

Form 603

Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme WORLEYPARSONS LTD

ACN/ARSN 096 090 158

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 27 / 12 / 2018

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	23,120,993	23,120,993	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 31 / 12 / 2018

* 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.

31-Dec-18

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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 15,888	15,888	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 42,634	42,634	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 432,430	432,430	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 23,967	23,967	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 256,178	256,178	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 65,484	65,484	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 692,270	692,270	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	STATE STREET BANK, MUNICH, ZURICH BRANCH		ORD 8,581	8,581	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 4,337	4,337	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 215,626	215,626	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.	RBC-ROYAL TRUST - TORONTO		ORD 2,510	2,510	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 2,348	2,348	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 179,339	179,339	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-BONY EUROPE - LONDON		ORD 19,498	19,498	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 Asset Management North Asia Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-BONY LUXEMBOURG		ORD 610,161	610,161	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 295,739	295,739	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	HSBC-HSBC, HONG KONG		ORD 2,028	2,028	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 9,283	9,283	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 22,583	22,583	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	HSBC-HSBC, HONG KONG		ORD 1,445	1,445	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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 43,091	43,091	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 53,955	53,955	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STATE HONG KONG		ORD 43,596	43,596	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK & TRUST TORONTO		ORD 2,605	2,605	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 57,544	57,544	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 4,181,696	4,181,696	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 243,428	243,428	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.	CS-CREDIT SUISSE PRIME BROKERAGE - ZURICH		ORD 1,517	1,517	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 4,190,485	4,190,485	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 107,360	107,360	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 4,260	4,260	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 9,796	9,796	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 300,795	300,795	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STATE HONG KONG		ORD 30,481	30,481	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 8,314	8,314	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 1,205	1,205	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 21,184	21,184	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 115,154	115,154	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 271,200	271,200	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 4,285,673	4,285,673	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 1,257,330	1,257,330	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 248,659	248,659	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 293,800	293,800	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 125,968	125,968	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 PARIBAS LON		ORD 17,159	17,159	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 PARIBAS LUX		ORD 1,931	1,931	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 138,376	138,376	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 226,822	226,822	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 955	955	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 182,637	182,637	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 231,671	231,671	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 12,008	12,008	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.	JPM-JPM CHASE - LONDON		ORD 4,507	4,507	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 26,398	26,398	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 25,751	25,751	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 911,815	911,815	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 13,982	13,982	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-SSB NEW YORK INSTITUTIONAL		ORD 284,580	284,580	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 14,705	14,705	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 82,077	82,077	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK, GERMANY		ORD 21,754	21,754	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 330,441	330,441	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 164,134	164,134	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 200,457	200,457	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-JPM CHASE - LONDON		ORD 2,745	2,745	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-SSB NEW YORK INSTITUTIONAL		ORD 290	290	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK LUXEMBOURG		ORD 5,539	5,539	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.	UNION BANK		ORD 2,782	2,782	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 9,812	9,812	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 6,158	6,158	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 217,230	217,230	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Japan Co., Ltd.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JPM CHASE - LONDON		ORD 13,328	13,328	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.	MITSUI-SUMITOMO TRUST		ORD 7,111	7,111	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 4,730	4,730	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 136,945	136,945	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 185,618	185,618	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 11,554	11,554	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 110,049	110,049	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 713,517	713,517	subsidiary of BlackRock Inc.

This is Annexure B of 14 pages referred to in form 603 Notice of initial substantial shareholder

31-Dec-18

Maria Tricarico,
Authorised Signatory

Date

5. Consideration

WORLEYPARSONS LTD (WOR)									
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	28-Aug-18	yes	20.14	on mkt buy	AUD	ORD	10,905		10,905
BlackRock Investment Management (Australia) Limited	29-Aug-18	yes	20.38	on mkt buy	AUD	ORD	11,489		11,489
BlackRock Asset Management North Asia Limited	31-Aug-18	yes	20.54	on mkt buy	AUD	ORD	54,646		54,646
BlackRock Investment Management (UK) Limited	31-Aug-18	yes	20.54	on mkt buy	AUD	ORD	55,809		55,809
BlackRock Investment Management (UK) Limited	03-Sep-18	yes	20.56	on mkt buy	AUD	ORD	32,561		32,561
BlackRock Asset Management North Asia Limited	03-Sep-18	yes	20.52	on mkt buy	AUD	ORD	9,059		9,059
BlackRock Investment Management (UK) Limited	03-Sep-18	yes	20.52	on mkt buy	AUD	ORD	9,251		9,251
BlackRock Asset Management North Asia Limited	03-Sep-18	yes	20.56	on mkt buy	AUD	ORD	12,810		12,810
BlackRock Asset Management North Asia Limited	03-Sep-18	yes	20.65	on mkt buy	AUD	ORD	128,198		128,198
BlackRock Investment Management (UK) Limited	03-Sep-18	yes	20.65	on mkt buy	AUD	ORD	130,927		130,927
BlackRock Asset Management North Asia Limited	03-Sep-18	yes	20.56	on mkt buy	AUD	ORD	114,654		114,654
BlackRock Investment Management (UK) Limited	03-Sep-18	yes	20.56	on mkt buy	AUD	ORD	117,094		117,094
BlackRock Asset Management North Asia Limited	04-Sep-18	yes	20.48	on mkt buy	AUD	ORD	49,475		49,475
BlackRock Investment Management (UK) Limited	04-Sep-18	yes	20.48	on mkt buy	AUD	ORD	50,525		50,525
BlackRock Investment Management (Australia) Limited	04-Sep-18	yes	20.48	on mkt buy	AUD	ORD	23,303		23,303
BlackRock Asset Management North Asia Limited	04-Sep-18	yes	20.47	on mkt buy	AUD	ORD	100,223		100,223
BlackRock Fund Advisors	05-Sep-18	no	n/a	in specie	AUD	ORD	1,675		1,675
BlackRock Asset Management North Asia Limited	05-Sep-18	yes	20.53	on mkt buy	AUD	ORD	8,218		8,218
BlackRock Fund Advisors	06-Sep-18	no	n/a	in specie	AUD	ORD	480		480
BlackRock Investment Management (UK) Limited	06-Sep-18	yes	19.91	on mkt buy	AUD	ORD	62,324		62,324
BlackRock Investment Management (UK) Limited	06-Sep-18	yes	19.91	on mkt buy	AUD	ORD	50,113		50,113
BlackRock Investment Management (UK) Limited	06-Sep-18	yes	19.91	on mkt buy	AUD	ORD	47,148		47,148
BlackRock Asset Management North Asia Limited	06-Sep-18	yes	19.90	on mkt buy	AUD	ORD	43,857		43,857
BlackRock Fund Advisors	07-Sep-18	no	n/a	in specie	AUD	ORD	670		670
BlackRock Fund Advisors	07-Sep-18	no	n/a	in specie	AUD	ORD	3,784		3,784
BlackRock Fund Advisors	07-Sep-18	no	n/a	in specie	AUD	ORD	2,924		2,924
BlackRock Asset Management North Asia Limited	07-Sep-18	yes	19.47	on mkt buy	AUD	ORD	10,185		10,185
BlackRock Fund Advisors	10-Sep-18	no	n/a	in specie	AUD	ORD	804		804
BlackRock Investment Management (Australia) Limited	10-Sep-18	yes	19.60	on mkt buy	AUD	ORD	916		916
BlackRock Investment Management (Australia) Limited	12-Sep-18	yes	20.96	on mkt buy	AUD	ORD	27,008		27,008
BlackRock Institutional Trust Company, National Association	12-Sep-18	yes	20.99	on mkt buy	AUD	ORD	961		961
BlackRock Investment Management (UK) Limited	13-Sep-18	yes	20.62	on mkt buy	AUD	ORD	1,063		1,063
BlackRock Asset Management North Asia Limited	13-Sep-18	yes	20.62	on mkt buy	AUD	ORD	350		350
BlackRock Investment Management (UK) Limited	14-Sep-18	no	n/a	in specie	AUD	ORD	1,001		1,001

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			Cash	Non-cash	CCY		
BlackRock Investment Management (UK) Limited	14-Sep-18	no	n/a	in specie	AUD	ORD 1,765	1,765
BlackRock Investment Management (UK) Limited	14-Sep-18	yes	20.51	on mkt buy	AUD	ORD 1,084	1,084
BlackRock Investment Management (UK) Limited	14-Sep-18	yes	20.51	on mkt buy	AUD	ORD 891	891
BlackRock Investment Management (UK) Limited	14-Sep-18	yes	20.51	on mkt buy	AUD	ORD 833	833
BlackRock Investment Management (Australia) Limited	19-Sep-18	yes	20.11	on mkt buy	AUD	ORD 27,320	27,320
BlackRock Investment Management (Australia) Limited	20-Sep-18	yes	20.01	on mkt buy	AUD	ORD 66,880	66,880
BlackRock Advisors (UK) Limited	21-Sep-18	yes	19.65	on mkt buy	AUD	ORD 288	288
BlackRock Investment Management (UK) Limited	24-Sep-18	yes	19.64	on mkt buy	AUD	ORD 9,967	9,967
BlackRock Investment Management (Australia) Limited	25-Sep-18	yes	19.76	on mkt buy	AUD	ORD 1,245	1,245
BlackRock Fund Advisors	26-Sep-18	no	n/a	in specie	AUD	ORD 688	688
BlackRock Investment Management (Australia) Limited	26-Sep-18	yes	20.27	on mkt buy	AUD	ORD 27,592	27,592
BlackRock Investment Management (Australia) Limited	26-Sep-18	yes	20.27	on mkt buy	AUD	ORD 1,477	1,477
BlackRock Advisors (UK) Limited	26-Sep-18	yes	20.27	on mkt buy	AUD	ORD 576	576
BlackRock (Netherlands) B.V.	26-Sep-18	yes	20.27	on mkt buy	AUD	ORD 551	551
BlackRock Fund Advisors	27-Sep-18	no	n/a	in specie	AUD	ORD 603	603
BlackRock Fund Advisors	28-Sep-18	no	n/a	in specie	AUD	ORD 6,364	6,364
BlackRock Fund Advisors	28-Sep-18	no	n/a	in specie	AUD	ORD 2,580	2,580
BlackRock Advisors (UK) Limited	01-Oct-18	yes	20.29	on mkt buy	AUD	ORD 288	288
BlackRock Investment Management (Australia) Limited	02-Oct-18	yes	20.07	on mkt buy	AUD	ORD 14,724	14,724
BlackRock Investment Management (Australia) Limited	03-Oct-18	yes	20.21	on mkt buy	AUD	ORD 26,555	26,555
BlackRock Asset Management North Asia Limited	04-Oct-18	yes	20.64	on mkt buy	AUD	ORD 2,267	2,267
BlackRock Investment Management (UK) Limited	04-Oct-18	yes	20.37	on mkt buy	AUD	ORD 14,600	14,600
BlackRock Fund Advisors	05-Oct-18	no	n/a	in specie	AUD	ORD 4,472	4,472
BlackRock Asset Management North Asia Limited	05-Oct-18	yes	20.51	on mkt buy	AUD	ORD 1,047	1,047
BlackRock Investment Management (Australia) Limited	05-Oct-18	yes	20.41	on mkt buy	AUD	ORD 1,266	1,266
BlackRock Investment Management (Australia) Limited	05-Oct-18	yes	20.41	on mkt buy	AUD	ORD 1,503	1,503
BlackRock Fund Advisors	09-Oct-18	no	n/a	in specie	AUD	ORD 4,757	4,757
BlackRock Investment Management (Australia) Limited	09-Oct-18	yes	19.86	on mkt buy	AUD	ORD 4,690	4,690
BlackRock Asset Management North Asia Limited	09-Oct-18	yes	19.88	on mkt buy	AUD	ORD 3,975	3,975
BlackRock Investment Management (UK) Limited	09-Oct-18	yes	19.88	on mkt buy	AUD	ORD 1,578	1,578
BlackRock Investment Management (UK) Limited	09-Oct-18	yes	19.88	on mkt buy	AUD	ORD 1,267	1,267
BlackRock Investment Management (UK) Limited	09-Oct-18	yes	19.88	on mkt buy	AUD	ORD 1,188	1,188
BlackRock Advisors (UK) Limited	09-Oct-18	yes	19.85	on mkt buy	AUD	ORD 288	288
BlackRock Fund Advisors	11-Oct-18	no	n/a	in specie	AUD	ORD 6,700	6,700
BlackRock Investment Management (UK) Limited	11-Oct-18	yes	19.06	on mkt buy	AUD	ORD 1,153	1,153
BlackRock Investment Management (UK) Limited	11-Oct-18	yes	19.06	on mkt buy	AUD	ORD 921	921
BlackRock Investment Management (UK) Limited	11-Oct-18	yes	19.06	on mkt buy	AUD	ORD 865	865
BlackRock Advisors (UK) Limited	11-Oct-18	yes	18.85	on mkt buy	AUD	ORD 4,320	4,320
BlackRock Investment Management (UK) Limited	12-Oct-18	no	n/a	in specie	AUD	ORD 556	556
BlackRock Investment Management (UK) Limited	12-Oct-18	no	n/a	in specie	AUD	ORD 5,993	5,993
BlackRock Investment Management (Australia) Limited	12-Oct-18	yes	18.61	on mkt buy	AUD	ORD 8,406	8,406
BlackRock Investment Management (Australia) Limited	15-Oct-18	yes	18.27	on mkt buy	AUD	ORD 1,470	1,470
BlackRock Fund Advisors	16-Oct-18	no	n/a	in specie	AUD	ORD 6,030	6,030
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	18.28	on mkt buy	AUD	ORD 428	428
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	18.28	on mkt buy	AUD	ORD 579	579

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BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	18.42	on mkt buy	AUD	ORD 4,571	4,571
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	18.42	on mkt buy	AUD	ORD 6,184	6,184
BlackRock Advisors (UK) Limited	17-Oct-18	yes	18.44	on mkt buy	AUD	ORD 576	576
BlackRock Investment Management (UK) Limited	18-Oct-18	no	n/a	in specie	AUD	ORD 491	491
BlackRock Investment Management (UK) Limited	18-Oct-18	no	n/a	in specie	AUD	ORD 1,377	1,377
BlackRock Investment Management (Australia) Limited	18-Oct-18	yes	18.40	on mkt buy	AUD	ORD 917	917
BlackRock Asset Management Canada Limited	24-Oct-18	yes	15.86	on mkt buy	AUD	ORD 5,108	5,108
BlackRock Institutional Trust Company, National Association	24-Oct-18	yes	15.86	on mkt buy	AUD	ORD 95,277	95,277
BlackRock Investment Management, LLC	24-Oct-18	yes	15.88	on mkt buy	AUD	ORD 28,648	28,648
BlackRock Investment Management (UK) Limited	24-Oct-18	yes	15.86	on mkt buy	AUD	ORD 46,103	46,103
BlackRock Investment Management (UK) Limited	24-Oct-18	yes	15.86	on mkt buy	AUD	ORD 632,959	632,959
BlackRock Investment Management (UK) Limited	24-Oct-18	yes	15.86	on mkt buy	AUD	ORD 99,621	99,621
BlackRock Institutional Trust Company, National Association	24-Oct-18	yes	15.86	on mkt buy	AUD	ORD 35,680	35,680
BlackRock Investment Management (Australia) Limited	24-Oct-18	yes	15.86	on mkt buy	AUD	ORD 27,643	27,643
BlackRock Advisors (UK) Limited	24-Oct-18	yes	15.81	on mkt buy	AUD	ORD 576	576
BlackRock Investment Management (Australia) Limited	24-Oct-18	yes	15.81	on mkt buy	AUD	ORD 3,436	3,436
BlackRock Investment Management (UK) Limited	25-Oct-18	yes	15.50	on mkt buy	AUD	ORD 3,994	3,994
BlackRock Institutional Trust Company, National Association	26-Oct-18	yes	14.34	on mkt buy	AUD	ORD 1,966	1,966
BlackRock Financial Management, Inc.	26-Oct-18	yes	14.34	on mkt buy	AUD	ORD 964	964
BlackRock Institutional Trust Company, National Association	26-Oct-18	yes	14.34	on mkt buy	AUD	ORD 1,559	1,559
BlackRock Advisors (UK) Limited	26-Oct-18	yes	14.34	on mkt buy	AUD	ORD 6,603	6,603
BlackRock Advisors (UK) Limited	26-Oct-18	yes	14.34	on mkt buy	AUD	ORD 5,765	5,765
BlackRock International Limited	26-Oct-18	yes	14.73	on mkt buy	AUD	ORD 26	26
BlackRock Financial Management, Inc.	26-Oct-18	yes	14.36	on mkt buy	AUD	ORD 1,445	1,445
BlackRock International Limited	26-Oct-18	yes	14.36	on mkt buy	AUD	ORD 3,889	3,889
BlackRock Investment Management (Australia) Limited	26-Oct-18	yes	14.24	on mkt buy	AUD	ORD 10,846	10,846
BlackRock Investment Management, LLC	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 6,275	6,275
BlackRock Investment Management (UK) Limited	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 1,187	1,187
BlackRock Institutional Trust Company, National Association	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 1,926	1,926
BlackRock Institutional Trust Company, National Association	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 677	677
BlackRock Japan Co., Ltd.	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 7,555	7,555
BlackRock Japan Co., Ltd.	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 2,849	2,849
BlackRock Japan Co., Ltd.	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 2,456	2,456
BlackRock Japan Co., Ltd.	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 2,206	2,206
BlackRock Investment Management, LLC	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 2,745	2,745
BlackRock International Limited	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 4,556	4,556
BlackRock Investment Management (UK) Limited	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 3,152	3,152
BlackRock Institutional Trust Company, National Association	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 36,797	36,797
BlackRock Institutional Trust Company, National Association	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 2,589	2,589
BlackRock Advisors (UK) Limited	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 5,102	5,102
BlackRock Advisors (UK) Limited	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 4,023	4,023
BlackRock Institutional Trust Company, National Association	29-Oct-18	yes	14.21	on mkt buy	AUD	ORD 1,928	1,928
BlackRock Investment Management (UK) Limited	30-Oct-18	yes	14.54	on mkt buy	AUD	ORD 4,723	4,723
BlackRock Investment Management (Australia) Limited	30-Oct-18	yes	14.53	on mkt buy	AUD	ORD 8,694	8,694
BlackRock Advisors (UK) Limited	31-Oct-18	yes	14.50	on mkt buy	AUD	ORD 1,306	1,306
BlackRock Financial Management, Inc.	31-Oct-18	yes	14.50	on mkt buy	AUD	ORD 6,182	6,182
BlackRock Financial Management, Inc.	31-Oct-18	yes	14.50	on mkt buy	AUD	ORD 2,866	2,866
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	14.50	on mkt buy	AUD	ORD 5,212	5,212

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BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	14.46	on mkt buy	AUD	ORD 13,560	13,560
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	14.46	on mkt buy	AUD	ORD 34,838	34,838
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	14.59	on mkt buy	AUD	ORD 27,993	27,993
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	14.59	on mkt buy	AUD	ORD 38,844	38,844
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	14.59	on mkt buy	AUD	ORD 9,918	9,918
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 1,704,082	1,704,082
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 8,160	8,160
BlackRock Advisors (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 11,744	11,744
BlackRock Asset Management North Asia Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 821	821
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD 3,868	3,868
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 107,096	107,096
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 91,837	91,837
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 10,652	10,652
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 166,390	166,390
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 34,037	34,037
BlackRock Advisors (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 9,336	9,336
BlackRock Advisors (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 169,402	169,402
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD 5,036	5,036
BlackRock Asset Management North Asia Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 113,237	113,237
BlackRock Financial Management, Inc.	31-Oct-18	yes	15.56	entitlement	AUD	ORD 4,776	4,776
BlackRock Fund Advisors	31-Oct-18	yes	15.56	entitlement	AUD	ORD 11,485	11,485
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 3,400	3,400
BlackRock Fund Advisors	31-Oct-18	yes	15.56	entitlement	AUD	ORD 551,041	551,041
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD 6,626	6,626
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 51,582	51,582
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 63,501	63,501
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 44,264	44,264
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD 917	917
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 15,209	15,209
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 906	906
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD 3,966	3,966
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 91,236	91,236
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 36,185	36,185
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 53,554	53,554
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD 4,812	4,812
BlackRock Fund Advisors	31-Oct-18	yes	15.56	entitlement	AUD	ORD 95,572	95,572
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 22,198	22,198
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD 11,126	11,126
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 4,601	4,601
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 41,578	41,578
BlackRock Fund Advisors	31-Oct-18	yes	15.56	entitlement	AUD	ORD 568,780	568,780
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD 2,113	2,113

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BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	277,196	277,196
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	83,502	83,502
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD	488	488
BlackRock Asset Management North Asia Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	11,207	11,207
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD	133,271	133,271
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD	3,065	3,065
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	32,806	32,806
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD	3,366	3,366
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD	466	466
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	22,703	22,703
BlackRock Asset Management Canada Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	10,762	10,762
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD	2,730	2,730
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD	8,339	8,339
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD	42,573	42,573
BlackRock Asset Management Canada Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	2,593	2,593
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	16,209	16,209
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	77,914	77,914
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	11,237	11,237
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	46,948	46,948
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	254,131	254,131
BlackRock Asset Management North Asia Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	114	114
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	109,652	109,652
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	57,267	57,267
BlackRock Fund Advisors	31-Oct-18	yes	15.56	entitlement	AUD	ORD	23,297	23,297
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD	59,782	59,782
BlackRock (Netherlands) B.V.	31-Oct-18	yes	15.56	entitlement	AUD	ORD	17,261	17,261
BlackRock Advisors (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	19,139	19,139
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD	466,352	466,352
BlackRock Investment Management, LLC	31-Oct-18	yes	15.56	entitlement	AUD	ORD	9,716	9,716
BlackRock Institutional Trust Company, National Association	31-Oct-18	yes	15.56	entitlement	AUD	ORD	71,640	71,640
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	50,809	50,809
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	13,797	13,797
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	65,004	65,004
BlackRock Investment Management (UK) Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	44,993	44,993
BlackRock Asset Management North Asia Limited	31-Oct-18	yes	15.56	entitlement	AUD	ORD	242,197	242,197
BlackRock Investment Management (Australia) Limited	01-Nov-18	yes	14.31	on mkt buy	AUD	ORD	15,704	15,704
BlackRock Investment Management (Australia) Limited	01-Nov-18	yes	14.31	on mkt buy	AUD	ORD	31,411	31,411
BlackRock Institutional Trust Company, National Association	01-Nov-18	yes	14.29	on mkt buy	AUD	ORD	895	895
BlackRock Investment Management (Australia) Limited	02-Nov-18	yes	14.35	on mkt buy	AUD	ORD	3,632	3,632
BlackRock Investment Management (Australia) Limited	02-Nov-18	yes	14.35	on mkt buy	AUD	ORD	107,583	107,583

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BlackRock Investment Management (Australia) Limited	02-Nov-18	yes	14.35	on mkt buy	AUD	ORD 7,319	7,319
BlackRock Investment Management (Australia) Limited	02-Nov-18	yes	14.22	on mkt buy	AUD	ORD 1,211	1,211
BlackRock Investment Management (Australia) Limited	02-Nov-18	yes	14.22	on mkt buy	AUD	ORD 35,861	35,861
BlackRock Investment Management (Australia) Limited	02-Nov-18	yes	14.22	on mkt buy	AUD	ORD 2,440	2,440
BlackRock Investment Management (Australia) Limited	02-Nov-18	yes	14.22	on mkt buy	AUD	ORD 3,177	3,177
BlackRock Investment Management (Australia) Limited	05-Nov-18	yes	14.19	on mkt buy	AUD	ORD 143,898	143,898
BlackRock Investment Management (Australia) Limited	05-Nov-18	yes	14.19	on mkt buy	AUD	ORD 9,775	9,775
BlackRock Investment Management (Australia) Limited	05-Nov-18	yes	14.19	on mkt buy	AUD	ORD 4,885	4,885
BlackRock Investment Management (UK) Limited	06-Nov-18	yes	14.10	on mkt buy	AUD	ORD 515	515
BlackRock Japan Co., Ltd.	06-Nov-18	yes	14.10	on mkt buy	AUD	ORD 1,412	1,412
BlackRock Japan Co., Ltd.	06-Nov-18	yes	14.10	on mkt buy	AUD	ORD 1,479	1,479
BlackRock Investment Management, LLC	06-Nov-18	yes	14.10	on mkt buy	AUD	ORD 3,739	3,739
BlackRock Investment Management (UK) Limited	06-Nov-18	yes	14.10	on mkt buy	AUD	ORD 2,579	2,579
BlackRock Investment Management (UK) Limited	06-Nov-18	yes	14.10	on mkt buy	AUD	ORD 3,992	3,992
BlackRock Investment Management (Australia) Limited	07-Nov-18	yes	15.02	on mkt buy	AUD	ORD 4,930	4,930
BlackRock Investment Management (Australia) Limited	07-Nov-18	yes	15.02	on mkt buy	AUD	ORD 143,987	143,987
BlackRock Investment Management (Australia) Limited	07-Nov-18	yes	15.02	on mkt buy	AUD	ORD 9,890	9,890
BlackRock Investment Management (Australia) Limited	07-Nov-18	yes	15.46	on mkt buy	AUD	ORD 15,880	15,880
BlackRock Investment Management (Australia) Limited	07-Nov-18	yes	15.46	on mkt buy	AUD	ORD 34,145	34,145
BlackRock Investment Management (Australia) Limited	07-Nov-18	yes	15.50	on mkt buy	AUD	ORD 1,357	1,357
BlackRock Investment Management (Australia) Limited	07-Nov-18	yes	15.50	on mkt buy	AUD	ORD 40,027	40,027
BlackRock Investment Management (Australia) Limited	07-Nov-18	yes	15.50	on mkt buy	AUD	ORD 2,749	2,749
BlackRock Investment Management (Australia) Limited	08-Nov-18	yes	15.30	on mkt buy	AUD	ORD 6,782	6,782
BlackRock Investment Management (Australia) Limited	08-Nov-18	yes	15.30	on mkt buy	AUD	ORD 200,016	200,016
BlackRock Investment Management (Australia) Limited	08-Nov-18	yes	15.30	on mkt buy	AUD	ORD 13,734	13,734
BlackRock Institutional Trust Company, National Association	09-Nov-18	yes	15.10	on mkt buy	AUD	ORD 66,170	66,170
BlackRock Investment Management (UK) Limited	09-Nov-18	yes	15.10	on mkt buy	AUD	ORD 33,165	33,165
BlackRock Investment Management (UK) Limited	09-Nov-18	yes	15.10	on mkt buy	AUD	ORD 354,858	354,858
BlackRock Investment Management (UK) Limited	09-Nov-18	yes	15.10	on mkt buy	AUD	ORD 71,089	71,089
BlackRock Institutional Trust Company, National Association	09-Nov-18	yes	15.10	on mkt buy	AUD	ORD 29,393	29,393
BlackRock Investment Management (Australia) Limited	09-Nov-18	yes	15.22	on mkt buy	AUD	ORD 34,212	34,212
BlackRock Investment Management, LLC	12-Nov-18	yes	15.21	on mkt buy	AUD	ORD 1,212	1,212
BlackRock Institutional Trust Company, National Association	13-Nov-18	no	n/a	in specie	AUD	ORD 13,863	13,863
BlackRock Investment Management (UK) Limited	14-Nov-18	no	n/a	in specie	AUD	ORD 1,199	1,199
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	14.13	on mkt buy	AUD	ORD 14,038	14,038
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	14.13	on mkt buy	AUD	ORD 47,226	47,226
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	14.13	on mkt buy	AUD	ORD 9,065	9,065
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	14.13	on mkt buy	AUD	ORD 50,739	50,739
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	14.13	on mkt buy	AUD	ORD 34,881	34,881
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	14.13	on mkt buy	AUD	ORD 28,660	28,660

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BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	14.13	on mkt buy	AUD	ORD 57,320	57,320
BlackRock Advisors (UK) Limited	14-Nov-18	yes	14.18	on mkt buy	AUD	ORD 477	477
BlackRock Investment Management (UK) Limited	14-Nov-18	yes	14.18	on mkt buy	AUD	ORD 3,256	3,256
BlackRock Financial Management, Inc.	15-Nov-18	yes	14.67	on mkt buy	AUD	ORD 26,578	26,578
BlackRock Financial Management, Inc.	15-Nov-18	yes	14.67	on mkt buy	AUD	ORD 7,970	7,970
BlackRock Institutional Trust Company, National Association	15-Nov-18	yes	14.67	on mkt buy	AUD	ORD 2,409	2,409
BlackRock Institutional Trust Company, National Association	15-Nov-18	yes	14.67	on mkt buy	AUD	ORD 23,712	23,712
BlackRock Institutional Trust Company, National Association	15-Nov-18	yes	14.67	on mkt buy	AUD	ORD 36,875	36,875
BlackRock International Limited	15-Nov-18	yes	14.65	on mkt buy	AUD	ORD 2,753	2,753
BlackRock Institutional Trust Company, National Association	15-Nov-18	yes	14.67	on mkt buy	AUD	ORD 91	91
BlackRock Japan Co., Ltd.	15-Nov-18	yes	14.58	on mkt buy	AUD	ORD 55,061	55,061
BlackRock Investment Management (Australia) Limited	15-Nov-18	yes	14.79	on mkt buy	AUD	ORD 3,177	3,177
BlackRock Advisors (UK) Limited	19-Nov-18	yes	15.01	on mkt buy	AUD	ORD 477	477
BlackRock Fund Advisors	19-Nov-18	yes	15.01	on mkt buy	AUD	ORD 2,899	2,899
BlackRock Institutional Trust Company, National Association	20-Nov-18	yes	14.50	on mkt buy	AUD	ORD 343	343
BlackRock Advisors (UK) Limited	20-Nov-18	yes	14.50	on mkt buy	AUD	ORD 5,047	5,047
BlackRock Investment Management, LLC	20-Nov-18	yes	14.50	on mkt buy	AUD	ORD 2,769	2,769
BlackRock Investment Management, LLC	20-Nov-18	yes	14.50	on mkt buy	AUD	ORD 247	247
BlackRock Investment Management (Australia) Limited	21-Nov-18	yes	13.49	on mkt buy	AUD	ORD 12,140	12,140
BlackRock Investment Management (Australia) Limited	21-Nov-18	yes	13.49	on mkt buy	AUD	ORD 9,460	9,460
BlackRock Investment Management (Australia) Limited	21-Nov-18	yes	13.49	on mkt buy	AUD	ORD 27,314	27,314
BlackRock Asset Management Canada Limited	22-Nov-18	yes	13.52	on mkt buy	AUD	ORD 667	667
BlackRock Institutional Trust Company, National Association	22-Nov-18	yes	13.52	on mkt buy	AUD	ORD 24,694	24,694
BlackRock Investment Management (UK) Limited	22-Nov-18	yes	13.52	on mkt buy	AUD	ORD 11,832	11,832
BlackRock Investment Management (UK) Limited	22-Nov-18	yes	13.52	on mkt buy	AUD	ORD 162,742	162,742
BlackRock Investment Management (UK) Limited	22-Nov-18	yes	13.52	on mkt buy	AUD	ORD 23,967	23,967
BlackRock Institutional Trust Company, National Association	22-Nov-18	yes	13.52	on mkt buy	AUD	ORD 9,064	9,064
BlackRock Japan Co., Ltd.	27-Nov-18	yes	13.10	on mkt buy	AUD	ORD 1,075	1,075
BlackRock Japan Co., Ltd.	27-Nov-18	yes	13.10	on mkt buy	AUD	ORD 2,163	2,163
BlackRock Japan Co., Ltd.	27-Nov-18	yes	13.10	on mkt buy	AUD	ORD 1,867	1,867
BlackRock Japan Co., Ltd.	27-Nov-18	yes	13.10	on mkt buy	AUD	ORD 2,353	2,353
BlackRock Japan Co., Ltd.	27-Nov-18	yes	13.10	on mkt buy	AUD	ORD 467	467
BlackRock Institutional Trust Company, National Association	27-Nov-18	yes	13.10	on mkt buy	AUD	ORD 4,038	4,038
BlackRock Institutional Trust Company, National Association	27-Nov-18	yes	13.10	on mkt buy	AUD	ORD 231	231
BlackRock Investment Management, LLC	27-Nov-18	yes	13.10	on mkt buy	AUD	ORD 46	46
BlackRock International Limited	27-Nov-18	yes	13.10	on mkt buy	AUD	ORD 1,135	1,135
BlackRock Japan Co., Ltd.	27-Nov-18	yes	13.09	on mkt buy	AUD	ORD 1,687	1,687
BlackRock Investment Management, LLC	27-Nov-18	yes	13.10	on mkt buy	AUD	ORD 43	43
BlackRock Investment Management, LLC	27-Nov-18	yes	13.08	on mkt buy	AUD	ORD 13	13
BlackRock Investment Management (Australia) Limited	27-Nov-18	yes	13.11	on mkt buy	AUD	ORD 3,530	3,530
BlackRock Fund Advisors	27-Nov-18	yes	13.11	on mkt buy	AUD	ORD 5,395	5,395
BlackRock Investment Management (Australia) Limited	28-Nov-18	yes	13.08	on mkt buy	AUD	ORD 2,931	2,931
BlackRock Investment Management (Australia) Limited	28-Nov-18	yes	13.08	on mkt buy	AUD	ORD 21,348	21,348
BlackRock Investment Management (Australia) Limited	28-Nov-18	yes	13.08	on mkt buy	AUD	ORD 10,134	10,134
BlackRock Investment Management (Australia) Limited	28-Nov-18	yes	13.08	on mkt buy	AUD	ORD 24,947	24,947
BlackRock Asset Management North Asia Limited	30-Nov-18	yes	13.49	on mkt buy	AUD	ORD 10,141	10,141
BlackRock Asset Management North Asia Limited	30-Nov-18	yes	13.36	on mkt buy	AUD	ORD 764	764
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 8,278	8,278

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BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 4,180	4,180
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 18,133	18,133
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 17,848	17,848
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 77,395	77,395
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 76,578	76,578
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 17,658	17,658
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 11,850	11,850
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 51,381	51,381
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,120	2,120
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 9,202	9,202
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 4,617	4,617
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,062	1,062
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 9,055	9,055
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 39,262	39,262
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,515	1,515
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 6,572	6,572
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 112	112
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 491	491
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 585	585
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,543	2,543
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 57,420	57,420
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 13,241	13,241
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 4,990	4,990
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 21,642	21,642
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 3,845	3,845
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 885	885
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 75	75
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 333	333
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,607	1,607
BlackRock Advisors, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 6,974	6,974
BlackRock Advisors, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 612	612
BlackRock Advisors, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,667	2,667
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 15,816	15,816
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 68,587	68,587
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 77,723	77,723
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 17,923	17,923
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 3,606	3,606
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 830	830
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 3,395	3,395
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 14,726	14,726
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 386	386
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,681	1,681
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,425	2,425
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 10,521	10,521
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 43,282	43,282
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 9,981	9,981
BlackRock Asset Management Canada Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 23,420	23,420
BlackRock Asset Management Canada Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 101,558	101,558
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 88,521	88,521

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BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 383,868	383,868
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 60,236	60,236
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 261,212	261,212
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 28,340	28,340
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 122,900	122,900
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,882	1,882
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 8,175	8,175
BlackRock International Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 21,578	21,578
BlackRock International Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 93,576	93,576
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,005	2,005
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 8,696	8,696
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 7,256	7,256
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 31,470	31,470
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 4,825	4,825
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 20,926	20,926
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 39,956	39,956
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 9,215	9,215
BlackRock Asset Management Canada Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 440	440
BlackRock Asset Management Canada Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,908	1,908
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,600	1,600
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 6,950	6,950
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 4,896	4,896
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 21,240	21,240
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 370	370
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,612	1,612
BlackRock (Netherlands) B.V.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,975	2,975
BlackRock (Netherlands) B.V.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 12,913	12,913
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 380	380
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,654	1,654
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 5,087	5,087
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 22,073	22,073
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 3,120	3,120
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 13,541	13,541
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 3,462	3,462
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 15,024	15,024
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 272	272
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,188	1,188
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 10,455	10,455
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 45,341	45,341
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 7,137	7,137
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 30,962	30,962
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,191	2,191
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 505	505
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 142,784	142,784
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 619,174	619,174
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 19,477	19,477
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 84,460	84,460
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 590	590
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 135	135
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 210,952	210,952
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 48,643	48,643
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 191,627	191,627
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 44,188	44,188
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 16,740	16,740
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 72,592	72,592
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 7,915	7,915

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BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 34,318	34,318
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 19,088	19,088
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 82,776	82,776
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 838	838
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 3,643	3,643
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 5,450	5,450
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 23,638	23,638
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 6,762	6,762
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 29,330	29,330
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 3,152	3,152
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 13,681	13,681
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 7,725	7,725
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 33,493	33,493
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 4,007	4,007
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 922	922
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 498	498
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 115	115
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 7,182	7,182
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 31,151	31,151
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,625	2,625
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 605	605
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 11,632	11,632
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,680	2,680
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 8,592	8,592
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,980	1,980
BlackRock Advisors, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 30,308	30,308
BlackRock Advisors, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 131,432	131,432
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,152	1,152
BlackRock Japan Co., Ltd.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 5,006	5,006
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 99,121	99,121
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 429,843	429,843
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 121,812	121,812
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 28,090	28,090
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,565	1,565
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 6,798	6,798
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 50,496	50,496
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 11,645	11,645
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 5,967	5,967
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 25,885	25,885
BlackRock Asset Management Canada Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 277	277
BlackRock Asset Management Canada Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,214	1,214
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 7,307	7,307
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 31,684	31,684
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 13,703	13,703
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 59,422	59,422
BlackRock International Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,745	1,745
BlackRock International Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 7,579	7,579
BlackRock Asset Management Canada Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 190	190
BlackRock Asset Management Canada Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 829	829
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 936	936
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 215	215
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,737	1,737
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 7,546	7,546

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, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 7,975	7,975
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,837	1,837
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,030	1,030
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 4,471	4,471
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,707	2,707
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 11,751	11,751
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,700	1,700
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 7,379	7,379
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 672	672
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,918	2,918
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 203,029	203,029
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 46,815	46,815
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 507,875	507,875
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 117,118	117,118
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 641	641
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,787	2,787
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 207,841	207,841
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 47,925	47,925
BlackRock Asset Management Canada Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,937	1,937
BlackRock Asset Management Canada Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 8,414	8,414
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 3,685	3,685
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,342	1,342
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 8,400	8,400
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 34,560	34,560
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 306,514	306,514
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 208,574	208,574
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 98,134	98,134
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 6,525	6,525
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 6,944	6,944
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 5,548	5,548
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,319	1,319
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 17,623	17,623
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 11,995	11,995
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 494,404	494,404
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 67,440	67,440
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 471	471
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 168,441	168,441
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,096	2,096
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 343,223	343,223
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 97,263	97,263
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 40,321	40,321
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 25,299	25,299
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 47,448	47,448
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,330	2,330
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 405,533	405,533

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 Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,225	2,225
BlackRock Fund Advisors	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 165,957	165,957
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 30,725	30,725
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 20,398	20,398
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 3,653	3,653
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 15,586	15,586
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,609	2,609
BlackRock Advisors, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,058	1,058
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 27,228	27,228
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 30,854	30,854
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 5,846	5,846
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 8,431	8,431
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 639	639
BlackRock Investment Management, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 5,375	5,375
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 471	471
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 17,999	17,999
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 12,290	12,290
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 870	870
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 76,071	76,071
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 28,818	28,818
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 13,624	13,624
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 32,860	32,860
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,446	1,446
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 9,383	9,383
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 11,641	11,641
BlackRock Advisors (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 12,366	12,366
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 4,617	4,617
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 3,410	3,410
BlackRock Advisors, LLC	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 52,175	52,175
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 10,275	10,275
BlackRock International Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 3,008	3,008
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 1,775	1,775
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 4,664	4,664
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,929	2,929
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 80,597	80,597
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 21,754	21,754
BlackRock Investment Management (Australia) Limited	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,597	2,597
BlackRock Financial Management, Inc.	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 2,605	2,605
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	13.20	on mkt buy	AUD	ORD 19,993	19,993
BlackRock Fund Advisors	03-Dec-18	yes	13.60	on mkt buy	AUD	ORD 1,406	1,406
BlackRock Investment Management (Australia) Limited	03-Dec-18	yes	14.01	on mkt buy	AUD	ORD 15,841	15,841
BlackRock Fund Advisors	03-Dec-18	yes	14.01	on mkt buy	AUD	ORD 92,588	92,588
BlackRock Investment Management (Australia) Limited	04-Dec-18	yes	13.89	on mkt buy	AUD	ORD 5,073	5,073
BlackRock Institutional Trust Company, National Association	04-Dec-18	yes	14.07	on mkt buy	AUD	ORD 2,096	2,096
BlackRock Investment Management (Australia) Limited	05-Dec-18	yes	13.52	on mkt buy	AUD	ORD 4,832	4,832
BlackRock Investment Management (Australia) Limited	05-Dec-18	yes	13.52	on mkt buy	AUD	ORD 17,126	17,126
BlackRock Investment Management (Australia) Limited	05-Dec-18	yes	13.52	on mkt buy	AUD	ORD 38,078	38,078
BlackRock Investment Management (Australia) Limited	05-Dec-18	yes	13.52	on mkt buy	AUD	ORD 31,324	31,324
BlackRock Investment Management (Australia) Limited	05-Dec-18	yes	13.52	on mkt buy	AUD	ORD 9,771	9,771

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BlackRock Investment Management (Australia) Limited	05-Dec-18	yes	13.52	on mkt buy	AUD	ORD 19,791	19,791
BlackRock Fund Advisors	05-Dec-18	yes	13.50	on mkt buy	AUD	ORD 127,428	127,428
BlackRock Investment Management (Australia) Limited	06-Dec-18	yes	13.36	on mkt buy	AUD	ORD 1,920	1,920
BlackRock Financial Management, Inc.	06-Dec-18	yes	13.35	on mkt buy	AUD	ORD 5,134	5,134
BlackRock Advisors (UK) Limited	06-Dec-18	yes	13.36	on mkt buy	AUD	ORD 3,293	3,293
BlackRock Advisors (UK) Limited	06-Dec-18	yes	13.36	on mkt buy	AUD	ORD 1,307	1,307
BlackRock Investment Management, LLC	06-Dec-18	yes	13.36	on mkt buy	AUD	ORD 52,216	52,216
BlackRock Advisors (UK) Limited	07-Dec-18	yes	13.00	on mkt buy	AUD	ORD 1,809	1,809
BlackRock Investment Management (Australia) Limited	10-Dec-18	yes	12.39	on mkt buy	AUD	ORD 1,765	1,765
BlackRock Advisors (UK) Limited	10-Dec-18	yes	12.39	on mkt buy	AUD	ORD 408	408
BlackRock Institutional Trust Company, National Association	10-Dec-18	yes	12.39	on mkt buy	AUD	ORD 40,926	40,926
BlackRock Investment Management (Australia) Limited	11-Dec-18	yes	12.36	on mkt buy	AUD	ORD 7,531	7,531
BlackRock Investment Management (Australia) Limited	11-Dec-18	yes	12.43	on mkt buy	AUD	ORD 3,530	3,530
BlackRock Advisors (UK) Limited	11-Dec-18	yes	12.43	on mkt buy	AUD	ORD 1,426	1,426
BlackRock Investment Management (Australia) Limited	12-Dec-18	yes	12.52	on mkt buy	AUD	ORD 8,916	8,916
BlackRock Investment Management (Australia) Limited	12-Dec-18	yes	12.52	on mkt buy	AUD	ORD 21,110	21,110
BlackRock Investment Management (Australia) Limited	12-Dec-18	yes	12.52	on mkt buy	AUD	ORD 2,117	2,117
BlackRock Investment Management (Australia) Limited	12-Dec-18	yes	12.52	on mkt buy	AUD	ORD 22,102	22,102
BlackRock Investment Management (Australia) Limited	12-Dec-18	yes	12.52	on mkt buy	AUD	ORD 58,780	58,780
BlackRock Investment Management (Australia) Limited	12-Dec-18	yes	12.52	on mkt buy	AUD	ORD 14,120	14,120
BlackRock Investment Management (Australia) Limited	12-Dec-18	yes	12.52	on mkt buy	AUD	ORD 33,377	33,377
BlackRock Advisors (UK) Limited	12-Dec-18	yes	12.50	on mkt buy	AUD	ORD 267	267
BlackRock Investment Management (Australia) Limited	13-Dec-18	yes	12.58	on mkt buy	AUD	ORD 1,770	1,770
BlackRock Institutional Trust Company, National Association	13-Dec-18	yes	12.59	on mkt buy	AUD	ORD 40,654	40,654
BlackRock Asset Management Canada Limited	13-Dec-18	yes	12.57	on mkt buy	AUD	ORD 11,333	11,333
BlackRock Advisors (UK) Limited	14-Dec-18	yes	12.38	on mkt buy	AUD	ORD 5,200	5,200
BlackRock Japan Co., Ltd.	18-Dec-18	yes	12.12	on mkt buy	AUD	ORD 57,814	57,814
BlackRock Institutional Trust Company, National Association	18-Dec-18	yes	12.00	on mkt buy	AUD	ORD 1,825	1,825
BlackRock Investment Management (Australia) Limited	18-Dec-18	yes	12.00	on mkt buy	AUD	ORD 1,434	1,434
BlackRock Investment Management (UK) Limited	19-Dec-18	yes	11.47	on mkt buy	AUD	ORD 14,401	14,401
BlackRock Investment Management (UK) Limited	19-Dec-18	yes	11.53	on mkt buy	AUD	ORD 6,291	6,291
BlackRock Investment Management (Australia) Limited	19-Dec-18	yes	11.34	on mkt buy	AUD	ORD 985	985
BlackRock Investment Management (Australia) Limited	19-Dec-18	yes	11.34	on mkt buy	AUD	ORD 44,920	44,920
BlackRock Investment Management (Australia) Limited	19-Dec-18	yes	11.34	on mkt buy	AUD	ORD 13,783	13,783
BlackRock Investment Management (Australia) Limited	19-Dec-18	yes	11.34	on mkt buy	AUD	ORD 10,241	10,241
BlackRock Investment Management (Australia) Limited	19-Dec-18	yes	11.34	on mkt buy	AUD	ORD 372	372
BlackRock Advisors, LLC	19-Dec-18	yes	11.37	on mkt buy	AUD	ORD 3,362	3,362
BlackRock Investment Management (UK) Limited	20-Dec-18	yes	11.18	on mkt buy	AUD	ORD 1,763	1,763
BlackRock Asset Management North Asia Limited	20-Dec-18	yes	11.18	on mkt buy	AUD	ORD 11,932	11,932
BlackRock Investment Management (UK) Limited	20-Dec-18	yes	11.18	on mkt buy	AUD	ORD 7,894	7,894
BlackRock Asset Management North Asia Limited	20-Dec-18	yes	11.18	on mkt buy	AUD	ORD 139	139
BlackRock Investment Management (Australia) Limited	20-Dec-18	yes	11.02	on mkt buy	AUD	ORD 32,228	32,228
BlackRock Institutional Trust Company, National Association	20-Dec-18	yes	10.96	on mkt buy	AUD	ORD 577	577
BlackRock Fund Advisors	20-Dec-18	yes	10.96	on mkt buy	AUD	ORD 34,632	34,632
BlackRock Fund Advisors	20-Dec-18	yes	10.96	on mkt buy	AUD	ORD 7,353	7,353

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected
			Cash	Non-cash	CCY		
BlackRock Institutional Trust Company, National Association	20-Dec-18	yes	10.96	on mkt buy	AUD	ORD 8,474	8,474
BlackRock Institutional Trust Company, National Association	20-Dec-18	yes	10.96	on mkt buy	AUD	ORD 2,377	2,377
BlackRock Fund Advisors	21-Dec-18	no	n/a	in specie	AUD	ORD 5,580	5,580
BlackRock Fund Advisors	21-Dec-18	no	n/a	in specie	AUD	ORD 1,275	1,275
BlackRock Investment Management (Australia) Limited	21-Dec-18	yes	10.81	on mkt buy	AUD	ORD 13,178	13,178
BlackRock Investment Management (Australia) Limited	21-Dec-18	yes	10.76	on mkt buy	AUD	ORD 8,982	8,982
BlackRock Investment Management (Australia) Limited	21-Dec-18	yes	10.76	on mkt buy	AUD	ORD 17,621	17,621
BlackRock Investment Management (Australia) Limited	21-Dec-18	yes	10.76	on mkt buy	AUD	ORD 5,719	5,719
BlackRock Investment Management (Australia) Limited	21-Dec-18	yes	10.76	on mkt buy	AUD	ORD 8,197	8,197
BlackRock Advisors (UK) Limited	21-Dec-18	yes	10.76	on mkt buy	AUD	ORD 178	178
BlackRock Fund Advisors	24-Dec-18	no	n/a	in specie	AUD	ORD 1,914	1,914
BlackRock Fund Advisors	24-Dec-18	no	n/a	in specie	AUD	ORD 3,828	3,828
BlackRock Fund Advisors	24-Dec-18	no	n/a	in specie	AUD	ORD 1,578	1,578
BlackRock Asset Management North Asia Limited	24-Dec-18	yes	11.00	on mkt buy	AUD	ORD 5,622	5,622
BlackRock Fund Advisors	26-Dec-18	no	n/a	in specie	AUD	ORD 3,160	3,160
BlackRock Fund Advisors	27-Dec-18	no	n/a	in specie	AUD	ORD 5,530	5,530
BlackRock Investment Management (Australia) Limited	27-Dec-18	yes	11.39	on mkt buy	AUD	ORD 121,439	121,439
BlackRock Investment Management (Australia) Limited	27-Dec-18	yes	11.38	on mkt buy	AUD	ORD 62,573	62,573

Annexure C

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

31-Dec-18

Maria Tricarico,
Authorised Signatory

Date

7. Addresses

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

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