

Form 604Corporations Act 2001
Section 671B**Notice of change of interests of substantial holder**To Company Name/Scheme **PILBARA MINERALS LIMITED**ACN/ARSN **112 425 788****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

11/10/2023

The previous notice was given to the company on

26/09/2023

The previous notice was dated

22/09/2023**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	235,981,979	7.85%	266,895,796	8.87%

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 **13/10/2023**

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.



13 October 2023

Alok Maheshwary
Authorised Signatory

4. Present relevant interests

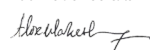
Holder of relevant interest	Nature of Relevant Interest	Registered Holder of securities	Person Entitled to be registered as holder	Class and number of Securities		Person's votes
SSGA FUNDS MANAGEMENT, INC.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Bank of New York Mellon	n/a	Ordinary	13,602	13,602
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	Brown Brothers Harriman and Co	n/a	Ordinary	41,502	41,502
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	Citibank NA	n/a	Ordinary	86,630	86,630
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	4,124,736	4,124,736
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Brown Brothers Harriman and Co	n/a	Ordinary	845,497	845,497
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	n/a	Ordinary	214,095	214,095
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	n/a	Ordinary	2,577,576	2,577,576
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Sumitomo Trust and Banking Co USA	n/a	Ordinary	253,183	253,183
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	30,814	30,814
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	Citibank NA	n/a	Ordinary	55,000	55,000
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	JPMorgan AG	n/a	Ordinary	77,876	77,876
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	Northern Trust Company	n/a	Ordinary	163,009	163,009
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	State Street Bank and Trust Co	n/a	Ordinary	237,587	237,587
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	1,128,446	1,128,446
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	BNP Paribas	n/a	Ordinary	90,966	90,966
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	Caceis Bank Luxembourg	n/a	Ordinary	204,811	204,811
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	Citibank NA	n/a	Ordinary	288,571	288,571
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	106,230	106,230
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	884,895	884,895
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	192,690	192,690
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	Nykredit Bank A.S	n/a	Ordinary	608,575	608,575
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	Societe Generale	n/a	Ordinary	2,469	2,469
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	1,381,879	1,381,879
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	Bank of New York Mellon	n/a	Ordinary	487,769	487,769
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	BNP Paribas	n/a	Ordinary	6,957	6,957
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	Citibank NA	n/a	Ordinary	177,266	177,266
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	275,065	275,065
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	244,869	244,869
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	Pictet and Cie	n/a	Ordinary	53,438	53,438
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	Societe Generale	n/a	Ordinary	140,987	140,987
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	5,423,470	5,423,470
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	UBS AG	n/a	Ordinary	387,127	387,127
STATE STREET GLOBAL ADVISORS SINGAPORE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	n/a	Ordinary	132,827	132,827

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	1,756,746	1,756,746
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	Brown Brothers Harriman and Co	n/a	Ordinary	21,427	21,427
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	485,427	485,427
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	1,095,388	1,095,388
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	28,549,003	28,549,003
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	1,137,653	1,137,653
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	10,985,533	10,985,533
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	26,255,934	26,255,934
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	76,588,335	76,588,335
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	CIBC Mellon	n/a	Ordinary	83,513	83,513
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	185,182	185,182
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	101,470	101,470
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	437,163	437,163
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	1,582,823	1,582,823
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	71,534	71,534
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	118,522	118,522
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	3,527,450	3,527,450
STATE STREET BANK AND TRUST COMPANY	For memo pledge securities: Relevant interest under section 608(8) being the right, as lender, to dispose of shares pledged to secure a securities loan	AQR FUNDS AQR ALTERNATIVE RISK PREMIA FUND	STATE STREET BANK AND TRUST COMPANY	Ordinary	99,774	99,774
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	ALLIANCE BERNSTEIN	ALLIANCE BERNSTEIN	Ordinary	51,748	51,748
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	AMERICAN CENTURY INVESTMENT MANAGEMENT, INC.	AMERICAN CENTURY INVESTMENT MANAGEMENT, INC.	Ordinary	295,314	295,314
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	23,146,578	23,146,578
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	2,106,905	2,106,905
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	CBI AS SUB-TRUSTEE FOR JAPAN POLICE PERSONNEL MUTUAL AID ASSOCIATION	CBI AS SUB-TRUSTEE FOR JAPAN POLICE PERSONNEL MUTUAL AID ASSOCIATION	Ordinary	167,320	167,320
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	CONFIDENTIAL CLIENT ASIA A	CONFIDENTIAL CLIENT ASIA A	Ordinary	13,593,844	13,593,844
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	CONFIDENTIAL CLIENT- C	CONFIDENTIAL CLIENT- C	Ordinary	197,423	197,423
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	CONFIDENTIAL CLIENT KK	CONFIDENTIAL CLIENT KK	Ordinary	435,834	435,834

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	883,422	883,422
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	EURIZON CAPITAL S.A.	EURIZON CAPITAL S.A.	Ordinary	937,010	937,010
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	FEDERAL RETIREMENT THRIFT INVESTMENT BOARD	FEDERAL RETIREMENT THRIFT INVESTMENT BOARD	Ordinary	2,455,187	2,455,187
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	FIDUCIE DESJARDINS	FIDUCIE DESJARDINS	Ordinary	24,282	24,282
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	GAM (LUXEMBOURG) S.A.	GAM (LUXEMBOURG) S.A.	Ordinary	431,200	431,200
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	GAM INVESTMENT MANAGEMENT (SWITZERLAND) AG	GAM INVESTMENT MANAGEMENT (SWITZERLAND) AG	Ordinary	3,235	3,235
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	INTERNATIONAL BUSINESS MACHINES CORPORATION	INTERNATIONAL BUSINESS MACHINES CORPORATION	Ordinary	573,650	573,650
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	JNL SERIES TRUST	JNL SERIES TRUST	Ordinary	43,246	43,246
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	51,374	51,374
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	29,965	29,965
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	643,172	643,172
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	24,321	24,321
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	1,866,087	1,866,087
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	MASS MUTUAL	MASS MUTUAL	Ordinary	96,473	96,473
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	MINNESOTA STATE BOARD OF INVESTMENT	MINNESOTA STATE BOARD OF INVESTMENT	Ordinary	1,239,137	1,239,137
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	NEW JERSEY DIVISION OF INVESTMENT	NEW JERSEY DIVISION OF INVESTMENT	Ordinary	1,557,514	1,557,514
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	ORANGE COUNTY EMPLOYEE RETIREMENT SYSTEM	ORANGE COUNTY EMPLOYEE RETIREMENT SYSTEM	Ordinary	1,177,702	1,177,702
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	PENSION BENEFIT GUARANTY CORPORATION	PENSION BENEFIT GUARANTY CORPORATION	Ordinary	364,702	364,702

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	RAYTHEON TECHNOLOGIES CORPORATION SAVINGS PLAN MASTER	RAYTHEON TECHNOLOGIES CORPORATION SAVINGS PLAN MASTER	Ordinary	729,924	729,924
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	30,411	30,411
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	SPROTT ASSET MANAGEMENT LP	SPROTT ASSET MANAGEMENT LP	Ordinary	273,973	273,973
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	5,417,651	5,417,651
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 FUNDS	SSGA FUNDS	Ordinary	1,019,111	1,019,111
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 ETPS EUROPE II PLC	SSGA SPDR ETPS EUROPE II PLC	Ordinary	129,864	129,864
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	2,289,767	2,289,767
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	2,993,507	2,993,507
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	78,493	78,493
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 LUXEMBOURG SICAV	STATE STREET GLOBAL ADVISORS LUXEMBOURG SICAV	Ordinary	484,226	484,226
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	TEACHER RETIREMENT SYSTEM OF TEXAS	TEACHER RETIREMENT SYSTEM OF TEXAS	Ordinary	693,152	693,152
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 REGENTS OF THE UNIVERSITY OF CALIFORNIA	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	Ordinary	2,139,802	2,139,802
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 WALT DISNEY COMPANY RETIREMENT PLAN MASTER TRUST	THE WALT DISNEY COMPANY RETIREMENT PLAN MASTER TRUST	Ordinary	78,825	78,825
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	TIAA - CREF	TIAA - CREF	Ordinary	6,548,156	6,548,156
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	TRANSAMERICA	TRANSAMERICA	Ordinary	25,457	25,457
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	UBS (IRL) ETF PLC	UBS (IRL) ETF PLC	Ordinary	765,821	765,821
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	UBS (LUX) FUND SOLUTIONS	UBS (LUX) FUND SOLUTIONS	Ordinary	205,814	205,814
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	VALIC	VALIC	Ordinary	380,079	380,079

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	12,410,568	12,410,568
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	1,057,393	1,057,393
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	25,188	25,188
STATE STREET BANK AND TRUST COMPANY	For collateral securities: Relevant interest under section 608(8A) being the right, as lender, to dispose of shares transferred to secure a securities loan	THE BARCLAYS GROUP	THE BARCLAYS GROUP	Ordinary	1,990,684	1,990,684
STATE STREET BANK AND TRUST COMPANY	For collateral securities: Relevant interest under section 608(8A) being the right, as lender, to dispose of shares transferred to secure a securities loan	THE SOCIETE GENERALE GROUP	THE SOCIETE GENERALE GROUP	Ordinary	707,994	707,994



13 October 2023

Alok Maheshwary
Authorised Signatory

3. Changes in relevant interests

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
28-Sep-2023	STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Purchase	4.24	Ordinary	96,617
29-Sep-2023	STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Purchase	4.30	Ordinary	5,966
25-Sep-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	4.16	Ordinary	44,748
27-Sep-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	4.10	Ordinary	1,014
29-Sep-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	4.30	Ordinary	190,675
29-Sep-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	4.30	Ordinary	423,050
29-Sep-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Sale	4.30	Ordinary	(5,304)
02-Oct-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Sale	4.21	Ordinary	(7,813)
03-Oct-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	4.09	Ordinary	3,380
05-Oct-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	3.94	Ordinary	1,008
06-Oct-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	3.91	Ordinary	1,011
06-Oct-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Sale	3.91	Ordinary	(152)
09-Oct-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	3.73	Ordinary	1,352
10-Oct-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	3.95	Ordinary	5,784
10-Oct-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	3.96	Ordinary	5,922
11-Oct-2023	STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Purchase	4.04	Ordinary	4,056
29-Sep-2023	STATE STREET GLOBAL ADVISORS LIMITED	Purchase	4.30	Ordinary	484,683
02-Oct-2023	STATE STREET GLOBAL ADVISORS LIMITED	Sale	4.21	Ordinary	(25,247)
05-Oct-2023	STATE STREET GLOBAL ADVISORS LIMITED	Sale	3.94	Ordinary	(7,042)
11-Oct-2023	STATE STREET GLOBAL ADVISORS LIMITED	Sale	4.04	Ordinary	(38,996)
27-Sep-2023	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	In specie application	n/a	Ordinary	19,545
29-Sep-2023	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Purchase	4.30	Ordinary	108,350
03-Oct-2023	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	In specie application	n/a	Ordinary	37,985
05-Oct-2023	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	In specie application	n/a	Ordinary	6,394
06-Oct-2023	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Purchase	3.91	Ordinary	66,744
10-Oct-2023	STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	In specie redemption	n/a	Ordinary	(415,375)
25-Sep-2023	STATE STREET GLOBAL ADVISORS, INC.	Sale	4.16	Ordinary	(108,629)
26-Sep-2023	STATE STREET GLOBAL ADVISORS, INC.	Sale	4.10	Ordinary	(1,384)
27-Sep-2023	STATE STREET GLOBAL ADVISORS, INC.	Purchase	4.07	Ordinary	13,158
27-Sep-2023	STATE STREET GLOBAL ADVISORS, INC.	Purchase	4.10	Ordinary	99,404
27-Sep-2023	STATE STREET GLOBAL ADVISORS, INC.	Sale	4.10	Ordinary	(421)
29-Sep-2023	STATE STREET GLOBAL ADVISORS, INC.	Purchase	4.30	Ordinary	44,337
29-Sep-2023	STATE STREET GLOBAL ADVISORS, INC.	Purchase	4.36	Ordinary	5,373
29-Sep-2023	STATE STREET GLOBAL ADVISORS, INC.	Sale	4.29	Ordinary	(4,291)
29-Sep-2023	STATE STREET GLOBAL ADVISORS, INC.	Sale	4.30	Ordinary	(372,260)
29-Sep-2023	STATE STREET GLOBAL ADVISORS, INC.	In specie application	n/a	Ordinary	9,120
03-Oct-2023	STATE STREET GLOBAL ADVISORS, INC.	Purchase	4.10	Ordinary	17,986
04-Oct-2023	STATE STREET GLOBAL ADVISORS, INC.	Purchase	4.05	Ordinary	38,374
04-Oct-2023	STATE STREET GLOBAL ADVISORS, INC.	Sale	4.04	Ordinary	(34,537)
04-Oct-2023	STATE STREET GLOBAL ADVISORS, INC.	In specie redemption	n/a	Ordinary	(908)
06-Oct-2023	STATE STREET GLOBAL ADVISORS, INC.	Purchase	3.93	Ordinary	3,976
09-Oct-2023	STATE STREET GLOBAL ADVISORS, INC.	In specie application	n/a	Ordinary	20,976
10-Oct-2023	STATE STREET GLOBAL ADVISORS, INC.	Sale	3.86	Ordinary	(2,827)
11-Oct-2023	STATE STREET GLOBAL ADVISORS, INC.	Sale	4.04	Ordinary	(16,807)
02-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Borrowing securities under a securities loan from STATE STREET AGENCY UST - Refer Part A of Annexure E	n/a	Ordinary	1,177,973
02-Oct-2023	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	603,534
11-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan from State Street Bank and Trust Company - Refer Part A of Annexure E	n/a	Ordinary	(73,000)
02-Oct-2023	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	58,900
11-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Borrowing securities under a securities loan from The Northern Trust Company - Refer Part A of Annexure E	n/a	Ordinary	146,000
02-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to TEACHER RETIREMENT SYSTEM OF TEXAS - Refer Part B of Annexure E	n/a	Ordinary	1,840,407
11-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to TEACHER RETIREMENT SYSTEM OF TEXAS - Refer Part B of Annexure E	n/a	Ordinary	73,000
25-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	85,795
26-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(22,247)
27-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(55,813)
28-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	225,732
29-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(202)
02-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(47,757)
03-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	60,172
04-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	1,223
05-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(1,273)
06-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(304,362)
10-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(18,260)
11-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(130,361)
03-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	549,259
04-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	(78)
05-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	(525,453)
09-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	(11,940)
10-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	77
11-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	(34)
05-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	860
09-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	11,064
10-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	323
11-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	(88)
11-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE BARCLAYS GROUP - Refer Part B of Annexure D	n/a	Ordinary	64,101
05-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	11,545
09-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	8,611
10-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	(234)
11-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	1,926
11-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE BARCLAYS GROUP - Refer Part B of Annexure D	n/a	Ordinary	23,235
05-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	13,502
09-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	3,278
10-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	120
11-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	(81)
25-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	42
26-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(11)
27-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	1,381
28-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	1,295
29-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	3

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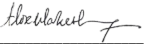
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10-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	(191)	(191)
11-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE SOCIETE GENERALE GROUP - Refer Part B of Annexure D	n/a	Ordinary	(43)	(43)
25-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	1,214	1,214
26-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(354)	(354)
27-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(776)	(776)
28-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	2,822	2,822
29-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	4	4
02-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(625)	(625)
03-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	741	741
04-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(40)	(40)
05-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Transfer of title of securities to secure a securities loan from THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	18	18
06-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(3,962)	(3,962)
10-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(230)	(230)
11-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities provided to secure a securities loan to THE ING GROUP - Refer Part B of Annexure D	n/a	Ordinary	(1,702)	(1,702)
26-Sep-2023	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	(64,431)	(64,431)
27-Sep-2023	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	(44,258)	(44,258)
28-Sep-2023	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	(124,816)	(124,816)
26-Sep-2023	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	285,458	285,458
11-Oct-2023	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	9,856	9,856
03-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE JEFFRIES GROUP - Refer Part A of Annexure D	n/a	Ordinary	(117,553)	(117,553)
27-Sep-2023	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	(15,680)	(15,680)
27-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE BANK OF AMERICA GROUP - Refer Part A of Annexure D	n/a	Ordinary	860,000	860,000
28-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE BANK OF AMERICA GROUP - Refer Part A of Annexure D	n/a	Ordinary	15,000	15,000
05-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE BANK OF AMERICA GROUP - Refer Part A of Annexure D	n/a	Ordinary	358,900	358,900
05-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE CITIGROUP GROUP - Refer Part A of Annexure D	n/a	Ordinary	91,000	91,000
10-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE CITIGROUP GROUP - Refer Part A of Annexure D	n/a	Ordinary	(91,000)	(91,000)
09-Oct-2023	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	1,000,000	1,000,000
10-Oct-2023	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	305,000	305,000
09-Oct-2023	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	194,600	194,600
11-Oct-2023	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	13,390	13,390
26-Sep-2023	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	1,392,784	1,392,784
27-Sep-2023	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	(856,991)	(856,991)
29-Sep-2023	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	686,242	686,242
02-Oct-2023	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	306,000	306,000
03-Oct-2023	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	4,047,000	4,047,000
04-Oct-2023	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	1,812,000	1,812,000
06-Oct-2023	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	1,949,000	1,949,000
09-Oct-2023	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	4,837,000	4,837,000
11-Oct-2023	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	1,650,000	1,650,000
27-Sep-2023	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	(338,619)	(338,619)
28-Sep-2023	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	124,816	124,816
03-Oct-2023	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	(106,583)	(106,583)
10-Oct-2023	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	3,192	3,192
03-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE MORGAN STANLEY GROUP - Refer Part A of Annexure D	n/a	Ordinary	(1,570)	(1,570)
29-Sep-2023	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	27,595	2

[illegible]

10-Oct-2023	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	6,541	6,541
26-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE MORGAN STANLEY GROUP - Refer Part A of Annexure D	n/a	Ordinary	(37,825)	(37,825)
29-Sep-2023	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	37,825	37,825
06-Oct-2023	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	5,362,808	5,362,808
10-Oct-2023	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	(76,786)	(76,786)
06-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE J.P. MORGAN CHASE GROUP - Refer Part A of Annexure D	n/a	Ordinary	(104,565)	(104,565)
10-Oct-2023	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	3,005	3,005
26-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE JEFFRIES GROUP - Refer Part A of Annexure D	n/a	Ordinary	(151,491)	(151,491)
03-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE JEFFRIES GROUP - Refer Part A of Annexure D	n/a	Ordinary	(45,754)	(45,754)
10-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE MORGAN STANLEY GROUP - Refer Part A of Annexure D	n/a	Ordinary	(33,319)	(33,319)
29-Sep-2023	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	7,481	7,481
10-Oct-2023	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	21,115	21,115
26-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE JEFFRIES GROUP - Refer Part A of Annexure D	n/a	Ordinary	(774,533)	(774,533)
10-Oct-2023	STATE STREET BANK AND TRUST COMPANY	Lending securities under a securities loan to THE MORGAN STANLEY GROUP - Refer Part A of Annexure D	n/a	Ordinary	33,417	33,417
29-Sep-2023	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	754,011	754,011
26-Sep-2023	STATE STREET BANK AND TRUST COMPANY	Return of securities under a securities loan by THE JEFFRIES GROUP - Refer Part A of Annexure D	n/a	Ordinary	(11,484)	(11,484)


 13 October 2023
 Alok Maheshwary
 Authorised Signatory

6. Addresses

Name	Address
SSGA FUNDS MANAGEMENT, INC.	Channel Center, 1 Iron Street, Boston MA 02210, United States
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Toranomon Hills Mori Tower 25F, 1-23-1 Toranomon, Minato-ku, Tokyo, 105-6325, Japan
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 SINGAPORE LIMITED	168 Robinson Road #33-01 Capital Tower, Singapore, 068912, Singapore
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	One Congress Street, Suite 1, Boston MA 02114, United States



13 October 2023

Alok Maheshwary
Authorised Signatory

3. Changes in relevant interests

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)



13 October 2023

Alok Maheshwary
Authorised Signatory

3. Changes in relevant interests

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)