### **Form 604**

#### Corporations Act 2001 Section 671B

### Notice of change of interests of substantial holder

To Company Name/Scheme	APPEN LTD		
ACN/ARSN/ <b>ABN</b>	60 138 878 298		
1. Details of substantial holder	(1)		
Name	JPMorgan Chase & Co. and its aff	JPMorgan Chase & Co. and its affiliates	
ACN/ARSN (if applicable)	NA		
There was a change in the interests of the substantial holder on		21/07/2023	
The previous notice was given to the company on		27/06/2023	

#### 2. Previous and present voting power

The previous notice was dated

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:

23/06/2023

Class of securities (4)	Previous notice		Present notice		
	Person's votes	Voting power (5)	Person's votes	Voting power (5)	
Ordinary	9,504,804	6.07%	12,578,129	7.96%	

### 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
See Appendix	JPMORGAN CHASE BANK,N.A	Securities on Loan as Agent Lender	See Appendix	399,804 (Ordinary)	399,804 (Ordinary)
See Appendix	J.P. MORGAN SECURITIES PLC	Holder of securities subject to an obligation to return under a securities lending agreement	See Appendix	520,063 (Ordinary)	520,063 (Ordinary)
See Appendix	J.P. MORGAN SECURITIES LLC	Holder of securities subject to an obligation to return under a securities lending agreement	See Appendix	1,000,000 (Ordinary)	1,000,000 (Ordinary)
See Appendix	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Holder of securities subject to an obligation to return under a securities lending agreement	See Appendix	1,200,000 (Ordinary)	1,200,000 (Ordinary)
See Appendix	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Purchase and sales of securities in its capacity as Principal/Proprietary	See Appendix	46,542 (Ordinary)	46,542 (Ordinary)

#### 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
JPMORGAN CHASE BANK,N.A	JPM Nominees Australia Pty Limited	Various Borrowers under the Securities Lending Agreement	Securities on Loan as Agent Lender	1,245,091 (Ordinary)	1,245,091 (Ordinary)
J.P. MORGAN SECURITIES PLC	JPM Nominees Australia Pty Limited	JPM Nominees Australia Pty Limited	Holder of securities subject to an obligation to return under a securities lending agreement	4,660,519 (Ordinary)	4,660,519 (Ordinary)
J.P. MORGAN SECURITIES PLC	JPM Nominees Australia Pty Limited	J.P. MORGAN SECURITIES PLC	Purchase and sales of securities in its capacity as Principal/Proprietary	293 (Ordinary)	293 (Ordinary)
J.P. MORGAN SECURITIES LLC	Citi Australia	Citi Australia	Holder of securities subject to an obligation to return under a securities lending agreement	3,160,000 (Ordinary)	3,160,000 (Ordinary)
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Ecapital Nominees Pty Ltd	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Purchase and sales of securities in its capacity as Principal/Proprietary	2,170,407 (Ordinary)	2,170,407 (Ordinary)
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Ecapital Nominees Pty Ltd	Ecapital Nominees Pty Ltd	Holder of securities subject to an obligation to return under a securities lending agreement	1,341,819 (Ordinary)	1,341,819 (Ordinary)

### 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
J.P. MORGAN SECURITIES PLC	Subsidiary of JPMorgan Chase & Co.
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Subsidiary of JPMorgan Chase & Co.
J.P. MORGAN SECURITIES LLC	Subsidiary of JPMorgan Chase & Co.
JPMORGAN CHASE BANK, N.A.	Subsidiary of JPMorgan Chase & Co.

#### 6. Addresses

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

Name	Address
JPMorgan Chase & Co.	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN SECURITIES PLC	25 Bank Street, Canary Wharf, London, E14 5JP, England
J.P. MORGAN SECURITIES AUSTRALIA LIMITED	LEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NSW 2000, Australia
JPMORGAN CHASE BANK, N.A.	1111 Polaris Parkway, Columbus, Delaware, OH, 43240, United States
J.P. MORGAN SECURITIES LLC	383 Madison Ave., New York, New York, NY, 10179, United States

### **Signature**

print name	Vasim Pathan	capacity	Compliance Officer
sign here	Uplha	date	25/07/2023

#### **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.

	TRADES FOR RELEVANT PERIOD						Appendix
1997   1997		Entity	Product Type	Type of Transaction		Price (AUD)	Consideration
Sept. 20	26-Jun-23				12		
Dec	26-Jun-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	674	2.32	\$ 1,560.31
Sept.   Sept	26-Jun-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	12,446	2.41	\$ 29,975.49
Section   19   Section (Continue) and Section (Continue)   10   10   10   10   10   10   10   1					5,753		
The beat   19. Person were street for the control of the control					33,131		
Section	26-Jun-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,000)		\$ 2,354.07
Color   Colo	26-Jun-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow Return	(1,145)	-	\$ -
Column   C						2.34	\$ - \$ 1,170.00
Product   19   A Product Content of Product   19   19   19   19   19   19   19   1	27-Jun-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(12)	2.28	\$ 27.36
17-0-02	27-Jun-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(8,885)	2.33	\$ 20,682.52
23-bit   15							
20   20   20   20   20   20   20   20		J.P. MORGAN SECURITIES AUSTRALIA LIMITED  1.P. MORGAN SECURITIES AUSTRALIA LIMITED			(9,000) (8,000)	2.32	
27-20-23	27-Jun-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow Return	(17,000)	-	\$ -
27-30-22   PROMORE CARE MAN   Sub-		JPMORGAN CHASE BANK, N.A					
2-3-0-23							
32 3-0-23  1.5. Yorking MacARTHER ASPERDAG APPEND 3.4 0-25  2.5 3-	27-Jun-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow	204,000		\$ -
23 - 24   27   19   19   19   19   19   19   19   1						2.36	\$ 18,382.04
3-30-12   1-10							
3 to 3 t	28-Jun-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,261	2.38	\$ 7,767.73
School   J. P. PRICKER SCRUPTIS AND THE ALL PRICES   Section   S							\$ 6,268.99
3-3-0-21   PRINCIPLE ACTIVISAL DISTRICT   3-3-0-22   PRINCIPLE ACTIVISAL DISTRICT   3-3-0-23   PRINCIPLE ACTIVISATE DISTRICT   3-3-						2.38	
2-2-2-21   PRODUCTION CONTROL AND STATE OF THE PARTY   PRODUCTIO	28-Jun-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(56)		\$ 133.23
23-ba-21		JPMORGAN CHASE BANK, N.A			(6,500)	-	
25-ba-21	28-Jun-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow	842	-	
25-bm-3	28-Jun-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow Return	(204,000)		\$ -
2-9-in 3							\$ 22,953.45
12-bm-2    1.9   MEGRAS SOCIETIC ASTRALA HANTED   2-bm-2    3.1   MEGRAS SOCIETIC ASTRALA HANTED   3-bm-2    3.1   MEGRAS SOCIETIC ASTRALA HANTED   3-bm-2    3.1   MEGRAS SOCIETIC ASTRALA HANTED   3-bm-2    3.2   MEGRAS SOCIETIC ASTRALA HANTED   3-bm-2    3.2   MEGRAS SOCIETIC ASTRALA HANTED   3-bm-2    3.3   MEGRAS SOCIETIC ASTRALA HANTED   3-bm-2    3.1   MEGRAS SOCIETIC ASTRALA HANTED   3-bm-2						2.40	
29-June 20   39   MORRAN SCRUPTER ANTHRAL BUTTON   Early   Service   Servi	29-Jun-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	199	2.38	\$ 473.40
29-3a-22				Sell		2.40	
23-bin-23						2.36	
30-ban-22	29-Jun-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow Return	(27,042)		\$ -
30-ha-22   J.P. PROGRA SCIENTIS ASTROLAL INTERIOR   Sandry   Buy   J.		J.P. MORGAN SECURITIES AUSTRALIA LIMITED				2.39	\$ 3,510.69
30-3a-23   3.5 MORGAN SCIENTIS ASTRIALA MITTED   50-07   50   5   1.5						2.39	
30-ba-23	30-Jun-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	6,615	2.40	\$ 15,847.69
03-b2-23   J.P. NORGAN SCRUTTES ASTRUALA LIMITED   South   Self   1,277   2.38   \$ 2.0							
03-30-23   J.P., PROGNA SECRITICS ASTRULAL MITTED   South					(1,000) 1 257		
G-3-M-23   J.P. PRICKON SCRITTES ASTROMAL MUTTED   Enable   Board   S. 699   2.39   \$ 13.	03-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(770)	2.39	\$ 1,840.30
D3-Ju-23   J.P. MRGGAM SECURITIES ASTROMAL INSTITED   Enably   Boy   596   2.39   \$ 2.7							
03-36-22   3.1.P. MORGAN SCRATTES ASTROMAL BUTTED   Equity   Brown Refam   (5,88)   2.8   5.							
OH-Ju-22   J.P. MORGAN SECRETTES ANSTHULA LIMITED   Equity   Sell   (1,257) 2.81 \$ 1.75	03-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,000		\$ 7,185.00
O+Ju-23   J.P. MORGAM SECRETTES ANSTRUAL LIMITED   Equity   Sell (1,257)   2,38   \$ 2,2						2.38	
OF-Ju-22   J.P. MORGAN SCRUTTES AISTRALA LIMITED   Enuity   Borrow Return   9,673   2,40   \$   22,							
OF-Jul-22   PMORGAN CHISE BANK, N.A   Equity   Bornow Return   (3430)   - 5	04-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	9,307	2.40	\$ 22,339.09
G5-Ju-22   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell   (16,705)   2-40   \$ 4.0.						2.41	
65-Ju-23	04-Jul-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow Return	(3,589)	2.40	\$ - \$ 40,092.00
05-30-23   1.P. MORCAN SECURITIES AISTRALA IMITED   Equity   Sell   (138)   2.40   \$	05-Jul-23	J.P. MORGAN SECURITIES PLC	Equity	Borrow Return	(24,937)	-	\$ -
05-11-23   J.P. MORGAM SECURITIES AUSTRALA LIMITED   Equity   Buy   2.690   2.46   \$ 2.45   \$ 6.5							\$ 20,840.09 \$ 331.20
05-bit-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Buv   2,699   2,46   \$ 6, 6   5   5   5   5   5   5   5   5   5							
05-Jul-22	05-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	2,609	2.46	\$ 6,418.93
05-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell   (2,996)   2-44   \$ 7.							
06-Jul-23   JPMORGAN CHASE BANK, NA	05-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,996)	2.44	\$ 7,309.92
1.5   1.5	05-Jul-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow Return	(46,666)	-	\$ -
06-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (9,648)   2.45   \$ 2.3   \$ 6.   (06-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (9,648)   2.45   \$ 2.3   \$ 5.   (06-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Buy   6,640   2.38   \$ 1.5   (06-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (8,000)   2.29   \$ 1.9   (06-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (8,000)   2.29   \$ 7.3   (06-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (30,766)   2.29   \$ 7.3   (06-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (7,000)   2.39   \$ 1.6   (07-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (50,21)   2.35   \$ 1.3   (07-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (50,21)   2.35   \$ 1.3   (07-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (67,21)   2.27   \$ 1.1   (17-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (7,000)   2.29   \$ 1.5   (17-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Buy   4.15   2.27   \$ 1.1   (17-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Buy   5.739   2.27   \$ 1.3   (17-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   EQUITY   Sell   (43,000)   2.28   \$ 1.5   (17-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (43,000)   2.28   \$ 1.5   (17-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (43,000)   2.28   \$ 1.5   (17-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (43,000)   2.28   \$ 1.5   (17-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (43,000)   2.28   \$ 1.5   (17-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (43,000)   2.28   \$ 1.5   (17-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (43,000)   2.28   \$ 1.5   (17-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY							
06-Jul-23   J.P. MORGAN SCURITTES AUSTRALIA LIMITED   EQUITY   Buy   6.640   2.38   \$ 1.5	06-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,814)	2.37	\$ 6,675.48
06-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   EQUITY   Sell   (30,766)   2.39   \$ 19,	06-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	2,156	2.38	\$ 5,127.65
06-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (30,766)   2.39   \$ 73,   06-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (7,000)   2.35   \$ 16,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (5,621)   2.35   \$ 13,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (6,521)   2.27   \$ 1,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Buv   503   2.27   \$ 1,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Buv   415   2.27   \$ 1,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Buv   5,739   2.27   \$ 13,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (7,7000)   2.28   \$ 15,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (43,000)   2.28   \$ 15,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (43,000)   2.28   \$ 15,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (43,000)   2.28   \$ 15,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (43,000)   2.28   \$ 11,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (5,000)   2.28   \$ 11,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (5,000)   2.28   \$ 11,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Borrow   9,000   5   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Borrow   9,000   5   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Borrow   9,000   2.25   \$ 1,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Borrow   9,000   5   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Buv   4,000   2.25   \$ 9,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Buv   4,000   2.25   \$ 9,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (6,000)   2.25   \$ 20,   07-Jul-23   J.P. MORGAN SECURITIES AUSTRALA LIMITED   Equity   Sell   (6,000)   2.25   \$ 20,   07-Jul							
07-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell   (5/2)   2.25   \$ 1.3	06-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(30,766)	2.39	\$ 73,410.88
07-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   503   2.27   \$ 1.	07-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,621)	2.35	\$ 13,209.35
07-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   5,739   2,27   \$   13,							
07-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell (7,000)   2.28   \$ 15, 07-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell (7,000)   2.28   \$ 97, 07-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell (7,000)   2.28   \$ 11, 07-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Borrow   9,000   - \$ 10, 07-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Borrow   9,000   - \$ 10, 07-Jul-23   J.P., MORGAN CHASE BANK, N.A   Equity   Borrow   9,000   - \$ 10, 07-Jul-23   J.P., MORGAN CHASE BANK, N.A   Equity   Borrow   949,688   - \$ 10, 07-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell (7, 000)   2.25   \$ 1, 10-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   4,080   2.25   \$ 9, 10-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell (1, 000)   2.25   \$ 2, 10-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell (1, 000)   2.25   \$ 2, 2, 10-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell (1, 000)   2.25   \$ 2, 2, 10-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell (1, 000)   2.25   \$ 2, 2, 10-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell (2, 000)   2.26   \$ 4, 10-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell (2, 000)   2.26   \$ 4, 10-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell (2, 000)   2.26   \$ 4, 11-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   39,499   2.28   \$ 89, 11-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   39,499   2.28   \$ 89, 11-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   39,499   2.28   \$ 89, 11-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   39,499   2.28   \$ 89, 11-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   39,499   2.28   \$ 89, 11-Jul-23   J.P., MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   640   2.26   \$ 11, 11-Jul-23   J.P., MORGAN SECUR	07-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	415	2.27	\$ 940.26
07-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell   (5,000)   2.28   \$ 11.	07-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(7,000)	2.28	\$ 15,945.33
07-Jul-23   JPMORGAN CHASE BANK, N.A   Equity   Borrow   9,000   - \$							
07-Jul-23   JPMORGAN CHASE BANK, N.A   Equity   Borrow   949,688   - \$	07-Jul-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow	9,000	-	\$ -
10-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   4,080   2,25   \$ 9, 9, 10-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell   (1,000)   2,25   \$ 2, 10-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell   (1,000)   2,25   \$ 2, 2, 10-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell   (2,000)   2,26   \$ 4, 10-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell   (2,000)   2,26   \$ 4, 10-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Borrow   85,000   - \$ 5   5	07-Jul-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow	949,688		\$ -
10-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   1,562   2.25   \$ 3, 10-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell   (1,000)   2.25   \$ 2, 2		J.P. MORGAN SECURITIES AUSTRALIA LIMITED					
10-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell   (9,000)   2.25   \$ 20,	10-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,562	2.25	\$ 3,516.31
10-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Sell (2,000)   2.26   \$ 4.	10-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(9,000)	2.25	\$ 20,281.37
11-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   39,499   2.28   \$ 89,						2.26	
11-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   2,559   2.27   \$ 5,5	11-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	39,499		\$ 89,980.03
11-Jul-23   J.P. MORGAN SECURITIES AUSTRALIA LIMITED   Equity   Buy   640   2.26   \$ 1,	11-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	2,559	2.27	\$ 5,796.19
11-Jul-23         J.P. MORGAN SECURITIES AUSTRALIA LIMITED         Equity         Sell         (76,155)         2.27         \$ 173,           11-Jul-23         J.P. MORGAN SECURITIES AUSTRALIA LIMITED         Equity         Sell         (5,000)         2.27         \$ 111,	11-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	640	2.26	\$ 1,448.31
	11-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(76,155)	2.27	\$ 173,048.76
11-301-23 J.P. MORGAN SCRUTTIES AUSTRALIA LIMITED EQUIV BUTW REUTI (05,000) - 5 12-301-23 J.P. MORGAN SCRUTTIES AUSTRALIA LIMITED EQUIV BUY 1.1550 2.31 \$ 3.	11-Jul-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow Return	(85,000)	-	\$ 11,330.10 \$ - \$ 3,580,50

RADES FOR RELEVANT PERIOD						Appendix
12-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,500)	2.29	\$ 5,725.0
12-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,844	2.31	\$ 4,266.
12-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,866	2.32	\$ 4,330.
12-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	35,530	2.29	\$ 81,465.
12-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(550)	2.29	\$ 1,259.
12-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,000)	2.30	\$ 9,203.
12-Jul-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow	330,500		\$ -
13-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	1,439	2.27	\$ 3,266.
13-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	4,658	2.33	\$ 10,859.
13-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,620)	2.27	\$ 15,007.
13-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	2	2.35	\$ 4.0
13-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,000)	2.29	\$ 4,587.5
13-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED		Sell	(5,715)	2.29	\$ 13,098.
13-Jul-23 14-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED  J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity Equity	Buy	9,226	2.38	\$ 21,951.0
14-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,865)	2.35	\$ 9,071.3
14-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(32,714)	2.36	\$ 77,205.0
14-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(371)	2.32	\$ 860.7
14-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,000)	2.36	\$ 2,360.8
14-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(5,000)	2.36	\$ 11,823.3
14-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,000)	2.37	\$ 2,365.2
14-Jul-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow Return	(26,500)	-	\$ -
17-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	972	2.27	\$ 2,209.3
17-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	17,209	2.34	\$ 40,313.5
17-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(17,209)	2.34	\$ 40,269.0
17-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,000)	2.31	\$ 6,917.5
17-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(11,000)	2.30	\$ 25,350.0
17-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	12,500	2.31	\$ 28,846.7
17-Jul-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow Return	(50,312)	2.31	\$ -
17-Jul-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow	859	-	\$ -
17-Jul-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow	49,453	-	
18-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(972)	2.27	\$ 2,206.4
18-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,468	2.30	\$ 7,969.3
18-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,468)	2.27	\$ 7,872.3
18-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	6,342	2.27	\$ 14,406.3
18-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,260)	2.28	\$ 5,160.4
18-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	391	2.28	\$ 891.0
18-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	4,000	2.28	\$ 9,118.
18-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	15,430	2.28	\$ 35,183.4
18-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buv	4,000	2.28	\$ 9,118.
18-Jul-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow Return	(93,000)		\$ -
19-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	31,966	2.35	\$ 75,274,0
19-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(2,121)	2.29	\$ 4,857.0
19-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	14,420	2.35	\$ 33,853.4
19-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED  J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	335	2.34	\$ 33,033.
19-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(3,000)	2.33	\$ 6,999.3
19-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(6,112)	2.34	\$ 14,328.3
19-Jul-23	JPMORGAN CHASE BANK, N.A	Equity	Borrow Return	(220,000)	-	\$ -
20-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(4,224)	2.34	\$ 9,882.
20-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	908	2.32	\$ 2,107.0
20-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	6,000	2.34	\$ 14,067.
20-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	22,000	2.34	\$ 51,533.
20-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	4,000	2.34	\$ 9,374.
21-Jul-23	J.P. MORGAN SECURITIES LLC	Equity	Borrow	1,000,000	-	\$ -
21-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(1,807)	2.23	\$ 4,034.
21-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(19,615)	2.29	\$ 44,918.
21-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Sell	(19,378)	2.24	\$ 43,335.
21-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	10	2.25	\$ 22.
21-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Buy	3,000	2.24	\$ 6,730.
21-Jul-23 21-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED  J.P. MORGAN SECURITIES AUSTRALIA LIMITED		Buy	10,741	2.24	\$ 6,730.
		Equity			2.24	
21-Jul-23	J.P. MORGAN SECURITIES PLC	Equity	Borrow	250,000	-	\$ -
21-Jul-23	J.P. MORGAN SECURITIES PLC	Equity	Borrow	200,000	-	\$ -
21-Jul-23	J.P. MORGAN SECURITIES PLC	Equity	Borrow	95,000	-	\$ -
21-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Borrow	200,000	-	\$ -
21-Jul-23	J.P. MORGAN SECURITIES AUSTRALIA LIMITED	Equity	Borrow	1,000,000	-	\$ -
alance at End of relevant period				12,578,129		

Date:	25-Jul-2023
Company's name:	APPEN LTD
ISIN:	AU000000APX3
Date of change of relevant interests:	21-Jul-2023
Schedule	
Type of agreement	Overseas Securities Lending Agreement ("OSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Barclays Capital Securities Limited ("Borrower")
Transfer date	Settlement date 24-Jan-23 10-May-23
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4(B)(vi) of the standard form OSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

shareholding notice	
Date:	25-Jul-2023
Company's name:	APPEN LTD
ISIN:	AU000000APX3
Date of change of relevant interests:	21-Jul-2023
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Citigroup Global Markets Limited (Borrower)
	Settlement Date 21-Apr-23 24-Apr-23 26-May-23
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 6.6 of the standard form GMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
_	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

snareholding notice	
Date:	25-Jul-2023
Company's name:	APPEN LTD
ISIN:	AU000000APX3
Date of change of relevant interests:	21-Jul-2023
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Goldman Sachs International (Borrower)
Transfer date	<u>Settlement Date</u> 16-Dec-22
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 6.6 of the standard form GMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

	filed with ASX.
Date:	25-Jul-2023
Company's name:	APPEN LTD
ISIN:	AU000000APX3
Date of change	
of relevant	21-Jul-2023
interests:	
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and Merrill Lynch International(Borrower)
agreement	
Transfer date	Settlement Date         26-May-23         29-May-23         11-Jul-23         17-Jul-23
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 6.6 of the standard form GMSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the ender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Date:	25-Jul-2023	
Company's name:	APPEN LTD	
ISIN:	AU000000APX3	
Date of change of relevant interests:	21-Jul-2023	
Schedule		
Type of agreement	Australian Master Securities Lending Agreement ("AMSLA")	
Parties to agreement	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") and UBS Securities Australia Ltd (Borrower)	
Transfer date	Settlement Date 27-Jun-2023	
Holder of voting rights	Borrower	
Are there any restriction on voting rights	Yes	
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4.3 of the standard form AMSLA.	
Scheduled return date (if any)	None	
Does the borrower have the right to return early?	Yes	
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.	
Does the lender have the right to recall early?	Yes	
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.	
Will the securities be returned on settlement?	Yes	
If yes, detail any exceptions	No exceptions	
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.	

Date:	25-Jul-2023
Company's name:	APPEN LTD
ISIN:	AU000000APX3
Date of change of	21-Jul-2023
relevant interests: Schedule	
Schedule	Trackity this wall Assessment Assessment
Type of agreement	Institutional Account Agreement
Parties to agreement	JP Morgan Securities LLC for itself and as agent and trustee for the other J.P. Morgan Entities and GOLDMAN SACHS BANK USA ( AGENCY LENDING AS AGENT), State Street Bank and Trust Co (As Agent), BROWN BROTHERS HARRIMAN & CO(AS AGENT) (herein referred to as "JPMS"). " J.P. Morgan Entities" means, as the context may require or permit, any and all of JPMSL, JPMorgan Chase Bank, N.A., J.P. Morgan Securities LLC., J.P. Morgan Markets Limited, J.P. Morgan Securities Australia Limited, J.P. Morgan Securities (Asia Pacific) Limited, J.P. Morgan Securities Japan Co., Ltd and J.P. Morgan Prime Nominees Limited and any additional entity notified to the Company from time to time.
Transfer date	<u>Settlement date:</u> 6-Apr-23 22-Jun-23 21-Jul-23
Holder of voting rights	JPMS is the holder of the voting rights from the time at which it exercises its right to borrow.  Notwithstanding this, please note that the Company has the right to recall equivalent securities if it wishes to exercise its voting rights in respect of the securities.
Are there any restriction on voting rights	Yes
If yes, detail	JPMS will not be able to exercise voting rights in circumstances where the Company has recalled equivalent securities from JPMS before the voting rights have been exercised. In these circumstances, JPMS must return the securities to the Company and the Company holds the voting rights.
Scheduled return date (if any)	N/A. There is no term to the loan of securities.
Does the borrower have the right to return early?	Yes.
If yes, detail	JPMS has the right to return all and any securities or equivalent securities early at any time.
Does the lender have the right to recall early?	Yes.
If yes, detail	The Company has the right to recall all or any equivalent securities on demand.
Will the securities be returned on settlement?	
If yes, detail any	
exceptions	
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Date:	25-Jul-2023		
Company's name:	APPEN LTD		
ISIN:	AU000000APX3		
Date of change of relevant interests:	21-Jul-2023		
Schedule			
Type of agreement	Overseas Securities Lender's Agreement ("OSLA")		
Parties to	The Bank of New York Mellon Corporation (formerly known as The Bank of New York) (acting		
agreement	as agent) ("lender"), J.P. Morgan Securities Plc ("borrower")		
Transfer date	<b>Settlement date</b> 12-Apr-23 26-May-23 25-Jul-23		
Holder of voting rights	Borrower		
Are there any restriction on voting rights	Yes		
	The borrower undertakes to use its best endeavours to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavours to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4(B)(ii) of the standard form OSLA.		
Scheduled return date (if any)	None		
Does the borrower have the right to return early?	Yes		
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.		
Does the lender have the right to recall early?	Yes		
, ,	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on		

	the exchange. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Date:	25-Jul-2023		
Company's name:	APPEN LTD		
ISIN:	AU000000APX3		
	A0000000APX3		
Date of change of relevant interests:	21-Jul-2023		
Schedule			
Type of agreement	Overseas Securities Lender's Agreement ("OSLA")		
Parties to agreement	J.P. Morgan Securities Plc ("borrower") and Citibank N.A. acting as Agent ("lender")		
Transfer date	Settlement Date 12-Apr-23 30-May-23 13-Jun-23		
Holder of voting rights	Borrower		
Are there any restriction on voting rights	Yes		
If yes, detail	The borrower undertakes to use its best endeavours to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavours to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4(B)(vi) of the standard form OSLA.		
Scheduled return date (if any)	None		
Does the borrower have the right to return early?	Yes		
If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.		
Does the lender have the right to recall early?	Yes		

If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

25-Jul-2023	
APPEN LTD	
AU000000APX3	
21-Jul-2023	
Overseas Securities Lending Agreement ("OSLA")	
CREDIT SUISSE (SWITZERLAND) LTD (formerly Credit Suisse (Schweiz) AG) ('lender'), J.P. MORGAN SECURITIES PLC ('borrower)	
Settlement Date	
24-May-23	
Party holding the securities has voting rights for those securities	
Yes	
Each party undertakes that where it holds securities of the same description as any securities borrowed by it or transferred to it by way of collateral at the time when a right to vote arises in respect of such securities, it will use its best endeavours to arrange for the voting rights attached to such securities to be exercised in accordance with the instructions of the lender or borrower (as the case may be) provided always that each party shall use its best endeavours to notify the other of its instructions in writing no later than seven business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties, and that the party concerned shall not be obliged so to exercise the votes in respect of securities greater than the number so lent or transferred to it. For the avoidance of doubt, the parties agree that subject as hereinbefore provided any voting rights attaching to the relevant securities, equivalent securities, collateral and/or equivalent collateral shall be exercisable by the persons in whose name they are registered or where in bearer form, the persons by or on behalf of whom they are held, and not necessarily the borrower or lender (as the case may be).	
None	
Yes	
Subject to the terms of the relevant borrowing request, the borrower shall be entitled at any time to terminate a particular loan of securities and to redeliver all and any equivalent securities due and outstanding to the lender in accordance with the lender's instructions.	
Yes	
Subject to the set-off and event of default provisions, the lender may call for the redelivery of all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange through which the relevant borrowed securities were originally delivered.	

Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	Absent default, there are no exceptions.
	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Date	25 1.1 2022	
Date:	25-Jul-2023	
Company's name:	APPEN LTD	
ISIN:	AU000000APX3	
Date of change of relevant interests:	21-Jul-2023	
Schedule		
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")	
Parties to	J.P. Morgan Securities plc ("borrower") and State St Bank and Trust Company as	
agreement	agent ("lender")	
Transfer date	Settlement date 30-Mar-23 12-Apr-23 20-Apr-23 10-May-23 11-May-23 12-May-23 29-May-23	
Holder of voting rights	Borrower	
Are there any restriction on voting rights	Yes	
If yes, detail	The borrower shall have no obligation to arrange for voting rights to be exercised in accordance with the instructions of the other party, unless otherwise agreed between the parties.	
Scheduled return date (if any)	None	
Does the borrower have the right to return early?	Yes	
If yes, detail	Borrower has the right to terminate a loan and redeliver all and any equivalent securities due and outstanding to the lender in accordance with lender's instructions and lender shall accept such redelivery.	

Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Date:	25-Jul-2023
Company's name:	APPEN LTD
ISIN:	AU000000APX3
Date of change of relevant interests:	21-Jul-2023
Schedule	
Type of agreement	Overseas Securities Lender's Agreement ("OSLA")
Parties to	JPMorgan Chase Bank, N.A. (acting as agent) ("lender") J.P. Morgan Securities plc
agreement	("borrower")
Transfer date	<u>Settlement date</u> 28-Mar-23 26-May-23 25-Jul-23
Holder of voting rights	Borrower
Are there any	
restriction on	Yes
voting rights	
If yes, detail	The borrower undertakes to use its best endeavors to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavors to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4(B)(vi) of the standard form OSLA.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes

If yes, detail	Borrower has right to return all and any equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered (and where there is a difference between the settlement time for sales and purchases on the relevant exchange or clearing organisation, the standard settlement time shall be the shorter of the two times). The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Date	25 3/1 2022
Date: Company's name:	25-Jul-2023 APPEN LTD
ISIN:	AU000000APX3
Date of change of relevant interests:	21-Jul-2023
Schedule	
Type of agreement	Master Overseas Securities Borrowing Agreement
Parties to agreement	J.P. Morgan Securities Plc ("borrower") and The Northern Trust Company as agent ("lender")
Transfer date	Settlement Date 25-Jul-23
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavours to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavours to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is in clause 4(B)(vi) of the agreement.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has the right to terminate a loan and redeliver all and any equivalent securities due and outstanding to the lender in accordance with lender's instructions and lender shall accept such redelivery.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities at any time by giving notice on any business day of not less than the standard settlement time for such equivalent securities on the exchange or in the clearing organisation through which the relevant borrowed securities were originally delivered. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be	
returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.

Shareholding notice med w	
Date:	25-Jul-2023
Company's name:	APPEN LTD
ISIN:	AU000000APX3
Date of change of relevant interests:	21-Jul-2023
Schedule	
Type of agreement	Australian Master Securities Lending Agreement ("AMSLA")
Parties to agreement	Citibank N.A. as agent ("lender"), J.P. Morgan Securities Australia Limited ("borrower")
Transfer date	Settlement Date         12-Apr-23         16-May-23         30-May-23         25-Jul-23
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower undertakes to use its best endeavours to arrange for the voting rights to be exercised in accordance with the instructions of the lender, provided that the lender uses its best endeavours to notify the borrower of its instructions in writing no later than 7 business days prior to the date upon which such votes are exercisable or as otherwise agreed between the parties. This undertaking is set out in clause 4.3 of the standard form AMSLA
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has right to return all and any securities or equivalent securities early at any time in accordance with the lender's instructions.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities on any business day by giving such notice as agreed by the parties. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions
Statement	If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.
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Date:	25-Jul-2023
Company's name:	APPEN LTD
ISIN:	AU000000APX3
Date of change of relevant interests:	21-Jul-2023
Schedule	
Type of agreement	Global Master Securities Lending Agreement ("GMSLA")
Parties to agreement	State Street Bank and Trust Company ("lender") and J.P. Morgan Securities Australia Limited ("borrower")
Transfer date	Settlement Date 25-Jul-23
Holder of voting rights	Borrower
Are there any restriction on voting rights	Yes
If yes, detail	The borrower shall have no obligation to arrange for voting rights to be exercised in accordance with the instructions of the other party, unless otherwise agreed between the parties.
Scheduled return date (if any)	None
Does the borrower have the right to return early?	Yes
If yes, detail	Borrower has the right to terminate a loan and redeliver all and any equivalent securities due and outstanding to the lender in accordance with lender's instructions and lender shall accept such redelivery.
Does the lender have the right to recall early?	Yes
If yes, detail	Lender has right to recall all or any equivalent securities on any business day by giving such notice as agreed by the parties. The borrower must return the securities not later than the expiry of such notice in accordance with the lender's instructions.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions	No exceptions

If requested by the company to whom the prescribed form must be given, or if requested by ASIC, a copy of the agreement will be given to that company or ASIC.