

Form 603Corporations Act 2001
Section 671B**Notice of initial substantial holder**To Company Name/Scheme JAMES HARDIE INDUSTRIES PLCACN/ARSN 097 829 895**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 22 / 10 / 2021**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)
CDI 1:1	29,278,573	29,278,573	6.58
ADR 1:1	623,580	623,580	0.14

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 Kayla Mulvihill

capacity Authorised Signatory*

sign here

date 27 / 10 / 2021

* 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.

27-Oct-21

Date

**Kayla Mulvihill,
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	
APERIO GROUP 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.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ADR 1:1	602,951	602,951	subsidiary of BlackRock Inc.
APERIO GROUP 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.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		CDI 1:1	47,084	47,084	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		CDI 1:1	7,296	7,296	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		ADR 1:1	1,601	1,601	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		CDI 1:1	383,258	383,258	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 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		CDI 1:1	469,601	469,601	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		CDI 1:1	93,780	93,780	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		ADR 1:1	19,028	19,028	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		CDI 1:1	1,744,717	1,744,717	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		CDI 1:1	14,431	14,431	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.	BBH-BROWN BROTHERS HARRIMAN & CO		CDI 1:1	15,176	15,176	subsidiary of BlackRock Inc.
BlackRock Advisors, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-THE BANK OF NEW YORK		CDI 1:1	139,822	139,822	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		CDI 1:1	26,302	26,302	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		CDI 1:1	237,513	237,513	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 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-CIBC MELLON GLOBAL SECURITIES		CDI 1:1 164,052	164,052	subsidiary of BlackRock Inc.
BlackRock Asset Management Canada Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-THE BANK OF NEW YORK		CDI 1:1 106,026	106,026	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.	JPM-JP MORGAN CHASE		CDI 1:1 236,393	236,393	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		CDI 1:1 22,657	22,657	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		CDI 1:1 102,793	102,793	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		CDI 1:1 9,065	9,065	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		CDI 1:1 33,479	33,479	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.	CITI-CITIBANK, LONDON		CDI 1:1 8,623	8,623	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		CDI 1:1 11,413	11,413	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 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		CDI 1:1	41,656	41,656	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 CO.		CDI 1:1	16,357	16,357	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		CDI 1:1	9,670	9,670	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		CDI 1:1	2,185	2,185	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		CDI 1:1	67,149	67,149	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		CDI 1:1	22,370	22,370	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		CDI 1:1	6,585,467	6,585,467	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		CDI 1:1	618,018	618,018	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BOA-MERRILL LYNCH INTL PRIME BROKER		CDI 1:1	52,071	52,071	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.	CITI-CITIGROUP GLOBAL MARKETS PRIME BROKERAGE		CDI 1:1	23,648	23,648	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		CDI 1:1	54,216	54,216	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.	DB-DEUTSCHE BANK		CDI 1:1	3,663	3,663	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		CDI 1:1	6,897,808	6,897,808	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.	MS-MORGAN STANLEY & CO INC		CDI 1:1	5,233	5,233	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.		CDI 1:1	94,479	94,479	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		CDI 1:1	12,644	12,644	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		CDI 1:1	29,767	29,767	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		CDI 1:1	824	824	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	UBS-UBS		CDI 1:1	47,044	47,044	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		CDI 1:1	54,031	54,031	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		CDI 1:1	135,067	135,067	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.	BNP-BNP PARIBAS AUSTRALIA - COGENT		CDI 1:1	97,543	97,543	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.	CITI-Citigroup Australia		CDI 1:1	54,197	54,197	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		CDI 1:1	725,627	725,627	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		CDI 1:1	1,270,568	1,270,568	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		CDI 1:1	1,558,019	1,558,019	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		CDI 1:1	288,807	288,807	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	UBS-UBS		CDI 1:1	54,963	54,963	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		CDI 1:1	2,018	2,018	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNP-BNP Paribas Milan		CDI 1:1	22,925	22,925	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		CDI 1:1	814,197	814,197	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		CDI 1:1	214,226	214,226	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	CB-Caceis Bank Amsterdam		CDI 1:1	48,744	48,744	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	CB-CACEIS BANK LUXEMBOURG		CDI 1:1	2,669	2,669	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		CDI 1:1	749,390	749,390	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	CREDIT SUISSE (ZURICH)		CDI 1:1	40,773	40,773	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.	HSBC BANK MIDDLE EAST LIMITED		CDI 1:1	5,581	5,581	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		CDI 1:1	542,016	542,016	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		CDI 1:1	30,697	30,697	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-JPM CHASE - LONDON		CDI 1:1	18,774	18,774	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		CDI 1:1	11,435	11,435	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.	Northern Trust Luxembourg		CDI 1:1	21,120	21,120	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		CDI 1:1	648,817	648,817	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		CDI 1:1	52,931	52,931	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.	SSB-STATE STATE HONG KONG		CDI 1:1	18,356	18,356	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET BANK LUXEMBO		CDI 1:1	83,626	83,626	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 S.p.A		CDI 1:1	18,788	18,788	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		CDI 1:1	14,875	14,875	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		CDI 1:1	171,036	171,036	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		CDI 1:1	17,357	17,357	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		CDI 1:1	399,975	399,975	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		CDI 1:1	239,588	239,588	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		CDI 1:1	79,108	79,108	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 LUXEMBO		CDI 1:1	16,074	16,074	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association	
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET MUTUAL FUNDS		CDI 1:1	16,681	16,681	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		CDI 1:1	39,772	39,772	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		CDI 1:1	230,181	230,181	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-JPM CHASE - LONDON		CDI 1:1	127,873	127,873	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		CDI 1:1	37,224	37,224	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		CDI 1:1	4,391	4,391	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		CDI 1:1	19,457	19,457	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		CDI 1:1	1,821,326	1,821,326	subsidiary of BlackRock Inc.

This is Annexure B of 33 pages referred to in form 603 Notice of initial substantial shareholder

27-Oct-21

Kayla Mulvihill,
 Authorised Signatory

Date

5. Consideration

JAMES HARDIE INDUSTRIES PLC (JHX)

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	23-Jun-21	yes	46.50	on mkt buy	AUD	CDI 1:1	334	334
BlackRock Institutional Trust Company, National Association	23-Jun-21	yes	46.50	on mkt buy	AUD	CDI 1:1	148	148
BlackRock Investment Management, LLC	23-Jun-21	yes	46.50	on mkt buy	AUD	CDI 1:1	299	299
BlackRock Investment Management, LLC	23-Jun-21	yes	46.50	on mkt buy	AUD	CDI 1:1	1,386	1,386
BlackRock Advisors (UK) Limited	23-Jun-21	yes	46.41	on mkt buy	AUD	CDI 1:1	141	141
BlackRock Japan Co., Ltd.	23-Jun-21	no	n/a	collateral transfer	USD	ADR 1:1	5,264	5,264
APERIO GROUP LLC	23-Jun-21	no	n/a	in specie	USD	ADR 1:1	676	676
BlackRock Institutional Trust Company, National Association	24-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	448	448
BlackRock Institutional Trust Company, National Association	24-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	614	614
BlackRock Advisors, LLC	24-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	1,152	1,152
BlackRock Advisors, LLC	24-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	301	301
BlackRock Institutional Trust Company, National Association	24-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	5,111	5,111
BlackRock Institutional Trust Company, National Association	24-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	576	576
BLACKROCK FINANCIAL MANAGEMENT, INC.	24-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	377	377
BlackRock Asset Management Canada Limited	24-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	308	308
BlackRock Asset Management Canada Limited	24-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	1,195	1,195
BlackRock Institutional Trust Company, National Association	24-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	3,070	3,070
BlackRock Advisors (UK) Limited	24-Jun-21	yes	45.84	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	24-Jun-21	yes	45.84	on mkt buy	AUD	CDI 1:1	498	498
BlackRock Investment Management (UK) Limited	24-Jun-21	yes	45.84	on mkt buy	AUD	CDI 1:1	3,085	3,085
BLACKROCK FINANCIAL MANAGEMENT, INC.	24-Jun-21	yes	45.84	on mkt buy	AUD	CDI 1:1	1,984	1,984
BlackRock Advisors (UK) Limited	24-Jun-21	no	n/a	collateral transfer	USD	ADR 1:1	7	7
BlackRock Institutional Trust Company, National Association	25-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	86	86
BlackRock Institutional Trust Company, National Association	25-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	614	614
BLACKROCK FINANCIAL MANAGEMENT, INC.	25-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	398	398
BlackRock Institutional Trust Company, National Association	25-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	2,016	2,016
BlackRock Japan Co., Ltd.	25-Jun-21	yes	46.22	on mkt buy	AUD	CDI 1:1	856	856
BlackRock Institutional Trust Company, National Association	25-Jun-21	yes	45.97	on mkt buy	AUD	CDI 1:1	28,799	28,799
BlackRock Advisors (UK) Limited	25-Jun-21	no	n/a	collateral transfer	USD	ADR 1:1	211	211
BlackRock Advisors (UK) Limited	25-Jun-21	no	n/a	collateral transfer	AUD	CDI 1:1	1,688	1,688
APERIO GROUP LLC	25-Jun-21	no	n/a	in specie	USD	ADR 1:1	187	187
BlackRock Fund Advisors	28-Jun-21	no	n/a	in specie	AUD	CDI 1:1	1,336	1,336
BlackRock Fund Advisors	28-Jun-21	no	n/a	in specie	AUD	CDI 1:1	4,402	4,402
BlackRock Institutional Trust Company, National Association	28-Jun-21	yes	45.95	on mkt buy	AUD	CDI 1:1	127	127
BlackRock Japan Co., Ltd.	28-Jun-21	yes	46.26	on mkt buy	AUD	CDI 1:1	65	65
BlackRock Investment Management (Australia) Limited	28-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	1,932	1,932
BlackRock Advisors (UK) Limited	28-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	28-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	28-Jun-21	yes	45.80	on mkt buy	AUD	CDI 1:1	588	588

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	28-Jun-21	no	n/a	in specie	AUD	CDI 1:1	11,592	11,592
BlackRock Fund Advisors	28-Jun-21	no	n/a	in specie	AUD	CDI 1:1	500	500
BlackRock Advisors (UK) Limited	28-Jun-21	no	n/a	collateral transfer	USD	ADR 1:1	52	52
APERIO GROUP LLC	28-Jun-21	no	n/a	in specie	USD	ADR 1:1	70	70
APERIO GROUP LLC	28-Jun-21	no	n/a	in specie	USD	ADR 1:1	275	275
BlackRock Investment Management, LLC	29-Jun-21	no	n/a	in specie	AUD	CDI 1:1	1,501	1,501
BlackRock Institutional Trust Company, National Association	29-Jun-21	yes	45.38	on mkt buy	AUD	CDI 1:1	484	484
BlackRock Institutional Trust Company, National Association	29-Jun-21	yes	45.38	on mkt buy	AUD	CDI 1:1	409	409
BlackRock Investment Management (Australia) Limited	29-Jun-21	yes	45.38	on mkt buy	AUD	CDI 1:1	219	219
BlackRock Advisors (UK) Limited	29-Jun-21	yes	45.36	on mkt buy	AUD	CDI 1:1	644	644
BlackRock Advisors (UK) Limited	29-Jun-21	yes	45.36	on mkt buy	AUD	CDI 1:1	263	263
BlackRock Japan Co., Ltd.	29-Jun-21	no	n/a	collateral transfer	USD	ADR 1:1	6,086	6,086
APERIO GROUP LLC	29-Jun-21	no	n/a	in specie	USD	ADR 1:1	913	913
BlackRock Institutional Trust Company, National Association	30-Jun-21	yes	45.68	on mkt buy	AUD	CDI 1:1	161	161
BlackRock Institutional Trust Company, National Association	30-Jun-21	yes	45.68	on mkt buy	AUD	CDI 1:1	446	446
BlackRock Investment Management (UK) Limited	30-Jun-21	yes	45.60	on mkt buy	AUD	CDI 1:1	10,425	10,425
BlackRock Advisors (UK) Limited	30-Jun-21	yes	45.27	on mkt buy	AUD	CDI 1:1	552	552
BLACKROCK FINANCIAL MANAGEMENT, INC.	30-Jun-21	no	n/a	in specie	AUD	CDI 1:1	1,948	1,948
BLACKROCK FINANCIAL MANAGEMENT, INC.	30-Jun-21	no	n/a	in specie	AUD	CDI 1:1	31,761	31,761
BlackRock Japan Co., Ltd.	30-Jun-21	no	n/a	collateral transfer	USD	ADR 1:1	3,136	3,136
APERIO GROUP LLC	30-Jun-21	no	n/a	in specie	USD	ADR 1:1	402	402
BlackRock Fund Advisors	01-Jul-21	no	n/a	in specie	AUD	CDI 1:1	2,271	2,271
BlackRock Institutional Trust Company, National Association	01-Jul-21	yes	45.00	on mkt buy	AUD	CDI 1:1	408	408
BlackRock Institutional Trust Company, National Association	01-Jul-21	yes	44.83	on mkt buy	AUD	CDI 1:1	1,357	1,357
BLACKROCK FINANCIAL MANAGEMENT, INC.	01-Jul-21	yes	44.83	on mkt buy	AUD	CDI 1:1	843	843
BlackRock Institutional Trust Company, National Association	01-Jul-21	yes	44.83	on mkt buy	AUD	CDI 1:1	2,759	2,759
BlackRock Advisors (UK) Limited	01-Jul-21	yes	44.51	on mkt buy	AUD	CDI 1:1	1,163	1,163
BlackRock Advisors (UK) Limited	01-Jul-21	yes	44.51	on mkt buy	AUD	CDI 1:1	92	92
BlackRock Advisors (UK) Limited	01-Jul-21	yes	44.51	on mkt buy	AUD	CDI 1:1	259	259
BlackRock Advisors (UK) Limited	01-Jul-21	yes	44.51	on mkt buy	AUD	CDI 1:1	259	259
BlackRock Advisors (UK) Limited	01-Jul-21	yes	44.51	on mkt buy	AUD	CDI 1:1	200	200
BlackRock Investment Management (UK) Limited	01-Jul-21	yes	44.51	on mkt buy	AUD	CDI 1:1	345	345
BlackRock Investment Management (Australia) Limited	01-Jul-21	yes	44.51	on mkt buy	AUD	CDI 1:1	4,830	4,830
BlackRock Fund Advisors	01-Jul-21	no	n/a	in specie	AUD	CDI 1:1	6,680	6,680
APERIO GROUP LLC	01-Jul-21	no	n/a	in specie	AUD	CDI 1:1	1,277	1,277
BlackRock Fund Advisors	02-Jul-21	no	n/a	in specie	AUD	CDI 1:1	1,014	1,014
BlackRock Institutional Trust Company, National Association	02-Jul-21	yes	44.46	on mkt buy	AUD	CDI 1:1	82	82
BlackRock Institutional Trust Company, National Association	02-Jul-21	yes	44.46	on mkt buy	AUD	CDI 1:1	818	818
BlackRock Institutional Trust Company, National Association	02-Jul-21	yes	44.46	on mkt buy	AUD	CDI 1:1	1,157	1,157
BLACKROCK FINANCIAL MANAGEMENT, INC.	02-Jul-21	yes	44.46	on mkt buy	AUD	CDI 1:1	834	834
BlackRock Advisors (UK) Limited	02-Jul-21	yes	44.58	on mkt buy	AUD	CDI 1:1	30	30
BlackRock Advisors (UK) Limited	02-Jul-21	yes	44.58	on mkt buy	AUD	CDI 1:1	261	261
BlackRock Advisors (UK) Limited	02-Jul-21	yes	44.58	on mkt buy	AUD	CDI 1:1	62	62
BlackRock Institutional Trust Company, National Association	02-Jul-21	yes	44.58	on mkt buy	AUD	CDI 1:1	47,407	47,407
BlackRock Investment Management, LLC	02-Jul-21	yes	44.58	on mkt buy	AUD	CDI 1:1	661	661
BlackRock Institutional Trust Company, National Association	02-Jul-21	yes	44.58	on mkt buy	AUD	CDI 1:1	19,181	19,181
BlackRock Fund Advisors	02-Jul-21	no	n/a	in specie	AUD	CDI 1:1	3,768	3,768
BlackRock Fund Advisors	02-Jul-21	no	n/a	in specie	AUD	CDI 1:1	1,095	1,095
BlackRock Advisors (UK) Limited	02-Jul-21	no	n/a	collateral transfer	AUD	CDI 1:1	430	430
BlackRock Investment Management (UK) Limited	02-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	10,946	10,946

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			Cash	Non-cash	CCY			
APERIO GROUP LLC	02-Jul-21	no	n/a	in specie	USD	ADR 1:1	186	186
BlackRock Institutional Trust Company, National Association	05-Jul-21	yes	44.21	on mkt buy	AUD	CDI 1:1	739	739
BlackRock Advisors (UK) Limited	05-Jul-21	yes	44.12	on mkt buy	AUD	CDI 1:1	2,729	2,729
BlackRock Fund Advisors	05-Jul-21	yes	44.12	on mkt buy	AUD	CDI 1:1	2,306	2,306
BlackRock Investment Management (UK) Limited	05-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	2	2
BlackRock Advisors (UK) Limited	06-Jul-21	yes	44.12	on mkt buy	AUD	CDI 1:1	30	30
BlackRock Advisors (UK) Limited	06-Jul-21	yes	44.12	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	06-Jul-21	yes	44.12	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	06-Jul-21	yes	44.12	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	06-Jul-21	yes	44.12	on mkt buy	AUD	CDI 1:1	1,092	1,092
BlackRock Advisors (UK) Limited	06-Jul-21	yes	44.12	on mkt buy	AUD	CDI 1:1	1,428	1,428
BlackRock Advisors (UK) Limited	06-Jul-21	yes	44.12	on mkt buy	AUD	CDI 1:1	60	60
BlackRock Advisors (UK) Limited	06-Jul-21	yes	44.12	on mkt buy	AUD	CDI 1:1	62	62
BlackRock Advisors (UK) Limited	06-Jul-21	yes	44.12	on mkt buy	AUD	CDI 1:1	200	200
BlackRock Japan Co., Ltd.	06-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	7,217	7,217
APERIO GROUP LLC	06-Jul-21	no	n/a	in specie	USD	ADR 1:1	2,441	2,441
BlackRock Fund Advisors	07-Jul-21	no	n/a	in specie	AUD	CDI 1:1	82	82
BlackRock Fund Advisors	07-Jul-21	no	n/a	in specie	AUD	CDI 1:1	850	850
BlackRock Investment Management (Australia) Limited	07-Jul-21	yes	45.20	on mkt buy	AUD	CDI 1:1	8,691	8,691
BlackRock Investment Management (Australia) Limited	07-Jul-21	yes	45.20	on mkt buy	AUD	CDI 1:1	9,492	9,492
BlackRock Investment Management (Australia) Limited	07-Jul-21	yes	45.20	on mkt buy	AUD	CDI 1:1	1,374	1,374
BlackRock Institutional Trust Company, National Association	07-Jul-21	yes	45.06	on mkt buy	AUD	CDI 1:1	4,202	4,202
BlackRock Institutional Trust Company, National Association	07-Jul-21	yes	45.06	on mkt buy	AUD	CDI 1:1	2,506	2,506
BlackRock Institutional Trust Company, National Association	07-Jul-21	yes	45.06	on mkt buy	AUD	CDI 1:1	2,511	2,511
BlackRock Institutional Trust Company, National Association	07-Jul-21	yes	45.21	on mkt buy	AUD	CDI 1:1	49	49
BlackRock Institutional Trust Company, National Association	07-Jul-21	yes	45.21	on mkt buy	AUD	CDI 1:1	261	261
BlackRock Institutional Trust Company, National Association	07-Jul-21	yes	45.21	on mkt buy	AUD	CDI 1:1	1,017	1,017
BlackRock Institutional Trust Company, National Association	07-Jul-21	yes	45.21	on mkt buy	AUD	CDI 1:1	454	454
BlackRock Investment Management, LLC	07-Jul-21	yes	45.21	on mkt buy	AUD	CDI 1:1	617	617
BlackRock Investment Management, LLC	07-Jul-21	yes	45.21	on mkt buy	AUD	CDI 1:1	811	811
BlackRock Advisors, LLC	07-Jul-21	yes	45.21	on mkt buy	AUD	CDI 1:1	32	32
BlackRock Advisors (UK) Limited	07-Jul-21	yes	45.24	on mkt buy	AUD	CDI 1:1	588	588
BlackRock Fund Advisors	07-Jul-21	yes	45.24	on mkt buy	AUD	CDI 1:1	3,844	3,844
BlackRock Fund Advisors	07-Jul-21	no	n/a	in specie	AUD	CDI 1:1	8,964	8,964
BlackRock Advisors (UK) Limited	07-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	5,435	5,435
APERIO GROUP LLC	07-Jul-21	no	n/a	in specie	USD	ADR 1:1	238	238
APERIO GROUP LLC	07-Jul-21	no	n/a	in specie	USD	ADR 1:1	61	61
BlackRock Fund Advisors	08-Jul-21	no	n/a	in specie	AUD	CDI 1:1	680	680
BlackRock Institutional Trust Company, National Association	08-Jul-21	yes	44.77	on mkt buy	AUD	CDI 1:1	1,377	1,377
BlackRock Institutional Trust Company, National Association	08-Jul-21	yes	44.77	on mkt buy	AUD	CDI 1:1	4,627	4,627
BlackRock Investment Management (UK) Limited	08-Jul-21	yes	44.77	on mkt buy	AUD	CDI 1:1	1,363	1,363
BlackRock Institutional Trust Company, National Association	08-Jul-21	yes	44.77	on mkt buy	AUD	CDI 1:1	50	50
BlackRock Institutional Trust Company, National Association	08-Jul-21	yes	44.77	on mkt buy	AUD	CDI 1:1	859	859
BlackRock Advisors, LLC	08-Jul-21	yes	44.77	on mkt buy	AUD	CDI 1:1	1,128	1,128
BlackRock Advisors (UK) Limited	08-Jul-21	yes	44.77	on mkt buy	AUD	CDI 1:1	1,354	1,354
BlackRock Advisors (UK) Limited	08-Jul-21	yes	44.77	on mkt buy	AUD	CDI 1:1	1,057	1,057
BLACKROCK FINANCIAL MANAGEMENT, INC.	08-Jul-21	yes	44.77	on mkt buy	AUD	CDI 1:1	917	917
BlackRock Asset Management Canada Limited	08-Jul-21	yes	44.77	on mkt buy	AUD	CDI 1:1	1,169	1,169
BlackRock Advisors (UK) Limited	08-Jul-21	yes	44.72	on mkt buy	AUD	CDI 1:1	420	420
BlackRock Advisors (UK) Limited	08-Jul-21	yes	44.72	on mkt buy	AUD	CDI 1:1	588	588
BlackRock Advisors (UK) Limited	08-Jul-21	yes	44.72	on mkt buy	AUD	CDI 1:1	202	202
BlackRock Investment Management (UK) Limited	08-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	5,445	5,445
APERIO GROUP LLC	08-Jul-21	no	n/a	in specie	USD	ADR 1:1	2,091	2,091

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	09-Jul-21	yes	43.87	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Investment Management (Australia) Limited	09-Jul-21	yes	43.87	on mkt buy	AUD	CDI 1:1	3,113	3,113
BlackRock Investment Management (Australia) Limited	09-Jul-21	yes	43.87	on mkt buy	AUD	CDI 1:1	5,027	5,027
BLACKROCK FINANCIAL MANAGEMENT, INC.	09-Jul-21	yes	43.87	on mkt buy	AUD	CDI 1:1	452	452
BlackRock Institutional Trust Company, National Association	09-Jul-21	yes	43.90	on mkt buy	AUD	CDI 1:1	1,574	1,574
BlackRock Institutional Trust Company, National Association	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	1,478	1,478
BlackRock Advisors, LLC	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	5,015	5,015
BlackRock Advisors, LLC	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	1,196	1,196
BlackRock Institutional Trust Company, National Association	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	16,801	16,801
BlackRock Institutional Trust Company, National Association	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	1,737	1,737
BlackRock Advisors (UK) Limited	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	1,888	1,888
BlackRock Advisors (UK) Limited	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	1,451	1,451
BlackRock Asset Management Canada Limited	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	1,069	1,069
BlackRock Asset Management Canada Limited	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	4,833	4,833
BlackRock Institutional Trust Company, National Association	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	6,904	6,904
BlackRock Institutional Trust Company, National Association	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	4,403	4,403
BlackRock Institutional Trust Company, National Association	09-Jul-21	yes	43.90	on mkt buy	AUD	CDI 1:1	1,300	1,300
BlackRock Investment Management (UK) Limited	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	1,021	1,021
BLACKROCK FINANCIAL MANAGEMENT, INC.	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	916	916
BlackRock Institutional Trust Company, National Association	09-Jul-21	yes	43.90	on mkt buy	AUD	CDI 1:1	186	186
BlackRock Institutional Trust Company, National Association	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	868	868
BlackRock International Limited	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	1,523	1,523
BlackRock Institutional Trust Company, National Association	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	358	358
BlackRock Investment Management, LLC	09-Jul-21	yes	43.88	on mkt buy	AUD	CDI 1:1	367	367
BlackRock Advisors (UK) Limited	09-Jul-21	yes	44.01	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	09-Jul-21	yes	44.01	on mkt buy	AUD	CDI 1:1	280	280
BlackRock Advisors (UK) Limited	09-Jul-21	yes	44.01	on mkt buy	AUD	CDI 1:1	252	252
BlackRock Advisors (UK) Limited	09-Jul-21	yes	44.01	on mkt buy	AUD	CDI 1:1	265	265
BlackRock Advisors (UK) Limited	09-Jul-21	yes	44.01	on mkt buy	AUD	CDI 1:1	265	265
BlackRock Investment Management (Australia) Limited	09-Jul-21	yes	44.01	on mkt buy	AUD	CDI 1:1	6,748	6,748
BlackRock Advisors (UK) Limited	09-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	16,644	16,644
BlackRock Institutional Trust Company, National Association	12-Jul-21	yes	44.71	on mkt buy	AUD	CDI 1:1	70	70
BlackRock Institutional Trust Company, National Association	12-Jul-21	yes	44.71	on mkt buy	AUD	CDI 1:1	794	794
BlackRock Advisors (UK) Limited	12-Jul-21	yes	44.52	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	12-Jul-21	yes	44.52	on mkt buy	AUD	CDI 1:1	2,691	2,691
APERIO GROUP LLC	12-Jul-21	no	n/a	in specie	USD	ADR 1:1	444	444
BlackRock Fund Advisors	13-Jul-21	no	n/a	in specie	AUD	CDI 1:1	196	196
BlackRock Investment Management (UK) Limited	13-Jul-21	yes	44.95	on mkt buy	AUD	CDI 1:1	10,913	10,913
BLACKROCK FINANCIAL MANAGEMENT, INC.	13-Jul-21	yes	44.97	on mkt buy	AUD	CDI 1:1	919	919
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.96	on mkt buy	AUD	CDI 1:1	3,020	3,020
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.96	on mkt buy	AUD	CDI 1:1	1,324	1,324
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	825	825
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	3,640	3,640
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	1,503	1,503
BlackRock Advisors, LLC	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	7,706	7,706
BlackRock International Limited	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	4,192	4,192

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	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	30,267	30,267
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	1,824	1,824
BlackRock Advisors, LLC	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	1,682	1,682
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	21,417	21,417
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	2,756	2,756
BlackRock Advisors (UK) Limited	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	6,145	6,145
BlackRock Advisors (UK) Limited	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	4,840	4,840
BlackRock Investment Management (UK) Limited	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	3,046	3,046
BLACKROCK FINANCIAL MANAGEMENT, INC.	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	940	940
BlackRock Asset Management Canada Limited	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	1,587	1,587
BlackRock Asset Management Canada Limited	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	6,646	6,646
BlackRock Investment Management, LLC	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	1,282	1,282
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	11,813	11,813
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	3,208	3,208
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.96	on mkt buy	AUD	CDI 1:1	371	371
BlackRock Investment Management (UK) Limited	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	330	330
BLACKROCK FINANCIAL MANAGEMENT, INC.	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	663	663
BlackRock Asset Management Canada Limited	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	704	704
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	750	750
BLACKROCK FINANCIAL MANAGEMENT, INC.	13-Jul-21	yes	44.98	on mkt buy	AUD	CDI 1:1	605	605
BlackRock Institutional Trust Company, National Association	13-Jul-21	yes	44.95	on mkt buy	AUD	CDI 1:1	925	925
BLACKROCK FINANCIAL MANAGEMENT, INC.	13-Jul-21	yes	44.99	on mkt buy	AUD	CDI 1:1	660	660
BlackRock Asset Management Canada Limited	13-Jul-21	yes	44.95	on mkt buy	AUD	CDI 1:1	106	106
BlackRock Advisors (UK) Limited	13-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	219	219
APERIO GROUP LLC	13-Jul-21	no	n/a	in specie	USD	ADR 1:1	1,946	1,946
BlackRock Fund Advisors	14-Jul-21	no	n/a	in specie	AUD	CDI 1:1	796	796
BlackRock Japan Co., Ltd.	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	15,930	15,930
BlackRock Japan Co., Ltd.	14-Jul-21	yes	45.51	on mkt buy	AUD	CDI 1:1	445	445
BlackRock Institutional Trust Company, National Association	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	482	482
BlackRock Institutional Trust Company, National Association	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	4,504	4,504
BlackRock Institutional Trust Company, National Association	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	2,020	2,020
BlackRock Investment Management, LLC	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	2,757	2,757
BlackRock Institutional Trust Company, National Association	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	1,790	1,790
BlackRock Institutional Trust Company, National Association	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	1,051	1,051
BlackRock Advisors (UK) Limited	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	1,232	1,232
BlackRock Japan Co., Ltd.	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	890	890
BlackRock Japan Co., Ltd.	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	2,857	2,857
BlackRock Japan Co., Ltd.	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	3,208	3,208
BlackRock Japan Co., Ltd.	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	4,971	4,971
BlackRock Investment Management (UK) Limited	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	1,496	1,496
BlackRock Investment Management (UK) Limited	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	478	478
BLACKROCK FINANCIAL MANAGEMENT, INC.	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	1,156	1,156
BlackRock Investment Management, LLC	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	1,294	1,294
BlackRock Institutional Trust Company, National Association	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	941	941
BlackRock Investment Management (UK) Limited	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	3,108	3,108

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			Cash	Non-cash	CCY			
BlackRock Investment Management (UK) Limited	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	3,687	3,687
BlackRock Investment Management, LLC	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	1,377	1,377
BlackRock Investment Management, LLC	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	1,185	1,185
BlackRock Investment Management, LLC	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	442	442
BlackRock Investment Management, LLC	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	10,953	10,953
BlackRock Institutional Trust Company, National Association	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	868	868
BlackRock Institutional Trust Company, National Association	14-Jul-21	yes	45.53	on mkt buy	AUD	CDI 1:1	1,463	1,463
BlackRock Advisors (UK) Limited	14-Jul-21	yes	45.46	on mkt buy	AUD	CDI 1:1	30	30
BlackRock Advisors (UK) Limited	14-Jul-21	yes	45.46	on mkt buy	AUD	CDI 1:1	60	60
BlackRock Advisors (UK) Limited	14-Jul-21	yes	45.46	on mkt buy	AUD	CDI 1:1	522	522
BlackRock Advisors (UK) Limited	14-Jul-21	yes	45.46	on mkt buy	AUD	CDI 1:1	1,437	1,437
BlackRock Investment Management (UK) Limited	14-Jul-21	yes	45.46	on mkt buy	AUD	CDI 1:1	412	412
BlackRock Advisors, LLC	14-Jul-21	yes	45.46	on mkt buy	AUD	CDI 1:1	2,583	2,583
BlackRock Fund Advisors	14-Jul-21	no	n/a	in specie	AUD	CDI 1:1	597	597
BlackRock Advisors (UK) Limited	14-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	243	243
BlackRock Institutional Trust Company, National Association	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	992	992
BLACKROCK FINANCIAL MANAGEMENT, INC.	15-Jul-21	yes	45.64	on mkt buy	AUD	CDI 1:1	912	912
BlackRock Institutional Trust Company, National Association	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	3,930	3,930
BlackRock Institutional Trust Company, National Association	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	2,868	2,868
BlackRock Institutional Trust Company, National Association	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,618	1,618
BlackRock Investment Management (UK) Limited	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	373	373
BlackRock Advisors, LLC	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	6,185	6,185
BlackRock Advisors, LLC	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,747	1,747
BLACKROCK FINANCIAL MANAGEMENT, INC.	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	748	748
BlackRock Asset Management Canada Limited	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	858	858
BlackRock International Limited	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	5,701	5,701
BlackRock Institutional Trust Company, National Association	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,134	1,134
BlackRock Institutional Trust Company, National Association	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	32,261	32,261
BlackRock Institutional Trust Company, National Association	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	2,212	2,212
BLACKROCK FINANCIAL MANAGEMENT, INC.	15-Jul-21	yes	45.64	on mkt buy	AUD	CDI 1:1	842	842
BlackRock Advisors, LLC	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,267	1,267
BlackRock Institutional Trust Company, National Association	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	17,991	17,991
BlackRock Institutional Trust Company, National Association	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,934	1,934
BlackRock Advisors (UK) Limited	15-Jul-21	yes	45.60	on mkt buy	AUD	CDI 1:1	263	263
BlackRock Advisors (UK) Limited	15-Jul-21	yes	45.60	on mkt buy	AUD	CDI 1:1	958	958
BlackRock Advisors (UK) Limited	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	6,715	6,715
BlackRock Advisors (UK) Limited	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	5,216	5,216
BlackRock Investment Management (UK) Limited	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	3,876	3,876
BLACKROCK FINANCIAL MANAGEMENT, INC.	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,003	1,003
BlackRock Asset Management Canada Limited	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,021	1,021
BlackRock Asset Management Canada Limited	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	4,586	4,586
BlackRock Investment Management, LLC	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,368	1,368
BLACKROCK FINANCIAL MANAGEMENT, INC.	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	969	969
BlackRock Institutional Trust Company, National Association	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	11,183	11,183
BlackRock Institutional Trust Company, National Association	15-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	5,527	5,527
BlackRock Advisors (UK) Limited	15-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	789	789
BlackRock Advisors (UK) Limited	15-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	958	958
BlackRock Fund Advisors	15-Jul-21	no	n/a	in specie	AUD	CDI 1:1	7,150	7,150
BlackRock Fund Advisors	15-Jul-21	no	n/a	in specie	AUD	CDI 1:1	2,288	2,288

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			Cash	Non-cash	CCY			
BlackRock Japan Co., Ltd.	15-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	2,028	2,028
BlackRock Advisors (UK) Limited	15-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	3,780	3,780
BlackRock Advisors (UK) Limited	15-Jul-21	no	n/a	collateral transfer	AUD	CDI 1:1	15,183	15,183
BlackRock Investment Management (UK) Limited	15-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	1,955	1,955
APERIO GROUP LLC	15-Jul-21	no	n/a	in specie	USD	ADR 1:1	1,945	1,945
BlackRock Fund Advisors	16-Jul-21	no	n/a	in specie	AUD	CDI 1:1	315	315
BLACKROCK FINANCIAL MANAGEMENT, INC.	16-Jul-21	yes	45.68	on mkt buy	AUD	CDI 1:1	504	504
BLACKROCK FINANCIAL MANAGEMENT, INC.	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	894	894
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	751	751
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	6,315	6,315
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	2,598	2,598
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	1,121	1,121
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	4,295	4,295
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	2,464	2,464
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	1,639	1,639
BlackRock Investment Management (UK) Limited	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	402	402
BlackRock Advisors, LLC	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	6,157	6,157
BlackRock Advisors, LLC	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	1,407	1,407
BLACKROCK FINANCIAL MANAGEMENT, INC.	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	724	724
BlackRock Asset Management Canada Limited	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	952	952
BlackRock International Limited	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	4,565	4,565
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	1,587	1,587
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	29,104	29,104
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	2,238	2,238
BlackRock Advisors, LLC	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	1,754	1,754
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	16,599	16,599
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	1,980	1,980
BlackRock Advisors (UK) Limited	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	6,316	6,316
BlackRock Advisors (UK) Limited	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	5,098	5,098
BlackRock Investment Management (UK) Limited	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	3,501	3,501
BLACKROCK FINANCIAL MANAGEMENT, INC.	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	1,015	1,015
BlackRock Asset Management Canada Limited	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	1,156	1,156
BlackRock Asset Management Canada Limited	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	4,897	4,897
BlackRock Investment Management, LLC	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	1,322	1,322
BLACKROCK FINANCIAL MANAGEMENT, INC.	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	1,007	1,007
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	8,803	8,803
BlackRock Institutional Trust Company, National Association	16-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	6,888	6,888
BlackRock Advisors (UK) Limited	16-Jul-21	yes	45.75	on mkt buy	AUD	CDI 1:1	420	420
BlackRock Advisors (UK) Limited	16-Jul-21	yes	45.75	on mkt buy	AUD	CDI 1:1	756	756
BlackRock Advisors (UK) Limited	16-Jul-21	yes	45.75	on mkt buy	AUD	CDI 1:1	261	261
BlackRock Advisors (UK) Limited	16-Jul-21	yes	45.75	on mkt buy	AUD	CDI 1:1	478	478
BlackRock Fund Advisors	16-Jul-21	no	n/a	in specie	AUD	CDI 1:1	9,960	9,960
BlackRock Fund Advisors	16-Jul-21	no	n/a	in specie	AUD	CDI 1:1	1,190	1,190
BlackRock Investment Management (UK) Limited	16-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	5,873	5,873
APERIO GROUP LLC	16-Jul-21	no	n/a	in specie	USD	ADR 1:1	242	242
BlackRock Fund Advisors	19-Jul-21	no	n/a	in specie	AUD	CDI 1:1	164	164
BlackRock Fund Advisors	19-Jul-21	no	n/a	in specie	AUD	CDI 1:1	1,014	1,014

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		Cash	Non-cash	CCY				
BlackRock Fund Advisors	19-Jul-21	no	n/a	in specie	AUD	CDI 1:1	630	630
BlackRock Institutional Trust Company, National Association	19-Jul-21	yes	45.30	on mkt buy	AUD	CDI 1:1	607	607
BlackRock Institutional Trust Company, National Association	19-Jul-21	yes	45.30	on mkt buy	AUD	CDI 1:1	5,692	5,692
BlackRock Institutional Trust Company, National Association	19-Jul-21	yes	45.30	on mkt buy	AUD	CDI 1:1	2,558	2,558
BlackRock Advisors (UK) Limited	19-Jul-21	yes	45.31	on mkt buy	AUD	CDI 1:1	368	368
BlackRock Advisors (UK) Limited	19-Jul-21	yes	45.31	on mkt buy	AUD	CDI 1:1	478	478
BlackRock Fund Advisors	19-Jul-21	no	n/a	in specie	AUD	CDI 1:1	2,222	2,222
BlackRock Japan Co., Ltd.	19-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	10,267	10,267
APERIO GROUP LLC	19-Jul-21	no	n/a	in specie	USD	ADR 1:1	755	755
BlackRock Fund Advisors	20-Jul-21	no	n/a	in specie	AUD	CDI 1:1	3,320	3,320
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	573	573
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	4,760	4,760
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	1,407	1,407
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	993	993
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	3,498	3,498
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	2,771	2,771
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	1,501	1,501
BlackRock Investment Management (UK) Limited	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	219	219
BlackRock Investment Management (Australia) Limited	20-Jul-21	yes	45.50	on mkt buy	AUD	CDI 1:1	375	375
BlackRock Advisors, LLC	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	9,142	9,142
BlackRock Advisors, LLC	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	687	687
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	713	713
BlackRock Asset Management Canada Limited	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	809	809
BlackRock International Limited	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	5,239	5,239
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	1,709	1,709
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	25,514	25,514
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	1,921	1,921
BlackRock Advisors, LLC	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	2,051	2,051
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	28,991	28,991
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	3,129	3,129
BlackRock Advisors (UK) Limited	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	5,209	5,209
BlackRock Advisors (UK) Limited	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	4,171	4,171
BlackRock Investment Management (UK) Limited	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	2,575	2,575
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	926	926
BlackRock Asset Management Canada Limited	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	1,819	1,819
BlackRock Asset Management Canada Limited	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	7,932	7,932
BlackRock Investment Management, LLC	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	1,179	1,179
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	960	960
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	17,130	17,130
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.49	on mkt buy	AUD	CDI 1:1	6,465	6,465
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Jul-21	yes	45.27	on mkt buy	AUD	CDI 1:1	950	950
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Jul-21	yes	45.41	on mkt buy	AUD	CDI 1:1	840	840
BlackRock Institutional Trust Company, National Association	20-Jul-21	yes	45.56	on mkt buy	AUD	CDI 1:1	4,862	4,862
BlackRock Fund Advisors	20-Jul-21	no	n/a	in specie	AUD	CDI 1:1	2,301	2,301
BlackRock Fund Advisors	20-Jul-21	no	n/a	in specie	AUD	CDI 1:1	12,616	12,616

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	20-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	7,778	7,778
BlackRock Investment Management, LLC	20-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	2,627	2,627
BlackRock Investment Management (UK) Limited	20-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	2	2
APERIO GROUP LLC	20-Jul-21	no	n/a	in specie	USD	ADR 1:1	195	195
APERIO GROUP LLC	20-Jul-21	no	n/a	in specie	USD	ADR 1:1	1,044	1,044
BlackRock Fund Advisors	21-Jul-21	no	n/a	in specie	AUD	CDI 1:1	2,236	2,236
BlackRock Fund Advisors	21-Jul-21	no	n/a	in specie	AUD	CDI 1:1	633	633
BlackRock Fund Advisors	21-Jul-21	no	n/a	in specie	AUD	CDI 1:1	378	378
BlackRock Institutional Trust Company, National Association	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	654	654
BlackRock Institutional Trust Company, National Association	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	5,685	5,685
BlackRock Institutional Trust Company, National Association	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,989	1,989
BlackRock Investment Management, LLC	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	3,134	3,134
BlackRock Institutional Trust Company, National Association	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	2,089	2,089
BlackRock Institutional Trust Company, National Association	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,362	1,362
BlackRock Investment Management (UK) Limited	21-Jul-21	yes	46.39	on mkt buy	AUD	CDI 1:1	14,940	14,940
BlackRock Advisors (UK) Limited	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,089	1,089
BlackRock Japan Co., Ltd.	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,080	1,080
BlackRock Japan Co., Ltd.	21-Jul-21	yes	46.42	on mkt buy	AUD	CDI 1:1	19,892	19,892
BlackRock Japan Co., Ltd.	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	3,074	3,074
BlackRock Japan Co., Ltd.	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	3,648	3,648
BlackRock Japan Co., Ltd.	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	7,451	7,451
BlackRock Advisors, LLC	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	4,720	4,720
BlackRock Advisors, LLC	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	634	634
BlackRock Investment Management (UK) Limited	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,766	1,766
BlackRock Investment Management (UK) Limited	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	697	697
BLACKROCK FINANCIAL MANAGEMENT, INC.	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,649	1,649
BlackRock Investment Management, LLC	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,877	1,877
BlackRock Institutional Trust Company, National Association	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	652	652
BlackRock Japan Co., Ltd.	21-Jul-21	yes	46.39	on mkt buy	AUD	CDI 1:1	4,026	4,026
BlackRock Investment Management (UK) Limited	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	2,411	2,411
BlackRock Investment Management (UK) Limited	21-Jul-21	yes	46.39	on mkt buy	AUD	CDI 1:1	891	891
BlackRock Investment Management (UK) Limited	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	452	452
BlackRock Investment Management (UK) Limited	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	3,788	3,788
BlackRock Investment Management (UK) Limited	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	750	750
BlackRock Investment Management, LLC	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,448	1,448
BlackRock Investment Management, LLC	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,523	1,523
BlackRock Investment Management, LLC	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	586	586
BlackRock Investment Management, LLC	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	19,677	19,677
BlackRock Investment Management (UK) Limited	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,098	1,098
BlackRock Investment Management (UK) Limited	21-Jul-21	yes	46.39	on mkt buy	AUD	CDI 1:1	876	876
BlackRock Institutional Trust Company, National Association	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,051	1,051
BlackRock Institutional Trust Company, National Association	21-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,558	1,558
BlackRock Institutional Trust Company, National Association	21-Jul-21	yes	46.42	on mkt buy	AUD	CDI 1:1	1,741	1,741
BlackRock Institutional Trust Company, National Association	21-Jul-21	yes	46.42	on mkt buy	AUD	CDI 1:1	194	194
BlackRock Institutional Trust Company, National Association	21-Jul-21	yes	46.42	on mkt buy	AUD	CDI 1:1	157	157
BlackRock Advisors (UK) Limited	21-Jul-21	yes	46.35	on mkt buy	AUD	CDI 1:1	564	564
BlackRock Advisors (UK) Limited	21-Jul-21	yes	46.35	on mkt buy	AUD	CDI 1:1	478	478
BlackRock Asset Management Canada Limited	21-Jul-21	yes	46.35	on mkt buy	AUD	CDI 1:1	88	88
BlackRock Advisors (UK) Limited	21-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	2,698	2,698

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			Cash	Non-cash	CCY			
BlackRock Fund Advisors	22-Jul-21	no	n/a	in specie	AUD	CDI 1:1	1,360	1,360
BlackRock Investment Management (UK) Limited	22-Jul-21	yes	46.55	on mkt buy	AUD	CDI 1:1	1,810	1,810
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	4,170	4,170
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	1,324	1,324
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	4,746	4,746
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	1,621	1,621
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	1,490	1,490
BlackRock Advisors, LLC	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	7,698	7,698
BlackRock Advisors, LLC	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	1,916	1,916
BlackRock International Limited	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	5,251	5,251
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	1,679	1,679
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	29,646	29,646
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	2,038	2,038
BlackRock Advisors, LLC	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	2,010	2,010
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	21,943	21,943
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	2,629	2,629
BlackRock Advisors (UK) Limited	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	6,141	6,141
BlackRock Advisors (UK) Limited	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	4,954	4,954
BlackRock Investment Management (UK) Limited	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	3,056	3,056
BlackRock Asset Management Canada Limited	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	1,732	1,732
BlackRock Asset Management Canada Limited	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	5,977	5,977
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	14,164	14,164
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	5,026	5,026
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	1,231	1,231
BLACKROCK FINANCIAL MANAGEMENT, INC.	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	772	772
BlackRock Asset Management Canada Limited	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	1,029	1,029
BLACKROCK FINANCIAL MANAGEMENT, INC.	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	923	923
BlackRock Investment Management, LLC	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	1,260	1,260
BLACKROCK FINANCIAL MANAGEMENT, INC.	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	1,197	1,197
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	395	395
BlackRock Investment Management (UK) Limited	22-Jul-21	yes	46.58	on mkt buy	AUD	CDI 1:1	293	293
BLACKROCK FINANCIAL MANAGEMENT, INC.	22-Jul-21	yes	46.69	on mkt buy	AUD	CDI 1:1	1,085	1,085
BLACKROCK FINANCIAL MANAGEMENT, INC.	22-Jul-21	yes	46.70	on mkt buy	AUD	CDI 1:1	969	969
BlackRock Advisors (UK) Limited	22-Jul-21	yes	46.63	on mkt buy	AUD	CDI 1:1	1,764	1,764
BlackRock Investment Management (Australia) Limited	22-Jul-21	yes	46.71	on mkt buy	AUD	CDI 1:1	3,832	3,832
BlackRock Institutional Trust Company, National Association	22-Jul-21	yes	46.71	on mkt buy	AUD	CDI 1:1	19,573	19,573
BlackRock Fund Advisors	22-Jul-21	no	n/a	in specie	AUD	CDI 1:1	808	808
APERIO GROUP LLC	22-Jul-21	no	n/a	in specie	USD	ADR 1:1	195	195
BlackRock Fund Advisors	23-Jul-21	no	n/a	in specie	AUD	CDI 1:1	680	680
BlackRock Fund Advisors	23-Jul-21	no	n/a	in specie	AUD	CDI 1:1	4,432	4,432
BlackRock Fund Advisors	23-Jul-21	no	n/a	in specie	AUD	CDI 1:1	15,512	15,512
BlackRock Fund Advisors	23-Jul-21	no	n/a	in specie	AUD	CDI 1:1	645	645
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	161	161
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	2,971	2,971
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	946	946

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	1,252	1,252
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	4,784	4,784
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	2,812	2,812
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	1,488	1,488
BlackRock Investment Management (UK) Limited	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	595	595
BlackRock Advisors, LLC	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	7,789	7,789
BlackRock Advisors, LLC	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	1,818	1,818
BLACKROCK FINANCIAL MANAGEMENT, INC.	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	779	779
BlackRock Asset Management Canada Limited	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	1,039	1,039
BlackRock International Limited	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	5,303	5,303
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	1,331	1,331
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	35,321	35,321
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	2,058	2,058
BlackRock Advisors, LLC	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	1,193	1,193
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	28,632	28,632
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	2,144	2,144
BlackRock Advisors (UK) Limited	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	6,604	6,604
BlackRock Advisors (UK) Limited	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	5,223	5,223
BlackRock Investment Management (UK) Limited	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	3,535	3,535
BLACKROCK FINANCIAL MANAGEMENT, INC.	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	895	895
BlackRock Asset Management Canada Limited	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	1,334	1,334
BlackRock Asset Management Canada Limited	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	5,907	5,907
BlackRock Investment Management, LLC	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	1,273	1,273
BLACKROCK FINANCIAL MANAGEMENT, INC.	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	1,417	1,417
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	6,864	6,864
BlackRock Institutional Trust Company, National Association	23-Jul-21	yes	46.43	on mkt buy	AUD	CDI 1:1	5,178	5,178
BLACKROCK FINANCIAL MANAGEMENT, INC.	23-Jul-21	yes	46.37	on mkt buy	AUD	CDI 1:1	1,152	1,152
BLACKROCK FINANCIAL MANAGEMENT, INC.	23-Jul-21	yes	46.41	on mkt buy	AUD	CDI 1:1	1,104	1,104
BlackRock Investment Management (Australia) Limited	23-Jul-21	yes	46.49	on mkt buy	AUD	CDI 1:1	2,470	2,470
BlackRock Fund Advisors	23-Jul-21	no	n/a	in specie	AUD	CDI 1:1	6,648	6,648
BlackRock Japan Co., Ltd.	23-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	11,228	11,228
BlackRock Advisors (UK) Limited	23-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	2,291	2,291
APERIO GROUP LLC	23-Jul-21	no	n/a	in specie	USD	ADR 1:1	363	363
BlackRock Fund Advisors	26-Jul-21	no	n/a	in specie	AUD	CDI 1:1	945	945
BlackRock Fund Advisors	26-Jul-21	no	n/a	in specie	AUD	CDI 1:1	4,432	4,432
BlackRock Fund Advisors	26-Jul-21	no	n/a	in specie	AUD	CDI 1:1	850	850
BlackRock Fund Advisors	26-Jul-21	no	n/a	in specie	AUD	CDI 1:1	4,432	4,432
BlackRock Fund Advisors	26-Jul-21	no	n/a	in specie	AUD	CDI 1:1	78	78
BlackRock Institutional Trust Company, National Association	26-Jul-21	yes	46.42	on mkt buy	AUD	CDI 1:1	167	167
BlackRock Institutional Trust Company, National Association	26-Jul-21	yes	46.42	on mkt buy	AUD	CDI 1:1	2,274	2,274
BlackRock Institutional Trust Company, National Association	26-Jul-21	yes	46.42	on mkt buy	AUD	CDI 1:1	660	660
BlackRock Advisors (UK) Limited	26-Jul-21	yes	46.20	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	26-Jul-21	yes	46.20	on mkt buy	AUD	CDI 1:1	62	62
BlackRock Fund Advisors	26-Jul-21	yes	46.20	on mkt buy	AUD	CDI 1:1	3,597	3,597
BlackRock Asset Management Canada Limited	26-Jul-21	yes	46.20	on mkt buy	AUD	CDI 1:1	95	95
BlackRock Fund Advisors	26-Jul-21	no	n/a	in specie	AUD	CDI 1:1	24,376	24,376
BlackRock Advisors (UK) Limited	26-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	5,472	5,472

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			Cash	Non-cash	CCY			
APERIO GROUP LLC	26-Jul-21	no	n/a	in specie	USD	ADR 1:1	271	271
BlackRock Fund Advisors	27-Jul-21	no	n/a	in specie	AUD	CDI 1:1	378	378
BlackRock Fund Advisors	27-Jul-21	no	n/a	in specie	AUD	CDI 1:1	4,448	4,448
BlackRock Institutional Trust Company, National Association	27-Jul-21	yes	45.99	on mkt buy	AUD	CDI 1:1	133	133
BlackRock Institutional Trust Company, National Association	27-Jul-21	yes	45.99	on mkt buy	AUD	CDI 1:1	1,919	1,919
BlackRock Institutional Trust Company, National Association	27-Jul-21	yes	45.99	on mkt buy	AUD	CDI 1:1	830	830
BlackRock Institutional Trust Company, National Association	27-Jul-21	yes	45.99	on mkt buy	AUD	CDI 1:1	34,243	34,243
BlackRock Investment Management (Australia) Limited	27-Jul-21	yes	45.89	on mkt buy	AUD	CDI 1:1	338	338
BlackRock Advisors (UK) Limited	27-Jul-21	no	n/a	collateral transfer	AUD	CDI 1:1	4,718	4,718
BlackRock Investment Management (UK) Limited	27-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	7,794	7,794
APERIO GROUP LLC	27-Jul-21	no	n/a	in specie	USD	ADR 1:1	625	625
BlackRock Institutional Trust Company, National Association	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	206	206
BlackRock Institutional Trust Company, National Association	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	2,200	2,200
BlackRock Institutional Trust Company, National Association	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,143	1,143
BlackRock Investment Management, LLC	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	2,713	2,713
BlackRock Institutional Trust Company, National Association	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,750	1,750
BlackRock Institutional Trust Company, National Association	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,039	1,039
BlackRock Investment Management (UK) Limited	28-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	7,489	7,489
BlackRock Advisors (UK) Limited	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,167	1,167
BlackRock Japan Co., Ltd.	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	776	776
BlackRock Japan Co., Ltd.	28-Jul-21	yes	45.68	on mkt buy	AUD	CDI 1:1	16,523	16,523
BlackRock Japan Co., Ltd.	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	5,369	5,369
BlackRock Japan Co., Ltd.	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	2,306	2,306
BlackRock Japan Co., Ltd.	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	2,645	2,645
BlackRock Japan Co., Ltd.	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	4,502	4,502
BlackRock Advisors, LLC	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	85	85
BlackRock Investment Management (UK) Limited	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,321	1,321
BlackRock Investment Management (UK) Limited	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	485	485
BLACKROCK FINANCIAL MANAGEMENT, INC.	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,428	1,428
BlackRock Institutional Trust Company, National Association	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	197	197
BlackRock Japan Co., Ltd.	28-Jul-21	yes	45.66	on mkt buy	AUD	CDI 1:1	1,362	1,362
BlackRock Investment Management (UK) Limited	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,504	1,504
BlackRock Investment Management (UK) Limited	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	372	372
BlackRock Investment Management (UK) Limited	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	3,062	3,062
BlackRock Investment Management, LLC	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,161	1,161
BlackRock Investment Management, LLC	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,254	1,254
BlackRock Investment Management, LLC	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	456	456
BlackRock Investment Management, LLC	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	12,043	12,043
BlackRock Institutional Trust Company, National Association	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	939	939
BlackRock Institutional Trust Company, National Association	28-Jul-21	yes	45.65	on mkt buy	AUD	CDI 1:1	1,097	1,097
BlackRock Advisors (UK) Limited	28-Jul-21	yes	45.75	on mkt buy	AUD	CDI 1:1	756	756
BlackRock Fund Advisors	28-Jul-21	no	n/a	in specie	AUD	CDI 1:1	2,880	2,880
BlackRock Fund Advisors	28-Jul-21	no	n/a	in specie	AUD	CDI 1:1	10,956	10,956
BlackRock Advisors (UK) Limited	28-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	51	51
BlackRock Advisors (UK) Limited	28-Jul-21	no	n/a	collateral transfer	AUD	CDI 1:1	266,813	266,813
APERIO GROUP LLC	28-Jul-21	no	n/a	in specie	USD	ADR 1:1	5	5
APERIO GROUP LLC	28-Jul-21	no	n/a	in specie	USD	ADR 1:1	752	752
BlackRock Fund Advisors	29-Jul-21	no	n/a	in specie	AUD	CDI 1:1	804	804
BlackRock Fund Advisors	29-Jul-21	no	n/a	in specie	AUD	CDI 1:1	840	840
BLACKROCK FINANCIAL MANAGEMENT, INC.	29-Jul-21	yes	46.06	on mkt buy	AUD	CDI 1:1	1,296	1,296

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	145	145
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	1,694	1,694
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	1,002	1,002
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	1,601	1,601
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	6,647	6,647
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	3,933	3,933
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	1,995	1,995
BlackRock Investment Management (Australia) Limited	29-Jul-21	yes	46.11	on mkt buy	AUD	CDI 1:1	556	556
BlackRock Advisors, LLC	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	11,577	11,577
BlackRock Advisors, LLC	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	2,641	2,641
BLACKROCK FINANCIAL MANAGEMENT, INC.	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	1,069	1,069
BlackRock Asset Management Canada Limited	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	1,357	1,357
BlackRock International Limited	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	7,097	7,097
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	2,178	2,178
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	2,823	2,823
BLACKROCK FINANCIAL MANAGEMENT, INC.	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	1,388	1,388
BlackRock Advisors, LLC	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	2,578	2,578
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	34,984	34,984
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	3,486	3,486
BlackRock Advisors (UK) Limited	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	8,630	8,630
BlackRock Advisors (UK) Limited	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	6,579	6,579
BlackRock Investment Management (UK) Limited	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	4,327	4,327
BLACKROCK FINANCIAL MANAGEMENT, INC.	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	1,230	1,230
BlackRock Asset Management Canada Limited	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	2,263	2,263
BlackRock Asset Management Canada Limited	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	11,023	11,023
BlackRock Investment Management, LLC	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	1,714	1,714
BLACKROCK FINANCIAL MANAGEMENT, INC.	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	1,702	1,702
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	18,697	18,697
BlackRock Institutional Trust Company, National Association	29-Jul-21	yes	46.10	on mkt buy	AUD	CDI 1:1	8,888	8,888
BlackRock Investment Management (Australia) Limited	29-Jul-21	yes	46.16	on mkt buy	AUD	CDI 1:1	1,420	1,420
BlackRock Asset Management Canada Limited	29-Jul-21	yes	46.16	on mkt buy	AUD	CDI 1:1	99	99
BlackRock Advisors, LLC	29-Jul-21	yes	46.16	on mkt buy	AUD	CDI 1:1	2,350	2,350
BlackRock Investment Management (UK) Limited	29-Jul-21	yes	46.16	on mkt buy	AUD	CDI 1:1	415	415
BlackRock Fund Advisors	29-Jul-21	no	n/a	in specie	AUD	CDI 1:1	5,616	5,616
BlackRock Japan Co., Ltd.	29-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	3	3
BlackRock Advisors (UK) Limited	29-Jul-21	no	n/a	collateral transfer	AUD	CDI 1:1	3,016	3,016
APERIO GROUP LLC	29-Jul-21	no	n/a	in specie	USD	ADR 1:1	336	336
BlackRock Institutional Trust Company, National Association	30-Jul-21	yes	45.71	on mkt buy	AUD	CDI 1:1	97	97
BlackRock Institutional Trust Company, National Association	30-Jul-21	yes	45.71	on mkt buy	AUD	CDI 1:1	1,440	1,440
BlackRock Institutional Trust Company, National Association	30-Jul-21	yes	45.71	on mkt buy	AUD	CDI 1:1	726	726
BlackRock Advisors (UK) Limited	30-Jul-21	yes	45.73	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	30-Jul-21	yes	45.73	on mkt buy	AUD	CDI 1:1	654	654
BlackRock Advisors, LLC	30-Jul-21	yes	45.73	on mkt buy	AUD	CDI 1:1	869	869
BlackRock Advisors (UK) Limited	30-Jul-21	no	n/a	collateral transfer	USD	ADR 1:1	7,748	7,748

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			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	30-Jul-21	no	n/a	collateral transfer	AUD	CDI 1:1	6,810	6,810
APERIO GROUP LLC	30-Jul-21	no	n/a	in specie	AUD	CDI 1:1	2,888	2,888
APERIO GROUP LLC	30-Jul-21	no	n/a	in specie	USD	ADR 1:1	52	52
BlackRock Fund Advisors	02-Aug-21	no	n/a	in specie	AUD	CDI 1:1	2,224	2,224
BlackRock Institutional Trust Company, National Association	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	100	100
BlackRock Institutional Trust Company, National Association	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	1,074	1,074
BlackRock Institutional Trust Company, National Association	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	779	779
BlackRock Institutional Trust Company, National Association	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	1,118	1,118
BlackRock Institutional Trust Company, National Association	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	4,101	4,101
BlackRock Institutional Trust Company, National Association	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	2,288	2,288
BlackRock Institutional Trust Company, National Association	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	1,932	1,932
BlackRock Advisors, LLC	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	708	708
BlackRock Advisors, LLC	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	1,572	1,572
BLACKROCK FINANCIAL MANAGEMENT, INC.	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	802	802
BlackRock Asset Management Canada Limited	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	758	758
BlackRock International Limited	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	5,843	5,843
BlackRock Institutional Trust Company, National Association	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	1,864	1,864
BlackRock Institutional Trust Company, National Association	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	2,069	2,069
BlackRock Advisors (UK) Limited	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	5,441	5,441
BlackRock Advisors (UK) Limited	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	4,289	4,289
BlackRock Investment Management (UK) Limited	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	3,241	3,241
BLACKROCK FINANCIAL MANAGEMENT, INC.	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	1,128	1,128
BlackRock Investment Management, LLC	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	1,237	1,237
BLACKROCK FINANCIAL MANAGEMENT, INC.	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	938	938
BlackRock Institutional Trust Company, National Association	02-Aug-21	yes	46.14	on mkt buy	AUD	CDI 1:1	4,855	4,855
BLACKROCK FINANCIAL MANAGEMENT, INC.	02-Aug-21	yes	45.93	on mkt buy	AUD	CDI 1:1	999	999
BLACKROCK FINANCIAL MANAGEMENT, INC.	02-Aug-21	yes	45.92	on mkt buy	AUD	CDI 1:1	800	800
BlackRock Advisors (UK) Limited	02-Aug-21	yes	46.16	on mkt buy	AUD	CDI 1:1	425	425
BlackRock Fund Advisors	02-Aug-21	no	n/a	in specie	AUD	CDI 1:1	6,640	6,640
BlackRock Advisors (UK) Limited	02-Aug-21	no	n/a	collateral transfer	AUD	CDI 1:1	5,358	5,358
BlackRock Investment Management (UK) Limited	02-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	6,124	6,124
BlackRock Asset Management North Asia Limited	02-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	23	23
BlackRock Fund Advisors	03-Aug-21	no	n/a	in specie	AUD	CDI 1:1	609	609
BlackRock Institutional Trust Company, National Association	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	83	83
BlackRock Institutional Trust Company, National Association	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	726	726
BlackRock Institutional Trust Company, National Association	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	739	739
BlackRock Institutional Trust Company, National Association	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	916	916
BlackRock Institutional Trust Company, National Association	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	1,791	1,791
BlackRock Advisors, LLC	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	2,745	2,745
BlackRock Advisors, LLC	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	1,175	1,175
BLACKROCK FINANCIAL MANAGEMENT, INC.	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	639	639
BlackRock Asset Management Canada Limited	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	718	718
BlackRock Institutional Trust Company, National Association	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	1,552	1,552
BlackRock Institutional Trust Company, National Association	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	1,822	1,822
BlackRock Advisors, LLC	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	900	900

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	16,475	16,475
BlackRock Advisors (UK) Limited	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	4,205	4,205
BlackRock Advisors (UK) Limited	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	3,591	3,591
BlackRock Investment Management (UK) Limited	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	2,262	2,262
BLACKROCK FINANCIAL MANAGEMENT, INC.	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	1,180	1,180
BlackRock Asset Management Canada Limited	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	625	625
BlackRock Asset Management Canada Limited	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	2,422	2,422
BlackRock Investment Management, LLC	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	1,389	1,389
BLACKROCK FINANCIAL MANAGEMENT, INC.	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	751	751
BlackRock Institutional Trust Company, National Association	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	4,327	4,327
BlackRock Institutional Trust Company, National Association	03-Aug-21	yes	46.07	on mkt buy	AUD	CDI 1:1	5,421	5,421
BLACKROCK FINANCIAL MANAGEMENT, INC.	03-Aug-21	yes	46.23	on mkt buy	AUD	CDI 1:1	804	804
BLACKROCK FINANCIAL MANAGEMENT, INC.	03-Aug-21	yes	46.23	on mkt buy	AUD	CDI 1:1	666	666
BlackRock Investment Management, LLC	03-Aug-21	yes	46.13	on mkt buy	AUD	CDI 1:1	1,892	1,892
BlackRock Advisors (UK) Limited	03-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	6,172	6,172
APERIO GROUP LLC	03-Aug-21	no	n/a	in specie	USD	ADR 1:1	5	5
APERIO GROUP LLC	03-Aug-21	no	n/a	in specie	USD	ADR 1:1	257	257
BlackRock Fund Advisors	04-Aug-21	no	n/a	in specie	AUD	CDI 1:1	2,880	2,880
BlackRock Institutional Trust Company, National Association	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	43	43
BlackRock Institutional Trust Company, National Association	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	549	549
BlackRock Institutional Trust Company, National Association	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	988	988
BlackRock Investment Management, LLC	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	1,917	1,917
BlackRock Institutional Trust Company, National Association	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	1,074	1,074
BlackRock Institutional Trust Company, National Association	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	595	595
BlackRock Advisors (UK) Limited	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	610	610
BlackRock Japan Co., Ltd.	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	472	472
BlackRock Japan Co., Ltd.	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	3,285	3,285
BlackRock Japan Co., Ltd.	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	1,353	1,353
BlackRock Japan Co., Ltd.	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	1,564	1,564
BlackRock Japan Co., Ltd.	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	2,968	2,968
BlackRock Advisors, LLC	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	302	302
BlackRock Investment Management (UK) Limited	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	517	517
BlackRock Investment Management (UK) Limited	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	274	274
BLACKROCK FINANCIAL MANAGEMENT, INC.	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	608	608
BlackRock Institutional Trust Company, National Association	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	203	203
BlackRock Investment Management (UK) Limited	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	1,328	1,328
BlackRock Investment Management (UK) Limited	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	209	209
BlackRock Investment Management (UK) Limited	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	865	865
BlackRock Investment Management, LLC	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	493	493
BlackRock Investment Management, LLC	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	1,611	1,611
BlackRock Institutional Trust Company, National Association	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	545	545
BlackRock Institutional Trust Company, National Association	04-Aug-21	yes	45.96	on mkt buy	AUD	CDI 1:1	336	336
BlackRock Investment Management (Australia) Limited	04-Aug-21	yes	45.98	on mkt buy	AUD	CDI 1:1	1,749	1,749
BlackRock Investment Management (Australia) Limited	04-Aug-21	yes	45.98	on mkt buy	AUD	CDI 1:1	232	232
BlackRock Investment Management (Australia) Limited	04-Aug-21	yes	45.98	on mkt buy	AUD	CDI 1:1	2,542	2,542
BlackRock Japan Co., Ltd.	04-Aug-21	yes	46.01	on mkt buy	AUD	CDI 1:1	10,384	10,384
BlackRock Investment Management (UK) Limited	04-Aug-21	yes	46.01	on mkt buy	AUD	CDI 1:1	6,668	6,668

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			Cash	Non-cash	CCY			
BlackRock Japan Co., Ltd.	04-Aug-21	yes	46.01	on mkt buy	AUD	CDI 1:1	504	504
BlackRock Advisors (UK) Limited	04-Aug-21	yes	46.20	on mkt buy	AUD	CDI 1:1	60	60
BlackRock Advisors (UK) Limited	04-Aug-21	yes	46.20	on mkt buy	AUD	CDI 1:1	280	280
BlackRock Advisors (UK) Limited	04-Aug-21	yes	46.20	on mkt buy	AUD	CDI 1:1	2,243	2,243
BlackRock Advisors (UK) Limited	04-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	3,600	3,600
APERIO GROUP LLC	04-Aug-21	no	n/a	in specie	USD	ADR 1:1	1,179	1,179
BlackRock Institutional Trust Company, National Association	05-Aug-21	yes	47.39	on mkt buy	AUD	CDI 1:1	88	88
BlackRock Institutional Trust Company, National Association	05-Aug-21	yes	47.39	on mkt buy	AUD	CDI 1:1	787	787
BlackRock Institutional Trust Company, National Association	05-Aug-21	yes	47.39	on mkt buy	AUD	CDI 1:1	795	795
BlackRock Investment Management (Australia) Limited	05-Aug-21	yes	47.39	on mkt buy	AUD	CDI 1:1	2,170	2,170
BlackRock Institutional Trust Company, National Association	05-Aug-21	yes	47.39	on mkt buy	AUD	CDI 1:1	19,650	19,650
BlackRock Advisors (UK) Limited	05-Aug-21	yes	47.36	on mkt buy	AUD	CDI 1:1	840	840
BlackRock Advisors (UK) Limited	05-Aug-21	yes	47.36	on mkt buy	AUD	CDI 1:1	774	774
BlackRock Advisors (UK) Limited	05-Aug-21	yes	47.36	on mkt buy	AUD	CDI 1:1	100	100
BlackRock Advisors (UK) Limited	05-Aug-21	no	n/a	collateral transfer	AUD	CDI 1:1	35,397	35,397
BlackRock Investment Management (UK) Limited	05-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	4,524	4,524
APERIO GROUP LLC	05-Aug-21	no	n/a	in specie	USD	ADR 1:1	91	91
BlackRock Fund Advisors	06-Aug-21	no	n/a	in specie	AUD	CDI 1:1	768	768
BlackRock Institutional Trust Company, National Association	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	30	30
BlackRock Institutional Trust Company, National Association	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	269	269
BlackRock Institutional Trust Company, National Association	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	501	501
BlackRock Institutional Trust Company, National Association	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	1,576	1,576
BlackRock Institutional Trust Company, National Association	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	980	980
BlackRock Investment Management (Australia) Limited	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	1,713	1,713
BlackRock Advisors, LLC	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	3,034	3,034
BlackRock Advisors, LLC	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	680	680
BLACKROCK FINANCIAL MANAGEMENT, INC.	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	339	339
BlackRock Investment Management (Australia) Limited	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	140	140
BlackRock International Limited	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	2,551	2,551
BlackRock Institutional Trust Company, National Association	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	652	652
BlackRock Institutional Trust Company, National Association	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	867	867
BlackRock Advisors, LLC	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	822	822
BlackRock Institutional Trust Company, National Association	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	11,324	11,324
BlackRock Institutional Trust Company, National Association	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	1,101	1,101
BlackRock Advisors (UK) Limited	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	2,793	2,793
BlackRock Advisors (UK) Limited	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	2,174	2,174
BlackRock Investment Management (UK) Limited	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	1,656	1,656
BLACKROCK FINANCIAL MANAGEMENT, INC.	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	792	792
BlackRock Asset Management Canada Limited	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	754	754
BlackRock Asset Management Canada Limited	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	3,813	3,813
BlackRock Investment Management, LLC	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	621	621
BLACKROCK FINANCIAL MANAGEMENT, INC.	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	527	527
BlackRock Institutional Trust Company, National Association	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	7,706	7,706
BlackRock Institutional Trust Company, National Association	06-Aug-21	yes	48.03	on mkt buy	AUD	CDI 1:1	2,534	2,534
BLACKROCK FINANCIAL MANAGEMENT, INC.	06-Aug-21	yes	48.08	on mkt buy	AUD	CDI 1:1	500	500
BlackRock Advisors (UK) Limited	06-Aug-21	yes	48.13	on mkt buy	AUD	CDI 1:1	141	141
BlackRock Advisors (UK) Limited	06-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	11,352	11,352

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			Cash	Non-cash	CCY			
APERIO GROUP LLC	06-Aug-21	no	n/a	in specie	USD	ADR 1:1	183	183
BlackRock Institutional Trust Company, National Association	09-Aug-21	yes	48.07	on mkt buy	AUD	CDI 1:1	287	287
BlackRock Institutional Trust Company, National Association	09-Aug-21	yes	48.07	on mkt buy	AUD	CDI 1:1	18,326	18,326
BlackRock Advisors (UK) Limited	09-Aug-21	yes	47.93	on mkt buy	AUD	CDI 1:1	60	60
BlackRock Advisors (UK) Limited	09-Aug-21	no	n/a	collateral transfer	AUD	CDI 1:1	3,486	3,486
APERIO GROUP LLC	09-Aug-21	no	n/a	in specie	USD	ADR 1:1	1,072	1,072
BlackRock Institutional Trust Company, National Association	10-Aug-21	yes	49.60	on mkt buy	AUD	CDI 1:1	234	234
BlackRock Institutional Trust Company, National Association	10-Aug-21	yes	49.60	on mkt buy	AUD	CDI 1:1	7,054	7,054
BlackRock Investment Management (UK) Limited	10-Aug-21	yes	49.89	on mkt buy	AUD	CDI 1:1	11,936	11,936
BlackRock Advisors (UK) Limited	10-Aug-21	yes	49.32	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	10-Aug-21	yes	49.32	on mkt buy	AUD	CDI 1:1	2,180	2,180
APERIO GROUP LLC	10-Aug-21	no	n/a	in specie	USD	ADR 1:1	76	76
APERIO GROUP LLC	10-Aug-21	no	n/a	in specie	USD	ADR 1:1	818	818
BlackRock Investment Management, LLC	11-Aug-21	yes	50.20	on mkt buy	AUD	CDI 1:1	507	507
BlackRock Advisors (UK) Limited	11-Aug-21	yes	50.20	on mkt buy	AUD	CDI 1:1	292	292
BlackRock Japan Co., Ltd.	11-Aug-21	yes	50.20	on mkt buy	AUD	CDI 1:1	749	749
BlackRock Japan Co., Ltd.	11-Aug-21	yes	50.20	on mkt buy	AUD	CDI 1:1	431	431
BlackRock Japan Co., Ltd.	11-Aug-21	yes	50.20	on mkt buy	AUD	CDI 1:1	495	495
BlackRock Japan Co., Ltd.	11-Aug-21	yes	50.20	on mkt buy	AUD	CDI 1:1	710	710
BlackRock Investment Management (UK) Limited	11-Aug-21	yes	50.20	on mkt buy	AUD	CDI 1:1	1,108	1,108
BlackRock Institutional Trust Company, National Association	11-Aug-21	yes	50.18	on mkt buy	AUD	CDI 1:1	442	442
BlackRock Institutional Trust Company, National Association	11-Aug-21	yes	50.19	on mkt buy	AUD	CDI 1:1	1,876	1,876
BlackRock Institutional Trust Company, National Association	11-Aug-21	yes	50.19	on mkt buy	AUD	CDI 1:1	681	681
BlackRock Institutional Trust Company, National Association	11-Aug-21	yes	50.19	on mkt buy	AUD	CDI 1:1	675	675
BlackRock Investment Management (Australia) Limited	11-Aug-21	yes	50.17	on mkt buy	AUD	CDI 1:1	16,741	16,741
BlackRock Investment Management (Australia) Limited	11-Aug-21	yes	50.17	on mkt buy	AUD	CDI 1:1	1,363	1,363
BlackRock Investment Management (Australia) Limited	11-Aug-21	yes	50.17	on mkt buy	AUD	CDI 1:1	24,828	24,828
BlackRock Japan Co., Ltd.	11-Aug-21	yes	50.19	on mkt buy	AUD	CDI 1:1	1,667	1,667
BlackRock Japan Co., Ltd.	11-Aug-21	yes	50.18	on mkt buy	AUD	CDI 1:1	3,155	3,155
BlackRock Investment Management (Australia) Limited	11-Aug-21	yes	50.00	on mkt buy	AUD	CDI 1:1	35,470	35,470
BlackRock Advisors (UK) Limited	11-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	10,990	10,990
BlackRock Investment Management (UK) Limited	11-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	7,125	7,125
APERIO GROUP LLC	11-Aug-21	no	n/a	in specie	USD	ADR 1:1	944	944
APERIO GROUP LLC	11-Aug-21	no	n/a	in specie	USD	ADR 1:1	233	233
BlackRock Fund Advisors	12-Aug-21	no	n/a	in specie	AUD	CDI 1:1	82	82
BlackRock Institutional Trust Company, National Association	12-Aug-21	yes	50.40	on mkt buy	AUD	CDI 1:1	370	370
BlackRock Institutional Trust Company, National Association	12-Aug-21	yes	50.40	on mkt buy	AUD	CDI 1:1	452	452
BlackRock Advisors, LLC	12-Aug-21	yes	50.40	on mkt buy	AUD	CDI 1:1	1,021	1,021
BlackRock Institutional Trust Company, National Association	12-Aug-21	yes	50.40	on mkt buy	AUD	CDI 1:1	1,387	1,387
BlackRock Advisors, LLC	12-Aug-21	yes	50.40	on mkt buy	AUD	CDI 1:1	342	342
BlackRock Institutional Trust Company, National Association	12-Aug-21	yes	50.40	on mkt buy	AUD	CDI 1:1	4,241	4,241
BlackRock Institutional Trust Company, National Association	12-Aug-21	yes	50.40	on mkt buy	AUD	CDI 1:1	693	693
BlackRock Asset Management Canada Limited	12-Aug-21	yes	50.40	on mkt buy	AUD	CDI 1:1	330	330
BlackRock Asset Management Canada Limited	12-Aug-21	yes	50.40	on mkt buy	AUD	CDI 1:1	1,403	1,403
BlackRock Institutional Trust Company, National Association	12-Aug-21	yes	50.40	on mkt buy	AUD	CDI 1:1	1,280	1,280
BlackRock Institutional Trust Company, National Association	12-Aug-21	yes	50.40	on mkt buy	AUD	CDI 1:1	2,306	2,306
BlackRock Investment Management (Australia) Limited	12-Aug-21	yes	50.39	on mkt buy	AUD	CDI 1:1	31,338	31,338
BlackRock Advisors (UK) Limited	12-Aug-21	yes	50.39	on mkt buy	AUD	CDI 1:1	1,005	1,005
BlackRock Advisors (UK) Limited	12-Aug-21	yes	50.39	on mkt buy	AUD	CDI 1:1	560	560

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			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	12-Aug-21	yes	50.39	on mkt buy	AUD	CDI 1:1	60	60
BlackRock Investment Management, LLC	12-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	1,282	1,282
APERIO GROUP LLC	12-Aug-21	no	n/a	in specie	AUD	CDI 1:1	2,547	2,547
APERIO GROUP LLC	12-Aug-21	no	n/a	in specie	USD	ADR 1:1	338	338
BlackRock Fund Advisors	13-Aug-21	no	n/a	in specie	AUD	CDI 1:1	1,183	1,183
BlackRock Institutional Trust Company, National Association	13-Aug-21	yes	51.03	on mkt buy	AUD	CDI 1:1	751	751
BlackRock Institutional Trust Company, National Association	13-Aug-21	yes	51.08	on mkt buy	AUD	CDI 1:1	2,745	2,745
BlackRock Institutional Trust Company, National Association	13-Aug-21	yes	51.08	on mkt buy	AUD	CDI 1:1	752	752
BlackRock Institutional Trust Company, National Association	13-Aug-21	yes	51.08	on mkt buy	AUD	CDI 1:1	753	753
BlackRock Investment Management (Australia) Limited	13-Aug-21	yes	51.09	on mkt buy	AUD	CDI 1:1	13,147	13,147
BlackRock Investment Management (Australia) Limited	13-Aug-21	yes	51.09	on mkt buy	AUD	CDI 1:1	1,583	1,583
BlackRock Investment Management (Australia) Limited	13-Aug-21	yes	51.09	on mkt buy	AUD	CDI 1:1	26,092	26,092
BlackRock Investment Management (Australia) Limited	13-Aug-21	yes	51.12	on mkt buy	AUD	CDI 1:1	2,130	2,130
BlackRock Investment Management (Australia) Limited	13-Aug-21	yes	51.12	on mkt buy	AUD	CDI 1:1	602	602
BlackRock Fund Advisors	13-Aug-21	no	n/a	in specie	AUD	CDI 1:1	1,892	1,892
BlackRock Investment Management (Australia) Limited	13-Aug-21	no	n/a	in specie	AUD	CDI 1:1	70,445	70,445
BlackRock Advisors (UK) Limited	13-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	182	182
BlackRock Investment Management (Australia) Limited	16-Aug-21	no	n/a	in specie	AUD	CDI 1:1	95,483	95,483
BlackRock Institutional Trust Company, National Association	16-Aug-21	yes	51.05	on mkt buy	AUD	CDI 1:1	576	576
BlackRock Institutional Trust Company, National Association	16-Aug-21	yes	51.05	on mkt buy	AUD	CDI 1:1	574	574
BlackRock Advisors (UK) Limited	16-Aug-21	yes	51.43	on mkt buy	AUD	CDI 1:1	5,081	5,081
BlackRock Investment Management (Australia) Limited	16-Aug-21	yes	51.03	on mkt buy	AUD	CDI 1:1	2,892	2,892
BlackRock Advisors (UK) Limited	16-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	217	217
APERIO GROUP LLC	16-Aug-21	no	n/a	in specie	USD	ADR 1:1	545	545
BlackRock Fund Advisors	17-Aug-21	no	n/a	in specie	AUD	CDI 1:1	630	630
BlackRock Fund Advisors	17-Aug-21	no	n/a	in specie	AUD	CDI 1:1	4,316	4,316
BlackRock Fund Advisors	17-Aug-21	no	n/a	in specie	AUD	CDI 1:1	2,592	2,592
BlackRock Investment Management (UK) Limited	17-Aug-21	yes	50.91	on mkt buy	AUD	CDI 1:1	4,468	4,468
BlackRock Institutional Trust Company, National Association	17-Aug-21	yes	51.17	on mkt buy	AUD	CDI 1:1	36	36
BlackRock Institutional Trust Company, National Association	17-Aug-21	yes	51.17	on mkt buy	AUD	CDI 1:1	823	823
BlackRock Advisors, LLC	17-Aug-21	yes	51.16	on mkt buy	AUD	CDI 1:1	937	937
BlackRock Advisors, LLC	17-Aug-21	yes	51.16	on mkt buy	AUD	CDI 1:1	341	341
BlackRock Institutional Trust Company, National Association	17-Aug-21	yes	51.16	on mkt buy	AUD	CDI 1:1	3,507	3,507
BlackRock Institutional Trust Company, National Association	17-Aug-21	yes	51.16	on mkt buy	AUD	CDI 1:1	456	456
BlackRock Asset Management Canada Limited	17-Aug-21	yes	51.16	on mkt buy	AUD	CDI 1:1	325	325
BlackRock Asset Management Canada Limited	17-Aug-21	yes	51.16	on mkt buy	AUD	CDI 1:1	1,287	1,287
BlackRock Institutional Trust Company, National Association	17-Aug-21	yes	51.16	on mkt buy	AUD	CDI 1:1	1,651	1,651
BlackRock Institutional Trust Company, National Association	17-Aug-21	yes	51.16	on mkt buy	AUD	CDI 1:1	2,099	2,099
BlackRock Investment Management (UK) Limited	17-Aug-21	no	n/a	in specie	AUD	CDI 1:1	7,372	7,372
BlackRock Advisors (UK) Limited	17-Aug-21	no	n/a	collateral transfer	AUD	CDI 1:1	5	5
BlackRock Investment Management, LLC	17-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	159	159
APERIO GROUP LLC	17-Aug-21	no	n/a	in specie	USD	ADR 1:1	139	139
BlackRock Investment Management (Australia) Limited	18-Aug-21	no	n/a	in specie	AUD	CDI 1:1	133,391	133,391
BlackRock Fund Advisors	18-Aug-21	no	n/a	in specie	AUD	CDI 1:1	639	639
BlackRock Fund Advisors	18-Aug-21	no	n/a	in specie	AUD	CDI 1:1	252	252
BlackRock Fund Advisors	18-Aug-21	no	n/a	in specie	AUD	CDI 1:1	252	252

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	18-Aug-21	yes	51.72	on mkt buy	AUD	CDI 1:1	316	316
BlackRock Institutional Trust Company, National Association	18-Aug-21	yes	51.72	on mkt buy	AUD	CDI 1:1	1,613	1,613
BlackRock Investment Management (UK) Limited	18-Aug-21	yes	51.72	on mkt buy	AUD	CDI 1:1	8,542	8,542
BlackRock Advisors, LLC	18-Aug-21	yes	51.72	on mkt buy	AUD	CDI 1:1	18	18
BlackRock Japan Co., Ltd.	18-Aug-21	yes	51.72	on mkt buy	AUD	CDI 1:1	1,010	1,010
BlackRock Investment Management (UK) Limited	18-Aug-21	yes	51.72	on mkt buy	AUD	CDI 1:1	1,046	1,046
BlackRock Investment Management, LLC	18-Aug-21	yes	51.72	on mkt buy	AUD	CDI 1:1	1,377	1,377
BlackRock Advisors (UK) Limited	18-Aug-21	yes	51.68	on mkt buy	AUD	CDI 1:1	180	180
BlackRock Advisors (UK) Limited	18-Aug-21	yes	51.68	on mkt buy	AUD	CDI 1:1	248	248
BlackRock Asset Management Canada Limited	18-Aug-21	yes	51.68	on mkt buy	AUD	CDI 1:1	94	94
BlackRock Fund Advisors	18-Aug-21	no	n/a	in specie	AUD	CDI 1:1	5,676	5,676
APERIO GROUP LLC	18-Aug-21	no	n/a	in specie	USD	ADR 1:1	96	96
BlackRock Fund Advisors	19-Aug-21	no	n/a	in specie	AUD	CDI 1:1	82	82
BlackRock Institutional Trust Company, National Association	19-Aug-21	yes	52.65	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Institutional Trust Company, National Association	19-Aug-21	yes	52.65	on mkt buy	AUD	CDI 1:1	1,142	1,142
BlackRock Investment Management (Australia) Limited	19-Aug-21	yes	52.71	on mkt buy	AUD	CDI 1:1	5,302	5,302
BlackRock Advisors (UK) Limited	19-Aug-21	yes	52.71	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	19-Aug-21	yes	52.71	on mkt buy	AUD	CDI 1:1	172	172
BlackRock Investment Management (Australia) Limited	19-Aug-21	yes	52.71	on mkt buy	AUD	CDI 1:1	1,002	1,002
BlackRock Investment Management, LLC	19-Aug-21	yes	52.71	on mkt buy	AUD	CDI 1:1	855	855
BlackRock Advisors (UK) Limited	19-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	9,604	9,604
BlackRock Advisors (UK) Limited	19-Aug-21	no	n/a	collateral transfer	AUD	CDI 1:1	2,137	2,137
APERIO GROUP LLC	19-Aug-21	no	n/a	in specie	USD	ADR 1:1	287	287
BlackRock Fund Advisors	20-Aug-21	no	n/a	in specie	AUD	CDI 1:1	4,398	4,398
BlackRock Fund Advisors	20-Aug-21	no	n/a	in specie	AUD	CDI 1:1	1,700	1,700
BlackRock Institutional Trust Company, National Association	20-Aug-21	yes	53.18	on mkt buy	AUD	CDI 1:1	114	114
BlackRock Institutional Trust Company, National Association	20-Aug-21	yes	53.18	on mkt buy	AUD	CDI 1:1	1,249	1,249
BlackRock Institutional Trust Company, National Association	20-Aug-21	yes	53.12	on mkt buy	AUD	CDI 1:1	1,580	1,580
BlackRock Investment Management, LLC	20-Aug-21	yes	53.12	on mkt buy	AUD	CDI 1:1	1,125	1,125
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Aug-21	yes	53.12	on mkt buy	AUD	CDI 1:1	1,860	1,860
BlackRock Institutional Trust Company, National Association	20-Aug-21	yes	53.12	on mkt buy	AUD	CDI 1:1	13,255	13,255
BLACKROCK FINANCIAL MANAGEMENT, INC.	20-Aug-21	yes	53.10	on mkt buy	AUD	CDI 1:1	811	811
BlackRock Investment Management, LLC	20-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	97	97
APERIO GROUP LLC	20-Aug-21	no	n/a	in specie	USD	ADR 1:1	1,215	1,215
BlackRock Institutional Trust Company, National Association	23-Aug-21	yes	53.21	on mkt buy	AUD	CDI 1:1	79	79
BlackRock Institutional Trust Company, National Association	23-Aug-21	yes	53.21	on mkt buy	AUD	CDI 1:1	730	730
BlackRock Institutional Trust Company, National Association	23-Aug-21	yes	53.21	on mkt buy	AUD	CDI 1:1	2,846	2,846
BlackRock Institutional Trust Company, National Association	23-Aug-21	yes	53.21	on mkt buy	AUD	CDI 1:1	11,947	11,947
BlackRock Investment Management (Australia) Limited	23-Aug-21	yes	53.34	on mkt buy	AUD	CDI 1:1	710	710
BlackRock Advisors (UK) Limited	23-Aug-21	yes	53.23	on mkt buy	AUD	CDI 1:1	1,806	1,806
BlackRock Advisors (UK) Limited	23-Aug-21	yes	53.34	on mkt buy	AUD	CDI 1:1	774	774
BlackRock Institutional Trust Company, National Association	23-Aug-21	yes	53.34	on mkt buy	AUD	CDI 1:1	8,038	8,038
BlackRock Advisors (UK) Limited	23-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	1,595	1,595
BlackRock Advisors (UK) Limited	23-Aug-21	no	n/a	collateral transfer	AUD	CDI 1:1	305	305
BlackRock Investment Management, LLC	23-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	117	117
APERIO GROUP LLC	23-Aug-21	no	n/a	in specie	USD	ADR 1:1	371	371
BlackRock Institutional Trust Company, National Association	24-Aug-21	yes	53.98	on mkt buy	AUD	CDI 1:1	65	65

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	24-Aug-21	yes	53.98	on mkt buy	AUD	CDI 1:1	662	662
BlackRock Institutional Trust Company, National Association	24-Aug-21	yes	53.98	on mkt buy	AUD	CDI 1:1	1,127	1,127
BlackRock Institutional Trust Company, National Association	24-Aug-21	yes	53.98	on mkt buy	AUD	CDI 1:1	13,764	13,764
BlackRock Advisors (UK) Limited	24-Aug-21	yes	53.78	on mkt buy	AUD	CDI 1:1	420	420
BlackRock Institutional Trust Company, National Association	24-Aug-21	yes	53.78	on mkt buy	AUD	CDI 1:1	17,347	17,347
BlackRock Advisors (UK) Limited	24-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	783	783
BlackRock Advisors (UK) Limited	24-Aug-21	no	n/a	collateral transfer	AUD	CDI 1:1	48,047	48,047
BlackRock Investment Management, LLC	24-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	46	46
BlackRock Institutional Trust Company, National Association	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	92	92
BlackRock Institutional Trust Company, National Association	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	892	892
BlackRock Institutional Trust Company, National Association	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	1,614	1,614
BlackRock Investment Management, LLC	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	612	612
BlackRock Institutional Trust Company, National Association	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	94	94
BlackRock Advisors (UK) Limited	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	1,152	1,152
BlackRock Investment Management (UK) Limited	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	1,504	1,504
BlackRock Japan Co., Ltd.	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	1,166	1,166
BlackRock Japan Co., Ltd.	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	1,495	1,495
BlackRock Japan Co., Ltd.	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	1,678	1,678
BlackRock Japan Co., Ltd.	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	705	705
BlackRock Advisors, LLC	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	376	376
BLACKROCK FINANCIAL MANAGEMENT, INC.	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	1,083	1,083
BlackRock Investment Management (UK) Limited	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	4,868	4,868
BlackRock Investment Management, LLC	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	1,209	1,209
BlackRock Investment Management, LLC	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	1,174	1,174
BlackRock Investment Management, LLC	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	10,352	10,352
BlackRock Institutional Trust Company, National Association	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	265	265
BlackRock Institutional Trust Company, National Association	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	598	598
BlackRock Investment Management (UK) Limited	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	12,581	12,581
BlackRock Institutional Trust Company, National Association	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	3,144	3,144
BlackRock Japan Co., Ltd.	25-Aug-21	yes	54.34	on mkt buy	AUD	CDI 1:1	3,853	3,853
BlackRock Investment Management (Australia) Limited	25-Aug-21	yes	54.12	on mkt buy	AUD	CDI 1:1	9,230	9,230
BlackRock Investment Management (Australia) Limited	25-Aug-21	yes	54.12	on mkt buy	AUD	CDI 1:1	6,266	6,266
BlackRock Advisors (UK) Limited	25-Aug-21	yes	54.12	on mkt buy	AUD	CDI 1:1	3,027	3,027
BlackRock Investment Management (Australia) Limited	25-Aug-21	yes	54.12	on mkt buy	AUD	CDI 1:1	155	155
BlackRock Japan Co., Ltd.	25-Aug-21	yes	54.12	on mkt buy	AUD	CDI 1:1	3,135	3,135
BlackRock Advisors (UK) Limited	25-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	246	246
BlackRock Advisors (UK) Limited	25-Aug-21	no	n/a	collateral transfer	AUD	CDI 1:1	6,105	6,105
APERIO GROUP LLC	25-Aug-21	no	n/a	in specie	USD	ADR 1:1	30	30
APERIO GROUP LLC	25-Aug-21	no	n/a	in specie	USD	ADR 1:1	130	130
BlackRock Fund Advisors	26-Aug-21	no	n/a	in specie	AUD	CDI 1:1	3,320	3,320
BlackRock Fund Advisors	26-Aug-21	no	n/a	in specie	AUD	CDI 1:1	1,014	1,014
BlackRock Fund Advisors	26-Aug-21	no	n/a	in specie	AUD	CDI 1:1	378	378
BlackRock Institutional Trust Company, National Association	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	60	60
BlackRock Institutional Trust Company, National Association	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	567	567
BlackRock Institutional Trust Company, National Association	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	1,114	1,114
BlackRock Institutional Trust Company, National Association	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	297	297
BlackRock Advisors, LLC	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	5,136	5,136
BlackRock Institutional Trust Company, National Association	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	1,479	1,479

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	759	759
BLACKROCK FINANCIAL MANAGEMENT, INC.	26-Aug-21	yes	53.18	on mkt buy	AUD	CDI 1:1	596	596
BlackRock Advisors, LLC	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	1,392	1,392
BlackRock Institutional Trust Company, National Association	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	16,261	16,261
BlackRock Institutional Trust Company, National Association	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	1,860	1,860
BlackRock Advisors (UK) Limited	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	927	927
BlackRock Advisors (UK) Limited	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	731	731
BlackRock Asset Management Canada Limited	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	1,274	1,274
BlackRock Asset Management Canada Limited	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	6,091	6,091
BLACKROCK FINANCIAL MANAGEMENT, INC.	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	1,185	1,185
BlackRock Institutional Trust Company, National Association	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	7,544	7,544
BlackRock Institutional Trust Company, National Association	26-Aug-21	yes	53.19	on mkt buy	AUD	CDI 1:1	6,727	6,727
BlackRock Advisors (UK) Limited	26-Aug-21	yes	53.21	on mkt buy	AUD	CDI 1:1	30	30
BlackRock Advisors (UK) Limited	26-Aug-21	yes	53.21	on mkt buy	AUD	CDI 1:1	180	180
BlackRock Advisors (UK) Limited	26-Aug-21	no	n/a	collateral transfer	AUD	CDI 1:1	392	392
APERIO GROUP LLC	26-Aug-21	no	n/a	in specie	USD	ADR 1:1	540	540
BlackRock Fund Advisors	27-Aug-21	no	n/a	in specie	AUD	CDI 1:1	2,151	2,151
BlackRock Institutional Trust Company, National Association	27-Aug-21	yes	52.67	on mkt buy	AUD	CDI 1:1	39	39
BlackRock Institutional Trust Company, National Association	27-Aug-21	yes	52.67	on mkt buy	AUD	CDI 1:1	365	365
BlackRock Institutional Trust Company, National Association	27-Aug-21	yes	52.67	on mkt buy	AUD	CDI 1:1	688	688
BlackRock Institutional Trust Company, National Association	27-Aug-21	yes	52.67	on mkt buy	AUD	CDI 1:1	14,094	14,094
BlackRock Investment Management (Australia) Limited	27-Aug-21	yes	52.66	on mkt buy	AUD	CDI 1:1	9,640	9,640
BLACKROCK FINANCIAL MANAGEMENT, INC.	27-Aug-21	yes	52.66	on mkt buy	AUD	CDI 1:1	628	628
BlackRock Investment Management (Australia) Limited	27-Aug-21	yes	52.66	on mkt buy	AUD	CDI 1:1	3,084	3,084
BlackRock Advisors (UK) Limited	27-Aug-21	no	n/a	collateral transfer	AUD	CDI 1:1	262	262
APERIO GROUP LLC	27-Aug-21	no	n/a	in specie	USD	ADR 1:1	62	62
APERIO GROUP LLC	27-Aug-21	no	n/a	in specie	USD	ADR 1:1	193	193
BlackRock Institutional Trust Company, National Association	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	103	103
BlackRock Institutional Trust Company, National Association	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	779	779
BlackRock Institutional Trust Company, National Association	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	387	387
BlackRock Advisors, LLC	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	5,410	5,410
BlackRock International Limited	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	1,165	1,165
BlackRock Institutional Trust Company, National Association	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	1,416	1,416
BlackRock Institutional Trust Company, National Association	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	637	637
BLACKROCK FINANCIAL MANAGEMENT, INC.	30-Aug-21	yes	52.73	on mkt buy	AUD	CDI 1:1	487	487
BlackRock Advisors, LLC	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	1,399	1,399
BlackRock Institutional Trust Company, National Association	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	16,215	16,215
BlackRock Institutional Trust Company, National Association	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	1,915	1,915
BlackRock Advisors (UK) Limited	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	1,147	1,147
BlackRock Advisors (UK) Limited	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	923	923
BlackRock Investment Management (UK) Limited	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	486	486
BlackRock Asset Management Canada Limited	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	1,350	1,350
BlackRock Asset Management Canada Limited	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	6,186	6,186
BlackRock Investment Management, LLC	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	534	534
BLACKROCK FINANCIAL MANAGEMENT, INC.	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	786	786

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	8,488	8,488
BlackRock Institutional Trust Company, National Association	30-Aug-21	yes	52.54	on mkt buy	AUD	CDI 1:1	7,693	7,693
BlackRock Fund Advisors	30-Aug-21	no	n/a	in specie	AUD	CDI 1:1	2,193	2,193
BlackRock Advisors (UK) Limited	30-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	75	75
BlackRock Advisors (UK) Limited	30-Aug-21	no	n/a	collateral transfer	AUD	CDI 1:1	14	14
APERIO GROUP LLC	30-Aug-21	no	n/a	in specie	USD	ADR 1:1	1,059	1,059
BlackRock Fund Advisors	31-Aug-21	no	n/a	in specie	AUD	CDI 1:1	1,160	1,160
BlackRock Fund Advisors	31-Aug-21	no	n/a	in specie	AUD	CDI 1:1	328	328
BlackRock Institutional Trust Company, National Association	31-Aug-21	yes	52.76	on mkt buy	AUD	CDI 1:1	511	511
BlackRock Advisors, LLC	31-Aug-21	yes	52.92	on mkt buy	AUD	CDI 1:1	3,823	3,823
BlackRock Institutional Trust Company, National Association	31-Aug-21	yes	52.92	on mkt buy	AUD	CDI 1:1	1,360	1,360
BlackRock Institutional Trust Company, National Association	31-Aug-21	yes	52.92	on mkt buy	AUD	CDI 1:1	323	323
BlackRock Advisors, LLC	31-Aug-21	yes	52.92	on mkt buy	AUD	CDI 1:1	1,089	1,089
BlackRock Institutional Trust Company, National Association	31-Aug-21	yes	52.92	on mkt buy	AUD	CDI 1:1	9,672	9,672
BlackRock Institutional Trust Company, National Association	31-Aug-21	yes	52.92	on mkt buy	AUD	CDI 1:1	1,204	1,204
BlackRock Asset Management Canada Limited	31-Aug-21	yes	52.92	on mkt buy	AUD	CDI 1:1	886	886
BlackRock Asset Management Canada Limited	31-Aug-21	yes	52.92	on mkt buy	AUD	CDI 1:1	3,656	3,656
BlackRock Investment Management, LLC	31-Aug-21	yes	52.92	on mkt buy	AUD	CDI 1:1	302	302
BLACKROCK FINANCIAL MANAGEMENT, INC.	31-Aug-21	yes	52.92	on mkt buy	AUD	CDI 1:1	464	464
BlackRock Institutional Trust Company, National Association	31-Aug-21	yes	52.92	on mkt buy	AUD	CDI 1:1	7,651	7,651
BlackRock Institutional Trust Company, National Association	31-Aug-21	yes	52.92	on mkt buy	AUD	CDI 1:1	6,698	6,698
BlackRock Investment Management (Australia) Limited	31-Aug-21	yes	52.76	on mkt buy	AUD	CDI 1:1	159	159
BlackRock Investment Management (Australia) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	1,446	1,446
BlackRock Investment Management (UK) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	389	389
BlackRock Investment Management, LLC	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	386	386
BlackRock Asset Management Canada Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	26,109	26,109
BlackRock Investment Management (UK) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	98	98
BlackRock (Singapore) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	4,415	4,415
BlackRock Investment Management (UK) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	607	607
BlackRock Investment Management (UK) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	743	743
BlackRock Investment Management (UK) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	1,167	1,167
BlackRock Investment Management, LLC	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	1,157	1,157
BlackRock Asset Management Canada Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	78,330	78,330
BlackRock Investment Management (UK) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	292	292
BlackRock Investment Management (UK) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	1,822	1,822
BlackRock Investment Management (UK) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	2,230	2,230
BlackRock Investment Management, LLC	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	2,152	2,152
BlackRock (Singapore) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	6,161	6,161
BlackRock Investment Management (UK) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	3,390	3,390
BlackRock Investment Management (UK) Limited	31-Aug-21	yes	53.04	on mkt buy	AUD	CDI 1:1	4,147	4,147
BlackRock Advisors (UK) Limited	31-Aug-21	no	n/a	in specie	AUD	CDI 1:1	7,261	7,261
BlackRock Advisors (UK) Limited	31-Aug-21	no	n/a	collateral transfer	AUD	CDI 1:1	10,288	10,288
BlackRock Investment Management, LLC	31-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	290	290
BlackRock Investment Management (UK) Limited	31-Aug-21	no	n/a	collateral transfer	USD	ADR 1:1	490	490
APERIO GROUP LLC	31-Aug-21	no	n/a	in specie	USD	ADR 1:1	67	67

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			Cash	Non-cash	CCY			
APERIO GROUP LLC	31-Aug-21	no	n/a	in specie	USD	ADR 1:1	242	242
BlackRock Institutional Trust Company, National Association	01-Sep-21	yes	52.72	on mkt buy	AUD	CDI 1:1	30	30
BlackRock Institutional Trust Company, National Association	01-Sep-21	yes	52.72	on mkt buy	AUD	CDI 1:1	1,392	1,392
BlackRock Investment Management (UK) Limited	01-Sep-21	yes	52.72	on mkt buy	AUD	CDI 1:1	10,294	10,294
BlackRock Institutional Trust Company, National Association	01-Sep-21	yes	52.73	on mkt buy	AUD	CDI 1:1	8,953	8,953
BlackRock Institutional Trust Company, National Association	01-Sep-21	yes	52.73	on mkt buy	AUD	CDI 1:1	2,738	2,738
BlackRock Institutional Trust Company, National Association	01-Sep-21	yes	52.73	on mkt buy	AUD	CDI 1:1	2,726	2,726
BlackRock Investment Management (Australia) Limited	01-Sep-21	yes	52.45	on mkt buy	AUD	CDI 1:1	410	410
BlackRock Advisors (UK) Limited	01-Sep-21	yes	52.97	on mkt buy	AUD	CDI 1:1	60	60
BlackRock Advisors (UK) Limited	01-Sep-21	yes	52.97	on mkt buy	AUD	CDI 1:1	90	90
BlackRock Advisors (UK) Limited	01-Sep-21	yes	52.97	on mkt buy	AUD	CDI 1:1	420	420
BlackRock Advisors (UK) Limited	01-Sep-21	yes	52.97	on mkt buy	AUD	CDI 1:1	261	261
BlackRock Advisors (UK) Limited	01-Sep-21	yes	52.97	on mkt buy	AUD	CDI 1:1	248	248
BlackRock Investment Management (UK) Limited	01-Sep-21	yes	52.97	on mkt buy	AUD	CDI 1:1	1,151	1,151
BlackRock Fund Advisors	01-Sep-21	no	n/a	in specie	AUD	CDI 1:1	82	82
BlackRock Advisors (UK) Limited	01-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	11,908	11,908
APERIO GROUP LLC	01-Sep-21	no	n/a	in specie	USD	ADR 1:1	48	48
APERIO GROUP LLC	01-Sep-21	no	n/a	in specie	USD	ADR 1:1	278	278
BlackRock Fund Advisors	02-Sep-21	no	n/a	in specie	AUD	CDI 1:1	984	984
BlackRock Fund Advisors	02-Sep-21	no	n/a	in specie	AUD	CDI 1:1	164	164
BlackRock Fund Advisors	02-Sep-21	no	n/a	in specie	AUD	CDI 1:1	618	618
BlackRock Institutional Trust Company, National Association	02-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	8,430	8,430
BlackRock Institutional Trust Company, National Association	02-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	1,396	1,396
BlackRock Japan Co., Ltd.	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	1,755	1,755
BlackRock Institutional Trust Company, National Association	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	16,409	16,409
BlackRock Investment Management (UK) Limited	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	2,491	2,491
BlackRock Investment Management, LLC	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	3,713	3,713
BlackRock Institutional Trust Company, National Association	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	80	80
BlackRock Institutional Trust Company, National Association	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	1,468	1,468
BlackRock Investment Management, LLC	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	636	636
BlackRock Institutional Trust Company, National Association	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	376	376
BlackRock Advisors (UK) Limited	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	812	812
BlackRock Investment Management (Australia) Limited	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	331	331
BlackRock Japan Co., Ltd.	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	1,086	1,086
BlackRock Japan Co., Ltd.	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	1,518	1,518
BlackRock Japan Co., Ltd.	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	658	658
BlackRock Advisors, LLC	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	109	109
BLACKROCK FINANCIAL MANAGEMENT, INC.	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	565	565
BlackRock Investment Management, LLC	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	558	558
BlackRock Institutional Trust Company, National Association	02-Sep-21	yes	53.31	on mkt buy	AUD	CDI 1:1	317	317
BlackRock Japan Co., Ltd.	02-Sep-21	yes	53.30	on mkt buy	AUD	CDI 1:1	4,648	4,648
BlackRock Investment Management (Australia) Limited	02-Sep-21	yes	53.49	on mkt buy	AUD	CDI 1:1	1,432	1,432
BlackRock Advisors (UK) Limited	02-Sep-21	yes	53.49	on mkt buy	AUD	CDI 1:1	60	60
BlackRock Advisors (UK) Limited	02-Sep-21	yes	53.49	on mkt buy	AUD	CDI 1:1	336	336
BlackRock Advisors (UK) Limited	02-Sep-21	yes	53.49	on mkt buy	AUD	CDI 1:1	672	672
BlackRock Advisors (UK) Limited	02-Sep-21	yes	53.49	on mkt buy	AUD	CDI 1:1	261	261
BlackRock Investment Management, LLC	02-Sep-21	yes	53.49	on mkt buy	AUD	CDI 1:1	973	973
BlackRock Fund Advisors	02-Sep-21	no	n/a	in specie	AUD	CDI 1:1	2,160	2,160
BlackRock Japan Co., Ltd.	02-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	12,454	12,454
BLACKROCK FINANCIAL MANAGEMENT, INC.	03-Sep-21	yes	54.55	on mkt buy	AUD	CDI 1:1	429	429
BlackRock Institutional Trust Company, National Association	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	1,301	1,301
BlackRock Institutional Trust Company, National Association	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	1,429	1,429

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			Cash	Non-cash	CCY			
BlackRock Advisors, LLC	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	4,733	4,733
BlackRock International Limited	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	2,232	2,232
BlackRock Institutional Trust Company, National Association	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	1,851	1,851
BlackRock Institutional Trust Company, National Association	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	10,163	10,163
BlackRock Advisors (UK) Limited	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	2,543	2,543
BlackRock Advisors (UK) Limited	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	1,963	1,963
BlackRock Investment Management (UK) Limited	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	1,200	1,200
BlackRock Asset Management Canada Limited	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	3,137	3,137
BlackRock Institutional Trust Company, National Association	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	4,818	4,818
BlackRock Institutional Trust Company, National Association	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	3,231	3,231
BlackRock Institutional Trust Company, National Association	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	29	29
BlackRock Institutional Trust Company, National Association	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	311	311
BlackRock Institutional Trust Company, National Association	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	935	935
BlackRock Institutional Trust Company, National Association	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	369	369
BlackRock Advisors, LLC	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	881	881
BlackRock Institutional Trust Company, National Association	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	506	506
BlackRock Advisors, LLC	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	1,167	1,167
BlackRock Institutional Trust Company, National Association	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	1,149	1,149
BLACKROCK FINANCIAL MANAGEMENT, INC.	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	278	278
BlackRock Asset Management Canada Limited	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	635	635
BlackRock Investment Management, LLC	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	741	741
BLACKROCK FINANCIAL MANAGEMENT, INC.	03-Sep-21	yes	54.53	on mkt buy	AUD	CDI 1:1	808	808
BlackRock Advisors (UK) Limited	03-Sep-21	yes	54.31	on mkt buy	AUD	CDI 1:1	332	332
BlackRock Advisors (UK) Limited	03-Sep-21	yes	54.31	on mkt buy	AUD	CDI 1:1	2,871	2,871
BlackRock Japan Co., Ltd.	03-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	24	24
BlackRock Advisors (UK) Limited	03-Sep-21	no	n/a	collateral transfer	AUD	CDI 1:1	71,770	71,770
APERIO GROUP LLC	03-Sep-21	no	n/a	in specie	USD	ADR 1:1	853	853
BlackRock Institutional Trust Company, National Association	06-Sep-21	yes	53.69	on mkt buy	AUD	CDI 1:1	38	38
BlackRock Institutional Trust Company, National Association	06-Sep-21	yes	53.69	on mkt buy	AUD	CDI 1:1	326	326
BlackRock Institutional Trust Company, National Association	06-Sep-21	yes	53.69	on mkt buy	AUD	CDI 1:1	1,325	1,325
BlackRock Investment Management (Australia) Limited	06-Sep-21	yes	54.04	on mkt buy	AUD	CDI 1:1	5,784	5,784
BlackRock Investment Management (Australia) Limited	06-Sep-21	yes	54.04	on mkt buy	AUD	CDI 1:1	43,380	43,380
BlackRock Advisors (UK) Limited	06-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	12,536	12,536
BlackRock Investment Management (Australia) Limited	07-Sep-21	yes	54.57	on mkt buy	AUD	CDI 1:1	30,848	30,848
BlackRock Advisors (UK) Limited	07-Sep-21	yes	54.57	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	07-Sep-21	yes	54.57	on mkt buy	AUD	CDI 1:1	280	280
BlackRock Advisors (UK) Limited	07-Sep-21	yes	54.57	on mkt buy	AUD	CDI 1:1	1,079	1,079
BlackRock Advisors (UK) Limited	07-Sep-21	yes	54.57	on mkt buy	AUD	CDI 1:1	62	62
BlackRock Advisors (UK) Limited	07-Sep-21	yes	54.57	on mkt buy	AUD	CDI 1:1	200	200
BlackRock Japan Co., Ltd.	07-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	13,201	13,201
APERIO GROUP LLC	07-Sep-21	no	n/a	in specie	USD	ADR 1:1	113	113
APERIO GROUP LLC	07-Sep-21	no	n/a	in specie	USD	ADR 1:1	561	561
BlackRock Fund Advisors	08-Sep-21	no	n/a	in specie	AUD	CDI 1:1	2,199	2,199
BlackRock Fund Advisors	08-Sep-21	no	n/a	in specie	AUD	CDI 1:1	639	639
BlackRock Institutional Trust Company, National Association	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	283	283
BlackRock Institutional Trust Company, National Association	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	2,779	2,779
BlackRock Institutional Trust Company, National Association	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	1,867	1,867
BlackRock Investment Management, LLC	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	627	627

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	377	377
BlackRock Institutional Trust Company, National Association	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	2,402	2,402
BlackRock Institutional Trust Company, National Association	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	85	85
BlackRock Institutional Trust Company, National Association	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	84	84
BlackRock Advisors (UK) Limited	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	426	426
BlackRock Japan Co., Ltd.	08-Sep-21	yes	53.28	on mkt buy	AUD	CDI 1:1	4,238	4,238
BlackRock Japan Co., Ltd.	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	934	934
BlackRock Japan Co., Ltd.	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	1,149	1,149
BlackRock Japan Co., Ltd.	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	1,309	1,309
BlackRock Japan Co., Ltd.	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	711	711
BLACKROCK FINANCIAL MANAGEMENT, INC.	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	437	437
BlackRock Investment Management (UK) Limited	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	924	924
BlackRock Investment Management, LLC	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	1,115	1,115
BlackRock Institutional Trust Company, National Association	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	248	248
BlackRock Institutional Trust Company, National Association	08-Sep-21	yes	53.27	on mkt buy	AUD	CDI 1:1	265	265
BlackRock Investment Management (Australia) Limited	08-Sep-21	yes	53.25	on mkt buy	AUD	CDI 1:1	5,302	5,302
BlackRock Advisors (UK) Limited	08-Sep-21	yes	53.25	on mkt buy	AUD	CDI 1:1	60	60
BlackRock Advisors (UK) Limited	08-Sep-21	yes	53.25	on mkt buy	AUD	CDI 1:1	280	280
BlackRock Advisors (UK) Limited	08-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	10,241	10,241
BlackRock Advisors (UK) Limited	08-Sep-21	no	n/a	collateral transfer	AUD	CDI 1:1	24,853	24,853
APERIO GROUP LLC	08-Sep-21	no	n/a	in specie	USD	ADR 1:1	280	280
BlackRock Institutional Trust Company, National Association	09-Sep-21	yes	52.18	on mkt buy	AUD	CDI 1:1	246	246
BlackRock Institutional Trust Company, National Association	09-Sep-21	yes	52.18	on mkt buy	AUD	CDI 1:1	2,051	2,051
BlackRock Institutional Trust Company, National Association	09-Sep-21	yes	52.18	on mkt buy	AUD	CDI 1:1	1,492	1,492
BlackRock Investment Management (Australia) Limited	09-Sep-21	yes	52.12	on mkt buy	AUD	CDI 1:1	42,898	42,898
BlackRock Advisors (UK) Limited	09-Sep-21	yes	52.12	on mkt buy	AUD	CDI 1:1	672	672
BlackRock Advisors (UK) Limited	09-Sep-21	yes	52.12	on mkt buy	AUD	CDI 1:1	261	261
BlackRock Advisors (UK) Limited	09-Sep-21	yes	52.12	on mkt buy	AUD	CDI 1:1	2,408	2,408
BlackRock Investment Management (UK) Limited	09-Sep-21	yes	52.12	on mkt buy	AUD	CDI 1:1	4,330	4,330
BlackRock Institutional Trust Company, National Association	09-Sep-21	yes	52.12	on mkt buy	AUD	CDI 1:1	22,603	22,603
BlackRock Investment Management (UK) Limited	09-Sep-21	no	n/a	in specie	AUD	CDI 1:1	6,070	6,070
BlackRock Advisors (UK) Limited	09-Sep-21	no	n/a	collateral transfer	AUD	CDI 1:1	19,467	19,467
APERIO GROUP LLC	09-Sep-21	no	n/a	in specie	USD	ADR 1:1	199	199
APERIO GROUP LLC	09-Sep-21	no	n/a	in specie	USD	ADR 1:1	184	184
BlackRock Fund Advisors	10-Sep-21	no	n/a	in specie	AUD	CDI 1:1	1,512	1,512
BlackRock Institutional Trust Company, National Association	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	83	83
BlackRock Institutional Trust Company, National Association	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	803	803
BlackRock Institutional Trust Company, National Association	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	860	860
BlackRock Institutional Trust Company, National Association	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	1,605	1,605
BlackRock Investment Management (UK) Limited	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	171	171
BlackRock Advisors, LLC	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	927	927
BlackRock Advisors, LLC	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	652	652
BlackRock International Limited	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	2,545	2,545
BlackRock Institutional Trust Company, National Association	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	954	954
BlackRock Institutional Trust Company, National Association	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	635	635
BLACKROCK FINANCIAL MANAGEMENT, INC.	10-Sep-21	yes	53.16	on mkt buy	AUD	CDI 1:1	440	440
BlackRock Advisors, LLC	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	268	268
BlackRock Institutional Trust Company, National Association	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	2,960	2,960

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			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	1,945	1,945
BlackRock Advisors (UK) Limited	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	1,498	1,498
BlackRock Investment Management (UK) Limited	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	974	974
BlackRock Asset Management Canada Limited	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	1,078	1,078
BlackRock Investment Management, LLC	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	472	472
BLACKROCK FINANCIAL MANAGEMENT, INC.	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	629	629
BlackRock Institutional Trust Company, National Association	10-Sep-21	yes	53.15	on mkt buy	AUD	CDI 1:1	1,521	1,521
BlackRock Investment Management (Australia) Limited	10-Sep-21	yes	53.33	on mkt buy	AUD	CDI 1:1	6,748	6,748
BlackRock Advisors (UK) Limited	10-Sep-21	yes	53.33	on mkt buy	AUD	CDI 1:1	498	498
BlackRock Advisors (UK) Limited	10-Sep-21	yes	53.33	on mkt buy	AUD	CDI 1:1	261	261
BlackRock Japan Co., Ltd.	10-Sep-21	yes	53.33	on mkt buy	AUD	CDI 1:1	9,029	9,029
BlackRock Advisors (UK) Limited	10-Sep-21	no	n/a	collateral transfer	AUD	CDI 1:1	5,240	5,240
APERIO GROUP LLC	10-Sep-21	no	n/a	in specie	USD	ADR 1:1	141	141
BlackRock Fund Advisors	13-Sep-21	no	n/a	in specie	AUD	CDI 1:1	645	645
BlackRock Fund Advisors	13-Sep-21	no	n/a	in specie	AUD	CDI 1:1	2,205	2,205
BlackRock Asset Management Canada Limited	13-Sep-21	no	n/a	in specie	AUD	CDI 1:1	10,455	10,455
BlackRock Institutional Trust Company, National Association	13-Sep-21	yes	53.81	on mkt buy	AUD	CDI 1:1	76	76
BlackRock Institutional Trust Company, National Association	13-Sep-21	yes	53.81	on mkt buy	AUD	CDI 1:1	820	820
BlackRock Institutional Trust Company, National Association	13-Sep-21	yes	53.81	on mkt buy	AUD	CDI 1:1	993	993
BlackRock Advisors (UK) Limited	13-Sep-21	yes	53.87	on mkt buy	AUD	CDI 1:1	956	956
BlackRock Advisors (UK) Limited	13-Sep-21	yes	53.87	on mkt buy	AUD	CDI 1:1	100	100
BlackRock Investment Management (UK) Limited	13-Sep-21	yes	53.87	on mkt buy	AUD	CDI 1:1	1,979	1,979
APERIO GROUP LLC	13-Sep-21	no	n/a	in specie	USD	ADR 1:1	1,379	1,379
BlackRock Fund Advisors	14-Sep-21	no	n/a	in specie	AUD	CDI 1:1	630	630
BlackRock Institutional Trust Company, National Association	14-Sep-21	yes	54.00	on mkt buy	AUD	CDI 1:1	47	47
BlackRock Institutional Trust Company, National Association	14-Sep-21	yes	54.00	on mkt buy	AUD	CDI 1:1	340	340
BlackRock Institutional Trust Company, National Association	14-Sep-21	yes	54.00	on mkt buy	AUD	CDI 1:1	684	684
BlackRock Japan Co., Ltd.	14-Sep-21	yes	54.00	on mkt buy	AUD	CDI 1:1	378	378
BlackRock Japan Co., Ltd.	14-Sep-21	yes	54.00	on mkt buy	AUD	CDI 1:1	457	457
BlackRock Japan Co., Ltd.	14-Sep-21	yes	54.00	on mkt buy	AUD	CDI 1:1	552	552
BlackRock Japan Co., Ltd.	14-Sep-21	yes	54.03	on mkt buy	AUD	CDI 1:1	849	849
BlackRock Advisors (UK) Limited	14-Sep-21	yes	54.12	on mkt buy	AUD	CDI 1:1	1,023	1,023
BlackRock Advisors (UK) Limited	14-Sep-21	yes	54.12	on mkt buy	AUD	CDI 1:1	420	420
BlackRock Advisors (UK) Limited	14-Sep-21	yes	54.12	on mkt buy	AUD	CDI 1:1	420	420
BlackRock Advisors (UK) Limited	14-Sep-21	yes	54.12	on mkt buy	AUD	CDI 1:1	504	504
BlackRock Advisors (UK) Limited	14-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	10,285	10,285
BlackRock Investment Management, LLC	14-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	1,345	1,345
BlackRock Advisors (UK) Limited	15-Sep-21	yes	54.02	on mkt buy	AUD	CDI 1:1	60	60
BlackRock Advisors (UK) Limited	15-Sep-21	yes	54.02	on mkt buy	AUD	CDI 1:1	180	180
BlackRock Investment Management (UK) Limited	15-Sep-21	yes	54.02	on mkt buy	AUD	CDI 1:1	2,992	2,992
BlackRock Investment Management, LLC	15-Sep-21	yes	54.02	on mkt buy	AUD	CDI 1:1	1,548	1,548
APERIO GROUP LLC	15-Sep-21	no	n/a	in specie	USD	ADR 1:1	209	209
BlackRock Fund Advisors	16-Sep-21	no	n/a	in specie	AUD	CDI 1:1	2,193	2,193
BlackRock Fund Advisors	16-Sep-21	no	n/a	in specie	AUD	CDI 1:1	2,193	2,193
BlackRock Fund Advisors	16-Sep-21	no	n/a	in specie	AUD	CDI 1:1	2,410	2,410
BlackRock Institutional Trust Company, National Association	16-Sep-21	yes	54.96	on mkt buy	AUD	CDI 1:1	401	401
BlackRock Advisors, LLC	16-Sep-21	yes	54.96	on mkt buy	AUD	CDI 1:1	1,618	1,618
BlackRock Advisors, LLC	16-Sep-21	yes	54.96	on mkt buy	AUD	CDI 1:1	372	372
BlackRock Institutional Trust Company, National Association	16-Sep-21	yes	54.96	on mkt buy	AUD	CDI 1:1	5,288	5,288
BlackRock Institutional Trust Company, National Association	16-Sep-21	yes	54.96	on mkt buy	AUD	CDI 1:1	430	430
BlackRock Asset Management Canada Limited	16-Sep-21	yes	54.96	on mkt buy	AUD	CDI 1:1	1,457	1,457
BlackRock Institutional Trust Company, National Association	16-Sep-21	yes	54.96	on mkt buy	AUD	CDI 1:1	2,456	2,456
BlackRock Institutional Trust Company, National Association	16-Sep-21	yes	54.96	on mkt buy	AUD	CDI 1:1	1,705	1,705

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	16-Sep-21	yes	54.96	on mkt buy	AUD	CDI 1:1	253	253
BlackRock Asset Management Canada Limited	16-Sep-21	yes	54.96	on mkt buy	AUD	CDI 1:1	317	317
BlackRock Advisors (UK) Limited	16-Sep-21	yes	54.89	on mkt buy	AUD	CDI 1:1	9,207	9,207
BlackRock Advisors (UK) Limited	16-Sep-21	yes	54.89	on mkt buy	AUD	CDI 1:1	420	420
BlackRock Advisors (UK) Limited	16-Sep-21	yes	54.89	on mkt buy	AUD	CDI 1:1	415	415
BlackRock (Singapore) Limited	16-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	388	388
BlackRock Investment Management (UK) Limited	16-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	8	8
BlackRock Institutional Trust Company, National Association	17-Sep-21	yes	53.83	on mkt buy	AUD	CDI 1:1	1,103	1,103
BlackRock Investment Management (UK) Limited	17-Sep-21	yes	53.88	on mkt buy	AUD	CDI 1:1	4,441	4,441
BlackRock Investment Management (Australia) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	2,130	2,130
BlackRock Institutional Trust Company, National Association	17-Sep-21	yes	53.84	on mkt buy	AUD	CDI 1:1	322	322
BlackRock Advisors (UK) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	11,242	11,242
BlackRock Advisors (UK) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	840	840
BlackRock Advisors (UK) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	124	124
BlackRock Investment Management (UK) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	12,489	12,489
BlackRock Investment Management (Australia) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	1,091	1,091
BlackRock Investment Management (Australia) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	687	687
BlackRock Institutional Trust Company, National Association	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	5,451	5,451
BlackRock Investment Management (UK) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	4,164	4,164
BlackRock Investment Management (Australia) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	362	362
BlackRock Investment Management (Australia) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	229	229
BlackRock Investment Management (UK) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	7,847	7,847
BlackRock Institutional Trust Company, National Association	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	2,568	2,568
BlackRock Investment Management (Australia) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	685	685
BlackRock Investment Management (Australia) Limited	17-Sep-21	yes	53.95	on mkt buy	AUD	CDI 1:1	431	431
BlackRock Fund Advisors	17-Sep-21	no	n/a	in specie	AUD	CDI 1:1	1,210	1,210
BlackRock Advisors (UK) Limited	17-Sep-21	no	n/a	collateral transfer	AUD	CDI 1:1	38,705	38,705
BlackRock Fund Advisors	20-Sep-21	no	n/a	in specie	AUD	CDI 1:1	164	164
BlackRock Institutional Trust Company, National Association	20-Sep-21	yes	52.65	on mkt buy	AUD	CDI 1:1	62	62
BlackRock Institutional Trust Company, National Association	20-Sep-21	yes	52.65	on mkt buy	AUD	CDI 1:1	1,136	1,136
BlackRock Advisors, LLC	20-Sep-21	yes	52.65	on mkt buy	AUD	CDI 1:1	1,713	1,713
BlackRock Institutional Trust Company, National Association	20-Sep-21	yes	52.65	on mkt buy	AUD	CDI 1:1	394	394
BlackRock Institutional Trust Company, National Association	20-Sep-21	yes	52.65	on mkt buy	AUD	CDI 1:1	307	307
BlackRock Advisors, LLC	20-Sep-21	yes	52.65	on mkt buy	AUD	CDI 1:1	386	386
BlackRock Institutional Trust Company, National Association	20-Sep-21	yes	52.65	on mkt buy	AUD	CDI 1:1	5,308	5,308
BlackRock Institutional Trust Company, National Association	20-Sep-21	yes	52.65	on mkt buy	AUD	CDI 1:1	488	488
BlackRock Asset Management Canada Limited	20-Sep-21	yes	52.65	on mkt buy	AUD	CDI 1:1	344	344
BlackRock Asset Management Canada Limited	20-Sep-21	yes	52.65	on mkt buy	AUD	CDI 1:1	1,597	1,597
BlackRock Institutional Trust Company, National Association	20-Sep-21	yes	52.65	on mkt buy	AUD	CDI 1:1	3,054	3,054
BlackRock Institutional Trust Company, National Association	20-Sep-21	yes	52.65	on mkt buy	AUD	CDI 1:1	2,304	2,304
BlackRock Investment Management (Australia) Limited	20-Sep-21	yes	52.73	on mkt buy	AUD	CDI 1:1	2,353	2,353
BlackRock Fund Advisors	20-Sep-21	no	n/a	in specie	AUD	CDI 1:1	3,190	3,190
BlackRock Advisors (UK) Limited	20-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	269	269

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	21-Sep-21	yes	52.95	on mkt buy	AUD	CDI 1:1	197	197
BlackRock Advisors (UK) Limited	21-Sep-21	yes	53.06	on mkt buy	AUD	CDI 1:1	1,022	1,022
BlackRock Advisors (UK) Limited	21-Sep-21	yes	53.06	on mkt buy	AUD	CDI 1:1	3,066	3,066
BlackRock Advisors (UK) Limited	21-Sep-21	yes	53.06	on mkt buy	AUD	CDI 1:1	5,110	5,110
BlackRock Advisors (UK) Limited	21-Sep-21	yes	53.06	on mkt buy	AUD	CDI 1:1	498	498
BlackRock Investment Management (UK) Limited	21-Sep-21	yes	53.06	on mkt buy	AUD	CDI 1:1	196	196
BlackRock Institutional Trust Company, National Association	21-Sep-21	yes	53.06	on mkt buy	AUD	CDI 1:1	6,463	6,463
BlackRock Investment Management (UK) Limited	21-Sep-21	yes	53.06	on mkt buy	AUD	CDI 1:1	818	818
BlackRock Advisors (UK) Limited	21-Sep-21	no	n/a	collateral transfer	AUD	CDI 1:1	118,859	118,859
APERIO GROUP LLC	21-Sep-21	no	n/a	in specie	USD	ADR 1:1	53	53
BlackRock Fund Advisors	22-Sep-21	no	n/a	in specie	AUD	CDI 1:1	645	645
BlackRock Japan Co., Ltd.	22-Sep-21	yes	53.75	on mkt buy	AUD	CDI 1:1	944	944
BlackRock Investment Management (UK) Limited	22-Sep-21	yes	53.75	on mkt buy	AUD	CDI 1:1	3,883	3,883
BlackRock Investment Management, LLC	22-Sep-21	yes	53.81	on mkt buy	AUD	CDI 1:1	687	687
BlackRock Advisors (UK) Limited	22-Sep-21	yes	53.72	on mkt buy	AUD	CDI 1:1	1,764	1,764
BlackRock Advisors (UK) Limited	22-Sep-21	yes	53.81	on mkt buy	AUD	CDI 1:1	336	336
BlackRock Fund Advisors	22-Sep-21	no	n/a	in specie	AUD	CDI 1:1	1,014	1,014
BlackRock (Singapore) Limited	22-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	3	3
BlackRock Advisors (UK) Limited	22-Sep-21	no	n/a	collateral transfer	AUD	CDI 1:1	14,332	14,332
APERIO GROUP LLC	22-Sep-21	no	n/a	in specie	USD	ADR 1:1	230	230
BlackRock Advisors, LLC	23-Sep-21	yes	54.09	on mkt buy	AUD	CDI 1:1	1,109	1,109
BlackRock Institutional Trust Company, National Association	23-Sep-21	yes	54.09	on mkt buy	AUD	CDI 1:1	449	449
BlackRock Advisors (UK) Limited	23-Sep-21	yes	54.30	on mkt buy	AUD	CDI 1:1	7,653	7,653
BlackRock Advisors, LLC	23-Sep-21	yes	54.09	on mkt buy	AUD	CDI 1:1	269	269
BlackRock Institutional Trust Company, National Association	23-Sep-21	yes	54.09	on mkt buy	AUD	CDI 1:1	3,473	3,473
BlackRock Advisors (UK) Limited	23-Sep-21	yes	54.30	on mkt buy	AUD	CDI 1:1	727	727
BlackRock Asset Management Canada Limited	23-Sep-21	yes	54.09	on mkt buy	AUD	CDI 1:1	256	256
BlackRock Asset Management Canada Limited	23-Sep-21	yes	54.09	on mkt buy	AUD	CDI 1:1	1,115	1,115
BlackRock Institutional Trust Company, National Association	23-Sep-21	yes	54.09	on mkt buy	AUD	CDI 1:1	1,848	1,848
BlackRock Institutional Trust Company, National Association	23-Sep-21	yes	54.09	on mkt buy	AUD	CDI 1:1	1,929	1,929
BlackRock Advisors (UK) Limited	23-Sep-21	yes	53.86	on mkt buy	AUD	CDI 1:1	12,264	12,264
BlackRock Advisors (UK) Limited	23-Sep-21	yes	53.86	on mkt buy	AUD	CDI 1:1	478	478
BlackRock Investment Management (UK) Limited	23-Sep-21	yes	53.86	on mkt buy	AUD	CDI 1:1	167	167
BlackRock Fund Advisors	23-Sep-21	yes	53.86	on mkt buy	AUD	CDI 1:1	2,609	2,609
BlackRock Fund Advisors	23-Sep-21	yes	53.86	on mkt buy	AUD	CDI 1:1	3,326	3,326
BlackRock Advisors (UK) Limited	23-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	3,682	3,682
BlackRock Advisors (UK) Limited	23-Sep-21	no	n/a	collateral transfer	AUD	CDI 1:1	5,564	5,564
BlackRock Investment Management (UK) Limited	23-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	7,721	7,721
APERIO GROUP LLC	23-Sep-21	no	n/a	in specie	USD	ADR 1:1	94	94
BlackRock Advisors (UK) Limited	24-Sep-21	yes	52.71	on mkt buy	AUD	CDI 1:1	182	182
BlackRock Institutional Trust Company, National Association	24-Sep-21	yes	52.71	on mkt buy	AUD	CDI 1:1	5,210	5,210
BlackRock Fund Advisors	24-Sep-21	yes	52.71	on mkt buy	AUD	CDI 1:1	2,747	2,747
BlackRock Fund Advisors	24-Sep-21	yes	52.71	on mkt buy	AUD	CDI 1:1	1,042	1,042
BlackRock Asset Management Canada Limited	24-Sep-21	yes	52.71	on mkt buy	AUD	CDI 1:1	130	130
BlackRock Institutional Trust Company, National Association	24-Sep-21	yes	52.71	on mkt buy	AUD	CDI 1:1	2,742	2,742
APERIO GROUP LLC	24-Sep-21	no	n/a	in specie	USD	ADR 1:1	1,965	1,965
APERIO GROUP LLC	24-Sep-21	no	n/a	in specie	USD	ADR 1:1	430	430
BlackRock Fund Advisors	27-Sep-21	no	n/a	in specie	AUD	CDI 1:1	2,199	2,199
BlackRock Japan Co., Ltd.	27-Sep-21	yes	52.77	on mkt buy	AUD	CDI 1:1	8,075	8,075
BlackRock Advisors, LLC	27-Sep-21	yes	52.76	on mkt buy	AUD	CDI 1:1	1,549	1,549
BlackRock Institutional Trust Company, National Association	27-Sep-21	yes	52.76	on mkt buy	AUD	CDI 1:1	350	350
BlackRock Advisors, LLC	27-Sep-21	yes	52.76	on mkt buy	AUD	CDI 1:1	351	351
BlackRock Institutional Trust Company, National Association	27-Sep-21	yes	52.76	on mkt buy	AUD	CDI 1:1	4,703	4,703

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			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	27-Sep-21	yes	52.76	on mkt buy	AUD	CDI 1:1	413	413
BlackRock Asset Management Canada Limited	27-Sep-21	yes	52.76	on mkt buy	AUD	CDI 1:1	311	311
BlackRock Asset Management Canada Limited	27-Sep-21	yes	52.76	on mkt buy	AUD	CDI 1:1	1,727	1,727
BlackRock Institutional Trust Company, National Association	27-Sep-21	yes	52.76	on mkt buy	AUD	CDI 1:1	2,146	2,146
BlackRock Advisors (UK) Limited	27-Sep-21	yes	52.73	on mkt buy	AUD	CDI 1:1	12,264	12,264
BlackRock Advisors (UK) Limited	27-Sep-21	yes	52.73	on mkt buy	AUD	CDI 1:1	420	420
BlackRock Advisors (UK) Limited	27-Sep-21	yes	52.73	on mkt buy	AUD	CDI 1:1	62	62
BlackRock Institutional Trust Company, National Association	27-Sep-21	yes	52.73	on mkt buy	AUD	CDI 1:1	2,770	2,770
BlackRock Institutional Trust Company, National Association	27-Sep-21	yes	52.73	on mkt buy	AUD	CDI 1:1	1,143	1,143
BlackRock Fund Advisors	27-Sep-21	yes	52.73	on mkt buy	AUD	CDI 1:1	1,987	1,987
BlackRock Advisors (UK) Limited	27-Sep-21	no	n/a	collateral transfer	AUD	CDI 1:1	42,799	42,799
APERIO GROUP LLC	27-Sep-21	no	n/a	in specie	USD	ADR 1:1	197	197
BlackRock Institutional Trust Company, National Association	28-Sep-21	yes	51.27	on mkt buy	AUD	CDI 1:1	654	654
BlackRock Advisors, LLC	28-Sep-21	yes	51.24	on mkt buy	AUD	CDI 1:1	981	981
BlackRock Institutional Trust Company, National Association	28-Sep-21	yes	51.24	on mkt buy	AUD	CDI 1:1	3,699	3,699
BlackRock Asset Management Canada Limited	28-Sep-21	yes	51.24	on mkt buy	AUD	CDI 1:1	886	886
BlackRock Institutional Trust Company, National Association	28-Sep-21	yes	51.24	on mkt buy	AUD	CDI 1:1	1,606	1,606
BlackRock Advisors (UK) Limited	28-Sep-21	yes	51.00	on mkt buy	AUD	CDI 1:1	747	747
BlackRock Japan Co., Ltd.	28-Sep-21	yes	51.00	on mkt buy	AUD	CDI 1:1	367	367
BlackRock Advisors (UK) Limited	28-Sep-21	no	n/a	collateral transfer	AUD	CDI 1:1	21,577	21,577
APERIO GROUP LLC	28-Sep-21	no	n/a	in specie	USD	ADR 1:1	24	24
BlackRock Fund Advisors	29-Sep-21	no	n/a	in specie	AUD	CDI 1:1	609	609
BlackRock Institutional Trust Company, National Association	29-Sep-21	yes	49.87	on mkt buy	AUD	CDI 1:1	35	35
BlackRock Institutional Trust Company, National Association	29-Sep-21	yes	49.87	on mkt buy	AUD	CDI 1:1	361	361
BlackRock Institutional Trust Company, National Association	29-Sep-21	yes	49.87	on mkt buy	AUD	CDI 1:1	2,110	2,110
BlackRock Investment Management (UK) Limited	29-Sep-21	yes	49.87	on mkt buy	AUD	CDI 1:1	748	748
BlackRock Japan Co., Ltd.	29-Sep-21	yes	49.87	on mkt buy	AUD	CDI 1:1	8,213	8,213
BlackRock Investment Management (UK) Limited	29-Sep-21	yes	49.76	on mkt buy	AUD	CDI 1:1	521	521
BlackRock Advisors (UK) Limited	29-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	7,385	7,385
BlackRock Advisors (UK) Limited	29-Sep-21	no	n/a	collateral transfer	AUD	CDI 1:1	27,338	27,338
APERIO GROUP LLC	29-Sep-21	no	n/a	in specie	USD	ADR 1:1	6,065	6,065
BlackRock Fund Advisors	30-Sep-21	no	n/a	in specie	AUD	CDI 1:1	328	328
BlackRock Fund Advisors	30-Sep-21	no	n/a	in specie	AUD	CDI 1:1	330	330
BlackRock Advisors (UK) Limited	30-Sep-21	yes	50.27	on mkt buy	AUD	CDI 1:1	180	180
BlackRock Advisors (UK) Limited	30-Sep-21	yes	50.27	on mkt buy	AUD	CDI 1:1	168	168
BlackRock Investment Management (UK) Limited	30-Sep-21	yes	50.27	on mkt buy	AUD	CDI 1:1	2,987	2,987
BlackRock Japan Co., Ltd.	30-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	13,006	13,006
BlackRock Advisors (UK) Limited	30-Sep-21	no	n/a	collateral transfer	AUD	CDI 1:1	23,827	23,827
BlackRock Investment Management (UK) Limited	30-Sep-21	no	n/a	collateral transfer	USD	ADR 1:1	4,810	4,810
BlackRock Fund Advisors	01-Oct-21	no	n/a	in specie	AUD	CDI 1:1	815	815
BlackRock Fund Advisors	01-Oct-21	no	n/a	in specie	AUD	CDI 1:1	1,304	1,304
BlackRock Fund Advisors	01-Oct-21	no	n/a	in specie	AUD	CDI 1:1	618	618
BlackRock Investment Management (Australia) Limited	01-Oct-21	yes	49.39	on mkt buy	AUD	CDI 1:1	2,130	2,130
BlackRock Investment Management (Australia) Limited	01-Oct-21	yes	49.39	on mkt buy	AUD	CDI 1:1	4,830	4,830
BlackRock Advisors (UK) Limited	01-Oct-21	yes	49.39	on mkt buy	AUD	CDI 1:1	30	30
BlackRock Advisors (UK) Limited	01-Oct-21	yes	49.39	on mkt buy	AUD	CDI 1:1	62	62
BlackRock Advisors (UK) Limited	01-Oct-21	yes	49.39	on mkt buy	AUD	CDI 1:1	124	124
BlackRock Institutional Trust Company, National Association	01-Oct-21	yes	49.39	on mkt buy	AUD	CDI 1:1	8,711	8,711
BlackRock Investment Management (UK) Limited	01-Oct-21	yes	49.39	on mkt buy	AUD	CDI 1:1	1,620	1,620

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	01-Oct-21	yes	49.39	on mkt buy	AUD	CDI 1:1	3,577	3,577
BlackRock Institutional Trust Company, National Association	01-Oct-21	yes	49.39	on mkt buy	AUD	CDI 1:1	1,215	1,215
BlackRock Fund Advisors	01-Oct-21	yes	49.39	on mkt buy	AUD	CDI 1:1	1,908	1,908
BlackRock Advisors (UK) Limited	01-Oct-21	no	n/a	collateral transfer	AUD	CDI 1:1	9,631	9,631
APERIO GROUP LLC	01-Oct-21	no	n/a	in specie	USD	ADR 1:1	150	150
BlackRock Institutional Trust Company, National Association	04-Oct-21	yes	49.82	on mkt buy	AUD	CDI 1:1	417	417
BlackRock Institutional Trust Company, National Association	04-Oct-21	yes	49.97	on mkt buy	AUD	CDI 1:1	186	186
BlackRock Institutional Trust Company, National Association	04-Oct-21	yes	49.82	on mkt buy	AUD	CDI 1:1	411	411
BlackRock Advisors (UK) Limited	04-Oct-21	yes	50.16	on mkt buy	AUD	CDI 1:1	1,229	1,229
BlackRock Institutional Trust Company, National Association	04-Oct-21	yes	49.82	on mkt buy	AUD	CDI 1:1	1,392	1,392
BlackRock Advisors (UK) Limited	04-Oct-21	yes	49.74	on mkt buy	AUD	CDI 1:1	672	672
BlackRock Investment Management (UK) Limited	04-Oct-21	yes	49.74	on mkt buy	AUD	CDI 1:1	178	178
BlackRock Investment Management (Australia) Limited	04-Oct-21	yes	49.74	on mkt buy	AUD	CDI 1:1	361	361
BlackRock Fund Advisors	04-Oct-21	yes	49.74	on mkt buy	AUD	CDI 1:1	2,901	2,901
BlackRock Fund Advisors	04-Oct-21	yes	49.74	on mkt buy	AUD	CDI 1:1	1,105	1,105
BlackRock Japan Co., Ltd.	04-Oct-21	yes	49.74	on mkt buy	AUD	CDI 1:1	3,374	3,374
BlackRock Institutional Trust Company, National Association	04-Oct-21	yes	49.74	on mkt buy	AUD	CDI 1:1	2,986	2,986
BlackRock Institutional Trust Company, National Association	04-Oct-21	yes	49.74	on mkt buy	AUD	CDI 1:1	1,231	1,231
BlackRock Fund Advisors	04-Oct-21	yes	49.74	on mkt buy	AUD	CDI 1:1	1,934	1,934
BlackRock Fund Advisors	04-Oct-21	no	n/a	in specie	AUD	CDI 1:1	1,344	1,344
BlackRock Fund Advisors	04-Oct-21	no	n/a	in specie	AUD	CDI 1:1	5,312	5,312
BlackRock Fund Advisors	04-Oct-21	no	n/a	in specie	AUD	CDI 1:1	9,296	9,296
BlackRock Japan Co., Ltd.	04-Oct-21	no	n/a	collateral transfer	USD	ADR 1:1	2,787	2,787
BlackRock Advisors (UK) Limited	04-Oct-21	no	n/a	collateral transfer	AUD	CDI 1:1	77,770	77,770
APERIO GROUP LLC	04-Oct-21	no	n/a	in specie	USD	ADR 1:1	120	120
BlackRock Fund Advisors	05-Oct-21	no	n/a	in specie	AUD	CDI 1:1	633	633
BlackRock Fund Advisors	05-Oct-21	no	n/a	in specie	AUD	CDI 1:1	3,984	3,984
BlackRock Fund Advisors	05-Oct-21	no	n/a	in specie	AUD	CDI 1:1	7,304	7,304
BlackRock Advisors (UK) Limited	05-Oct-21	yes	49.31	on mkt buy	AUD	CDI 1:1	588	588
BlackRock Advisors (UK) Limited	05-Oct-21	yes	49.31	on mkt buy	AUD	CDI 1:1	2,547	2,547
BlackRock Fund Advisors	05-Oct-21	no	n/a	in specie	AUD	CDI 1:1	4,980	4,980
BlackRock Advisors (UK) Limited	05-Oct-21	no	n/a	collateral transfer	USD	ADR 1:1	4,249	4,249
APERIO GROUP LLC	05-Oct-21	no	n/a	in specie	USD	ADR 1:1	130	130
BlackRock Investment Management (UK) Limited	06-Oct-21	yes	49.19	on mkt buy	AUD	CDI 1:1	2,669	2,669
BlackRock Fund Advisors	06-Oct-21	no	n/a	in specie	AUD	CDI 1:1	410	410
BlackRock Investment Management (Australia) Limited	06-Oct-21	yes	48.90	on mkt buy	AUD	CDI 1:1	3,864	3,864
BlackRock Advisors (UK) Limited	06-Oct-21	yes	48.90	on mkt buy	AUD	CDI 1:1	60	60
BlackRock Advisors (UK) Limited	06-Oct-21	yes	48.90	on mkt buy	AUD	CDI 1:1	280	280
BlackRock Advisors (UK) Limited	06-Oct-21	yes	48.90	on mkt buy	AUD	CDI 1:1	840	840
BlackRock Advisors (UK) Limited	06-Oct-21	yes	48.90	on mkt buy	AUD	CDI 1:1	840	840
BlackRock Advisors (UK) Limited	06-Oct-21	yes	48.90	on mkt buy	AUD	CDI 1:1	124	124
BlackRock Advisors (UK) Limited	06-Oct-21	no	n/a	collateral transfer	USD	ADR 1:1	8,864	8,864
BlackRock Advisors (UK) Limited	06-Oct-21	no	n/a	collateral transfer	AUD	CDI 1:1	12,082	12,082
BlackRock Advisors (UK) Limited	07-Oct-21	yes	49.36	on mkt buy	AUD	CDI 1:1	420	420
BlackRock Advisors (UK) Limited	07-Oct-21	yes	49.36	on mkt buy	AUD	CDI 1:1	1,008	1,008
BlackRock Fund Advisors	07-Oct-21	no	n/a	in specie	AUD	CDI 1:1	2,592	2,592
BlackRock Fund Advisors	07-Oct-21	no	n/a	in specie	AUD	CDI 1:1	5,184	5,184
BlackRock Institutional Trust Company, National Association	08-Oct-21	yes	49.27	on mkt buy	AUD	CDI 1:1	85	85
BlackRock Institutional Trust Company, National Association	08-Oct-21	yes	49.19	on mkt buy	AUD	CDI 1:1	387	387
BlackRock Investment Management (Australia) Limited	08-Oct-21	yes	49.15	on mkt buy	AUD	CDI 1:1	4,338	4,338
BlackRock Investment Management (Australia) Limited	08-Oct-21	yes	49.14	on mkt buy	AUD	CDI 1:1	10,666	10,666
BlackRock Institutional Trust Company, National Association	08-Oct-21	yes	49.17	on mkt buy	AUD	CDI 1:1	75,949	75,949
BlackRock Investment Management, LLC	08-Oct-21	yes	49.17	on mkt buy	AUD	CDI 1:1	1,554	1,554

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	08-Oct-21	yes	49.15	on mkt buy	AUD	CDI 1:1	3,147	3,147
BlackRock Investment Management (Australia) Limited	08-Oct-21	yes	49.17	on mkt buy	AUD	CDI 1:1	2,630	2,630
BlackRock Advisors (UK) Limited	08-Oct-21	yes	49.15	on mkt buy	AUD	CDI 1:1	30	30
BlackRock Advisors (UK) Limited	08-Oct-21	yes	49.15	on mkt buy	AUD	CDI 1:1	30	30
BlackRock Advisors (UK) Limited	08-Oct-21	yes	49.15	on mkt buy	AUD	CDI 1:1	263	263
BlackRock Japan Co., Ltd.	08-Oct-21	no	n/a	collateral transfer	USD	ADR 1:1	5,586	5,586
BlackRock Advisors (UK) Limited	08-Oct-21	no	n/a	collateral transfer	AUD	CDI 1:1	8,930	8,930
APERIO GROUP LLC	08-Oct-21	no	n/a	in specie	USD	ADR 1:1	76	76
BlackRock Institutional Trust Company, National Association	11-Oct-21	yes	48.07	on mkt buy	AUD	CDI 1:1	494	494
BlackRock Advisors (UK) Limited	11-Oct-21	yes	48.13	on mkt buy	AUD	CDI 1:1	124	124
BlackRock Fund Advisors	11-Oct-21	yes	48.13	on mkt buy	AUD	CDI 1:1	2,772	2,772
BlackRock Institutional Trust Company, National Association	11-Oct-21	yes	48.13	on mkt buy	AUD	CDI 1:1	3,020	3,020
BlackRock Institutional Trust Company, National Association	11-Oct-21	yes	48.13	on mkt buy	AUD	CDI 1:1	1,247	1,247
BlackRock Advisors (UK) Limited	11-Oct-21	no	n/a	collateral transfer	AUD	CDI 1:1	2,706	2,706
BlackRock Institutional Trust Company, National Association	12-Oct-21	yes	47.82	on mkt buy	AUD	CDI 1:1	147	147
BlackRock Fund Advisors	12-Oct-21	yes	47.84	on mkt buy	AUD	CDI 1:1	1,493	1,493
BlackRock Investment Management (UK) Limited	12-Oct-21	yes	47.84	on mkt buy	AUD	CDI 1:1	1,469	1,469
BlackRock Advisors, LLC	12-Oct-21	yes	47.84	on mkt buy	AUD	CDI 1:1	8,508	8,508
BlackRock Institutional Trust Company, National Association	12-Oct-21	yes	47.84	on mkt buy	AUD	CDI 1:1	507	507
BlackRock Institutional Trust Company, National Association	12-Oct-21	yes	47.84	on mkt buy	AUD	CDI 1:1	2,391	2,391
BlackRock Advisors, LLC	12-Oct-21	yes	47.84	on mkt buy	AUD	CDI 1:1	1,275	1,275
BlackRock International Limited	12-Oct-21	yes	47.84	on mkt buy	AUD	CDI 1:1	563	563
BlackRock Investment Management, LLC	12-Oct-21	yes	47.84	on mkt buy	AUD	CDI 1:1	679	679
BlackRock Investment Management (Australia) Limited	12-Oct-21	yes	48.01	on mkt buy	AUD	CDI 1:1	9,120	9,120
BlackRock Advisors (UK) Limited	12-Oct-21	yes	48.01	on mkt buy	AUD	CDI 1:1	420	420
BlackRock Advisors (UK) Limited	12-Oct-21	yes	48.01	on mkt buy	AUD	CDI 1:1	1,008	1,008
BlackRock Institutional Trust Company, National Association	12-Oct-21	yes	48.01	on mkt buy	AUD	CDI 1:1	3,105	3,105
BlackRock Japan Co., Ltd.	12-Oct-21	no	n/a	collateral transfer	USD	ADR 1:1	697	697
BlackRock Fund Advisors	13-Oct-21	no	n/a	in specie	AUD	CDI 1:1	82	82
BlackRock Fund Advisors	13-Oct-21	no	n/a	in specie	AUD	CDI 1:1	1,134	1,134
BlackRock Institutional Trust Company, National Association	13-Oct-21	yes	47.92	on mkt buy	AUD	CDI 1:1	123	123
BlackRock Institutional Trust Company, National Association	13-Oct-21	yes	47.93	on mkt buy	AUD	CDI 1:1	105	105
BlackRock Investment Management (Australia) Limited	13-Oct-21	yes	47.91	on mkt buy	AUD	CDI 1:1	3,840	3,840
BlackRock Advisors (UK) Limited	13-Oct-21	yes	47.91	on mkt buy	AUD	CDI 1:1	90	90
BlackRock Investment Management (UK) Limited	13-Oct-21	yes	47.91	on mkt buy	AUD	CDI 1:1	416	416
BlackRock Advisors (UK) Limited	13-Oct-21	yes	47.91	on mkt buy	AUD	CDI 1:1	2,351	2,351
BlackRock Advisors (UK) Limited	13-Oct-21	no	n/a	collateral transfer	USD	ADR 1:1	1,602	1,602
APERIO GROUP LLC	13-Oct-21	no	n/a	in specie	USD	ADR 1:1	334	334
BlackRock Investment Management (Australia) Limited	14-Oct-21	yes	48.80	on mkt buy	AUD	CDI 1:1	4,008	4,008
BlackRock Fund Advisors	14-Oct-21	no	n/a	in specie	AUD	CDI 1:1	828	828
BlackRock Advisors (UK) Limited	14-Oct-21	yes	48.82	on mkt buy	AUD	CDI 1:1	588	588
BlackRock Investment Management (UK) Limited	14-Oct-21	yes	48.82	on mkt buy	AUD	CDI 1:1	416	416
BlackRock Advisors (UK) Limited	14-Oct-21	no	n/a	collateral transfer	USD	ADR 1:1	4,278	4,278
APERIO GROUP LLC	14-Oct-21	no	n/a	in specie	USD	ADR 1:1	49	49
BlackRock Fund Advisors	15-Oct-21	no	n/a	in specie	AUD	CDI 1:1	868	868
BlackRock Institutional Trust Company, National Association	15-Oct-21	yes	49.51	on mkt buy	AUD	CDI 1:1	45	45
BlackRock Institutional Trust Company, National Association	15-Oct-21	yes	49.50	on mkt buy	AUD	CDI 1:1	1,691	1,691
BlackRock Advisors (UK) Limited	15-Oct-21	yes	49.50	on mkt buy	AUD	CDI 1:1	102	102
BlackRock Institutional Trust Company, National Association	15-Oct-21	yes	49.50	on mkt buy	AUD	CDI 1:1	1,071	1,071

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	15-Oct-21	yes	49.50	on mkt buy	AUD	CDI 1:1	541	541
BlackRock Investment Management (UK) Limited	15-Oct-21	yes	49.50	on mkt buy	AUD	CDI 1:1	68	68
BlackRock Investment Management (UK) Limited	15-Oct-21	yes	49.50	on mkt buy	AUD	CDI 1:1	6,772	6,772
BlackRock Investment Management (UK) Limited	15-Oct-21	yes	49.50	on mkt buy	AUD	CDI 1:1	1,386	1,386
BlackRock Investment Management (Australia) Limited	15-Oct-21	yes	49.50	on mkt buy	AUD	CDI 1:1	17,415	17,415
BlackRock Investment Management (Australia) Limited	15-Oct-21	yes	49.47	on mkt buy	AUD	CDI 1:1	2,130	2,130
BlackRock Institutional Trust Company, National Association	15-Oct-21	yes	49.47	on mkt buy	AUD	CDI 1:1	5,002	5,002
BlackRock Asset Management Canada Limited	15-Oct-21	yes	49.47	on mkt buy	AUD	CDI 1:1	104	104
BlackRock Investment Management (Australia) Limited	15-Oct-21	yes	49.47	on mkt buy	AUD	CDI 1:1	6,031	6,031
BlackRock Advisors (UK) Limited	15-Oct-21	yes	49.47	on mkt buy	AUD	CDI 1:1	756	756
BlackRock Advisors (UK) Limited	18-Oct-21	yes	50.07	on mkt buy	AUD	CDI 1:1	6,467	6,467
BlackRock Investment Management (Australia) Limited	18-Oct-21	yes	50.07	on mkt buy	AUD	CDI 1:1	6,826	6,826
BlackRock Advisors (UK) Limited	18-Oct-21	no	n/a	collateral transfer	USD	ADR 1:1	5,297	5,297
BlackRock Advisors (UK) Limited	18-Oct-21	no	n/a	collateral transfer	AUD	CDI 1:1	5,625	5,625
APERIO GROUP LLC	18-Oct-21	no	n/a	in specie	USD	ADR 1:1	238	238
BlackRock Fund Advisors	19-Oct-21	no	n/a	in specie	AUD	CDI 1:1	612	612
BlackRock Institutional Trust Company, National Association	19-Oct-21	yes	50.64	on mkt buy	AUD	CDI 1:1	2,104	2,104
BlackRock Asset Management Canada Limited	19-Oct-21	yes	50.64	on mkt buy	AUD	CDI 1:1	572	572
BlackRock Institutional Trust Company, National Association	19-Oct-21	yes	50.64	on mkt buy	AUD	CDI 1:1	1,273	1,273
BlackRock Advisors (UK) Limited	19-Oct-21	yes	50.39	on mkt buy	AUD	CDI 1:1	336	336
BlackRock Advisors (UK) Limited	19-Oct-21	yes	50.39	on mkt buy	AUD	CDI 1:1	672	672
BlackRock Investment Management (UK) Limited	19-Oct-21	yes	50.39	on mkt buy	AUD	CDI 1:1	501	501
BlackRock Investment Management (UK) Limited	19-Oct-21	yes	50.39	on mkt buy	AUD	CDI 1:1	422	422
BlackRock Fund Advisors	19-Oct-21	no	n/a	in specie	AUD	CDI 1:1	8,964	8,964
BlackRock Investment Management (Australia) Limited	20-Oct-21	yes	51.15	on mkt buy	AUD	CDI 1:1	843	843
BlackRock Investment Management (Australia) Limited	20-Oct-21	yes	51.15	on mkt buy	AUD	CDI 1:1	3,599	3,599
BlackRock Investment Management (Australia) Limited	20-Oct-21	yes	51.15	on mkt buy	AUD	CDI 1:1	331	331
BlackRock Investment Management (Australia) Limited	20-Oct-21	yes	51.15	on mkt buy	AUD	CDI 1:1	10,430	10,430
BlackRock Institutional Trust Company, National Association	20-Oct-21	yes	51.18	on mkt buy	AUD	CDI 1:1	1,299	1,299
BlackRock Institutional Trust Company, National Association	20-Oct-21	yes	51.18	on mkt buy	AUD	CDI 1:1	1,075	1,075
BlackRock Institutional Trust Company, National Association	20-Oct-21	yes	51.18	on mkt buy	AUD	CDI 1:1	1,060	1,060
BlackRock Investment Management (UK) Limited	20-Oct-21	yes	51.16	on mkt buy	AUD	CDI 1:1	2,816	2,816
BlackRock Institutional Trust Company, National Association	20-Oct-21	yes	51.16	on mkt buy	AUD	CDI 1:1	817	817
BlackRock Institutional Trust Company, National Association	20-Oct-21	yes	51.16	on mkt buy	AUD	CDI 1:1	520	520
BlackRock Investment Management (UK) Limited	20-Oct-21	yes	51.17	on mkt buy	AUD	CDI 1:1	256	256
BlackRock Investment Management (UK) Limited	20-Oct-21	yes	51.16	on mkt buy	AUD	CDI 1:1	655	655
BlackRock Investment Management (UK) Limited	20-Oct-21	yes	51.16	on mkt buy	AUD	CDI 1:1	216	216
BlackRock Advisors (UK) Limited	20-Oct-21	yes	51.03	on mkt buy	AUD	CDI 1:1	140	140
BlackRock Advisors (UK) Limited	20-Oct-21	yes	51.03	on mkt buy	AUD	CDI 1:1	168	168
BlackRock Fund Advisors	21-Oct-21	no	n/a	in specie	AUD	CDI 1:1	3,652	3,652
BlackRock Advisors (UK) Limited	21-Oct-21	yes	51.90	on mkt buy	AUD	CDI 1:1	252	252
BlackRock Advisors (UK) Limited	21-Oct-21	yes	51.90	on mkt buy	AUD	CDI 1:1	280	280
BlackRock Advisors (UK) Limited	21-Oct-21	yes	51.90	on mkt buy	AUD	CDI 1:1	756	756
BlackRock Investment Management, LLC	21-Oct-21	yes	51.90	on mkt buy	AUD	CDI 1:1	2,021	2,021
BlackRock Advisors (UK) Limited	21-Oct-21	no	n/a	collateral transfer	AUD	CDI 1:1	41,230	41,230

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	22-Oct-21	no	n/a	in specie	AUD	CDI 1:1	630	630
BlackRock Advisors (UK) Limited	22-Oct-21	no	n/a	collateral transfer	USD	ADR 1:1	15,476	15,476
BlackRock Advisors (UK) Limited	22-Oct-21	no	n/a	collateral transfer	AUD	CDI 1:1	14,000	14,000
APERIO GROUP LLC	22-Oct-21	no	n/a	in specie	USD	ADR 1:1	222	222

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

27-Oct-21

Kayla Mulvihill,
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 (Singapore) Limited	20 Anson Road #18-01 079912 Singapore
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	251 Little Falls Dr Wilmington, DE 19808-1674
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.	251 Little Falls Dr Wilmington, DE 19808-1674
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 37 Chifley Tower, 2 Chifley Square, Sydney NSW 2000 Australia
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)
APERIO GROUP LLC	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505

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

27 October 2021
 Kayla Mulvihill, Authorised Signatory Date

Type of agreement:	Global Master Securities Lending Agreement, Overseas Securities Lending Agreement or Master Securities Lending Agreement.
Parties to agreement:	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.
Transfer date:	The date of the relevant transaction identified as a collateral transfer referred to in Annexure B to form 603.
Holder of voting rights:	The Borrower.
Are there any restrictions on voting rights? 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.
Scheduled return date (if any):	The date of the relevant transaction referred to in Annexure B to form 603.
Does the borrower have the right to return early? If yes, detail	Yes. The Borrower is entitled to substitute existing collateral with other equities at any time.
Does the lender have the right to recall early? If yes, detail	Yes, at notice.
Will the securities be returned on settlement? If yes, detail any exceptions	Yes.

A copy of the relevant agreement will be provided to JAMES HARDIE INDUSTRIES PLC 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**