

Disclosure of beginning to have substantial holding

Section 276, Financial Markets Conduct Act 2013

To: New Zealand Stock Exchange
and

To: The A2 Milk Company Limited

Date this disclosure made: 19 May 2022

Date on which substantial holding began: 17 May 2022

Substantial product holder(s) giving disclosure

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

Summary of substantial holding

Class of quoted voting products: Ordinary Shares

Summary for: Product holders listed in Appendix A

For this disclosure,—

- (a) total number held in class: 37,398,996
- (b) total in class: 743,656,528
- (c) total percentage held in class: 5.029%

Details of relevant interests

Details for: Product holders listed in Appendix A

Nature of relevant interest(s): The power to control the acquisition or disposal of the quoted voting product and/or the exercise of a right to vote attached to the quoted voting product, arising only from the powers of investment contained in each case under investment management agreements appointing each entity as investment manager of funds or separate accounts (i.e. entity currently exercising investment discretion on behalf of the relevant funds or separate accounts). No relevant agreement document needs to be attached under Regulation 139.

For that relevant interest,—

- (a) number held in class: Refer to Appendix A
- (b) percentage held in class: Refer to Appendix A
- (c) current registered holder(s): Refer to Appendix A
- (d) registered holder(s) once transfers are registered: Not applicable

For a derivative relevant interest, also—

- (a) type of derivative: Contract for Difference

(b) details of derivative:

- Notional number of underlying shares: 5,037,281

- These derivatives are all cash-settled.

- Derivatives were acquired and/or disposed of as follows: Refer to Appendix B

(c) parties to the derivative: Refer to Appendix C

(d) if the substantial product holder is not a party to the derivative, the nature of the relevant interest in the derivative: The power to control the acquisition or disposal of the derivative – Refer to Appendix C

Details of transactions and events giving rise to 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: Pierre-Louis Dodens, Tel +1-302-463-8595, Email: pierrelouis.dodens@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, Pierre-Louis Dodens, 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

Holder of Relevant Interests	Total Held in Class				Nature of Association	Address
	Class	CCY	Number of Securities	%		
APERIO GROUP LLC	ORD	NZD	72,261	0.010%	subsidiary of BlackRock Inc.	2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA 95833-3505
BlackRock Advisors (UK) Limited	ORD	NZD	720,565	0.097%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BLACKROCK ADVISORS LLC	CFD	AUD	207,940	0.028%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BLACKROCK ADVISORS LLC	CFD	NZD	76,828	0.010%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Asset Management Canada Limited	ORD	NZD	205,973	0.028%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management North Asia Limited	ORD	NZD	4,012	0.001%	subsidiary of BlackRock Inc.	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BLACKROCK FINANCIAL MANAGEMENT, INC.	CFD	AUD	1,958,062	0.263%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BLACKROCK FINANCIAL MANAGEMENT, INC.	CFD	NZD	98,454	0.013%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BLACKROCK FINANCIAL MANAGEMENT, INC.	ORD	NZD	16,987	0.002%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Fund Advisors	ORD	NZD	9,676,356	1.301%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	CFD	AUD	2,549,521	0.343%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	CFD	NZD	107,834	0.015%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Institutional Trust Company, National Association	ORD	NZD	5,014,387	0.674%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300,
BlackRock Investment Management (Australia) Limited	ORD	AUD	7,912,331	1.064%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square,
BlackRock Investment Management (Australia) Limited	ORD	NZD	6,535,271	0.879%	subsidiary of BlackRock Inc.	Level 37 Chifley Tower, 2 Chifley Square,
BlackRock Investment Management (UK) Limited	CFD	AUD	31,663	0.004%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL
BlackRock Investment Management (UK) Limited	CFD	NZD	6,979	0.001%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL
BlackRock Investment Management (UK) Limited	ORD	NZD	1,788,598	0.241%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL
BlackRock Investment Management, LLC	ORD	AUD	346,006	0.047%	subsidiary of BlackRock Inc.	251 Little Falls Dr Wilmington, DE 19808-1674
BlackRock Japan Co., Ltd.	ORD	NZD	68,968	0.009%	subsidiary of BlackRock Inc.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi,

THE A2 MILK COMPANY LTD

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
18-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	5.74 ORD 897	897
18-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 16,740	16,740
19-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.70 ORD -8,672	-8,672
19-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.7 ORD -59,538	-59,538
19-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.70 ORD -84,499	-84,499
19-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.70 CFD -16,936	-16,936
19-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.7 CFD -7,184	-7,184
20-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.70 CFD -20,499	-20,499
20-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.71 ORD -7,929	-7,929
20-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.71 CFD -10,500	-10,500
20-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 1,434	1,434
20-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 1,434	1,434
20-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 1,434	1,434
20-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 2,868	2,868
21-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.53 CFD -23,079	-23,079
21-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.52 CFD -10,238	-10,238
21-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.52 ORD -27,191	-27,191
24-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.39 CFD -21,688	-21,688
24-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.39 CFD -7,929	-7,929
24-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.42 ORD -4,770	-4,770
25-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.81 CFD -11,251	-11,251
25-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.83 ORD 1,546	1,546
25-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.83 ORD -70,029	-70,029
25-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 16,740	16,740
26-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.63 ORD 305	305
26-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.63 ORD 803	803
26-Jan-22	BlackRock Advisors (UK) Limited	on mkt buy	5.65 ORD 1,794	1,794
27-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.63 CFD -21,468	-21,468
27-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.66 CFD -6,310	-6,310
27-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.62 ORD -112,639	-112,639
27-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.62 ORD 8,321	8,321
27-Jan-22	BlackRock Fund Advisors	in specie	n/a ORD 8,100	8,100
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.55 CFD -24,347	-24,347
28-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.55 CFD -8,871	-8,871

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.56	ORD 10,640	10,640
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.56	ORD 10,640	10,640
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.57	ORD -4,304	-4,304
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.57	ORD -26,373	-26,373
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.57	ORD -316,758	-316,758
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.56	ORD -56,982	-56,982
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.56	ORD -48,527	-48,527
28-Jan-22	BlackRock Investment Management, LLC	on mkt sell	5.56	ORD -15,382	-15,382
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.56	ORD -1,425	-1,425
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.56	ORD -19,788	-19,788
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.56	ORD -67,226	-67,226
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.56	ORD -16,101	-16,101
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.56	ORD -28,559	-28,559
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.56	ORD -31,013	-31,013
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.56	ORD 10,640	10,640
28-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.56	ORD 3,040	3,040
28-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.56	ORD 312	312
28-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD 22,440	22,440
28-Jan-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD -15,625	-15,625
31-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.65	CFD -22,110	-22,110
31-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.66	CFD -5,500	-5,500
31-Jan-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.66	CFD -2,367	-2,367
31-Jan-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.64	ORD 19,000	19,000
31-Jan-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.58	ORD 8,296	8,296
31-Jan-22	BlackRock Fund Advisors	in specie	n/a	ORD 3,374	3,374
01-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.62	CFD -51,925	-51,925
01-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.62	CFD -22,554	-22,554
01-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.62	ORD 2,833	2,833
02-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.69	CFD -44,389	-44,389
02-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.68	CFD -20,834	-20,834
02-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.69	ORD 4,655	4,655
02-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.7	ORD -24,406	-24,406
02-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.73	ORD -6,080	-6,080
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	5.71	ORD 2,691	2,691

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
02-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	5.71	ORD 897	897
02-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 10,980	10,980
02-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,425	2,425
03-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.65	CFD -36,983	-36,983
03-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.65	CFD -4,000	-4,000
03-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.65	CFD -12,220	-12,220
03-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.63	ORD 14,156	14,156
03-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	5.61	ORD 897	897
04-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.62	CFD -2,684	-2,684
04-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.62	CFD -32,356	-32,356
04-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.62	CFD -18,736	-18,736
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.69	ORD 12,920	12,920
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.63	ORD 24,357	24,357
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.63	ORD 37,922	37,922
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.63	ORD 55,321	55,321
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.63	ORD 14,377	14,377
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.63	ORD 66,008	66,008
04-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.67	ORD 194,693	194,693
04-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 10,820	10,820
07-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.73	CFD -49,313	-49,313
07-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.73	CFD -25,954	-25,954
07-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 30,345	30,345
07-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,618	2,618
08-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.69	CFD -52,901	-52,901
08-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.69	CFD -29,379	-29,379
08-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.68	ORD 16,331	16,331
08-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.67	ORD 50,160	50,160
08-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 10,602	10,602
08-Feb-22	APERIO GROUP LLC	in specie	n/a	ORD -30,694	-30,694
09-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.80	CFD -69,796	-69,796
09-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.80	CFD -3,527	-3,527
09-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.79	CFD -39,470	-39,470
09-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.81	ORD -3,576	-3,576
09-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.81	ORD -11,796	-11,796
09-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.92	ORD 9,880	9,880
09-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	5.83	ORD 897	897
10-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.96	CFD -52,405	-52,405

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10-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.96 CFD -14,591	-14,591
10-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.96 CFD -14,861	-14,861
10-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.95 ORD 17,295	17,295
10-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.9 ORD -16,720	-16,720
10-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.90 ORD -18,240	-18,240
11-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.68 CFD -68,060	-68,060
11-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.68 CFD -46,704	-46,704
11-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.67 ORD 59,779	59,779
11-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.67 ORD 80,552	80,552
11-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	5.65 ORD 897	897
14-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.59 CFD -36,123	-36,123
14-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.59 CFD -20,074	-20,074
14-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.61 ORD 2,280	2,280
15-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.56 CFD -46,708	-46,708
15-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.56 CFD -28,840	-28,840
15-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.56 ORD 41,220	41,220
16-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.67 CFD -50,354	-50,354
16-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.68 CFD -33,077	-33,077
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.70 ORD 9,120	9,120
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.7 ORD 2,280	2,280
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.70 ORD -21,794	-21,794
16-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.7 ORD -33,208	-33,208
16-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.66 ORD 2,966	2,966
16-Feb-22	BlackRock Advisors (UK) Limited	on mkt sell	5.66 ORD -328	-328
16-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	5.66 ORD 1,794	1,794
17-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.73 CFD -11,238	-11,238
17-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.73 CFD -24,513	-24,513
17-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.73 ORD 26,892	26,892
17-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.72 CFD -16,723	-16,723
17-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.73 CFD -36,845	-36,845
17-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 1,944	1,944
17-Feb-22	BlackRock Fund Advisors	in specie	n/a ORD 1,944	1,944
18-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.64 CFD -55,510	-55,510
18-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.64 CFD -30,374	-30,374

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
18-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.62	ORD 2,185	2,185
18-Feb-22	BlackRock Advisors (UK) Limited	in specie	n/a	ORD -4,608	-4,608
21-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	6.23	CFD -41,849	-41,849
21-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	6.19	CFD -20,064	-20,064
21-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.32	ORD 20,164	20,164
21-Feb-22	BlackRock Fund Advisors	on mkt buy	6.31	ORD 25,997	25,997
22-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	6.13	ORD -3,845	-3,845
22-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt sell	6.1	ORD -5,320	-5,320
22-Feb-22	BlackRock Japan Co., Ltd.	on mkt sell	6.12	ORD -4,650	-4,650
23-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.07	ORD 18,446	18,446
23-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.07	ORD 77,454	77,454
23-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.07	ORD 25,198	25,198
23-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	6.07	ORD 91,020	91,020
24-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	5.73	ORD 2,691	2,691
25-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.79	ORD 61,250	61,250
25-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.8	CFD 664	664
25-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 10,920	10,920
25-Feb-22	BlackRock Advisors (UK) Limited	on mkt buy	5.78	ORD 897	897
28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.88	CFD 22,361	22,361
28-Feb-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.88	CFD 3,422	3,422
28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.87	CFD 16,836	16,836
28-Feb-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.88	CFD 21,128	21,128
28-Feb-22	BLACKROCK ADVISORS LLC	on mkt buy	5.88	CFD 17,089	17,089
28-Feb-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.91	ORD 2,280	2,280
28-Feb-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,461	1,461
28-Feb-22	BlackRock Fund Advisors	on mkt buy	5.95	ORD 80,247	80,247
28-Feb-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.95	ORD -14,826	-14,826
01-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	6.02	CFD 3,300	3,300
01-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	6.02	CFD 15,496	15,496
01-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	6.02	CFD 7,998	7,998
01-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.99	ORD 20,520	20,520
01-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	6.03	ORD -3,966	-3,966
01-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.99	ORD 6,721	6,721
01-Mar-22	BlackRock Fund Advisors	on mkt sell	5.93	ORD -1,665	-1,665
01-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	6.04	CFD 254	254
01-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -6,924	-6,924
02-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.95	ORD 10,815	10,815
02-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.95	ORD 7,624	7,624

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
02-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.95	ORD 124,940	124,940
02-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.96	CFD 6,431	6,431
02-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.95	CFD 4,796	4,796
02-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.95	CFD 69	69
02-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.95	CFD 4,478	4,478
02-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.95	CFD 1,359	1,359
02-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.95	CFD 10,224	10,224
02-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.95	CFD 10,255	10,255
02-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.95	CFD 24,903	24,903
02-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.91	ORD 1,520	1,520
03-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.90	CFD 8,410	8,410
03-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.89	CFD 1,736	1,736
03-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.89	CFD 33	33
03-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.89	CFD 1,390	1,390
03-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.89	CFD 4,114	4,114
03-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.89	CFD 567	567
03-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.89	ORD 15,935	15,935
03-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.89	CFD 14,792	14,792
03-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.89	CFD 3,191	3,191
03-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.88	CFD 3,209	3,209
03-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.88	CFD 1,443	1,443
03-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.89	CFD 3,754	3,754
03-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.87	CFD 2,181	2,181
04-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.76	CFD 32,293	32,293
04-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.76	CFD 7,374	7,374
04-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.76	CFD 171	171
04-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.76	ORD 10,912	10,912
04-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.76	CFD 3,661	3,661
04-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.76	CFD 36,965	36,965
04-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.76	CFD 7,282	7,282
04-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.76	CFD 4,187	4,187
04-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.76	CFD 510	510
04-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.76	CFD 1,617	1,617

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
04-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.76	CFD 4,175	4,175
04-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.76	CFD 10,958	10,958
04-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.78	ORD 24,320	24,320
04-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.78	CFD 3,543	3,543
04-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.78	CFD 761	761
04-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.77	CFD 3,952	3,952
04-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.78	CFD 142	142
04-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.78	CFD 2,216	2,216
07-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.66	CFD 32,047	32,047
07-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.66	CFD 3,479	3,479
07-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.66	CFD 546	546
07-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.66	CFD 4,150	4,150
07-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.66	CFD 4,643	4,643
07-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.66	CFD 35,654	35,654
07-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.66	CFD 2,583	2,583
07-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.67	CFD 4,469	4,469
07-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.65	CFD 65	65
07-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.67	CFD 3,718	3,718
07-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.67	CFD 1,701	1,701
07-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.66	CFD 3,547	3,547
07-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.66	CFD 179	179
07-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.66	CFD 762	762
08-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.64	CFD 42,063	42,063
08-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.65	CFD 47,977	47,977
08-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.64	CFD 7,680	7,680
08-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.64	ORD -4,751	-4,751
08-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.65	ORD 12,160	12,160
08-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.65	CFD 3,255	3,255
08-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.66	CFD 154	154
08-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	5.67	ORD -34,678	-34,678
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.72	CFD 42,954	42,954
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.72	CFD 4,902	4,902
09-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.71	CFD 9,364	9,364
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.71	CFD 467	467
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.72	CFD 2,413	2,413

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
09-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.71	CFD 10,135	10,135
09-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.72	CFD 49,002	49,002
09-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.72	CFD 4,304	4,304
09-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.72	CFD 7,261	7,261
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.72	CFD 18,459	18,459
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.71	CFD 16,437	16,437
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.70	CFD 11,119	11,119
09-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.71	CFD 177	177
09-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.71	CFD 2,482	2,482
09-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.71	CFD 10,728	10,728
09-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.71	CFD 5,050	5,050
10-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.79	CFD 1,452	1,452
10-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.79	CFD 38	38
10-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.79	CFD 2,233	2,233
10-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.79	CFD 38,141	38,141
10-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.79	CFD 3,427	3,427
10-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.79	CFD 4,437	4,437
10-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.78	ORD 86,301	86,301
10-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.79	CFD 33,712	33,712
10-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.78	ORD -51,680	-51,680
10-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.78	ORD 2,280	2,280
10-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.77	CFD 6,053	6,053
10-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.77	CFD 6,040	6,040
10-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.77	CFD 1,391	1,391
10-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.77	CFD 267	267
10-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.77	CFD 3,206	3,206
11-Mar-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 163,119	163,119
11-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.67	CFD 16,899	16,899
11-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.67	CFD 5,175	5,175
11-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.67	CFD 23,402	23,402
14-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.53	CFD 47,153	47,153
14-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.53	CFD 6,024	6,024
14-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.53	CFD 69	69
14-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.53	CFD 1,034	1,034

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
14-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.53	CFD 3,906	3,906
14-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.53	CFD 2,059	2,059
14-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.53	CFD 53,380	53,380
14-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.53	CFD 3,818	3,818
14-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.53	CFD 12,847	12,847
14-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.53	CFD 2,327	2,327
14-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.53	ORD -42,560	-42,560
14-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.56	CFD 3,426	3,426
14-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.56	CFD 156	156
14-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.55	CFD 1,934	1,934
14-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.55	CFD 773	773
14-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.55	ORD 35,925	35,925
14-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 19,460	19,460
15-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.48	ORD 2,284	2,284
15-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.48	CFD 1,193	1,193
15-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.49	CFD 3,149	3,149
15-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.49	CFD 789	789
15-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.49	CFD 3,090	3,090
15-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.49	CFD 152	152
15-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -2,679	-2,679
15-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	5.48	ORD -3,588	-3,588
15-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.5	ORD 139,642	139,642
15-Mar-22	APERIO GROUP LLC	in specie	n/a	ORD -10,970	-10,970
16-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.53	CFD 40,561	40,561
16-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.53	CFD 1,386	1,386
16-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.53	CFD 982	982
16-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.54	CFD 42,462	42,462
16-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.54	CFD 3,206	3,206
16-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.54	CFD 5,963	5,963
16-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.53	CFD 3,226	3,226
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.54	ORD -7,723	-7,723
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.54	ORD -10,609	-10,609
16-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.52	CFD 155	155
16-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.52	CFD 2,262	2,262
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -6,926	-6,926
16-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -17,315	-17,315
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.51	ORD 23,731	23,731

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
16-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.48	ORD 100,000	100,000
17-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.76	CFD 29,336	29,336
17-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.76	CFD 981	981
17-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.75	CFD 35,519	35,519
17-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.76	CFD 1,561	1,561
17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.76	ORD -2,682	-2,682
17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.75	ORD -16,720	-16,720
17-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.75	ORD 2,280	2,280
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.76	CFD 16,226	16,226
18-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.77	CFD 27,573	27,573
18-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.76	CFD -1,391	-1,391
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.76	CFD -3,275	-3,275
18-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	5.76	CFD -463	-463
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.76	CFD -68	-68
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.75	ORD -19,045	-19,045
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.79	ORD 20,571	20,571
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.79	ORD 8,817	8,817
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.79	ORD 10,069	10,069
18-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.78	ORD 36,613	36,613
18-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.78	ORD -38,431	-38,431
21-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.86	CFD 39,025	39,025
21-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.86	CFD 44,053	44,053
21-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.84	ORD -24,388	-24,388
21-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -889	-889
21-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.84	ORD 183,514	183,514
21-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.84	ORD 146,011	146,011
21-Mar-22	APERIO GROUP LLC	in specie	n/a	ORD -1,529	-1,529
22-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.74	CFD 37,893	37,893
22-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.74	CFD 190	190
22-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.74	CFD 6,969	6,969
22-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.76	CFD 13,772	13,772
22-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.74	CFD 29,537	29,537
22-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.73	CFD 30,095	30,095

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22-Mar-22	BlackRock Investment Management (Australia) Limited	in specie	n/a	ORD 107,956 107,956
22-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.77	CFD 2,092 2,092
22-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.76	CFD 743 743
22-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.76	CFD 3,055 3,055
22-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,090 2,090
23-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.82	CFD 45,798 45,798
23-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.82	CFD 4,596 4,596
23-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.82	CFD 96 96
23-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.84	CFD -519 -519
23-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.84	CFD -3,231 -3,231
23-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.82	CFD 3,577 3,577
23-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.83	CFD 49,335 49,335
23-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.82	CFD 8,618 8,618
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.83	ORD -3,804 -3,804
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.83	ORD -17,315 -17,315
23-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.83	ORD -35,515 -35,515
23-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD -13,848 -13,848
23-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.8	CFD 3,001 3,001
23-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.80	CFD 3,058 3,058
23-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.8	CFD 1,634 1,634
24-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.83	CFD 37,251 37,251
24-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.84	CFD 44,969 44,969
24-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.83	ORD -19,069 -19,069
24-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.8	CFD 5,209 5,209
24-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.80	ORD -124,543 -124,543
24-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.8	CFD 7,027 7,027
24-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.80	CFD 101 101
24-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.8	CFD 1,241 1,241
24-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.80	CFD 2,152 2,152
24-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,040 2,040
25-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.82	CFD 21,818 21,818
25-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.82	CFD 8,351 8,351
25-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.82	CFD 47,756 47,756
25-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.82	CFD 2,916 2,916
25-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.82	ORD 7,813 7,813

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25-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.81	CFD 3,185	3,185
25-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.81	CFD 7,733	7,733
25-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.81	CFD 1,949	1,949
25-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.81	CFD 2,901	2,901
25-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.8	ORD 169,588	169,588
25-Mar-22	BlackRock Advisors (UK) Limited	on mkt sell	5.81	ORD -315	-315
28-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.81	CFD 13,516	13,516
28-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.81	CFD 7,751	7,751
28-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.81	CFD 43,963	43,963
28-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.80	CFD -2,127	-2,127
28-Mar-22	BLACKROCK ADVISORS LLC	on mkt sell	5.8	CFD -5,007	-5,007
28-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.77	CFD 834	834
28-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.77	CFD 3,402	3,402
28-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD 3,416	3,416
29-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.82	CFD 8,144	8,144
29-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.82	CFD 35,081	35,081
29-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.82	ORD -21,865	-21,865
29-Mar-22	BLACKROCK ADVISORS LLC	on mkt sell	5.82	CFD -2,645	-2,645
29-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.82	CFD 15,363	15,363
29-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.82	CFD 99	99
29-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.82	CFD 3,215	3,215
30-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.76	CFD 18,675	18,675
30-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	CFD 5,530	5,530
30-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	CFD 1,977	1,977
30-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.75	CFD 39,792	39,792
30-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.75	CFD 2,946	2,946
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.76	ORD -11,171	-11,171
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.76	ORD -52,653	-52,653
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.75	ORD -55,872	-55,872
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.75	ORD -17,087	-17,087
30-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.76	CFD -53	-53
30-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.67	ORD 3,080	3,080
30-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.79	CFD 1,298	1,298
30-Mar-22	BLACKROCK ADVISORS LLC	on mkt buy	5.80	CFD 2,470	2,470
30-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.8	CFD 5,477	5,477

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	-10,386	-10,386
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	-34,620	-34,620
30-Mar-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.80	CFD	192	192
30-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	-45,006	-45,006
31-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.66	CFD	17,065	17,065
31-Mar-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.66	CFD	27,008	27,008
31-Mar-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.66	ORD	-87,466	-87,466
31-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.66	CFD	-512	-512
31-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.66	CFD	-3,949	-3,949
31-Mar-22	BLACKROCK ADVISORS LLC	on mkt sell	5.66	CFD	-6,077	-6,077
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	-6,954	-6,954
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	-6,954	-6,954
31-Mar-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,848	1,848
31-Mar-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.64	ORD	-29,179	-29,179
31-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.64	ORD	-16,593	-16,593
31-Mar-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.64	ORD	50,031	50,031
01-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.64	CFD	43,055	43,055
01-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.64	CFD	55,909	55,909
01-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.64	CFD	6,277	6,277
01-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.64	CFD	145	145
01-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.64	CFD	6,004	6,004
01-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.64	CFD	10,781	10,781
01-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.64	ORD	-68,859	-68,859
01-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD	1,908	1,908
01-Apr-22	BlackRock Fund Advisors	on mkt buy	5.62	ORD	1,660	1,660
04-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.63	CFD	42,985	42,985
04-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.63	CFD	42,102	42,102
04-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.63	CFD	4,945	4,945
04-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.62	CFD	-129	-129
04-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.62	CFD	-6,155	-6,155
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.62	ORD	-60,986	-60,986
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.6	ORD	2,310	2,310
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.60	ORD	11,750	11,750
04-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.6	ORD	28,130	28,130
04-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.63	ORD	-10,353	-10,353
04-Apr-22	BlackRock Fund Advisors	on mkt sell	5.65	ORD	-14,371	-14,371
05-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.58	CFD	42,633	42,633

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
05-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.58	ORD -18,929 -18,929
05-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.59	CFD 1,881 1,881
05-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.59	CFD 44,818 44,818
05-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.59	CFD 4,119 4,119
05-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.59	CFD 1,966 1,966
05-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.54	ORD 4,620 4,620
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD -17,400 -17,400
05-Apr-22	BlackRock Fund Advisors	on mkt buy	5.52	ORD 1,934 1,934
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 5,390 5,390
05-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD -45,240 -45,240
06-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.46	CFD 45,509 45,509
06-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.45	CFD 44,496 44,496
06-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.45	CFD 4,607 4,607
06-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.45	ORD 17,710 17,710
07-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.49	CFD 44,755 44,755
07-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.49	ORD 2,446 2,446
07-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.49	CFD 5,703 5,703
07-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.49	CFD 78 78
07-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.49	CFD 45,296 45,296
07-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.49	CFD 4,410 4,410
07-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.49	CFD 6,620 6,620
07-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.51	ORD 8,677 8,677
07-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.5	CFD 4,344 4,344
07-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.49	CFD 1,142 1,142
07-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.49	CFD 89 89
07-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.49	CFD 4,145 4,145
07-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	5.49	CFD 2,124 2,124
07-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.50	ORD 5,435 5,435
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.51	CFD 40,377 40,377
08-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.51	CFD 35,873 35,873
08-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.52	CFD 5,622 5,622
08-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.49	ORD -24,637 -24,637
08-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 7,574 7,574
08-Apr-22	BlackRock Fund Advisors	on mkt sell	5.48	ORD -4,223 -4,223
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.5	CFD 4,973 4,973

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08-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.50	CFD	5,187	5,187
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.5	CFD	1,302	1,302
08-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.50	CFD	150	150
08-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	5.5	CFD	2,966	2,966
08-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.49	ORD	9,159	9,159
11-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.29	CFD	25,358	25,358
11-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.30	CFD	4,112	4,112
11-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.3	CFD	45	45
11-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.30	CFD	2,689	2,689
11-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.3	CFD	21,424	21,424
11-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.30	CFD	4,239	4,239
11-Apr-22	BlackRock Advisors (UK) Limited	in specie	n/a	ORD	-3,916	-3,916
11-Apr-22	APERIO GROUP LLC	in specie	n/a	ORD	-6,791	-6,791
12-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.05	CFD	27,172	27,172
12-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.04	CFD	-3	-3
12-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.04	CFD	-546	-546
12-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.04	CFD	-601	-601
12-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.04	CFD	-8,576	-8,576
12-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.04	CFD	32,017	32,017
12-Apr-22	BLACKROCK ADVISORS LLC	on mkt sell	5.04	CFD	-10,706	-10,706
12-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	CFD	5,780	5,780
12-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	CFD	66	66
12-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.07	CFD	3,816	3,816
12-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.05	CFD	7,143	7,143
12-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.14	ORD	27,616	27,616
12-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.14	ORD	-19,423	-19,423
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.07	ORD	-4,027	-4,027
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.07	ORD	-20,858	-20,858
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.07	ORD	-35,523	-35,523
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.07	ORD	-152,271	-152,271
13-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	CFD	42,231	42,231
13-Apr-22	BLACKROCK ADVISORS LLC	on mkt sell	5.07	CFD	-5,598	-5,598
13-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	5.07	CFD	-1,977	-1,977
13-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.07	CFD	33,103	33,103

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
13-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	CFD 16,211	16,211
13-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	CFD 425	425
13-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.07	CFD 12,376	12,376
13-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.07	CFD 22,875	22,875
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.06	ORD 6,144	6,144
13-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.06	ORD -20,508	-20,508
13-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	5.04	CFD 2,690	2,690
13-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.04	CFD 368	368
13-Apr-22	BlackRock Fund Advisors	on mkt buy	5.05	ORD 5,491	5,491
14-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	CFD 27,358	27,358
14-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	CFD 12,663	12,663
14-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	CFD 314	314
14-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.08	ORD -86,791	-86,791
14-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.08	CFD 11,323	11,323
14-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	CFD 17,363	17,363
14-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.08	CFD 21,706	21,706
14-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.08	CFD 5,835	5,835
14-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.08	ORD 1,272	1,272
14-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.08	CFD 12,814	12,814
14-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,832	1,832
14-Apr-22	BlackRock Fund Advisors	on mkt buy	5.14	ORD 1,862	1,862
14-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.09	CFD 739	739
14-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	5.09	CFD 6,567	6,567
19-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.05	ORD -13,887	-13,887
19-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.04	ORD -68,298	-68,298
19-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.04	ORD -327,156	-327,156
19-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.04	ORD -16,639	-16,639
19-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	CFD 9,498	9,498
19-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	CFD 159	159
19-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.04	CFD 8,613	8,613
19-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.04	CFD 11,019	11,019
19-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	5.01	ORD 897	897
19-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD -27,856	-27,856
20-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	CFD 24,569	24,569
20-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	CFD 18,655	18,655

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20-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.11	CFD 17,464	17,464
20-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.11	CFD 24,493	24,493
20-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.17	ORD -87,552	-87,552
20-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	CFD 1,560	1,560
20-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.11	CFD 3,596	3,596
20-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	CFD 1,461	1,461
20-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.11	CFD 5,757	5,757
20-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.10	CFD 6,316	6,316
20-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.1	CFD 912	912
20-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	5.10	CFD 6,895	6,895
21-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.12	ORD 23,117	23,117
21-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	CFD 15,984	15,984
21-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	CFD 6,951	6,951
21-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.11	CFD 13,379	13,379
21-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.11	CFD 7,474	7,474
21-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.11	CFD 1,797	1,797
21-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.11	CFD 35	35
21-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.09	ORD -6,508	-6,508
21-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.09	CFD 3,675	3,675
21-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	5.09	CFD 5,798	5,798
21-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.1	CFD 893	893
21-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.09	CFD 3,716	3,716
21-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.09	CFD 767	767
21-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.12	ORD 42,813	42,813
21-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.12	ORD 4,616	4,616
21-Apr-22	BlackRock Investment Management (UK) Limited	on mkt sell	5.12	ORD -47,048	-47,048
21-Apr-22	APERIO GROUP LLC	in specie	n/a	ORD -72,261	-72,261
22-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	CFD 5,771	5,771
22-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.03	CFD 12,146	12,146
22-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	5.03	CFD 7,163	7,163
22-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	5.03	CFD 13,911	13,911
22-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	5.02	ORD 18,996	18,996
22-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	ORD -3,665	-3,665

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22-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	ORD -18,666 -18,666
22-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	5.02	ORD -16,924 -16,924
22-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	5.04	CFD 395 395
22-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	5.04	CFD 3,502 3,502
22-Apr-22	BlackRock Investment Management (UK) Limited	in specie	n/a	ORD -3,364 -3,364
22-Apr-22	APERIO GROUP LLC	in specie	n/a	ORD 72,261 72,261
26-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.90	ORD -10,201 -10,201
26-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD -17,405 -17,405
26-Apr-22	BlackRock Advisors (UK) Limited	on mkt buy	4.90	ORD 897 897
27-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	CFD 19,699 19,699
27-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	CFD 16,748 16,748
27-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.79	ORD 16,982 16,982
27-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.78	CFD 8,189 8,189
27-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.78	CFD 17,471 17,471
27-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.78	CFD 15,683 15,683
27-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	4.78	CFD 4,256 4,256
27-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD -31,823 -31,823
27-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.79	CFD 3,981 3,981
27-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	CFD 4,170 4,170
27-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.79	CFD 1,139 1,139
27-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	4.79	CFD 2,510 2,510
27-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.79	CFD 216 216
28-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.80	CFD 24,560 24,560
28-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	CFD 18,673 18,673
28-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.81	CFD 648 648
28-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	CFD 5,147 5,147
28-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.81	CFD 21,572 21,572
28-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.81	CFD 17,290 17,290
28-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	4.81	CFD 7,051 7,051
28-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.8	ORD -1,351 -1,351
28-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.80	ORD -5,262 -5,262
28-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	CFD 5,308 5,308
28-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.80	CFD 5,286 5,286
28-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	4.81	CFD 2,226 2,226
28-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.80	CFD 217 217
28-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	CFD 1,381 1,381

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
28-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.81	ORD -37,779	-37,779
28-Apr-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.82	ORD 12,374	12,374
29-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	CFD 18,910	18,910
29-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	CFD 15,747	15,747
29-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.85	CFD 2,343	2,343
29-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.85	CFD 4,283	4,283
29-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.85	CFD 17,114	17,114
29-Apr-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.85	CFD 14,289	14,289
29-Apr-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,752	1,752
29-Apr-22	BLACKROCK ADVISORS LLC	on mkt buy	4.84	CFD 2,054	2,054
29-Apr-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.85	CFD 188	188
29-Apr-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.92	ORD -10,528	-10,528
02-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	CFD 11,400	11,400
02-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	CFD 27,222	27,222
02-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	CFD 177	177
02-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.82	CFD 4,076	4,076
02-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.81	ORD -31,582	-31,582
02-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.81	CFD 2,506	2,506
02-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.82	CFD 11,097	11,097
02-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.82	CFD 20,823	20,823
02-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.82	CFD 4,957	4,957
02-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.81	CFD 8,445	8,445
02-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,564	1,564
02-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.82	CFD 166	166
02-May-22	BlackRock Fund Advisors	on mkt buy	4.81	ORD 1,849	1,849
03-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.85	ORD -19,348	-19,348
03-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	CFD 3,769	3,769
03-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	CFD 122	122
03-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.86	CFD 1,651	1,651
03-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.86	CFD 6,180	6,180
03-May-22	BlackRock Fund Advisors	in specie	n/a	ORD -7,008	-7,008
03-May-22	BlackRock Fund Advisors	on mkt sell	4.82	ORD -2,559	-2,559
04-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73	CFD 16,127	16,127
04-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.73	CFD 33,209	33,209
04-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.73	CFD 15,317	15,317

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
04-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.73	CFD 29,230	29,230
04-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.72	ORD -236,890	-236,890
04-May-22	BlackRock Investment Management, LLC	on mkt buy	4.66	ORD 10,168	10,168
04-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,052	2,052
04-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.71	CFD 3,452	3,452
04-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.72	CFD 280	280
04-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.72	CFD 2,420	2,420
04-May-22	BlackRock Fund Advisors	in specie	n/a	ORD -27,880	-27,880
05-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.72	CFD 1,608	1,608
05-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.72	CFD 399	399
05-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.72	CFD 731	731
05-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.72	CFD 1,435	1,435
05-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.72	CFD 354	354
05-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	CFD 9,348	9,348
05-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.7	CFD 19,471	19,471
05-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.70	CFD 4,844	4,844
05-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.7	CFD 8,841	8,841
05-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.70	CFD 17,377	17,377
05-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.7	CFD 4,294	4,294
05-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.70	CFD 2,771	2,771
05-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.7	CFD 240	240
05-May-22	BlackRock Advisors (UK) Limited	on mkt buy	4.70	ORD 2,691	2,691
06-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.66	CFD 11,367	11,367
06-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.66	CFD 13,877	13,877
06-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.66	CFD -1,977	-1,977
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.67	ORD 34,651	34,651
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65	ORD 61,440	61,440
06-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.65	ORD 2,304	2,304
06-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.68	CFD 199	199
06-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.68	CFD 2,354	2,354
09-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.49	CFD 1,157	1,157
09-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49	CFD 16,540	16,540
09-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49	CFD 2,413	2,413
09-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.49	CFD 8,926	8,926
09-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.49	CFD 4,250	4,250
09-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.48	CFD -7,509	-7,509
09-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.48	CFD -346	-346

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected	Person's votes affected
09-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt sell	4.48	CFD -1,230	-1,230
09-May-22	BlackRock Institutional Trust Company, National Association	on mkt sell	4.48	CFD -25,858	-25,858
09-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.44	ORD -6,912	-6,912
09-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,646	2,646
09-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.49	CFD 5,219	5,219
09-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.5	CFD 179	179
09-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.50	CFD 1,293	1,293
09-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.5	CFD 2,152	2,152
09-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.48	CFD 7,992	7,992
09-May-22	BlackRock Fund Advisors	in specie	n/a	ORD -34,870	-34,870
10-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.37	CFD 2,925	2,925
10-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.37	CFD 1,757	1,757
10-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.37	CFD 25,468	25,468
10-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.37	CFD 2,986	2,986
10-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.37	CFD 26,087	26,087
10-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.37	CFD 3,357	3,357
10-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.37	CFD 27,796	27,796
10-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.39	ORD 16,896	16,896
11-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	CFD 47,345	47,345
11-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	CFD 9,085	9,085
11-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.53	CFD 4,465	4,465
11-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	CFD 5,529	5,529
11-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	CFD 139	139
11-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.53	CFD 3,347	3,347
11-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	CFD 36,135	36,135
11-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	CFD 2,643	2,643
11-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.53	CFD 2,738	2,738
11-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.53	CFD 47,704	47,704
11-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.53	CFD 8,062	8,062
11-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.53	CFD 35,533	35,533
11-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.53	CFD 8,448	8,448
11-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.53	CFD 5,033	5,033
11-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53	ORD 43,339	43,339
11-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53	ORD 66,721	66,721

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected	
11-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.53	ORD 10,411	10,411
11-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.49	ORD 26,934	26,934
11-May-22	BlackRock Fund Advisors	on mkt sell	4.55	ORD -1,248	-1,248
11-May-22	BlackRock Fund Advisors	in specie	n/a	ORD -14,924	-14,924
12-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	CFD 29,550	29,550
12-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.52	CFD 3,471	3,471
12-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.52	CFD 1,926	1,926
12-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	CFD 18,729	18,729
12-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.52	CFD 3,286	3,286
12-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.52	CFD 26,737	26,737
12-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.52	CFD 20,716	20,716
12-May-22	BlackRock Investment Management (Australia) Limited	on mkt sell	4.52	ORD -38,179	-38,179
12-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 2,052	2,052
12-May-22	BlackRock Fund Advisors	in specie	n/a	ORD 1,576	1,576
12-May-22	BlackRock Fund Advisors	on mkt buy	4.53	ORD 42,654	42,654
13-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46	ORD 4,656	4,656
13-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46	ORD 24,552	24,552
13-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46	ORD 97,337	97,337
13-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.46	ORD 19,774	19,774
13-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	CFD 30,045	30,045
13-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.46	CFD 4,511	4,511
13-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	CFD 6,004	6,004
13-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.46	CFD 1,905	1,905
13-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.46	CFD 27,113	27,113
13-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.46	CFD 7,638	7,638
13-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.48	ORD 72,192	72,192
16-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60	CFD 27,078	27,078
16-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.6	CFD 3,944	3,944
16-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.60	CFD 2,876	2,876
16-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.6	CFD 32,189	32,189
16-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.60	CFD 4,554	4,554
16-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.6	CFD 23,148	23,148
16-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.60	CFD 1,345	1,345
16-May-22	BlackRock Fund Advisors	on mkt buy	4.56	ORD 2,990	2,990
17-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56	ORD 64,907	64,907
17-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.56	CFD 1,587	1,587

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)	Class and number of securities affected	Person's votes affected
17-May-22	BlackRock Investment Management (Australia) Limited	on mkt buy	4.56	ORD 12,474 12,474
17-May-22	BlackRock Investment Management (UK) Limited	on mkt buy	4.56	CFD 1,277 1,277
17-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	CFD 15,298 15,298
17-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	CFD 2,415 2,415
17-May-22	BLACKROCK FINANCIAL MANAGEMENT, INC.	on mkt buy	4.56	CFD 19,312 19,312
17-May-22	BLACKROCK ADVISORS LLC	on mkt buy	4.56	CFD 33,981 33,981
17-May-22	BlackRock Institutional Trust Company, National Association	on mkt buy	4.56	CFD 22,164 22,164

Parties to the Derivative			
Investment Manager / Agent	Fund	On Behalf of	Counterparty
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - Equity Research Insights - BarCap CFD		BARCLAYS BANK PLC
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - Equity Research Insights - GS CFD		Goldman Sachs Intl CFD
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - Equity Research Insights - UBS CFD		UBS AG
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - GELS - BarCap CFD		BARCLAYS BANK PLC
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - GELS - CITI CFD		CITBK CFD
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - GELS - GS		Goldman Sachs Intl CFD
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - Global Long Horizon BarCap CFD		BARCLAYS BANK PLC
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - Global Long Horizon GS CFD		Goldman Sachs Intl CFD
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - Global Long Horizon MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	32 Capital Fund - GELS - UBS CFD		UBS AG
BLACKROCK FINANCIAL MANAGEMENT, INC.	BlackRock Absolute Macro Master Fund - Barclays CFD		BARCLAYS BANK PLC
BLACKROCK FINANCIAL MANAGEMENT, INC.	BlackRock Absolute Macro Master Fund - Citi CFD		CITBK CFD
BLACKROCK FINANCIAL MANAGEMENT, INC.	BlackRock Absolute Macro Master Fund - GS CFD		Goldman Sachs Intl CFD
BLACKROCK FINANCIAL MANAGEMENT, INC.	BlackRock Absolute Macro Master Fund - HSBC CFD		HSBBK CFD
BLACKROCK FINANCIAL MANAGEMENT, INC.	BlackRock Absolute Macro Master Fund - MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Master Fund Ltd Cross Border - GS CFD		Goldman Sachs Intl CFD
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Master Fund Ltd Cross Border - HSBC CFD		HSBBK CFD
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Master Fund Ltd Cross Border - JPM CFD		JP Morgan CFD (JPMWSW)
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Master Fund Ltd Cross Border - ML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Master Fund Ltd Cross Border - UBS CFD		UBS AG
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Equity Fund Ltd. - BAML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	Global Alpha Opportunities Equity Fund Ltd. - MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF - BlackRock Systematic Global Long/Short Equity Fund - GS CFD		Goldman Sachs Intl CFD
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF - BlackRock Systematic Global Long/Short Equity Fund - ML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF - BlackRock Systematic Global Long/Short Equity Fund - MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF - BlackRock Systematic Global Long/Short Equity Fund - US Large Cap Str		Goldman Sachs Intl CFD
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BSF - BlackRock Systematic Global Long/Short Equity Fund - US Large Cap Str		MERRILL LYNCH INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	CPPIB MAP CAYMAN SPC - BNP CFD		BNP PARIBAS
BLACKROCK INSTITUTIONAL TRUST CO NA	CPPIB MAP CAYMAN SPC - GS CFD		Goldman Sachs Intl CFD
BLACKROCK INSTITUTIONAL TRUST CO NA	CPPIB MAP Cayman SPC - JPM CFD		JP Morgan CFD (JPMWSW)
BLACKROCK INSTITUTIONAL TRUST CO NA	GMN B Fund - Europe - Mid Horizon - BNP CFD		BNP PARIBAS
BLACKROCK INSTITUTIONAL TRUST CO NA	GMN B Fund - Europe - Mid Horizon - Citi CFD		CITBK CFD
BLACKROCK INSTITUTIONAL TRUST CO NA	GMN B Fund - Europe - Mid Horizon - GS CFD		Goldman Sachs Intl CFD
BLACKROCK INSTITUTIONAL TRUST CO NA	GMN B Fund - Europe - Mid Horizon - UBS CFD		UBS AG
BLACKROCK INSTITUTIONAL TRUST CO NA	GMN B Fund - GELS - CITI CFD		CITBK CFD
BLACKROCK INSTITUTIONAL TRUST CO NA	GMN B Fund - GELS - GS CFD		Goldman Sachs Intl CFD
BLACKROCK INSTITUTIONAL TRUST CO NA	GMN B Fund - GELS - UBS CFD		UBS AG
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Cross Border - GS CFD		Goldman Sachs Intl CFD
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Cross Border - HSBC CFD		HSBBK CFD
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Cross Border - ML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Cross Border - MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - ERAB - BNP CFD		BNP PARIBAS
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - ERAB - GS CFD		Goldman Sachs Intl CFD
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - ERAB - HSBC CFD		HSBBK CFD
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - ERAB - JPM CFD		JP Morgan CFD (JPMWSW)
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - ERAB - ML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - ERAB - MSC CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Long Horizon - BNP CFD		BNP PARIBAS
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Long Horizon - GS CFD		Goldman Sachs Intl CFD
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Long Horizon - JPM CFD		JP Morgan CFD (JPMWSW)
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Long Horizon - ML CFD		MERRILL LYNCH INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Long Horizon - MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Small Cap - BNP CFD		BNP PARIBAS
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Small Cap - GS CFD		Goldman Sachs Intl CFD
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Small Cap - HSBC CFD		HSBBK CFD
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Small Cap - JPM CFD		JP Morgan CFD (JPMWSW)
BLACKROCK FINANCIAL MANAGEMENT, INC.	Baldr Bayes Fund Inc. - Global Small Cap - MS CFD		MORGAN STANLEY & CO INTERNATIONAL
BLACKROCK FINANCIAL MANAGEMENT, INC.	BlackRock Global Long/Short Equity Fund - BNP CFD		BNP PARIBAS
BLACKROCK ADVISORS LLC	BlackRock Global Long/Short Equity Fund - GS		Goldman Sachs Bank USA CFD
BLACKROCK ADVISORS LLC	BlackRock Global Long/Short Equity Fund - BAML		MERRILL LYNCH INTERNATIONAL
BLACKROCK ADVISORS LLC	BlackRock Global Long/Short Equity Fund - UBS		UBS AG
BLACKROCK ADVISORS LLC	BlackRock Global Long/Short Equity Fund - US Large Cap - GS		Goldman Sachs Bank USA CFD
BLACKROCK ADVISORS LLC	BlackRock Global Long/Short Equity Fund - US Large Cap - BAML		MERRILL LYNCH INTERNATIONAL
BLACKROCK INSTITUTIONAL TRUST CO NA	SAE Liquidity Fund - Cross Border - HSBC CFD		HSBBK CFD
BLACKROCK INSTITUTIONAL TRUST CO NA	SAE Liquidity Fund - Cross Border - JPM CFD		JP Morgan CFD (JPMWSW)
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BlackRock Systematic ESG Equity Absolute Return Fund - GS CFD Sleeve		Goldman Sachs Intl CFD
BLACKROCK INVESTMENT MANAGEMENT (UK) LIMITED	BlackRock Systematic ESG Equity Absolute Return Fund - UBS CFD Sleeve		UBS AG