

Pendal Group Limited

Level 14, The Chifley Tower
2 Chifley Square
Sydney NSW 2000
Australia

ABN 28 126 385 822

PENDAL

Company Announcements Platform
Australian Securities Exchange Limited
20 Bridge Street
SYDNEY NSW 2000

16 August 2019

Dear Sir/Madam

Re: Notice of Change of Interests of Substantial Holder

In accordance with section 671B of the Corporations Act 2001 (Cth), we attach a Notice of Change of Interests of Substantial Holder (Form 604) in respect of Metcash Limited (**MTS**).

Yours faithfully



Joanne Hawkins
Group Company Secretary

Form 604

Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme METCASH LIMITED (MTS)

ACN/ARSN ACN 112 073 480

1. Details of substantial holder(1)

Name PENDAL GROUP LIMITED (PDL)

ACN/ARSN (if applicable) ACN 126 385 822

There was a change in the interests of the substantial holder on 14/08/2019

The previous notice was given to the company on 16/07/2019

The previous notice was dated 12/07/2019

2. Previous and present voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice in the company or scheme, are as follows:

Class of securities (4)	Previous Notice		Present Notice	
	Person's votes	Voting Power (5)	Person's votes	Voting Power (5)
ORDINARY SHARES	94,344,764	10.38%	103,455,068	11.38%

3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
14/08/2019	PDL & its Associates, Pental Fund Services Limited, Pental Institutional Limited	See Annexure 'A'	See Annexure 'A'	See Annexure 'A'	See Annexure 'A'

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and Number of securities	Person's votes
Pendal Fund Services Limited *	HSBC Custody Nominees (Australia) Limited. UBS Wealth Management	HSBC Custody Nominees (Australia) Limited. UBS Wealth Management	Pendal Fund Services Limited is the trustee or responsible entity of various managed investment schemes and, in that capacity, can exercise the power to vote or dispose of the shares.	39,184,919 Ordinary	39,184,919
Pendal Institutional Limited	Australia and New Zealand Banking Group BNP Fund Services Pty Limited Citicorp Nominees Pty Limited HSBC Custody Nominees (Australia) Limited. JP Morgan Chase Bank National Australia Bank Limited National Custodian Nominees Permanent Trustees Australia Limited State Street Australia Limited	Australia and New Zealand Banking Group BNP Fund Services Pty Limited Citicorp Nominees Pty Limited HSBC Custody Nominees (Australia) Limited. JP Morgan Chase Bank National Australia Bank Limited National Custodian Nominees Permanent Trustees Australia Limited State Street Australia Limited	Pendal Institutional Limited is the investment manager appointed by various superannuation funds, institutional investors and unit trusts and, in that capacity, can exercise the power to vote or dispose of the shares..	64,270,149 Ordinary	64,270,149

* Pendal Fund Services Limited has appointed Pendal Institutional Limited to act as the investment manager of the trusts of which it is responsible entity, giving Pendal Institutional Limited the capacity to exercise the power to vote or dispose of the shares. Pendal Institutional Limited therefore also has a relevant interest in shares in which Pendal Fund Services Limited has a relevant interest.

5. Changes in association

The persons who have become associates (2) of, or ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association

6. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Pendal Group Limited (PDL)	Level 14, Chifley Tower, 2 Chifley Square, Sydney NSW 2000
Pendal Fund Services Limited	Level 14, Chifley Tower, 2 Chifley Square, Sydney NSW 2000
Pendal Institutional Limited	Level 14, Chifley Tower, 2 Chifley Square SYDNEY NSW 2000
METCASH LIMITED (MTS)	The Company Secretary, METCASH LIMITED (MTS) 1 Thomas Holt Drive MACQUARIE PARK NSW 2113

Signature

Print name Joanne Hawkins Capacity Company Secretary

Sign here _____ Date 16/08/2019

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (e.g. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 6 of the form.
 - (2) See the definition of “associate” in section 9 of the Corporations Act 2001.
 - (3) See the definition of “relevant interest” in sections 608 and 671B(7) of the Corporations Act 2001.
 - (4) The voting shares of a company constitute one class unless divided into separate classes.
 - (5) The person’s votes divided by the total votes in the body corporate scheme multiplied by 100.
 - (6) Include details of:
 - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).
- See the definition of “relevant agreement” in section 9 of the Corporations Act 2001.
- (7) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
 - (8) If the substantial holder is unable to determine the identity of the person (e.g. if the relevant interest arises because of an option) write “unknown”.
 - (9) Give details, if appropriate, of the present association and any changes in that association since the last substantial holding notice.

ANNEXURE A

This is annexure 'A' referred to in Form 604, Notice of change of interests of substantial holder, lodged for Pental Group Limited ACN 126 385 822

Joanne Hawkins – Company Secretary, Pental Group Limited - 16/08/2019

TRANSACTION HISTORY

Sales & Purchases for the period : 13/07/2019 to 14/08/2019

SECURITY: MTS

Pental Fund Services Limited

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
16/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	18,047	51,073.01	Ordinary	18,047
17/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	356,696	1,027,284.48	Ordinary	356,696
18/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	244,140	695,799.00	Ordinary	244,140
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-16,788	-47,174.28	Ordinary	16,788
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	106,363	299,943.66	Ordinary	106,363
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	4,287	12,046.47	Ordinary	4,287
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	111,750	314,017.50	Ordinary	111,750
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	22,988	64,596.28	Ordinary	22,988
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-6,075	-17,070.75	Ordinary	6,075
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	13,940	39,171.40	Ordinary	13,940
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	2,867	8,056.27	Ordinary	2,867
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	13,267	37,412.94	Ordinary	13,267
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	535	1,503.35	Ordinary	535
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-2,657	-7,466.17	Ordinary	2,657
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-962	-2,703.22	Ordinary	962
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	22,689	63,756.09	Ordinary	22,689
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	110,293	309,923.33	Ordinary	110,293
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	104,978	296,037.96	Ordinary	104,978
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-6,127	-17,216.87	Ordinary	6,127
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-16,933	-47,581.73	Ordinary	16,933
31/07/2019	HSBC Custody Nominees (Australia) Limited.	Buy	4,231	11,889.11	Ordinary	4,231
1/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	325,681	908,649.99	Ordinary	325,681
1/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	40,642	113,391.18	Ordinary	40,642
1/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	187,483	523,077.57	Ordinary	187,483
2/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	62,889	176,089.20	Ordinary	62,889
2/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	7,848	21,974.40	Ordinary	7,848
2/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	36,203	101,368.40	Ordinary	36,203
6/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	270,864	744,876.00	Ordinary	270,864
6/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	20,468	56,287.00	Ordinary	20,468
6/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	80,324	220,891.00	Ordinary	80,324
8/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	21,124	60,203.40	Ordinary	21,124
8/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	26,644	75,668.96	Ordinary	26,644
8/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	1,596	4,548.60	Ordinary	1,596
8/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	2,014	5,719.76	Ordinary	2,014

8/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	7,902	22,441.68	Ordinary	7,902
8/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	6,264	17,852.40	Ordinary	6,264
8/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	11,749	33,367.16	Ordinary	11,749
8/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	9,314	26,544.90	Ordinary	9,314
9/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	117,427	337,015.49	Ordinary	117,427
9/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	47,194	134,974.84	Ordinary	47,194
9/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	42,538	122,084.06	Ordinary	42,538
9/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	3,214	9,224.18	Ordinary	3,214
9/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	3,566	10,198.76	Ordinary	3,566
9/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	8,874	25,468.38	Ordinary	8,874
9/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	12,615	36,205.05	Ordinary	12,615
9/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	13,996	40,028.56	Ordinary	13,996
9/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	34,822	99,939.14	Ordinary	34,822
9/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	20,810	59,516.60	Ordinary	20,810
9/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	18,757	53,832.59	Ordinary	18,757
9/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	51,780	148,608.60	Ordinary	51,780
12/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	30,110	86,114.60	Ordinary	30,110
12/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	165,337	472,863.82	Ordinary	165,337
12/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	2,275	6,506.50	Ordinary	2,275
12/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	12,494	35,732.84	Ordinary	12,494
12/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	49,031	140,228.66	Ordinary	49,031
12/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	8,929	25,536.94	Ordinary	8,929
12/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	13,277	37,972.22	Ordinary	13,277
12/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	72,905	208,508.30	Ordinary	72,905
13/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	78,012	223,894.44	Ordinary	78,012
13/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	43,464	125,176.32	Ordinary	43,464
13/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	5,895	16,918.65	Ordinary	5,895
13/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	3,284	9,457.92	Ordinary	3,284
13/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	12,889	37,120.32	Ordinary	12,889
13/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	23,135	66,397.45	Ordinary	23,135
13/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	34,399	98,725.13	Ordinary	34,399
13/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	19,166	55,198.08	Ordinary	19,166
14/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	23,938	69,180.82	Ordinary	23,938
14/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	38,278	110,623.42	Ordinary	38,278
14/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	1,809	5,228.01	Ordinary	1,809
14/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	2,892	8,357.88	Ordinary	2,892
14/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	7,099	20,516.11	Ordinary	7,099
14/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	11,351	32,804.39	Ordinary	11,351
14/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	10,556	30,506.84	Ordinary	10,556
14/08/2019	HSBC Custody Nominees (Australia) Limited.	Buy	16,878	48,777.42	Ordinary	16,878
Total			3,269,534	9,255,692.76		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
18/07/2019	UB Wealth Management	Buy	1,056	3,009.60	Ordinary	1,056
26/07/2019	UB Wealth Management	Buy	1,066	2,952.82	Ordinary	1,066
Total			2,122	5,962.42		

Pendal Fund Services Limited

3,271,656

9,261,655.18

Pendal Institutional Limited

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
16/07/2019	Australia and New Zealand Banking Group	Buy	426	1,205.58	Ordinary	426
17/07/2019	Australia and New Zealand Banking Group	Buy	8,410	24,220.80	Ordinary	8,410
18/07/2019	Australia and New Zealand Banking Group	Buy	2,699	7,692.15	Ordinary	2,699
	Total		11,535	33,118.53		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
31/07/2019	BNP Fund Services Australasia Pty Limited	Sell	-2,245	-6,308.45	Ordinary	2,245
31/07/2019	BNP Fund Services Australasia Pty Limited	Buy	3,015	8,472.15	Ordinary	3,015
31/07/2019	BNP Fund Services Australasia Pty Limited	Buy	116	325.96	Ordinary	116
31/07/2019	BNP Fund Services Australasia Pty Limited	Buy	620	1,742.20	Ordinary	620
31/07/2019	BNP Fund Services Australasia Pty Limited	Sell	-813	-2,284.53	Ordinary	813
31/07/2019	BNP Fund Services Australasia Pty Limited	Buy	2,870	8,093.40	Ordinary	2,870
1/08/2019	BNP Fund Services Australasia Pty Limited	Buy	22,366	62,401.14	Ordinary	22,366
2/08/2019	BNP Fund Services Australasia Pty Limited	Buy	4,319	12,093.20	Ordinary	4,319
6/08/2019	BNP Fund Services Australasia Pty Limited	Buy	19,891	54,700.25	Ordinary	19,891
8/08/2019	BNP Fund Services Australasia Pty Limited	Buy	1,551	4,420.35	Ordinary	1,551
8/08/2019	BNP Fund Services Australasia Pty Limited	Buy	1,957	5,557.88	Ordinary	1,957
9/08/2019	BNP Fund Services Australasia Pty Limited	Buy	3,124	8,965.88	Ordinary	3,124
9/08/2019	BNP Fund Services Australasia Pty Limited	Buy	8,623	24,748.01	Ordinary	8,623
9/08/2019	BNP Fund Services Australasia Pty Limited	Buy	3,466	9,912.76	Ordinary	3,466
12/08/2019	BNP Fund Services Australasia Pty Limited	Buy	2,211	6,323.46	Ordinary	2,211
12/08/2019	BNP Fund Services Australasia Pty Limited	Buy	12,142	34,726.12	Ordinary	12,142
13/08/2019	BNP Fund Services Australasia Pty Limited	Buy	5,729	16,442.23	Ordinary	5,729
13/08/2019	BNP Fund Services Australasia Pty Limited	Buy	3,192	9,192.96	Ordinary	3,192
14/08/2019	BNP Fund Services Australasia Pty Limited	Buy	1,758	5,080.62	Ordinary	1,758
14/08/2019	BNP Fund Services Australasia Pty Limited	Buy	2,811	8,123.79	Ordinary	2,811
	Total		96,703	272,729.38		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
31/07/2019	Citicorp Nominees Pty Limited	Buy	24,566	69,276.12	Ordinary	24,566
31/07/2019	Citicorp Nominees Pty Limited	Buy	5,309	14,918.29	Ordinary	5,309
31/07/2019	Citicorp Nominees Pty Limited	Sell	-3,920	-11,015.20	Ordinary	3,920
31/07/2019	Citicorp Nominees Pty Limited	Buy	25,810	72,526.10	Ordinary	25,810

31/07/2019	Citicorp Nominees Pty Limited	Sell	-1,418	-3,984.58	Ordinary	1,418
31/07/2019	Citicorp Nominees Pty Limited	Buy	990	2,781.90	Ordinary	990
1/08/2019	Citicorp Nominees Pty Limited	Buy	76,001	212,042.79	Ordinary	76,001
2/08/2019	Citicorp Nominees Pty Limited	Buy	14,676	41,092.80	Ordinary	14,676
6/08/2019	Citicorp Nominees Pty Limited	Buy	56,423	155,163.25	Ordinary	56,423
8/08/2019	Citicorp Nominees Pty Limited	Buy	4,401	12,542.85	Ordinary	4,401
8/08/2019	Citicorp Nominees Pty Limited	Buy	5,550	15,762.00	Ordinary	5,550
9/08/2019	Citicorp Nominees Pty Limited	Buy	8,861	25,431.07	Ordinary	8,861
9/08/2019	Citicorp Nominees Pty Limited	Buy	24,461	70,203.07	Ordinary	24,461
9/08/2019	Citicorp Nominees Pty Limited	Buy	9,831	28,116.66	Ordinary	9,831
12/08/2019	Citicorp Nominees Pty Limited	Buy	34,441	98,501.26	Ordinary	34,441
12/08/2019	Citicorp Nominees Pty Limited	Buy	6,272	17,937.92	Ordinary	6,272
13/08/2019	Citicorp Nominees Pty Limited	Buy	16,251	46,640.37	Ordinary	16,251
13/08/2019	Citicorp Nominees Pty Limited	Buy	9,054	26,075.52	Ordinary	9,054
14/08/2019	Citicorp Nominees Pty Limited	Buy	7,973	23,041.97	Ordinary	7,973
14/08/2019	Citicorp Nominees Pty Limited	Buy	4,987	14,412.43	Ordinary	4,987
Total			330,519	931,466.59		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
16/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,706	7,657.98	Ordinary	2,706
17/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	53,482	154,028.16	Ordinary	53,482
18/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	36,606	104,327.10	Ordinary	36,606
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	37	103.97	Ordinary	37
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	925	2,608.50	Ordinary	925
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-24	-67.44	Ordinary	24
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-51	-143.31	Ordinary	51
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-208	-584.48	Ordinary	208
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	972	2,731.32	Ordinary	972
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	200	562.00	Ordinary	200
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,408	3,956.48	Ordinary	1,408
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-417	-1,171.77	Ordinary	417
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	263	739.03	Ordinary	263
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-1,153	-3,239.93	Ordinary	1,153
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	6,847	19,240.07	Ordinary	6,847
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	6,516	18,375.12	Ordinary	6,516
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	26,748	75,161.88	Ordinary	26,748
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	25,459	71,794.38	Ordinary	25,459
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-9,416	-26,458.96	Ordinary	9,416
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	5,502	15,460.62	Ordinary	5,502
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,026	2,883.06	Ordinary	1,026
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-3,408	-9,576.48	Ordinary	3,408
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,290	3,624.90	Ordinary	1,290
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	5,968	16,829.76	Ordinary	5,968
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	6,269	17,615.89	Ordinary	6,269
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	241	677.21	Ordinary	241
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-755	-2,121.55	Ordinary	755

31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-273	-767.13	Ordinary	273
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-1,248	-3,506.88	Ordinary	1,248
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-3,447	-9,686.07	Ordinary	3,447
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-4,668	-13,117.08	Ordinary	4,668
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,918	8,199.58	Ordinary	2,918
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	15,647	43,968.07	Ordinary	15,647
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-12,900	-36,249.00	Ordinary	12,900
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	72,396	204,156.72	Ordinary	72,396
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	76,061	213,731.41	Ordinary	76,061
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-658	-1,848.98	Ordinary	658
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	10,142	28,499.02	Ordinary	10,142
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	9,653	27,221.46	Ordinary	9,653
31/07/2019	HSBC Custody Nominees (Australia) Limited	Sell	-1,817	-5,105.77	Ordinary	1,817
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	389	1,093.09	Ordinary	389
31/07/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,086	5,861.66	Ordinary	2,086
1/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	3,396	9,474.84	Ordinary	3,396
1/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	20,651	57,616.29	Ordinary	20,651
1/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	126,569	353,127.51	Ordinary	126,569
1/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	16,925	47,220.75	Ordinary	16,925
1/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	25,989	72,509.31	Ordinary	25,989
2/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	656	1,836.80	Ordinary	656
2/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	3,988	11,166.40	Ordinary	3,988
2/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	24,441	68,434.80	Ordinary	24,441
2/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	3,268	9,150.40	Ordinary	3,268
2/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	5,019	14,053.20	Ordinary	5,019
6/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	3,926	10,796.50	Ordinary	3,926
6/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	6,604	18,227.04	Ordinary	6,604
6/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	18,066	49,681.50	Ordinary	18,066
6/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	106,028	291,577.00	Ordinary	106,028
6/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	13,947	38,354.25	Ordinary	13,947
6/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	46,589	128,119.75	Ordinary	46,589
6/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	108,445	298,223.75	Ordinary	108,445
6/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	26,127	71,849.25	Ordinary	26,127
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	386	1,096.24	Ordinary	386
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	306	872.10	Ordinary	306
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,777	5,046.68	Ordinary	1,777
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,409	4,015.65	Ordinary	1,409
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	10,430	29,621.20	Ordinary	10,430
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	8,269	23,566.65	Ordinary	8,269
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,372	3,896.48	Ordinary	1,372
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,088	3,100.80	Ordinary	1,088
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	3,633	10,354.05	Ordinary	3,633
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	4,583	13,015.72	Ordinary	4,583
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	8,457	24,102.45	Ordinary	8,457
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	10,668	30,297.12	Ordinary	10,668
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,038	5,808.30	Ordinary	2,038
8/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,570	7,298.80	Ordinary	2,570
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,702	4,884.74	Ordinary	1,702
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	684	1,956.24	Ordinary	684

9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	616	1,767.92	Ordinary	616
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,837	8,142.19	Ordinary	2,837
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	7,832	22,477.84	Ordinary	7,832
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	3,148	9,003.28	Ordinary	3,148
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	18,474	52,835.64	Ordinary	18,474
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	45,966	131,922.42	Ordinary	45,966
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	16,651	47,788.37	Ordinary	16,651
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,190	6,285.30	Ordinary	2,190
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,430	6,949.80	Ordinary	2,430
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	6,047	17,354.89	Ordinary	6,047
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	8,118	23,217.48	Ordinary	8,118
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	7,317	20,999.79	Ordinary	7,317
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	20,197	57,965.39	Ordinary	20,197
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	18,895	54,039.70	Ordinary	18,895
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	17,031	48,878.97	Ordinary	17,031
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	47,014	134,930.18	Ordinary	47,014
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	11,327	32,508.49	Ordinary	11,327
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	4,552	13,018.72	Ordinary	4,552
9/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	4,103	11,775.61	Ordinary	4,103
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,397	6,855.42	Ordinary	2,397
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	436	1,246.96	Ordinary	436
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,008	5,742.88	Ordinary	2,008
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	11,028	31,540.08	Ordinary	11,028
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	64,720	185,099.20	Ordinary	64,720
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	11,786	33,707.96	Ordinary	11,786
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,550	4,433.00	Ordinary	1,550
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	8,514	24,350.04	Ordinary	8,514
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	5,179	14,811.94	Ordinary	5,179
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	28,438	81,332.68	Ordinary	28,438
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	66,196	189,320.56	Ordinary	66,196
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	12,055	34,477.30	Ordinary	12,055
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,904	8,305.44	Ordinary	2,904
12/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	15,948	45,611.28	Ordinary	15,948
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	630	1,814.40	Ordinary	630
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,131	3,245.97	Ordinary	1,131
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	5,203	14,932.61	Ordinary	5,203
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,899	8,349.12	Ordinary	2,899
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	17,014	49,000.32	Ordinary	17,014
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	30,537	87,641.19	Ordinary	30,537
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	4,017	11,528.79	Ordinary	4,017
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,238	6,445.44	Ordinary	2,238
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	7,476	21,530.88	Ordinary	7,476
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	13,418	38,509.66	Ordinary	13,418
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	17,402	50,117.76	Ordinary	17,402
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	31,234	89,641.58	Ordinary	31,234
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	7,525	21,596.75	Ordinary	7,525
13/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	4,192	12,072.96	Ordinary	4,192
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	555	1,603.95	Ordinary	555
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	347	1,002.83	Ordinary	347

14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,553	7,378.17	Ordinary	2,553
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,597	4,615.33	Ordinary	1,597
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	9,370	27,079.30	Ordinary	9,370
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	14,984	43,303.76	Ordinary	14,984
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,971	5,696.19	Ordinary	1,971
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	1,233	3,563.37	Ordinary	1,233
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	6,584	19,027.76	Ordinary	6,584
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	4,117	11,898.13	Ordinary	4,117
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	15,325	44,289.25	Ordinary	15,325
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	9,584	27,697.76	Ordinary	9,584
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,309	6,673.01	Ordinary	2,309
14/08/2019	HSBC Custody Nominees (Australia) Limited	Buy	3,692	10,669.88	Ordinary	3,692
Total			1,648,361	4,657,439.01		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
31/07/2019	J P Morgan Chase Bank	Buy	19,662	55,446.84	Ordinary	19,662
31/07/2019	J P Morgan Chase Bank	Buy	792	2,225.52	Ordinary	792
31/07/2019	J P Morgan Chase Bank	Sell	-3,608	-10,138.48	Ordinary	3,608
31/07/2019	J P Morgan Chase Bank	Buy	4,249	11,939.69	Ordinary	4,249
31/07/2019	J P Morgan Chase Bank	Sell	-1,306	-3,669.86	Ordinary	1,306
31/07/2019	J P Morgan Chase Bank	Buy	20,658	58,048.98	Ordinary	20,658
31/07/2019	J P Morgan Chase Bank	Buy	2,212	6,215.72	Ordinary	2,212
31/07/2019	J P Morgan Chase Bank	Buy	57,647	161,988.07	Ordinary	57,647
31/07/2019	J P Morgan Chase Bank	Sell	-7,079	-19,891.99	Ordinary	7,079
31/07/2019	J P Morgan Chase Bank	Buy	54,869	154,730.58	Ordinary	54,869
31/07/2019	J P Morgan Chase Bank	Sell	-2,562	-7,199.22	Ordinary	2,562
31/07/2019	J P Morgan Chase Bank	Buy	11,859	33,323.79	Ordinary	11,859
31/07/2019	J P Morgan Chase Bank	Buy	18,916	53,153.96	Ordinary	18,916
31/07/2019	J P Morgan Chase Bank	Sell	-1,003	-2,818.43	Ordinary	1,003
31/07/2019	J P Morgan Chase Bank	Buy	726	2,040.06	Ordinary	726
31/07/2019	J P Morgan Chase Bank	Buy	3,892	10,936.52	Ordinary	3,892
31/07/2019	J P Morgan Chase Bank	Sell	-2,772	-7,789.32	Ordinary	2,772
31/07/2019	J P Morgan Chase Bank	Buy	18,006	50,776.92	Ordinary	18,006
31/07/2019	J P Morgan Chase Bank	Sell	-582	-1,635.42	Ordinary	582
31/07/2019	J P Morgan Chase Bank	Buy	21,715	61,236.30	Ordinary	21,715
31/07/2019	J P Morgan Chase Bank	Buy	4,693	13,187.33	Ordinary	4,693
31/07/2019	J P Morgan Chase Bank	Buy	22,816	64,112.96	Ordinary	22,816
31/07/2019	J P Morgan Chase Bank	Buy	875	2,458.75	Ordinary	875
31/07/2019	J P Morgan Chase Bank	Sell	-1,609	-4,521.29	Ordinary	1,609
1/08/2019	J P Morgan Chase Bank	Buy	63,012	175,803.48	Ordinary	63,012
1/08/2019	J P Morgan Chase Bank	Buy	127,326	355,239.54	Ordinary	127,326
1/08/2019	J P Morgan Chase Bank	Buy	44,556	124,311.24	Ordinary	44,556
1/08/2019	J P Morgan Chase Bank	Buy	31,247	87,179.13	Ordinary	31,247
2/08/2019	J P Morgan Chase Bank	Buy	12,168	34,070.40	Ordinary	12,168
2/08/2019	J P Morgan Chase Bank	Buy	24,587	68,843.60	Ordinary	24,587
2/08/2019	J P Morgan Chase Bank	Buy	8,604	24,091.20	Ordinary	8,604
2/08/2019	J P Morgan Chase Bank	Buy	6,034	16,895.20	Ordinary	6,034

6/08/2019	J P Morgan Chase Bank	Buy	54,284	149,281.00	Ordinary	54,284
6/08/2019	J P Morgan Chase Bank	Buy	123,297	339,066.75	Ordinary	123,297
6/08/2019	J P Morgan Chase Bank	Buy	44,014	121,038.50	Ordinary	44,014
6/08/2019	J P Morgan Chase Bank	Buy	11,870	32,642.50	Ordinary	11,870
8/08/2019	J P Morgan Chase Bank	Buy	4,233	12,064.05	Ordinary	4,233
8/08/2019	J P Morgan Chase Bank	Buy	5,340	15,165.60	Ordinary	5,340
8/08/2019	J P Morgan Chase Bank	Buy	12,128	34,443.52	Ordinary	12,128
8/08/2019	J P Morgan Chase Bank	Buy	9,616	27,405.60	Ordinary	9,616
8/08/2019	J P Morgan Chase Bank	Buy	3,433	9,784.05	Ordinary	3,433
8/08/2019	J P Morgan Chase Bank	Buy	4,329	12,294.36	Ordinary	4,329
8/08/2019	J P Morgan Chase Bank	Buy	926	2,639.10	Ordinary	926
8/08/2019	J P Morgan Chase Bank	Buy	1,167	3,314.28	Ordinary	1,167
9/08/2019	J P Morgan Chase Bank	Buy	8,525	24,466.75	Ordinary	8,525
9/08/2019	J P Morgan Chase Bank	Buy	9,458	27,049.88	Ordinary	9,458
9/08/2019	J P Morgan Chase Bank	Buy	23,534	67,542.58	Ordinary	23,534
9/08/2019	J P Morgan Chase Bank	Buy	21,483	61,441.38	Ordinary	21,483
9/08/2019	J P Morgan Chase Bank	Buy	19,363	55,571.81	Ordinary	19,363
9/08/2019	J P Morgan Chase Bank	Buy	53,453	153,410.11	Ordinary	53,453
9/08/2019	J P Morgan Chase Bank	Buy	19,082	54,765.34	Ordinary	19,082
9/08/2019	J P Morgan Chase Bank	Buy	6,912	19,837.44	Ordinary	6,912
9/08/2019	J P Morgan Chase Bank	Buy	7,669	21,933.34	Ordinary	7,669
9/08/2019	J P Morgan Chase Bank	Buy	5,146	14,769.02	Ordinary	5,146
9/08/2019	J P Morgan Chase Bank	Buy	2,068	5,914.48	Ordinary	2,068
9/08/2019	J P Morgan Chase Bank	Buy	1,864	5,349.68	Ordinary	1,864
12/08/2019	J P Morgan Chase Bank	Buy	33,136	94,768.96	Ordinary	33,136
12/08/2019	J P Morgan Chase Bank	Buy	6,034	17,257.24	Ordinary	6,034
12/08/2019	J P Morgan Chase Bank	Buy	13,706	39,199.16	Ordinary	13,706
12/08/2019	J P Morgan Chase Bank	Buy	75,261	215,246.46	Ordinary	75,261
12/08/2019	J P Morgan Chase Bank	Buy	4,893	13,993.98	Ordinary	4,893
12/08/2019	J P Morgan Chase Bank	Buy	26,867	76,839.62	Ordinary	26,867
12/08/2019	J P Morgan Chase Bank	Buy	1,319	3,772.34	Ordinary	1,319
12/08/2019	J P Morgan Chase Bank	Buy	7,246	20,723.56	Ordinary	7,246
13/08/2019	J P Morgan Chase Bank	Buy	8,711	25,087.68	Ordinary	8,711
13/08/2019	J P Morgan Chase Bank	Buy	15,634	44,869.58	Ordinary	15,634
13/08/2019	J P Morgan Chase Bank	Buy	19,785	56,980.80	Ordinary	19,785
13/08/2019	J P Morgan Chase Bank	Buy	35,511	101,916.57	Ordinary	35,511
13/08/2019	J P Morgan Chase Bank	Buy	7,063	20,341.44	Ordinary	7,063
13/08/2019	J P Morgan Chase Bank	Buy	12,677	36,382.99	Ordinary	12,677
13/08/2019	J P Morgan Chase Bank	Buy	3,418	9,809.66	Ordinary	3,418
13/08/2019	J P Morgan Chase Bank	Buy	1,905	5,486.40	Ordinary	1,905
14/08/2019	J P Morgan Chase Bank	Buy	7,671	22,169.19	Ordinary	7,671
14/08/2019	J P Morgan Chase Bank	Buy	4,798	13,866.22	Ordinary	4,798
14/08/2019	J P Morgan Chase Bank	Buy	17,424	50,355.36	Ordinary	17,424
14/08/2019	J P Morgan Chase Bank	Buy	10,896	31,489.44	Ordinary	10,896
14/08/2019	J P Morgan Chase Bank	Buy	6,220	17,975.80	Ordinary	6,220
14/08/2019	J P Morgan Chase Bank	Buy	3,890	11,242.10	Ordinary	3,890
14/08/2019	J P Morgan Chase Bank	Buy	1,677	4,846.53	Ordinary	1,677
14/08/2019	J P Morgan Chase Bank	Buy	1,049	3,031.61	Ordinary	1,049
Total			1,340,585	3,779,435.58		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
31/07/2019	National Australia Bank	Buy	1,441	4,049.21	Ordinary	1,441
31/07/2019	National Australia Bank	Buy	6,665	18,795.30	Ordinary	6,665
31/07/2019	National Australia Bank	Sell	-632	-1,775.92	Ordinary	632
31/07/2019	National Australia Bank	Buy	7,002	19,675.62	Ordinary	7,002
31/07/2019	National Australia Bank	Sell	-1,748	-4,911.88	Ordinary	1,748
31/07/2019	National Australia Bank	Buy	269	755.89	Ordinary	269
31/07/2019	National Australia Bank	Buy	379	1,064.99	Ordinary	379
31/07/2019	National Australia Bank	Sell	-1,703	-4,785.43	Ordinary	1,703
31/07/2019	National Australia Bank	Buy	9,409	26,533.38	Ordinary	9,409
31/07/2019	National Australia Bank	Buy	2,034	5,715.54	Ordinary	2,034
31/07/2019	National Australia Bank	Sell	-616	-1,730.96	Ordinary	616
31/07/2019	National Australia Bank	Buy	9,885	27,776.85	Ordinary	9,885
31/07/2019	National Australia Bank	Buy	44,339	124,592.59	Ordinary	44,339
31/07/2019	National Australia Bank	Buy	205,150	578,523.00	Ordinary	205,150
31/07/2019	National Australia Bank	Buy	8,269	23,235.89	Ordinary	8,269
31/07/2019	National Australia Bank	Buy	215,539	605,664.59	Ordinary	215,539
31/07/2019	National Australia Bank	Sell	-15,208	-42,734.48	Ordinary	15,208
31/07/2019	National Australia Bank	Sell	-5,503	-15,463.43	Ordinary	5,503
1/08/2019	National Australia Bank	Buy	25,118	70,079.22	Ordinary	25,118
1/08/2019	National Australia Bank	Buy	21,698	60,537.42	Ordinary	21,698
1/08/2019	National Australia Bank	Buy	295,226	823,680.54	Ordinary	295,226
2/08/2019	National Australia Bank	Buy	4,850	13,580.00	Ordinary	4,850
2/08/2019	National Australia Bank	Buy	4,190	11,732.00	Ordinary	4,190
2/08/2019	National Australia Bank	Buy	57,009	159,625.20	Ordinary	57,009
6/08/2019	National Australia Bank	Buy	16,825	46,268.75	Ordinary	16,825
6/08/2019	National Australia Bank	Buy	21,601	59,402.75	Ordinary	21,601
6/08/2019	National Australia Bank	Buy	112,138	308,379.50	Ordinary	112,138
8/08/2019	National Australia Bank	Buy	1,312	3,739.20	Ordinary	1,312
8/08/2019	National Australia Bank	Buy	1,655	4,700.20	Ordinary	1,655
8/08/2019	National Australia Bank	Buy	2,125	6,035.00	Ordinary	2,125
8/08/2019	National Australia Bank	Buy	1,684	4,799.40	Ordinary	1,684
8/08/2019	National Australia Bank	Buy	11,031	31,328.04	Ordinary	11,031
8/08/2019	National Australia Bank	Buy	8,745	24,923.25	Ordinary	8,745
9/08/2019	National Australia Bank	Buy	7,294	20,933.78	Ordinary	7,294
9/08/2019	National Australia Bank	Buy	2,932	8,385.52	Ordinary	2,932
9/08/2019	National Australia Bank	Buy	2,642	7,582.54	Ordinary	2,642
9/08/2019	National Australia Bank	Buy	3,764	10,765.04	Ordinary	3,764
9/08/2019	National Australia Bank	Buy	9,365	26,877.55	Ordinary	9,365
9/08/2019	National Australia Bank	Buy	3,392	9,735.04	Ordinary	3,392
9/08/2019	National Australia Bank	Buy	19,539	55,881.54	Ordinary	19,539
9/08/2019	National Australia Bank	Buy	17,611	50,543.57	Ordinary	17,611
9/08/2019	National Australia Bank	Buy	48,615	139,525.05	Ordinary	48,615
12/08/2019	National Australia Bank	Buy	10,271	29,375.06	Ordinary	10,271
12/08/2019	National Australia Bank	Buy	1,870	5,348.20	Ordinary	1,870
12/08/2019	National Australia Bank	Buy	13,186	37,711.96	Ordinary	13,186

12/08/2019	National Australia Bank	Buy	2,401	6,866.86	Ordinary	2,401
12/08/2019	National Australia Bank	Buy	68,451	195,769.86	Ordinary	68,451
12/08/2019	National Australia Bank	Buy	12,465	35,649.90	Ordinary	12,465
13/08/2019	National Australia Bank	Buy	2,700	7,776.00	Ordinary	2,700
13/08/2019	National Australia Bank	Buy	4,846	13,908.02	Ordinary	4,846
13/08/2019	National Australia Bank	Buy	6,222	17,857.14	Ordinary	6,222
13/08/2019	National Australia Bank	Buy	3,466	9,982.08	Ordinary	3,466
13/08/2019	National Australia Bank	Buy	32,297	92,692.39	Ordinary	32,297
13/08/2019	National Australia Bank	Buy	17,995	51,825.60	Ordinary	17,995
14/08/2019	National Australia Bank	Buy	2,378	6,872.42	Ordinary	2,378
14/08/2019	National Australia Bank	Buy	1,487	4,297.43	Ordinary	1,487
14/08/2019	National Australia Bank	Buy	1,909	5,517.01	Ordinary	1,909
14/08/2019	National Australia Bank	Buy	3,053	8,823.17	Ordinary	3,053
14/08/2019	National Australia Bank	Buy	15,847	45,797.83	Ordinary	15,847
14/08/2019	National Australia Bank	Buy	9,911	28,642.79	Ordinary	9,911
Total			1,396,087	3,928,734.57		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
31/07/2019	National Custodian Nominees	Buy	2,555	7,179.55	Ordinary	2,555
31/07/2019	National Custodian Nominees	Buy	11,822	33,338.04	Ordinary	11,822
31/07/2019	National Custodian Nominees	Sell	-600	-1,686.00	Ordinary	-600
31/07/2019	National Custodian Nominees	Sell	-217	-609.77	Ordinary	-217
31/07/2019	National Custodian Nominees	Buy	12,421	34,903.01	Ordinary	12,421
31/07/2019	National Custodian Nominees	Buy	476	1,337.56	Ordinary	476
1/08/2019	National Custodian Nominees	Buy	25,314	70,626.06	Ordinary	25,314
2/08/2019	National Custodian Nominees	Buy	4,888	13,686.40	Ordinary	4,888
6/08/2019	National Custodian Nominees	Buy	20,740	57,035.00	Ordinary	20,740
8/08/2019	National Custodian Nominees	Buy	1,618	4,611.30	Ordinary	1,618
8/08/2019	National Custodian Nominees	Buy	2,040	5,793.60	Ordinary	2,040
9/08/2019	National Custodian Nominees	Buy	3,614	10,336.04	Ordinary	3,614
9/08/2019	National Custodian Nominees	Buy	3,257	9,347.59	Ordinary	3,257
9/08/2019	National Custodian Nominees	Buy	8,991	25,804.17	Ordinary	8,991
12/08/2019	National Custodian Nominees	Buy	2,306	6,595.16	Ordinary	2,306
12/08/2019	National Custodian Nominees	Buy	12,660	36,207.60	Ordinary	12,660
13/08/2019	National Custodian Nominees	Buy	5,974	17,145.38	Ordinary	5,974
13/08/2019	National Custodian Nominees	Buy	3,328	9,584.64	Ordinary	3,328
14/08/2019	National Custodian Nominees	Buy	1,833	5,297.37	Ordinary	1,833
14/08/2019	National Custodian Nominees	Buy	2,931	8,470.59	Ordinary	2,931
Total			125,951	355,003.29		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
31/07/2019	Permanent Trustee Australia Limited	Buy	164	460.84	Ordinary	164
31/07/2019	Permanent Trustee Australia Limited	Buy	4,270	11,998.70	Ordinary	4,270
31/07/2019	Permanent Trustee Australia Limited	Buy	4,064	11,460.48	Ordinary	4,064
31/07/2019	Permanent Trustee Australia Limited	Sell	-78	-219.18	Ordinary	78

31/07/2019	Permanent Trustee Australia Limited	Sell	-215	-604.15	Ordinary	215
31/07/2019	Permanent Trustee Australia Limited	Buy	878	2,467.18	Ordinary	878
1/08/2019	Permanent Trustee Australia Limited	Buy	8,786	24,512.94	Ordinary	8,786
2/08/2019	Permanent Trustee Australia Limited	Buy	1,697	4,751.60	Ordinary	1,697
6/08/2019	Permanent Trustee Australia Limited	Buy	7,234	19,893.50	Ordinary	7,234
8/08/2019	Permanent Trustee Australia Limited	Buy	564	1,607.40	Ordinary	564
8/08/2019	Permanent Trustee Australia Limited	Buy	712	2,022.08	Ordinary	712
9/08/2019	Permanent Trustee Australia Limited	Buy	3,136	9,000.32	Ordinary	3,136
9/08/2019	Permanent Trustee Australia Limited	Buy	1,261	3,606.46	Ordinary	1,261
9/08/2019	Permanent Trustee Australia Limited	Buy	1,136	3,260.32	Ordinary	1,136
12/08/2019	Permanent Trustee Australia Limited	Buy	804	2,299.44	Ordinary	804
12/08/2019	Permanent Trustee Australia Limited	Buy	4,416	12,629.76	Ordinary	4,416
13/08/2019	Permanent Trustee Australia Limited	Buy	1,161	3,343.68	Ordinary	1,161
13/08/2019	Permanent Trustee Australia Limited	Buy	2,084	5,981.08	Ordinary	2,084
14/08/2019	Permanent Trustee Australia Limited	Buy	639	1,846.71	Ordinary	639
14/08/2019	Permanent Trustee Australia Limited	Buy	1,023	2,956.47	Ordinary	1,023
Total			43,736	123,275.63		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
16/07/2019	State Street Australia Limited	Buy	8,171	23,123.93	Ordinary	8,171
16/07/2019	State Street Australia Limited	Buy	4,065	11,503.95	Ordinary	4,065
17/07/2019	State Street Australia Limited	Buy	161,503	465,128.64	Ordinary	161,503
17/07/2019	State Street Australia Limited	Buy	80,343	231,387.84	Ordinary	80,343
18/07/2019	State Street Australia Limited	Buy	72,427	206,416.95	Ordinary	72,427
18/07/2019	State Street Australia Limited	Buy	36,025	102,671.25	Ordinary	36,025
31/07/2019	State Street Australia Limited	Buy	1,002	2,815.62	Ordinary	1,002
31/07/2019	State Street Australia Limited	Buy	24,867	70,124.94	Ordinary	24,867
31/07/2019	State Street Australia Limited	Buy	5,375	15,103.75	Ordinary	5,375
31/07/2019	State Street Australia Limited	Sell	-3,456	-9,711.36	Ordinary	3,456
31/07/2019	State Street Australia Limited	Sell	-1,250	-3,512.50	Ordinary	1,250
31/07/2019	State Street Australia Limited	Buy	26,127	73,416.87	Ordinary	26,127
31/07/2019	State Street Australia Limited	Buy	12,252	34,550.64	Ordinary	12,252
31/07/2019	State Street Australia Limited	Buy	494	1,388.14	Ordinary	494
31/07/2019	State Street Australia Limited	Buy	2,648	7,440.88	Ordinary	2,648
31/07/2019	State Street Australia Limited	Sell	-616	-1,730.96	Ordinary	616
31/07/2019	State Street Australia Limited	Sell	-1,703	-4,785.43	Ordinary	1,703
31/07/2019	State Street Australia Limited	Buy	12,872	36,170.32	Ordinary	12,872
1/08/2019	State Street Australia Limited	Buy	70,004	195,311.16	Ordinary	70,004
1/08/2019	State Street Australia Limited	Buy	34,497	96,246.63	Ordinary	34,497
2/08/2019	State Street Australia Limited	Buy	13,518	37,850.40	Ordinary	13,518
2/08/2019	State Street Australia Limited	Buy	6,661	18,650.80	Ordinary	6,661
6/08/2019	State Street Australia Limited	Buy	54,564	150,051.00	Ordinary	54,564
6/08/2019	State Street Australia Limited	Buy	26,889	73,944.75	Ordinary	26,889
8/08/2019	State Street Australia Limited	Buy	5,368	15,245.12	Ordinary	5,368
8/08/2019	State Street Australia Limited	Buy	4,255	12,126.75	Ordinary	4,255
8/08/2019	State Street Australia Limited	Buy	2,645	7,511.80	Ordinary	2,645

8/08/2019	State Street Australia Limited	Buy	2,097	5,976.45	Ordinary	2,097
9/08/2019	State Street Australia Limited	Buy	8,569	24,593.03	Ordinary	8,569
9/08/2019	State Street Australia Limited	Buy	23,655	67,889.85	Ordinary	23,655
9/08/2019	State Street Australia Limited	Buy	9,507	27,190.02	Ordinary	9,507
9/08/2019	State Street Australia Limited	Buy	4,685	13,399.10	Ordinary	4,685
9/08/2019	State Street Australia Limited	Buy	11,657	33,455.59	Ordinary	11,657
9/08/2019	State Street Australia Limited	Buy	4,223	12,120.01	Ordinary	4,223
12/08/2019	State Street Australia Limited	Buy	6,065	17,345.90	Ordinary	6,065
12/08/2019	State Street Australia Limited	Buy	33,306	95,255.16	Ordinary	33,306
12/08/2019	State Street Australia Limited	Buy	2,989	8,548.54	Ordinary	2,989
12/08/2019	State Street Australia Limited	Buy	16,413	46,941.18	Ordinary	16,413
13/08/2019	State Street Australia Limited	Buy	15,715	45,102.05	Ordinary	15,715
13/08/2019	State Street Australia Limited	Buy	8,756	25,217.28	Ordinary	8,756
13/08/2019	State Street Australia Limited	Buy	4,315	12,427.20	Ordinary	4,315
13/08/2019	State Street Australia Limited	Buy	7,744	22,225.28	Ordinary	7,744
14/08/2019	State Street Australia Limited	Buy	7,711	22,284.79	Ordinary	7,711
14/08/2019	State Street Australia Limited	Buy	4,822	13,935.58	Ordinary	4,822
14/08/2019	State Street Australia Limited	Buy	2,376	6,866.64	Ordinary	2,376
14/08/2019	State Street Australia Limited	Buy	3,800	10,982.00	Ordinary	3,800
Total			837,952	2,380,197.53		

Pendal Institutional Limited

5,831,429

16,461,400.11