

**Form 603**

Corporations Act 2001  
Section 671B

**Notice of initial substantial holder**

To Company Name/Scheme SARACEN MINERAL HOLDINGS LTD

ACN/ARSN 009 215 347

**1. Details of substantial holder (1)**

Name BlackRock Group (BlackRock Inc. and subsidiaries named in Annexures

ACN/ARSN (if applicable) to this form)

The holder became a substantial holder on 08 / 01 / 2019

**2. Details of voting power**

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ord	41,113,468	41,113,468	5.01

**3. Details of relevant interests**

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Annexure A		

**4. Details of present registered holders**

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
see Annexure A			

**5. Consideration**

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number of securities
		Cash	Non-cash	
see Annexure B				

**6. Associates**

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
see Annexure A	

**7. Addresses**

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

Name	Address
see Annexure C	

**Signature**

print name Maria Tricarico

capacity Authorised Signatory\*

**sign here**

date 10 / 01 / 2019

\* At a meeting of the Board on 22 November 2013, the Directors resolved to approve the delegation of the preparation and lodgement of substantial shareholder notices on behalf of BlackRock Investment Management (Australia) Limited.

**DIRECTIONS**

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
  - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
  - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

10-Jan-19

Date

Maria Tricarico,  
Authorised Signatory

## 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.	SSB-SSB NEW YORK INSTITUTIONAL		ORD 107,594	107,594	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 3,377,286	3,377,286	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 85,865	85,865	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 10,332	10,332	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 45,549	45,549	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 191,941	191,941	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 7,876,837	7,876,837	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 64,238	64,238	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 687	687	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 7,066	7,066	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 4,641,079	4,641,079	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	RBC-ROYAL TRUST - TORONTO		ORD 9,453	9,453	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 13,015	13,015	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 760,671	760,671	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 19,995	19,995	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 1,744	1,744	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.	UBS- UBS- ZURICH		ORD 3,946	3,946	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	HSBC-HSBC SYDNEY		ORD 625,550	625,550	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 505,325	505,325	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 2,486,630	2,486,630	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 573,650	573,650	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	UBS- UBS- ZURICH		ORD 111,386	111,386	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 JERSEY		ORD 316,676	316,676	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 256,706	256,706	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 2,890,814	2,890,814	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 LUXEMBOURG		ORD 10,917,619	10,917,619	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 INTERNATIONAL PLC (LUXEMBOURG BRANCH)		ORD 86,309	86,309	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.	CITI-CITIBANK, LONDON		ORD 865,846	865,846	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 DUSSELDORF		ORD 392,539	392,539	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 171,516	171,516	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 785,063	785,063	subsidiary of BlackRock Inc.
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 3,938	3,938	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 184,277	184,277	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 414,268	414,268	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.	Northern Trust Singapore		ORD 15,516	15,516	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	SSB-STATE STREET AUSTRALIA		ORD 259,896	259,896	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as responsible entity.	JPM-JPM CHASE - SYDNEY		ORD 2,032,646	2,032,646	subsidiary of BlackRock Inc.

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

10-Jan-19

**Maria Tricarico,**  
**Authorised Signatory**

Date

## 5. Consideration

**SARACEN MINERAL HOLDINGS LTD (SAR)**

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	10-Sep-18	yes	1.75	on mkt buy	AUD	ORD 3,716	3,716
BlackRock Institutional Trust Company, National Association	11-Sep-18	yes	1.76	on mkt buy	AUD	ORD 139,966	139,966
BlackRock Advisors (UK) Limited	11-Sep-18	yes	1.77	on mkt buy	AUD	ORD 8,784	8,784
BlackRock Advisors (UK) Limited	14-Sep-18	yes	1.78	on mkt buy	AUD	ORD 35,136	35,136
BlackRock Investment Management (Australia) Limited	17-Sep-18	yes	1.75	on mkt buy	AUD	ORD 5,451	5,451
BlackRock Advisors (UK) Limited	17-Sep-18	yes	1.75	on mkt buy	AUD	ORD 35,168	35,168
BlackRock Advisors (UK) Limited	18-Sep-18	yes	1.76	on mkt buy	AUD	ORD 8,794	8,794
BlackRock Advisors (UK) Limited	19-Sep-18	yes	1.79	on mkt buy	AUD	ORD 21,990	21,990
BlackRock Advisors (UK) Limited	19-Sep-18	yes	1.79	on mkt buy	AUD	ORD 4,398	4,398
BlackRock Advisors (UK) Limited	20-Sep-18	yes	1.88	on mkt buy	AUD	ORD 8,798	8,798
BlackRock Advisors (UK) Limited	20-Sep-18	yes	1.86	on mkt buy	AUD	ORD 70,384	70,384
BlackRock Advisors (UK) Limited	20-Sep-18	yes	1.88	on mkt buy	AUD	ORD 8,798	8,798
BlackRock Advisors (UK) Limited	20-Sep-18	yes	1.88	on mkt buy	AUD	ORD 127,571	127,571
BlackRock Advisors (UK) Limited	21-Sep-18	yes	1.98	on mkt buy	AUD	ORD 13,038	13,038
BlackRock Advisors (UK) Limited	21-Sep-18	yes	1.98	on mkt buy	AUD	ORD 52,152	52,152
BlackRock Advisors (UK) Limited	21-Sep-18	yes	1.98	on mkt buy	AUD	ORD 1,097	1,097
BlackRock Advisors (UK) Limited	21-Sep-18	yes	1.95	on mkt buy	AUD	ORD 8,692	8,692
BlackRock Advisors (UK) Limited	24-Sep-18	yes	1.91	on mkt buy	AUD	ORD 4,349	4,349
BlackRock Japan Co., Ltd.	25-Sep-18	yes	1.87	on mkt buy	AUD	ORD 2,843	2,843
BlackRock Advisors (UK) Limited	25-Sep-18	yes	1.88	on mkt buy	AUD	ORD 4,349	4,349
BlackRock Advisors (UK) Limited	25-Sep-18	yes	1.87	on mkt buy	AUD	ORD 8,698	8,698
BlackRock Japan Co., Ltd.	26-Sep-18	yes	1.90	on mkt buy	AUD	ORD 2,852	2,852
BlackRock Investment Management (Australia) Limited	26-Sep-18	yes	1.89	on mkt buy	AUD	ORD 172,537	172,537
BlackRock Investment Management (Australia) Limited	26-Sep-18	yes	1.88	on mkt buy	AUD	ORD 6,503	6,503
BlackRock Advisors (UK) Limited	26-Sep-18	yes	1.88	on mkt buy	AUD	ORD 2,194	2,194
BlackRock Fund Advisors	26-Sep-18	no	n/a	in specie	AUD	ORD 3,340	3,340
BlackRock Investment Management (Australia) Limited	27-Sep-18	yes	1.87	on mkt buy	AUD	ORD 8,794	8,794
BlackRock Japan Co., Ltd.	27-Sep-18	yes	1.87	on mkt buy	AUD	ORD 2,835	2,835
BlackRock Advisors (UK) Limited	27-Sep-18	yes	1.86	on mkt buy	AUD	ORD 4,350	4,350
BlackRock Japan Co., Ltd.	28-Sep-18	yes	1.87	on mkt buy	AUD	ORD 945	945
BlackRock Fund Advisors	28-Sep-18	no	n/a	in specie	AUD	ORD 30,895	30,895
BlackRock Fund Advisors	28-Sep-18	no	n/a	in specie	AUD	ORD 12,525	12,525
BlackRock Advisors (UK) Limited	01-Oct-18	yes	1.88	on mkt buy	AUD	ORD 1,097	1,097
BlackRock Investment Management (Australia) Limited	02-Oct-18	yes	1.85	on mkt buy	AUD	ORD 29,931	29,931
BlackRock Advisors, LLC	03-Oct-18	yes	1.92	on mkt buy	AUD	ORD 306	306
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.92	on mkt buy	AUD	ORD 5,978	5,978
BlackRock Japan Co., Ltd.	03-Oct-18	yes	1.92	on mkt buy	AUD	ORD 5,005	5,005
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.92	on mkt buy	AUD	ORD 41,709	41,709
BlackRock Japan Co., Ltd.	03-Oct-18	yes	1.92	on mkt buy	AUD	ORD 6,117	6,117
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.92	on mkt buy	AUD	ORD 8,805	8,805
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.92	on mkt buy	AUD	ORD 13,903	13,903
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.92	on mkt buy	AUD	ORD 139,029	139,029
BlackRock Advisors, LLC	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD 1,812	1,812
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD 35,422	35,422
BlackRock Japan Co., Ltd.	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD 29,655	29,655
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD 247,131	247,131
BlackRock Japan Co., Ltd.	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD 36,246	36,246

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	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD	52,173	52,173
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD	82,377	82,377
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD	823,769	823,769
BlackRock Advisors, LLC	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD	39	39
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD	761	761
BlackRock Japan Co., Ltd.	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD	637	637
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD	5,309	5,309
BlackRock Japan Co., Ltd.	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD	779	779
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD	1,121	1,121
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD	1,770	1,770
BlackRock Investment Management (UK) Limited	03-Oct-18	yes	1.91	on mkt buy	AUD	ORD	17,697	17,697
BlackRock Investment Management (Australia) Limited	03-Oct-18	yes	1.98	on mkt buy	AUD	ORD	171,295	171,295
BlackRock Advisors, LLC	04-Oct-18	yes	2.00	on mkt buy	AUD	ORD	844	844
BlackRock Investment Management (UK) Limited	04-Oct-18	yes	2.00	on mkt buy	AUD	ORD	16,502	16,502
BlackRock Japan Co., Ltd.	04-Oct-18	yes	2.00	on mkt buy	AUD	ORD	13,815	13,815
BlackRock Investment Management (UK) Limited	04-Oct-18	yes	2.00	on mkt buy	AUD	ORD	115,128	115,128
BlackRock Japan Co., Ltd.	04-Oct-18	yes	2.00	on mkt buy	AUD	ORD	16,885	16,885
BlackRock Investment Management (UK) Limited	04-Oct-18	yes	2.00	on mkt buy	AUD	ORD	24,305	24,305
BlackRock Investment Management (UK) Limited	04-Oct-18	yes	2.00	on mkt buy	AUD	ORD	38,376	38,376
BlackRock Investment Management (UK) Limited	04-Oct-18	yes	2.00	on mkt buy	AUD	ORD	383,760	383,760
BlackRock Advisors, LLC	05-Oct-18	yes	1.99	on mkt buy	AUD	ORD	38	38
BlackRock Investment Management (UK) Limited	05-Oct-18	yes	1.99	on mkt buy	AUD	ORD	746	746
BlackRock Japan Co., Ltd.	05-Oct-18	yes	1.99	on mkt buy	AUD	ORD	624	624
BlackRock Investment Management (UK) Limited	05-Oct-18	yes	1.99	on mkt buy	AUD	ORD	5,201	5,201
BlackRock Japan Co., Ltd.	05-Oct-18	yes	1.99	on mkt buy	AUD	ORD	763	763
BlackRock Investment Management (UK) Limited	05-Oct-18	yes	1.99	on mkt buy	AUD	ORD	1,098	1,098
BlackRock Investment Management (UK) Limited	05-Oct-18	yes	1.99	on mkt buy	AUD	ORD	1,734	1,734
BlackRock Investment Management (UK) Limited	05-Oct-18	yes	1.99	on mkt buy	AUD	ORD	17,338	17,338
BlackRock Advisors, LLC	05-Oct-18	yes	2.01	on mkt buy	AUD	ORD	2,424	2,424
BlackRock Investment Management (UK) Limited	05-Oct-18	yes	2.01	on mkt buy	AUD	ORD	47,371	47,371
BlackRock Japan Co., Ltd.	05-Oct-18	yes	2.01	on mkt buy	AUD	ORD	39,660	39,660
BlackRock Investment Management (UK) Limited	05-Oct-18	yes	2.01	on mkt buy	AUD	ORD	330,493	330,493
BlackRock Japan Co., Ltd.	05-Oct-18	yes	2.01	on mkt buy	AUD	ORD	48,472	48,472
BlackRock Investment Management (UK) Limited	05-Oct-18	yes	2.01	on mkt buy	AUD	ORD	69,772	69,772
BlackRock Investment Management (UK) Limited	05-Oct-18	yes	2.01	on mkt buy	AUD	ORD	110,164	110,164
BlackRock Investment Management (UK) Limited	05-Oct-18	yes	2.01	on mkt buy	AUD	ORD	1,101,644	1,101,644
BlackRock Investment Management (Australia) Limited	05-Oct-18	yes	1.99	on mkt buy	AUD	ORD	760	760
BlackRock Investment Management (Australia) Limited	05-Oct-18	yes	1.99	on mkt buy	AUD	ORD	5,574	5,574
BlackRock Investment Management (Australia) Limited	05-Oct-18	yes	1.99	on mkt buy	AUD	ORD	5,986	5,986
BlackRock Advisors (UK) Limited	05-Oct-18	yes	1.99	on mkt buy	AUD	ORD	17,400	17,400
BlackRock Fund Advisors	05-Oct-18	no	n/a	in specie	AUD	ORD	21,710	21,710
BlackRock Advisors, LLC	08-Oct-18	yes	2.00	on mkt buy	AUD	ORD	267	267
BlackRock Investment Management (UK) Limited	08-Oct-18	yes	2.00	on mkt buy	AUD	ORD	5,224	5,224
BlackRock Japan Co., Ltd.	08-Oct-18	yes	2.00	on mkt buy	AUD	ORD	4,373	4,373
BlackRock Investment Management (UK) Limited	08-Oct-18	yes	2.00	on mkt buy	AUD	ORD	36,442	36,442
BlackRock Japan Co., Ltd.	08-Oct-18	yes	2.00	on mkt buy	AUD	ORD	5,345	5,345

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	08-Oct-18	yes	2.00	on mkt buy	AUD	ORD	7,694	7,694
BlackRock Investment Management (UK) Limited	08-Oct-18	yes	2.00	on mkt buy	AUD	ORD	12,147	12,147
BlackRock Investment Management (UK) Limited	08-Oct-18	yes	2.00	on mkt buy	AUD	ORD	121,473	121,473
BlackRock Advisors, LLC	09-Oct-18	yes	1.96	on mkt buy	AUD	ORD	1,115	1,115
BlackRock Investment Management (UK) Limited	09-Oct-18	yes	1.96	on mkt buy	AUD	ORD	21,790	21,790
BlackRock Japan Co., Ltd.	09-Oct-18	yes	1.96	on mkt buy	AUD	ORD	18,243	18,243
BlackRock Investment Management (UK) Limited	09-Oct-18	yes	1.96	on mkt buy	AUD	ORD	152,028	152,028
BlackRock Japan Co., Ltd.	09-Oct-18	yes	1.96	on mkt buy	AUD	ORD	22,298	22,298
BlackRock Investment Management (UK) Limited	09-Oct-18	yes	1.96	on mkt buy	AUD	ORD	32,095	32,095
BlackRock Investment Management (UK) Limited	09-Oct-18	yes	1.96	on mkt buy	AUD	ORD	50,676	50,676
BlackRock Investment Management (UK) Limited	09-Oct-18	yes	1.96	on mkt buy	AUD	ORD	506,759	506,759
BlackRock Advisors (UK) Limited	09-Oct-18	yes	1.96	on mkt buy	AUD	ORD	1,097	1,097
BlackRock Advisors, LLC	10-Oct-18	yes	1.95	on mkt buy	AUD	ORD	220	220
BlackRock Investment Management (UK) Limited	10-Oct-18	yes	1.95	on mkt buy	AUD	ORD	4,302	4,302
BlackRock Japan Co., Ltd.	10-Oct-18	yes	1.95	on mkt buy	AUD	ORD	3,602	3,602
BlackRock Investment Management (UK) Limited	10-Oct-18	yes	1.95	on mkt buy	AUD	ORD	30,015	30,015
BlackRock Japan Co., Ltd.	10-Oct-18	yes	1.95	on mkt buy	AUD	ORD	4,403	4,403
BlackRock Investment Management (UK) Limited	10-Oct-18	yes	1.95	on mkt buy	AUD	ORD	6,337	6,337
BlackRock Investment Management (UK) Limited	10-Oct-18	yes	1.95	on mkt buy	AUD	ORD	10,005	10,005
BlackRock Investment Management (UK) Limited	10-Oct-18	yes	1.95	on mkt buy	AUD	ORD	100,051	100,051
BlackRock Investment Management (Australia) Limited	10-Oct-18	yes	1.95	on mkt buy	AUD	ORD	2,469	2,469
BlackRock Advisors, LLC	11-Oct-18	yes	2.00	on mkt buy	AUD	ORD	253	253
BlackRock Investment Management (UK) Limited	11-Oct-18	yes	2.00	on mkt buy	AUD	ORD	4,941	4,941
BlackRock Japan Co., Ltd.	11-Oct-18	yes	2.00	on mkt buy	AUD	ORD	4,137	4,137
BlackRock Investment Management (UK) Limited	11-Oct-18	yes	2.00	on mkt buy	AUD	ORD	34,475	34,475
BlackRock Japan Co., Ltd.	11-Oct-18	yes	2.00	on mkt buy	AUD	ORD	5,056	5,056
BlackRock Investment Management (UK) Limited	11-Oct-18	yes	2.00	on mkt buy	AUD	ORD	7,278	7,278
BlackRock Investment Management (UK) Limited	11-Oct-18	yes	2.00	on mkt buy	AUD	ORD	11,492	11,492
BlackRock Investment Management (UK) Limited	11-Oct-18	yes	2.00	on mkt buy	AUD	ORD	114,916	114,916
BlackRock Advisors (UK) Limited	11-Oct-18	yes	2.01	on mkt buy	AUD	ORD	16,455	16,455
BlackRock Advisors (UK) Limited	12-Oct-18	yes	2.11	on mkt buy	AUD	ORD	39,150	39,150
BlackRock Investment Management (Australia) Limited	12-Oct-18	yes	2.12	on mkt buy	AUD	ORD	78,829	78,829
BlackRock Advisors, LLC	12-Oct-18	yes	2.11	on mkt buy	AUD	ORD	1,154	1,154
BlackRock Investment Management (UK) Limited	12-Oct-18	yes	2.11	on mkt buy	AUD	ORD	22,562	22,562
BlackRock Japan Co., Ltd.	12-Oct-18	yes	2.11	on mkt buy	AUD	ORD	18,889	18,889
BlackRock Investment Management (UK) Limited	12-Oct-18	yes	2.11	on mkt buy	AUD	ORD	157,409	157,409
BlackRock Japan Co., Ltd.	12-Oct-18	yes	2.11	on mkt buy	AUD	ORD	23,086	23,086
BlackRock Investment Management (UK) Limited	12-Oct-18	yes	2.11	on mkt buy	AUD	ORD	33,232	33,232
BlackRock Investment Management (UK) Limited	12-Oct-18	yes	2.11	on mkt buy	AUD	ORD	52,470	52,470
BlackRock Investment Management (UK) Limited	12-Oct-18	yes	2.11	on mkt buy	AUD	ORD	524,696	524,696
BlackRock Investment Management (Australia) Limited	15-Oct-18	yes	2.12	on mkt buy	AUD	ORD	6,482	6,482
BlackRock Advisors (UK) Limited	15-Oct-18	yes	2.12	on mkt buy	AUD	ORD	8,704	8,704
BlackRock Advisors, LLC	15-Oct-18	yes	2.09	on mkt buy	AUD	ORD	1,060	1,060
BlackRock Investment Management (UK) Limited	15-Oct-18	yes	2.09	on mkt buy	AUD	ORD	20,701	20,701
BlackRock Japan Co., Ltd.	15-Oct-18	yes	2.09	on mkt buy	AUD	ORD	17,331	17,331
BlackRock Investment Management (UK) Limited	15-Oct-18	yes	2.09	on mkt buy	AUD	ORD	144,425	144,425
BlackRock Japan Co., Ltd.	15-Oct-18	yes	2.09	on mkt buy	AUD	ORD	21,182	21,182



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			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	15-Oct-18	yes	2.09	on mkt buy	AUD	ORD	30,491	30,491
BlackRock Investment Management (UK) Limited	15-Oct-18	yes	2.09	on mkt buy	AUD	ORD	48,141	48,141
BlackRock Investment Management (UK) Limited	15-Oct-18	yes	2.09	on mkt buy	AUD	ORD	481,416	481,416
BlackRock Advisors, LLC	16-Oct-18	yes	2.15	on mkt buy	AUD	ORD	34	34
BlackRock Investment Management (UK) Limited	16-Oct-18	yes	2.15	on mkt buy	AUD	ORD	666	666
BlackRock Japan Co., Ltd.	16-Oct-18	yes	2.15	on mkt buy	AUD	ORD	557	557
BlackRock Investment Management (UK) Limited	16-Oct-18	yes	2.15	on mkt buy	AUD	ORD	4,642	4,642
BlackRock Japan Co., Ltd.	16-Oct-18	yes	2.15	on mkt buy	AUD	ORD	681	681
BlackRock Investment Management (UK) Limited	16-Oct-18	yes	2.15	on mkt buy	AUD	ORD	980	980
BlackRock Investment Management (UK) Limited	16-Oct-18	yes	2.15	on mkt buy	AUD	ORD	1,547	1,547
BlackRock Investment Management (UK) Limited	16-Oct-18	yes	2.15	on mkt buy	AUD	ORD	15,474	15,474
BlackRock Advisors, LLC	16-Oct-18	yes	2.21	on mkt buy	AUD	ORD	1,434	1,434
BlackRock Investment Management (UK) Limited	16-Oct-18	yes	2.21	on mkt buy	AUD	ORD	28,034	28,034
BlackRock Japan Co., Ltd.	16-Oct-18	yes	2.21	on mkt buy	AUD	ORD	23,472	23,472
BlackRock Investment Management (UK) Limited	16-Oct-18	yes	2.21	on mkt buy	AUD	ORD	195,593	195,593
BlackRock Japan Co., Ltd.	16-Oct-18	yes	2.21	on mkt buy	AUD	ORD	28,687	28,687
BlackRock Investment Management (UK) Limited	16-Oct-18	yes	2.21	on mkt buy	AUD	ORD	41,295	41,295
BlackRock Investment Management (UK) Limited	16-Oct-18	yes	2.21	on mkt buy	AUD	ORD	65,198	65,198
BlackRock Investment Management (UK) Limited	16-Oct-18	yes	2.21	on mkt buy	AUD	ORD	651,978	651,978
BlackRock Advisors (UK) Limited	16-Oct-18	yes	2.23	on mkt buy	AUD	ORD	4,352	4,352
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	2.20	on mkt buy	AUD	ORD	5,024	5,024
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	2.20	on mkt buy	AUD	ORD	11,713	11,713
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	2.21	on mkt buy	AUD	ORD	51,559	51,559
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	2.21	on mkt buy	AUD	ORD	120,219	120,219
BlackRock Advisors (UK) Limited	17-Oct-18	yes	2.22	on mkt buy	AUD	ORD	17,412	17,412
BlackRock Advisors (UK) Limited	17-Oct-18	yes	2.22	on mkt buy	AUD	ORD	2,194	2,194
BlackRock Advisors (UK) Limited	17-Oct-18	yes	2.22	on mkt buy	AUD	ORD	8,706	8,706
BlackRock Advisors (UK) Limited	18-Oct-18	yes	2.27	on mkt buy	AUD	ORD	21,770	21,770
BlackRock Investment Management (Australia) Limited	18-Oct-18	yes	2.27	on mkt buy	AUD	ORD	7,387	7,387
BlackRock (Netherlands) B.V.	23-Oct-18	yes	2.40	on mkt buy	AUD	ORD	7,249	7,249
BlackRock Investment Management (Australia) Limited	24-Oct-18	yes	2.50	on mkt buy	AUD	ORD	16,676	16,676
BlackRock Investment Management (Australia) Limited	24-Oct-18	yes	2.50	on mkt buy	AUD	ORD	22,086	22,086
BlackRock Investment Management (UK) Limited	24-Oct-18	yes	2.46	on mkt buy	AUD	ORD	1,200,000	1,200,000
BlackRock Investment Management (UK) Limited	24-Oct-18	yes	2.51	on mkt buy	AUD	ORD	36,547	36,547
BlackRock Advisors (UK) Limited	24-Oct-18	yes	2.50	on mkt buy	AUD	ORD	21,770	21,770
BlackRock Advisors (UK) Limited	24-Oct-18	yes	2.52	on mkt buy	AUD	ORD	2,194	2,194
BlackRock Investment Management (UK) Limited	25-Oct-18	yes	2.49	on mkt buy	AUD	ORD	263,453	263,453
BlackRock Investment Management (Australia) Limited	26-Oct-18	yes	2.44	on mkt buy	AUD	ORD	86,154	86,154
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	2.45	on mkt buy	AUD	ORD	47,420	47,420
BlackRock Fund Advisors	01-Nov-18	yes	2.45	on mkt buy	AUD	ORD	1,440	1,440
BlackRock Fund Advisors	01-Nov-18	no	n/a	in specie	AUD	ORD	4,513	4,513
BlackRock Fund Advisors	01-Nov-18	no	n/a	in specie	AUD	ORD	13,539	13,539
BlackRock Investment Management (Australia) Limited	02-Nov-18	yes	2.50	on mkt buy	AUD	ORD	8,325	8,325
BlackRock Fund Advisors	07-Nov-18	no	n/a	in specie	AUD	ORD	9,026	9,026
BlackRock Fund Advisors	08-Nov-18	no	n/a	in specie	AUD	ORD	13,539	13,539
BlackRock Investment Management (Australia) Limited	09-Nov-18	yes	2.50	on mkt buy	AUD	ORD	51,314	51,314
BlackRock Investment Management (Australia) Limited	12-Nov-18	yes	2.50	on mkt buy	AUD	ORD	25,799	25,799

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BlackRock Institutional Trust Company, National Association	13-Nov-18	no	n/a	in specie	AUD	ORD	34,376	34,376
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	2.53	on mkt buy	AUD	ORD	32,009	32,009
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	2.53	on mkt buy	AUD	ORD	99,204	99,204
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	2.53	on mkt buy	AUD	ORD	17,291	17,291
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	2.53	on mkt buy	AUD	ORD	69,739	69,739
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	2.53	on mkt buy	AUD	ORD	125,502	125,502
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	2.53	on mkt buy	AUD	ORD	78,303	78,303
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	2.53	on mkt buy	AUD	ORD	155,557	155,557
BlackRock Advisors (UK) Limited	14-Nov-18	yes	2.50	on mkt buy	AUD	ORD	1,097	1,097
BlackRock Investment Management (Australia) Limited	15-Nov-18	yes	2.49	on mkt buy	AUD	ORD	6,163	6,163
BlackRock Investment Management (Australia) Limited	15-Nov-18	yes	2.49	on mkt buy	AUD	ORD	8,325	8,325
BlackRock Advisors (UK) Limited	19-Nov-18	yes	2.52	on mkt buy	AUD	ORD	1,097	1,097
BlackRock Investment Management (Australia) Limited	20-Nov-18	yes	2.61	on mkt buy	AUD	ORD	36,295	36,295
BlackRock Investment Management (Australia) Limited	21-Nov-18	yes	2.62	on mkt buy	AUD	ORD	77,523	77,523
BlackRock Institutional Trust Company, National Association	21-Nov-18	yes	2.62	on mkt buy	AUD	ORD	9,441	9,441
BlackRock Institutional Trust Company, National Association	21-Nov-18	yes	2.62	on mkt buy	AUD	ORD	3,280	3,280
BlackRock Institutional Trust Company, National Association	21-Nov-18	yes	2.62	on mkt buy	AUD	ORD	3,200	3,200
BlackRock Fund Advisors	21-Nov-18	no	n/a	in specie	AUD	ORD	4,218	4,218
BlackRock Investment Management (Australia) Limited	22-Nov-18	yes	2.63	on mkt buy	AUD	ORD	7,708	7,708
BlackRock Institutional Trust Company, National Association	27-Nov-18	yes	2.59	on mkt buy	AUD	ORD	4,832	4,832
BlackRock Institutional Trust Company, National Association	27-Nov-18	yes	2.59	on mkt buy	AUD	ORD	922	922
BlackRock Investment Management (Australia) Limited	27-Nov-18	yes	2.59	on mkt buy	AUD	ORD	6,491	6,491
BlackRock Investment Management (Australia) Limited	27-Nov-18	yes	2.56	on mkt buy	AUD	ORD	9,250	9,250
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	2.47	on mkt buy	AUD	ORD	541	541
BlackRock Fund Advisors	30-Nov-18	yes	2.47	on mkt buy	AUD	ORD	134,975	134,975
BlackRock Investment Management (Australia) Limited	30-Nov-18	yes	2.47	on mkt buy	AUD	ORD	3,981	3,981
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	2.47	on mkt buy	AUD	ORD	1,203	1,203
BlackRock Fund Advisors	30-Nov-18	yes	2.47	on mkt buy	AUD	ORD	300,458	300,458
BlackRock Investment Management (Australia) Limited	03-Dec-18	yes	2.54	on mkt buy	AUD	ORD	58,532	58,532
BlackRock Institutional Trust Company, National Association	04-Dec-18	yes	2.56	on mkt buy	AUD	ORD	5,090	5,090
BlackRock Institutional Trust Company, National Association	05-Dec-18	yes	2.52	on mkt buy	AUD	ORD	75,357	75,357
BlackRock Fund Advisors	06-Dec-18	yes	2.60	on mkt buy	AUD	ORD	64,646	64,646
BlackRock Investment Management (Australia) Limited	07-Dec-18	yes	2.60	on mkt buy	AUD	ORD	5,516	5,516
BlackRock Advisors (UK) Limited	07-Dec-18	yes	2.60	on mkt buy	AUD	ORD	23,373	23,373
BlackRock Investment Management (Australia) Limited	10-Dec-18	yes	2.64	on mkt buy	AUD	ORD	4,625	4,625
BlackRock Advisors (UK) Limited	10-Dec-18	yes	2.64	on mkt buy	AUD	ORD	1,097	1,097
BlackRock Fund Advisors	10-Dec-18	yes	2.64	on mkt buy	AUD	ORD	17,508	17,508
BlackRock Fund Advisors	10-Dec-18	no	n/a	in specie	AUD	ORD	4,218	4,218
BlackRock Investment Management (Australia) Limited	11-Dec-18	yes	2.77	on mkt buy	AUD	ORD	9,250	9,250
BlackRock Fund Advisors	11-Dec-18	no	n/a	in specie	AUD	ORD	28,896	28,896
BlackRock Fund Advisors	11-Dec-18	no	n/a	in specie	AUD	ORD	9,632	9,632
BlackRock Advisors (UK) Limited	12-Dec-18	yes	2.76	on mkt buy	AUD	ORD	1,097	1,097
BlackRock Advisors (UK) Limited	12-Dec-18	yes	2.74	on mkt buy	AUD	ORD	4,378	4,378
BlackRock Advisors (UK) Limited	13-Dec-18	yes	2.72	on mkt buy	AUD	ORD	2,194	2,194
BlackRock Institutional Trust Company, National Association	13-Dec-18	yes	2.72	on mkt buy	AUD	ORD	17,662	17,662
BlackRock Fund Advisors	17-Dec-18	no	n/a	in specie	AUD	ORD	8,436	8,436

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BlackRock Fund Advisors	17-Dec-18	no	n/a	in specie	AUD	ORD	19,264	19,264
BlackRock Fund Advisors	17-Dec-18	no	n/a	in specie	AUD	ORD	13,539	13,539
BlackRock Institutional Trust Company, National Association	18-Dec-18	yes	2.90	on mkt buy	AUD	ORD	687	687
BlackRock Institutional Trust Company, National Association	18-Dec-18	yes	2.90	on mkt buy	AUD	ORD	8,606	8,606
BlackRock Investment Management (Australia) Limited	18-Dec-18	yes	2.90	on mkt buy	AUD	ORD	13,726	13,726
BlackRock Advisors (UK) Limited	18-Dec-18	yes	2.86	on mkt buy	AUD	ORD	1,097	1,097
BlackRock Investment Management (Australia) Limited	18-Dec-18	yes	2.86	on mkt buy	AUD	ORD	2,229	2,229
BlackRock Advisors (UK) Limited	19-Dec-18	yes	2.88	on mkt buy	AUD	ORD	13,134	13,134
BlackRock Advisors (UK) Limited	19-Dec-18	yes	2.94	on mkt buy	AUD	ORD	35,024	35,024
BlackRock Investment Management (Australia) Limited	21-Dec-18	yes	2.79	on mkt buy	AUD	ORD	22,875	22,875
BlackRock Investment Management (Australia) Limited	21-Dec-18	yes	2.79	on mkt buy	AUD	ORD	5,627	5,627
BlackRock Investment Management (Australia) Limited	21-Dec-18	yes	2.79	on mkt buy	AUD	ORD	15,645	15,645
BlackRock Advisors (UK) Limited	21-Dec-18	yes	2.80	on mkt buy	AUD	ORD	416,195	416,195
BlackRock Fund Advisors	21-Dec-18	no	n/a	in specie	AUD	ORD	15,320	15,320
BlackRock Advisors (UK) Limited	24-Dec-18	yes	2.77	on mkt buy	AUD	ORD	26,394	26,394
BlackRock Advisors (UK) Limited	24-Dec-18	yes	2.77	on mkt buy	AUD	ORD	21,995	21,995
BlackRock Investment Management (Australia) Limited	27-Dec-18	yes	2.82	on mkt buy	AUD	ORD	13,194	13,194
BlackRock Investment Management (Australia) Limited	27-Dec-18	yes	2.82	on mkt buy	AUD	ORD	174,499	174,499
BlackRock Advisors (UK) Limited	28-Dec-18	yes	2.85	on mkt buy	AUD	ORD	8,800	8,800
BlackRock Advisors (UK) Limited	28-Dec-18	yes	2.85	on mkt buy	AUD	ORD	35,200	35,200
BlackRock Advisors (UK) Limited	28-Dec-18	yes	2.85	on mkt buy	AUD	ORD	4,400	4,400
BlackRock Investment Management (UK) Limited	31-Dec-18	yes	2.90	on mkt buy	AUD	ORD	30,077	30,077
BlackRock Japan Co., Ltd.	31-Dec-18	yes	2.90	on mkt buy	AUD	ORD	27,055	27,055
BlackRock Investment Management (UK) Limited	31-Dec-18	yes	2.90	on mkt buy	AUD	ORD	182,855	182,855
BlackRock Japan Co., Ltd.	31-Dec-18	yes	2.90	on mkt buy	AUD	ORD	26,157	26,157
BlackRock Investment Management (UK) Limited	31-Dec-18	yes	2.90	on mkt buy	AUD	ORD	30,977	30,977
BlackRock Investment Management (UK) Limited	31-Dec-18	yes	2.90	on mkt buy	AUD	ORD	586,058	586,058
BlackRock Investment Management (UK) Limited	02-Jan-19	yes	2.91	on mkt buy	AUD	ORD	34,055	34,055
BlackRock Japan Co., Ltd.	02-Jan-19	yes	2.91	on mkt buy	AUD	ORD	30,634	30,634
BlackRock Investment Management (UK) Limited	02-Jan-19	yes	2.91	on mkt buy	AUD	ORD	207,041	207,041
BlackRock Japan Co., Ltd.	02-Jan-19	yes	2.91	on mkt buy	AUD	ORD	29,618	29,618
BlackRock Investment Management (UK) Limited	02-Jan-19	yes	2.91	on mkt buy	AUD	ORD	35,076	35,076
BlackRock Investment Management (UK) Limited	02-Jan-19	yes	2.91	on mkt buy	AUD	ORD	663,576	663,576
BlackRock Investment Management (Australia) Limited	02-Jan-19	yes	2.91	on mkt buy	AUD	ORD	32,715	32,715
BlackRock Investment Management (Australia) Limited	02-Jan-19	yes	2.91	on mkt buy	AUD	ORD	56,446	56,446
BlackRock Investment Management (UK) Limited	03-Jan-19	yes	3.00	on mkt buy	AUD	ORD	15,827	15,827
BlackRock Japan Co., Ltd.	03-Jan-19	yes	3.00	on mkt buy	AUD	ORD	17,539	17,539
BlackRock Investment Management (UK) Limited	03-Jan-19	yes	3.00	on mkt buy	AUD	ORD	139,684	139,684
BlackRock Japan Co., Ltd.	03-Jan-19	yes	3.00	on mkt buy	AUD	ORD	20,364	20,364
BlackRock Investment Management (UK) Limited	03-Jan-19	yes	3.00	on mkt buy	AUD	ORD	41,838	41,838
BlackRock Investment Management (UK) Limited	03-Jan-19	yes	3.00	on mkt buy	AUD	ORD	442,112	442,112
BlackRock Institutional Trust Company, National Association	03-Jan-19	yes	2.99	on mkt buy	AUD	ORD	2,234	2,234
BlackRock Investment Management (Australia) Limited	03-Jan-19	yes	3.00	on mkt buy	AUD	ORD	3,824	3,824
BlackRock Investment Management (UK) Limited	03-Jan-19	yes	3.01	on mkt buy	AUD	ORD	6,776	6,776
BlackRock Japan Co., Ltd.	03-Jan-19	yes	3.01	on mkt buy	AUD	ORD	7,509	7,509
BlackRock Investment Management (UK) Limited	03-Jan-19	yes	3.01	on mkt buy	AUD	ORD	59,803	59,803
BlackRock Japan Co., Ltd.	03-Jan-19	yes	3.01	on mkt buy	AUD	ORD	8,719	8,719

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BlackRock Investment Management (UK) Limited	03-Jan-19	yes	3.01	on mkt buy	AUD	ORD	17,912	17,912
BlackRock Investment Management (UK) Limited	03-Jan-19	yes	3.01	on mkt buy	AUD	ORD	189,281	189,281
BlackRock Advisors (UK) Limited	03-Jan-19	yes	3.02	on mkt buy	AUD	ORD	1,097	1,097
BlackRock Advisors (UK) Limited	03-Jan-19	yes	3.02	on mkt buy	AUD	ORD	2,194	2,194
BlackRock Advisors (UK) Limited	03-Jan-19	yes	3.02	on mkt buy	AUD	ORD	2,194	2,194
BlackRock Investment Management (UK) Limited	04-Jan-19	yes	3.13	on mkt buy	AUD	ORD	28,580	28,580
BlackRock Japan Co., Ltd.	04-Jan-19	yes	3.13	on mkt buy	AUD	ORD	31,673	31,673
BlackRock Investment Management (UK) Limited	04-Jan-19	yes	3.13	on mkt buy	AUD	ORD	252,247	252,247
BlackRock Japan Co., Ltd.	04-Jan-19	yes	3.13	on mkt buy	AUD	ORD	36,774	36,774
BlackRock Investment Management (UK) Limited	04-Jan-19	yes	3.13	on mkt buy	AUD	ORD	75,552	75,552
BlackRock Investment Management (UK) Limited	04-Jan-19	yes	3.13	on mkt buy	AUD	ORD	798,380	798,380
BlackRock Fund Advisors	04-Jan-19	no	n/a	in specie	AUD	ORD	10,170	10,170
BlackRock Fund Advisors	04-Jan-19	no	n/a	in specie	AUD	ORD	14,274	14,274
BlackRock Fund Advisors	04-Jan-19	no	n/a	in specie	AUD	ORD	14,274	14,274
BlackRock Fund Advisors	04-Jan-19	no	n/a	in specie	AUD	ORD	6,732	6,732
BlackRock Investment Management (UK) Limited	07-Jan-19	yes	3.13	on mkt buy	AUD	ORD	13,655	13,655
BlackRock Japan Co., Ltd.	07-Jan-19	yes	3.13	on mkt buy	AUD	ORD	15,133	15,133
BlackRock Investment Management (UK) Limited	07-Jan-19	yes	3.13	on mkt buy	AUD	ORD	120,518	120,518
BlackRock Japan Co., Ltd.	07-Jan-19	yes	3.13	on mkt buy	AUD	ORD	17,569	17,569
BlackRock Investment Management (UK) Limited	07-Jan-19	yes	3.13	on mkt buy	AUD	ORD	36,097	36,097
BlackRock Investment Management (UK) Limited	07-Jan-19	yes	3.13	on mkt buy	AUD	ORD	381,448	381,448
BlackRock Investment Management (UK) Limited	07-Jan-19	yes	3.15	on mkt buy	AUD	ORD	23,365	23,365
BlackRock Japan Co., Ltd.	07-Jan-19	yes	3.15	on mkt buy	AUD	ORD	25,893	25,893
BlackRock Investment Management (UK) Limited	07-Jan-19	yes	3.15	on mkt buy	AUD	ORD	206,217	206,217
BlackRock Japan Co., Ltd.	07-Jan-19	yes	3.15	on mkt buy	AUD	ORD	30,064	30,064
BlackRock Investment Management (UK) Limited	07-Jan-19	yes	3.15	on mkt buy	AUD	ORD	61,766	61,766
BlackRock Investment Management (UK) Limited	07-Jan-19	yes	3.15	on mkt buy	AUD	ORD	652,695	652,695
BlackRock Investment Management (Australia) Limited	07-Jan-19	yes	3.13	on mkt buy	AUD	ORD	2,835	2,835
BlackRock Advisors (UK) Limited	08-Jan-19	yes	3.01	on mkt buy	AUD	ORD	8,804	8,804
BlackRock Advisors (UK) Limited	08-Jan-19	yes	3.01	on mkt buy	AUD	ORD	13,206	13,206
BlackRock Investment Management (UK) Limited	08-Jan-19	yes	3.03	on mkt buy	AUD	ORD	25,204	25,204
BlackRock Japan Co., Ltd.	08-Jan-19	yes	3.03	on mkt buy	AUD	ORD	27,932	27,932
BlackRock Investment Management (UK) Limited	08-Jan-19	yes	3.03	on mkt buy	AUD	ORD	222,449	222,449
BlackRock Japan Co., Ltd.	08-Jan-19	yes	3.03	on mkt buy	AUD	ORD	32,430	32,430
BlackRock Investment Management (UK) Limited	08-Jan-19	yes	3.03	on mkt buy	AUD	ORD	66,628	66,628
BlackRock Investment Management (UK) Limited	08-Jan-19	yes	3.03	on mkt buy	AUD	ORD	704,069	704,069
BlackRock Fund Advisors	08-Jan-19	no	n/a	in specie	AUD	ORD	3,164	3,164

## Annexure C

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

10-Jan-19

**Maria Tricarico,**  
**Authorised Signatory**

**Date**

### 7. Addresses

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

<b>Name</b>	<b>Address</b>
<b>BlackRock Group</b>	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelvein 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 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 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)