Fund Advisors	06-Jul-17	yes	11.81	on mkt buy	AUD	ord	9,828	9,828
BlackRock Institutional Trust Company, National Association	06-Jul-17	yes	11.81	on mkt buy	AUD	ord	6,452	6,452
BlackRock Fund Advisors	06-Jul-17	no	n/a	in specie	AUD	ord	4,290	4,290
BlackRock Fund Advisors	07-Jul-17	yes	11.67	on mkt buy	AUD	ord	5,746	5,746
BlackRock Advisors (UK) Limited	07-Jul-17	yes	11.63	on mkt buy	AUD	ord	1,566	1,566
BlackRock Fund Advisors	07-Jul-17	no	n/a	in specie	AUD	ord	11,440	11,440
BlackRock Fund Advisors	07-Jul-17	no	n/a	in specie	AUD	ord	5,720	5,720
BlackRock Fund Advisors	07-Jul-17	no	n/a	in specie	AUD	ord	18,018	18,018
BlackRock Investment Management (UK) Limited	07-Jul-17	no	n/a	in specie	AUD	ord	1,740	1,740
BlackRock Advisors (UK) Limited	10-Jul-17	yes	11.81	on mkt buy	AUD	ord	204	204
BlackRock Fund Advisors	10-Jul-17	yes	11.81	on mkt buy	AUD	ord	5,586	5,586
BlackRock Advisors (UK) Limited	11-Jul-17	yes	11.95	on mkt buy	AUD	ord	608	608
BlackRock Advisors (UK) Limited	11-Jul-17	yes	11.95	on mkt buy	AUD	ord	5,450	5,450
BlackRock Investment Management (Australia) Limited	12-Jul-17	yes	11.78	on mkt buy	AUD	ord	2,742	2,742
BlackRock Fund Advisors	13-Jul-17	no	n/a	in specie	AUD	ord	880	880
BlackRock Advisors (UK) Limited	14-Jul-17	yes	12.02	on mkt buy	AUD	ord	779	779
BlackRock Advisors (UK) Limited	14-Jul-17	yes	12.02	on mkt buy	AUD	ord	306	306
BlackRock Fund Advisors	14-Jul-17	no	n/a	in specie	AUD	ord	3,432	3,432
BlackRock Fund Advisors	18-Jul-17	no	n/a	in specie	AUD	ord	2,860	2,860
BlackRock Investment Management, LLC	19-Jul-17	yes	12.05	on mkt buy	AUD	ord	2,009	2,009
BlackRock Financial Management, Inc.	19-Jul-17	yes	12.05	on mkt buy	AUD	ord	5,705	5,705
BlackRock Investment Management (Australia) Limited	19-Jul-17	yes	12.06	on mkt buy	AUD	ord	394	394
BlackRock Fund Advisors	19-Jul-17	no	n/a	in specie	AUD	ord	4,290	4,290

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	20-Jul-17	yes	12.04	on mkt buy	AUD	ord	2,337	2,337
BlackRock Advisors (UK) Limited	20-Jul-17	yes	12.04	on mkt buy	AUD	ord	1,536	1,536
BlackRock Advisors (UK) Limited	20-Jul-17	yes	12.04	on mkt buy	AUD	ord	306	306
BlackRock Fund Advisors	20-Jul-17	no	n/a	in specie	AUD	ord	7,150	7,150
BlackRock Fund Advisors	21-Jul-17	no	n/a	in specie	AUD	ord	4,290	4,290
BlackRock Fund Advisors	21-Jul-17	no	n/a	in specie	AUD	ord	2,490	2,490
BlackRock Fund Advisors	21-Jul-17	no	n/a	in specie	AUD	ord	1,668	1,668
BlackRock Investment Management (UK) Limited	24-Jul-17	no	n/a	in specie	AUD	ord	14,882	14,882
BlackRock Japan Co., Ltd.	24-Jul-17	yes	12.10	on mkt buy	AUD	ord	22,604	22,604
BlackRock Fund Advisors	25-Jul-17	no	n/a	in specie	AUD	ord	1,144	1,144
BlackRock Fund Advisors	26-Jul-17	no	n/a	in specie	AUD	ord	672	672
BlackRock Fund Advisors	28-Jul-17	yes	12.07	on mkt buy	AUD	ord	3,644	3,644
BlackRock Fund Advisors	28-Jul-17	no	n/a	in specie	AUD	ord	672	672
BlackRock Investment Management (UK) Limited	28-Jul-17	no	n/a	in specie	AUD	ord	12,633	12,633
BlackRock Investment Management (Australia) Limited	31-Jul-17	yes	12.05	on mkt buy	AUD	ord	1,756	1,756
BlackRock Fund Advisors	31-Jul-17	no	n/a	in specie	AUD	ord	5,205	5,205
BlackRock Institutional Trust Company, National Association	01-Aug-17	no	n/a	in specie	AUD	ord	1,883	1,883
BlackRock Advisors (UK) Limited	02-Aug-17	yes	12.34	on mkt buy	AUD	ord	779	779
BlackRock Investment Management (UK) Limited	02-Aug-17	yes	12.34	on mkt buy	AUD	ord	1,353	1,353
BlackRock Investment Management (UK) Limited	03-Aug-17	no	n/a	in specie	AUD	ord	14,307	14,307
BlackRock Fund Advisors	03-Aug-17	no	n/a	in specie	AUD	ord	3,432	3,432
BlackRock Advisors (UK) Limited	04-Aug-17	yes	12.33	on mkt buy	AUD	ord	779	779
BlackRock Investment Management (Australia) Limited	07-Aug-17	yes	12.44	on mkt buy	AUD	ord	3,073	3,073
BlackRock Investment Management (Australia) Limited	07-Aug-17	yes	12.44	on mkt buy	AUD	ord	788	788
BlackRock Advisors (UK) Limited	07-Aug-17	yes	12.44	on mkt buy	AUD	ord	768	768
BlackRock Investment Management (Australia) Limited	07-Aug-17	yes	12.44	on mkt buy	AUD	ord	4,857	4,857
BlackRock Investment Management (Australia) Limited	08-Aug-17	yes	12.38	on mkt buy	AUD	ord	394	394
BlackRock Advisors (UK) Limited	08-Aug-17	yes	12.38	on mkt buy	AUD	ord	2,340	2,340
BlackRock Advisors (UK) Limited	08-Aug-17	yes	12.38	on mkt buy	AUD	ord	780	780
BlackRock Investment Management, LLC	09-Aug-17	yes	12.44	on mkt buy	AUD	ord	2,306	2,306
BlackRock Advisors (UK) Limited	09-Aug-17	yes	12.45	on mkt buy	AUD	ord	206	206
BlackRock Asset Management Canada Limited	10-Aug-17	yes	12.40	on mkt buy	AUD	ord	12,237	12,237
BlackRock Fund Advisors	11-Aug-17	no	n/a	in specie	AUD	ord	3,470	3,470
BlackRock Investment Management (UK) Limited	11-Aug-17	no	n/a	in specie	AUD	ord	4,481	4,481
BlackRock Advisors (UK) Limited	14-Aug-17	no	n/a	in specie	AUD	ord	2,995	2,995
BlackRock Fund Advisors	14-Aug-17	no	n/a	in specie	AUD	ord	6,290	6,290
BlackRock Advisors (UK) Limited	16-Aug-17	yes	12.86	on mkt buy	AUD	ord	380	380
BlackRock Fund Advisors	16-Aug-17	no	n/a	in specie	AUD	ord	6,940	6,940
BlackRock Advisors (UK) Limited	17-Aug-17	yes	12.77	on mkt buy	AUD	ord	1,968	1,968
BlackRock Investment Management (Australia) Limited	17-Aug-17	yes	12.73	on mkt buy	AUD	ord	4,842	4,842
BlackRock Investment Management (Australia) Limited	17-Aug-17	yes	12.73	on mkt buy	AUD	ord	3,874	3,874
BlackRock Fund Advisors	17-Aug-17	no	n/a	in specie	AUD	ord	3,145	3,145
BlackRock Investment Management (Australia) Limited	18-Aug-17	yes	12.53	on mkt buy	AUD	ord	119,336	119,336
BlackRock Advisors (UK) Limited	18-Aug-17	yes	12.68	on mkt buy	AUD	ord	771	771
BlackRock Fund Advisors	18-Aug-17	no	n/a	in specie	AUD	ord	2,200	2,200
BlackRock Advisors (UK) Limited	22-Aug-17	yes	12.65	on mkt buy	AUD	ord	4,368	4,368
BlackRock Fund Advisors	22-Aug-17	no	n/a	in specie	AUD	ord	2,326	2,326
BlackRock Advisors (UK) Limited	23-Aug-17	yes	12.63	on mkt buy	AUD	ord	304	304
BlackRock Advisors (UK) Limited	23-Aug-17	yes	12.63	on mkt buy	AUD	ord	103	103
BlackRock Advisors (UK) Limited	23-Aug-17	yes	12.63	on mkt buy	AUD	ord	206	206
BlackRock Fund Advisors	24-Aug-17	no	n/a	in specie	AUD	ord	3,432	3,432
BlackRock Fund Advisors	24-Aug-17	no	n/a	in specie	AUD	ord	5,815	5,815
BlackRock Advisors (UK) Limited	25-Aug-17	yes	12.67	on mkt buy	AUD	ord	784	784
BlackRock Fund Advisors	25-Aug-17	no	n/a	in specie	AUD	ord	12,793	12,793
BlackRock Investment Management (UK) Limited	25-Aug-17	no	n/a	in specie	AUD	ord	3,023	3,023
BlackRock Investment Management (UK) Limited	25-Aug-17	no	n/a	in specie	AUD	ord	19,752	19,752
BlackRock Investment Management (Australia) Limited	28-Aug-17	yes	12.73	on mkt buy	AUD	ord	4,826	4,826

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	29-Aug-17	no	n/a	in specie	AUD	ord	4,290	4,290
BlackRock Fund Advisors	29-Aug-17	no	n/a	in specie	AUD	ord	3,489	3,489
BlackRock Japan Co., Ltd.	30-Aug-17	yes	12.54	on mkt buy	AUD	ord	3,948	3,948
BlackRock Advisors (UK) Limited	30-Aug-17	yes	12.54	on mkt buy	AUD	ord	76	76
BlackRock Advisors (UK) Limited	30-Aug-17	yes	12.54	on mkt buy	AUD	ord	103	103
BlackRock Advisors (UK) Limited	30-Aug-17	yes	12.54	on mkt buy	AUD	ord	152	152
BlackRock Investment Management (UK) Limited	30-Aug-17	no	n/a	in specie	AUD	ord	362	362
BlackRock Advisors (UK) Limited	30-Aug-17	no	n/a	in specie	AUD	ord	446	446
BlackRock Investment Management (Australia) Limited	31-Aug-17	yes	12.59	on mkt buy	AUD	ord	2,634	2,634
BlackRock Investment Management (UK) Limited	31-Aug-17	yes	12.59	on mkt buy	AUD	ord	4,243	4,243
BlackRock Advisors (UK) Limited	31-Aug-17	yes	12.59	on mkt buy	AUD	ord	5,225	5,225
BlackRock International Limited	31-Aug-17	yes	12.59	on mkt buy	AUD	ord	7,685	7,685
BlackRock Advisors (UK) Limited	31-Aug-17	yes	12.59	on mkt buy	AUD	ord	13,248	13,248
BlackRock Fund Advisors	01-Sep-17	yes	12.66	on mkt buy	AUD	ord	2,466	2,466
BlackRock Advisors (UK) Limited	01-Sep-17	yes	12.67	on mkt buy	AUD	ord	380	380
BlackRock Investment Management (UK) Limited	04-Sep-17	no	n/a	in specie	AUD	ord	1,579	1,579
BlackRock Advisors (UK) Limited	06-Sep-17	yes	12.80	on mkt buy	AUD	ord	104	104
BlackRock Fund Advisors	06-Sep-17	no	n/a	in specie	AUD	ord	4,290	4,290
BlackRock Fund Advisors	06-Sep-17	no	n/a	in specie	AUD	ord	5,205	5,205
BlackRock Advisors (UK) Limited	07-Sep-17	yes	12.74	on mkt buy	AUD	ord	520	520
BlackRock Advisors (UK) Limited	07-Sep-17	yes	12.74	on mkt buy	AUD	ord	3,242	3,242
BlackRock Investment Management (Australia) Limited	07-Sep-17	yes	12.74	on mkt buy	AUD	ord	5,954	5,954
BlackRock Advisors (UK) Limited	08-Sep-17	yes	12.72	on mkt buy	AUD	ord	1,602	1,602
BlackRock Advisors (UK) Limited	08-Sep-17	yes	12.72	on mkt buy	AUD	ord	456	456
BlackRock Advisors (UK) Limited	08-Sep-17	yes	12.72	on mkt buy	AUD	ord	532	532
BlackRock Fund Advisors	08-Sep-17	no	n/a	in specie	AUD	ord	1,008	1,008
BlackRock Fund Advisors	08-Sep-17	no	n/a	in specie	AUD	ord	10,010	10,010
BlackRock Fund Advisors	08-Sep-17	no	n/a	in specie	AUD	ord	2,490	2,490
BlackRock Fund Advisors	11-Sep-17	no	n/a	in specie	AUD	ord	2,200	2,200
BlackRock Fund Advisors	12-Sep-17	no	n/a	in specie	AUD	ord	4,290	4,290
BlackRock Institutional Trust Company, National Association	12-Sep-17	no	n/a	in specie	AUD	ord	212,615	212,615
BlackRock Advisors (UK) Limited	13-Sep-17	no	n/a	in specie	AUD	ord	4,015	4,015
BlackRock Investment Management (UK) Limited	13-Sep-17	yes	12.82	on mkt buy	AUD	ord	5,423	5,423
BlackRock Advisors (UK) Limited	13-Sep-17	yes	12.74	on mkt buy	AUD	ord	120	120
BlackRock Advisors (UK) Limited	14-Sep-17	yes	12.84	on mkt buy	AUD	ord	228	228
BlackRock Advisors (UK) Limited	15-Sep-17	yes	12.85	on mkt buy	AUD	ord	456	456
BlackRock Advisors (UK) Limited	19-Sep-17	yes	12.87	on mkt buy	AUD	ord	9,408	9,408
BlackRock Advisors (UK) Limited	19-Sep-17	yes	12.87	on mkt buy	AUD	ord	76	76
BlackRock Fund Advisors	19-Sep-17	no	n/a	in specie	AUD	ord	4,290	4,290
BlackRock Fund Advisors	19-Sep-17	no	n/a	in specie	AUD	ord	3,432	3,432

## Annexure C

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

21-Sep-17  
**Kayla Mulvihill,** **Date**  
**Authorised Signatory**

### 7. Addresses

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

Name	Address
<b>BlackRock Group</b>	
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
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