

## Form 603

Corporations Act 2001  
Section 671B

### Notice of initial substantial holder

To Company Name/Scheme PERSEUS MINING LTD

ACN/ARSN 106 808 986

#### 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 16 /08 /2023

#### 2. Details of voting power

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

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
ord	68,987,684	68,987,684	5.03

#### 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 & C		

#### 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 Tevin Murray

capacity Authorised Signatory\*

sign here

date 18 / 08 / 2023

\* 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.

18-Aug-23

Date

Tevin Murray,  
Authorised Signatory

## 3. Details of Relevant Interests

## 4. Details of present registered holders

## 6. Associates

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Advisors (UK) 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, responsible entity or trustee.	SSB-STATE STREET DUBLIN		ORD 10,242,978	10,242,978	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 held in its capacity as investment manager, responsible entity or trustee.	STATE STREET BANK, MUNICH, ZURICH BRANCH		ORD 193,864	193,864	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 held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET SACRAMENTO		ORD 483,232	483,232	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 held in its capacity as investment manager, responsible entity or trustee.	BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK		ORD 390	390	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 held in its capacity as investment manager, responsible entity or trustee.	Northern Trust Luxembourg		ORD 2,239,217	2,239,217	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 held in its capacity as investment manager, responsible entity or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ORD 15,309	15,309	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 held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET BANK, BOSTON		ORD 335,331	335,331	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 held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET SACRAMENTO		ORD 17,391,257	17,391,257	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 held in its capacity as investment manager, responsible entity or trustee.	BNYM-THE BANK OF NEW YORK		ORD 496,925	496,925	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 held in its capacity as investment manager, responsible entity or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 8,374,348	8,374,348	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 held in its capacity as investment manager, responsible entity or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ORD 63,290	63,290	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 held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET SACRAMENTO		ORD 3,606	3,606	subsidiary of BlackRock Inc.

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities	Person's votes	Nature of Association
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager, responsible entity or trustee.	BNP-BNP PARIBAS AUSTRALIA - COGENT		ORD 218,751	218,751	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, responsible entity or trustee.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ORD 190,765	190,765	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, responsible entity or trustee.	CITI-CITIBANK, HONG KONG		ORD 3,749,439	3,749,439	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, responsible entity or trustee.	CITI-Citigroup Australia - SYDNEY		ORD 544,883	544,883	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, responsible entity or trustee.	JPM-JPM CHASE - SYDNEY		ORD 11,754,623	11,754,623	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, responsible entity or trustee.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ORD 7,299,072	7,299,072	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, responsible entity or trustee.	Northern Trust Singapore		ORD 3,030,029	3,030,029	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, responsible entity or trustee.	UBS- UBS- ZURICH		ORD 388,681	388,681	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 held in its capacity as investment manager, responsible entity or trustee.	BNYM-BANK OF NY BRUS		ORD 856,323	856,323	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 held in its capacity as investment manager, responsible entity or trustee.	CITI-CITIBANK INTERNATIONAL PLC (LUXEMBOURG BRANCH)		ORD 168,765	168,765	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 held in its capacity as investment manager, responsible entity or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD 107,306	107,306	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 held in its capacity as investment manager, responsible entity or trustee.	NT-NORTHERN TRUST UK		ORD 280,617	280,617	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 held in its capacity as investment manager, responsible entity or trustee.	SSB-STATE STREET LONDON		ORD 13,330	13,330	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 held in its capacity as investment manager, responsible entity or trustee.	BNYM-BONY LUXEMBOURG		ORD 345,618	345,618	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 held in its capacity as investment manager, responsible entity or trustee.	BNYM-THE BANK OF NEW YORK		ORD 199,735	199,735	subsidiary of BlackRock Inc.

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

18-Aug-23

Tevin Murray,  
Authorised Signatory

Date

## 5. Consideration

## PERSEUS MINING LTD (PRU)

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	18-Apr-23	yes	2.35	on mkt buy	AUD	ORD	6,147	6,147
BlackRock Investment Management (Australia) Limited	18-Apr-23	yes	2.36	on mkt buy	AUD	ORD	9,674	9,674
BlackRock Investment Management (Australia) Limited	18-Apr-23	yes	2.36	on mkt buy	AUD	ORD	7,654	7,654
BlackRock Investment Management (Australia) Limited	18-Apr-23	yes	2.36	on mkt buy	AUD	ORD	44,576	44,576
BlackRock Investment Management (Australia) Limited	18-Apr-23	yes	2.36	on mkt buy	AUD	ORD	11,205	11,205
BlackRock Investment Management (Australia) Limited	19-Apr-23	yes	2.34	on mkt buy	AUD	ORD	20,085	20,085
BlackRock Investment Management (Australia) Limited	19-Apr-23	yes	2.34	on mkt buy	AUD	ORD	78,390	78,390
BlackRock Investment Management (Australia) Limited	19-Apr-23	yes	2.34	on mkt buy	AUD	ORD	163,082	163,082
BlackRock Investment Management (Australia) Limited	20-Apr-23	yes	2.33	on mkt buy	AUD	ORD	235,287	235,287
BlackRock Investment Management (Australia) Limited	20-Apr-23	yes	2.34	on mkt buy	AUD	ORD	7,654	7,654
BlackRock Investment Management (Australia) Limited	20-Apr-23	yes	2.34	on mkt buy	AUD	ORD	7,654	7,654
BlackRock Advisors (UK) Limited	20-Apr-23	no	n/a	collateral transfer	AUD	ORD	460,010	460,010
BlackRock Fund Advisors	21-Apr-23	no	n/a	in specie	AUD	ORD	4,437	4,437
BlackRock Institutional Trust Company, National Association	21-Apr-23	yes	2.33	on mkt buy	AUD	ORD	8,770	8,770
BlackRock Institutional Trust Company, National Association	21-Apr-23	yes	2.33	on mkt buy	AUD	ORD	8,879	8,879
BlackRock Institutional Trust Company, National Association	21-Apr-23	yes	2.33	on mkt buy	AUD	ORD	7,487	7,487
BlackRock Investment Management (Australia) Limited	21-Apr-23	yes	2.32	on mkt buy	AUD	ORD	20,793	20,793
BlackRock Investment Management (Australia) Limited	21-Apr-23	yes	2.32	on mkt buy	AUD	ORD	85,568	85,568
BlackRock Investment Management (Australia) Limited	21-Apr-23	yes	2.32	on mkt buy	AUD	ORD	155,076	155,076
BlackRock Investment Management (Australia) Limited	21-Apr-23	yes	2.31	on mkt buy	AUD	ORD	8,292	8,292
BlackRock Investment Management (Australia) Limited	24-Apr-23	yes	2.29	on mkt buy	AUD	ORD	15,202	15,202
BlackRock Investment Management (Australia) Limited	24-Apr-23	yes	2.29	on mkt buy	AUD	ORD	6,910	6,910
BlackRock Fund Advisors	26-Apr-23	no	n/a	in specie	AUD	ORD	23,028	23,028
BlackRock Investment Management (Australia) Limited	26-Apr-23	yes	2.31	on mkt buy	AUD	ORD	17,981	17,981
BlackRock Institutional Trust Company, National Association	26-Apr-23	yes	2.31	on mkt buy	AUD	ORD	38,929	38,929
BlackRock Institutional Trust Company, National Association	26-Apr-23	yes	2.31	on mkt buy	AUD	ORD	17,600	17,600
BlackRock Institutional Trust Company, National Association	26-Apr-23	yes	2.31	on mkt buy	AUD	ORD	17,648	17,648
BlackRock Investment Management (Australia) Limited	26-Apr-23	yes	2.31	on mkt buy	AUD	ORD	93,271	93,271
BlackRock Investment Management (Australia) Limited	26-Apr-23	yes	2.29	on mkt buy	AUD	ORD	60,686	60,686
BlackRock Investment Management (Australia) Limited	27-Apr-23	yes	2.30	on mkt buy	AUD	ORD	24,516	24,516
BlackRock Investment Management (Australia) Limited	27-Apr-23	yes	2.30	on mkt buy	AUD	ORD	4,408	4,408
BlackRock Advisors (UK) Limited	27-Apr-23	yes	2.30	on mkt buy	AUD	ORD	8,544	8,544

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	28-Apr-23	yes	2.24	on mkt buy	AUD	ORD	33,129	33,129
BlackRock Institutional Trust Company, National Association	28-Apr-23	yes	2.24	on mkt buy	AUD	ORD	7,972	7,972
BlackRock Institutional Trust Company, National Association	28-Apr-23	yes	2.24	on mkt buy	AUD	ORD	7,725	7,725
BlackRock Investment Management (Australia) Limited	28-Apr-23	yes	2.24	on mkt buy	AUD	ORD	65,862	65,862
BlackRock Investment Management (Australia) Limited	28-Apr-23	yes	2.24	on mkt buy	AUD	ORD	71,711	71,711
BlackRock Investment Management (Australia) Limited	28-Apr-23	yes	2.24	on mkt buy	AUD	ORD	8,506	8,506
BlackRock Investment Management (Australia) Limited	28-Apr-23	yes	2.23	on mkt buy	AUD	ORD	6,910	6,910
BlackRock Investment Management (Australia) Limited	28-Apr-23	yes	2.23	on mkt buy	AUD	ORD	13,820	13,820
BlackRock Investment Management (Australia) Limited	28-Apr-23	yes	2.23	on mkt buy	AUD	ORD	85,605	85,605
BlackRock Investment Management (Australia) Limited	01-May-23	yes	2.22	on mkt buy	AUD	ORD	185,632	185,632
BlackRock Fund Advisors	02-May-23	no	n/a	in specie	AUD	ORD	7,829	7,829
BlackRock Investment Management (Australia) Limited	02-May-23	yes	2.17	on mkt buy	AUD	ORD	32,428	32,428
BlackRock Investment Management (Australia) Limited	02-May-23	yes	2.15	on mkt buy	AUD	ORD	11,056	11,056
BlackRock Investment Management (UK) Limited	02-May-23	no	n/a	collateral transfer	AUD	ORD	1	1
BlackRock Investment Management (Australia) Limited	03-May-23	yes	2.18	on mkt buy	AUD	ORD	63,847	63,847
BlackRock Institutional Trust Company, National Association	03-May-23	yes	2.18	on mkt buy	AUD	ORD	30,181	30,181
BlackRock Institutional Trust Company, National Association	03-May-23	yes	2.18	on mkt buy	AUD	ORD	6,352	6,352
BlackRock Institutional Trust Company, National Association	03-May-23	yes	2.18	on mkt buy	AUD	ORD	5,097	5,097
BlackRock Investment Management (Australia) Limited	03-May-23	yes	2.18	on mkt buy	AUD	ORD	40,538	40,538
BlackRock Investment Management (Australia) Limited	03-May-23	yes	2.18	on mkt buy	AUD	ORD	9,435	9,435
BlackRock Investment Management (Australia) Limited	03-May-23	yes	2.17	on mkt buy	AUD	ORD	62,037	62,037
BlackRock Investment Management (Australia) Limited	03-May-23	yes	2.17	on mkt buy	AUD	ORD	37,744	37,744
BlackRock Investment Management (Australia) Limited	03-May-23	yes	2.17	on mkt buy	AUD	ORD	12,226	12,226
BlackRock Investment Management (Australia) Limited	04-May-23	yes	2.23	on mkt buy	AUD	ORD	26,834	26,834
BlackRock Investment Management (Australia) Limited	04-May-23	yes	2.22	on mkt buy	AUD	ORD	256,757	256,757
BlackRock Investment Management (Australia) Limited	04-May-23	yes	2.23	on mkt buy	AUD	ORD	290,902	290,902
BlackRock Investment Management (Australia) Limited	04-May-23	yes	2.22	on mkt buy	AUD	ORD	7,654	7,654
BlackRock Investment Management, LLC	04-May-23	yes	2.22	on mkt buy	AUD	ORD	7,199	7,199
BlackRock Investment Management (Australia) Limited	04-May-23	yes	2.22	on mkt buy	AUD	ORD	5,949	5,949
BlackRock Investment Management (Australia) Limited	05-May-23	yes	2.19	on mkt buy	AUD	ORD	421,789	421,789
BlackRock Investment Management (Australia) Limited	05-May-23	yes	2.19	on mkt buy	AUD	ORD	4,408	4,408
BlackRock Institutional Trust Company, National Association	08-May-23	yes	2.21	on mkt buy	AUD	ORD	16,553	16,553
BlackRock Institutional Trust Company, National Association	08-May-23	yes	2.21	on mkt buy	AUD	ORD	1,985	1,985
BlackRock Institutional Trust Company, National Association	08-May-23	yes	2.21	on mkt buy	AUD	ORD	1,888	1,888
BlackRock Investment Management (Australia) Limited	08-May-23	yes	2.22	on mkt buy	AUD	ORD	52,969	52,969
BlackRock Investment Management (Australia) Limited	08-May-23	yes	2.22	on mkt buy	AUD	ORD	308,983	308,983
BlackRock Investment Management (Australia) Limited	08-May-23	yes	2.22	on mkt buy	AUD	ORD	22,178	22,178
BlackRock Investment Management (Australia) Limited	08-May-23	yes	2.22	on mkt buy	AUD	ORD	300,155	300,155
BlackRock Investment Management (Australia) Limited	08-May-23	yes	2.22	on mkt buy	AUD	ORD	8,412	8,412

Holder of Relevant Interest	Date of Acquisition / Transaction 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-May-23	yes	2.22	on mkt buy	AUD	ORD	203,046	203,046
BlackRock Advisors (UK) Limited	08-May-23	no	n/a	collateral transfer	AUD	ORD	82,496	82,496
BlackRock Investment Management, LLC	10-May-23	yes	2.12	on mkt buy	AUD	ORD	14,488	14,488
BlackRock Investment Management (Australia) Limited	11-May-23	yes	2.12	on mkt buy	AUD	ORD	129,027	129,027
BlackRock Investment Management (Australia) Limited	11-May-23	yes	2.12	on mkt buy	AUD	ORD	5,809	5,809
BlackRock Fund Advisors	12-May-23	no	n/a	in specie	AUD	ORD	9,800	9,800
BlackRock Investment Management (Australia) Limited	12-May-23	yes	2.06	on mkt buy	AUD	ORD	118,974	118,974
BlackRock Investment Management (Australia) Limited	12-May-23	yes	2.06	on mkt buy	AUD	ORD	16,824	16,824
BlackRock Advisors (UK) Limited	12-May-23	no	n/a	collateral transfer	AUD	ORD	518,762	518,762
BlackRock Fund Advisors	16-May-23	no	n/a	in specie	AUD	ORD	1,196	1,196
BlackRock Investment Management (Australia) Limited	16-May-23	yes	2.12	on mkt buy	AUD	ORD	16,598	16,598
BlackRock Investment Management, LLC	16-May-23	yes	2.12	on mkt buy	AUD	ORD	26,894	26,894
BlackRock Fund Advisors	16-May-23	no	n/a	in specie	AUD	ORD	12,428	12,428
BlackRock Fund Advisors	17-May-23	no	n/a	in specie	AUD	ORD	2,320	2,320
BlackRock Investment Management (Australia) Limited	17-May-23	yes	2.06	on mkt buy	AUD	ORD	176,617	176,617
BlackRock Investment Management (Australia) Limited	17-May-23	yes	2.06	on mkt buy	AUD	ORD	33,648	33,648
BlackRock Advisors (UK) Limited	17-May-23	yes	2.06	on mkt buy	AUD	ORD	8,620	8,620
BlackRock Advisors (UK) Limited	17-May-23	no	n/a	collateral transfer	AUD	ORD	2	2
BlackRock Investment Management (Australia) Limited	18-May-23	yes	2.05	on mkt buy	AUD	ORD	23,782	23,782
BlackRock Investment Management (Australia) Limited	18-May-23	yes	2.05	on mkt buy	AUD	ORD	180,713	180,713
BlackRock Investment Management (Australia) Limited	18-May-23	yes	2.05	on mkt buy	AUD	ORD	268,194	268,194
BlackRock Investment Management (Australia) Limited	18-May-23	yes	2.04	on mkt buy	AUD	ORD	47,668	47,668
BlackRock Investment Management (Australia) Limited	19-May-23	yes	2.03	on mkt buy	AUD	ORD	33,340	33,340
BlackRock Investment Management (Australia) Limited	19-May-23	yes	2.03	on mkt buy	AUD	ORD	86,731	86,731
BlackRock Investment Management (Australia) Limited	19-May-23	yes	2.04	on mkt buy	AUD	ORD	70,279	70,279
BlackRock Investment Management, LLC	19-May-23	yes	2.04	on mkt buy	AUD	ORD	20,151	20,151
BlackRock Fund Advisors	19-May-23	yes	2.04	on mkt buy	AUD	ORD	4,539	4,539
BlackRock Investment Management (Australia) Limited	22-May-23	yes	2.01	on mkt buy	AUD	ORD	130,262	130,262
BlackRock Investment Management, LLC	24-May-23	yes	1.96	on mkt buy	AUD	ORD	51,839	51,839
BlackRock Investment Management (Australia) Limited	25-May-23	yes	1.88	on mkt buy	AUD	ORD	204,458	204,458
BlackRock Investment Management (Australia) Limited	25-May-23	yes	1.87	on mkt buy	AUD	ORD	67,296	67,296
BlackRock Investment Management (Australia) Limited	26-May-23	yes	1.84	on mkt buy	AUD	ORD	4,408	4,408
BlackRock Investment Management, LLC	26-May-23	yes	1.84	on mkt buy	AUD	ORD	19,551	19,551
BlackRock Fund Advisors	26-May-23	yes	1.84	on mkt buy	AUD	ORD	3,519	3,519
BlackRock Investment Management (Australia) Limited	29-May-23	yes	1.86	on mkt buy	AUD	ORD	8,412	8,412
BlackRock Investment Management (Australia) Limited	31-May-23	yes	1.83	on mkt buy	AUD	ORD	9,867	9,867
BlackRock Institutional Trust Company, National Association	31-May-23	yes	1.83	on mkt buy	AUD	ORD	18,650	18,650
BlackRock Investment Management, LLC	31-May-23	yes	1.83	on mkt buy	AUD	ORD	26,167	26,167
BlackRock Fund Advisors	31-May-23	yes	1.83	on mkt buy	AUD	ORD	13,300	13,300
BlackRock Fund Advisors	31-May-23	yes	1.83	on mkt buy	AUD	ORD	18,301	18,301
BlackRock Institutional Trust Company, National Association	31-May-23	yes	1.83	on mkt buy	AUD	ORD	775	775
BlackRock Institutional Trust Company, National Association	31-May-23	yes	1.83	on mkt buy	AUD	ORD	14,755	14,755
BlackRock Investment Management (Australia) Limited	31-May-23	yes	1.83	on mkt buy	AUD	ORD	706	706
BlackRock Investment Management (UK) Limited	31-May-23	yes	1.83	on mkt buy	AUD	ORD	706	706
BlackRock Investment Management (Australia) Limited	31-May-23	yes	1.83	on mkt buy	AUD	ORD	4,930	4,930

Holder of Relevant Interest	Date of Acquisition / Transaction 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	31-May-23	yes	1.83	on mkt buy	AUD	ORD	262,997	262,997
BlackRock Fund Advisors	31-May-23	yes	1.83	on mkt buy	AUD	ORD	187,546	187,546
BlackRock Fund Advisors	31-May-23	yes	1.83	on mkt buy	AUD	ORD	258,079	258,079
BlackRock Investment Management (Australia) Limited	31-May-23	yes	1.83	on mkt buy	AUD	ORD	4,757	4,757
BlackRock Investment Management (UK) Limited	31-May-23	yes	1.83	on mkt buy	AUD	ORD	5,879	5,879
BlackRock Investment Management (Australia) Limited	31-May-23	yes	1.83	on mkt buy	AUD	ORD	1,761	1,761
BlackRock Institutional Trust Company, National Association	31-May-23	yes	1.83	on mkt buy	AUD	ORD	93,919	93,919
BlackRock Fund Advisors	31-May-23	yes	1.83	on mkt buy	AUD	ORD	66,974	66,974
BlackRock Fund Advisors	31-May-23	yes	1.83	on mkt buy	AUD	ORD	92,163	92,163
BlackRock Investment Management (Australia) Limited	31-May-23	yes	1.83	on mkt buy	AUD	ORD	1,699	1,699
BlackRock Investment Management (UK) Limited	31-May-23	yes	1.83	on mkt buy	AUD	ORD	2,099	2,099
BlackRock Investment Management (Australia) Limited	01-Jun-23	yes	1.91	on mkt buy	AUD	ORD	11,216	11,216
BlackRock Institutional Trust Company, National Association	02-Jun-23	yes	1.91	on mkt buy	AUD	ORD	42,478	42,478
BlackRock Investment Management, LLC	02-Jun-23	yes	1.91	on mkt buy	AUD	ORD	10,903	10,903
BlackRock Institutional Trust Company, National Association	06-Jun-23	yes	1.88	on mkt buy	AUD	ORD	228,994	228,994
BlackRock Institutional Trust Company, National Association	06-Jun-23	yes	1.88	on mkt buy	AUD	ORD	106,607	106,607
BlackRock Investment Management (Australia) Limited	07-Jun-23	yes	1.87	on mkt buy	AUD	ORD	16,824	16,824
BlackRock Institutional Trust Company, National Association	07-Jun-23	yes	1.87	on mkt buy	AUD	ORD	1,900	1,900
BlackRock Investment Management (Australia) Limited	08-Jun-23	yes	1.82	on mkt buy	AUD	ORD	6,405	6,405
BlackRock Investment Management (Australia) Limited	08-Jun-23	yes	1.82	on mkt buy	AUD	ORD	203,668	203,668
BlackRock Advisors (UK) Limited	13-Jun-23	yes	1.78	on mkt buy	AUD	ORD	29,984	29,984
BlackRock Fund Advisors	13-Jun-23	yes	1.78	on mkt buy	AUD	ORD	203,678	203,678
BlackRock Advisors (UK) Limited	13-Jun-23	no	n/a	collateral transfer	AUD	ORD	4	4
BlackRock Fund Advisors	14-Jun-23	no	n/a	in specie	AUD	ORD	1,196	1,196
BlackRock Financial Management, Inc.	14-Jun-23	yes	1.77	on mkt buy	AUD	ORD	200,100	200,100
BlackRock Advisors (UK) Limited	14-Jun-23	yes	1.77	on mkt buy	AUD	ORD	30,008	30,008
BlackRock Financial Management, Inc.	15-Jun-23	yes	1.73	on mkt buy	AUD	ORD	119,208	119,208
BlackRock Advisors (UK) Limited	15-Jun-23	yes	1.73	on mkt buy	AUD	ORD	37,535	37,535
BlackRock Financial Management, Inc.	16-Jun-23	yes	1.77	on mkt buy	AUD	ORD	137,937	137,937
BlackRock Investment Management (Australia) Limited	19-Jun-23	yes	1.79	on mkt buy	AUD	ORD	12,618	12,618
BlackRock Advisors (UK) Limited	20-Jun-23	yes	1.78	on mkt buy	AUD	ORD	14,444	14,444
BlackRock Fund Advisors	21-Jun-23	yes	1.74	on mkt buy	AUD	ORD	81,814	81,814
BlackRock Financial Management, Inc.	22-Jun-23	yes	1.69	on mkt buy	AUD	ORD	36,004	36,004
BlackRock Investment Management (UK) Limited	22-Jun-23	yes	1.68	on mkt buy	AUD	ORD	78,749	78,749
BlackRock Advisors (UK) Limited	22-Jun-23	no	n/a	collateral transfer	AUD	ORD	1	1
BlackRock Investment Management (Australia) Limited	23-Jun-23	yes	1.66	on mkt buy	AUD	ORD	3,949	3,949
BlackRock Fund Advisors	23-Jun-23	yes	1.66	on mkt buy	AUD	ORD	5,457	5,457
BlackRock Financial Management, Inc.	26-Jun-23	yes	1.69	on mkt buy	AUD	ORD	131,335	131,335
BlackRock Investment Management, LLC	26-Jun-23	yes	1.70	on mkt buy	AUD	ORD	8,925	8,925
BlackRock Investment Management (Australia) Limited	27-Jun-23	yes	1.69	on mkt buy	AUD	ORD	3,949	3,949
BlackRock Investment Management (Australia) Limited	27-Jun-23	yes	1.69	on mkt buy	AUD	ORD	4,408	4,408
BlackRock Investment Management, LLC	27-Jun-23	yes	1.69	on mkt buy	AUD	ORD	10,104	10,104
BlackRock Advisors (UK) Limited	27-Jun-23	no	n/a	collateral transfer	AUD	ORD	999,280	999,280
BlackRock Financial Management, Inc.	29-Jun-23	yes	1.67	on mkt buy	AUD	ORD	181,520	181,520
BlackRock Advisors (UK) Limited	29-Jun-23	yes	1.67	on mkt buy	AUD	ORD	8,660	8,660
BlackRock Fund Advisors	30-Jun-23	no	n/a	in specie	AUD	ORD	1,196	1,196
BlackRock Investment Management (Australia) Limited	30-Jun-23	yes	1.65	on mkt buy	AUD	ORD	2,804	2,804
BlackRock Advisors (UK) Limited	30-Jun-23	no	n/a	collateral transfer	AUD	ORD	1,687,450	1,687,450
BlackRock Financial Management, Inc.	03-Jul-23	yes	1.71	on mkt buy	AUD	ORD	70,159	70,159
BlackRock Advisors (UK) Limited	03-Jul-23	yes	1.72	on mkt buy	AUD	ORD	12,996	12,996

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	03-Jul-23	yes	1.72	on mkt buy	AUD	ORD	90,575	90,575
BlackRock Institutional Trust Company, National Association	03-Jul-23	no	n/a	in specie	AUD	ORD	26,212	26,212
BlackRock Investment Management (UK) Limited	03-Jul-23	no	n/a	collateral transfer	AUD	ORD	500,843	500,843
BlackRock Investment Management (Australia) Limited	05-Jul-23	yes	1.72	on mkt buy	AUD	ORD	14,738	14,738
BlackRock Fund Advisors	06-Jul-23	no	n/a	in specie	AUD	ORD	1,196	1,196
BlackRock Financial Management, Inc.	06-Jul-23	yes	1.69	on mkt buy	AUD	ORD	185,315	185,315
BlackRock Advisors (UK) Limited	06-Jul-23	yes	1.70	on mkt buy	AUD	ORD	57,216	57,216
BlackRock Investment Management (Australia) Limited	06-Jul-23	yes	1.70	on mkt buy	AUD	ORD	11,269	11,269
BlackRock Advisors (UK) Limited	06-Jul-23	no	n/a	collateral transfer	AUD	ORD	2,764	2,764
BlackRock Financial Management, Inc.	10-Jul-23	yes	1.63	on mkt buy	AUD	ORD	34,803	34,803
BlackRock Advisors (UK) Limited	10-Jul-23	yes	1.63	on mkt buy	AUD	ORD	64,503	64,503
BlackRock Advisors (UK) Limited	10-Jul-23	yes	1.63	on mkt buy	AUD	ORD	2,159	2,159
BlackRock Institutional Trust Company, National Association	10-Jul-23	yes	1.63	on mkt buy	AUD	ORD	20,336	20,336
BlackRock Advisors (UK) Limited	10-Jul-23	no	n/a	collateral transfer	AUD	ORD	910,713	910,713
BlackRock Advisors (UK) Limited	12-Jul-23	no	n/a	collateral transfer	AUD	ORD	1,240,000	1,240,000
BlackRock Investment Management (UK) Limited	12-Jul-23	no	n/a	collateral transfer	AUD	ORD	659,941	659,941
BlackRock Financial Management, Inc.	13-Jul-23	yes	1.82	on mkt buy	AUD	ORD	177,917	177,917
BlackRock Investment Management (Australia) Limited	13-Jul-23	yes	1.81	on mkt buy	AUD	ORD	8,406	8,406
BlackRock Investment Management (Australia) Limited	13-Jul-23	yes	1.81	on mkt buy	AUD	ORD	6,609	6,609
BlackRock Advisors (UK) Limited	13-Jul-23	yes	1.82	on mkt buy	AUD	ORD	199,864	199,864
BlackRock Advisors (UK) Limited	13-Jul-23	yes	1.81	on mkt buy	AUD	ORD	7,138	7,138
BlackRock Advisors (UK) Limited	13-Jul-23	yes	1.81	on mkt buy	AUD	ORD	157,036	157,036
BlackRock Advisors (UK) Limited	14-Jul-23	no	n/a	collateral transfer	AUD	ORD	262,835	262,835
BlackRock Financial Management, Inc.	17-Jul-23	yes	1.79	on mkt buy	AUD	ORD	4,125	4,125
BlackRock Investment Management (UK) Limited	19-Jul-23	no	n/a	collateral transfer	AUD	ORD	215,484	215,484
BlackRock Investment Management (Australia) Limited	20-Jul-23	yes	1.80	on mkt buy	AUD	ORD	19,614	19,614
BlackRock Advisors (UK) Limited	20-Jul-23	no	n/a	collateral transfer	AUD	ORD	215,537	215,537
BlackRock Financial Management, Inc.	24-Jul-23	yes	1.70	on mkt buy	AUD	ORD	19,083	19,083
BlackRock Investment Management (Australia) Limited	26-Jul-23	yes	1.79	on mkt buy	AUD	ORD	14,010	14,010
BlackRock Investment Management (Australia) Limited	26-Jul-23	yes	1.79	on mkt buy	AUD	ORD	3,838	3,838
BlackRock Investment Management, LLC	26-Jul-23	yes	1.79	on mkt buy	AUD	ORD	20,619	20,619
BlackRock Fund Advisors	26-Jul-23	no	n/a	in specie	AUD	ORD	11,561	11,561
BlackRock Financial Management, Inc.	27-Jul-23	yes	1.77	on mkt buy	AUD	ORD	157,409	157,409
BlackRock Institutional Trust Company, National Association	28-Jul-23	yes	1.68	on mkt buy	AUD	ORD	9,632	9,632
BlackRock Institutional Trust Company, National Association	28-Jul-23	yes	1.68	on mkt buy	AUD	ORD	11,618	11,618
BlackRock Institutional Trust Company, National Association	28-Jul-23	yes	1.68	on mkt buy	AUD	ORD	6,182	6,182
BlackRock Investment Management (Australia) Limited	28-Jul-23	yes	1.71	on mkt buy	AUD	ORD	7,561	7,561
BlackRock Advisors (UK) Limited	28-Jul-23	yes	1.71	on mkt buy	AUD	ORD	8,600	8,600
BlackRock Investment Management (Australia) Limited	28-Jul-23	yes	1.71	on mkt buy	AUD	ORD	26,025	26,025
BlackRock Investment Management (Australia) Limited	28-Jul-23	yes	1.71	on mkt buy	AUD	ORD	11,806	11,806
BlackRock Investment Management (Australia) Limited	31-Jul-23	yes	1.74	on mkt buy	AUD	ORD	33,602	33,602
BlackRock Financial Management, Inc.	31-Jul-23	yes	1.74	on mkt buy	AUD	ORD	257,884	257,884
BlackRock Institutional Trust Company, National Association	31-Jul-23	yes	1.74	on mkt buy	AUD	ORD	29,169	29,169
BlackRock Fund Advisors	31-Jul-23	no	n/a	in specie	AUD	ORD	10,843	10,843
BlackRock Investment Management (Australia) Limited	01-Aug-23	yes	1.78	on mkt buy	AUD	ORD	4,406	4,406
BlackRock Investment Management (Australia) Limited	01-Aug-23	yes	1.78	on mkt buy	AUD	ORD	6,302	6,302
BlackRock Investment Management (Australia) Limited	01-Aug-23	yes	1.78	on mkt buy	AUD	ORD	7,561	7,561

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	01-Aug-23	yes	1.78	on mkt buy	AUD	ORD	21,414	21,414
BlackRock Investment Management (Australia) Limited	01-Aug-23	yes	1.78	on mkt buy	AUD	ORD	7,676	7,676
BlackRock Investment Management, LLC	01-Aug-23	yes	1.78	on mkt buy	AUD	ORD	61,550	61,550
BlackRock Advisors (UK) Limited	01-Aug-23	no	n/a	collateral transfer	AUD	ORD	269,680	269,680
BlackRock Fund Advisors	02-Aug-23	no	n/a	in specie	AUD	ORD	8,682	8,682
BlackRock Institutional Trust Company, National Association	02-Aug-23	yes	1.75	on mkt buy	AUD	ORD	10,349	10,349
BlackRock Institutional Trust Company, National Association	02-Aug-23	yes	1.75	on mkt buy	AUD	ORD	6,807	6,807
BlackRock Institutional Trust Company, National Association	02-Aug-23	yes	1.75	on mkt buy	AUD	ORD	6,684	6,684
BlackRock Investment Management (Australia) Limited	02-Aug-23	yes	1.74	on mkt buy	AUD	ORD	11,208	11,208
BlackRock Investment Management (Australia) Limited	02-Aug-23	yes	1.74	on mkt buy	AUD	ORD	3,838	3,838
BlackRock Investment Management (Australia) Limited	02-Aug-23	yes	1.74	on mkt buy	AUD	ORD	45,316	45,316
BlackRock Investment Management (Australia) Limited	02-Aug-23	yes	1.74	on mkt buy	AUD	ORD	26,408	26,408
BlackRock Investment Management (Australia) Limited	02-Aug-23	yes	1.74	on mkt buy	AUD	ORD	60,839	60,839
BlackRock Investment Management (Australia) Limited	03-Aug-23	yes	1.73	on mkt buy	AUD	ORD	122,457	122,457
BlackRock Investment Management (Australia) Limited	03-Aug-23	yes	1.73	on mkt buy	AUD	ORD	233,926	233,926
BlackRock Investment Management (Australia) Limited	03-Aug-23	yes	1.73	on mkt buy	AUD	ORD	23,268	23,268
BlackRock Financial Management, Inc.	03-Aug-23	yes	1.73	on mkt buy	AUD	ORD	246,291	246,291
BlackRock Advisors (UK) Limited	03-Aug-23	no	n/a	collateral transfer	AUD	ORD	8	8
BlackRock Institutional Trust Company, National Association	04-Aug-23	yes	1.73	on mkt buy	AUD	ORD	3,843	3,843
BlackRock Institutional Trust Company, National Association	04-Aug-23	yes	1.73	on mkt buy	AUD	ORD	3,777	3,777
BlackRock Investment Management (Australia) Limited	04-Aug-23	yes	1.75	on mkt buy	AUD	ORD	42,400	42,400
BlackRock Investment Management (Australia) Limited	04-Aug-23	yes	1.75	on mkt buy	AUD	ORD	142,189	142,189
BlackRock Investment Management (Australia) Limited	04-Aug-23	yes	1.75	on mkt buy	AUD	ORD	175,863	175,863
BlackRock Investment Management (Australia) Limited	04-Aug-23	yes	1.75	on mkt buy	AUD	ORD	16,899	16,899
BlackRock Investment Management, LLC	04-Aug-23	yes	1.75	on mkt buy	AUD	ORD	38,471	38,471
BlackRock Investment Management (Australia) Limited	04-Aug-23	yes	1.75	on mkt buy	AUD	ORD	49,035	49,035
BlackRock Investment Management (Australia) Limited	04-Aug-23	yes	1.75	on mkt buy	AUD	ORD	250,298	250,298
BlackRock Financial Management, Inc.	07-Aug-23	yes	1.77	on mkt buy	AUD	ORD	196,698	196,698
BlackRock Investment Management (Australia) Limited	07-Aug-23	yes	1.78	on mkt buy	AUD	ORD	263,172	263,172
BlackRock Investment Management (Australia) Limited	08-Aug-23	yes	1.71	on mkt buy	AUD	ORD	30,595	30,595
BlackRock Investment Management (Australia) Limited	08-Aug-23	yes	1.71	on mkt buy	AUD	ORD	75,654	75,654
BlackRock Investment Management (Australia) Limited	08-Aug-23	yes	1.71	on mkt buy	AUD	ORD	1,401	1,401
BlackRock Investment Management (Australia) Limited	08-Aug-23	yes	1.71	on mkt buy	AUD	ORD	11,208	11,208
BlackRock Institutional Trust Company, National Association	09-Aug-23	yes	1.70	on mkt buy	AUD	ORD	17,241	17,241
BlackRock Institutional Trust Company, National Association	09-Aug-23	yes	1.70	on mkt buy	AUD	ORD	17,184	17,184
BlackRock Investment Management (Australia) Limited	09-Aug-23	yes	1.73	on mkt buy	AUD	ORD	76,430	76,430
BlackRock Investment Management (Australia) Limited	09-Aug-23	yes	1.73	on mkt buy	AUD	ORD	96,050	96,050
BlackRock Investment Management (Australia) Limited	09-Aug-23	yes	1.73	on mkt buy	AUD	ORD	133,810	133,810
BlackRock Investment Management (Australia) Limited	09-Aug-23	yes	1.73	on mkt buy	AUD	ORD	9,291	9,291
BlackRock Investment Management, LLC	09-Aug-23	yes	1.74	on mkt buy	AUD	ORD	28,390	28,390
BlackRock Investment Management (UK) Limited	09-Aug-23	no	n/a	collateral transfer	AUD	ORD	800,004	800,004

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	10-Aug-23	yes	1.72	on mkt buy	AUD	ORD	167,936	167,936
BlackRock Investment Management (Australia) Limited	10-Aug-23	yes	1.72	on mkt buy	AUD	ORD	210,089	210,089
BlackRock Investment Management (Australia) Limited	10-Aug-23	yes	1.73	on mkt buy	AUD	ORD	19,912	19,912
BlackRock Financial Management, Inc.	10-Aug-23	yes	1.73	on mkt buy	AUD	ORD	53,828	53,828
BlackRock Financial Management, Inc.	10-Aug-23	no	n/a	in specie	AUD	ORD	15,309	15,309
BlackRock Institutional Trust Company, National Association	11-Aug-23	yes	1.73	on mkt buy	AUD	ORD	27,041	27,041
BlackRock Institutional Trust Company, National Association	11-Aug-23	yes	1.73	on mkt buy	AUD	ORD	23,283	23,283
BlackRock Institutional Trust Company, National Association	11-Aug-23	yes	1.73	on mkt buy	AUD	ORD	24,504	24,504
BlackRock Investment Management (Australia) Limited	11-Aug-23	yes	1.74	on mkt buy	AUD	ORD	158,144	158,144
BlackRock Investment Management (Australia) Limited	11-Aug-23	yes	1.74	on mkt buy	AUD	ORD	189,468	189,468
BlackRock Investment Management (Australia) Limited	11-Aug-23	yes	1.74	on mkt buy	AUD	ORD	62,727	62,727
BlackRock Investment Management (Australia) Limited	11-Aug-23	yes	1.74	on mkt buy	AUD	ORD	5,262	5,262
BlackRock Investment Management (Australia) Limited	11-Aug-23	yes	1.74	on mkt buy	AUD	ORD	7,134	7,134
BlackRock Advisors (UK) Limited	11-Aug-23	no	n/a	collateral transfer	AUD	ORD	3,300,898	3,300,898
BlackRock Financial Management, Inc.	14-Aug-23	yes	1.73	on mkt buy	AUD	ORD	29,601	29,601
BlackRock Investment Management (Australia) Limited	14-Aug-23	yes	1.73	on mkt buy	AUD	ORD	198,367	198,367
BlackRock Investment Management (Australia) Limited	14-Aug-23	yes	1.72	on mkt buy	AUD	ORD	15,272	15,272
BlackRock Advisors (UK) Limited	14-Aug-23	yes	1.72	on mkt buy	AUD	ORD	2,169	2,169
BlackRock Institutional Trust Company, National Association	14-Aug-23	no	n/a	in specie	AUD	ORD	24,112	24,112
BlackRock Investment Management (UK) Limited	14-Aug-23	no	n/a	collateral transfer	AUD	ORD	718,000	718,000
BlackRock Fund Advisors	15-Aug-23	no	n/a	in specie	AUD	ORD	8,160	8,160
BlackRock Investment Management (Australia) Limited	15-Aug-23	yes	1.69	on mkt buy	AUD	ORD	37,519	37,519
BlackRock Investment Management, LLC	15-Aug-23	yes	1.69	on mkt buy	AUD	ORD	7,566	7,566
BlackRock Fund Advisors	16-Aug-23	no	n/a	in specie	AUD	ORD	22,176	22,176
BlackRock Institutional Trust Company, National Association	16-Aug-23	yes	1.69	on mkt buy	AUD	ORD	40,030	40,030
BlackRock Institutional Trust Company, National Association	16-Aug-23	yes	1.69	on mkt buy	AUD	ORD	16,405	16,405
BlackRock Institutional Trust Company, National Association	16-Aug-23	yes	1.69	on mkt buy	AUD	ORD	16,835	16,835
BlackRock Investment Management (Australia) Limited	16-Aug-23	yes	1.69	on mkt buy	AUD	ORD	63,601	63,601
BlackRock Investment Management (Australia) Limited	16-Aug-23	yes	1.69	on mkt buy	AUD	ORD	196,624	196,624
BlackRock Investment Management (Australia) Limited	16-Aug-23	yes	1.69	on mkt buy	AUD	ORD	382,352	382,352
BlackRock Investment Management (Australia) Limited	16-Aug-23	yes	1.69	on mkt buy	AUD	ORD	11,779	11,779
BlackRock Investment Management (Australia) Limited	16-Aug-23	yes	1.69	on mkt buy	AUD	ORD	11,208	11,208
BlackRock Investment Management (Australia) Limited	16-Aug-23	yes	1.69	on mkt buy	AUD	ORD	5,604	5,604

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

18-Aug-23  
Date

Tevin Murray,  
Authorised Signatory

### 7. Addresses

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

Name	Address
<b>BlackRock Group</b>	
BlackRock Inc.	50 Hudson Yards New York, NY 10001 USA
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Financial Management, Inc.	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 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



## 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) Credit Suisse AG, Dublin Branch GMSLA, 28 September 2015
- (h) Credit Suisse International GMSLA, 10 March 2014
- (i) Credit Suisse Securities (Europe) Limited GMSLA, 26 August 2015
- (j) Deutsche Bank AG, London Branch GMSLA, 25 August 2017
- (k) Goldman Sachs International GMSLA, 2nd August 2022
- (l) HSBC Bank plc GMSLA GMSLA, 27 October 2016
- (m) ING Bank N.V. GMSLA, 12 November 2018
- (n) J.P. Morgan Securities plc GMSLA, 12 July 2011
- (o) Macquarie Bank Limited GMSLA, 18 August 2014
- (p) Merrill Lynch International GMSLA, 3 February 2020
- (q) Morgan Stanley & Co International plc GMSLA, 9 June 2021
- (r) Natixis SA GMSLA, 29 January 2018
- (s) Nomura International plc GMSLA, 2 November 2011
- (t) Royal Bank of Canada Europe Limited GMSLA, 3 February 2017
- (u) Royal Bank of Scotland plc (renamed to Natwest Markets Plc) GMSLA, 1 April 2011
- (v) Santander UK Plc GMSLA, 25 January 2019
- (w) Societe Generale GMSLA, 27 January 2012
- (x) UBS AG GMSLA, 28 April 2016
- (y) UBS Europe SE GMSLA, 1 February 2019
- (z) BAL/Banco Santander, S.A. GMSLA, 30 April 2019
- (aa) Canadian Imperial Bank of Commerce, London Branch GMSLA, 21 June 2019
- (bb) Zürcher Kantonalbank GMSLA, 30 October 2019
- (cc) The Hongkong and Shanghai Banking Corporation Limited GMSLA, 7 February 2020
- (dd) BNP Paribas Prime Brokerage International Limited GMSLA 19 October 2021
- (ee) Jefferies International Limited GMLSA 22 June 2023

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 International GMSLA, April 4, 2020
- h. Credit Suisse Securities (Europe) Limited GMSLA, October 2, 2015
- i. Deutsche Bank AG, London Branch GMSLA, June 7, 2017
- j. Goldman Sachs International GMSLA, February 20, 2023
- k. HSBC Bank plc GMSLA, February 12, 2013
- l. J.P. Morgan Securities plc GMSLA, October 4, 2016
- m. J.P. Morgan Securities plc GMSLA (Pledge), July 1, 2020
- n. Macquarie Bank Limited GMSLA, October 3, 2016
- o. Merrill Lynch International GMSLA, February 19, 2014
- p. Morgan Stanley & Co International plc GMSLA, November 16, 2021
- q. Nomura International plc GMSLA 03 August 2018
- r. Societe Generale GMSLA, September 28, 2016
- s. UBS AG GMSLA, May 26, 2016
- t. UBS AG GMSLA (Pledge), June 2, 2020
- u. UBS Europe SE GMSLA, 1 February 2019
- v. The Hongkong and Shanghai Banking Corporation Limited GMSLA, 22 February 2019
- w. RBC Europe Limited GMSLA, 4 February 2019
- x. ING BANK N.V. GMSLA, 27 February, 2019
- y. BANCO SANTANDER, S.A. GMSLA, 11 September, 2019
- z. Credit Suisse A.G., Singapore Branch GMSLA, 25 October, 2019

- aa. Natixis S.A. GMSLA, November 21, 2019.
- bb. CREDIT SUISSE INTERNATIONAL GMSLA, 4 April 2020
- cc. BNP Paribas Prime Brokerage International Limited GMSLA 22 November 2021

These counterparties do not pledge Australian equities:

- (a) Merrill Lynch, Pierce, Fenner Smith Incorporated

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**