

## Disclosure of ceasing to have substantial holding

*Section 279, Financial Markets Conduct Act 2013*

**To:** New Zealand Stock Exchange  
and

**To:** KIWI PROPERTY GROUP LTD

Date this disclosure made: 06 June 2019

Date last disclosure made: 19 March 2018

Date on which substantial holding ceased: 04 June 2019

### **Substantial product holder(s) giving disclosure**

Full name(s): BlackRock, Inc. and related bodies corporate

*Summary of previous substantial holding*

Class of quoted voting products: ordinary shares

Summary for: Product holders listed in Appendix A

For **last** disclosure,—

(a) total number held in class: 71,147,019

(b) total in class: 1,420,414,825

(c) total percentage held in class: 5.009%

For current holding **after** ceasing to have substantial holding,—

(a) total number held in class: 71,600,525

(b) total in class: 1,432,819,563

(c) total percentage held in class: 4.997%

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

Details of the transactions or other events requiring disclosure: Refer to Appendix B

### **Additional information**

Address(es) of substantial product holder(s): Refer to Appendix A

Contact details: Kayla Mulvihill, Tel +1-302-797-6268, Email  
kayla.mulvihill@blackrock.com

Nature of connection between substantial product holders: Refer to Appendix A

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, Kayla Mulvihill, 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.

Holder of Relevant Interests	Total Held in Class				Nature of Association	Address
	Class	CCY	Number of Securities	%		
BlackRock (Netherlands) B.V.	ord	NZD	195,133	0.014%	subsidiary of BlackRock Inc.	Rembrandt Tower, 17th floor Amstelplein Amsterdam
BlackRock Advisors (UK) Limited	ord	NZD	8,982,213	0.627%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Advisors, LLC	ord	NZD	1,934,226	0.135%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801.
BlackRock Asset Management Canada Limited	ord	NZD	2,045,081	0.143%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1
BlackRock Asset Management North Asia Limited	ord	NZD	64,407	0.004%	subsidiary of BlackRock Inc.	16/F, Cheung Kong Center No. 2 Queen's Road Central
BlackRock Financial Management, Inc.	ord	NZD	79,501	0.006%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801.
BlackRock Fund Advisors	ord	NZD	24,614,778	1.718%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	CFD	NZD	171,931	0.012%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	ord	NZD	25,765,271	1.798%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	ord	NZD	732,136	0.051%	subsidiary of BlackRock Inc.	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom
BlackRock Investment Management (Australia) Limited	ord	NZD	369,494	0.026%	subsidiary of BlackRock Inc.	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria).
BlackRock Investment Management (UK) Limited	ord	NZD	6,590,630	0.460%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Japan Co., Ltd.	ord	NZD	55,724	0.004%	subsidiary of BlackRock Inc.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)

## KIWI PROPERTY GROUP LTD

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
16-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord -5,419	-5,419
16-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.36	ord 70,072	70,072
16-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.36	ord 262,770	262,770
19-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.36	ord 17,518	17,518
19-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord -5,419	-5,419
19-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord -10,553	-10,553
19-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord -3,888	-3,888
20-Mar-18	BlackRock Fund Advisors	on mkt buy	1.36	ord 10,709	10,709
20-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord -27,080	-27,080
20-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord -5,416	-5,416
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord 5,415	5,415
21-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord -10,830	-10,830
21-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord -6,737	-6,737
22-Mar-18	BlackRock Asset Management Canada Limited	on mkt buy	1.37	ord 75,481	75,481
22-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.37	ord 224,519	224,519
22-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord -12,027	-12,027
22-Mar-18	BlackRock Asset Management Canada Limited	on mkt buy	1.37	ord 66,031	66,031
22-Mar-18	BlackRock Fund Advisors	on mkt sell	1.37	ord -15,840	-15,840
22-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.37	ord 196,405	196,405
22-Mar-18	BlackRock Fund Advisors	in specie	n/a	ord -75,103	-75,103
22-Mar-18	BlackRock Fund Advisors	in specie	n/a	ord 8,215	8,215
23-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord -5,434	-5,434
23-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord 3,888	3,888
23-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord 10,553	10,553
26-Mar-18	BlackRock Fund Advisors	on mkt buy	1.34	ord 5,382	5,382
26-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord -5,435	-5,435
27-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord -5,436	-5,436
27-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord -5,436	-5,436
27-Mar-18	BlackRock Advisors (UK) Limited	on mkt buy	1.35	ord 47,490	47,490
27-Mar-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord -1,824	-1,824
27-Mar-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord 1,824	1,824
27-Mar-18	BlackRock Fund Advisors	in specie	n/a	ord -138,150	-138,150
29-Mar-18	BlackRock Japan Co., Ltd.	on mkt buy	1.36	ord 1,927	1,927
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord -12,032	-12,032
29-Mar-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord -5,421	-5,421
29-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.34	ord 16,394	16,394
29-Mar-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.34	ord -263,999	-263,999
29-Mar-18	BlackRock Fund Advisors	on mkt buy	1.34	ord 25,471	25,471
29-Mar-18	BlackRock Advisors, LLC	on mkt sell	1.34	ord -50,374	-50,374
29-Mar-18	BlackRock Fund Advisors	in specie	n/a	ord 6,780	6,780
03-Apr-18	BlackRock Japan Co., Ltd.	on mkt sell	1.33	ord -2,596	-2,596
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord -5,432	-5,432
04-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord -10,864	-10,864
04-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord -75,194	-75,194
05-Apr-18	BlackRock Fund Advisors	on mkt buy	1.35	ord 7,160	7,160
05-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord -5,434	-5,434
05-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord 8,550	8,550
05-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord 76,750	76,750
09-Apr-18	BlackRock Fund Advisors	on mkt buy	1.34	ord 6,288	6,288
10-Apr-18	BlackRock Fund Advisors	on mkt buy	1.34	ord 18,564	18,564
10-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord 8,550	8,550
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord 26,186	26,186

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	14,006	14,006
10-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	19,329	19,329
12-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord	-12,050	-12,050
12-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord	-12,050	-12,050
12-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	227,238	227,238
12-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	6,572	6,572
13-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.35	ord	15,450	15,450
16-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	75,746	75,746
16-Apr-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-5,029	-5,029
17-Apr-18	BlackRock Investment Management (UK) Limited	on mkt sell	1.33	ord	-182,667	-182,667
17-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.33	ord	-5,428	-5,428
17-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	61,400	61,400
17-Apr-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	-7,857	-7,857
18-Apr-18	BlackRock Advisors, LLC	on mkt buy	1.34	ord	87,497	87,497
18-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord	-10,856	-10,856
18-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord	-5,428	-5,428
19-Apr-18	BlackRock Fund Advisors	on mkt buy	1.34	ord	8,552	8,552
19-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord	-10,856	-10,856
19-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord	-24,026	-24,026
19-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	-227,652	-227,652
20-Apr-18	BlackRock Fund Advisors	on mkt sell	1.33	ord	-45,165	-45,165
20-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	61,400	61,400
23-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.33	ord	-12,013	-12,013
23-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord	-5,427	-5,427
23-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord	-5,427	-5,427
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	8,825	8,825
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	17,040	17,040
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	32,376	32,376
23-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	-75,118	-75,118
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.33	ord	-5,427	-5,427
24-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.33	ord	-10,854	-10,854
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	34,080	34,080
24-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	9,858	9,858
25-Apr-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-10,717	-10,717
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	107,450	107,450
26-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	1.33	ord	17,052	17,052
26-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	1.33	ord	9,396	9,396
26-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	1.33	ord	12,725	12,725
26-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.33	ord	-12,727	-12,727
26-Apr-18	BlackRock Advisors (UK) Limited	on mkt sell	1.33	ord	-5,670	-5,670
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	2,118	2,118
26-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	-225,354	-225,354
27-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	1.34	ord	5,427	5,427
27-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	6,572	6,572
30-Apr-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.36	ord	199,112	199,112
30-Apr-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	1,689	1,689
30-Apr-18	BlackRock Fund Advisors	in specie	n/a	ord	225,354	225,354
02-May-18	BlackRock Fund Advisors	in specie	n/a	ord	2,464	2,464
02-May-18	BlackRock Fund Advisors	in specie	n/a	ord	-9,858	-9,858
04-May-18	BlackRock Advisors (UK) Limited	on mkt sell	1.33	ord	-12,746	-12,746
08-May-18	BlackRock Japan Co., Ltd.	on mkt buy	1.34	ord	23,393	23,393
09-May-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord	-10,858	-10,858
09-May-18	BlackRock Fund Advisors	in specie	n/a	ord	9,858	9,858
09-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-36,497	-36,497
10-May-18	BlackRock Japan Co., Ltd.	on mkt buy	1.36	ord	8,277	8,277
10-May-18	BlackRock Fund Advisors	in specie	n/a	ord	61,400	61,400
10-May-18	BlackRock Fund Advisors	in specie	n/a	ord	8,215	8,215
11-May-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	80,337	80,337
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	1,404	1,404
11-May-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	12,734	12,734
11-May-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-5,429	-5,429
11-May-18	BlackRock Fund Advisors	in specie	n/a	ord	9,361	9,361
11-May-18	BlackRock Fund Advisors	in specie	n/a	ord	92,100	92,100

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
14-May-18	BlackRock Fund Advisors	in specie	n/a	ord	4,255	4,255
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord	-5,429	-5,429
15-May-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord	-38,235	-38,235
15-May-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	36,497	36,497
17-May-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-5,429	-5,429
17-May-18	BlackRock Fund Advisors	in specie	n/a	ord	61,400	61,400
18-May-18	BlackRock Advisors (UK) Limited	on mkt sell	1.39	ord	-5,429	-5,429
18-May-18	BlackRock Fund Advisors	in specie	n/a	ord	6,808	6,808
21-May-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord	-12,713	-12,713
21-May-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord	-92,293	-92,293
21-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord	10,033	10,033
21-May-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-2,142	-2,142
23-May-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	12,720	12,720
23-May-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	12,720	12,720
25-May-18	BlackRock Fund Advisors	in specie	n/a	ord	62,434	62,434
25-May-18	BlackRock Fund Advisors	in specie	n/a	ord	61,400	61,400
29-May-18	BlackRock Asset Management Canada Limited	on mkt buy	1.39	ord	117,755	117,755
29-May-18	BlackRock Fund Advisors	on mkt buy	1.40	ord	353,050	353,050
29-May-18	BlackRock Fund Advisors	in specie	n/a	ord	83,793	83,793
30-May-18	BlackRock Advisors (UK) Limited	on mkt buy	1.40	ord	5,429	5,429
30-May-18	BlackRock Fund Advisors	in specie	n/a	ord	46,004	46,004
30-May-18	BlackRock Fund Advisors	in specie	n/a	ord	61,400	61,400
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.41	ord	15,846	15,846
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.41	ord	50,957	50,957
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.41	ord	1,581	1,581
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.41	ord	5,088	5,088
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	1.41	ord	44,930	44,930
31-May-18	BlackRock Investment Management (UK) Limited	on mkt buy	1.41	ord	13,973	13,973
31-May-18	BlackRock (Netherlands) B.V.	on mkt sell	1.41	ord	-31,400	-31,400
31-May-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.41	ord	189,702	189,702
31-May-18	BlackRock Fund Advisors	on mkt sell	1.41	ord	-189,702	-189,702
31-May-18	BlackRock Fund Advisors	in specie	n/a	ord	6,572	6,572
01-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	1.39	ord	5,429	5,429
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	1,419	1,419
05-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-10,860	-10,860
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	ord	71,848	71,848
05-Jun-18	BlackRock Fund Advisors	in specie	n/a	ord	173,349	173,349
06-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-10,860	-10,860
06-Jun-18	BlackRock Fund Advisors	in specie	n/a	ord	2,046	2,046
07-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord	-92,310	-92,310
07-Jun-18	BlackRock Fund Advisors	in specie	n/a	ord	2,387	2,387
08-Jun-18	BlackRock Fund Advisors	in specie	n/a	ord	8,215	8,215
11-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord	-5,429	-5,429
15-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	1.35	ord	2,856	2,856
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	1.35	ord	-1,669	-1,669
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	1.35	ord	-24,477	-24,477
15-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.35	ord	-3,346	-3,346
15-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.35	ord	-25,472	-25,472
15-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	1.35	ord	54,964	54,964
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	1.35	ord	-4,884	-4,884
15-Jun-18	BlackRock Investment Management (Australia) Limited	on mkt sell	1.35	ord	-71,622	-71,622
15-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.35	ord	-9,792	-9,792
15-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.35	ord	-74,528	-74,528
15-Jun-18	BlackRock Fund Advisors	in specie	n/a	ord	-17,802	-17,802

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
18-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.36	ord	-323,937	-323,937
19-Jun-18	BlackRock Fund Advisors	on mkt sell	1.35	ord	-68,271	-68,271
19-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord	-10,860	-10,860
19-Jun-18	BlackRock Fund Advisors	in specie	n/a	ord	-110,313	-110,313
21-Jun-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-1,450	-1,450
25-Jun-18	BlackRock Fund Advisors	on mkt buy	1.36	ord	7,582	7,582
25-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord	-13,160	-13,160
25-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	10,860	10,860
25-Jun-18	BlackRock Fund Advisors	in specie	n/a	ord	3,360	3,360
26-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	76,020	76,020
26-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-13,154	-13,154
27-Jun-18	BlackRock Advisors (UK) Limited	on mkt buy	1.35	ord	16,293	16,293
27-Jun-18	BlackRock Fund Advisors	in specie	n/a	ord	6,496	6,496
27-Jun-18	BlackRock Fund Advisors	in specie	n/a	ord	70,819	70,819
28-Jun-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord	-5,432	-5,432
28-Jun-18	BlackRock Fund Advisors	in specie	n/a	ord	70,819	70,819
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.35	ord	92,435	92,435
29-Jun-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.35	ord	-169,447	-169,447
29-Jun-18	BlackRock Fund Advisors	in specie	n/a	ord	3,685	3,685
03-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	3,248	3,248
05-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.37	ord	154,695	154,695
05-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-5,430	-5,430
05-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	70,819	70,819
05-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	-46,791	-46,791
06-Jul-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.37	ord	108,394	108,394
06-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	8,120	8,120
06-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	141,638	141,638
09-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	13,145	13,145
09-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	4,872	4,872
11-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	21,720	21,720
12-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt buy	1.36	ord	100,256	100,256
12-Jul-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	2,144	2,144
16-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	6,351	6,351
16-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	6,496	6,496
19-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord	-48,870	-48,870
20-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	-141,638	-141,638
23-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord	-10,858	-10,858
23-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	31,196	31,196
23-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	8,120	8,120
24-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord	-1,469	-1,469
25-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord	-13,154	-13,154
25-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	93,588	93,588
26-Jul-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-34,239	-34,239
27-Jul-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord	-5,430	-5,430
27-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	6,496	6,496
30-Jul-18	BlackRock Investment Management (Australia) Limited	on mkt sell	1.34	ord	-24,643	-24,643
30-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	12,992	12,992
31-Jul-18	BlackRock Advisors, LLC	on mkt buy	1.35	ord	103,536	103,536
31-Jul-18	BlackRock Fund Advisors	in specie	n/a	ord	2,310	2,310
31-Jul-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	-3,114	-3,114
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	2,144	2,144
01-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	2,594	2,594
01-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	2,640	2,640
02-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	16,290	16,290
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	12,495	12,495
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	16,660	16,660
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	-31,196	-31,196
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	43,848	43,848
02-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	-17,802	-17,802
03-Aug-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-11,899	-11,899
06-Aug-18	BlackRock Japan Co., Ltd.	on mkt buy	1.36	ord	10,617	10,617
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	12,495	12,495

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	-124,784	-124,784
06-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	-31,196	-31,196
07-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	-46,794	-46,794
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	5,430	5,430
08-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	5,430	5,430
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	-31,196	-31,196
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	8,120	8,120
08-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	-109,186	-109,186
09-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	3,300	3,300
09-Aug-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	11,899	11,899
09-Aug-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-10,813	-10,813
10-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	6,600	6,600
10-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	-141,638	-141,638
10-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	11,368	11,368
15-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	46,794	46,794
16-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-13,161	-13,161
17-Aug-18	BlackRock Asset Management Canada Limited	on mkt buy	1.37	ord	134,868	134,868
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	1,297	1,297
17-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	13,154	13,154
20-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	47,096	47,096
21-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-13,156	-13,156
22-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	8,120	8,120
24-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-10,842	-10,842
29-Aug-18	BlackRock Advisors, LLC	on mkt buy	1.38	ord	109,432	109,432
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-13,136	-13,136
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	13,136	13,136
29-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-5,421	-5,421
29-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	-141,638	-141,638
30-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	26,284	26,284
30-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	8,120	8,120
30-Aug-18	BlackRock Fund Advisors	in specie	n/a	ord	-171,578	-171,578
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.38	ord	519,603	519,603
31-Aug-18	BlackRock Fund Advisors	on mkt buy	1.38	ord	3,496	3,496
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	52,612	52,612
31-Aug-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-13,153	-13,153
31-Aug-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.38	ord	173,201	173,201
31-Aug-18	BlackRock Fund Advisors	on mkt buy	1.38	ord	1,164	1,164
04-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	1.38	ord	-87,847	-87,847
04-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.38	ord	17,606	17,606
04-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.38	ord	10,019	10,019
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-5,421	-5,421
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-10,842	-10,842
04-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	13,171	13,171
05-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	1.38	ord	-16,769	-16,769
05-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	8,250	8,250
06-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-5,421	-5,421
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-14,755	-14,755
06-Sep-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-8,369	-8,369
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	3,300	3,300
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	18,326	18,326
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	14,161	14,161
07-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	70,899	70,899
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	3,960	3,960
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	496,293	496,293
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	-46,794	-46,794
10-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	-124,784	-124,784
11-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-5,421	-5,421
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	141,798	141,798
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	283,596	283,596
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	8,120	8,120
11-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	-47,472	-47,472
12-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	-140,382	-140,382



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
14-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-2,594	-2,594
14-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.38	ord	41,089	41,089
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	8,369	8,369
14-Sep-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	14,755	14,755
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	8,120	8,120
14-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	-31,196	-31,196
17-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-5,188	-5,188
18-Sep-18	BlackRock Fund Advisors	on mkt buy	1.38	ord	8,841	8,841
18-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	1.39	ord	3,423	3,423
18-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	1.39	ord	-13,184	-13,184
20-Sep-18	BlackRock Fund Advisors	on mkt buy	1.39	ord	13,331	13,331
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	1.40	ord	1,297	1,297
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	1.40	ord	-10,842	-10,842
21-Sep-18	BlackRock Investment Management (Australia) Limited	on mkt sell	1.40	ord	-8,241	-8,241
21-Sep-18	BlackRock Japan Co., Ltd.	on mkt sell	1.40	ord	-1,587	-1,587
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	1.40	ord	-181,533	-181,533
21-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	1.40	ord	-46,436	-46,436
24-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	-93,588	-93,588
25-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.42	ord	-36,342	-36,342
26-Sep-18	BlackRock Japan Co., Ltd.	on mkt buy	1.42	ord	1,705	1,705
26-Sep-18	BlackRock Fund Advisors	on mkt sell	1.41	ord	-61,000	-61,000
26-Sep-18	BlackRock Advisors (UK) Limited	on mkt buy	1.41	ord	2,594	2,594
26-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	3,332	3,332
27-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	1.40	ord	-12,666	-12,666
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	2,970	2,970
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	-11,868	-11,868
27-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	-62,392	-62,392
28-Sep-18	BlackRock Fund Advisors	on mkt buy	1.40	ord	14,630	14,630
28-Sep-18	BlackRock Advisors (UK) Limited	on mkt sell	1.39	ord	-5,421	-5,421
28-Sep-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.39	ord	-13,074	-13,074
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	30,821	30,821
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	12,495	12,495
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	-142,820	-142,820
28-Sep-18	BlackRock Fund Advisors	in specie	n/a	ord	7,815	7,815
01-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	1.40	ord	1,297	1,297
01-Oct-18	BlackRock Japan Co., Ltd.	on mkt sell	1.40	ord	-12,459	-12,459
01-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord	6,252	6,252
03-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord	-31,196	-31,196
04-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord	7,815	7,815
04-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord	-6,351	-6,351
05-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord	21,658	21,658
08-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord	4,689	4,689
08-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord	-71,410	-71,410
09-Oct-18	BlackRock Fund Advisors	on mkt buy	1.39	ord	13,986	13,986
09-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.38	ord	124,168	124,168
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-5,421	-5,421
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-54,210	-54,210
09-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	1,297	1,297
09-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord	23,430	23,430
10-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-37,986	-37,986
10-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-27,105	-27,105
10-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-37,986	-37,986
10-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord	-214,839	-214,839
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-4,149	-4,149
10-Oct-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-11,633	-11,633
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	184,487	184,487
11-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	19,455	19,455
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord	33,000	33,000
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord	4,689	4,689
11-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord	-62,392	-62,392
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord	-5,421	-5,421
12-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord	-5,421	-5,421
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	-4,352	-4,352

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord 4,352	4,352
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord 44,571	44,571
12-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord -44,571	-44,571
15-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord 3,126	3,126
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord 1,079	1,079
16-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord -21,684	-21,684
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord 29,700	29,700
16-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord 17,802	17,802
17-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.36	ord 131,112	131,112
17-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord 2,594	2,594
17-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord -10,842	-10,842
18-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.36	ord 117,412	117,412
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord 4,149	4,149
18-Oct-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord 11,633	11,633
18-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord -46,794	-46,794
19-Oct-18	BlackRock Advisors, LLC	in specie	n/a	ord 19,238	19,238
19-Oct-18	BlackRock Advisors, LLC	in specie	n/a	ord 171,508	171,508
19-Oct-18	BlackRock Advisors, LLC	in specie	n/a	ord 233,462	233,462
19-Oct-18	BlackRock Advisors, LLC	in specie	n/a	ord 71,640	71,640
19-Oct-18	BlackRock Advisors, LLC	in specie	n/a	ord 5,458	5,458
19-Oct-18	BlackRock Fund Advisors	on mkt buy	1.36	ord 8,676	8,676
19-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord -5,421	-5,421
23-Oct-18	BlackRock Fund Advisors	on mkt buy	1.35	ord 10,165	10,165
23-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord -5,421	-5,421
24-Oct-18	BlackRock Japan Co., Ltd.	on mkt buy	1.35	ord 891	891
24-Oct-18	BlackRock Advisors (UK) Limited	on mkt buy	1.33	ord 2,594	2,594
24-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord 17,802	17,802
26-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord -6,351	-6,351
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.32	ord -38,079	-38,079
29-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.31	ord -21,684	-21,684
29-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord 7,260	7,260
30-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.31	ord -10,842	-10,842
30-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord -71,899	-71,899
31-Oct-18	BlackRock Asset Management Canada Limited	on mkt sell	1.32	ord -134,981	-134,981
31-Oct-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.32	ord -168,444	-168,444
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.32	ord -5,421	-5,421
31-Oct-18	BlackRock Advisors (UK) Limited	on mkt sell	1.32	ord -5,421	-5,421
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord 9,240	9,240
31-Oct-18	BlackRock Fund Advisors	in specie	n/a	ord -20,825	-20,825
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	1.32	ord -12,767	-12,767
01-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	1.32	ord 12,767	12,767
01-Nov-18	BlackRock Japan Co., Ltd.	on mkt sell	1.32	ord -33,642	-33,642
01-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord -143,798	-143,798
02-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	1.33	ord 70,486	70,486
02-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.33	ord -38,735	-38,735
02-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord -12,702	-12,702
05-Nov-18	BlackRock Fund Advisors	on mkt sell	1.32	ord -5,020	-5,020
07-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord -5,422	-5,422
07-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord -2,320	-2,320
08-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord -5,422	-5,422
08-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.34	ord -23,653	-23,653
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord -71,819	-71,819
08-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord 7,815	7,815
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord 6,580	6,580
09-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord 3,290	3,290
13-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord 72,455	72,455
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord -5,422	-5,422
13-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord -5,422	-5,422

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
14-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	1.35	ord	1,297	1,297
14-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	2,320	2,320
15-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	1.35	ord	2,158	2,158
15-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	7,815	7,815
15-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	9,378	9,378
16-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord	-5,422	-5,422
16-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	8,554	8,554
19-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	1.35	ord	1,297	1,297
19-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	3,290	3,290
20-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	-109,186	-109,186
21-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-12,746	-12,746
21-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	2,904	2,904
21-Nov-18	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	-18,446	-18,446
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-33,190	-33,190
21-Nov-18	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-19,073	-19,073
22-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	1.39	ord	101,192	101,192
23-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	1.38	ord	100,000	100,000
23-Nov-18	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-51,789	-51,789
26-Nov-18	BlackRock Investment Management (UK) Limited	on mkt buy	1.38	ord	157,293	157,293
26-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.38	ord	346,698	346,698
26-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	5,422	5,422
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	2,632	2,632
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	-71,819	-71,819
27-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	7,815	7,815
28-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	37,954	37,954
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	6,251	6,251
28-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	15,630	15,630
29-Nov-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-5,422	-5,422
29-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	16,266	16,266
29-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	7,815	7,815
29-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	-6,351	-6,351
30-Nov-18	BlackRock Fund Advisors	on mkt sell	1.38	ord	-659,102	-659,102
30-Nov-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.38	ord	-139,000	-139,000
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	1.39	ord	12,731	12,731
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	59,642	59,642
30-Nov-18	BlackRock Advisors (UK) Limited	on mkt buy	1.39	ord	5,422	5,422
30-Nov-18	BlackRock Investment Management (Australia) Limited	on mkt buy	1.39	ord	8,228	8,228
30-Nov-18	BlackRock Fund Advisors	in specie	n/a	ord	12,504	12,504
03-Dec-18	BlackRock Japan Co., Ltd.	on mkt sell	1.36	ord	-1,771	-1,771
03-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	38,208	38,208
03-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	9,378	9,378
04-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.36	ord	7,653	7,653
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	12,743	12,743
04-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	1.36	ord	-5,422	-5,422
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	2,184	2,184
06-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	37,954	37,954
06-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt buy	1.37	ord	25,631	25,631
06-Dec-18	BlackRock Japan Co., Ltd.	on mkt sell	1.37	ord	-1,647	-1,647
06-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	71,819	71,819
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	25,520	25,520
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.37	ord	3,276	3,276
07-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-5,422	-5,422
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	12,771	12,771
10-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	1,297	1,297
10-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	2,904	2,904
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	88,650	88,650
11-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	29,550	29,550
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	2,184	2,184
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	1,297	1,297
12-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-12,770	-12,770

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
12-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	7,815	7,815
13-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.36	ord	2,594	2,594
13-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	-21,882	-21,882
14-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord	-12,771	-12,771
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	7,815	7,815
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	5,808	5,808
17-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	59,100	59,100
18-Dec-18	BlackRock Fund Advisors	on mkt sell	1.34	ord	-72,423	-72,423
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.34	ord	1,297	1,297
18-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord	-12,792	-12,792
19-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.39	ord	5,460	5,460
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.35	ord	4,368	4,368
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.35	ord	5,422	5,422
20-Dec-18	BlackRock Advisors (UK) Limited	on mkt buy	1.35	ord	12,782	12,782
20-Dec-18	BlackRock (Netherlands) B.V.	on mkt buy	1.35	ord	10,555	10,555
21-Dec-18	BlackRock Fund Advisors	on mkt buy	1.36	ord	4,584	4,584
21-Dec-18	BlackRock Investment Management (Australia) Limited	on mkt buy	1.35	ord	34,899	34,899
21-Dec-18	BlackRock Institutional Trust Company, National Association	on mkt sell	1.35	ord	-110,064	-110,064
21-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	16,440	16,440
24-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	15,480	15,480
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	17,802	17,802
27-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	-70,725	-70,725
28-Dec-18	BlackRock Advisors, LLC	on mkt sell	1.37	ord	-90,163	-90,163
28-Dec-18	BlackRock Advisors (UK) Limited	on mkt sell	1.37	ord	-5,422	-5,422
28-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	7,740	7,740
28-Dec-18	BlackRock Fund Advisors	in specie	n/a	ord	18,576	18,576
31-Dec-18	BlackRock Financial Management, Inc.	in specie	n/a	ord	7,959	7,959
31-Dec-18	BlackRock Financial Management, Inc.	in specie	n/a	ord	-7,959	-7,959
02-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	15,480	15,480
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.34	ord	1,297	1,297
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.34	ord	2,594	2,594
03-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.34	ord	2,594	2,594
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	-212,175	-212,175
03-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	35,604	35,604
04-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.34	ord	44,741	44,741
04-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	1.34	ord	-12,778	-12,778
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	14,445	14,445
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	9,288	9,288
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	43,785	43,785
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	43,785	43,785
04-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	5,808	5,808
07-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	1.36	ord	2,654	2,654
07-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	1.35	ord	-25,578	-25,578
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.35	ord	111,956	111,956
08-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.35	ord	7,326	7,326
08-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	4,494	4,494
09-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	12,384	12,384
10-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	179,060	179,060
10-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	3,872	3,872
10-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	87,570	87,570
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	269,934	269,934
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	1.39	ord	-5,422	-5,422
11-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	1.39	ord	-5,422	-5,422
14-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	1.38	ord	-5,422	-5,422
14-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	9,288	9,288
15-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	25,902	25,902
15-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	12,384	12,384
16-Jan-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	244,777	244,777
16-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.39	ord	12,961	12,961
16-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	13,152	13,152
17-Jan-19	BlackRock Fund Advisors	on mkt buy	1.39	ord	45,720	45,720
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.39	ord	259,300	259,300
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.39	ord	27,110	27,110
17-Jan-19	BlackRock Advisors (UK) Limited	on mkt sell	1.39	ord	-6,485	-6,485

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17-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.39	ord	18,049	18,049
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	3,852	3,852
17-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	-32,880	-32,880
18-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.40	ord	13,046	13,046
18-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	-23,820	-23,820
21-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.40	ord	26,100	26,100
22-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.39	ord	13,058	13,058
23-Jan-19	BlackRock Japan Co., Ltd.	on mkt buy	1.40	ord	834	834
23-Jan-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.40	ord	1,764	1,764
24-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.38	ord	52,284	52,284
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	-14,796	-14,796
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	-7,398	-7,398
24-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	5,934	5,934
25-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.40	ord	13,078	13,078
28-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.40	ord	32,532	32,532
29-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.41	ord	13,090	13,090
29-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	11,116	11,116
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	107,967	107,967
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	-23,736	-23,736
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	31,755	31,755
30-Jan-19	BlackRock Fund Advisors	in specie	n/a	ord	25,404	25,404
31-Jan-19	BlackRock Advisors (UK) Limited	on mkt buy	1.42	ord	5,461	5,461
01-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.43	ord	1,297	1,297
01-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.43	ord	10,844	10,844
01-Feb-19	BlackRock Investment Management (Australia) Limited	on mkt sell	1.43	ord	-40,411	-40,411
05-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.43	ord	1,635	1,635
05-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	3,176	3,176
05-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	9,528	9,528
07-Feb-19	BlackRock Japan Co., Ltd.	on mkt sell	1.44	ord	-1,814	-1,814
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	141,450	141,450
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	-87,570	-87,570
07-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	7,940	7,940
08-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.44	ord	26,172	26,172
08-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	282,900	282,900
11-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.45	ord	1,297	1,297
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	70,725	70,725
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	7,744	7,744
12-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	12,704	12,704
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	1.43	ord	-68,400	-68,400
13-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	1.43	ord	-21,688	-21,688
14-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	1.44	ord	-169,213	-169,213
14-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	1.44	ord	-176,688	-176,688
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	7,940	7,940
14-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	-43,785	-43,785
15-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	15,880	15,880
15-Feb-19	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-12,110	-12,110
19-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	1.41	ord	-5,498	-5,498
19-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.41	ord	12,970	12,970
19-Feb-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-30,812	-30,812
20-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	1.42	ord	-5,421	-5,421
20-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.42	ord	1,297	1,297
21-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.42	ord	177,365	177,365
21-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.42	ord	74,323	74,323
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.41	ord	12,739	12,739
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt sell	1.41	ord	-12,739	-12,739
22-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.41	ord	2,594	2,594
22-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	17,262	17,262
25-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	1.41	ord	137,078	137,078
25-Feb-19	BlackRock Fund Advisors	in specie	n/a	ord	19,728	19,728
27-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.41	ord	48,676	48,676
27-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.41	ord	6,485	6,485
28-Feb-19	BlackRock Japan Co., Ltd.	on mkt sell	1.41	ord	-1,006	-1,006

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28-Feb-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.41	ord	-189,134	-189,134
28-Feb-19	BlackRock Fund Advisors	on mkt sell	1.41	ord	-101,598	-101,598
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.42	ord	25,502	25,502
28-Feb-19	BlackRock Advisors (UK) Limited	on mkt buy	1.41	ord	12,970	12,970
28-Feb-19	BlackRock Investment Management (UK) Limited	on mkt buy	1.41	ord	54,259	54,259
01-Mar-19	BlackRock Asset Management Canada Limited	on mkt buy	1.42	ord	128,631	128,631
01-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.42	ord	2,594	2,594
01-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	-11,868	-11,868
01-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	12,704	12,704
04-Mar-19	BlackRock Advisors, LLC	on mkt buy	1.43	ord	136,426	136,426
04-Mar-19	BlackRock Fund Advisors	on mkt buy	1.43	ord	58,550	58,550
05-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	1.43	ord	22,765	22,765
05-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.43	ord	1,297	1,297
06-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	1.43	ord	6,921	6,921
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.43	ord	12,747	12,747
06-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	1.43	ord	-126,895	-126,895
06-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.43	ord	25,494	25,494
06-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	23,838	23,838
07-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.44	ord	114,675	114,675
07-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	1.44	ord	-76,596	-76,596
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	-158,775	-158,775
07-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	-19,053	-19,053
08-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.42	ord	12,745	12,745
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	15,618	15,618
08-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	-11,868	-11,868
11-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.42	ord	12,748	12,748
12-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	20,550	20,550
13-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	1.43	ord	-5,421	-5,421
13-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	3,288	3,288
13-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	8,190	8,190
14-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	13,104	13,104
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.43	ord	-319,191	-319,191
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.43	ord	-109,455	-109,455
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.43	ord	-556,146	-556,146
15-Mar-19	BlackRock Advisors, LLC	on mkt sell	1.43	ord	-174,927	-174,927
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.43	ord	12,742	12,742
15-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.43	ord	1,297	1,297
15-Mar-19	BlackRock Japan Co., Ltd.	on mkt buy	1.43	ord	2,532	2,532
15-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.43	ord	176,875	176,875
15-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	45,210	45,210
18-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	50,778	50,778
19-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	4,815	4,815
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	32,880	32,880
20-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	9,828	9,828
22-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	55,692	55,692
25-Mar-19	BlackRock Fund Advisors	on mkt buy	1.43	ord	4,922	4,922
25-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.44	ord	12,746	12,746
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	29,592	29,592
25-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	10,686	10,686
26-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	-11,868	-11,868
27-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.48	ord	10,842	10,842
27-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	11,466	11,466
29-Mar-19	BlackRock Fund Advisors	on mkt buy	1.48	ord	5,334	5,334
29-Mar-19	BlackRock Asset Management Canada Limited	on mkt sell	1.48	ord	-115,749	-115,749
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.48	ord	-504,565	-504,565
29-Mar-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.48	ord	-181,083	-181,083
29-Mar-19	BlackRock Advisors, LLC	on mkt sell	1.48	ord	-98,292	-98,292
29-Mar-19	BlackRock Advisors (UK) Limited	on mkt sell	1.49	ord	-21,684	-21,684
29-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.49	ord	1,297	1,297

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29-Mar-19	BlackRock Advisors (UK) Limited	on mkt buy	1.49	ord	11,436	11,436
29-Mar-19	BlackRock Fund Advisors	in specie	n/a	ord	6,420	6,420
01-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	1.50	ord	38,286	38,286
01-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	4,914	4,914
02-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.51	ord	173,854	173,854
02-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	1.51	ord	12,761	12,761
02-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	3,210	3,210
02-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	141,764	141,764
02-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	12,702	12,702
02-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	13,104	13,104
03-Apr-19	BlackRock Japan Co., Ltd.	on mkt buy	1.51	ord	9,901	9,901
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	1.51	ord	12,765	12,765
03-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	1.51	ord	5,422	5,422
03-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	9,828	9,828
04-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	1.50	ord	191,543	191,543
04-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	1.50	ord	-5,422	-5,422
05-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	-11,868	-11,868
08-Apr-19	BlackRock Fund Advisors	on mkt buy	1.49	ord	9,399	9,399
08-Apr-19	BlackRock Investment Management (UK) Limited	on mkt buy	1.49	ord	265,974	265,974
08-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	1.49	ord	70,486	70,486
08-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	1.49	ord	27,110	27,110
08-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	1.49	ord	-12,768	-12,768
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	3,852	3,852
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	28,770	28,770
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	-284,092	-284,092
08-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	-213,069	-213,069
09-Apr-19	BlackRock Fund Advisors	on mkt buy	1.49	ord	51,535	51,535
09-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	11,466	11,466
09-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	-57,888	-57,888
10-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	-143,764	-143,764
11-Apr-19	BlackRock Fund Advisors	on mkt buy	1.48	ord	4,885	4,885
12-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	1.49	ord	5,422	5,422
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	23,838	23,838
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	287,864	287,864
12-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	143,932	143,932
16-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	1.51	ord	25,530	25,530
16-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	1.51	ord	5,422	5,422
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	32,880	32,880
16-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	6,552	6,552
17-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	1.49	ord	-36,553	-36,553
17-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.49	ord	-155,673	-155,673
17-Apr-19	BlackRock Asset Management Canada Limited	on mkt sell	1.49	ord	-16,504	-16,504
17-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.49	ord	-70,280	-70,280
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	1.50	ord	12,772	12,772
17-Apr-19	BlackRock Advisors (UK) Limited	on mkt buy	1.50	ord	2,876	2,876
18-Apr-19	BlackRock Fund Advisors	on mkt buy	1.51	ord	6,474	6,474
18-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	1.50	ord	-51,044	-51,044
23-Apr-19	BlackRock Fund Advisors	on mkt buy	1.51	ord	6,727	6,727
23-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	6,420	6,420
23-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	-57,888	-57,888
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	4,173	4,173
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	34,566	34,566
24-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	-6,351	-6,351
24-Apr-19	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-674,210	-674,210
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	1.53	ord	-25,520	-25,520
26-Apr-19	BlackRock Advisors (UK) Limited	on mkt sell	1.52	ord	-25,520	-25,520
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	26,336	26,336
26-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	-216,516	-216,516
30-Apr-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.54	ord	-125,479	-125,479
30-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	-104,832	-104,832
30-Apr-19	BlackRock Fund Advisors	in specie	n/a	ord	-17,805	-17,805
01-May-19	BlackRock Fund Advisors	on mkt sell	1.54	ord	-70,338	-70,338
02-May-19	BlackRock Fund Advisors	on mkt buy	1.54	ord	154,764	154,764
02-May-19	BlackRock Advisors (UK) Limited	on mkt buy	1.55	ord	1,297	1,297

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
02-May-19	BlackRock Fund Advisors	in specie	n/a	ord	-82,212	-82,212
03-May-19	BlackRock Fund Advisors	on mkt sell	1.53	ord	-127,656	-127,656
03-May-19	BlackRock Fund Advisors	in specie	n/a	ord	-13,257	-13,257
07-May-19	BlackRock Fund Advisors	on mkt buy	1.53	ord	78,591	78,591
07-May-19	BlackRock Fund Advisors	in specie	n/a	ord	6,237	6,237
07-May-19	BlackRock Fund Advisors	in specie	n/a	ord	10,692	10,692
07-May-19	BlackRock Fund Advisors	in specie	n/a	ord	-27,720	-27,720
08-May-19	BlackRock Japan Co., Ltd.	on mkt sell	1.52	ord	-3,544	-3,544
08-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.53	ord	-101,936	-101,936
08-May-19	BlackRock Fund Advisors	in specie	n/a	ord	8,019	8,019
09-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.54	ord	-38,100	-38,100
09-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.54	ord	-43,376	-43,376
09-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	1.54	ord	5,160	5,160
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.54	ord	33,987	33,987
09-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	1.53	ord	21,820	21,820
09-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.53	ord	143,690	143,690
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.54	ord	-50,752	-50,752
10-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.54	ord	-5,422	-5,422
10-May-19	BlackRock Fund Advisors	in specie	n/a	ord	2,904	2,904
13-May-19	BlackRock Fund Advisors	in specie	n/a	ord	10,740	10,740
13-May-19	BlackRock Fund Advisors	in specie	n/a	ord	-17,802	-17,802
13-May-19	BlackRock Fund Advisors	in specie	n/a	ord	-9,240	-9,240
14-May-19	BlackRock International Limited	on mkt buy	1.54	ord	241,580	241,580
14-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.54	CFD	3,577	3,577
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.54	ord	-37,954	-37,954
14-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.54	ord	-12,672	-12,672
14-May-19	BlackRock Fund Advisors	in specie	n/a	ord	3,531	3,531
15-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.53	CFD	2,228	2,228
15-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.53	ord	-32,532	-32,532
15-May-19	BlackRock Fund Advisors	in specie	n/a	ord	13,425	13,425
15-May-19	BlackRock Fund Advisors	in specie	n/a	ord	6,160	6,160
16-May-19	BlackRock Advisors (UK) Limited	on mkt buy	1.54	ord	5,422	5,422
16-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.53	ord	11,432	11,432
16-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.53	ord	-113,976	-113,976
17-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.54	CFD	19,833	19,833
20-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.54	CFD	23,611	23,611
20-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.54	ord	-5,422	-5,422
20-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.54	ord	-45,691	-45,691
20-May-19	BlackRock (Netherlands) B.V.	in specie	n/a	ord	195,133	195,133
20-May-19	BlackRock (Netherlands) B.V.	in specie	n/a	ord	-195,133	-195,133
21-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.53	ord	-5,422	-5,422
21-May-19	BlackRock Advisors (UK) Limited	on mkt buy	1.53	ord	1,297	1,297
22-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.54	CFD	36,216	36,216
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	1.55	ord	1,297	1,297
22-May-19	BlackRock Advisors (UK) Limited	on mkt buy	1.55	ord	5,422	5,422
22-May-19	BlackRock Fund Advisors	on mkt sell	1.55	ord	-23,576	-23,576
22-May-19	BlackRock Investment Management (UK) Limited	on mkt buy	1.55	ord	98,178	98,178
22-May-19	BlackRock Investment Management (UK) Limited	on mkt sell	1.55	ord	-98,178	-98,178
22-May-19	BlackRock Fund Advisors	in specie	n/a	ord	13,680	13,680
22-May-19	BlackRock Fund Advisors	in specie	n/a	ord	27,360	27,360
22-May-19	BlackRock Fund Advisors	in specie	n/a	ord	-100,878	-100,878
22-May-19	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	139,667	139,667
23-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.55	CFD	90,674	90,674
23-May-19	BlackRock Advisors (UK) Limited	on mkt buy	1.55	ord	12,645	12,645
23-May-19	BlackRock Fund Advisors	in specie	n/a	ord	74,323	74,323
23-May-19	BlackRock Fund Advisors	in specie	n/a	ord	9,240	9,240



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected	
23-May-19	BlackRock Fund Advisors	in specie	n/a	ord	9,240	9,240
24-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.55	CFD	35,976	35,976
24-May-19	BlackRock Fund Advisors	in specie	n/a	ord	74,323	74,323
27-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.56	CFD	32,105	32,105
28-May-19	BlackRock Asset Management Canada Limited	on mkt sell	1.57	ord	-234,745	-234,745
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.57	ord	-204,395	-204,395
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.57	ord	-894,190	-894,190
28-May-19	BlackRock Advisors, LLC	on mkt sell	1.57	ord	-223,541	-223,541
28-May-19	BlackRock Fund Advisors	on mkt sell	1.57	ord	-160,940	-160,940
28-May-19	BlackRock Fund Advisors	on mkt sell	1.57	ord	-34,596	-34,596
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.57	ord	71,688	71,688
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.57	ord	11,447	11,447
28-May-19	BlackRock Institutional Trust Company, National Association	on mkt buy	1.57	ord	62,038	62,038
29-May-19	BlackRock Advisors (UK) Limited	on mkt buy	1.58	ord	2,594	2,594
29-May-19	BlackRock Advisors (UK) Limited	on mkt buy	1.58	ord	12,644	12,644
29-May-19	BlackRock Fund Advisors	in specie	n/a	ord	-12,702	-12,702
29-May-19	BlackRock Fund Advisors	in specie	n/a	ord	74,323	74,323
30-May-19	BlackRock Fund Advisors	in specie	n/a	ord	85,650	85,650
31-May-19	BlackRock Fund Advisors	on mkt buy	1.58	ord	6,788	6,788
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.58	CFD	-14,115	-14,115
31-May-19	BlackRock Asset Management Canada Limited	on mkt sell	1.58	ord	-94,587	-94,587
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.58	ord	-360,136	-360,136
31-May-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.58	ord	-245,966	-245,966
31-May-19	BlackRock Advisors, LLC	on mkt sell	1.58	ord	-74,710	-74,710
31-May-19	BlackRock Advisors (UK) Limited	on mkt buy	1.58	ord	97,596	97,596
31-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.58	ord	-5,422	-5,422
31-May-19	BlackRock Advisors (UK) Limited	on mkt sell	1.58	ord	-21,688	-21,688
04-Jun-19	BlackRock Japan Co., Ltd.	on mkt sell	1.54	ord	-30,494	-30,494
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.55	CFD	-58,174	-58,174
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt buy	1.56	ord	1,576	1,576
04-Jun-19	BlackRock Advisors (UK) Limited	on mkt sell	1.56	ord	-5,422	-5,422
04-Jun-19	BlackRock Institutional Trust Company, National Association	on mkt sell	1.56	ord	-202,955	-202,955
04-Jun-19	BlackRock Asset Management Canada Limited	on mkt buy	1.56	ord	232,999	232,999
04-Jun-19	BlackRock Fund Advisors	in specie	n/a	ord	-11,870	-11,870

Parties to the Derivative			
Investment Manager / Agent	Fund	On Behalf of	Counterparty
BlackRock Institutional Trust Company, National Association	The 32 Capital Master Fund SPC Ltd		UBS SECURITIES LLC
BlackRock Institutional Trust Company, National Association	The 32 Capital Master Fund SPC Ltd		CITBK