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: 08-Jan-2018
Date on which substantial holding began: 05-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:20,012,059(b) total in class:400,000,000(c) total percentage held in class:5.003%

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Details of relevantinterests

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 CBA Markets Limited ACN 003 485 952

(a) Nature of relevant interest(s):

Relevant interest arising as a result of 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 securities in a proprietary capacity (including as a result of underwriting activities).

(b) number held in class: 49,598

(c) percentage held in class: 0.012%

Custodian Name	Custodian Total Holding	Custodian Total Holding(%)
Share Direct Nominees Pty Limited	49,598	0.012%

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: 9,170,022

(c) percentage held in class: 2.293%

Custodian Name	Custodian Total Holding	Custodian Total Holding(%)
Citibank N A Hong Kong	7,307,240	1.827%
Citicorp Nominees Pty Limited (Australia)	1,127,741	0.282%
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: 2,735,348

(c) percentage held in class: 0.684%

Custodian Name	Custodian Total Holding	Custodian Total Holding(%)
Citibank N A Hong Kong	2,123,001	0.531%
HSBC Bank Australia Limited	321,999	0.080%
National Bank Nominees Pty Limited	102,788	0.026%
National Custodian Services	187,560	0.047%

Grand Total	20,012,059	5.003%

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

 * CBA Markets Limited ACN 003 485 952, Ground Floor Tower 1, 201 Sussex Street, Sydney, NSW, 2000, Australia

 * 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

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Contact details:

Anitha Subramanian, +61 (0)457 529297, AUSR_SM02041@cba.com.au

*Nature of connection between substantial product holders:
Commonwealth Bank of Australia is a related body corporate of ASB Group Investments Limited Company Number 533945
CBA Markets Limited ACN 003 485 952
Colonial First State Asset Management (Australia) Limited ACN 114 194 311
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 authorized to make this disclosure by all persons for whom it is made.

Appendix A

Details of the transactions or other events requiring disclosure:

Details of the transactions or	other events requiring disclosure:	I		Number		1_
Date of Transaction	Registered Company	Nature of Change	Class	Number of	Cash Consideration	Curren cy
Tuesday, 5 September 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	20,185	155,561.96	NZD
Wednesday, 6 September 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	105,567	818,197.03	NZD
Wednesday, 6 September 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	20,000	156,000.00	NZD
Thursday, 7 September 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	26,331	203,759.15	NZD
Friday, 8 September 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	3,503	26,986.51	NZD
Friday, 8 September 2017	Northern Trust Company	Sale	Ordinary shares	11,410	88,037.28	NZD
Monday, 11 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	84,868	646,346.20	NZD
Tuesday, 12 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	16,113	109,594.18	AUD
Tuesday, 12 September 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	19,040	N/A	NZD
Wednesday, 13 September 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	6,540	N/A	NZD
Wednesday, 13 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	64,062	433,808.65	AUD
27. 23/10 11 2011		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	, , , , , ,		,	
Wednesday, 13 September 2017	Share Direct Nominees Pty Limited	, pponan o	Ordinary shares	19,040	N/A	NZD
Thursday, 14 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	50,000	334,105.00	AUD
Thursday, 14 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	68,344	455,888.65	AUD
Thursday, 14 deptember 2017		Borrow Decrease, Barclays Capital Securities Ltd, See	Ordinary snares	00,544	433,000.03	AOD
Thursday, 14 September 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	6,540	N/A	NZD
Friday, 15 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	3,350	24,488.50	NZD
Friday, 15 September 2017	Citicorp Nominees Pty Limited (New Zealand)	Sale	Ordinary shares	933	6,820.23	NZD
Monday, 18 September 2017	National Bank Nominees Pty Limited	Sale	Ordinary shares	2,813	18,809.97	AUD
Monday, 18 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	39,856	266,509.10	AUD
Monday, 18 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	31,266	209,069.49	AUD
Monday, 18 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	1,254	8,385.25	AUD
Tuesday, 19 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	3,281	22,173.65	AUD
Tuesday, 19 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	46,444	313,877.84	AUD
Tuesday, 19 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	203,609	1,376,030.34	
Tuesday, 19 September 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	,	836,528.49	NZD
Tuesday, 19 September 2017	Citibank N A Hong Kong	Purchase	Ordinary shares		494,769.51	NZD
Tuesday, 19 September 2017	National Bank Nominees Pty Limited	Sale	Ordinary shares	4,681	31,635.13	AUD
Tuesday, 19 September 2017	Citicorp Nominees Pty Limited (New Zealand)	Purchase			23,931.60	
ruesuay, 19 September 2017	Ohana Diagrat Magainean Diagratic	Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares	3,234	23,931.00	NZD
Tuesday, 19 September 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	193,945	N/A	NZD
Wednesday, 20 September 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	193,945	N/A	NZD
Wednesday, 20 September 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	193,945	N/A	NZD
	Citibank N A Hong Kong	Purchasa				NZD
Wednesday, 20 September 2017		Purchase Borrow Decrease, Barclays Capital Securities Ltd, See	Ordinary shares	13,933	105,472.81	INZU
Thursday, 21 September 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	193,945	N/A	NZD
Thursday, 21 September 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	193,945	N/A	NZD

		Borrow Increase, Barclays Capital Securities Ltd,				
Friday, 22 September 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	193,945	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Friday, 22 September 2017	Share Direct Nominees Pty Limited	Securities Liu, See Appendix B	Ordinary shares	193,945	N/A	NZD
Friday, 22 September 2017	Investment Custodial Services Limited	Sale	Ordinary shares	28,571	211,139.69	NZD
	Citibank N A Hong Kong					
Friday, 22 September 2017		Purchase Borrow Decrease, Barclays Capital	Ordinary shares	13,302	98,434.80	NZD
Monday, 25 Cantambay 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinantahara	102.045	N/A	NZD
Monday, 25 September 2017		Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares	193,945	IN/A	NZD
Monday, 25 September 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	14,640	N/A	NZD
	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B				
Tuesday, 26 September 2017		Borrow Decrease, Barclays Capital	Ordinary shares	193,945	N/A	NZD
	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B				
Tuesday, 26 September 2017		Borrow Decrease, Barclays Capital	Ordinary shares	14,640	N/A	NZD
	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B				
Wednesday, 27 September 2017	,		Ordinary shares	193,945	N/A	NZD
Wednesday, 27 September 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	193,945	N/A	NZD
Wednesday, 27 September 2017		Borrow Increase, Barclays Capital Securities Ltd,	Ordinary snares	193,945	IN/A	NZD
Thursday, 28 September 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	193,945	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Thursday, 28 September 2017	Share Direct Nominees Pty Limited		Ordinary shares	193,945	N/A	NZD
Thursday, 28 September 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	12,536	93,351.16	NZD
Thursday, 28 September 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	5,548	38,216.29	AUD
Thursday, 28 September 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	4,918	33,876.66	AUD
Thursday, 28 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	4,347	29,943.44	AUD
	Citicorp Nominees Pty Limited (Australia)					AUD
Thursday, 28 September 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	31,966	217,282.49	
Thursday, 28 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	36,064	245,137.83	AUD
Thursday, 28 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	28,255	192,057.71	AUD
Friday, 29 September 2017		Purchase Borrow Decrease, Barclays Capital	Ordinary shares	26,212	192,920.32	NZD
	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B				
Friday, 29 September 2017		Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares	193,945	N/A	NZD
Friday, 29 September 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
. maay, 20 coptombo. 20 m	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd,	Oramary onarco	102,010		
Monday, 2 October 2017	Share blied Norninees Fty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
	Shara Direct Naminesa Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Monday, 2 October 2017	Share Direct Nominees Pty Limited		Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Tuesday, 3 October 2017	Share Direct Nominees Pty Limited		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
Thursday, 5 October 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	268	1,765.91	AUD
	Shara Direct Naminaca Btu Limited	Borrow Increase, Barclays Capital Securities Ltd,	C. Silvery Stidles		.,. 00.01	
Thursday, 5 October 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B				
Friday, 6 October 2017		Borrow Decrease, Barclays Capital	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B				
Friday, 6 October 2017	Citibank N A Hong Kong		Ordinary shares	152,045	N/A	NZD
Friday, 6 October 2017	Citicorp Nominees Pty Limited (New Zealand)	Purchase	Ordinary shares	3,964	28,620.08	NZD
Friday, 6 October 2017	C.355/P (15/11/1565) Ly Ellinea (New Zedidila)	Purchase	Ordinary shares	2,092	15,104.24	NZD

	Northern Trust Company					
Monday, 9 October 2017	Citibank N A Hong Kong	Sale	Ordinary shares	13,193	95,159.79	NZD
Monday, 9 October 2017	Onibank W A Hong Rong	Sale	Ordinary shares	47,667	343,903.10	NZD
Monday, 9 October 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Monday, 9 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 10 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 10 October 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 10 October 2017	Citibank N A Hong Kong	Sale	Ordinary shares	92,421	648,102.26	NZD
Wednesday, 11 October 2017	Citicorp Nominees Pty Limited (New Zealand)	Purchase	Ordinary shares	1,467	10,430.37	NZD
Wednesday, 11 October 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Wednesday, 11 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Thursday, 12 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Thursday, 12 October 2017	Citicorp Nominees Pty Limited (New Zealand)		Ordinary shares	152,045	N/A	NZD
Thursday, 12 October 2017		Purchase	Ordinary shares	1,438	10,396.74	NZD
Friday, 13 October 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	8,371	55,657.10	AUD
Friday, 13 October 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Friday, 13 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Monday, 16 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Monday, 16 October 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 17 October 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 17 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 17 October 2017	Citicorp Nominees Pty Limited (New Zealand)	Purchase	Ordinary shares	1,436	10,296.12	NZD
Wednesday, 18 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	,	NZD
We do not have 40 October 20047	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Oudinament	450.045	N/A	NZD
Wednesday, 18 October 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Thursday, 19 October 2017	,	Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares	152,045	N/A	NZD
Thursday, 19 October 2017	Share Direct Nominees Pty Limited	See Appendix B Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares	152,045	N/A	NZD
Friday, 20 October 2017	Share Direct Nominees Pty Limited	See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See	Ordinary shares	152,045	N/A	NZD
Friday, 20 October 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
Monday, 23 October 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Monday, 23 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd,				

		Borrow Decrease, Barclays Capital Securities Ltd, See				
	Share Direct Nominees Pty Limited	Appendix B				
Tuesday, 24 October 2017	N.C. 18 11 1 2 2 2 1 2 1		Ordinary shares	152,045	N/A	NZD
Tuesday, 24 October 2017	National Bank Nominees Pty Limited	Purchase	Ordinary shares	10,505	66,304.41	AUD
Tuesday, 24 October 2017	Citibank N A Hong Kong	Sale	Ordinary shares	1,321	8,379.37	AUD
		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Wednesday, 25 October 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
, 2000		Borrow Increase, Barclays Capital Securities Ltd,		,		
Wednesday, 25 October 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B				
Thursday, 26 October 2017	onare preserventiniose r ty zimited		Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Thursday, 26 October 2017	Share Direct Nominees Pty Limited		Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Friday, 27 October 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
r riday, 27 Colobor 2017		Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares	102,040	1071	1425
Friday, 27 October 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	21,203	N/A	NZD
Friday, 27 October 2017	Citicorp Nominees Pty Limited (New Zealand)	Sale	Ordinary shares	8,003	57,621.60	NZD
Tilday, 27 October 2017		Borrow Increase, Barclays Capital Securities Ltd,	Ordinary snares	0,003	57,021.00	INZU
Monday, 30 October 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Monday, 30 October 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	21 203	N/A	NZD
monady, or colorer to the		Borrow Decrease, Barclays Capital Securities Ltd, See	Oramany oriange	21,200		
	Share Direct Nominees Pty Limited	Appendix B				
Tuesday, 31 October 2017		Parrau la aracca Parala ya Capital Caputition I tel	Ordinary shares	152,045	N/A	NZD
Treader 04 Ortober 0047	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	0	45.000	N1/A	NZD
Tuesday, 31 October 2017		Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares	15,900	N/A	NZD
Tuesday, 31 October 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
	Citibank N A Hong Kong					
Tuesday 31 October 2017	Î.	Purchasa	Ordinary charge	112 552	02 515 61	NZD
Tuesday, 31 October 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	12,553	92,515.61	NZD
Tuesday, 31 October 2017 Wednesday, 1 November 2017	Citibank N A Hong Kong	Purchase Sale	Ordinary shares Ordinary shares	12,553 5,032	92,515.61 36,431.68	NZD
	Citibank N A Hong Kong Citibank N A Hong Kong					NZD
Wednesday, 1 November 2017	Citibank N A Hong Kong Citibank N A Hong Kong Citibank N A Hong Kong	Sale	Ordinary shares	5,032	36,431.68	NZD AUD
Wednesday, 1 November 2017 Wednesday, 1 November 2017	Citibank N A Hong Kong Citibank N A Hong Kong	Sale Sale	Ordinary shares Ordinary shares	5,032 46,823	36,431.68 307,725.44	AUD AUD
Wednesday, 1 November 2017 Wednesday, 1 November 2017 Wednesday, 1 November 2017	Citibank N A Hong Kong Citibank N A Hong Kong Citibank N A Hong Kong	Sale Purchase Sale Borrow Decrease, Barclays Capital Securities Ltd, See	Ordinary shares Ordinary shares Ordinary shares	5,032 46,823 46,823	36,431.68 307,725.44 307,725.44	AUD AUD
Wednesday, 1 November 2017 Wednesday, 1 November 2017 Wednesday, 1 November 2017 Wednesday, 1 November 2017	Citibank N A Hong Kong Citibank N A Hong Kong Citibank N A Hong Kong	Sale Sale Purchase Sale	Ordinary shares Ordinary shares Ordinary shares Ordinary shares	5,032 46,823 46,823 22,977	36,431.68 307,725.44 307,725.44 150,444.21	AUD AUD AUD
Wednesday, 1 November 2017 Wednesday, 1 November 2017 Wednesday, 1 November 2017	Citibank N A Hong Kong Share Direct Nominees Pty Limited	Sale Purchase Sale Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares Ordinary shares Ordinary shares	5,032 46,823 46,823 22,977	36,431.68 307,725.44 307,725.44 150,444.21	AUD AUD
Wednesday, 1 November 2017 Wednesday, 1 November 2017 Wednesday, 1 November 2017 Wednesday, 1 November 2017	Citibank N A Hong Kong	Sale Sale Purchase Sale Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares Ordinary shares Ordinary shares Ordinary shares	5,032 46,823 46,823 22,977	36,431.68 307,725.44 307,725.44 150,444.21	AUD AUD AUD
Wednesday, 1 November 2017	Citibank N A Hong Kong Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited	Sale Purchase Sale Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares	5,032 46,823 46,823 22,977	36,431.68 307,725.44 307,725.44 150,444.21 N/A	AUD AUD AUD NZD
Wednesday, 1 November 2017	Citibank N A Hong Kong Share Direct Nominees Pty Limited	Sale Purchase Sale Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares	5,032 46,823 46,823 22,977	36,431.68 307,725.44 307,725.44 150,444.21 N/A	AUD AUD AUD NZD
Wednesday, 1 November 2017	Citibank N A Hong Kong Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited	Sale Purchase Sale Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares	5,032 46,823 46,823 22,977 152,045 2,900	36,431.68 307,725.44 307,725.44 150,444.21 N/A	AUD AUD AUD NZD
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Share Direct Nominees Pty Limited Share Direct Nominees Pty Li	Wednesday, 8 November 2017 Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt						
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Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited See Appendix B Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited See Appendix B Ordinary shares 152,045 N/A N/ZI	Wednesday, 8 November 2017 Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt		Parrow Decrease Parelays Capital Securities Ltd. See	Ordinary shares	152,045	N/A	NZD
Medinesday, 8 November 2017	Wednesday, 8 November 2017 Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt	u Limitad					
Sae Appendix B Ordinary shares 2,900 N/A NZT	Wednesday, 8 November 2017 Wednesday, 8 November 2017 Wednesday, 8 November 2017 Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt	/ Limitea		Ordinary shares	2,900	N/A	NZD
Modenseday, 8 November 2017	Wednesday, 8 November 2017 Wednesday, 8 November 2017 Wednesday, 8 November 2017 Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt	v Limited					
Sara Direct Nominees Pty Limited See Appendix B Ordinary shares 152,045 N/A NZT	Wednesday, 8 November 2017 Wednesday, 8 November 2017 Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017	, Limitou	.,	Ordinary shares	2,900	N/A	NZD
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Thursday, 9 November 2017	Thursday, 9 November 2017 Thursday, 9 November 2017 Citicorp Nominees Pty Lim Share Direct Nominees Pt Thursday, 9 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Share Direct Nominees Pt Friday, 10 November 2017		Purchase	Ordinary shares	4,179	30,088.80	NZD
Thursday, 9 November 2017 Thursday, 9 November 2017 Share Direct Nominees Pty Limited See Appendix B Ordinary shares Spoon N/A NZE See	Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017		Sale	Ordinary shares	30,525	219,474.75	NZD
Share Direct Nominees Pty Limited Share Direct Nom	Thursday, 9 November 2017 Share Direct Nominees Pt Friday, 10 November 2017	ited (Australia)	Sala				
Share Direct Nominees Pty Limited Share Direct Nom	Thursday, 9 November 2017 Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Share Direct Nominees Pt Thursday, 9 November 2017 Share Direct Nominees Pt Friday, 10 November 2017			Ordinary snares	09,473	499,323.23	NZD
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Thursday, 9 November 2017 Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Friday, 10 November 2017 Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited (Australia) Share Direct Nom	Thursday, 9 November 2017 Friday, 10 November 2017 Share Direct Nominees Pt	y Limited					
Friday, 10 November 2017 Share Direct Nominees Pty Limited Share Direct Nominees Pty	Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017			Ordinary shares	2,900	N/A	NZD
Friday, 10 November 2017 Share Direct Nominees Pty Limited Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Ordinary shares 2,900 N/A NZC Share Direct Nominees Pty Limited Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Ordinary shares 2,900 N/A NZC Share Direct Nominees Pty Limited Share	Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017						
Friday, 10 November 2017 Share Direct Nominees Pty Limited Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Ordinary shares 2,900 N/A NZE Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Ordinary shares 2,900 N/A NZE Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Ordinary shares 2,900 N/A NZE Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Ordinary shares 152,045 N/A NZE Friday, 10 November 2017 Citibank N A Hong Kong Purchase Ordinary shares 4,813 34,412.95 NZE Friday, 10 November 2017 Citibank N A Hong Kong Citibank N A Hong Kong Sale Ordinary shares 138,198 988,115.70 NZE Friday, 10 November 2017 Citibank N A Hong Kong Sale Ordinary shares 61,802 441,884.30 NZE Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 2,900 N/A NZE Appendix B Ordinary shares 152,045 N/A NZE Appendix B Ordinary shares 152,045 N/A NZE Appendix B Ordinary shares 152,045 N/A NZE Appendix B Ordinary shares 61,802 441,884.30 NZE Appendix B Ordinary shares 61,802 441,884.30 NZE Appendix B Ordinary shares 79,948.96 AUE	Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt	/ Limited		Ordinary shares	152,045	N/A	NZD
Friday, 10 November 2017 Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Friday, 10 November 2017 Share Direct Nominees Pty Limited Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Ordinary shares Ordinary shares 152,045 N/A NZC Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 61,802 441,884.30 NZC Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 12,376 79,948.96 AUCT AUTOMINICATION NOVEMBER ORDINARY Shares 12,376 79,948.96 AUTOMINICATION NOVEMBER ORDINARY SHARES 12,900 N/A NZI NZI NZI NZI NZI NZI NZI NZ	Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017						
Friday, 10 November 2017 Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited See Appendix B Sorrow Increase, Barclays Capital Securities Ltd, See Appendix B Ordinary shares 2,900 N/A NZE Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Ordinary shares 152,045 N/A NZE Friday, 10 November 2017 Citibank N A Hong Kong Purchase Ordinary shares 4,813 34,412.95 NZE Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Sale Ordinary shares 138,198 988,115.70 NZE Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 61,802 441,884.30 NZE Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 12,376 79,948.96 AUE	Friday, 10 November 2017 Share Direct Nominees Pt Friday, 10 November 2017 Share Direct Nominees Pt	y Limited	Appendix B				
Share Direct Nominees Pty Limited See Appendix B Ordinary shares 2,900 N/A NZE Share Direct Nominees Pty Limited Share Direct Nominees Pty Lim	Friday, 10 November 2017 Share Direct Nominees Pt		Porrow Ingrance Paralova Capital Sequition Ltd	Ordinary shares	2,900	N/A	NZD
Friday, 10 November 2017 Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited See Appendix B Sorrow Increase, Barclays Capital Securities Ltd, See Appendix B Ordinary shares 152,045 N/A NZI Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Sale Ordinary shares 138,198 988,115.70 NZI Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 61,802 441,884.30 NZI Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 12,376 79,948.96 AUI	Friday, 10 November 2017 Share Direct Nominees Pt	y Limited		0 "	0.000		
Friday, 10 November 2017 Share Direct Nominees Pty Limited See Appendix B Ordinary shares 152,045 N/A NZC Friday, 10 November 2017 Citibank N A Hong Kong Purchase Ordinary shares 4,813 34,412.95 NZC Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Friday, 10 November 2017 Citibank N A Hong Kong Sale Ordinary shares 138,198 988,115.70 NZC Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 61,802 441,884.30 NZC Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 12,376 79,948.96 AUC	Friday, 10 November 2017		Borrow Increase, Barclays Capital Securities Ltd.	Ordinary shares	2,900	N/A	NZD
Friday, 10 November 2017 Citibank N A Hong Kong Purchase Ordinary shares 4,813 34,412.95 NZC Citicorp Nominees Pty Limited (Australia) Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Sale Ordinary shares 138,198 988,115.70 NZC Citibank N A Hong Kong Sale Ordinary shares 61,802 441,884.30 NZC Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 12,376 79,948.96 AUC	*	y Limited		Ordinary shares	152 045	N/A	NZD
Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Sale Ordinary shares 138,198 988,115.70 NZL Citibank N A Hong Kong Sale Ordinary shares 61,802 441,884.30 NZL Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 12,376 79,948.96 AUL							
Friday, 10 November 2017 Sale Ordinary shares 138,198 988,115.70 NZC Friday, 10 November 2017 Citibank N A Hong Kong Sale Ordinary shares 61,802 441,884.30 NZC Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 12,376 79,948.96 AUC			Purchase	Ordinary shares	4,813	34,412.95	NZD
Friday, 10 November 2017 Sale Ordinary shares 61,802 441,884.30 NZC Friday, 10 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 12,376 79,948.96 AUC	Friday, 10 November 2017	ited (Australia)	Sale	Ordinary shares	138,198	988,115.70	NZD
Friday, 10 November 2017 Purchase Ordinary shares 12,376 79,948.96 AUI		ited (Australia)	Sale	Ordinary shares	61,802	441,884.30	NZD
		ited (Australia)	Purchase	Ordinary shares	12.376	79,948.96	AUD
	Citibank N A Hong Kong			-			
Friday, 10 November 2017 Sale Ordinary shares 3,793 24,464.85 AUI Northern Trust Company Image: Company of the comp	-		Colo	Ordinary shares	3,793	24,464.85	AUD
Friday, 10 November 2017 Purchase Ordinary shares 3,793 24,464.85 AUI	Friday, 10 November 2017		Sale	Ordinary shares	3,793	24,464.85	AUD
Monday, 13 November 2017 Citicorp Nominees Pty Limited (Australia) Purchase Ordinary shares 19,548 126,420.83 AUL	Monday, 13 November 2017	nited (Australia)				126 420 02	1
Citibank N A Hong Kong Monday, 13 November 2017 Citibank N A Hong Kong Sale Ordinary shares 91,458 653,988.72 NZE	Monday, 13 November 2017	nited (Australia)	Purchase	Ordinary shares	19,548	120,420.83	AUD

	T				i	
Monday, 13 November 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	208,542	1,491,221.28	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Monday, 13 November 2017	Share Direct Nominees Pty Limited		Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd,				
Monday, 13 November 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	2,900	N/A	NZD
	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B				
Monday, 13 November 2017		Borrow Decrease, Barclays Capital Securities Ltd, See	Ordinary shares	152,045	N/A	NZD
	Share Direct Nominees Pty Limited	Appendix B				
Monday, 13 November 2017			Ordinary shares	2,900	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Tuesday, 14 November 2017	Share Direct Nominees Pty Limited		Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Tuesday, 14 November 2017	Share Direct Nominees Pty Limited	Appellation	Ordinary shares	2,900	N/A	NZD
,		Borrow Increase, Barclays Capital Securities Ltd,	, , , , , , , , , ,	,		
Tuesday, 14 November 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 14 November 2017	Citicorp Nominees Pty 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
	Northern Trust Company		,			
Wednesday, 15 November 2017		Sale Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares	534	3,662.92	AUD
Wednesday, 15 November 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
Wednesday, 15 November 2017	Share Direct Nominees Pty Limited	Appellation	Ordinary shares	152,045	N/A	NZD
, , , , , , , , , , , , , , , , , , , ,		Borrow Decrease, Barclays Capital Securities Ltd, See	, , , , , , , , , ,	- ,		
Thursday 40 Newsonber 0047	Share Direct Nominees Pty Limited	Appendix B	0-4	450.045	N1/A	NZD
Thursday, 16 November 2017		Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares	152,045	N/A	NZD
Thursday, 16 November 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
·	Northern Trust Company	Out				
Thursday, 16 November 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	3,259	22,498.51	AUD
Friday, 17 November 2017		Purchase Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares	47,698	330,723.62	AUD
Friday, 17 November 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
•		Borrow Decrease, Barclays Capital Securities Ltd, See				
Friday, 17 November 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
Thay, 17 November 2017		Borrow Decrease, Barclays Capital Securities Ltd, See	Cramary shares	102,040	1071	1420
	Share Direct Nominees Pty Limited	Appendix B				
Monday, 20 November 2017		Borrow Increase, Barclays Capital Securities Ltd,	Ordinary shares	152,045	N/A	NZD
Monday, 20 November 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
J. 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Share Direct Naminage Dt. Limited	Borrow Increase, Barclays Capital Securities Ltd,	,	,0		-
Tuesday, 21 November 2017	Share Direct Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B				
	Share Direct Nominees Pty Limited				NI/A	l
Tuesday, 21 November 2017	Share bliect Norninees Fty Limited		Ordinary shares	152,045	IN/A	NZD
•	Citicorp Nominees Pty Limited (Australia)	Sale	,			
Tuesday, 21 November 2017	·	Sale	Ordinary shares	4,960	38,571.94	NZD
Tuesday, 21 November 2017 Tuesday, 21 November 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares Ordinary shares	4,960 13,006	38,571.94 92,014.85	NZD AUD
Tuesday, 21 November 2017 Tuesday, 21 November 2017 Tuesday, 21 November 2017	Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong	Purchase	Ordinary shares Ordinary shares Ordinary shares	4,960 13,006 3,837	38,571.94 92,014.85 27,012.48	NZD AUD AUD
Tuesday, 21 November 2017 Tuesday, 21 November 2017	Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares Ordinary shares	4,960 13,006	38,571.94 92,014.85	NZD AUD
Tuesday, 21 November 2017 Tuesday, 21 November 2017 Tuesday, 21 November 2017	Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares Ordinary shares Ordinary shares	4,960 13,006 3,837	38,571.94 92,014.85 27,012.48	NZD AUD AUD
Tuesday, 21 November 2017 Tuesday, 21 November 2017 Tuesday, 21 November 2017 Wednesday, 22 November 2017	Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia)	Purchase Purchase Purchase Sale	Ordinary shares Ordinary shares Ordinary shares Ordinary shares	4,960 13,006 3,837 15,177	38,571.94 92,014.85 27,012.48 107,029.72	NZD AUD AUD
Tuesday, 21 November 2017 Tuesday, 21 November 2017 Tuesday, 21 November 2017 Wednesday, 22 November 2017 Wednesday, 22 November 2017	Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citicorp Nominees Pty Limited (Australia)	Purchase Purchase Purchase	Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares	4,960 13,006 3,837 15,177 2,168	38,571.94 92,014.85 27,012.48 107,029.72 15,143.48	AUD AUD AUD AUD
Tuesday, 21 November 2017 Tuesday, 21 November 2017 Tuesday, 21 November 2017 Wednesday, 22 November 2017 Wednesday, 22 November 2017	Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia)	Purchase Purchase Purchase Purchase Sale Borrow Decrease, Barclays Capital Securities Ltd, See	Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares	4,960 13,006 3,837 15,177 2,168	38,571.94 92,014.85 27,012.48 107,029.72 15,143.48 130,434.81	AUD AUD AUD AUD
Tuesday, 21 November 2017 Tuesday, 21 November 2017 Tuesday, 21 November 2017 Wednesday, 22 November 2017 Wednesday, 22 November 2017 Wednesday, 22 November 2017	Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citicorp Nominees Pty Limited (Australia)	Purchase Purchase Purchase Purchase Sale Borrow Decrease, Barclays Capital Securities Ltd, See	Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares	4,960 13,006 3,837 15,177 2,168 16,701	38,571.94 92,014.85 27,012.48 107,029.72 15,143.48 130,434.81	AUD AUD AUD AUD AUD AUD
Tuesday, 21 November 2017 Tuesday, 21 November 2017 Tuesday, 21 November 2017 Wednesday, 22 November 2017 Wednesday, 22 November 2017 Wednesday, 22 November 2017 Wednesday, 22 November 2017 Thursday, 23 November 2017	Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Share Direct Nominees Pty Limited	Purchase Purchase Purchase Purchase Sale Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Purchase	Ordinary shares	4,960 13,006 3,837 15,177 2,168 16,701 152,045 5,420	38,571.94 92,014.85 27,012.48 107,029.72 15,143.48 130,434.81 N/A 37,788.24	NZD AUD AUD AUD NZD NZD AUD
Tuesday, 21 November 2017 Tuesday, 21 November 2017 Tuesday, 21 November 2017 Wednesday, 22 November 2017 Wednesday, 22 November 2017 Wednesday, 22 November 2017 Thursday, 23 November 2017 Thursday, 23 November 2017	Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia)	Purchase Purchase Purchase Purchase Sale Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Purchase Purchase	Ordinary shares	4,960 13,006 3,837 15,177 2,168 16,701 152,045 5,420 279,556	38,571.94 92,014.85 27,012.48 107,029.72 15,143.48 130,434.81 N/A 37,788.24 2,015,598.76	NZD AUD AUD AUD NZD NZD AUD AUD
Tuesday, 21 November 2017 Tuesday, 21 November 2017 Tuesday, 21 November 2017 Wednesday, 22 November 2017 Wednesday, 22 November 2017 Wednesday, 22 November 2017 Wednesday, 22 November 2017 Thursday, 23 November 2017	Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited Citicorp Nominees Pty Limited National Custodian Services	Purchase Purchase Purchase Purchase Sale Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Purchase	Ordinary shares	4,960 13,006 3,837 15,177 2,168 16,701 152,045 5,420	38,571.94 92,014.85 27,012.48 107,029.72 15,143.48 130,434.81 N/A 37,788.24	NZD AUD AUD AUD NZD NZD AUD

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Wednesday, 29 November 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	34,689	243,402.31	AUD
Wednesday, 29 November 2017	Citibank N A Hong Kong	Sale	Ordinary shares	41,194	316,534.70	NZD
	Share Direct Nominees Pty Limited	Borrow Increase, Goldman Sachs International, See Appendix B	0.11	07.004		NZD
Wednesday, 29 November 2017		Borrow Increase, Goldman Sachs International, See	Ordinary shares	37,901	N/A	NZD
Thursday, 30 November 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	37,901	N/A	NZD
		Borrow Decrease, Goldman Sachs International, See Appendix B				
Thursday, 30 November 2017	Share Direct Nominees Pty Limited		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
Thursday, 30 November 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	15,726	122,442.64	NZD
Friday, 1 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	24,944	190,322.72	NZD
Friday, 1 December 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares		30,152.11	AUD
	Citicorp Nominees Pty Limited (Australia)					
Friday, 1 December 2017	Citibank N A Hong Kong	Purchase	Ordinary shares		96,477.05	AUD
Friday, 1 December 2017		Sale Borrow Decrease, Goldman Sachs International, See	Ordinary shares	34,975	269,307.50	NZD
	Share Direct Nominees Pty Limited	Appendix B				
Friday, 1 December 2017		Borrow Increase, Goldman Sachs International, See	Ordinary shares	37,901	N/A	NZD
Friday, 1 December 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	37,901	N/A	NZD
		Borrow Decrease, Goldman Sachs International, See Appendix B				
Monday, 4 December 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	37,901	N/A	NZD
	Citicorp Nominees Pty Limited (Australia)	Durahasa				
Wednesday, 6 December 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	5,716	39,059.14	AUD
Thursday, 7 December 2017	Citicorp Nominees Pty Limited (New Zealand)	Purchase	Ordinary shares		11,415.33	AUD
Thursday, 7 December 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	1,522	11,597.64	NZD
Friday, 8 December 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	7,052	54,924.50	NZD
Friday, 8 December 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	5,259	37,225.83	AUD
Monday, 11 December 2017	, , , , ,	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 Limited (Australia)	Purchase	Ordinary shares	122,457	893,936.10	AUD
Monday, 11 December 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	27,220	198,706.00	AUD
	Share Direct Nominees Pty Limited	Borrow Increase, Goldman Sachs International, See Appendix B				
Monday, 11 December 2017		Borrow Decrease, Goldman Sachs International, See	Ordinary shares	91,351	N/A	NZD
	Share Direct Nominees Pty Limited	Appendix B				
Tuesday, 12 December 2017	Citibank N A Hong Kong		Ordinary shares	91,351	N/A	NZD
Tuesday, 12 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	210,372	1,528,710.21	AUD
Tuesday, 12 December 2017	National Bank Nominees Pty Limited	Sale	Ordinary shares	246,327	1,789,984.41	AUD
Tuesday, 12 December 2017	·	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
Tuesday, 12 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	5,763	41,877.99	AUD
Wednesday, 13 December 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	7,877	61,440.60	NZD
Wednesday, 13 December 2017	Citicorp Nominees Pty Limited (New Zealand)	Sale	Ordinary shares	7,877	61,440.60	NZD
Thursday, 14 December 2017	Citicorp Nominees Pty 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 Pty Limited	Borrow Increase, Goldman Sachs International, See Appendix B		,,_	,	
Thursday, 14 December 2017	Office Direct Nothinees 1 ty Elithied		Ordinary shares	91,351	N/A	NZD
	Share Direct Naminoon Phylimited	Borrow Decrease, Goldman Sachs International, See Appendix B				
Friday, 15 December 2017	Share Direct Nominees Pty Limited		Ordinary shares	91,351	N/A	NZD
Friday, 15 December 2017	Citibank N A Hong Kong	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 Sachs International, See				
	Share Direct Nominees Pty Limited	Appendix B				

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		Borrow Decrease, Goldman Sachs International, See Appendix B				
Tuesday, 19 December 2017	Share Direct Nominees Pty Limited	, application	Ordinary shares	91,351	N/A	NZD
Tuesday, 19 December 2017	HSBC Bank Australia 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
Wednesday, 20 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	7,770	55,048.12	AUD
Wednesday, 20 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	12,328	95,542.00	NZD
Wednesday, 20 December 2017	National Custodian 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
Thursday, 21 December 2017	National Custodian Services	Sale	Ordinary shares	19,179	136,195.83	AUD
Thursday, 21 December 2017	Citibank N A Hong Kong	Sale	Ordinary shares	66,816	474,480.46	AUD
Thursday, 21 December 2017	Share Direct Nominees Pty Limited	Borrow Increase, Goldman Sachs International, See Appendix B Borrow Decrease, Goldman Sachs International, See	Ordinary shares	71,351	N/A	NZD
Friday, 22 December 2017	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	71,351	N/A	NZD
Wednesday, 27 December 2017	Share Direct Nominees Pty Limited	Borrow Increase, Goldman Sachs International, See 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
Thursday, 28 December 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Goldman Sachs International, See Appendix B	Ordinary shares	63,099	N/A	NZD
Thursday, 28 December 2017	Share Direct Nominees Pty Limited	Borrow Increase, Goldman Sachs International, See Appendix B	Ordinary shares	63,098	N/A	NZD
Friday, 29 December 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Goldman Sachs International, See Appendix B	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
Tuesday, 2 January 2018	Citibank N A Hong Kong	Sale	Ordinary shares	9,352	65,557.52	AUD
Tuesday, 2 January 2018	Share Direct Nominees Pty Limited	Borrow Increase, Goldman Sachs International, See Appendix B	Ordinary shares	63,098	N/A	NZD
Tuesday, 2 January 2018	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	38,222	N/A	NZD
Tuesday, 2 January 2018	National Bank Nominees Pty Limited	Purchase	Ordinary shares	719	5,040.19	AUD
Wednesday, 3 January 2018	Share Direct Nominees Pty Limited	Borrow Decrease, Goldman Sachs International, See Appendix B	Ordinary shares	63,098	N/A	NZD
	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	C. dilidiy Silaios	30,000		.,20
Wednesday, 3 January 2018		Borrow Increase, Goldman Sachs International, See	Ordinary shares	38,222	N/A	NZD
Friday, 5 January 2018	Share Direct Nominees Pty Limited	Appendix B	Ordinary shares	49,598	N/A	NZD
Friday, 5 January 2018	Citibank N A Hong Kong	Sale	Ordinary shares	8,963	69,463.25	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 borrower or its nominee (ie borrow date):	The dates indicated in Annexure B on which 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		