Disclosure of beginning to have substantial holding

Section 276, Financial Markets Conduct Act 2013

То NZX LIMITED

and То Z Energy Limited.

20-Dec-2017 Date this disclosure made: Date on which substantial holding began: 19-Dec-2017

Substantial product holder(s) giving disclosure Full name(s):

Commonwealth Bank of Australia

400,000,000

Summary of substantial holding Class of quoted voting products: Ordinary shares

Summary for Commonwealth Bank of Australia

For this disclosure,—

(b) total in class:

(a) total number held in class: 20,278,648

5.070% (c) total percentage held in class:

100080615/3821102.1

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Details of relevantinterests

ASB Group Investments Limited Company Number 533945 Details for

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

0.273% (c) percentage held in class:

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 485952

(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: 91,351

0.023% (c) percentage held in class:

Custodian Name	Custodian Total Holding	Custodian Total Holding(%)
Share Direct Nominees Ptv Limited	91.351	0.023%

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: 9,278,305

(c) percentage held in class: 2.320%

Custodian Name	Custodian Total Holding	Custodian Total Holding(%)
Citibank N A Hong Kong	7,394,857	1.849%
Citicorp Nominees Pty Limited (Australia)	1,127,741	0.282%
Citicorp Nominees Pty Limited (NewZealand)	755,707	0.189%

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 Statement Investments Limited or a related body corporate).

(b) number held in class: 6,983,894

(c) percentage held in class: 1.746%

Custodian Name	Custodian Total Holding	Custodian Total Holding(%)
Citibank N A Hong Kong	1,148,035	0.287%
Citicorp Nominees Pty Limited (Australia)	5,835,859	1.459%

Realindex Investments Pty Limited ACN 133 312 017 Details for

(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:

2,831,343

(c) percentage held in class:

0.708%

Custodian Name	Custodian Total Holding	Custodian Total Holding(%)
Citibank N A Hong Kong	2,198,306	0.550%
HSBC Bank Australia Limited	321,999	0.080%
National Bank Nominees PtyLimited	102,069	0.026%
National Custodian Services	208,969	0.052%

Grand Total	20,278,648	5.070%

Details of transactions and events giving rise to substantial holding

Details of transactions or other events requiring disclosure:

See Appendix A

Additionalinformation

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) 457 529 297, AUSR_SM02041@cba.com.au

*Nature of connection between substantial product holders:
ASB Group Investments Limited Company Number533945
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 312017

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
Friday, 18 August 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	17,368	N/A	NZD
riady, to riaguot 20 th	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,		,000		
Friday, 18 August 2017	Nominees Pty Limited Citicorp Nominees Pty	See Appendix B	Ordinary shares	17,368	N/A	NZD
Friday, 18 August 2017	Limited (Australia)	Purchase	Ordinary shares	860	6,120.19	AUD
Friday, 18 August 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	5,020	35,724.83	AUD
Friday, 18 August 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	81,418	579,468.19	AUD
Friday, 18 August 2017	Citibank N A Hong Kong	Sale	Ordinary shares	69,160	492,232.47	AUD
Monday, 21 August 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	70,000	498,792.00	AUD
Monday, 21 August 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	650	4,630.66	AUD
Monday, 21 August 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	3,750	26,715.38	AUD
Monday, 21 August 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	74,959	534,052.89	AUD
Monday, 21 August 2017	Citibank N A Hong Kong	Sale	Ordinary shares	55,873	398,072.78	AUD
	Share Direct	Borrow Decrease, Barclays Capital Securities Ltd, See	,		·	
Monday, 21 August 2017	Nominees Pty Limited	Appendix B Borrow Increase, Barclays	Ordinary shares	17,368	N/A	NZD
Monday, 21 August 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	17,368	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Tuesday, 22 August 2017	Nominees Pty Limited	See Appendix B Borrow Decrease, Barclays Capital	Ordinary shares	17,368	N/A	NZD
Tuesday, 22 August 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	17,368	N/A	NZD
Tuesday, 22 August 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	69,000	491,452.50	AUD
Tuesday, 22 August 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	28,261	201,243.75	AUD
Tuesday, 22 August 2017	Citicorp Nominees Pty Limited (Australia)	Sale	Ordinary shares	3,485	24,816.34	AUD
Tuesday, 22 August 2017	Citibank N A Hong Kong	Sale	Ordinary shares	25,320	180,301.19	AUD
Tuesday, 22 August 2017	Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	81,000	576,792.90	AUD
	Share Direct	Borrow Decrease, Barclays Capital Securities Ltd, See				
Wednesday, 23 August 2017	Nominees Pty Limited	Borrow Increase, Barclays	Ordinary shares	17,368	N/A	NZD
Wednesday, 23 August 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	17,368	N/A	NZD
Thursday, 24 August 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease,	Ordinary shares	17,368	N/A	NZD
	Share Direct	Barclays Capital Securities Ltd, See				
Thursday, 24 August 2017	Nominees Pty Limited Citicorp Nominees Pty	Appendix B	Ordinary shares	17,368	N/A	NZD
Friday, 25 August 2017	Limited (Australia) Citicorp Nominees Pty	Sale	Ordinary shares	12,415	95,452.11	NZD
Friday, 25 August 2017	Limited (Australia)	Sale	Ordinary shares	34,931	268,374.23	NZD

		Borrow Decrease,				
		Barclays Capital				
Friday OF Assessed 0047	Share Direct	Securities Ltd, See	Oudingsminhage	47.000	N1/A	NZD
Friday, 25 August 2017	Nominees Pty Limited	Appendix B Borrow Increase, Barclays	Ordinary shares	17,368	N/A	NZD
	Share Direct	Capital Securities Ltd,				
Friday, 25 August 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	17,368	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Monday, 28 August 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	17,368	N/A	NZD
,,g	Tronmicoo i ty Eminica	Borrow Decrease,		,		
	0. 5.	Barclays Capital				
Monday, 28 August 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	17,368	N/A	NZD
Monday, 20 August 2017	Nonlinees I ty Emilieu	Borrow Decrease,	Ordinary Snares	17,000	14/71	IVED
		Barclays Capital				
Tuesday 20 August 2017	Share Direct Nominees Pty Limited	Securities Ltd, See	Ordinaryaharaa	17 260	N/A	NZD
Tuesday, 29 August 2017	Norninees Fty Limited	Appendix B Borrow Increase, Barclays	Ordinary shares	17,368	IN/A	NZD
	Share Direct	Capital Securities Ltd,				
Tuesday, 29 August 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	28,468	N/A	NZD
Tuesday, 29 August 2017	Citicorp Nominees Pty Limited (New Zealand)	Sala	Ordinary shares	26,858	205,947.14	NZD
Tuesday, 29 August 2017	Littliced (New Zealand)	Borrow Increase, Barclays		20,030	203,947.14	INZU
	Share Direct	Capital Securities Ltd,				
Wednesday, 30 August 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	15,868	N/A	NZD
		Borrow Decrease, Barclays Capital				
	Share Direct	Securities Ltd, See				
Wednesday, 30 August 2017	Nominees Pty Limited	Appendix B	Ordinary shares	28,468	N/A	NZD
M-d	Citicorp Nominees Pty	0-1-	Oudingsminhage	47.004	400 004 00	NZD
Wednesday, 30 August 2017	Limited (Australia)	Sale Borrow Decrease,	Ordinary shares	17,094	132,081.06	NZD
		Barclays Capital				
	Share Direct	Securities Ltd, See				
Thursday, 31 August 2017	Nominees Pty Limited	Appendix B	Ordinary shares	15,868	N/A	NZD
Thursday, 31 August 2017	Citibank N A Hong Kong	Sale	Ordinary shares	13,043	100,691.96	NZD
Thursday, 31 August 2017	Citibank N A Hong	Sale	Ordinary snares	13,043	100,091.90	INZU
Friday, 1 September 2017	Kong	Sale	Ordinary shares	4,631	35,751.32	NZD
T 50 1 0017	Citicorp Nominees Pty		0 " 1	00.405	455 504 00	NZD
Tuesday, 5 September 2017	Limited (Australia) Citibank N A Hong	Sale	Ordinary shares	20,185	155,561.96	NZD
Wednesday, 6 September 2017	Kong	Purchase	Ordinary shares	105,567	818,197.03	NZD
	Citibank N A Hong					
Wednesday, 6 September 2017	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
Thursday, 7 deptember 2017	Citicorp Nominees Pty	Odic	Ordinary Snares	20,001	200,700.10	IVZD
Friday, 8 September 2017	Limited (Australia)	Sale	Ordinary shares	3,503	26,986.51	NZD
Friday 9 Cantomber 2017	Northern Trust	Colo	Ordinaryaharaa	11 110	00 027 20	NZD
Friday, 8 September 2017	Company Citibank N A Hong	Sale	Ordinary shares	11,410	88,037.28	NZD
Monday, 11 September 2017	Kong	Sale	Ordinary shares	84,868	646,346.20	NZD
	Citibank N A Hong					
Tuesday, 12 September 2017	Kong	Sale	Ordinary shares	16,113	109,594.18	AUD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd.				
Tuesday, 12 September 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	19,040	N/A	NZD
	•	Borrow Increase, Barclays				
Wadnesday 12 Centember 2017	Share Direct	Capital Securities Ltd, See Appendix B	Ordinaryaharaa	C F 40	NI/A	NZD
Wednesday, 13 September 2017	Nominees Pty Limited	Borrow Decrease,	Ordinary shares	6,540	N/A	NZD
		Barclays Capital				
	Share Direct	Securities Ltd, See				
Wednesday, 13 September 2017	Nominees Pty Limited	Appendix B	Ordinary shares	19,040	N/A	NZD
Wednesday, 13 September 2017	Citibank N A Hong Kong	Sale	Ordinary shares	64,062	433,808.65	AUD
January, 10 Coptombol 2017	Citibank N A Hong		z zm.zmy driando	,	22,200.00	
Thursday, 14 September 2017	Kong	Sale	Ordinary shares	50,000	334,105.00	AUD
Thursday 14 Santambar 2017	Citibank N A Hong	Salo	Ordinaryaharas	69 344	155 900 SF	ALID
Thursday, 14 September 2017	Kong	Sale Borrow Decrease,	Ordinary shares	68,344	455,888.65	AUD
		Barclays Capital				
Thursday 44.0	Share Direct	Securities Ltd, See	Onding and	0.540	N1/A	NZD
Thursday, 14 September 2017	Nominees Pty Limited Citibank N A Hong	Appendix B	Ordinary shares	6,540	N/A	NZD
Friday, 15 September 2017	Kong	Sale	Ordinary shares	3,350	24,488.50	NZD
	Citicorp Nominees Pty					
Friday, 15 September 2017	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
	Citibank N A Hong		j 0110100	_,	. 5,555.67	
Monday, 18 September 2017	Kong	Sale	Ordinary shares	39,856	266,509.10	AUD
Monday 18 Contomber 2017	Citibank N A Hong	Salo	Ordinaryaharas	21 266	200 060 40	ALID
Monday, 18 September 2017	Kong Citibank N A Hong	Sale	Ordinary shares	31,266	209,069.49	AUD
Monday, 18 September 2017	Kong	Sale	Ordinary shares	1,254	8,385.25	AUD
	Citibank N A Hong					
Tuesday, 19 September 2017	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
1 deptember 2017	Citibank N A Hong	Jaio	Cramary Shares	10,777	010,011.04	
Tuesday, 19 September 2017	Kong	Sale	Ordinary shares	203,609	1,376,030.34	AUD
	Citicorp Nominees Pty Limited (Australia)	Purchase	Onding 1	440.404	000 500 10	NZD
Tuesday, 19 September 2017		Liurobooo	Ordinary shares	113,104	836,528.49	NZD

	0					
Tuesday, 19 September 2017	Citibank N A Hong Kong	Purchase	Ordinary shares	66,896	494,769.51	NZD
rucsday, 15 deptember 2017	National Bank	Taronasc	Ordinary snares	00,000	434,703.51	INZE
Tuesday, 19 September 2017	Nominees Pty Limited	Sale	Ordinary shares	4,681	31,635.13	AUD
Tuesday, 19 September 2017	Citicorp Nominees Pty Limited (New Zealand)	Durchasa	Ordinary shares	3,234	23,931.60	NZD
ruesday, 19 September 2017	Limited (New Zealand)	Borrow Increase, Barclays		3,234	23,931.00	INZU
	Share Direct	Capital Securities Ltd,				
Tuesday, 19 September 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	193,945	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Wednesday, 20 September 2017		See Appendix B	Ordinary shares	193,945	N/A	NZD
		Borrow Decrease,				
	Share Direct	Barclays Capital Securities Ltd, See				
Wednesday, 20 September 2017		Appendix B	Ordinary shares	193,945	N/A	NZD
W 000 0047	Citibank N A Hong		0 "	40.000	405 470 04	NZD
Wednesday, 20 September 2017	Kong	Purchase Borrow Decrease,	Ordinary shares	13,933	105,472.81	NZD
		Barclays Capital				
Thursday 04 Cantarahan0047	Share Direct	Securities Ltd, See	O	400.045	N1/A	NZD
Thursday, 21 September 2017	Nominees Pty Limited	Appendix B Borrow Increase, Barclays	Ordinary shares	193,945	N/A	NZD
	Share Direct	Capital Securities Ltd,				
Thursday, 21 September 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	193,945	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Friday, 22 September 2017		See Appendix B	Ordinary shares	193,945	N/A	NZD
		Borrow Decrease,				
	Share Direct	Barclays Capital Securities Ltd, See				
Friday, 22 September 2017		Appendix B	Ordinary shares	193,945	N/A	NZD
	Investment Custodial	•				j
Friday, 22 September 2017	Services Limited Citibank N A Hong	Sale	Ordinary shares	28,571	211,139.69	NZD
Friday, 22 September 2017	Kong	Purchase	Ordinary shares	13,302	98,434.80	NZD
		Borrow Decrease,				
	Share Direct	Barclays Capital Securities Ltd, See				
Monday, 25 September 2017		Appendix B	Ordinary shares	193,945	N/A	NZD
		Borrow Increase, Barclays				
Monday, 25 September 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	14,640	N/A	NZD
Monday, 25 September 2017	Nominees 1 ty Limited	Borrow Increase, Barclays		14,040	IN/A	INZU
	Share Direct	Capital Securities Ltd,				
Tuesday, 26 September 2017	Nominees Pty Limited	See Appendix B Borrow Decrease,	Ordinary shares	193,945	N/A	NZD
		Barclays Capital				
T 00 0 1 0047	Share Direct	Securities Ltd, See	0 "	44.040	21/2	NZD
Tuesday, 26 September 2017	Nominees Pty Limited	Appendix B Borrow Decrease.	Ordinary shares	14,640	N/A	NZD
		Barclays Capital				
W 07.0 004.7	Share Direct	Securities Ltd, See				
Wednesday, 27 September 2017				400.045	NI/A	NZD
	Nominees Pty Limited	Appendix B Borrow Increase Barclays	Ordinary shares	193,945	N/A	NZD
	Nominees Pty Limited Share Direct	Appendix B Borrow Increase, Barclays Capital Securities Ltd,	•	193,945	N/A	NZD
Wednesday, 27 September 2017		Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	193,945	N/A N/A	NZD NZD
	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays	Ordinary shares			
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares			
Wednesday, 27 September 2017	Share Direct Nominees Pty Limited Share Direct	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease,	Ordinary shares	193,945	N/A	NZD
Wednesday, 27 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital	Ordinary shares	193,945	N/A	NZD
Wednesday, 27 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease,	Ordinary shares	193,945	N/A	NZD
Wednesday, 27 September 2017 Thursday, 28 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares Ordinary shares Ordinary shares	193,945 193,945	N/A N/A	NZD NZD
Wednesday, 27 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia)	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See	Ordinary shares Ordinary shares	193,945 193,945	N/A N/A	NZD NZD
Wednesday, 27 September 2017 Thursday, 28 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia)	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares Ordinary shares Ordinary shares	193,945 193,945	N/A N/A	NZD NZD
Wednesday, 27 September 2017 Thursday, 28 September 2017 Thursday, 28 September 2017 Thursday, 28 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia)	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale	Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares	193,945 193,945 193,945 12,536 5,548	N/A N/A N/A 93,351.16 38,216.29	NZD NZD NZD NZD AUD
Wednesday, 27 September 2017 Thursday, 28 September 2017 Thursday, 28 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia)	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale	Ordinary shares Ordinary shares Ordinary shares Ordinary shares	193,945 193,945 193,945 12,536	N/A N/A N/A 93,351.16	NZD NZD NZD
Wednesday, 27 September 2017 Thursday, 28 September 2017 Thursday, 28 September 2017 Thursday, 28 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale	Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares	193,945 193,945 193,945 12,536 5,548	N/A N/A N/A 93,351.16 38,216.29	NZD NZD NZD NZD AUD
Wednesday, 27 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Citibank N A Hong Kong Citicorp Nominees Pty	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale Sale	Ordinary shares	193,945 193,945 193,945 12,536 5,548 4,918 4,347	N/A N/A N/A 93,351.16 38,216.29 33,876.66 29,943.44	NZD NZD NZD NZD AUD AUD
Wednesday, 27 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia)	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale	Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares Ordinary shares	193,945 193,945 193,945 12,536 5,548 4,918	N/A N/A N/A 93,351.16 38,216.29 33,876.66	NZD NZD NZD NZD AUD AUD
Wednesday, 27 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Citibank N A Hong Kong Citicorp Nominees Pty	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale Sale	Ordinary shares	193,945 193,945 193,945 12,536 5,548 4,918 4,347	N/A N/A N/A 93,351.16 38,216.29 33,876.66 29,943.44	NZD NZD NZD NZD AUD AUD
Wednesday, 27 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citibank N A Hong	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sarclays Capital Securities Ltd, See Appendix B Sale Sale Sale Sale Sale Sale	Ordinary shares	193,945 193,945 193,945 12,536 5,548 4,918 4,347 31,966 36,064	N/A N/A N/A 93,351.16 38,216.29 33,876.66 29,943.44 217,282.49 245,137.83	NZD NZD NZD AUD AUD AUD AUD AUD AUD
Wednesday, 27 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia)	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale Sale Sale	Ordinary shares	193,945 193,945 193,945 12,536 5,548 4,918 4,347 31,966	N/A N/A N/A 93,351.16 38,216.29 33,876.66 29,943.44 217,282.49	NZD NZD NZD AUD AUD AUD AUD
Wednesday, 27 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citibank N A Hong	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sarclays Capital Securities Ltd, See Appendix B Sale Sale Sale Sale Sale Sale	Ordinary shares	193,945 193,945 193,945 12,536 5,548 4,918 4,347 31,966 36,064	N/A N/A N/A 93,351.16 38,216.29 33,876.66 29,943.44 217,282.49 245,137.83	NZD NZD NZD AUD AUD AUD AUD AUD AUD
Wednesday, 27 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citibank N A Hong Citibank N A Hong	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale Sale Sale Sale Sale Sale Sale	Ordinary shares	193,945 193,945 193,945 12,536 5,548 4,918 4,347 31,966 36,064 28,255	N/A N/A N/A 93,351.16 38,216.29 33,876.66 29,943.44 217,282.49 245,137.83 192,057.71	NZD NZD NZD AUD AUD AUD AUD AUD AUD AUD A
Wednesday, 27 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citibank N A Hong Kong Citibank N A Hong Kong	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale Sale Sale Sale Sale Purchase Borrow Decrease, Barclays Capital	Ordinary shares	193,945 193,945 193,945 12,536 5,548 4,918 4,347 31,966 36,064 28,255	N/A N/A N/A 93,351.16 38,216.29 33,876.66 29,943.44 217,282.49 245,137.83 192,057.71	NZD NZD NZD AUD AUD AUD AUD AUD AUD AUD A
Wednesday, 27 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citibank N A Hong Kong Citibank N A Hong Kong Share Direct	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale Sale Sale Sale Sale Sale Sale	Ordinary shares	193,945 193,945 193,945 12,536 5,548 4,918 4,347 31,966 36,064 28,255	N/A N/A N/A 93,351.16 38,216.29 33,876.66 29,943.44 217,282.49 245,137.83 192,057.71	NZD NZD NZD AUD AUD AUD AUD AUD AUD AUD A
Wednesday, 27 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citibank N A Hong Kong Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale Sale Sale Sale Sale Sale Sale	Ordinary shares Ordinary shares	193,945 193,945 193,945 12,536 5,548 4,918 4,347 31,966 36,064 28,255 26,212	N/A N/A N/A 93,351.16 38,216.29 33,876.66 29,943.44 217,282.49 245,137.83 192,057.71 192,920.32	NZD NZD NZD AUD AUD AUD AUD AUD AUD AUD A
Wednesday, 27 September 2017 Thursday, 28 September 2017 Friday, 29 September 2017 Friday, 29 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citibank N A Hong Kong Share Direct Nominees Pty Limited Share Direct	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale Sale Sale Sale Purchase Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale Sale Sale Sale Sale Sale Sale	Ordinary shares Ordinary shares	193,945 193,945 193,945 193,945 12,536 5,548 4,918 4,347 31,966 36,064 28,255 26,212	N/A N/A N/A 93,351.16 38,216.29 33,876.66 29,943.44 217,282.49 245,137.83 192,057.71 192,920.32 N/A	NZD NZD NZD AUD AUD AUD AUD AUD AUD AUD NZD
Wednesday, 27 September 2017 Thursday, 28 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citibank N A Hong Kong Share Direct Nominees Pty Limited Share Direct	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale Sale Sale Sale Sale Sale Sale	Ordinary shares Ordinary shares	193,945 193,945 193,945 12,536 5,548 4,918 4,347 31,966 36,064 28,255 26,212	N/A N/A N/A 93,351.16 38,216.29 33,876.66 29,943.44 217,282.49 245,137.83 192,057.71 192,920.32	NZD NZD NZD AUD AUD AUD AUD AUD AUD AUD A
Wednesday, 27 September 2017 Thursday, 28 September 2017 Friday, 29 September 2017 Friday, 29 September 2017	Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Share Direct Nominees Pty Limited Citicorp Nominees Pty Limited (Citicorp Nominees Pty Limited (Australia) Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citibank N A Hong Kong Citibank N A Hong Kong Share Direct Nominees Pty Limited Share Direct Share Direct	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale Sale Sale Sale Purchase Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Sale Sale Sale Sale Sale Sale Sale Sale	Ordinary shares Ordinary shares	193,945 193,945 193,945 193,945 12,536 5,548 4,918 4,347 31,966 36,064 28,255 26,212	N/A N/A N/A 93,351.16 38,216.29 33,876.66 29,943.44 217,282.49 245,137.83 192,057.71 192,920.32 N/A	NZD NZD NZD AUD AUD AUD AUD AUD AUD AUD NZD

		Borrow Decrease, Barclays Capital				
	Share Direct	Securities Ltd, See				
Monday, 2 October 2017	Nominees Pty Limited	Appendix B Borrow Decrease,	Ordinary shares	152,045	N/A	NZD
		Barclays Capital				
Tuesday, 3 October 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
	Citibank N A Hong	.,		,		
Wednesday, 4 October 2017	Kong National Bank	Purchase	Ordinary shares	6,458	46,691.34	NZD
Thursday, 5 October 2017		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
Thursday, 5 Colober 2017		Borrow Increase, Barclays		200	1,700.01	NOD
Thursday, 5 October 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Thursday, o Colober 2017		Borrow Increase, Barclays		102,010	1471	1125
Friday, 6 October 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
**		Borrow Decrease,				
	Share Direct	Barclays Capital Securities Ltd, See				
Friday, 6 October 2017	Nominees Pty Limited Citibank N A Hong	Appendix B	Ordinary shares	152,045	N/A	NZD
Friday, 6 October 2017	Kong	Purchase	Ordinary shares	3,964	28,620.08	NZD
Friday, 6 October 2017	Citicorp Nominees Pty Limited (New Zealand)	Purchase	Ordinary shares	2.092	15,104.24	NZD
	Citibank N A Hong					
Monday, 9 October 2017	Kong Northern Trust	Sale	Ordinary shares	47,667	343,903.10	NZD
Monday, 9 October 2017	Company	Sale	Ordinary shares	13,193	95,159.79	NZD
		Borrow Decrease, Barclays Capital				
Monday, 9 October 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Monday, 9 October 2017	Nominees Pty Limited	Borrow Increase, Barclays		132,043	IV/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, o Golobol 2011		Borrow Increase, Barclays		102,010	1471	1125
Tuesday, 10 October 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
7,		Borrow Decrease,				
	Share Direct	Barclays Capital Securities Ltd, See				
Tuesday, 10 October 2017	Nominees Pty Limited Citibank N A Hong	Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 10 October 2017	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
,,		Borrow Decrease,	oranian, oriente	1,101		
	Share Direct	Barclays Capital Securities Ltd, See				
Wednesday, 11 October 2017	Nominees Pty Limited	Appendix B Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
	Share Direct	Capital Securities Ltd,				
Wednesday, 11 October 2017	Nominees Pty Limited	See Appendix B Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
TI 1 10 0 1 1 0017	Share Direct	Capital Securities Ltd,		450.045		NZD
Thursday, 12 October 2017	Nominees Pty Limited	See Appendix B Borrow Decrease,	Ordinary shares	152,045	N/A	NZD
	Share Direct	Barclays Capital Securities Ltd, See				
Thursday, 12 October 2017	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
	Citibank N A Hong		,			
Friday, 13 October 2017	Kong	Purchase Borrow Decrease,	Ordinary shares	8,371	55,657.10	AUD
	Shara Direct	Barclays Capital				
Friday, 13 October 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Friday, 13 October 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Monday, 16 October 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital				
Monday, 16 October 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
wioriday, 10 October 2017	140mmees Fty Limited	Borrow Decrease,	Orumary snares	102,040	14/7	1420
	Share Direct	Barclays Capital Securities Ltd, See				
Tuesday, 17 October 2017	Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Tuesday, 17 October 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 17 October 2017	Citicorp Nominees Pty Limited (New Zealand)		Ordinary shares	1,436	10,296.12	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Wednesday, 18 October 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD

	Share Direct	Borrow Decrease, Barclays Capital Securities Ltd, See				
Wednesday, 18 October 2017	Nominees Pty Limited	Appendix B Borrow Decrease,	Ordinary shares	152,045	N/A	NZD
Thursday, 19 October 2017	Share Direct Nominees Pty Limited	Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Thursday, 19 October 2017		See Appendix B	Ordinary shares	152,045	N/A	NZD
Friday, 20 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Friday, 20 October 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
11100), 20 001020. 2011	The state of the s	Borrow Decrease, Barclays Capital	oramary enaited	102,010	1,47.	
Monday, 23 October 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
Monday, 23 October 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
Tuesday, 24 October 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 24 October 2017	Share Direct Nominees Pty Limited	Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B	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
. 400443, 2 . 001020. 2011	rtong	Borrow Decrease,	oramary erranee	.,02.	5,51 5.51	7.05
Wednesday, 25 October 2017	Share Direct Nominees Pty Limited	Barclays Capital Securities Ltd, See Appendix B Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
Wednesday, 25 October 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Thursday, 26 October 2017	Nominees Pty Limited	See Appendix B Borrow Decrease, Barclays Capital	Ordinary shares	152,045	N/A	NZD
Thursday, 26 October 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct	Borrow Decrease, Barclays Capital Securities Ltd. See	,	·		
Friday, 27 October 2017	Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
Friday, 27 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, 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
Monday, 30 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease,	Ordinary shares	152,045	N/A	NZD
Monday, 30 October 2017	Share Direct Nominees Pty Limited	Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital	Ordinary shares	21,203	N/A	NZD
Tuesday, 31 October 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 31 October 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B		15,900	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Tuesday, 31 October 2017	Nominees Pty Limited Citibank N A Hong	See Appendix B	Ordinary shares	152,045	N/A	NZD
Tuesday, 31 October 2017	Kong Citibank N A Hong	Purchase	Ordinary shares	12,553	92,515.61	NZD
Wednesday, 1 November 2017	Kong Citibank N A Hong	Sale	Ordinary shares	5,032	36,431.68	NZD
Wednesday, 1 November 2017	Kong Citibank N A Hong	Sale	Ordinary shares	46,823	307,725.44	AUD
Wednesday, 1 November 2017	Kong	Purchase	Ordinary shares	46,823	307,725.44	AUD
Wednesday, 1 November 2017	Citibank N A Hong Kong	Sale Borrow Decrease, Barclays Capital	Ordinary shares	22,977	150,444.21	AUD
Wednesday, 1 November 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Wednesday, 1 November 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	2,900	N/A	NZD
Wednesday, 1 November 2017	Share Direct Nominees Pty Limited	Borrow Increase, Barclays Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD

			1			
		Borrow Decrease, Barclays Capital				
Wednesday, 1 November 2017	Share Direct	Securities Ltd, See Appendix B	Ordinaryaharaa	15 000	NI/A	NZD
wednesday, i November 2017	Nominees Pty Limited	Borrow Decrease,	Ordinary shares	15,900	N/A	NZD
	Share Direct	Barclays Capital Securities Ltd, See				
Thursday, 2 November 2017	Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital				
	Share Direct	Securities Ltd, See				
Thursday, 2 November 2017	Nominees Pty Limited	Appendix B	Ordinary shares	2,900	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Thursday, 2 November 2017	Nominees Pty Limited	See Appendix B Borrow Increase, Barclays	Ordinary shares	2,900	N/A	NZD
	Share Direct	Capital Securities Ltd,				
Thursday, 2 November 2017	Nominees Pty Limited	See Appendix B Borrow Decrease,	Ordinary shares	152,045	N/A	NZD
		Barclays Capital				
Friday, 3 November 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Triday, 5 November 2017		Borrow Increase, Barclays		102,040	14/71	1425
Friday, 3 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	2,900	N/A	NZD
riday, o riovombol 2017		Borrow Increase, Barclays	,	2,000	1471	1125
Friday, 3 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Thady, o Hovember 2017	140minees 1 ty Eminee	Borrow Decrease,	Cramary criares	102,010	14/71	1123
	Share Direct	Barclays Capital Securities Ltd. See				
Friday, 3 November 2017	Nominees Pty Limited	Appendix B	Ordinary shares	2,900	N/A	NZD
		Borrow Decrease, Barclays Capital				
	Share Direct	Securities Ltd, See				
Monday, 6 November 2017	Nominees Pty Limited	Appendix B Borrow Decrease,	Ordinary shares	152,045	N/A	NZD
		Barclays Capital				
Monday, 6 November 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	2,900	N/A	NZD
menday, o norombor zon		Borrow Increase, Barclays		2,000	1,47.1	
Monday, 6 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	2,900	N/A	NZD
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		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,	, , , , , , , , , , , , , , , , , , , ,	, , , , , ,		
	Share Direct	Barclays Capital Securities Ltd, See				
Tuesday, 7 November 2017	Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Tuesday, 7 November 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	2,900	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Tuesday, 7 November 2017	Nominees Pty Limited		Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital				
Tuesday, 7 November 2017	Share Direct	Securities Ltd, See	Ordinaryaharaa	2.000	N/A	NZD
ruesuay, 7 November 2017	Nominees Pty Limited	Appendix B Borrow Decrease,	Ordinary shares	2,900	IN/A	INZD
	Share Direct	Barclays Capital Securities Ltd. See				
Wednesday, 8 November 2017	Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital				
	Share Direct	Securities Ltd, See				
Wednesday, 8 November 2017	Nominees Pty Limited	Appendix B Borrow Increase, Barclays	Ordinary shares	2,900	N/A	NZD
	Share Direct	Capital Securities Ltd,				
Wednesday, 8 November 2017	Nominees Pty Limited	See Appendix B Borrow Increase, Barclays	Ordinary shares	2,900	N/A	NZD
	Share Direct	Capital Securities Ltd,				
Wednesday, 8 November 2017	Nominees Pty Limited Citibank N A Hong	See Appendix B	Ordinary shares	152,045	N/A	NZD
Wednesday, 8 November 2017	Kong	Purchase	Ordinary shares	4,179	30,088.80	NZD
Thursday, 9 November 2017	Citibank N A Hong Kong	Sale	Ordinary shares	30,525	219,474.75	NZD
	Citicorp Nominees Pty					
Thursday, 9 November 2017	Limited (Australia)	Sale Borrow Decrease,	Ordinary shares	69,475	499,525.25	NZD
		Barclays Capital				
Thursday, 9 November 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
aroday, o Hovelindi 2017		Borrow Increase, Barclays		102,040	13/13	1120
Thursday, 9 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	2,900	N/A	NZD
maisday, o November 2017		Borrow Increase, Barclays		2,500	14//	1420
Thursday, 9 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
maisday, o November 2017	. Tominoes i ty Limited	Borrow Decrease,	Cramary snares	102,040	14//	1420
	Share Direct	Barclays Capital Securities Ltd, See				
Thursday, 9 November 2017	Nominees Pty Limited		Ordinary shares	2,900	N/A	NZD

		Borrow Decrease,				
		Barclays Capital				
Friday, 10 November 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Thuay, 10 November 2017	Norminees 1 ty Limited	Borrow Decrease,	Ordinary snares	102,040	IV/A	NZD
	Share Direct	Barclays Capital Securities Ltd, See				
Friday, 10 November 2017		Appendix B	Ordinary shares	2,900	N/A	NZD
	Oh and Dinast	Borrow Increase, Barclays				
Friday, 10 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	2,900	N/A	NZD
	•	Borrow Increase, Barclays		_,-,		
Friday, 10 November 2017	Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Thady, To November 2017	Citibank N A Hong	осс препаіх в	Ordinary snares	102,040	14/7	NED
Friday, 10 November 2017	Kong Citicorp Nominees Pty	Purchase	Ordinary shares	4,813	34,412.95	NZD
Friday, 10 November 2017	Limited (Australia)	Sale	Ordinary shares	138,198	988,115.70	NZD
F-:	Citibank N A Hong	0-1-	0	04.000	444 004 00	NZD
Friday, 10 November 2017	Kong Citicorp Nominees Pty	Sale	Ordinary shares	61,802	441,884.30	NZD
Friday, 10 November 2017	Limited (Australia)	Purchase	Ordinary shares	12,376	79,948.96	AUD
Friday, 10 November 2017	Citibank N A Hong Kong	Sale	Ordinary shares	3,793	24,464.85	AUD
	Northern Trust				,	
Friday, 10 November 2017	Company Citicorp Nominees Pty	Purchase	Ordinary shares	3,793	24,464.85	AUD
Monday, 13 November 2017	Limited (Australia)	Purchase	Ordinary shares	19,548	126,420.83	AUD
Monday, 13 November 2017	Citibank N A Hong Kong	Sale	Ordinary shares	91,458	653,988.72	NZD
	Citicorp Nominees Pty					
Monday, 13 November 2017	Limited (Australia)	Sale Borrow Decrease.	Ordinary shares	208,542	1,491,221.28	NZD
		Barclays Capital				
Manday 42 Nayambar 2017	Share Direct	Securities Ltd, See	Ordinaryaharaa	150.045	N/A	NZD
Monday, 13 November 2017	Nominees Pty Limited	Appendix B Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
Manday 40 Navarah - 20047	Share Direct	Capital Securities Ltd,		0.000	N1/A	NZD
Monday, 13 November 2017	Nominees Pty Limited	See Appendix B Borrow Increase, Barclays	Ordinary shares	2,900	N/A	NZD
	Share Direct	Capital Securities Ltd,		450.045	N1/A	1170
Monday, 13 November 2017	Nominees Pty Limited	See Appendix B Borrow Decrease,	Ordinary shares	152,045	N/A	NZD
		Barclays Capital				
Monday, 13 November 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	2,900	N/A	NZD
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Tremmeder ty zmmed	Borrow Decrease,	Cramon y cross or	_,=,=,=		
	Share Direct	Barclays Capital Securities Ltd, See				
Tuesday, 14 November 2017	Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital				
	Share Direct	Securities Ltd, See				
Tuesday, 14 November 2017	Nominees Pty Limited Citicorp Nominees Pty	Appendix B	Ordinary shares	2,900	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	Purchase	Ordinaryaharaa	2.502	16 760 60	AUD
Tuesday, 14 November 2017	Limited (Australia)	Borrow Increase, Barclays	Ordinary shares	2,503	16,769.60	AUD
	Share Direct	Capital Securities Ltd,		.===		
Tuesday, 14 November 2017	Nominees Pty Limited	See Appendix B Borrow Increase, Barclays	Ordinary shares	152,045	N/A	NZD
	Share Direct	Capital Securities Ltd,				
Wednesday, 15 November 2017	Nominees Pty Limited Northern Trust	See Appendix B	Ordinary shares	152,045	N/A	NZD
Wednesday, 15 November 2017	Company	Sale	Ordinary shares	534	3,662.92	AUD
		Borrow Decrease, Barclays Capital				
	Share Direct	Securities Ltd, See			1	
Wednesday, 15 November 2017	Nominees Pty Limited Northern Trust	Appendix B	Ordinary shares	152,045	N/A	NZD
Thursday, 16 November 2017	Company	Sale	Ordinary shares	3,259	22,498.51	AUD
		Borrow Decrease,				
	Share Direct	Barclays Capital Securities Ltd, See				
Thursday, 16 November 2017	Nominees Pty Limited	Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,	1			
Thursday, 16 November 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
	Share Direct	Borrow Increase, Barclays Capital Securities Ltd,				
Friday, 17 November 2017	Nominees Pty Limited	See Appendix B	Ordinary shares	152,045	N/A	NZD
		Borrow Decrease, Barclays Capital				
	Share Direct	Securities Ltd, See				
Friday, 17 November 2017	Nominees Pty Limited Citicorp Nominees Pty	Appendix B	Ordinary shares	152,045	N/A	NZD
Friday, 17 November 2017	Limited (Australia)	Purchase	Ordinary shares	47,698	330,723.62	AUD
		Borrow Decrease, Barclays Capital				
		Daiviavo Cabital	1	1		
	Share Direct	Securities Ltd, See				
Monday, 20 November 2017	Share Direct Nominees Pty Limited	Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Monday, 20 November 2017		Securities Ltd, See Appendix B Borrow Increase, Barclays Capital Securities Ltd,		152,045	N/A	NZD NZD

				1	
Share Direct Nominees Pty Limited	Capital Securities Ltd, See Appendix B	Ordinary shares	152,045	N/A	NZD
Share Direct	Barclays Capital Securities Ltd, See				
	Appendix B	Ordinary shares	152,045	N/A	NZD
Kong	Purchase	Ordinary shares	13,006	92,014.85	AUD
Limited (Australia)	Purchase	Ordinary shares	3,837	27,012.48	AUD
Limited (Australia)	Sale	Ordinary shares	4,960	38,571.94	NZD
Limited (Australia)	Purchase	Ordinary shares	15,177	107,029.72	AUD
Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	2,168	15,143.48	AUD
	Borrow Decrease, Barclays Capital				
Share Direct	Securities Ltd, See Appendix B	Ordinary shares	152.045	N/A	NZD
Citibank N A Hong					NZD
National Custodian		,		,	
Citicorp Nominees Pty					AUD
Citicorp Nominees Pty	Purchase	Ordinary shares	5,420	37,788.24	AUD
Limited (Australia) Citicorp Nominees Pty	Purchase	Ordinary shares	2,324	16,027.69	AUD
Limited (Australia)	Purchase	Ordinary shares	10,493	73,030.23	AUD
Limited (Australia)	Purchase Borrow Increase	Ordinary shares	34,689	243,402.31	AUD
Share Direct Nominees Pty Limited	Goldman Sachs International, See Appendix B	Ordinary shares	37,901	N/A	NZD
Citibank N A Hong Kong	Sale	Ordinary shares	41,194	316,534.70	NZD
Citibank N A Hong					NZD
Citibank N A Hong					NZD
	Borrow Increase,	Ordinary snares	13,720	122,442.04	NED
Nominees Pty Limited	International, See Appendix B	Ordinary shares	37,901	N/A	NZD
Share Direct Nominees Pty Limited	Borrow Decrease, Goldman Sachs International, See Appendix B Borrow Decrease,	Ordinary shares	37,901	N/A	NZD
Share Direct Nominees Pty Limited	International, See Appendix B	Ordinary shares	37,901	N/A	NZD
Share Direct Nominees Pty Limited	Goldman Sachs International, See Appendix B	Ordinary shares	37,901	N/A	NZD
Citicorp Nominees Pty Limited (Australia)	Purchase	Ordinary shares	4,336	30,152.11	AUD
Limited (Australia)	Purchase	Ordinary shares	13,876	96,477.05	AUD
Kong	Sale	Ordinary shares	24,944	190,322.72	NZD
Citibank N A Hong Kong	Sale	Ordinary shares	34,975	269,307.50	NZD
	Borrow Decrease, Goldman Sachs				
Share Direct Nominees Pty Limited	International, See Appendix B	Ordinary shares	37,901	N/A	NZD
Citicorp Nominees Pty	.,	,			AUD
Citicorp Nominees Pty					AUD
Citicorp Nominees Pty		,			NZD
Citibank N A Hong					
Citicorp Nominees Pty					NZD
Limited (Australia) Citicorp Nominees Pty	Purchase	Ordinary shares		37,225.83	AUD
Limited (Australia)	Sale	Ordinary shares	7,455	54,421.50	AUD
Limited (Australia)	Purchase	Ordinary shares	6,859	49,984.28	AUD
Limited (Australia)	Purchase	Ordinary shares	122,457	893,936.10	AUD
Limited (Australia)	Sale	Ordinary shares	27,220	198,706.00	AUD
Share Direct Nominees Pty Limited	Borrow Increase, Goldman Sachs International, See Appendix B	Ordinary shares	91,351	N/A	NZD
	Nominees Pty Limited Share Direct Nominees Pty Limited Citibank N A Hong Kong Citicorp Nominees Pty Limited (Australia) Share Direct Nominees Pty Limited Citibank N A Hong Kong Austroalia) Citicorp Nominees Pty Limited (Australia) Citibank N A Hong Kong Citicorp Nominees Pty Limited Citicorp Nominees Pty Limited Citicorp Nominees Pty Limited (Australia)	Share Direct Nominees Pty Limited See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Borrow Decrease, Barclays Capital Securities Ltd, See Appendix B Citicorp Nominees Pty Limited (Australia) Sale Citicorp Nominees Pty Limited (Australia) Citicorp Nomin	Nominees Pty Limited Sea Appendix B Borrow Decrease, Barclays Capital Searchy	Share Direct Nominees Pty Limited Chibank N A Hong Citibank N A Hong Sale Appendix B Share Direct Nominees Pty Limited Chibank N A Hong Citibank N A Hong Share Direct Chicop Nominees Pty Limited Chibank N A Hong Share Direct Chicop Nominees Pty Limited Chibank N A Hong Citibank N A Hong Condition Nominees Pty Limited Condition Nominees Pty Limited Citibank N A Hong Condition Nominees Pty Limited Condition Social Condi	Share Direct See Appendix B

		Borrow Decrease,				
		Goldman Sachs				
	Share Direct	International, See				
Tuesday, 12 December 2017	Nominees Pty Limited	Appendix B	Ordinary shares	91,351	N/A	NZD
	Citibank N A Hong					
Tuesday, 12 December 2017	Kong	Sale	Ordinary shares	5,763	41,877.99	AUD
T 40 D	Citibank N A Hong	0-1-	0	040.070	4 500 740 04	ALID
Tuesday, 12 December 2017	Kong	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	Sale	Ordinary snares	240,321	1,709,904.41	AUD
Tuesday, 12 December 2017	Nominees Pty Limited	Sale	Ordinary shares	16.373	118,977.68	AUD
rucsday, 12 December 2017	National Custodian	Caic	Ordinary shares	10,010	110,577.00	NOD
Tuesday, 12 December 2017	Services	Sale	Ordinary shares	70.587	512.934.55	AUD
raceaay, 12 2 ccciiisei 2011	Citibank N A Hong		oraniary enaite	. 0,00.	0.2,0000	7.02
Wednesday, 13 December 2017	Kona	Purchase	Ordinary shares	7.877	61.440.60	NZD
,	Citicorp Nominees Ptv		, , , , , , , , , , , , , , , , , , , ,	7-	,	
Wednesday, 13 December 2017	Limited (New Zealand)	Sale	Ordinary shares	7,877	61,440.60	NZD
7,	Citicorp Nominees Pty			,	,	
Thursday, 14 December 2017	Limited (New Zealand)	Purchase	Ordinary shares	811	6,447.45	NZD
•	Citibank N A Hong					
Thursday, 14 December 2017	Kong	Purchase	Ordinary shares	7,052	56,063.40	NZD
		Borrow Increase,				
	Share Direct	Goldman Sachs				
Thursday, 14 December 2017	Nominees Pty Limited	International, See	Ordinary shares	91,351	N/A	NZD
		Appendix B				
	Citibank N A Hong					
Friday, 15 December 2017	Kong	Purchase	Ordinary shares	132,999	1,061,026.12	NZD
	Citicorp Nominees Pty					
Friday, 15 December 2017	Limited (New Zealand)	Purchase	Ordinary shares	15,740	125,569.00	NZD
	Citicorp Nominees Pty					
Friday, 15 December 2017	Limited (Australia)	Purchase	Ordinary shares	20,000	144,040.00	AUD
		Borrow Decrease,				
	0. 0.	Goldman Sachs				
F-i-d 45 D	Share Direct	International, See	0	04.054	NI/A	NZD
Friday, 15 December 2017	Nominees Pty Limited	Appendix B	Ordinary shares	91,351	N/A	NZD
		Borrow Increase,				
	Share Direct	Goldman Sachs				
Monday, 18 December 2017	Nominees Pty Limited	International, See	Ordinary shares	91,351	N/A	NZD
		Appendix B				
	HSBC Bank Australia					
Tuesday, 19 December 2017	Limited	Purchase	Ordinary shares	215,704	1,561,696.96	AUD
	HSBC Bank Australia		,	,		
Tuesday, 19 December 2017	Limited	Purchase	Ordinary shares	106,295	769,575.80	AUD
Tuesday, 19 December 2017		Purchase	Ordinary shares	106,295	769,575.80	AUD

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 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 returndate):	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			