# Disclosure of beginning to have substantial holding

Section 276, Financial Markets Conduct Act 2013

To NZX LIMITED and

To Z Energy Limited.

Date this disclosure made: 01-Feb-2018
Date on which substantial holding began: 31-Jan-2018

Substantial product holder(s) giving disclosure

Full name(s):

Commonwealth Bank of Australia

Summary of substantial holding

Class of quoted voting products:

Ordinary shares

Summary for

Commonwealth Bank of Australia

For this disclosure,—

(a) total number held in class:20,154,186(b) total in class:400,000,000(c) total percentage held in class:5.039%

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#### Details of relevant interests

#### Details for ASB Group Investments Limited Company Number 533945

#### (a) Nature of relevant interest(s):

Relevant interest arising from having the power to control the exercise of the right to vote attached to securities and/or to control the exercise of the power to dispose of securities in its capacity as investment manager, as provided for under its investment mandates, as a life company holding statutory funds and as the responsible entity or manager of a managed investment scheme.

(b) number held in class: 1,093,755

(c) percentage held in class: 0.273%

Custodian Name	Custodian Total Holding	Custodian Total Holding(%)
Citibank N A Hong Kong	769,727	0.192%
Citicorp Nominees Pty Limited (Australia)	324,028	0.081%

## Details for Colonial First State Asset Management (Australia) Limited ACN 114 194 311

#### (a) Nature of relevant interest(s):

Relevant interest arising from having the power to control the exercise of the right to vote attached to securities and/or to control the exercise of the power to dispose of securities in its capacity as investment manager (as provided for under its investment mandates).

(b) number held in class: 9,562,871

(c) percentage held in class: 2.391%

Custodian Name	Custodian Total Holding	Custodian Total Holding(%)
Citibank N A Hong Kong	7,561,061	1.890%
Citicorp Nominees Pty Limited (Australia)	1,266,769	0.317%
Citicorp Nominees Pty Limited (New Zealand)	735,041	0.184%

#### Details for Colonial First State Investments Limited ACN 002 348 352

### (a) Nature of relevant interest(s):

Relevant interest arising from having the power to control the exercise of the right to vote attached to securities and/or to control the exercise of the power to dispose of securities in its capacity as a responsible entity of a managed investment scheme (which managed investment scheme is not managed by Colonial First State Investments Limited or a related body corporate).

(b) number held in class: 6,963,336

(c) percentage held in class: 1.741%

Custodian Name	Custodian Total Holding	Custodian Total Holding(%)
Citibank N A Hong Kong	1,127,477	0.282%
Citicorp Nominees Pty Limited (Australia)	5,835,859	1.459%

# Details for Realindex Investments Pty Limited ACN 133 312 017

### (a) Nature of relevant interest(s):

Relevant interest arising from having the power to control the exercise of the right to vote attached to securities and/or to control the exercise of the power to dispose of securities in its capacity as investment manager (as provided for under its investment mandates).

(b) number held in class: 2,534,224

(c) percentage held in class: 0.634%

Custodian Name	Custodian Total Holding	Custodian Total Holding(%)
Citibank N A Hong Kong	1,968,840	0.492%
HSBC Bank Australia Limited	319,870	0.080%
National Bank Nominees Pty Limited	102,788	0.026%
National Custodian Services	142,726	0.036%

**Grand Total** 5.039% 20,154,186

#### Details of transactions and events giving rise to substantial holding

Details of transactions or other events requiring disclosure:

#### See Appendix A

## Additional information

Address(es) of substantial product holder(s):

- \* ASB Group Investments Limited Company Number 533945, Level 2, ASB North Wharf, 12 Jellicoe Street, Auckland, 1010, New Zealand
- \* Colonial First State Asset Management (Australia) Limited ACN 114 194 311, Ground Floor Tower 1, 201 Sussex Street, Sydney, NSW, 2000, Australia
- \* Colonial First State Investments Limited ACN 002 348 352, Ground Floor Tower 1, 201 Sussex Street, Sydney, NSW, 2000, Australia
- \* Realindex Investments Pty Limited ACN 133 312 017, Ground Floor Tower 1, 201 Sussex Street, Sydney, NSW, 2000, Australia \* Commonwealth Bank of Australia, Ground Floor Tower 1, 201 Sussex Street, Sydney, NSW, 2000, Australia

Contact details: Anitha Subramanian, +61 (0) 457 529 297, AUSR\_SM02041@cba.com.au

\*Nature of connection between substantial product holders: Col ASB Group Investments Limited Company Number 533945 Colonial First State Asset Management (Australia) Limited ACN 114 194 311 Commonwealth Bank of Australia is a related body corporate of Colonial First State Investments Limited ACN 002 348 352 Realindex Investments Pty Limited ACN 133 312 017

Name of any other person believed to have given, or believed to be required to give, a disclosure under the Financial Markets Conduct Act 2013 in relation to the financial products to which this disclosure relates: [not applicable]

Certification
I, Clare McManus, certify that, to the best of my knowledge and belief, the information contained in this disclosure is correct and that I am duly authorised to make this disclosure by all persons for whom it is made.

# Appendix A

Details of the transactions or other events requiring disclosure:

Date of Transaction	Registered Company	Nature of Change	Class	Number of Securities	Cash Consideration	Currency
		Borrow Decrease, Barclays Capital Securities Ltd, See				
Monday, 2 October 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
Monday, 2 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See	Ordinary shares	152,045	N/A	NZD
Tuesday, 3 October 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
Wednesday, 4 October 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	6,458	46,691.34	NZD
Thursday, 5 October 2017	National Bank Nominees Pty Limited	Purchase	Ordinary shares	595	3,920.57	AUD
Thursday, 5 October 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	14,881	98,053.89	AUD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,		,,		
Thursday, 5 October 2017	Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
Thursday, 5 October 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	268	1,765.91	AUD
Friday, 6 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
i naay, o colobol 2011	T ty Ellinted	Borrow Decrease, Barclays	Ordinary shares	102,040	1071	IVED
Friday 6 October 2017	Share Direct Nominees	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Friday, 6 October 2017	Pty Limited Citibank N A Hong Kong		Ordinary shares	152,045	N/A	NZU
Friday, 6 October 2017	Citicorp Nominees Pty	Purchase	Ordinary shares	3,964	28,620.08	NZD
Friday, 6 October 2017	Limited (New Zealand)	Purchase	Ordinary shares	2,092	15,104.24	NZD
Monday, 9 October 2017	Citibank N A Hong Kong	Sale	Ordinary shares	47,667	343,903.10	NZD
	Share Direct Nominees	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Monday, 9 October 2017	Pty Limited	Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
Monday, 9 October 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Monday, 9 October 2017	Northern Trust Company	Sale	Ordinary shares	13,193	95,159.79	NZD
Tuesday, 10 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See	Ordinary shares	152,045	N/A	NZD
Tuesday, 10 October 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
-	Citibank N A Hong Kong	0-1-			648,102.26	NZD
Tuesday, 10 October 2017	Citicorp Nominees Pty	Sale	Ordinary shares	92,421	648,102.26	NZD
Wednesday, 11 October 2017	Limited (New Zealand)	Purchase Borrow Decrease, Barclays	Ordinary shares	1,467	10,430.37	NZD
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Wednesday, 11 October 2017	Pty Limited	Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
Wednesday, 11 October 2017	Share Direct Nominees	Capital Securities Ltd,	Ordinary shares	152,045	N/A	NZD
vveunesuay, 11 Octobel 2017	Pty Limited	See Appendix B Borrow Increase, Barclays	Ciuliary States	132,043	IN/A	INCL
Thursday, 12 October 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
	Chara Direct M	Borrow Decrease, Barclays Capital Securities Ltd, See				
Thursday, 12 October 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
Thursday, 12 October 2017	Citicorp Nominees Pty Limited (New Zealand)	Purchase	Ordinary shares	1,438	10,396.74	NZD
Friday, 13 October 2017	Citibank N A Hong Kong	Purchase Borrow Decrease, Barclays	Ordinary shares	8,371	55,657.10	AUD
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Friday, 13 October 2017	Pty Limited	Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
Friday 13 October 2017	Share Direct Nominees	Capital Securities Ltd,	Ordinary charge	152 045	NI/A	NZD
Friday, 13 October 2017	Pty Limited	See Appendix B Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
Monday, 16 October 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
Monday, 16 October 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD

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		Borrow Decrease, Barclays Capital Securities Ltd, See				
T 1 17 0 1 1 2017	Share Direct Nominees	Appendix B		450.045		
Tuesday, 17 October 2017	Pty Limited	Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
Tuesday 17 October 2017	Share Direct Nominees	Capital Securities Ltd,	Ordinary shares	152.045	N/A	NZD
Tuesday, 17 October 2017	Pty Limited Citicorp Nominees Pty	See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 17 October 2017	Limited (New Zealand)	Purchase	Ordinary shares	1,436	10,296.12	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Wednesday, 18 October 2017	Pty Limited	See Appendix B Borrow Decrease, Barclays	Ordinary shares	152,045	N/A	NZD
		Capital Securities Ltd, See				
Wednesday, 18 October 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
,		Borrow Decrease, Barclays	, , , , , , , , , , , , , , , , , , , ,			
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Thursday, 19 October 2017	Pty Limited		Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Thursday, 19 October 2017	Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Friday, 20 October 2017	Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
Friday, 20 October 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
	. ty Emiliou	Borrow Decrease, Barclays	a.i.a.y silaioo	.02,0.0		
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Monday, 23 October 2017	Pty Limited		Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Monday, 23 October 2017	Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Tuesday, 24 October 2017	Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
Tuesday 24 Ostober 2017	Share Direct Nominees	Appendix B	Ordinaryaharaa	152,045	N/A	NZD
Tuesday, 24 October 2017	Pty Limited Citibank N A Hong Kong		Ordinary shares	132,043	IN/A	NZD
Tuesday, 24 October 2017	National Bank Nominees	Sale	Ordinary shares	1,321	8,379.37	AUD
Tuesday, 24 October 2017	Pty Limited	Purchase	Ordinary shares	10,505	66,304.41	AUD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
	Share Direct Nominees	Appendix B				
Wednesday, 25 October 2017	Pty Limited	Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Capital Securities Ltd,				
Wednesday, 25 October 2017	Pty Limited	See Appendix B Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
Thursday, 26 October 2017	Share Direct Nominees	Capital Securities Ltd,	Ordinaryaharaa	452.045	NI/A	NZD
Thursday, 26 October 2017	Pty Limited	See Appendix B Borrow Decrease, Barclays	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Thursday, 26 October 2017	Pty Limited	Аррепиіх в	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
	Share Direct Nominees	Appendix B				
Friday, 27 October 2017	Pty Limited	Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Capital Securities Ltd,				
Friday, 27 October 2017	Pty Limited Citicorp Nominees Pty	See Appendix B	Ordinary shares	21,203	N/A	NZD
Friday, 27 October 2017	Limited (New Zealand)	Sale	Ordinary shares	8,003	57,621.60	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Monday, 30 October 2017	Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
Monday 30 October 2017	Share Direct Nominees	Appendix B	Ordinary charge	21 202	N/A	NZD
Monday, 30 October 2017	Pty Limited	Borrow Decrease, Barclays	Ordinary shares	21,203	N/A	NZD
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Tuesday, 31 October 2017	Pty Limited		Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Tuesday, 31 October 2017	Pty Limited	See Appendix B	Ordinary shares	15,900	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Tuesday, 31 October 2017	Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 31 October 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	12,553	92,515.61	NZD
	Citibank N A Hong Kong		,			
Wednesday, 1 November 2017	Citibank N A Hong Kong	Sale	Ordinary shares	5,032	36,431.68	NZD
Wednesday, 1 November 2017		Sale	Ordinary shares	46,823	307,725.44	AUD
Wednesday, 1 November 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	46,823	307,725.44	AUD
sanooday, i Novembel 2017	1	. storidoo	Jordinary States	.0,020	1001,120.77	1.100

Madagaday 4 Nayambar 2017	Citibank N A Hong Kong	Colo	Ordinaryaharaa	22.077	450 444 04	ALID
Wednesday, 1 November 2017		Sale Borrow Decrease, Barclays	Ordinary shares	22,977	150,444.21	AUD
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Wednesday, 1 November 2017	Pty Limited		Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Wednesday, 1 November 2017	Pty Limited	See Appendix B Borrow Increase, Barclays	Ordinary shares	2,900	N/A	NZD
W	Share Direct Nominees	Capital Securities Ltd,	0.5	450.045		1170
Wednesday, 1 November 2017	Pty Limited	See Appendix B Borrow Decrease, Barclays	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Capital Securities Ltd, See				
Wednesday, 1 November 2017	Pty Limited	Appendix B	Ordinary shares	15,900	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
Thursday 2 Navember 2017	Share Direct Nominees	Appendix B	Ordinantaharas	452.045	NI/A	NZD
Thursday, 2 November 2017	Pty Limited	Borrow Decrease, Barclays	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Thursday, 2 November 2017	Pty Limited		Ordinary shares	2,900	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Thursday, 2 November 2017	Pty Limited	See Appendix B	Ordinary shares	2,900	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Thursday, 2 November 2017	Pty Limited	See Appendix B Borrow Decrease, Barclays	Ordinary shares	152,045	N/A	NZD
		Capital Securities Ltd, See				
Friday, 3 November 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
<u></u>	Share Direct Nominees	Borrow Increase, Barclays				
Friday, 3 November 2017	Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	2,900	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Friday, 3 November 2017	Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
Friday 3 November 2017	Share Direct Nominees	Appendix B	Ordinary shares	2,900	N/A	NZD
Friday, 3 November 2017	Pty Limited	Borrow Decrease, Barclays	Ordinary shares	2,900	IN/A	NZD
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Monday, 6 November 2017	Pty Limited		Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
Monday, 6 November 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	2,900	N/A	NZD
Worlday, 6 November 2017		Borrow Increase, Barclays	Granary Granes	2,000	1971	NED
Monday, 6 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	2,900	N/A	NZD
	Chara Direct Naminese	Borrow Increase, Barclays				
Monday, 6 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
T	Share Direct Nominees	Appendix B	0.5	450.045		NZD
Tuesday, 7 November 2017	Pty Limited	Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
Tuesday, 7 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	2,900	N/A	NZD
ruesday, r November 2017		Borrow Increase, Barclays	Ordinary shares	2,300	IVA	NZD
Tuesday, 7 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
<del></del>		Borrow Decrease, Barclays	,			
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Tuesday, 7 November 2017	Pty Limited	Borrow Decrease, Barclays	Ordinary shares	2,900	N/A	NZD
		Capital Securities Ltd, See				
Wednesday, 8 November 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
	Share Direct Nominees	Appendix B	0.5	0.555		
Wednesday, 8 November 2017	Pty Limited	Borrow Increase, Barclays	Ordinary shares	2,900	N/A	NZD
Wadnasday & Nayambar 2047	Share Direct Nominees	Capital Securities Ltd,	Ordinary charge	2 000	NI/A	NZD
Wednesday, 8 November 2017	Pty Limited	See Appendix B Borrow Increase, Barclays	Ordinary shares	2,900	N/A	NZD
Wednesday, 8 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
		ppolitin D				
	Citibank N A Hong Kong		- · ·			
Wednesday, 8 November 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	4,179	30,088.80	NZD
	Citibank N A Hong Kong Citibank N A Hong Kong	Purchase Sale	Ordinary shares Ordinary shares	30,525	30,088.80 219,474.75	NZD NZD
Wednesday, 8 November 2017	Citibank N A Hong Kong					
Wednesday, 8 November 2017 Thursday, 9 November 2017	Citibank N A Hong Kong  Citibank N A Hong Kong  Citicorp Nominees Pty	Sale Sale Borrow Decrease, Barclays	Ordinary shares	30,525	219,474.75	NZD
Wednesday, 8 November 2017 Thursday, 9 November 2017	Citibank N A Hong Kong  Citibank N A Hong Kong  Citicorp Nominees Pty	Sale	Ordinary shares	30,525	219,474.75	NZD

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		Borrow Increase, Barclays				
Thursday, 9 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	2,900	N/A	NZD
Theready, a Haramber 2011		Borrow Increase, Barclays	oramary onarco	2,000	1071	
Thursday, 9 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
	Share Direct Nominees	Appendix B				
Thursday, 9 November 2017	Pty Limited	Borrow Decrease, Barclays	Ordinary shares	2,900	N/A	NZD
	Oh Diss of Novelle	Capital Securities Ltd, See				
Friday, 10 November 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
E	Share Direct Nominees	Appendix B				NZD
Friday, 10 November 2017	Pty Limited	Borrow Increase, Barclays	Ordinary shares	2,900	N/A	NZD
Friday, 10 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	2,900	N/A	NZD
r nady, re recomber 2017		Borrow Increase, Barclays	oramary oraco	2,000	1071	
Friday, 10 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Friday, 10 November 2017	Citibank N A Hong Kong	Sale	Ordinary shares	3,793	24,464.85	AUD
Tilday, 10 November 2017	Northern Trust Company		Ordinary snares			
Friday, 10 November 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	3,793	24,464.85	AUD
Friday, 10 November 2017		Purchase	Ordinary shares	4,813	34,412.95	NZD
Friday, 10 November 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	138,198	988,115.70	NZD
Friday, 10 November 2017	Citibank N A Hong Kong	Sale	Ordinary shares	61,802	441,884.30	NZD
Friday, 10 November 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	12,376	79,948.96	AUD
	Citicorp Nominees Pty					
Monday, 13 November 2017	Limited (Australia) Citibank N A Hong Kong	Purchase	Ordinary shares	19,548	126,420.83	AUD
Monday, 13 November 2017	Citicorp Nominees Pty	Sale	Ordinary shares	91,458	653,988.72	NZD
Monday, 13 November 2017	Limited (Australia)	Sale Borrow Decrease, Barclays	Ordinary shares	208,542	1,491,221.28	NZD
		Capital Securities Ltd, See				
Monday, 13 November 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Monday, 13 November 2017	Pty Limited	See Appendix B	Ordinary shares	2,900	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Monday, 13 November 2017	Pty Limited	See Appendix B Borrow Decrease, Barclays	Ordinary shares	152,045	N/A	NZD
		Capital Securities Ltd, See				
Monday, 13 November 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	2,900	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
Tura day AA Nayarah as 0047	Share Direct Nominees	Appendix B	Outinement	450.045	N/A	NZD
Tuesday, 14 November 2017	Pty Limited	Borrow Decrease, Barclays	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Tuesday, 14 November 2017	Pty Limited		Ordinary shares	2,900	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Tuesday, 14 November 2017	Pty Limited Citicorp Nominees Pty	See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 14 November 2017	Limited (Australia)	Purchase	Ordinary shares	44,792	301,898.08	AUD
Tuesday, 14 November 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	2,503	16,769.60	AUD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Wednesday, 15 November 2017	Pty Limited	See Appendix B Borrow Decrease, Barclays	Ordinary shares	152,045	N/A	NZD
	Q. 5	Capital Securities Ltd, See				
Wednesday, 15 November 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
Wednesday, 15 November 2017	Northern Trust Company	Sale	Ordinary shares	534	3,662.92	AUD
	Northern Trust Company					
Thursday, 16 November 2017		Sale Borrow Decrease, Barclays	Ordinary shares	3,259	22,498.51	AUD
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Thursday, 16 November 2017	Pty Limited		Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Thursday, 16 November 2017	Pty Limited	See Appendix B Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
Friday, 17 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
say, resolubol 2011	. ty Emiliou	Borrow Decrease, Barclays	2.amary sharoo	. 52,0.0		
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Friday, 17 November 2017	Pty Limited		Ordinary shares	152,045	N/A	NZD

	Citizan Naminasa Phy					
Friday, 17 November 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	47,698	330,723.62	AUD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
	Share Direct Nominees	Appendix B				
Monday, 20 November 2017	Pty Limited	Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Capital Securities Ltd,				
Monday, 20 November 2017	Pty Limited	See Appendix B Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees	Capital Securities Ltd,				
Tuesday, 21 November 2017	Pty Limited	See Appendix B Borrow Decrease, Barclays	Ordinary shares	152,045	N/A	NZD
		Capital Securities Ltd, See				
Tuesday, 21 November 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
•	Citibank N A Hong Kong					
Tuesday, 21 November 2017	Citicorp Nominees Pty	Purchase	Ordinary shares	13,006	92,014.85	AUD
Tuesday, 21 November 2017	Limited (Australia)	Purchase	Ordinary shares	3,837	27,012.48	AUD
Tuesday, 21 November 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	4,960	38,571.94	NZD
	Citibank N A Hong Kong					
Wednesday, 22 November 2017	Citicorp Nominees Pty	Sale	Ordinary shares	16,701	130,434.81	NZD
Wednesday, 22 November 2017	Limited (Australia)	Purchase	Ordinary shares	15,177	107,029.72	AUD
Wednesday, 22 November 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	2,168	15,143.48	AUD
,		Borrow Decrease, Barclays	,	,		
	Share Direct Nominees	Capital Securities Ltd, See Appendix B				
Wednesday, 22 November 2017	Pty Limited		Ordinary shares	152,045	N/A	NZD
Thursday, 23 November 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	5,420	37,788.24	AUD
Thursday 22 Nevember 2017	National Custodian	Durchase	Ordinaryaharaa	270 550	2.045.500.70	ALID
Thursday, 23 November 2017	Services Citicorp Nominees Pty	Purchase	Ordinary shares	279,556	2,015,598.76	AUD
Monday, 27 November 2017	Limited (Australia) Citicorp Nominees Pty	Purchase	Ordinary shares	2,324	16,027.69	AUD
Tuesday, 28 November 2017	Limited (Australia)	Purchase	Ordinary shares	10,493	73,030.23	AUD
Wednesday, 29 November 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	34,689	243,402.31	AUD
	Citibank N A Hong Kong					
Wednesday, 29 November 2017		Sale Borrow Increase, Goldman	Ordinary shares	41,194	316,534.70	NZD
	Share Direct Nominees	Sachs International, See				
Wednesday, 29 November 2017	Pty Limited	Appendix B Borrow Increase, Goldman	Ordinary shares	37,901	N/A	NZD
Thursday 00 Newsonker 0047	Share Direct Nominees	Sachs International, See	Outroush	07.004	N/A	NZD
Thursday, 30 November 2017	Pty Limited	Appendix B Borrow Decrease, Goldman	Ordinary shares	37,901	N/A	NZD
	Chara Direct Naminess	Sachs International, See				
Thursday, 30 November 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	37,901	N/A	NZD
Thursday, 30 November 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	180,008	1,398,914.17	NZD
	Citibank N A Hong Kong		·			
Thursday, 30 November 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	15,726	122,442.64	NZD
Friday, 1 December 2017	, ,	Sale	Ordinary shares	24,944	190,322.72	NZD
Friday, 1 December 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	4,336	30,152.11	AUD
-	Citicorp Nominees Pty					
Friday, 1 December 2017	Limited (Australia) Citibank N A Hong Kong	Purchase	Ordinary shares	13,876	96,477.05	AUD
Friday, 1 December 2017	3 - 9	Sale	Ordinary shares	34,975	269,307.50	NZD
		Borrow Decrease, Goldman Sachs International, See				
Friday, 1 December 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	37,901	N/A	NZD
	,	Borrow Increase, Goldman	Dramary orianoo	2.,001		
Friday, 1 December 2017	Share Direct Nominees Pty Limited	Sachs International, See Appendix B	Ordinary shares	37,901	N/A	NZD
	, ty Emitted	Borrow Decrease, Goldman	- January Sharoo	2.,001		
	Share Direct Nominees	Sachs International, See Appendix B				
Monday, 4 December 2017	Pty Limited	, , , , , , , ,	Ordinary shares	37,901	N/A	NZD
Wednesday, 6 December 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	5,716	39,059.14	AUD
	Citicorp Nominees Pty					
Thursday, 7 December 2017	Limited (Australia) Citicorp Nominees Pty	Purchase	Ordinary shares	1,658	11,415.33	AUD
Thursday, 7 December 2017	Limited (New Zealand)	Purchase	Ordinary shares	1,522	11,597.64	NZD
Friday, 8 December 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	7,052	54,924.50	NZD
	Citicorp Nominees Pty		·			
Friday, 8 December 2017	Limited (Australia) Citicorp Nominees Pty	Purchase	Ordinary shares	5,259	37,225.83	AUD
Monday, 11 December 2017	Limited (Australia)	Sale	Ordinary shares	7,455	54,421.50	AUD
Monday, 11 December 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	6,859	49,984.28	AUD
Monday 11 December 2017	Citicorp Nominees Pty	Purchase	Ordinary shares	122 457	803 036 10	AUD
Monday, 11 December 2017	Limited (Australia) Citicorp Nominees Pty	Purchase	Ordinary shares	122,457	893,936.10	
Monday, 11 December 2017	Limited (Australia)	Sale	Ordinary shares	27,220	198,706.00	AUD

		Dament Calderer				
Monday, 11 December 2017	Share Direct Nominees Pty Limited	Borrow Increase, Goldman Sachs International, See Appendix B Borrow Decrease, Goldman	Ordinary shares	91,351	N/A	NZD
Tuesday, 12 December 2017	Share Direct Nominees Pty Limited	Sachs International, See Appendix B	Ordinary shares	91,351	N/A	NZD
Tuesday, 12 December 2017	Citibank N A Hong Kong		Ordinary snares	91,001	N/A	NED
Tuesday, 12 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	5,763	41,877.99	AUD
Tuesday, 12 December 2017		Sale	Ordinary shares	210,372	1,528,710.21	AUD
Tuesday, 12 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	246,327	1,789,984.41	AUD
Tuesday, 12 December 2017	National Bank Nominees Pty Limited	Sale	Ordinary shares	16,373	118,977.68	AUD
Tuesday, 12 December 2017	National Custodian Services	Sale	Ordinary shares	70,587	512,934.55	AUD
•	Citibank N A Hong Kong		Ordinary snares			
Wednesday, 13 December 2017	Citicorp Nominees Pty	Purchase	Ordinary shares	7,877	61,440.60	NZD
Wednesday, 13 December 2017	Limited (New Zealand) Citicorp Nominees Pty	Sale	Ordinary shares	7,877	61,440.60	NZD
Thursday, 14 December 2017	Limited (New Zealand)	Purchase	Ordinary shares	811	6,447.45	NZD
Thursday, 14 December 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	7,052	56,063.40	NZD
•	Share Direct Nominees	Borrow Increase, Goldman Sachs International, See				
Thursday, 14 December 2017	Pty Limited	Appendix B	Ordinary shares	91,351	N/A	NZD
		Borrow Decrease, Goldman Sachs International, See				
Fidew 45 December 0047	Share Direct Nominees	Appendix B	Outlinement	04.054	N1/A	NZD
Friday, 15 December 2017	Pty Limited Citibank N A Hong Kong		Ordinary shares	91,351	N/A	NZD
Friday, 15 December 2017	Citioara Naminaca Btv	Purchase	Ordinary shares	132,999	1,061,026.12	NZD
Friday, 15 December 2017	Citicorp Nominees Pty Limited (New Zealand)	Purchase	Ordinary shares	15,740	125,569.00	NZD
Friday, 15 December 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	20,000	144,040.00	AUD
,	, ,	Borrow Increase, Goldman	, , , , , , , , , , , , , , , , , , , ,		,	
Monday, 18 December 2017	Share Direct Nominees Pty Limited	Sachs International, See Appendix B	Ordinary shares	91,351	N/A	NZD
		Borrow Decrease, Goldman Sachs International, See				
	Share Direct Nominees	Appendix B				
Tuesday, 19 December 2017	Pty Limited HSBC Bank Australia		Ordinary shares	91,351	N/A	NZD
Tuesday, 19 December 2017	Limited	Purchase	Ordinary shares	215,704	1,561,696.96	AUD
Tuesday, 19 December 2017	HSBC Bank Australia Limited	Purchase	Ordinary shares	106,295	769,575.80	AUD
Wednesday, 20 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	20,558	145,466.35	AUD
	Citibank N A Hong Kong				· ·	
Wednesday, 20 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	7,770	55,048.12	AUD
Wednesday, 20 December 2017	National Custodian	Sale	Ordinary shares	12,328	95,542.00	NZD
Wednesday, 20 December 2017	Services	Sale	Ordinary shares	2,230	15,798.88	AUD
Thursday, 21 December 2017	Citicorp Nominees Pty Limited (New Zealand)	Sale	Ordinary shares	20,666	160,161.50	NZD
	National Custodian Services				120 105 92	
Thursday, 21 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	19,179	136,195.83	AUD
Thursday, 21 December 2017		Sale Borrow Increase, Goldman	Ordinary shares	66,816	474,480.46	AUD
	Share Direct Nominees	Sachs International, See				
Thursday, 21 December 2017	Pty Limited	Appendix B Borrow Decrease, Goldman	Ordinary shares	71,351	N/A	NZD
	Share Direct Nominees	Sachs International, See Appendix B				
Friday, 22 December 2017	Pty Limited		Ordinary shares	71,351	N/A	NZD
	Share Direct Nominees	Borrow Increase, Goldman Sachs International, See				
Wednesday, 27 December 2017	Pty Limited	Appendix B	Ordinary shares	63,099	N/A	NZD
Wednesday, 27 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	56,822	434,722.39	NZD
		Borrow Decrease, Goldman Sachs International, See				
TI 1 00 5	Share Direct Nominees	Appendix B	0.5	00.000		1170
Thursday, 28 December 2017	Pty Limited	Borrow Increase, Goldman	Ordinary shares	63,099	N/A	NZD
Thursday, 28 December 2017	Share Direct Nominees	Sachs International, See Appendix B	Ordinary shares	63,098	N/A	NZD
marsuay, 20 December 2017	Pty Limited	Borrow Decrease, Goldman	ordinary strates	00,000	ING	1420
	Share Direct Nominees	Sachs International, See Appendix B				
Friday, 29 December 2017	Pty Limited	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Ordinary shares	63,098	N/A	NZD
Friday, 29 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	9,504	72,685.64	NZD
Tuesday, 2 January 2018	Citibank N A Hong Kong	Purchase	Ordinary shares	8,633	60,517.33	AUD
	Citibank N A Hong Kong					
Tuesday, 2 January 2018	National Bank Nominees	Sale	Ordinary shares	9,352	65,557.52	AUD
Tuesday, 2 January 2018	Pty Limited	Purchase	Ordinary shares	719	5,040.19	AUD

		Porrow Ingrance Paralova				
	Share Direct Nominees	Borrow Increase, Barclays Capital Securities Ltd,				
Tuesday, 2 January 2018	Pty Limited	See Appendix B	Ordinary shares	38,222	N/A	NZD
	Share Direct Nominees	Borrow Increase, Goldman Sachs International, See				
Tuesday, 2 January 2018	Pty Limited	Appendix B	Ordinary shares	63,098	N/A	NZD
		Borrow Decrease, Goldman Sachs International, See				
	Share Direct Nominees	Appendix B				
Wednesday, 3 January 2018	Pty Limited		Ordinary shares	63,098	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See				
	Share Direct Nominees	Appendix B				
Wednesday, 3 January 2018	Pty Limited	D 1 011	Ordinary shares	38,222	N/A	NZD
	Share Direct Nominees	Borrow Increase, Goldman Sachs International, See				
Friday, 5 January 2018	Pty Limited	Appendix B	Ordinary shares	49,598	N/A	NZD
Friday 5 January 2040	Citibank N A Hong Kong	0-1-	0-4	0.000	00 400 05	NZD
Friday, 5 January 2018		Sale Borrow Decrease, Goldman	Ordinary shares	8,963	69,463.25	NZD
		Sachs International, See				
Monday 9 January 2019	Share Direct Nominees	Appendix B	Ordinary charge	49,598	N/A	NZD
Monday, 8 January 2018	Pty Limited	Borrow Increase, Goldman	Ordinary shares	49,598	IN/A	NZD
	Share Direct Nominees	Sachs International, See				
Tuesday, 9 January 2018	Pty Limited	Appendix B	Ordinary shares	44,598	N/A	NZD
	Share Direct Nominees	Borrow Increase, Goldman Sachs International, See				
Wednesday, 10 January 2018	Pty Limited	Appendix B	Ordinary shares	29,598	N/A	NZD
		Borrow Decrease, Goldman				
	Share Direct Nominees	Sachs International, See Appendix B				
Wednesday, 10 January 2018	Pty Limited	17.	Ordinary shares	44,598	N/A	NZD
Wednesday 10 January 2019	National Custodian	Sale	Ordinary shares	14,065	98,754.58	AUD
Wednesday, 10 January 2018	Services Citibank N A Hong Kong	Sale	Ordinary shares	14,005	96,754.56	AOD
Wednesday, 10 January 2018		Sale	Ordinary shares	56,259	395,011.32	AUD
	Chara Direct Naminasa	Borrow Increase, Goldman				
Thursday, 11 January 2018	Share Direct Nominees Pty Limited	Sachs International, See Appendix B	Ordinary shares	29,598	N/A	NZD
,		Borrow Decrease, Goldman	,	,		
	Share Direct Nominees	Sachs International, See Appendix B				
Thursday, 11 January 2018	Pty Limited	Аррения В	Ordinary shares	29,598	N/A	NZD
		Borrow Decrease, Goldman				
	Share Direct Nominees	Sachs International, See Appendix B				
Friday, 12 January 2018	Pty Limited	7 ppondix B	Ordinary shares	29,598	N/A	NZD
	0. 5:	Borrow Increase, Goldman				
Monday, 15 January 2018	Share Direct Nominees Pty Limited	Sachs International, See Appendix B	Ordinary shares	17,598	N/A	NZD
, ,	Citibank N A Hong Kong		,	,		
Monday, 15 January 2018	National Custodian	Sale	Ordinary shares	97,902	685,030.08	AUD
Monday, 15 January 2018	National Custodian Services	Sale	Ordinary shares	30,769	215,293.77	AUD
		Borrow Decrease, Goldman				
	Share Direct Nominees	Sachs International, See Appendix B				
Tuesday, 16 January 2018	Pty Limited		Ordinary shares	17,598	N/A	NZD
	Ohama Dia akka	Borrow Increase, Goldman				
Tuesday, 16 January 2018	Share Direct Nominees Pty Limited	Sachs International, See Appendix B	Ordinary shares	14,597	N/A	NZD
,	y	Borrow Decrease, Goldman	,	,		
	Shara Diract Naminas	Sachs International, See				
Wednesday, 17 January 2018	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	14,597	N/A	NZD
	HSBC Bank Australia					
Thursday, 18 January 2018	Limited	Sale	Ordinary shares	2,129	14,903.00	AUD
Tuesday, 30 January 2018	Citibank N A Hong Kong	Purchase	Ordinary shares	17,925	134,796.00	NZD
	Citicorp Nominees Pty					
Tuesday, 30 January 2018	Limited (Australia)	Purchase	Ordinary shares	139,028	1,045,490.56	NZD
Tuesday, 30 January 2018	Citibank N A Hong Kong	Purchase	Ordinary shares	60,972	458,509.44	NZD
	Citibank N A Hong Kong					
Wednesday, 31 January 2018		Purchase	Ordinary shares	174,924	1,335,842.11	NZD

# **Barclays Capital Securities Ltd**

Type of agreement:	Global Master Securities Lending Agreement
	(1) Commonwealth Bank of Australia and (2)
Parties to agreement:	Barclays Capital Securities Ltd
Can the parties exercise voting rights attaching to the securities?	No
If yes, in what circumstances?	N/A
Date on which the securities were (or are) expected to be delivered to the	The dates indicated in Annexure B on which
borrower or its nominee (ie borrow date):	securities were borrowed.
Scheduled date (if any) when the securities are expected to be returned to the	
borrower or its nominee (ie return date):	Any particular day.
Does the borrower have the right to return the securities early? [Yes/No]	Yes
If yes, in which circumstances?	At any time subject to giving notice.
Does the lender have the right to recall the securities early (ie before the	
scheduled return date)? [Yes/No]	Yes
If yes, in which circumstances?	At any time subject to giving notice.
Are there circumstances in which the borrower will not be required to return the	
securities on settlement? [Yes/No]	No
If yes, in which circumstances?	N/A

# **Goldman Sachs International**

Type of agreement:	Global Master Securities Lending Agreement
	(1) Commonwealth Bank of Australia and (2)
Parties to agreement:	Goldman Sachs International
Can the parties exercise voting rights attaching to the securities?	No
If yes, in what circumstances?	N/A
Date on which the securities were (or are) expected to be delivered to the	The dates indicated in Annexure B on which
borrower or its nominee (ie borrow date):	securities were borrowed.
Scheduled date (if any) when the securities are expected to be returned to the	
borrower or its nominee (ie return date):	Any particular day.
Does the borrower have the right to return the securities early? [Yes/No]	Yes
If yes, in which circumstances?	At any time subject to giving notice.
Does the lender have the right to recall the securities early (ie before the	
scheduled return date)? [Yes/No]	Yes
If yes, in which circumstances?	At any time subject to giving notice.
Are there circumstances in which the borrower will not be required to return the	
securities on settlement? [Yes/No]	No
If yes, in which circumstances?	N/A