

Form 603Corporations Act 2001
Section 671B**Notice of initial substantial holder**To Company Name/Scheme SANDFIRE RESOURCES NLACN/ARSN 105 154 185**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 07 / 08 / 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	8,007,386	8,007,386	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 09 / 08 / 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.

09-Aug-19

Maria Tricarico,
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.	SSB-STATE STREET LONDON		ORD 20,529	20,529	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 22,297	22,297	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 13,660	13,660	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 29,646	29,646	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 13,698	13,698	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 44,931	44,931	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 1,890,523	1,890,523	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 9,784	9,784	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock 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 1,019,857	1,019,857	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 1,936	1,936	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 93,555	93,555	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 932	932	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.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ORD 26,714	26,714	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 190,586	190,586	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 1,005,502	1,005,502	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 1,352,069	1,352,069	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 147,914	147,914	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 683,957	683,957	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 61,082	61,082	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 7,521	7,521	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 82,159	82,159	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, 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-BONY LUXEMBOURG		ORD 110,000	110,000	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 36,138	36,138	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 5,890	5,890	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 273,282	273,282	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 80,811	80,811	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 31,700	31,700	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 57,519	57,519	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 693,194	693,194	subsidiary of BlackRock Inc.

This is Annexure B of 4 pages referred to in form 603 Notice of initial substantial shareholder

09-Aug-19

Maria Tricarico,
Authorised Signatory

Date

5. Consideration

SANDFIRE RESOURCES NL (SFR)								
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	08-Apr-19	no	n/a	in specie	AUD	ORD	960	960
BlackRock Fund Advisors	08-Apr-19	no	n/a	in specie	AUD	ORD	5,250	5,250
BlackRock Investment Management (Australia) Limited	09-Apr-19	yes	7.48	on mkt buy	AUD	ORD	7,406	7,406
BlackRock Investment Management (Australia) Limited	09-Apr-19	yes	7.48	on mkt buy	AUD	ORD	552	552
BlackRock Investment Management (Australia) Limited	10-Apr-19	yes	7.52	on mkt buy	AUD	ORD	4,643	4,643
BLACKROCK FINANCIAL MANAGEMENT, INC.	10-Apr-19	yes	7.52	on mkt buy	AUD	ORD	7,022	7,022
BlackRock Investment Management (Australia) Limited	11-Apr-19	yes	7.38	on mkt buy	AUD	ORD	2,959	2,959
BlackRock Fund Advisors	12-Apr-19	no	n/a	in specie	AUD	ORD	4,350	4,350
BlackRock Investment Management (Australia) Limited	16-Apr-19	yes	7.23	on mkt buy	AUD	ORD	12,304	12,304
BlackRock Fund Advisors	16-Apr-19	no	n/a	in specie	AUD	ORD	6,000	6,000
BlackRock Investment Management (Australia) Limited	17-Apr-19	yes	7.13	on mkt buy	AUD	ORD	24,401	24,401
BlackRock Investment Management (Australia) Limited	18-Apr-19	yes	7.27	on mkt buy	AUD	ORD	39,963	39,963
BlackRock Investment Management (Australia) Limited	23-Apr-19	no	n/a	in specie	AUD	ORD	38,104	38,104
BlackRock Investment Management (Australia) Limited	23-Apr-19	yes	7.41	on mkt buy	AUD	ORD	11,563	11,563
BlackRock Investment Management, LLC	23-Apr-19	yes	7.41	on mkt buy	AUD	ORD	1,615	1,615
BlackRock Fund Advisors	23-Apr-19	yes	7.48	on mkt buy	AUD	ORD	27,126	27,126
BlackRock Fund Advisors	23-Apr-19	no	n/a	in specie	AUD	ORD	1,600	1,600
BlackRock Institutional Trust Company, National Association	24-Apr-19	yes	7.38	on mkt buy	AUD	ORD	337	337
BlackRock Institutional Trust Company, National Association	24-Apr-19	yes	7.38	on mkt buy	AUD	ORD	333	333
BlackRock Investment Management (Australia) Limited	24-Apr-19	yes	7.38	on mkt buy	AUD	ORD	3,259	3,259
BlackRock Investment Management (Australia) Limited	24-Apr-19	yes	7.38	on mkt buy	AUD	ORD	25,227	25,227
BlackRock Investment Management (Australia) Limited	24-Apr-19	yes	7.39	on mkt buy	AUD	ORD	7,921	7,921
BlackRock Investment Management (Australia) Limited	24-Apr-19	yes	7.38	on mkt buy	AUD	ORD	9,594	9,594
BlackRock Investment Management (Australia) Limited	24-Apr-19	yes	7.33	on mkt buy	AUD	ORD	1,472	1,472
BlackRock Investment Management (Australia) Limited	24-Apr-19	yes	7.33	on mkt buy	AUD	ORD	20,623	20,623
BlackRock Fund Advisors	24-Apr-19	no	n/a	in specie	AUD	ORD	1,040	1,040
BlackRock Fund Advisors	24-Apr-19	no	n/a	in specie	AUD	ORD	6,342	6,342
BlackRock Investment Management (Australia) Limited	26-Apr-19	yes	7.17	on mkt buy	AUD	ORD	6,605	6,605
BlackRock Fund Advisors	26-Apr-19	no	n/a	in specie	AUD	ORD	4,832	4,832
BlackRock Investment Management (Australia) Limited	30-Apr-19	yes	7.02	on mkt buy	AUD	ORD	10,489	10,489
BlackRock Investment Management (Australia) Limited	30-Apr-19	yes	7.04	on mkt buy	AUD	ORD	736	736
BlackRock Investment Management, LLC	02-May-19	yes	6.91	on mkt buy	AUD	ORD	18,894	18,894
BlackRock Advisors (UK) Limited	02-May-19	yes	6.93	on mkt buy	AUD	ORD	194	194
BlackRock Fund Advisors	03-May-19	no	n/a	in specie	AUD	ORD	2,010	2,010
BlackRock Investment Management (Australia) Limited	07-May-19	yes	6.73	on mkt buy	AUD	ORD	10,043	10,043
BlackRock Investment Management, LLC	07-May-19	yes	6.73	on mkt buy	AUD	ORD	9,192	9,192
BLACKROCK FINANCIAL MANAGEMENT, INC.	07-May-19	yes	6.74	on mkt buy	AUD	ORD	4,865	4,865
BlackRock Fund Advisors	07-May-19	no	n/a	in specie	AUD	ORD	1,190	1,190
BlackRock Fund Advisors	07-May-19	no	n/a	in specie	AUD	ORD	2,040	2,040
BlackRock Fund Advisors	08-May-19	no	n/a	in specie	AUD	ORD	2,680	2,680

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	08-May-19	no	n/a	in specie	AUD	ORD	1,566	1,566
BlackRock Investment Management, LLC	09-May-19	yes	6.76	on mkt buy	AUD	ORD	9,594	9,594
BlackRock Fund Advisors	10-May-19	no	n/a	in specie	AUD	ORD	723	723
BlackRock Fund Advisors	13-May-19	no	n/a	in specie	AUD	ORD	2,160	2,160
BlackRock Investment Management (Australia) Limited	14-May-19	yes	6.69	on mkt buy	AUD	ORD	13,338	13,338
BlackRock Investment Management, LLC	14-May-19	yes	6.69	on mkt buy	AUD	ORD	11,939	11,939
BlackRock Fund Advisors	14-May-19	no	n/a	in specie	AUD	ORD	880	880
BlackRock Fund Advisors	15-May-19	no	n/a	in specie	AUD	ORD	2,505	2,505
BlackRock Investment Management (Australia) Limited	16-May-19	yes	6.80	on mkt buy	AUD	ORD	8,675	8,675
BlackRock Investment Management, LLC	16-May-19	yes	6.80	on mkt buy	AUD	ORD	1,791	1,791
BlackRock (Netherlands) B.V.	20-May-19	no	n/a	in specie	AUD	ORD	20,529	20,529
BlackRock Investment Management (Australia) Limited	21-May-19	yes	6.55	on mkt buy	AUD	ORD	10,499	10,499
BlackRock Investment Management, LLC	21-May-19	yes	6.55	on mkt buy	AUD	ORD	4,550	4,550
BlackRock Advisors (UK) Limited	21-May-19	yes	6.57	on mkt buy	AUD	ORD	194	194
BlackRock Advisors (UK) Limited	22-May-19	yes	6.58	on mkt buy	AUD	ORD	194	194
BlackRock Fund Advisors	22-May-19	no	n/a	in specie	AUD	ORD	2,550	2,550
BlackRock Fund Advisors	22-May-19	no	n/a	in specie	AUD	ORD	5,100	5,100
BlackRock Institutional Trust Company, National Association	22-May-19	no	n/a	in specie	AUD	ORD	11,606	11,606
BlackRock Investment Management (Australia) Limited	23-May-19	yes	6.47	on mkt buy	AUD	ORD	7,689	7,689
BlackRock Investment Management, LLC	23-May-19	yes	6.48	on mkt buy	AUD	ORD	7,070	7,070
BlackRock Fund Advisors	23-May-19	yes	6.44	on mkt buy	AUD	ORD	29,092	29,092
BlackRock Investment Management, LLC	24-May-19	yes	6.36	on mkt buy	AUD	ORD	2,653	2,653
BlackRock Investment Management (Australia) Limited	24-May-19	yes	6.33	on mkt buy	AUD	ORD	3,235	3,235
BlackRock Investment Management (Australia) Limited	28-May-19	yes	6.35	on mkt buy	AUD	ORD	7,095	7,095
BLACKROCK FINANCIAL MANAGEMENT, INC.	28-May-19	yes	6.32	on mkt buy	AUD	ORD	1,811	1,811
BlackRock Investment Management (Australia) Limited	29-May-19	yes	6.23	on mkt buy	AUD	ORD	29,251	29,251
BlackRock Advisors (UK) Limited	29-May-19	yes	6.20	on mkt buy	AUD	ORD	388	388
BlackRock Investment Management (Australia) Limited	30-May-19	yes	6.15	on mkt buy	AUD	ORD	8,803	8,803
BlackRock Investment Management, LLC	30-May-19	yes	6.15	on mkt buy	AUD	ORD	13,261	13,261
BlackRock Fund Advisors	30-May-19	yes	6.13	on mkt buy	AUD	ORD	22,834	22,834
BlackRock Fund Advisors	30-May-19	no	n/a	in specie	AUD	ORD	5,790	5,790
BlackRock Investment Management, LLC	31-May-19	yes	6.14	on mkt buy	AUD	ORD	9,033	9,033
BlackRock Institutional Trust Company, National Association	31-May-19	yes	6.15	on mkt buy	AUD	ORD	16,199	16,199
BlackRock Investment Management (Australia) Limited	04-Jun-19	yes	6.07	on mkt buy	AUD	ORD	13,234	13,234
BlackRock Investment Management, LLC	04-Jun-19	yes	6.07	on mkt buy	AUD	ORD	13,756	13,756
BlackRock Fund Advisors	05-Jun-19	no	n/a	in specie	AUD	ORD	3,864	3,864
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.03	on mkt buy	AUD	ORD	1,895	1,895
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.03	on mkt buy	AUD	ORD	1,804	1,804
BlackRock Investment Management, LLC	06-Jun-19	yes	6.03	on mkt buy	AUD	ORD	907	907
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.03	on mkt buy	AUD	ORD	5,595	5,595
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.03	on mkt buy	AUD	ORD	3,623	3,623
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.03	on mkt buy	AUD	ORD	2,378	2,378
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.03	on mkt buy	AUD	ORD	4,778	4,778
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.00	on mkt buy	AUD	ORD	2,449	2,449
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.00	on mkt buy	AUD	ORD	2,332	2,332
BlackRock Investment Management, LLC	06-Jun-19	yes	6.00	on mkt buy	AUD	ORD	1,173	1,173
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.00	on mkt buy	AUD	ORD	7,229	7,229
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.00	on mkt buy	AUD	ORD	4,681	4,681
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.00	on mkt buy	AUD	ORD	3,073	3,073
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.00	on mkt buy	AUD	ORD	6,174	6,174
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.01	on mkt buy	AUD	ORD	13,549	13,549

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.01	on mkt buy	AUD	ORD	12,896	12,896
BlackRock Investment Management, LLC	06-Jun-19	yes	6.01	on mkt buy	AUD	ORD	6,484	6,484
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.01	on mkt buy	AUD	ORD	39,998	39,998
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.01	on mkt buy	AUD	ORD	25,903	25,903
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.01	on mkt buy	AUD	ORD	17,005	17,005
BlackRock Investment Management (Australia) Limited	06-Jun-19	yes	6.01	on mkt buy	AUD	ORD	34,165	34,165
BlackRock Investment Management, LLC	07-Jun-19	yes	6.03	on mkt buy	AUD	ORD	6,767	6,767
BlackRock Investment Management (Australia) Limited	11-Jun-19	yes	6.17	on mkt buy	AUD	ORD	27,949	27,949
BlackRock Investment Management, LLC	11-Jun-19	yes	6.17	on mkt buy	AUD	ORD	1,741	1,741
BlackRock Advisors (UK) Limited	11-Jun-19	yes	6.12	on mkt buy	AUD	ORD	582	582
BlackRock Institutional Trust Company, National Association	12-Jun-19	yes	6.41	on mkt buy	AUD	ORD	2,466	2,466
BlackRock Institutional Trust Company, National Association	12-Jun-19	yes	6.41	on mkt buy	AUD	ORD	396	396
BlackRock Institutional Trust Company, National Association	12-Jun-19	yes	6.41	on mkt buy	AUD	ORD	395	395
BlackRock Institutional Trust Company, National Association	13-Jun-19	no	n/a	in specie	AUD	ORD	3,257	3,257
BlackRock Investment Management (Australia) Limited	14-Jun-19	yes	6.59	on mkt buy	AUD	ORD	18,813	18,813
BlackRock Investment Management (Australia) Limited	14-Jun-19	yes	6.60	on mkt buy	AUD	ORD	52,745	52,745
BlackRock Investment Management (Australia) Limited	14-Jun-19	yes	6.60	on mkt buy	AUD	ORD	7,202	7,202
BlackRock Investment Management (Australia) Limited	14-Jun-19	yes	6.60	on mkt buy	AUD	ORD	52,745	52,745
BlackRock Investment Management (Australia) Limited	14-Jun-19	yes	6.60	on mkt buy	AUD	ORD	22,530	22,530
BlackRock Investment Management (Australia) Limited	14-Jun-19	yes	6.60	on mkt buy	AUD	ORD	45,543	45,543
BlackRock Institutional Trust Company, National Association	18-Jun-19	yes	6.32	on mkt buy	AUD	ORD	42,849	42,849
BlackRock Institutional Trust Company, National Association	19-Jun-19	yes	6.63	on mkt buy	AUD	ORD	12,989	12,989
BlackRock Institutional Trust Company, National Association	19-Jun-19	yes	6.63	on mkt buy	AUD	ORD	3,631	3,631
BlackRock Institutional Trust Company, National Association	19-Jun-19	yes	6.63	on mkt buy	AUD	ORD	3,673	3,673
BlackRock Investment Management (Australia) Limited	19-Jun-19	yes	6.67	on mkt buy	AUD	ORD	1,288	1,288
BlackRock Institutional Trust Company, National Association	21-Jun-19	yes	7.00	on mkt buy	AUD	ORD	17,391	17,391
BlackRock Fund Advisors	21-Jun-19	no	n/a	in specie	AUD	ORD	2,496	2,496
BlackRock Fund Advisors	24-Jun-19	no	n/a	in specie	AUD	ORD	1,638	1,638
BlackRock Advisors (UK) Limited	25-Jun-19	yes	6.28	on mkt buy	AUD	ORD	194	194
BlackRock Investment Management (Australia) Limited	26-Jun-19	yes	6.58	on mkt buy	AUD	ORD	14,219	14,219
BlackRock Fund Advisors	28-Jun-19	no	n/a	in specie	AUD	ORD	1,014	1,014
BlackRock Advisors (UK) Limited	02-Jul-19	yes	6.91	on mkt buy	AUD	ORD	582	582
BlackRock Investment Management (Australia) Limited	02-Jul-19	yes	6.91	on mkt buy	AUD	ORD	8,188	8,188
BlackRock Investment Management (Australia) Limited	03-Jul-19	yes	6.89	on mkt buy	AUD	ORD	12,215	12,215
BlackRock Investment Management (Australia) Limited	03-Jul-19	yes	6.89	on mkt buy	AUD	ORD	34,492	34,492
BlackRock Investment Management (Australia) Limited	03-Jul-19	yes	6.89	on mkt buy	AUD	ORD	35,824	35,824
BlackRock Investment Management (Australia) Limited	10-Jul-19	yes	6.65	on mkt buy	AUD	ORD	34,818	34,818
BlackRock Investment Management (Australia) Limited	10-Jul-19	yes	6.65	on mkt buy	AUD	ORD	6,255	6,255
BlackRock Investment Management (Australia) Limited	10-Jul-19	yes	6.65	on mkt buy	AUD	ORD	22,202	22,202
BlackRock Investment Management (Australia) Limited	12-Jul-19	yes	6.55	on mkt buy	AUD	ORD	2,208	2,208
BlackRock Fund Advisors	16-Jul-19	no	n/a	in specie	AUD	ORD	2,418	2,418
BlackRock Investment Management (Australia) Limited	17-Jul-19	yes	6.71	on mkt buy	AUD	ORD	34,975	34,975
BlackRock Fund Advisors	19-Jul-19	no	n/a	in specie	AUD	ORD	924	924
BlackRock Advisors (UK) Limited	23-Jul-19	yes	6.95	on mkt buy	AUD	ORD	194	194

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	24-Jul-19	yes	6.70	on mkt buy	AUD	ORD 6,312	6,312
BlackRock Investment Management (Australia) Limited	24-Jul-19	yes	6.70	on mkt buy	AUD	ORD 35,017	35,017
BlackRock Investment Management (Australia) Limited	24-Jul-19	yes	6.67	on mkt buy	AUD	ORD 1,288	1,288
BlackRock Investment Management (Australia) Limited	31-Jul-19	yes	6.72	on mkt buy	AUD	ORD 10,468	10,468
BlackRock Investment Management (Australia) Limited	31-Jul-19	yes	6.72	on mkt buy	AUD	ORD 23,393	23,393
BlackRock Investment Management (Australia) Limited	31-Jul-19	yes	6.72	on mkt buy	AUD	ORD 10,011	10,011
BlackRock Investment Management (Australia) Limited	31-Jul-19	yes	6.72	on mkt buy	AUD	ORD 29,158	29,158
BlackRock Advisors (UK) Limited	01-Aug-19	yes	6.62	on mkt buy	AUD	ORD 194	194
BlackRock Advisors (UK) Limited	05-Aug-19	yes	6.14	on mkt buy	AUD	ORD 388	388
BlackRock Investment Management (Australia) Limited	06-Aug-19	yes	5.88	on mkt buy	AUD	ORD 1,288	1,288
BlackRock Investment Management (Australia) Limited	07-Aug-19	yes	5.80	on mkt buy	AUD	ORD 34,885	34,885
BlackRock Investment Management (Australia) Limited	07-Aug-19	yes	5.80	on mkt buy	AUD	ORD 23,215	23,215
BlackRock Investment Management (Australia) Limited	07-Aug-19	yes	5.80	on mkt buy	AUD	ORD 46,512	46,512

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

Maria Tricarico, Authorised Signatory	09-Aug-19
	Date

7. Addresses

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

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Financial Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock 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