

**Form 603**Corporations Act 2001  
Section 671B**Notice of initial substantial holder**To Company Name/Scheme SANTOS LIMITEDACN/ARSN 007 550 923**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 14 / 02 / 2020**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	105,370,118	105,370,118	5.05

**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 & D		

**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 19 / 02 / 2020

\* 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.

19-Feb-20

**Date**

**Maria Tricarico,  
Authorised Signatory**

**3. Details of Relevant Interests**

**4. Details of present registered holders**

**6. Associates**

<b>Holder of Relevant Interests Name and ACN / ARSN (if applicable)</b>	<b>Nature of Relevant Interest</b>	<b>Registered Holder of Securities</b>	<b>Person entitled to be registered as holder</b>	<b>Class and number of Securities</b>	<b>Person's votes</b>	<b>Nature of Association</b>
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 92,109	92,109	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-STATE STREET LONDON		ORD 239,145	239,145	subsidiary of BlackRock Inc.
BlackRock (Singapore) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNP Paribas Securities Services Singapore		ORD 21,790	21,790	subsidiary of BlackRock Inc.
BlackRock (Singapore) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET SINGAPORE		ORD 35,278	35,278	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 3,775,004	3,775,004	subsidiary of BlackRock Inc.

<b>Holder of Relevant Interests Name and ACN / ARSN (if applicable)</b>	<b>Nature of Relevant Interest</b>	<b>Registered Holder of Securities</b>	<b>Person entitled to be registered as holder</b>	<b>Class and number of Securities</b>	<b>Person's votes</b>	<b>Nature of Association</b>
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 1,486,350	1,486,350	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.	KAS-KAS BANK - AMSTERDAM		ORD 45,766	45,766	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.	Northern Trust Luxembourg		ORD 1,985,038	1,985,038	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 393,981	393,981	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 6,550,740	6,550,740	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 37,652	37,652	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 58,679	58,679	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 947,245	947,245	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.	BNYM-THE BANK OF NEW YORK		ORD 6,785	6,785	subsidiary of BlackRock Inc.

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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.	JPM-JP MORGAN CHASE - NEW YORK		ORD 870,935	870,935	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NT-NORTHERN TRUST CO. - CHICAGO		ORD 28,487	28,487	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 78,557	78,557	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 272,524	272,524	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 9,044	9,044	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 27,239	27,239	subsidiary of BlackRock Inc.
BlackRock Asset Management North Asia Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	Northern Trust Singapore		ORD 2,182	2,182	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 41,858	41,858	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 87,030	87,030	subsidiary of BlackRock Inc.

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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 168,747	168,747	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 289,952	289,952	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 11,804	11,804	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 15,928	15,928	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 343,272	343,272	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET MUTUAL FUNDS - BOSTON		ORD 81,899	81,899	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 25,196,279	25,196,279	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 1,298,066	1,298,066	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 23,444,017	23,444,017	subsidiary of BlackRock Inc.

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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 279,468	279,468	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 539,207	539,207	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STATE HONG KONG		ORD 112,571	112,571	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 4,389	4,389	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 38,677	38,677	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 683,273	683,273	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 2,277,618	2,277,618	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 as investment manager or trustee.	JPM-JPM CHASE - SYDNEY		ORD 3,583,729	3,583,729	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 6,582,269	6,582,269	subsidiary of BlackRock Inc.

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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 1,566,098	1,566,098	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.	SSB-STATE STREET SINGAPORE		ORD 85,799	85,799	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 860,200	860,200	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 7,485	7,485	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 1,105,289	1,105,289	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 920,585	920,585	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 1,765,896	1,765,896	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 2,194,864	2,194,864	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 65,930	65,930	subsidiary of BlackRock Inc.



<b>Holder of Relevant Interests Name and ACN / ARSN (if applicable)</b>	<b>Nature of Relevant Interest</b>	<b>Registered Holder of Securities</b>	<b>Person entitled to be registered as holder</b>	<b>Class and number of Securities</b>	<b>Person's votes</b>	<b>Nature of Association</b>
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 21,456	21,456	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	KAS-KAS BANK - AMSTERDAM		ORD 166,146	166,146	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 1,408,129	1,408,129	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 129,638	129,638	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 75,739	75,739	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 1,267,219	1,267,219	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 113,094	113,094	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 657,076	657,076	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.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 71,832	71,832	subsidiary of BlackRock Inc.

<b>Holder of Relevant Interests Name and ACN / ARSN (if applicable)</b>	<b>Nature of Relevant Interest</b>	<b>Registered Holder of Securities</b>	<b>Person entitled to be registered as holder</b>	<b>Class and number of Securities</b>	<b>Person's votes</b>	<b>Nature of Association</b>
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 1,044,785	1,044,785	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 1,071,295	1,071,295	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET MUTUAL FUNDS - BOSTON		ORD 2,934	2,934	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 33,718	33,718	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 1,238,935	1,238,935	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 23,932	23,932	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 held in its capacity as investment manager.	JPM-JPM CHASE - SYDNEY		ORD 694,388	694,388	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 943,129	943,129	subsidiary of BlackRock Inc.

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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 151,368	151,368	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 5,638,576	5,638,576	subsidiary of BlackRock Inc.

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

19-Feb-20

Maria Tricarico,  
Authorised Signatory

Date

## 5. Consideration

SANTOS LIMITED (STO)								
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	15-Oct-19	no	n/a	in specie	AUD	ORD	2,352	2,352
BlackRock Advisors (UK) Limited	15-Oct-19	yes	7.69	on mkt buy	AUD	ORD	27	27
BlackRock Advisors (UK) Limited	15-Oct-19	yes	7.69	on mkt buy	AUD	ORD	993	993
BlackRock Advisors (UK) Limited	15-Oct-19	yes	7.69	on mkt buy	AUD	ORD	1,112	1,112
BlackRock Fund Advisors	15-Oct-19	no	n/a	in specie	AUD	ORD	938	938
BlackRock Advisors (UK) Limited	15-Oct-19	no	n/a	collateral transfer	AUD	ORD	1,043,598	1,043,598
BlackRock Investment Management (UK) Limited	16-Oct-19	yes	7.79	on mkt buy	AUD	ORD	122,250	122,250
BlackRock Investment Management (Australia) Limited	16-Oct-19	yes	7.79	on mkt buy	AUD	ORD	279	279
BlackRock Advisors (UK) Limited	16-Oct-19	yes	7.79	on mkt buy	AUD	ORD	7,774	7,774
BlackRock Advisors (UK) Limited	16-Oct-19	yes	7.79	on mkt buy	AUD	ORD	3,900	3,900
BlackRock Advisors (UK) Limited	16-Oct-19	yes	7.79	on mkt buy	AUD	ORD	1,761	1,761
BlackRock Advisors (UK) Limited	16-Oct-19	yes	7.79	on mkt buy	AUD	ORD	1,950	1,950
BlackRock Advisors (UK) Limited	16-Oct-19	no	n/a	collateral transfer	AUD	ORD	507,227	507,227
BlackRock Capital Management, Inc.	16-Oct-19	no	n/a	collateral transfer	AUD	ORD	216	216
BLACKROCK FINANCIAL MANAGEMENT, INC.	16-Oct-19	no	n/a	collateral transfer	AUD	ORD	1	1
BlackRock Investment Management, LLC	16-Oct-19	no	n/a	collateral transfer	AUD	ORD	2,653	2,653
BlackRock Investment Management (UK) Limited	16-Oct-19	no	n/a	collateral transfer	AUD	ORD	37,864	37,864
BlackRock Asset Management North Asia Limited	16-Oct-19	no	n/a	collateral transfer	AUD	ORD	280	280
BlackRock Institutional Trust Company, National Association	17-Oct-19	yes	7.82	on mkt buy	AUD	ORD	8,385	8,385
BlackRock Investment Management (Australia) Limited	17-Oct-19	yes	7.83	on mkt buy	AUD	ORD	6,018	6,018
BlackRock Advisors (UK) Limited	17-Oct-19	yes	7.83	on mkt buy	AUD	ORD	1,114	1,114
BlackRock Advisors (UK) Limited	17-Oct-19	yes	7.83	on mkt buy	AUD	ORD	440	440
BlackRock Advisors (UK) Limited	17-Oct-19	yes	7.83	on mkt buy	AUD	ORD	852	852
BlackRock Advisors (UK) Limited	17-Oct-19	yes	7.83	on mkt buy	AUD	ORD	852	852
BlackRock Advisors (UK) Limited	17-Oct-19	yes	7.83	on mkt buy	AUD	ORD	2,111	2,111
BlackRock Japan Co., Ltd.	17-Oct-19	no	n/a	collateral transfer	AUD	ORD	1,540,560	1,540,560
BlackRock Capital Management, Inc.	17-Oct-19	no	n/a	collateral transfer	AUD	ORD	3	3
BlackRock Asset Management North Asia Limited	17-Oct-19	no	n/a	collateral transfer	AUD	ORD	11	11
BlackRock Investment Management (Australia) Limited	18-Oct-19	yes	7.78	on mkt buy	AUD	ORD	10,030	10,030
BlackRock Advisors (UK) Limited	18-Oct-19	yes	7.78	on mkt buy	AUD	ORD	1,155	1,155
BlackRock Advisors (UK) Limited	18-Oct-19	yes	7.78	on mkt buy	AUD	ORD	1,540	1,540
BlackRock Advisors (UK) Limited	18-Oct-19	yes	7.78	on mkt buy	AUD	ORD	8,085	8,085
BlackRock Fund Advisors	18-Oct-19	no	n/a	in specie	AUD	ORD	15,706	15,706
BlackRock Fund Advisors	18-Oct-19	no	n/a	in specie	AUD	ORD	1,974	1,974
BlackRock Investment Management (UK) Limited	18-Oct-19	no	n/a	collateral transfer	AUD	ORD	22	22
BlackRock Investment Management (Australia) Limited	21-Oct-19	yes	7.75	on mkt buy	AUD	ORD	6,823	6,823
BlackRock Fund Advisors	21-Oct-19	no	n/a	in specie	AUD	ORD	3,708	3,708
BlackRock Advisors (UK) Limited	21-Oct-19	no	n/a	in specie	AUD	ORD	10,045	10,045
BlackRock Advisors (UK) Limited	21-Oct-19	no	n/a	collateral transfer	AUD	ORD	1,540,557	1,540,557
BlackRock Asset Management North Asia Limited	21-Oct-19	no	n/a	collateral transfer	AUD	ORD	16	16
BlackRock Investment Management (Australia) Limited	22-Oct-19	yes	7.77	on mkt buy	AUD	ORD	558	558
BlackRock Japan Co., Ltd.	22-Oct-19	no	n/a	collateral transfer	AUD	ORD	1,540,570	1,540,570

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 Capital Management, Inc.	22-Oct-19	no	n/a	collateral transfer	AUD	ORD	28	28
BlackRock Investment Management (Australia) Limited	23-Oct-19	yes	7.88	on mkt buy	AUD	ORD	8,358	8,358
BlackRock Advisors (UK) Limited	23-Oct-19	yes	7.90	on mkt buy	AUD	ORD	1,158	1,158
BlackRock Advisors (UK) Limited	23-Oct-19	yes	7.90	on mkt buy	AUD	ORD	386	386
BlackRock Investment Management (Australia) Limited	23-Oct-19	yes	7.90	on mkt buy	AUD	ORD	21,581	21,581
BlackRock Fund Advisors	23-Oct-19	yes	7.90	on mkt buy	AUD	ORD	61,374	61,374
BlackRock Fund Advisors	23-Oct-19	yes	7.90	on mkt buy	AUD	ORD	18,971	18,971
BlackRock Asset Management North Asia Limited	23-Oct-19	no	n/a	collateral transfer	AUD	ORD	10	10
BlackRock Investment Management, LLC	24-Oct-19	yes	8.00	on mkt buy	AUD	ORD	4,192	4,192
BlackRock Investment Management (UK) Limited	24-Oct-19	yes	8.09	on mkt buy	AUD	ORD	88,543	88,543
BlackRock Advisors (UK) Limited	24-Oct-19	yes	8.08	on mkt buy	AUD	ORD	832	832
BlackRock Institutional Trust Company, National Association	24-Oct-19	yes	8.08	on mkt buy	AUD	ORD	7,452	7,452
BlackRock Capital Management, Inc.	24-Oct-19	no	n/a	collateral transfer	AUD	ORD	8	8
BlackRock Asset Management North Asia Limited	24-Oct-19	no	n/a	collateral transfer	AUD	ORD	13	13
BlackRock Advisors (UK) Limited	25-Oct-19	yes	8.18	on mkt buy	AUD	ORD	7,774	7,774
BlackRock Investment Management (Australia) Limited	25-Oct-19	yes	8.18	on mkt buy	AUD	ORD	45,787	45,787
BlackRock Fund Advisors	25-Oct-19	no	n/a	in specie	AUD	ORD	15,706	15,706
BlackRock Advisors (UK) Limited	25-Oct-19	no	n/a	collateral transfer	AUD	ORD	16,244	16,244
BlackRock Capital Management, Inc.	25-Oct-19	no	n/a	collateral transfer	AUD	ORD	9	9
BlackRock Asset Management North Asia Limited	25-Oct-19	no	n/a	collateral transfer	AUD	ORD	3	3
BlackRock Fund Advisors	28-Oct-19	no	n/a	in specie	AUD	ORD	2,358	2,358
BlackRock Fund Advisors	28-Oct-19	no	n/a	in specie	AUD	ORD	3,708	3,708
BlackRock Capital Management, Inc.	28-Oct-19	no	n/a	collateral transfer	AUD	ORD	2	2
BlackRock Investment Management (UK) Limited	28-Oct-19	no	n/a	collateral transfer	AUD	ORD	3,321	3,321
BlackRock Asset Management North Asia Limited	28-Oct-19	no	n/a	collateral transfer	AUD	ORD	2	2
BlackRock Fund Advisors	29-Oct-19	no	n/a	in specie	AUD	ORD	1,183	1,183
BlackRock Investment Management (Australia) Limited	29-Oct-19	yes	8.19	on mkt buy	AUD	ORD	12,036	12,036
BlackRock Advisors (UK) Limited	29-Oct-19	yes	8.19	on mkt buy	AUD	ORD	2,102	2,102
BlackRock Advisors (UK) Limited	29-Oct-19	no	n/a	collateral transfer	AUD	ORD	1,532,047	1,532,047
BlackRock Capital Management, Inc.	29-Oct-19	no	n/a	collateral transfer	AUD	ORD	1	1
BlackRock Asset Management North Asia Limited	29-Oct-19	no	n/a	collateral transfer	AUD	ORD	1	1
BlackRock Investment Management (UK) Limited	30-Oct-19	yes	8.21	on mkt buy	AUD	ORD	168,124	168,124
BlackRock Advisors (UK) Limited	30-Oct-19	yes	8.17	on mkt buy	AUD	ORD	2,186	2,186
BlackRock Advisors (UK) Limited	30-Oct-19	yes	8.17	on mkt buy	AUD	ORD	3,328	3,328
BlackRock Fund Advisors	30-Oct-19	no	n/a	in specie	AUD	ORD	32,300	32,300
BlackRock Fund Advisors	30-Oct-19	no	n/a	in specie	AUD	ORD	987	987
BlackRock Advisors (UK) Limited	30-Oct-19	no	n/a	collateral transfer	AUD	ORD	508,318	508,318
BlackRock Investment Management, LLC	30-Oct-19	no	n/a	collateral transfer	AUD	ORD	55,362	55,362
BlackRock Investment Management (UK) Limited	30-Oct-19	no	n/a	collateral transfer	AUD	ORD	548,492	548,492
BlackRock Institutional Trust Company, National Association	31-Oct-19	no	n/a	in specie	AUD	ORD	7,320	7,320
BlackRock Fund Advisors	31-Oct-19	no	n/a	in specie	AUD	ORD	7,110	7,110
BlackRock Investment Management (Australia) Limited	31-Oct-19	yes	8.12	on mkt buy	AUD	ORD	53,433	53,433
BlackRock Advisors (UK) Limited	31-Oct-19	yes	8.12	on mkt buy	AUD	ORD	3,510	3,510
BlackRock Advisors (UK) Limited	31-Oct-19	yes	8.12	on mkt buy	AUD	ORD	1,964	1,964
BlackRock Institutional Trust Company, National Association	31-Oct-19	yes	8.12	on mkt buy	AUD	ORD	43,896	43,896
BlackRock Institutional Trust Company, National Association	31-Oct-19	yes	8.12	on mkt buy	AUD	ORD	7,199	7,199
BlackRock Fund Advisors	31-Oct-19	no	n/a	in specie	AUD	ORD	3,708	3,708
BlackRock Japan Co., Ltd.	31-Oct-19	no	n/a	collateral transfer	AUD	ORD	1,540,580	1,540,580

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 Capital Management, Inc.	31-Oct-19	no	n/a	collateral transfer	AUD	ORD	241	241
BlackRock Fund Advisors	01-Nov-19	no	n/a	in specie	AUD	ORD	3,588	3,588
BlackRock Advisors (UK) Limited	01-Nov-19	yes	8.19	on mkt buy	AUD	ORD	24,282	24,282
BlackRock Fund Advisors	01-Nov-19	no	n/a	in specie	AUD	ORD	7,155	7,155
BLACKROCK ADVISORS, LLC	01-Nov-19	no	n/a	collateral transfer	AUD	ORD	1,165	1,165
BlackRock Advisors (UK) Limited	01-Nov-19	no	n/a	collateral transfer	AUD	ORD	131,339	131,339
BLACKROCK FINANCIAL MANAGEMENT, INC.	01-Nov-19	no	n/a	collateral transfer	AUD	ORD	44,803	44,803
BlackRock Investment Management, LLC	01-Nov-19	no	n/a	collateral transfer	AUD	ORD	715,220	715,220
BlackRock Investment Management (UK) Limited	01-Nov-19	no	n/a	collateral transfer	AUD	ORD	602,081	602,081
BlackRock Asset Management North Asia Limited	01-Nov-19	no	n/a	collateral transfer	AUD	ORD	4,056	4,056
BlackRock Investment Management (Australia) Limited	04-Nov-19	yes	8.15	on mkt buy	AUD	ORD	12,036	12,036
BlackRock Advisors (UK) Limited	04-Nov-19	yes	8.15	on mkt buy	AUD	ORD	832	832
BlackRock Fund Advisors	04-Nov-19	no	n/a	in specie	AUD	ORD	938	938
BlackRock Japan Co., Ltd.	04-Nov-19	no	n/a	collateral transfer	AUD	ORD	2,502,110	2,502,110
BlackRock Asset Management North Asia Limited	04-Nov-19	no	n/a	collateral transfer	AUD	ORD	490	490
BlackRock Advisors (UK) Limited	05-Nov-19	yes	8.16	on mkt buy	AUD	ORD	1,410	1,410
BlackRock Investment Management (Australia) Limited	05-Nov-19	yes	8.15	on mkt buy	AUD	ORD	16,048	16,048
BlackRock Advisors (UK) Limited	05-Nov-19	yes	8.15	on mkt buy	AUD	ORD	11,661	11,661
BlackRock Advisors (UK) Limited	05-Nov-19	yes	8.15	on mkt buy	AUD	ORD	768	768
BlackRock Advisors (UK) Limited	05-Nov-19	yes	8.15	on mkt buy	AUD	ORD	2,688	2,688
BlackRock Advisors (UK) Limited	05-Nov-19	yes	8.15	on mkt buy	AUD	ORD	832	832
BlackRock Advisors (UK) Limited	05-Nov-19	yes	8.15	on mkt buy	AUD	ORD	248	248
BlackRock Advisors (UK) Limited	05-Nov-19	yes	8.15	on mkt buy	AUD	ORD	247	247
BlackRock Advisors (UK) Limited	05-Nov-19	yes	8.15	on mkt buy	AUD	ORD	741	741
BlackRock Fund Advisors	05-Nov-19	no	n/a	in specie	AUD	ORD	938	938
BlackRock Fund Advisors	05-Nov-19	no	n/a	in specie	AUD	ORD	48,450	48,450
BlackRock Fund Advisors	05-Nov-19	no	n/a	in specie	AUD	ORD	7,416	7,416
BlackRock Advisors (UK) Limited	05-Nov-19	no	n/a	collateral transfer	AUD	ORD	1,454,694	1,454,694
BLACKROCK FINANCIAL MANAGEMENT, INC.	05-Nov-19	no	n/a	collateral transfer	AUD	ORD	106	106
BlackRock Investment Management (UK) Limited	05-Nov-19	no	n/a	collateral transfer	AUD	ORD	52,370	52,370
BlackRock Asset Management North Asia Limited	05-Nov-19	no	n/a	collateral transfer	AUD	ORD	259	259
BlackRock Investment Management (UK) Limited	06-Nov-19	yes	8.20	on mkt buy	AUD	ORD	211,034	211,034
BlackRock Advisors (UK) Limited	06-Nov-19	yes	8.11	on mkt buy	AUD	ORD	1,664	1,664
BlackRock Advisors (UK) Limited	06-Nov-19	yes	8.11	on mkt buy	AUD	ORD	1,945	1,945
BlackRock Advisors (UK) Limited	06-Nov-19	yes	8.11	on mkt buy	AUD	ORD	8,826	8,826
BlackRock Advisors (UK) Limited	06-Nov-19	no	n/a	collateral transfer	AUD	ORD	40,179	40,179
BLACKROCK FINANCIAL MANAGEMENT, INC.	06-Nov-19	no	n/a	collateral transfer	AUD	ORD	149	149
BlackRock Asset Management North Asia Limited	06-Nov-19	no	n/a	collateral transfer	AUD	ORD	492	492
BlackRock Fund Advisors	07-Nov-19	no	n/a	in specie	AUD	ORD	23,522	23,522
BlackRock Fund Advisors	07-Nov-19	no	n/a	in specie	AUD	ORD	35,775	35,775
BlackRock Investment Management (Australia) Limited	07-Nov-19	yes	7.99	on mkt buy	AUD	ORD	558	558
BlackRock Advisors (UK) Limited	07-Nov-19	yes	7.99	on mkt buy	AUD	ORD	832	832
BlackRock Advisors (UK) Limited	07-Nov-19	yes	7.99	on mkt buy	AUD	ORD	832	832
BlackRock Advisors (UK) Limited	07-Nov-19	yes	7.99	on mkt buy	AUD	ORD	16,620	16,620
BlackRock Institutional Trust Company, National Association	07-Nov-19	yes	7.99	on mkt buy	AUD	ORD	63,209	63,209
BlackRock Fund Advisors	07-Nov-19	no	n/a	in specie	AUD	ORD	40,375	40,375
BlackRock Fund Advisors	07-Nov-19	no	n/a	in specie	AUD	ORD	1,316	1,316
BlackRock Advisors (UK) Limited	07-Nov-19	no	n/a	collateral transfer	AUD	ORD	25,647	25,647
BlackRock Capital Management, Inc.	07-Nov-19	no	n/a	collateral transfer	AUD	ORD	6	6
BlackRock Fund Advisors	08-Nov-19	no	n/a	in specie	AUD	ORD	11,448	11,448
BlackRock Advisors (UK) Limited	08-Nov-19	yes	8.10	on mkt buy	AUD	ORD	23,322	23,322
BlackRock Advisors (UK) Limited	08-Nov-19	yes	8.11	on mkt buy	AUD	ORD	2,702	2,702
BlackRock Advisors (UK) Limited	08-Nov-19	yes	8.11	on mkt buy	AUD	ORD	423	423

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-Nov-19	no	n/a	in specie	AUD	ORD	28,620	28,620
BlackRock Fund Advisors	08-Nov-19	no	n/a	in specie	AUD	ORD	7,853	7,853
BlackRock Capital Management, Inc.	08-Nov-19	no	n/a	collateral transfer	AUD	ORD	7	7
BlackRock Investment Management, LLC	08-Nov-19	no	n/a	collateral transfer	AUD	ORD	9	9
BlackRock Asset Management North Asia Limited	08-Nov-19	no	n/a	collateral transfer	AUD	ORD	12	12
BlackRock Fund Advisors	11-Nov-19	no	n/a	in specie	AUD	ORD	47,619	47,619
BlackRock Investment Management (Australia) Limited	11-Nov-19	yes	8.10	on mkt buy	AUD	ORD	4,012	4,012
BlackRock Advisors (UK) Limited	11-Nov-19	yes	8.10	on mkt buy	AUD	ORD	7,854	7,854
BlackRock Advisors (UK) Limited	11-Nov-19	yes	8.10	on mkt buy	AUD	ORD	2,695	2,695
BlackRock Advisors (UK) Limited	11-Nov-19	yes	8.10	on mkt buy	AUD	ORD	2,695	2,695
BlackRock Advisors (UK) Limited	11-Nov-19	yes	8.10	on mkt buy	AUD	ORD	2,186	2,186
BlackRock Advisors (UK) Limited	11-Nov-19	yes	8.10	on mkt buy	AUD	ORD	830	830
BlackRock Advisors (UK) Limited	11-Nov-19	yes	8.10	on mkt buy	AUD	ORD	3,320	3,320
BlackRock Fund Advisors	11-Nov-19	no	n/a	in specie	AUD	ORD	938	938
BlackRock Japan Co., Ltd.	11-Nov-19	no	n/a	collateral transfer	AUD	ORD	629,282	629,282
BlackRock Capital Management, Inc.	11-Nov-19	no	n/a	collateral transfer	AUD	ORD	3	3
BlackRock Investment Management (UK) Limited	11-Nov-19	no	n/a	collateral transfer	AUD	ORD	13,877	13,877
BlackRock Fund Advisors	12-Nov-19	no	n/a	in specie	AUD	ORD	51,516	51,516
BlackRock Fund Advisors	12-Nov-19	no	n/a	in specie	AUD	ORD	7,853	7,853
BlackRock Capital Management, Inc.	12-Nov-19	no	n/a	collateral transfer	AUD	ORD	54	54
BlackRock Investment Management, LLC	12-Nov-19	no	n/a	collateral transfer	AUD	ORD	11	11
BlackRock Asset Management North Asia Limited	12-Nov-19	no	n/a	collateral transfer	AUD	ORD	20	20
BlackRock Fund Advisors	13-Nov-19	no	n/a	in specie	AUD	ORD	21,555	21,555
BlackRock Investment Management (Australia) Limited	13-Nov-19	yes	8.10	on mkt buy	AUD	ORD	279	279
BlackRock Fund Advisors	13-Nov-19	no	n/a	in specie	AUD	ORD	104,975	104,975
BlackRock Fund Advisors	13-Nov-19	no	n/a	in specie	AUD	ORD	48,450	48,450
BlackRock Fund Advisors	13-Nov-19	no	n/a	in specie	AUD	ORD	40,375	40,375
BlackRock Fund Advisors	13-Nov-19	no	n/a	in specie	AUD	ORD	32,300	32,300
BlackRock Advisors (UK) Limited	13-Nov-19	no	n/a	collateral transfer	AUD	ORD	1,538,614	1,538,614
BlackRock Capital Management, Inc.	13-Nov-19	no	n/a	collateral transfer	AUD	ORD	136	136
BlackRock Investment Management, LLC	13-Nov-19	no	n/a	collateral transfer	AUD	ORD	15	15
BlackRock Asset Management North Asia Limited	13-Nov-19	no	n/a	collateral transfer	AUD	ORD	5	5
BlackRock Investment Management (Australia) Limited	14-Nov-19	yes	8.12	on mkt buy	AUD	ORD	12,036	12,036
BlackRock Advisors (UK) Limited	14-Nov-19	yes	8.12	on mkt buy	AUD	ORD	3,919	3,919
BlackRock Advisors (UK) Limited	14-Nov-19	yes	8.12	on mkt buy	AUD	ORD	426	426
BlackRock Fund Advisors	14-Nov-19	no	n/a	in specie	AUD	ORD	2,588	2,588
BlackRock Fund Advisors	14-Nov-19	no	n/a	in specie	AUD	ORD	40,375	40,375
BlackRock Fund Advisors	14-Nov-19	no	n/a	in specie	AUD	ORD	2,303	2,303
BlackRock Fund Advisors	14-Nov-19	no	n/a	in specie	AUD	ORD	56,525	56,525
BlackRock Advisors (UK) Limited	14-Nov-19	no	n/a	collateral transfer	AUD	ORD	13	13
BlackRock Investment Management, LLC	14-Nov-19	no	n/a	collateral transfer	AUD	ORD	488	488
BlackRock Investment Management (UK) Limited	15-Nov-19	yes	8.13	on mkt buy	AUD	ORD	12,696	12,696
BlackRock Investment Management (Australia) Limited	15-Nov-19	yes	8.18	on mkt buy	AUD	ORD	16,048	16,048
BlackRock Advisors (UK) Limited	15-Nov-19	yes	8.18	on mkt buy	AUD	ORD	1,167	1,167
BlackRock Advisors (UK) Limited	15-Nov-19	no	n/a	collateral transfer	AUD	ORD	210,531	210,531
BlackRock Capital Management, Inc.	15-Nov-19	no	n/a	collateral transfer	AUD	ORD	20	20
BlackRock Investment Management, LLC	15-Nov-19	no	n/a	collateral transfer	AUD	ORD	4,503	4,503
BlackRock Investment Management (UK) Limited	15-Nov-19	no	n/a	collateral transfer	AUD	ORD	47,225	47,225
BlackRock Asset Management North Asia Limited	15-Nov-19	no	n/a	collateral transfer	AUD	ORD	1,130	1,130
BlackRock Fund Advisors	18-Nov-19	no	n/a	in specie	AUD	ORD	14,370	14,370

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.	18-Nov-19	yes	8.10	on mkt buy	AUD	ORD	11,307	11,307
BlackRock Fund Advisors	18-Nov-19	yes	8.10	on mkt buy	AUD	ORD	1,284	1,284
BlackRock Investment Management (UK) Limited	18-Nov-19	yes	8.10	on mkt buy	AUD	ORD	600	600
BLACKROCK ADVISORS, LLC	18-Nov-19	yes	8.10	on mkt buy	AUD	ORD	11,432	11,432
BlackRock Institutional Trust Company, National Association	18-Nov-19	yes	8.10	on mkt buy	AUD	ORD	1,836	1,836
BLACKROCK ADVISORS, LLC	18-Nov-19	yes	8.10	on mkt buy	AUD	ORD	2,235	2,235
BlackRock International Limited	18-Nov-19	yes	8.10	on mkt buy	AUD	ORD	2,477	2,477
BLACKROCK FINANCIAL MANAGEMENT, INC.	18-Nov-19	yes	8.10	on mkt buy	AUD	ORD	1,733	1,733
BlackRock Investment Management (Australia) Limited	18-Nov-19	yes	8.11	on mkt buy	AUD	ORD	16,048	16,048
BlackRock Advisors (UK) Limited	18-Nov-19	yes	8.11	on mkt buy	AUD	ORD	3,492	3,492
BlackRock Advisors (UK) Limited	18-Nov-19	yes	8.11	on mkt buy	AUD	ORD	5,810	5,810
BlackRock Advisors (UK) Limited	18-Nov-19	yes	8.11	on mkt buy	AUD	ORD	1,940	1,940
BlackRock Japan Co., Ltd.	18-Nov-19	no	n/a	collateral transfer	AUD	ORD	401,734	401,734
BlackRock Capital Management, Inc.	18-Nov-19	no	n/a	collateral transfer	AUD	ORD	37	37
BlackRock Fund Advisors	19-Nov-19	no	n/a	in specie	AUD	ORD	45,792	45,792
BlackRock Advisors (UK) Limited	19-Nov-19	yes	8.14	on mkt buy	AUD	ORD	6,640	6,640
BlackRock Fund Advisors	19-Nov-19	no	n/a	in specie	AUD	ORD	1,551	1,551
BlackRock Advisors (UK) Limited	19-Nov-19	no	n/a	collateral transfer	AUD	ORD	328,913	328,913
BlackRock Investment Management, LLC	19-Nov-19	no	n/a	collateral transfer	AUD	ORD	66	66
BlackRock Asset Management North Asia Limited	19-Nov-19	no	n/a	collateral transfer	AUD	ORD	49	49
BlackRock Investment Management (Australia) Limited	20-Nov-19	yes	8.02	on mkt buy	AUD	ORD	16,048	16,048
BlackRock Advisors (UK) Limited	20-Nov-19	yes	8.02	on mkt buy	AUD	ORD	3,320	3,320
BlackRock Advisors (UK) Limited	20-Nov-19	yes	8.02	on mkt buy	AUD	ORD	9,350	9,350
BlackRock Advisors (UK) Limited	20-Nov-19	yes	8.02	on mkt buy	AUD	ORD	13,076	13,076
BlackRock Fund Advisors	20-Nov-19	no	n/a	in specie	AUD	ORD	3,670	3,670
BlackRock Advisors (UK) Limited	20-Nov-19	no	n/a	collateral transfer	AUD	ORD	55	55
BlackRock Investment Management (UK) Limited	20-Nov-19	no	n/a	collateral transfer	AUD	ORD	235	235
BlackRock Investment Management (Australia) Limited	21-Nov-19	yes	7.89	on mkt buy	AUD	ORD	8,024	8,024
BlackRock Institutional Trust Company, National Association	21-Nov-19	yes	7.89	on mkt buy	AUD	ORD	8,937	8,937
BlackRock Fund Advisors	21-Nov-19	no	n/a	in specie	AUD	ORD	32,300	32,300
BlackRock Fund Advisors	21-Nov-19	no	n/a	in specie	AUD	ORD	7,416	7,416
BlackRock Capital Management, Inc.	21-Nov-19	no	n/a	collateral transfer	AUD	ORD	3	3
BlackRock Investment Management, LLC	21-Nov-19	no	n/a	collateral transfer	AUD	ORD	1	1
BlackRock Asset Management North Asia Limited	21-Nov-19	no	n/a	collateral transfer	AUD	ORD	14	14
BlackRock Advisors (UK) Limited	22-Nov-19	yes	7.99	on mkt buy	AUD	ORD	997	997
BlackRock Advisors (UK) Limited	22-Nov-19	yes	7.99	on mkt buy	AUD	ORD	832	832
BlackRock Advisors (UK) Limited	22-Nov-19	yes	7.99	on mkt buy	AUD	ORD	832	832
BlackRock Japan Co., Ltd.	22-Nov-19	yes	7.99	on mkt buy	AUD	ORD	12,072	12,072
BlackRock Fund Advisors	22-Nov-19	no	n/a	in specie	AUD	ORD	18,603	18,603
BlackRock Institutional Trust Company, National Association	22-Nov-19	no	n/a	in specie	AUD	ORD	9,174	9,174
BlackRock Advisors (UK) Limited	22-Nov-19	no	n/a	collateral transfer	AUD	ORD	359	359
BlackRock Capital Management, Inc.	22-Nov-19	no	n/a	collateral transfer	AUD	ORD	114	114
BlackRock Investment Management, LLC	22-Nov-19	no	n/a	collateral transfer	AUD	ORD	187	187
BlackRock Investment Management (Australia) Limited	25-Nov-19	yes	8.04	on mkt buy	AUD	ORD	558	558
BlackRock Advisors (UK) Limited	25-Nov-19	yes	8.04	on mkt buy	AUD	ORD	1,664	1,664
BlackRock Advisors (UK) Limited	25-Nov-19	yes	8.04	on mkt buy	AUD	ORD	2,723	2,723
BlackRock Capital Management, Inc.	25-Nov-19	no	n/a	collateral transfer	AUD	ORD	44	44
BlackRock Investment Management (UK) Limited	25-Nov-19	no	n/a	collateral transfer	AUD	ORD	1,769	1,769
BlackRock Investment Management (Australia) Limited	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	320	320
BlackRock Advisors (UK) Limited	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	1,540	1,540



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	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	2,384	2,384
BlackRock Fund Advisors	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	49,176	49,176
BlackRock Fund Advisors	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	10,350	10,350
BlackRock Institutional Trust Company, National Association	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	4,137	4,137
BlackRock Institutional Trust Company, National Association	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	8,313	8,313
BlackRock Investment Management, LLC	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	3,301	3,301
BlackRock Investment Management (UK) Limited	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	20,609	20,609
BlackRock Investment Management (UK) Limited	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	6,137	6,137
BlackRock Advisors (UK) Limited	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	10,602	10,602
BlackRock Advisors (UK) Limited	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	2,638	2,638
BlackRock Investment Management (UK) Limited	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	34,286	34,286
BlackRock Investment Management (Australia) Limited	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	1,816	1,816
BLACKROCK FINANCIAL MANAGEMENT, INC.	26-Nov-19	yes	8.07	on mkt buy	AUD	ORD	2,470	2,470
BlackRock Institutional Trust Company, National Association	26-Nov-19	no	n/a	in specie	AUD	ORD	34,128	34,128
BlackRock Advisors (UK) Limited	26-Nov-19	no	n/a	collateral transfer	AUD	ORD	179,171	179,171
BlackRock Investment Management (UK) Limited	26-Nov-19	no	n/a	collateral transfer	AUD	ORD	1,236	1,236
BlackRock Asset Management North Asia Limited	26-Nov-19	no	n/a	collateral transfer	AUD	ORD	108	108
BlackRock Institutional Trust Company, National Association	27-Nov-19	no	n/a	in specie	AUD	ORD	178,422	178,422
BlackRock Fund Advisors	27-Nov-19	no	n/a	in specie	AUD	ORD	22,992	22,992
BlackRock Japan Co., Ltd.	27-Nov-19	no	n/a	collateral transfer	AUD	ORD	16,671	16,671
BlackRock Investment Management, LLC	27-Nov-19	no	n/a	collateral transfer	AUD	ORD	130,108	130,108
BlackRock Investment Management (UK) Limited	27-Nov-19	no	n/a	collateral transfer	AUD	ORD	1,735,042	1,735,042
BlackRock Asset Management North Asia Limited	27-Nov-19	no	n/a	collateral transfer	AUD	ORD	36,168	36,168
BlackRock Investment Management (UK) Limited	28-Nov-19	yes	8.14	on mkt buy	AUD	ORD	13,184	13,184
BlackRock Investment Management (Australia) Limited	28-Nov-19	yes	8.13	on mkt buy	AUD	ORD	16,048	16,048
BlackRock Institutional Trust Company, National Association	28-Nov-19	yes	8.13	on mkt buy	AUD	ORD	25,145	25,145
BlackRock Japan Co., Ltd.	28-Nov-19	no	n/a	collateral transfer	AUD	ORD	1,930	1,930
BlackRock Investment Management, LLC	28-Nov-19	no	n/a	collateral transfer	AUD	ORD	11,698	11,698
BlackRock Asset Management North Asia Limited	28-Nov-19	no	n/a	collateral transfer	AUD	ORD	13,858	13,858
BlackRock Advisors (UK) Limited	29-Nov-19	yes	8.15	on mkt buy	AUD	ORD	340	340
BlackRock Advisors (UK) Limited	29-Nov-19	yes	8.15	on mkt buy	AUD	ORD	778	778
BlackRock Institutional Trust Company, National Association	29-Nov-19	yes	8.15	on mkt buy	AUD	ORD	13,023	13,023
BlackRock Institutional Trust Company, National Association	29-Nov-19	no	n/a	in specie	AUD	ORD	63,461	63,461
BlackRock Japan Co., Ltd.	29-Nov-19	no	n/a	collateral transfer	AUD	ORD	1,924,222	1,924,222
BlackRock Advisors (UK) Limited	02-Dec-19	yes	8.10	on mkt buy	AUD	ORD	4,773	4,773
BlackRock Advisors (UK) Limited	02-Dec-19	yes	8.10	on mkt buy	AUD	ORD	1,556	1,556
BlackRock Institutional Trust Company, National Association	02-Dec-19	yes	8.10	on mkt buy	AUD	ORD	6,392	6,392
BlackRock Investment Management, LLC	02-Dec-19	no	n/a	collateral transfer	AUD	ORD	109,363	109,363
BlackRock Investment Management (UK) Limited	02-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,777,938	1,777,938
BlackRock Asset Management North Asia Limited	02-Dec-19	no	n/a	collateral transfer	AUD	ORD	40,611	40,611
BlackRock Institutional Trust Company, National Association	03-Dec-19	yes	7.95	on mkt buy	AUD	ORD	10,887	10,887
BlackRock Fund Advisors	03-Dec-19	no	n/a	in specie	AUD	ORD	3,708	3,708
BlackRock Fund Advisors	03-Dec-19	no	n/a	in specie	AUD	ORD	3,708	3,708
BlackRock Japan Co., Ltd.	03-Dec-19	no	n/a	collateral transfer	AUD	ORD	191,794	191,794

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	03-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,694,564	1,694,564
BlackRock Fund Advisors	04-Dec-19	no	n/a	in specie	AUD	ORD	15,348	15,348
BlackRock Investment Management (Australia) Limited	04-Dec-19	yes	7.81	on mkt buy	AUD	ORD	2,006	2,006
BlackRock Investment Management (Australia) Limited	04-Dec-19	yes	7.81	on mkt buy	AUD	ORD	12,036	12,036
BlackRock Investment Management (UK) Limited	04-Dec-19	yes	7.81	on mkt buy	AUD	ORD	23,493	23,493
BlackRock Investment Management (Australia) Limited	04-Dec-19	yes	7.81	on mkt buy	AUD	ORD	16,076	16,076
BLACKROCK ADVISORS, LLC	04-Dec-19	no	n/a	collateral transfer	AUD	ORD	502	502
BLACKROCK FINANCIAL MANAGEMENT, INC.	04-Dec-19	no	n/a	collateral transfer	AUD	ORD	52,966	52,966
BlackRock Investment Management, LLC	04-Dec-19	no	n/a	collateral transfer	AUD	ORD	650,631	650,631
BlackRock Investment Management (UK) Limited	04-Dec-19	no	n/a	collateral transfer	AUD	ORD	470,808	470,808
BlackRock Asset Management North Asia Limited	04-Dec-19	no	n/a	collateral transfer	AUD	ORD	607	607
BlackRock Investment Management (UK) Limited	05-Dec-19	yes	8.02	on mkt buy	AUD	ORD	8,153	8,153
BlackRock Fund Advisors	05-Dec-19	no	n/a	in specie	AUD	ORD	35,679	35,679
BlackRock Advisors (UK) Limited	05-Dec-19	yes	8.14	on mkt buy	AUD	ORD	343	343
BlackRock Advisors (UK) Limited	05-Dec-19	yes	8.14	on mkt buy	AUD	ORD	343	343
BlackRock Institutional Trust Company, National Association	05-Dec-19	yes	8.14	on mkt buy	AUD	ORD	31,297	31,297
BlackRock Fund Advisors	05-Dec-19	no	n/a	in specie	AUD	ORD	7,416	7,416
BlackRock Japan Co., Ltd.	05-Dec-19	no	n/a	collateral transfer	AUD	ORD	79,728	79,728
BlackRock Investment Management (UK) Limited	05-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,201,041	1,201,041
BlackRock Investment Management (Australia) Limited	06-Dec-19	yes	8.09	on mkt buy	AUD	ORD	8,024	8,024
BlackRock Advisors (UK) Limited	06-Dec-19	yes	8.09	on mkt buy	AUD	ORD	3,903	3,903
BlackRock Fund Advisors	06-Dec-19	no	n/a	in specie	AUD	ORD	152	152
BlackRock Advisors (UK) Limited	06-Dec-19	no	n/a	collateral transfer	AUD	ORD	55,762	55,762
BlackRock Asset Management North Asia Limited	06-Dec-19	no	n/a	collateral transfer	AUD	ORD	4	4
BlackRock Investment Management (UK) Limited	09-Dec-19	no	n/a	in specie	AUD	ORD	7,548	7,548
BlackRock Investment Management, LLC	09-Dec-19	yes	8.19	on mkt buy	AUD	ORD	7,396	7,396
BlackRock Investment Management (Australia) Limited	09-Dec-19	yes	8.23	on mkt buy	AUD	ORD	20,060	20,060
BlackRock Institutional Trust Company, National Association	09-Dec-19	yes	8.23	on mkt buy	AUD	ORD	7,521	7,521
BlackRock Fund Advisors	09-Dec-19	no	n/a	in specie	AUD	ORD	924	924
BLACKROCK ADVISORS, LLC	09-Dec-19	no	n/a	collateral transfer	AUD	ORD	6,547	6,547
BlackRock Advisors (UK) Limited	09-Dec-19	no	n/a	collateral transfer	AUD	ORD	116,021	116,021
BLACKROCK FINANCIAL MANAGEMENT, INC.	09-Dec-19	no	n/a	collateral transfer	AUD	ORD	63,056	63,056
BlackRock Investment Management, LLC	09-Dec-19	no	n/a	collateral transfer	AUD	ORD	949,367	949,367
BlackRock Investment Management (UK) Limited	09-Dec-19	no	n/a	collateral transfer	AUD	ORD	467,715	467,715
BLACKROCK FINANCIAL MANAGEMENT, INC.	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	8,719	8,719
BlackRock Fund Advisors	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	3,158	3,158
BlackRock Investment Management (UK) Limited	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	4,283	4,283
BLACKROCK ADVISORS, LLC	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	14,264	14,264
BlackRock Institutional Trust Company, National Association	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	3,994	3,994
BLACKROCK ADVISORS, LLC	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	5,178	5,178
BlackRock International Limited	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	1,749	1,749
BLACKROCK FINANCIAL MANAGEMENT, INC.	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	7,461	7,461
BlackRock Investment Management, LLC	10-Dec-19	yes	8.13	on mkt buy	AUD	ORD	3,176	3,176
BlackRock Investment Management (Australia) Limited	10-Dec-19	yes	8.12	on mkt buy	AUD	ORD	24,072	24,072
BlackRock Advisors (UK) Limited	10-Dec-19	yes	8.12	on mkt buy	AUD	ORD	247	247

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	10-Dec-19	yes	8.12	on mkt buy	AUD	ORD	11,394	11,394
BlackRock Advisors (UK) Limited	10-Dec-19	no	n/a	collateral transfer	AUD	ORD	159	159
BlackRock Advisors (UK) Limited	11-Dec-19	yes	8.18	on mkt buy	AUD	ORD	2,340	2,340
BlackRock Advisors (UK) Limited	11-Dec-19	yes	8.18	on mkt buy	AUD	ORD	3,120	3,120
BlackRock Advisors (UK) Limited	11-Dec-19	yes	8.18	on mkt buy	AUD	ORD	2,187	2,187
BlackRock Advisors (UK) Limited	11-Dec-19	yes	8.18	on mkt buy	AUD	ORD	2,187	2,187
BlackRock Investment Management (Australia) Limited	11-Dec-19	yes	8.18	on mkt buy	AUD	ORD	62,428	62,428
BlackRock Japan Co., Ltd.	11-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,540,580	1,540,580
BlackRock Investment Management (Australia) Limited	12-Dec-19	no	n/a	in specie	AUD	ORD	85,799	85,799
BlackRock Investment Management (Australia) Limited	12-Dec-19	yes	8.20	on mkt buy	AUD	ORD	26,078	26,078
BlackRock Advisors (UK) Limited	12-Dec-19	yes	8.20	on mkt buy	AUD	ORD	81,263	81,263
BlackRock Advisors (UK) Limited	12-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,904,642	1,904,642
BlackRock Investment Management (UK) Limited	12-Dec-19	no	n/a	collateral transfer	AUD	ORD	29,576	29,576
BlackRock Advisors (UK) Limited	13-Dec-19	yes	8.25	on mkt buy	AUD	ORD	7,806	7,806
BlackRock Advisors (UK) Limited	13-Dec-19	yes	8.25	on mkt buy	AUD	ORD	3,900	3,900
BlackRock Advisors (UK) Limited	13-Dec-19	yes	8.25	on mkt buy	AUD	ORD	4,290	4,290
BlackRock Fund Advisors	13-Dec-19	no	n/a	in specie	AUD	ORD	3,708	3,708
BLACKROCK ADVISORS, LLC	13-Dec-19	no	n/a	collateral transfer	AUD	ORD	23,540	23,540
BLACKROCK FINANCIAL MANAGEMENT, INC.	13-Dec-19	no	n/a	collateral transfer	AUD	ORD	66,522	66,522
BlackRock Investment Management, LLC	13-Dec-19	no	n/a	collateral transfer	AUD	ORD	973,801	973,801
BlackRock Investment Management (UK) Limited	13-Dec-19	no	n/a	collateral transfer	AUD	ORD	512,597	512,597
BlackRock Advisors (UK) Limited	16-Dec-19	yes	8.45	on mkt buy	AUD	ORD	3,903	3,903
BlackRock Asset Management Canada Limited	16-Dec-19	yes	8.44	on mkt buy	AUD	ORD	15,039	15,039
BlackRock Fund Advisors	16-Dec-19	yes	8.44	on mkt buy	AUD	ORD	27,357	27,357
BlackRock Fund Advisors	16-Dec-19	no	n/a	in specie	AUD	ORD	938	938
BlackRock Japan Co., Ltd.	16-Dec-19	no	n/a	collateral transfer	AUD	ORD	285,049	285,049
BLACKROCK FINANCIAL MANAGEMENT, INC.	16-Dec-19	no	n/a	collateral transfer	AUD	ORD	909	909
BlackRock Investment Management, LLC	16-Dec-19	no	n/a	collateral transfer	AUD	ORD	29,949	29,949
BlackRock Investment Management (UK) Limited	16-Dec-19	no	n/a	collateral transfer	AUD	ORD	131,454	131,454
BlackRock Investment Management (Australia) Limited	17-Dec-19	yes	8.40	on mkt buy	AUD	ORD	646	646
BlackRock Investment Management (Australia) Limited	17-Dec-19	yes	8.40	on mkt buy	AUD	ORD	20,060	20,060
BlackRock Advisors (UK) Limited	17-Dec-19	yes	8.40	on mkt buy	AUD	ORD	248	248
BlackRock Institutional Trust Company, National Association	17-Dec-19	yes	8.40	on mkt buy	AUD	ORD	210,403	210,403
BlackRock Asset Management Canada Limited	17-Dec-19	yes	8.40	on mkt buy	AUD	ORD	15,410	15,410
BlackRock Fund Advisors	17-Dec-19	no	n/a	in specie	AUD	ORD	3,544	3,544
BlackRock Advisors (UK) Limited	17-Dec-19	no	n/a	collateral transfer	AUD	ORD	379,365	379,365
BLACKROCK FINANCIAL MANAGEMENT, INC.	17-Dec-19	no	n/a	collateral transfer	AUD	ORD	9,514	9,514
BlackRock Investment Management, LLC	17-Dec-19	no	n/a	collateral transfer	AUD	ORD	197,946	197,946
BlackRock Fund Advisors	18-Dec-19	no	n/a	in specie	AUD	ORD	19,920	19,920
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.49	on mkt buy	AUD	ORD	3,903	3,903
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.49	on mkt buy	AUD	ORD	31,224	31,224
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.49	on mkt buy	AUD	ORD	31,224	31,224
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.49	on mkt buy	AUD	ORD	1,138	1,138
BlackRock Advisors (UK) Limited	18-Dec-19	yes	8.49	on mkt buy	AUD	ORD	247	247
BlackRock Fund Advisors	18-Dec-19	no	n/a	in specie	AUD	ORD	938	938
BLACKROCK ADVISORS, LLC	18-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,170	1,170
BlackRock Investment Management (UK) Limited	18-Dec-19	no	n/a	collateral transfer	AUD	ORD	97,222	97,222
BlackRock Advisors (UK) Limited	19-Dec-19	yes	8.41	on mkt buy	AUD	ORD	766	766
BlackRock Institutional Trust Company, National Association	19-Dec-19	yes	8.41	on mkt buy	AUD	ORD	36,450	36,450

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Japan Co., Ltd.	19-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,540,560	1,540,560
BlackRock Advisors (UK) Limited	19-Dec-19	no	n/a	collateral transfer	AUD	ORD	79,742	79,742
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	6,862	6,862
BlackRock Fund Advisors	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	1,952	1,952
BlackRock Investment Management (UK) Limited	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	1,422	1,422
BLACKROCK ADVISORS, LLC	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	12,581	12,581
BlackRock Institutional Trust Company, National Association	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	2,567	2,567
BLACKROCK ADVISORS, LLC	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	2,910	2,910
BlackRock International Limited	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	1,279	1,279
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	4,322	4,322
BlackRock Investment Management, LLC	20-Dec-19	yes	8.40	on mkt buy	AUD	ORD	1,554	1,554
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	7,808	7,808
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	6,015	6,015
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	1,552	1,552
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	1,528	1,528
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	2,292	2,292
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	3,608	3,608
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	10,817	10,817
BlackRock Investment Management (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	9,764	9,764
BlackRock Investment Management (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	3,254	3,254
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	14,510	14,510
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	4,839	4,839
BlackRock Investment Management (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	6,340	6,340
BlackRock Investment Management (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	19,015	19,015
BlackRock Fund Advisors	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	12,874	12,874
BlackRock Fund Advisors	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	4,293	4,293
BlackRock Fund Advisors	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	2,905	2,905
BlackRock Fund Advisors	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	8,717	8,717
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	5,756	5,756
BlackRock Advisors (UK) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	1,917	1,917
BlackRock Institutional Trust Company, National Association	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	4,945	4,945
BlackRock Institutional Trust Company, National Association	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	14,830	14,830
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	2,015	2,015
BlackRock Investment Management (Australia) Limited	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	6,050	6,050
BlackRock Fund Advisors	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	3,578	3,578
BlackRock Fund Advisors	20-Dec-19	yes	8.37	on mkt buy	AUD	ORD	10,735	10,735
BlackRock Advisors (UK) Limited	20-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,509,260	1,509,260
BlackRock Advisors (UK) Limited	23-Dec-19	yes	8.31	on mkt buy	AUD	ORD	4,773	4,773
BlackRock Fund Advisors	23-Dec-19	no	n/a	in specie	AUD	ORD	3,608	3,608
BlackRock Fund Advisors	23-Dec-19	no	n/a	in specie	AUD	ORD	2,345	2,345
BlackRock Japan Co., Ltd.	23-Dec-19	no	n/a	collateral transfer	AUD	ORD	134,120	134,120
BlackRock Fund Advisors	24-Dec-19	no	n/a	in specie	AUD	ORD	32,660	32,660
BlackRock Fund Advisors	24-Dec-19	no	n/a	in specie	AUD	ORD	30,234	30,234
BlackRock Investment Management (Australia) Limited	24-Dec-19	yes	8.35	on mkt buy	AUD	ORD	4,012	4,012
BlackRock Fund Advisors	24-Dec-19	yes	8.35	on mkt buy	AUD	ORD	7,188	7,188
BlackRock Japan Co., Ltd.	24-Dec-19	no	n/a	collateral transfer	AUD	ORD	100,850	100,850
BlackRock Advisors (UK) Limited	24-Dec-19	no	n/a	collateral transfer	AUD	ORD	53,771	53,771
BlackRock Investment Management (UK) Limited	24-Dec-19	no	n/a	collateral transfer	AUD	ORD	4,436	4,436
BlackRock Advisors (UK) Limited	26-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,773,110	1,773,110
BlackRock Investment Management (UK) Limited	26-Dec-19	no	n/a	collateral transfer	AUD	ORD	4,436	4,436

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	27-Dec-19	yes	8.36	on mkt buy	AUD	ORD	12,036	12,036
BlackRock Institutional Trust Company, National Association	27-Dec-19	yes	8.36	on mkt buy	AUD	ORD	7,510	7,510
BlackRock Advisors (UK) Limited	27-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,782,825	1,782,825
BlackRock Investment Management, LLC	27-Dec-19	no	n/a	collateral transfer	AUD	ORD	109,458	109,458
BlackRock Investment Management (UK) Limited	27-Dec-19	no	n/a	collateral transfer	AUD	ORD	40,533	40,533
BlackRock Advisors (UK) Limited	30-Dec-19	yes	8.32	on mkt buy	AUD	ORD	61	61
BlackRock Advisors (UK) Limited	30-Dec-19	yes	8.35	on mkt buy	AUD	ORD	3,904	3,904
BlackRock Advisors (UK) Limited	30-Dec-19	yes	8.35	on mkt buy	AUD	ORD	690	690
BlackRock Fund Advisors	30-Dec-19	no	n/a	in specie	AUD	ORD	924	924
BlackRock Investment Management, LLC	30-Dec-19	no	n/a	collateral transfer	AUD	ORD	15,175	15,175
BlackRock Investment Management (UK) Limited	30-Dec-19	no	n/a	collateral transfer	AUD	ORD	241,940	241,940
BlackRock Advisors (UK) Limited	31-Dec-19	yes	8.18	on mkt buy	AUD	ORD	344	344
BlackRock Advisors (UK) Limited	31-Dec-19	yes	8.18	on mkt buy	AUD	ORD	2,316	2,316
BlackRock Investment Management (UK) Limited	31-Dec-19	yes	8.18	on mkt buy	AUD	ORD	23,141	23,141
BlackRock Japan Co., Ltd.	31-Dec-19	no	n/a	collateral transfer	AUD	ORD	1,607,906	1,607,906
BlackRock Investment Management (Australia) Limited	02-Jan-20	yes	8.22	on mkt buy	AUD	ORD	18,054	18,054
BlackRock Investment Management (Australia) Limited	02-Jan-20	yes	8.22	on mkt buy	AUD	ORD	4,012	4,012
BlackRock Fund Advisors	02-Jan-20	no	n/a	in specie	AUD	ORD	693	693
BlackRock Advisors (UK) Limited	02-Jan-20	no	n/a	collateral transfer	AUD	ORD	3,669,107	3,669,107
BlackRock Advisors (UK) Limited	03-Jan-20	yes	8.41	on mkt buy	AUD	ORD	4,777	4,777
BlackRock Advisors (UK) Limited	03-Jan-20	yes	8.41	on mkt buy	AUD	ORD	344	344
BlackRock Advisors (UK) Limited	03-Jan-20	yes	8.41	on mkt buy	AUD	ORD	768	768
BlackRock Investment Management (UK) Limited	03-Jan-20	no	n/a	collateral transfer	AUD	ORD	2,030,928	2,030,928
BlackRock Advisors (UK) Limited	06-Jan-20	yes	8.59	on mkt buy	AUD	ORD	3,904	3,904
BlackRock Investment Management, LLC	06-Jan-20	yes	8.59	on mkt buy	AUD	ORD	14,654	14,654
BlackRock Fund Advisors	06-Jan-20	no	n/a	in specie	AUD	ORD	3,647	3,647
BlackRock Advisors (UK) Limited	06-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,610,264	1,610,264
BlackRock Investment Management (UK) Limited	06-Jan-20	no	n/a	collateral transfer	AUD	ORD	279,320	279,320
BLACKROCK FINANCIAL MANAGEMENT, INC.	07-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,682,843	1,682,843
BlackRock Investment Management (UK) Limited	08-Jan-20	yes	8.98	on mkt buy	AUD	ORD	13,656	13,656
BlackRock Investment Management (Australia) Limited	08-Jan-20	yes	8.89	on mkt buy	AUD	ORD	322	322
BlackRock Fund Advisors	08-Jan-20	no	n/a	in specie	AUD	ORD	10,240	10,240
BlackRock Fund Advisors	08-Jan-20	no	n/a	in specie	AUD	ORD	1,407	1,407
BlackRock Fund Advisors	08-Jan-20	no	n/a	in specie	AUD	ORD	7,294	7,294
BlackRock Advisors (UK) Limited	08-Jan-20	no	n/a	collateral transfer	AUD	ORD	280,980	280,980
BlackRock Advisors (UK) Limited	09-Jan-20	yes	8.87	on mkt buy	AUD	ORD	18,057	18,057
BlackRock Fund Advisors	09-Jan-20	no	n/a	in specie	AUD	ORD	14,588	14,588
BlackRock Japan Co., Ltd.	09-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,798,040	1,798,040
BlackRock Advisors (UK) Limited	10-Jan-20	yes	8.88	on mkt buy	AUD	ORD	3,912	3,912
BlackRock Fund Advisors	10-Jan-20	no	n/a	in specie	AUD	ORD	231	231
BLACKROCK FINANCIAL MANAGEMENT, INC.	10-Jan-20	no	n/a	collateral transfer	AUD	ORD	276,075	276,075
BlackRock Investment Management (UK) Limited	10-Jan-20	no	n/a	collateral transfer	AUD	ORD	10,680	10,680
BlackRock Investment Management (Australia) Limited	13-Jan-20	yes	8.83	on mkt buy	AUD	ORD	94,235	94,235
BlackRock Advisors (UK) Limited	13-Jan-20	yes	8.83	on mkt buy	AUD	ORD	247	247
BlackRock Fund Advisors	13-Jan-20	no	n/a	in specie	AUD	ORD	462	462
BlackRock Fund Advisors	13-Jan-20	no	n/a	in specie	AUD	ORD	924	924
BlackRock Japan Co., Ltd.	13-Jan-20	no	n/a	collateral transfer	AUD	ORD	223,965	223,965
BlackRock Advisors (UK) Limited	13-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,669,624	1,669,624
BlackRock Investment Management, LLC	13-Jan-20	no	n/a	collateral transfer	AUD	ORD	23,069	23,069

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	13-Jan-20	no	n/a	collateral transfer	AUD	ORD	97,204	97,204
BlackRock Fund Advisors	14-Jan-20	no	n/a	in specie	AUD	ORD	4,614	4,614
BLACKROCK FINANCIAL MANAGEMENT, INC.	14-Jan-20	yes	8.79	on mkt buy	AUD	ORD	1,285	1,285
BlackRock Investment Management (Australia) Limited	14-Jan-20	yes	8.91	on mkt buy	AUD	ORD	10,025	10,025
BlackRock Investment Management (Australia) Limited	14-Jan-20	yes	8.91	on mkt buy	AUD	ORD	969	969
BlackRock Advisors (UK) Limited	14-Jan-20	yes	8.91	on mkt buy	AUD	ORD	8,470	8,470
BlackRock Advisors (UK) Limited	14-Jan-20	yes	8.91	on mkt buy	AUD	ORD	494	494
BlackRock Institutional Trust Company, National Association	14-Jan-20	yes	8.91	on mkt buy	AUD	ORD	69,172	69,172
BlackRock Investment Management (UK) Limited	14-Jan-20	no	n/a	collateral transfer	AUD	ORD	111,363	111,363
BlackRock Investment Management (UK) Limited	15-Jan-20	no	n/a	in specie	AUD	ORD	106,671	106,671
BlackRock Investment Management (Australia) Limited	15-Jan-20	yes	9.00	on mkt buy	AUD	ORD	38,095	38,095
BlackRock Japan Co., Ltd.	15-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,798,030	1,798,030
BLACKROCK FINANCIAL MANAGEMENT, INC.	15-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,698,042	1,698,042
BlackRock Fund Advisors	16-Jan-20	no	n/a	in specie	AUD	ORD	9,709	9,709
BlackRock Investment Management (Australia) Limited	16-Jan-20	yes	8.89	on mkt buy	AUD	ORD	20,050	20,050
BlackRock Advisors (UK) Limited	16-Jan-20	yes	8.89	on mkt buy	AUD	ORD	1,167	1,167
BlackRock Fund Advisors	16-Jan-20	no	n/a	in specie	AUD	ORD	6,132	6,132
BlackRock Advisors (UK) Limited	16-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,747,809	1,747,809
BlackRock Advisors (UK) Limited	17-Jan-20	yes	8.82	on mkt buy	AUD	ORD	1,032	1,032
BlackRock Advisors (UK) Limited	17-Jan-20	yes	8.82	on mkt buy	AUD	ORD	2,723	2,723
BlackRock Japan Co., Ltd.	17-Jan-20	no	n/a	collateral transfer	AUD	ORD	322,193	322,193
BlackRock Japan Co., Ltd.	20-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,798,040	1,798,040
BlackRock Advisors (UK) Limited	20-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,903,310	1,903,310
BlackRock Investment Management (UK) Limited	20-Jan-20	no	n/a	collateral transfer	AUD	ORD	6,860	6,860
BlackRock Advisors (UK) Limited	21-Jan-20	yes	8.88	on mkt buy	AUD	ORD	122	122
BlackRock Advisors (UK) Limited	21-Jan-20	yes	8.88	on mkt buy	AUD	ORD	814	814
BlackRock Advisors (UK) Limited	21-Jan-20	yes	8.88	on mkt buy	AUD	ORD	2,328	2,328
BlackRock Institutional Trust Company, National Association	21-Jan-20	yes	8.88	on mkt buy	AUD	ORD	61,535	61,535
BlackRock Fund Advisors	21-Jan-20	no	n/a	in specie	AUD	ORD	456	456
BlackRock Fund Advisors	22-Jan-20	no	n/a	in specie	AUD	ORD	14,820	14,820
BlackRock Investment Management (Australia) Limited	22-Jan-20	yes	8.94	on mkt buy	AUD	ORD	7,848	7,848
BlackRock Investment Management (Australia) Limited	22-Jan-20	yes	8.94	on mkt buy	AUD	ORD	4,324	4,324
BlackRock Investment Management (Australia) Limited	22-Jan-20	yes	8.95	on mkt buy	AUD	ORD	40,100	40,100
BlackRock Asset Management Canada Limited	22-Jan-20	yes	8.95	on mkt buy	AUD	ORD	10,833	10,833
BlackRock Advisors (UK) Limited	22-Jan-20	no	n/a	collateral transfer	AUD	ORD	341,480	341,480
BLACKROCK FINANCIAL MANAGEMENT, INC.	22-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,625,567	1,625,567
BlackRock Investment Management (UK) Limited	22-Jan-20	no	n/a	collateral transfer	AUD	ORD	141,735	141,735
BlackRock Advisors (UK) Limited	23-Jan-20	yes	8.82	on mkt buy	AUD	ORD	245	245
BlackRock Japan Co., Ltd.	23-Jan-20	no	n/a	collateral transfer	AUD	ORD	223,243	223,243
BlackRock Investment Management, LLC	23-Jan-20	no	n/a	collateral transfer	AUD	ORD	265,217	265,217
BlackRock Investment Management (Australia) Limited	24-Jan-20	yes	8.84	on mkt buy	AUD	ORD	20,050	20,050
BlackRock Advisors (UK) Limited	24-Jan-20	yes	8.84	on mkt buy	AUD	ORD	2,723	2,723
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD	42,420	42,420
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD	49,490	49,490
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD	70,700	70,700
BlackRock Fund Advisors	24-Jan-20	no	n/a	in specie	AUD	ORD	8,229	8,229
BLACKROCK FINANCIAL MANAGEMENT, INC.	24-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,306,689	1,306,689

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	24-Jan-20	no	n/a	collateral transfer	AUD	ORD	40,433	40,433
BlackRock Advisors (UK) Limited	27-Jan-20	no	n/a	collateral transfer	AUD	ORD	702,550	702,550
BlackRock Investment Management, LLC	27-Jan-20	no	n/a	collateral transfer	AUD	ORD	23	23
BlackRock Investment Management (UK) Limited	27-Jan-20	no	n/a	collateral transfer	AUD	ORD	38,201	38,201
BlackRock Fund Advisors	28-Jan-20	no	n/a	in specie	AUD	ORD	12,590	12,590
BlackRock Fund Advisors	28-Jan-20	no	n/a	in specie	AUD	ORD	17,040	17,040
BlackRock Advisors (UK) Limited	28-Jan-20	no	n/a	collateral transfer	AUD	ORD	444,473	444,473
BlackRock Investment Management, LLC	28-Jan-20	no	n/a	collateral transfer	AUD	ORD	251	251
BlackRock Fund Advisors	29-Jan-20	no	n/a	in specie	AUD	ORD	21,300	21,300
BlackRock Investment Management (Australia) Limited	29-Jan-20	yes	8.71	on mkt buy	AUD	ORD	84,852	84,852
BlackRock Investment Management (Australia) Limited	29-Jan-20	yes	8.71	on mkt buy	AUD	ORD	1,571	1,571
BlackRock Investment Management (Australia) Limited	29-Jan-20	yes	8.71	on mkt buy	AUD	ORD	242,062	242,062
BlackRock Investment Management (Australia) Limited	29-Jan-20	yes	8.66	on mkt buy	AUD	ORD	4,010	4,010
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.66	on mkt buy	AUD	ORD	3,904	3,904
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.66	on mkt buy	AUD	ORD	11,712	11,712
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.66	on mkt buy	AUD	ORD	6,018	6,018
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.66	on mkt buy	AUD	ORD	2,863	2,863
BlackRock Advisors (UK) Limited	29-Jan-20	yes	8.66	on mkt buy	AUD	ORD	1,008	1,008
BlackRock Fund Advisors	29-Jan-20	no	n/a	in specie	AUD	ORD	21,300	21,300
BlackRock Advisors (UK) Limited	29-Jan-20	no	n/a	collateral transfer	AUD	ORD	1,940,792	1,940,792
BlackRock Fund Advisors	30-Jan-20	no	n/a	in specie	AUD	ORD	21,300	21,300
BlackRock Advisors (UK) Limited	30-Jan-20	yes	8.61	on mkt buy	AUD	ORD	78,240	78,240
BlackRock Fund Advisors	30-Jan-20	no	n/a	in specie	AUD	ORD	38,340	38,340
BlackRock Investment Management (UK) Limited	30-Jan-20	yes	8.69	on mkt buy	AUD	ORD	120,234	120,234
BlackRock Investment Management (UK) Limited	30-Jan-20	no	n/a	collateral transfer	AUD	ORD	1	1
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD	4,094	4,094
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD	9,574	9,574
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD	31,333	31,333
BlackRock Institutional Trust Company, National Association	31-Jan-20	no	n/a	in specie	AUD	ORD	13,411	13,411
BlackRock Investment Management (Australia) Limited	31-Jan-20	yes	8.71	on mkt buy	AUD	ORD	8,253	8,253
BlackRock Advisors (UK) Limited	31-Jan-20	yes	8.69	on mkt buy	AUD	ORD	12,036	12,036
BlackRock Advisors (UK) Limited	31-Jan-20	yes	8.69	on mkt buy	AUD	ORD	24,072	24,072
BlackRock Advisors (UK) Limited	31-Jan-20	yes	8.69	on mkt buy	AUD	ORD	2,187	2,187
BlackRock Advisors (UK) Limited	31-Jan-20	yes	8.69	on mkt buy	AUD	ORD	741	741
BlackRock Institutional Trust Company, National Association	31-Jan-20	yes	8.69	on mkt buy	AUD	ORD	1,698	1,698
BlackRock Institutional Trust Company, National Association	31-Jan-20	yes	8.69	on mkt buy	AUD	ORD	81,992	81,992
BlackRock Advisors (UK) Limited	03-Feb-20	yes	8.40	on mkt buy	AUD	ORD	4,850	4,850
BlackRock Investment Management (Australia) Limited	03-Feb-20	yes	8.25	on mkt buy	AUD	ORD	12,030	12,030
BlackRock Advisors (UK) Limited	03-Feb-20	yes	8.25	on mkt buy	AUD	ORD	2,328	2,328
BlackRock Advisors (UK) Limited	03-Feb-20	yes	8.25	on mkt buy	AUD	ORD	2,712	2,712
BlackRock Japan Co., Ltd.	03-Feb-20	no	n/a	collateral transfer	AUD	ORD	62,506	62,506
BlackRock Advisors (UK) Limited	03-Feb-20	no	n/a	collateral transfer	AUD	ORD	13,626	13,626
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	12,984	12,984
BlackRock Investment Management (Australia) Limited	04-Feb-20	yes	8.25	on mkt buy	AUD	ORD	18,045	18,045
BlackRock Investment Management (Australia) Limited	04-Feb-20	yes	8.25	on mkt buy	AUD	ORD	8,020	8,020
BlackRock Advisors (UK) Limited	04-Feb-20	yes	8.25	on mkt buy	AUD	ORD	13,434	13,434
BlackRock Institutional Trust Company, National Association	04-Feb-20	yes	8.25	on mkt buy	AUD	ORD	72,414	72,414
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	1,334	1,334
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	693	693
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	12,800	12,800

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	04-Feb-20	no	n/a	in specie	AUD	ORD	21,504	21,504
BlackRock Fund Advisors	04-Feb-20	no	n/a	in specie	AUD	ORD	20,480	20,480
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	36,847	36,847
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	11,619	11,619
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	52,034	52,034
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	41,543	41,543
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	13,991	13,991
BlackRock Investment Management (Australia) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	38,069	38,069
BlackRock Advisors (UK) Limited	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	408	408
BlackRock Institutional Trust Company, National Association	05-Feb-20	yes	8.26	on mkt buy	AUD	ORD	145,386	145,386
BlackRock Fund Advisors	05-Feb-20	no	n/a	in specie	AUD	ORD	14,588	14,588
BlackRock Japan Co., Ltd.	05-Feb-20	no	n/a	collateral transfer	AUD	ORD	193,749	193,749
BlackRock Investment Management (UK) Limited	06-Feb-20	no	n/a	collateral transfer	AUD	ORD	1	1
BlackRock Fund Advisors	07-Feb-20	no	n/a	in specie	AUD	ORD	42,600	42,600
BlackRock Advisors (UK) Limited	07-Feb-20	yes	8.24	on mkt buy	AUD	ORD	24,076	24,076
BlackRock Investment Management (Australia) Limited	07-Feb-20	yes	8.24	on mkt buy	AUD	ORD	8,020	8,020
BlackRock Japan Co., Ltd.	07-Feb-20	no	n/a	collateral transfer	AUD	ORD	1,515,288	1,515,288
BlackRock Institutional Trust Company, National Association	10-Feb-20	no	n/a	in specie	AUD	ORD	63,715	63,715
BlackRock Investment Management (Australia) Limited	10-Feb-20	yes	8.21	on mkt buy	AUD	ORD	18,045	18,045
BlackRock Advisors (UK) Limited	10-Feb-20	yes	8.21	on mkt buy	AUD	ORD	1,950	1,950
BlackRock Fund Advisors	10-Feb-20	no	n/a	in specie	AUD	ORD	2,001	2,001
BlackRock Advisors (UK) Limited	10-Feb-20	no	n/a	collateral transfer	AUD	ORD	2,669,129	2,669,129
BlackRock Investment Management (UK) Limited	10-Feb-20	no	n/a	collateral transfer	AUD	ORD	16,526	16,526
BlackRock Fund Advisors	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	2,095	2,095
BlackRock Investment Management (UK) Limited	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	1,831	1,831
BLACKROCK ADVISORS, LLC	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	9,651	9,651
BlackRock Institutional Trust Company, National Association	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	3,029	3,029
BLACKROCK ADVISORS, LLC	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	2,975	2,975
BLACKROCK FINANCIAL MANAGEMENT, INC.	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	3,433	3,433
BlackRock Investment Management, LLC	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	1,286	1,286
BlackRock Advisors (UK) Limited	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	15,652	15,652
BlackRock Advisors (UK) Limited	11-Feb-20	yes	8.27	on mkt buy	AUD	ORD	345	345
BlackRock Investment Management (UK) Limited	12-Feb-20	yes	8.31	on mkt buy	AUD	ORD	27,188	27,188
BlackRock Advisors (UK) Limited	12-Feb-20	yes	8.26	on mkt buy	AUD	ORD	45,766	45,766
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	8.20	on mkt buy	AUD	ORD	8,967	8,967
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	8.20	on mkt buy	AUD	ORD	1,110	1,110
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	8.20	on mkt buy	AUD	ORD	12,243	12,243
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	8.20	on mkt buy	AUD	ORD	3,434	3,434
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	8.20	on mkt buy	AUD	ORD	8,465	8,465
BlackRock Fund Advisors	12-Feb-20	no	n/a	in specie	AUD	ORD	15,358	15,358
BlackRock Fund Advisors	12-Feb-20	no	n/a	in specie	AUD	ORD	18,473	18,473
BlackRock Investment Management (Australia) Limited	12-Feb-20	yes	8.13	on mkt buy	AUD	ORD	323	323
BlackRock Advisors (UK) Limited	12-Feb-20	yes	8.13	on mkt buy	AUD	ORD	344	344
BlackRock Advisors (UK) Limited	12-Feb-20	yes	8.13	on mkt buy	AUD	ORD	344	344
BlackRock Advisors (UK) Limited	12-Feb-20	yes	8.13	on mkt buy	AUD	ORD	482	482
BlackRock Japan Co., Ltd.	12-Feb-20	no	n/a	collateral transfer	AUD	ORD	13,561	13,561
BlackRock Investment Management, LLC	12-Feb-20	no	n/a	collateral transfer	AUD	ORD	369,315	369,315
BlackRock Investment Management (UK) Limited	12-Feb-20	no	n/a	collateral transfer	AUD	ORD	977,039	977,039



Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Asset Management North Asia Limited	12-Feb-20	no	n/a	collateral transfer	AUD	ORD	85,758	85,758
BlackRock Advisors (UK) Limited	13-Feb-20	yes	8.23	on mkt buy	AUD	ORD	3,913	3,913
BlackRock Advisors (UK) Limited	13-Feb-20	yes	8.23	on mkt buy	AUD	ORD	3,913	3,913
BlackRock Advisors (UK) Limited	13-Feb-20	no	n/a	collateral transfer	AUD	ORD	1,733,200	1,733,200
BlackRock Investment Management (Australia) Limited	14-Feb-20	yes	8.19	on mkt buy	AUD	ORD	18,045	18,045
BlackRock Advisors (UK) Limited	14-Feb-20	yes	8.19	on mkt buy	AUD	ORD	12,046	12,046
BlackRock Advisors (UK) Limited	14-Feb-20	no	n/a	in specie	AUD	ORD	1,985,038	1,985,038
BlackRock Investment Management (UK) Limited	14-Feb-20	no	n/a	collateral transfer	AUD	ORD	868,061	868,061

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

19-Feb-20

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

**Date**

### 7. Addresses

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

Name	Address
<b>BlackRock Group</b>	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock (Singapore) Limited	20 Anson Road #18-01 079912 Singapore
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management North Asia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BlackRock Capital Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Financial Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom)
BlackRock Investment Management (Australia) Limited	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)

This is Annexure D of 3 pages referred to in form 603 Notice of initial substantial shareholder

..... 19 – February- 2020 .....

Maria Tricarico, Authorised Signatory

Date

<b>Type of agreement:</b>	Global Master Securities Lending Agreement, Overseas Securities Lending Agreement or Master Securities Lending Agreement.
<b>Parties to agreement:</b>	The relevant counterparty as described in the lists of Securities Lending Agreements entered into by BlackRock Advisors Limited and BlackRock Institutional Trust Corporation, N.A., respectively, on the following page.
<b>Transfer date:</b>	The date of the relevant transaction identified as a collateral transfer referred to in Annexure B
<b>Holder of voting rights:</b>	The Borrower.
<b>Are there any restrictions on voting rights?</b> If yes, detail	Yes. Collateral is held through a tripartite structure under which the triparty collateral manager will not act in respect of voting rights unless it receives instructions to do so from the Borrower.
<b>Scheduled return date (if any):</b>	The date of the relevant transaction referred to in Annexure B
<b>Does the borrower have the right to return early?</b> If yes, detail	Yes. The Borrower is entitled to substitute existing collateral with other equities at any time.
<b>Does the lender have the right to recall early?</b> If yes, detail	Yes, at notice.
<b>Will the securities be returned on settlement?</b> If yes, detail any exceptions	Yes.

A copy of the relevant agreement will be provided to SANTOS LIMITED or the Australian Securities and Investments Commission upon request.

## Securities Lending Agreements

Agreements entered into between BlackRock Advisors Limited and each of the following counterparties:

- (a) Bank of Nova Scotia, London Branch **GMSLA, 25 August 2011**
- (b) Barclays Bank plc **GMSLA, 9 April 2104**
- (c) Barclays Capital Securities Limited **GMSLA, 2 December 2012**
- (d) BNP Paribas Arbitrage **GMSLA, 30 May 2013**
- (e) BNP Paribas **GMSLA, 8 May 2007**
- (f) Citigroup Global Markets Limited **GMSLA, 18 January 2007**
- (g) Commerzbank AG **OSLA, 17 July 2002**
- (h) Credit Suisse AG, Dublin Branch **GMSLA, 28 September 2015**
- (i) Credit Suisse International **GMSLA, 10 March 2014**
- (j) Credit Suisse Securities (Europe) Limited **GMSLA, 26 August 2015**
- (k) Deutsche Bank AG, London Branch **GMSLA, 25 August 2017**
- (l) Goldman Sachs International **OSLA, 3 July 2001**
- (m) HSBC Bank plc **GMSLA, 27 October 2016**
- (n) ING Bank N.V. **GMSLA, 12 November 2018** (not yet operationally active)
- (o) J.P. Morgan Securities plc **GMSLA, 12 July 2011**
- (p) Macquarie Bank Limited **GMSLA, 18 August 2014**
- (q) Merrill Lynch International **OSLA, 13 July 1999**
- (r) Morgan Stanley & Co International plc **OSLA, 8 September 1999**
- (s) Natixis SA **GMSLA, 29 January 2018**
- (t) Nomura International plc **GMSLA, 2 November 2011**
- (u) Royal Bank of Canada Europe Limited **GMSLA, 3 February 2017**
- (v) Royal Bank of Scotland plc (renamed to Natwest Markets Plc) **GMSLA, 1 April 2011**
- (w) Santander UK Plc **GMSLA, 25 January 2019** (not yet operationally active)
- (x) Skandinaviska Enskilda Banken AB **GMSLA, 4 February 2013**
- (y) Societe Generale **GMSLA, 27 January 2012**
- (z) UBS AG **GMSLA, 28 April 2016**
- (aa) UBS Europe SE **GMSLA, 1 February 2019**
- (bb) BAL/Banco Santander, S.A. **GMSLA, 30 April 2019**
- (cc) Canadian Imperial Bank of Commerce, London Branch **GMSLA, 21 June 2019**
- (dd) Zürcher Kantonalbank **GMSLA, 30 October 2019**

Agreements entered into by BlackRock Institutional Trust Corporation, N.A. and each of the following counterparties:

- (a) Bank of Nova Scotia **GMSLA, December 6, 2016**
- (b) Barclays Bank plc **GMSLA, April 24, 2017**
- (c) Barclays Capital Securities Limited **GMSLA, March 15, 2017**
- (d) BNP Paribas Arbitrage **GMSLA, June 5, 2017**
- (e) Citigroup Global Markets Limited **GMSLA, June 3, 2015**
- (f) Credit Suisse AG, Dublin Branch **GMSLA, October 14, 2015**
- (g) Credit Suisse Securities (Europe) Limited **GMSLA, October 2, 2015**
- (h) Deutsche Bank AG, London Branch **GMSLA, June 7, 2017**
- (i) Goldman Sachs International **OSLA April 1, 2004**
- (j) HSBC Bank plc **GMSLA, February 12, 2013**
- (k) J.P. Morgan Securities plc **GMSLA, October 4, 2016**
- (l) Macquarie Bank Limited **GMSLA, October 3, 2016**
- (m) Merrill Lynch International **GMSLA, February 19, 2014**
- (n) Morgan Stanley & Co International plc **OSLA, February 7, 2007**
- (o) Nomura International plc **GMSLA 03 August 2018 – not yet operational**
- (p) Societe Generale **GMSLA, September 28, 2016**
- (q) UBS AG **GMSLA, May 26, 2016**
- (r) UBS Europe SE **GMSLA, 1 February 2019**
- (s) The Hongkong and Shanghai Banking Corporation Limited **GMSLA, 22 February 2019**
- (t) RBC Europe Limited **GMSLA, 4 February 2019**
- (u) ING BANK N.V. **GMSLA, 27 February, 2019**

These counterparties do not pledge Australian equities:

- (a) Lloyds Bank plc
- (b) Merrill Lynch, Pierce, Fenner Smith Incorporated
- (c) Unicredit

These counterparties do not have any business with us anymore although may have done previously:

(a) Morgan Stanley Securities Limited (No Business) OSLA 15 March 1999

Royal Bank of Scotland N.V. **GMSLA, 12 October 2011 – No Business, superseded by Royal Bank of Scotland PLC**