

Form 604

Corporations Act 2001

Section 671B

Notice of change of interests of substantial holderTo Company Name/Scheme ALUMINA LIMITEDACN/ARSN 004 820 419**1. Details of substantial holder(1)**Name State Street Corporation and subsidiaries named in Annexures to this form

ACN/ARSN (if applicable) _____

There was a change in the interests of the substantial holder on 30/11/2022The previous notice was given to the company on 27/10/2022The previous notice was dated 25/10/2022**2. Previous and present 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 when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
Ordinary	180,957,825	6.24%	150,283,094	5.18%

3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
Annexure B, D & E					

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Annexure A					

5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association

6. Addresses

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

Name	Address
Annexure C	

Signature

print name	Alok Maheshwary	capacity	Authorised signatory
sign here		date	02/12/2022

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 6 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 person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (6) Include details of:
 - (a) Any relevant agreement or other circumstances because of which the change in relevant interest occurred. 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.
- (7) 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.
- (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)

Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

02 December 2022

Alok Maheshwary
Authorised Signatory

Holder of relevant interest	Nature of Relevant Interest	Registered Holder of securities	Person Entitled to be registered as holder	Class and number of Securities		Person's votes
SSGA FUNDS 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	State Street Bank and Trust Co	n/a	Ordinary	5,121,808	5,121,808
STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Bank of New York Mellon	n/a	Ordinary	276,248	276,248
STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	The Bank of New York Mellon	n/a	Ordinary	31,222	31,222
STATE STREET GLOBAL ADVISORS EUROPE 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	Bank of New York Mellon	n/a	Ordinary	219,283	219,283
STATE STREET GLOBAL ADVISORS EUROPE 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 AG	n/a	Ordinary	72,131	72,131
STATE STREET GLOBAL ADVISORS EUROPE 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	JPMorgan AG	n/a	Ordinary	26,294	26,294
STATE STREET GLOBAL ADVISORS EUROPE 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 Company	n/a	Ordinary	15,192	15,192
STATE STREET GLOBAL ADVISORS EUROPE 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 and Trust Co	n/a	Ordinary	279,199	279,199
STATE STREET GLOBAL ADVISORS 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	JPMorgan AG	n/a	Ordinary	138,996	138,996
STATE STREET GLOBAL ADVISORS 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 Company	n/a	Ordinary	143,258	143,258
STATE STREET GLOBAL ADVISORS 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 and Trust Co	n/a	Ordinary	3,800,515	3,800,515
STATE STREET GLOBAL ADVISORS 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	The Bank of New York Mellon	n/a	Ordinary	338,556	338,556
STATE STREET GLOBAL ADVISORS TRUST COMPANY	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	Bank of New York Mellon	n/a	Ordinary	140,742	140,742
STATE STREET GLOBAL ADVISORS TRUST COMPANY	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	Fiduciary Trust	n/a	Ordinary	640	640
STATE STREET GLOBAL ADVISORS TRUST COMPANY	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	JPMorgan AG	n/a	Ordinary	334,386	334,386
STATE STREET GLOBAL ADVISORS TRUST COMPANY	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 Company	n/a	Ordinary	966,131	966,131
STATE STREET GLOBAL ADVISORS TRUST COMPANY	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 and Trust Co	n/a	Ordinary	13,774,102	13,774,102
STATE STREET GLOBAL ADVISORS TRUST COMPANY	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	The Bank of New York Mellon	n/a	Ordinary	1,003,593	1,003,593
STATE STREET GLOBAL ADVISORS TRUST COMPANY	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	US Bank Trust	n/a	Ordinary	4,160	4,160
STATE STREET GLOBAL ADVISORS, 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 Paribas	n/a	Ordinary	1,264,886	1,264,886
STATE STREET GLOBAL ADVISORS, 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	JPMorgan AG	n/a	Ordinary	5,104,602	5,104,602
STATE STREET GLOBAL ADVISORS, 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 Company	n/a	Ordinary	62,842,977	62,842,977
STATE STREET GLOBAL ADVISORS, 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	State Street Bank and Trust Co	n/a	Ordinary	23,715,994	23,715,994
STATE STREET GLOBAL ADVISORS, 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	State Street Bank and Trust Co	n/a	Ordinary	33,777	33,777
STATE STREET BANK AND TRUST COMPANY	For borrowed and on-lent securities: Relevant interest under section 608(1) being the right, as lender, to recall shares under a securities loan	UNKNOWN	STATE STREET BANK AND TRUST COMPANY	Ordinary	145,193	145,193
STATE STREET BANK AND TRUST COMPANY	For borrowed and on-lent securities: Relevant interest under section 608(1) being the right, as lender, to recall shares under a securities loan	UNKNOWN	STATE STREET BANK AND TRUST COMPANY	Ordinary	20,561	20,561
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	ALAMEDA COUNTY EMPLOYEE RETIREMENT ASSOCIATION	ALAMEDA COUNTY EMPLOYEE RETIREMENT ASSOCIATION	Ordinary	95,184	95,184
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	AWARE SUPER PTY LTD AS TRUSTEE OF THE AWARE SUPER	AWARE SUPER PTY LTD AS TRUSTEE OF THE AWARE SUPER	Ordinary	12,251,582	12,251,582
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	CALSTRS	CALSTRS	Ordinary	2,438,885	2,438,885

STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	DIMENSIONAL FUND ADVISORS	DIMENSIONAL FUND ADVISORS	Ordinary	772,668	772,668
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	KAISER FOUNDATION HOSPITALS	KAISER FOUNDATION HOSPITALS	Ordinary	66,676	66,676
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	KAISER PERMANENTE GROUP TRUST	KAISER PERMANENTE GROUP TRUST	Ordinary	17,282	17,282
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	LOS ANGELES COUNTY EMPLOYEES RETIREMENT ASSOCIATION	LOS ANGELES COUNTY EMPLOYEES RETIREMENT ASSOCIATION	Ordinary	2,597,192	2,597,192
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	M FUND, INC.	M FUND, INC.	Ordinary	19,550	19,550
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	MANAGED PENSION FUNDS LIMITED	MANAGED PENSION FUNDS LIMITED	Ordinary	1,137,218	1,137,218
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	NORTHROP GRUMMAN	NORTHROP GRUMMAN	Ordinary	5,140	5,140
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	SEA1	SEA1	Ordinary	22,674	22,674
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	SSGA	SSGA	Ordinary	3,117,856	3,117,856
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	SSGA SPDR INDEX SHARE FUNDS	SSGA SPDR INDEX SHARE FUNDS	Ordinary	4,068,412	4,068,412
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	SSUTM AUTHORISED UNIT TRUST SCHEME	SSUTM AUTHORISED UNIT TRUST SCHEME	Ordinary	537,890	537,890
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	STATE STREET GLOBAL ADVISORS FUNDS MANAGEMENT LIMITED	STATE STREET GLOBAL ADVISORS FUNDS MANAGEMENT LIMITED	Ordinary	69,470	69,470
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	THE EATON VANCE INVESTMENT COMPANIES	THE EATON VANCE INVESTMENT COMPANIES	Ordinary	164,640	164,640
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	VANECK ETF FUNDS	VANECK ETF FUNDS	Ordinary	1,499	1,499
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	WA STATE INVESTMENT BOARD	WA STATE INVESTMENT BOARD	Ordinary	768,083	768,083
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	WISDOMTREE TRUST	WISDOMTREE TRUST	Ordinary	2,316,747	2,316,747

02 December 2022

Alok Maheshwary
Authorised Signatory

Date of Change	Person whose relevant interest changed	Nature of Change	Consideration given in relation to Change	Class and number of Securities affected		Person's Votes affected
27-Oct-2022	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	1.39	Ordinary	840	840
03-Nov-2022	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	1.45	Ordinary	1,682	1,682
09-Nov-2022	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Sale	1.50	Ordinary	(25,200)	(25,200)
22-Nov-2022	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Sale	1.53	Ordinary	(21,541)	(21,541)
29-Nov-2022	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	1.53	Ordinary	1,678	1,678
16-Nov-2022	STATE STREET GLOBAL ADVISORS LIMITED	Purchase	1.58	Ordinary	20,975	20,975
23-Nov-2022	STATE STREET GLOBAL ADVISORS LIMITED	In specie redemption	n/a	Ordinary	(659,343)	(659,343)
26-Oct-2022	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	In specie application	n/a	Ordinary	2,744	2,744
03-Nov-2022	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	In specie redemption	n/a	Ordinary	(585,017)	(585,017)
09-Nov-2022	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	In specie application	n/a	Ordinary	41,160	41,160
10-Nov-2022	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	In specie application	n/a	Ordinary	41,160	41,160
18-Nov-2022	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	In specie redemption	n/a	Ordinary	(41,160)	(41,160)
21-Nov-2022	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	In specie application	n/a	Ordinary	79,332	79,332
21-Nov-2022	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	In specie redemption	n/a	Ordinary	(5,488)	(5,488)
30-Nov-2022	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Sale	1.52	Ordinary	(4,076,662)	(4,076,662)
26-Oct-2022	STATE STREET GLOBAL ADVISORS, INC.	In specie application	n/a	Ordinary	52,100	52,100
27-Oct-2022	STATE STREET GLOBAL ADVISORS, INC.	In specie application	n/a	Ordinary	2,727	2,727
04-Nov-2022	STATE STREET GLOBAL ADVISORS, INC.	In specie application	n/a	Ordinary	136,851	136,851
09-Nov-2022	STATE STREET GLOBAL ADVISORS, INC.	In specie application	n/a	Ordinary	10,410	10,410
30-Nov-2022	STATE STREET GLOBAL ADVISORS, INC.	Purchase	1.52	Ordinary	6,008	6,008
30-Nov-2022	STATE STREET GLOBAL ADVISORS, INC.	Sale	1.52	Ordinary	(102,425)	(102,425)
30-Nov-2022	STATE STREET GLOBAL ADVISORS, INC.	In specie application	n/a	Ordinary	59,126	59,126
30-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan from JPMorgan Chase Bank NA – Refer Part A of Annexure E	n/a	Ordinary	(11,450)	(11,450)
31-Oct-2022	STATE STREET BANK AND TRUST COMPANY	Borrowing securities under a securities loan from State Street Bank and Trust Company – Refer Part A of Annexure E	n/a	Ordinary	32,161	32,161
30-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Borrowing securities under a securities loan from State Street Bank and Trust Company – Refer Part A of Annexure E	n/a	Ordinary	32,011	32,011
31-Oct-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to AQR FUNDS AQR ALTERNATIVE RISK PREMIA FUND – Refer Part B of Annexure E	n/a	Ordinary	32,161	32,161
30-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE STATE STREET GROUP – Refer Part A of Annexure D	n/a	Ordinary	(10,814)	(10,814)
15-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE HSBC GROUP – Refer Part A of Annexure D	n/a	Ordinary	1,693,179	1,693,179
07-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE J.P. MORGAN CHASE GROUP – Refer Part A of Annexure D	n/a	Ordinary	288,736	288,736
26-Oct-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	42,631	42,631
28-Oct-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	(20,733,797)	(20,733,797)
01-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	127,810	127,810
02-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	116,000	116,000
04-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	147,000	147,000
09-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	(466,810)	(466,810)
10-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	(14,610)	(14,610)
11-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	105,277	105,277
16-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	635,324	635,324
17-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	(120,000)	(120,000)
18-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	(145,410)	(145,410)
21-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	111,000	111,000
23-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	254,000	254,000
24-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	(355,710)	(355,710)
25-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	450,000	450,000

28-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	(160,290)	(160,290)
29-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	721,970	721,970
30-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE MACQUARIE GROUP – Refer Part A of Annexure D	n/a	Ordinary	884,000	884,000
01-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to UBS SECURITIES AUSTRALIA LTD – Refer Part A of Annexure D	n/a	Ordinary	721,204	721,204
17-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by UBS SECURITIES AUSTRALIA LTD – Refer Part A of Annexure D	n/a	Ordinary	(678,291)	(678,291)
18-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to UBS SECURITIES AUSTRALIA LTD – Refer Part A of Annexure D	n/a	Ordinary	971,654	971,654
21-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by UBS SECURITIES AUSTRALIA LTD – Refer Part A of Annexure D	n/a	Ordinary	(794,520)	(794,520)
22-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by UBS SECURITIES AUSTRALIA LTD – Refer Part A of Annexure D	n/a	Ordinary	(1,288,715)	(1,288,715)
23-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by UBS SECURITIES AUSTRALIA LTD – Refer Part A of Annexure D	n/a	Ordinary	(170,270)	(170,270)
25-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by UBS SECURITIES AUSTRALIA LTD – Refer Part A of Annexure D	n/a	Ordinary	(3,236,883)	(3,236,883)
28-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by UBS SECURITIES AUSTRALIA LTD – Refer Part A of Annexure D	n/a	Ordinary	(2,799,612)	(2,799,612)
30-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by UBS SECURITIES AUSTRALIA LTD – Refer Part A of Annexure D	n/a	Ordinary	(2,266,884)	(2,266,884)
15-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	6,060	6,060
15-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	283,425	283,425
01-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	179,584	179,584
15-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	5,891	5,891
17-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by UBS SECURITIES AUSTRALIA LTD – Refer Part A of Annexure D	n/a	Ordinary	(706,000)	(706,000)
17-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	(15,621)	(15,621)
08-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	2,454	2,454
22-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE BARCLAYS GROUP – Refer Part A of Annexure D	n/a	Ordinary	59,324	59,324
28-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE BARCLAYS GROUP – Refer Part A of Annexure D	n/a	Ordinary	3,657	3,657
11-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE UBS GROUP – Refer Part A of Annexure D	n/a	Ordinary	(88,621)	(88,621)
17-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE UBS GROUP – Refer Part A of Annexure D	n/a	Ordinary	(526,638)	(526,638)
21-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE UBS GROUP – Refer Part A of Annexure D	n/a	Ordinary	(859,705)	(859,705)
29-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE UBS GROUP – Refer Part A of Annexure D	n/a	Ordinary	(16,428)	(16,428)
22-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE BARCLAYS GROUP – Refer Part A of Annexure D	n/a	Ordinary	73,127	73,127
28-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE BARCLAYS GROUP – Refer Part A of Annexure D	n/a	Ordinary	(3,657)	(3,657)
16-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	167	167
29-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE STATE STREET GROUP – Refer Part A of Annexure D	n/a	Ordinary	1,332	1,332
30-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE STATE STREET GROUP – Refer Part A of Annexure D	n/a	Ordinary	(71,731)	(71,731)
01-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	(179,584)	(179,584)

08-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	(2,454)	(2,454)
15-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	500,000	500,000
16-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	499,833	499,833
17-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	15,621	15,621
22-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP – Refer Part A of Annexure D	n/a	Ordinary	1,000,000	1,000,000
28-Oct-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE STATE STREET GROUP – Refer Part A of Annexure D	n/a	Ordinary	32,161	32,161
29-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE STATE STREET GROUP – Refer Part A of Annexure D	n/a	Ordinary	132,261	132,261
30-Nov-2022	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE STATE STREET GROUP – Refer Part A of Annexure D	n/a	Ordinary	(19,037)	(19,037)

02 December 2022

Alok Maheshwary
Authorised Signatory

Name	Address
SSGA FUNDS MANAGEMENT, INC.	Channel Center, 1 Iron Street, Boston MA 02210, United States
STATE STREET GLOBAL ADVISORS ASIA LIMITED	68th Floor, Two International Finance Centre, 8 Finance Street, Central, Hong Kong, China
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	78 Sir John Rogerson's Quay, Dublin 2, Ireland
STATE STREET GLOBAL ADVISORS LIMITED	20 Churchill Place, London, England, E14 5HJ, United Kingdom
STATE STREET GLOBAL ADVISORS TRUST COMPANY	1 Iron Street, Boston MA 02210, United States
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Level 15, 420 George Street, Sydney NSW 2000, Australia
STATE STREET GLOBAL ADVISORS, LTD.	1981 McGill College Avenue, Suite 500, Montreal Québec H3A 3A8, Canada
STATE STREET GLOBAL ADVISORS, INC.	1 Iron Street, Boston MA 02210, United States
STATE STREET BANK AND TRUST COMPANY	1 Lincoln Street, Boston MA 02111-2900, United States

02 December 2022

Alok Maheshwary
Authorised Signatory

State Street Bank and Trust Company will, if requested by the company or responsible entity to whom this form must be given under the Corporations Act 2001 (Cth) or if requested by the Australian Securities and Investment Commission (ASIC), provide a copy of the master securities lending agreement/s and security agreement/s referred to below to the company, responsible entity or ASIC.

Part A: For relevant interests arising out of lending securities - State Street Bank and Trust Company acquires relevant interest as lender of the securities under securities lending authorisation agreement, subject to obligation to return under the agreement. (State Street Bank and Trust Company has lent the securities and retains relevant interest as per Part B of this Annexure.)

Type of agreement	Securities Lending Authorisation Agreement/ Global Master Securities Lending Agreement/ Securities Loan Agreement
Parties to agreement	(1) State Street Bank and Trust Company (2) The entity referred to in the relevant part of Annexure B to this notice
Can the parties exercise voting rights attaching to the securities?	(1) No (2) Yes. (Borrower has the right to vote, but may on-lend securities)
If yes, in what circumstances	(1) Only if instructed to by the borrower (2) As determined by the owner of the securities
Transfer date	The dates on which the securities were delivered by State Street Bank and Trust Company as lender are set out in Annexure B to this notice
Scheduled return date	No scheduled return date
Does the borrower have the right to return the securities early?	No scheduled return date. Borrower can return securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Borrower can return securities or equivalent securities at any time subject to giving notice
Does the lender have the right to recall the securities early (ie before the scheduled return date)?	No scheduled return date. Lender can require return of securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Lender can require return of securities or equivalent securities at any time subject to giving notice
Are there any circumstances in which the borrower is not required to return securities or equivalent securities on settlement?	No
If yes, detail any exceptions	n/a

Part B: For relevant interests arising out of lending securities - State Street Bank and Trust Company acquires a relevant interest in securities through taking a security interest ("title transfer") over the securities as collateral to secure a securities loan. (See Part A of this Annexure for securities loan details.)

Type of agreement	Global Master Securities Lending Agreement Securities Lending Authorisation Agreement
Parties to agreement	(1) State Street Bank and Trust Company (2) The entity referred to in the relevant part of Annexure B to this notice
Can the parties exercise voting rights attaching to the securities?	(1) Yes, but only if the borrower defaults and ownership is enforced (2) Yes
If yes, in what circumstances	(1) Only if the borrower defaults and ownership is enforced (2) In accordance with ordinary rights as registered holder, either directly or through nominee holder
Transfer date	The dates on which the securities were transferred, as indicated in Annexure B to this notice
Scheduled return date	No scheduled return date. Securities collateral is returned on termination of related securities loan
Does the borrower have the right to have the securities returned early?	No scheduled return date. Securities collateral is returned on termination of related securities loan or the provision of alternative collateral
If yes, in what circumstances	At any time subject to returning the borrowed securities or equivalent securities or providing alternative collateral
Are there any circumstances in which the lender is not required to return securities collateral on settlement?	No, assuming the borrower returns the borrowed securities or equivalent securities
If yes, detail any exceptions	n/a (lender must return securities collateral if the borrower returns the borrowed securities or equivalent securities)

02 December 2022

Alok Maheshwary
Authorised Signatory

State Street Bank and Trust Company will, if requested by the company or responsible entity to whom this form must be given under the Corporations Act 2001 (Cth) or if requested by the Australian Securities and Investment Commission (ASIC), provide a copy of the master securities lending agreement/s and security agreement/s referred to below to the company, responsible entity or ASIC.

Part A: For relevant interests arising out of lending securities - State Street Bank and Trust Company acquires relevant interest as borrower of the securities under securities lending agreement, subject to obligation to return under the agreement. (State Street Bank and Trust Company has on-lent the securities and retains relevant interest as per Part B of this Annexure.)

Type of agreement	Global Master Securities Lending Agreement/Master Securities Loan Agreement/Securities Loan Agreement
Parties to agreement	(1) STATE STREET BANK AND TRUST COMPANY (2) The entity referred to in the relevant part of Annexure B to this notice
Can the parties exercise voting rights attaching to the securities?	(1) Yes (if the borrower is the registered holder. However the securities are on-lent by the borrower as per Part B of this Annexure) (2) No, not during term of securities loan
If yes, in what circumstances	(1) Only if the borrower is the registered holder. However the securities are on-lent by the borrower as per Part B of this Annexure (2) n/a
Transfer date	The dates on which the securities were delivered to State Street Bank and Trust Company as borrower are set out in Annexure B to this notice
Scheduled return date	No scheduled return date
Does the borrower have the right to return the securities early?	No scheduled return date. Borrower can return securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Borrower can return securities or equivalent securities at any time subject to giving notice
Does the lender have the right to recall the securities early (ie before the scheduled return date)?	No scheduled return date. Lender can require return of securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Lender can require return of securities or equivalent securities at any time subject to giving notice
Are there any circumstances in which the borrower is not required to return securities or equivalent securities on settlement?	No
If yes, detail any exceptions	n/a

Part B: For relevant interests arising out of lending securities - State Street Bank and Trust Company lends the securities under securities lending agreement, and retains relevant interest through the right to recall the securities or equivalent securities.

Type of agreement	Global Master Securities Lending Agreement/Master Securities Loan Agreement
Parties to agreement	(1) STATE STREET BANK AND TRUST COMPANY (2) The entity referred to in the relevant part of Annexure B to this notice
Can the parties exercise voting rights attaching to the securities?	(1) Yes, but only if the lender recalls the loan and exercises its right to become the registered holder (2) Yes (while registered holder)
If yes, in what circumstances	(1) Only if the lender recalls the loan and exercises its right to become the registered holder (2) Borrower may exercise voting rights (while registered holder)
Transfer date	The dates on which the securities were delivered to the borrower are set out in Annexure B to this notice
Scheduled return date	No scheduled return date
Does the borrower have the right to return the securities early?	No scheduled return date. Borrower can return securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Borrower can return securities or equivalent securities at any time subject to giving notice
Does the lender have the right to recall the securities early (ie before the scheduled return date)?	No scheduled return date. Lender can require return of securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Lender can require return of securities or equivalent securities at any time subject to giving notice
Are there any circumstances in which the borrower is not required to return securities or equivalent securities on settlement?	No
If yes, detail any exceptions	n/a

Part C: For relevant interests arising out of lending securities - State Street Bank and Trust Company acquires a relevant interest in securities through taking a security interest ("pledge") over the securities as collateral to secure a securities loan. (See Part B of this Annexure for securities loan details.)

Type of agreement	Global Master Securities Lending Agreement Security Agreement: the pro forma security agreement governing the pledge is attached to this notice
Parties to agreement	(1) STATE STREET BANK AND TRUST COMPANY (2) The entity referred to in the relevant part of Annexure B to this notice
Can the parties exercise voting rights attaching to the securities?	(1) Yes, but only if the borrower defaults and pledge is enforced (2) Yes
If yes, in what circumstances	(1) Only if the borrower defaults and pledge is enforced (2) In accordance with ordinary rights as registered holder, either directly or through nominee holder
Pledge date	The dates on which the securities were pledged, as indicated in Annexure B to this notice
Scheduled release date	No scheduled release date. Securities are released from pledge on termination of related securities loan
Does the borrower have the right to have the securities released early?	No scheduled release date. Securities are released from pledge on termination of related securities loan or the provision of alternative collateral
If yes, in what circumstances	At any time subject to returning the borrowed securities or equivalent securities or providing alternative collateral
Are there any circumstances in which the lender is not required to release the pledged securities on settlement?	No, assuming the borrower returns the borrowed securities or equivalent securities
If yes, detail any exceptions	n/a (lender must release pledged securities if the borrower returns the borrowed securities or equivalent securities)