

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

29 January 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 24/01/2019

The previous notice was given to the company on 27/09/2018

The previous notice was dated 25/09/2018

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	126,778,414	13.94%	117,633,773	12.94%

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
24/01/2019	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.	44,198,252 Ordinary	44,198,252
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..	73,435,521 Ordinary	73,435,521

* 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.

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 - 29/01/2019

TRANSACTION HISTORY

Sales & Purchases for the period : 26/09/2018 to 24/01/2019

SECURITY: MTS

Pental Fund Services Limited

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-8,996	-26,898.04	Ordinary	8,996
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-5,440	-16,374.40	Ordinary	5,440
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-1,466	-4,412.66	Ordinary	1,466
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-2,424	-7,247.76	Ordinary	2,424
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-54,056	-161,627.44	Ordinary	54,056
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-127,857	-382,292.43	Ordinary	127,857
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-78,372	-234,332.28	Ordinary	78,372
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-41,883	-126,067.83	Ordinary	41,883
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-69,254	-207,069.46	Ordinary	69,254
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-53,318	-159,420.82	Ordinary	53,318
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-25,638	-76,657.62	Ordinary	25,638
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-2,949	-8,876.49	Ordinary	2,949
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-4,875	-14,576.25	Ordinary	4,875
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-25,207	-75,368.93	Ordinary	25,207
26/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-15,245	-45,887.45	Ordinary	15,245
27/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-18,236	-54,708.00	Ordinary	18,236
28/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-215,006	-642,867.94	Ordinary	215,006
28/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-17,370	-51,936.30	Ordinary	17,370
28/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-314,252	-942,756.00	Ordinary	314,252
28/09/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-137,389	-410,793.11	Ordinary	137,389
5/10/2018	HSBC Custody Nominees (Australia) Limited.	Buy	76,343	226,738.71	Ordinary	76,343
8/10/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-22,913	-66,905.96	Ordinary	22,913
22/10/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-66,619	-193,861.29	Ordinary	66,619
22/10/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-315,195	-917,217.45	Ordinary	315,195
22/10/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-117,481	-341,869.71	Ordinary	117,481
25/10/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-281,371	-807,534.77	Ordinary	281,371
25/10/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-396,772	-1,138,735.64	Ordinary	396,772
2/11/2018	HSBC Custody Nominees (Australia) Limited.	Buy	201,428	563,998.40	Ordinary	201,428
7/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-155,865	-452,008.50	Ordinary	155,865
7/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-51,076	-148,120.40	Ordinary	51,076
14/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-39,582	-118,746.00	Ordinary	39,582
14/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-193,220	-579,660.00	Ordinary	193,220
14/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-144,125	-432,375.00	Ordinary	144,125
16/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-137,306	-391,322.10	Ordinary	137,306

16/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-125,852	-358,678.20	Ordinary	125,852
30/11/2018	HSBC Custody Nominees (Australia) Limited.	Buy	125,063	346,424.51	Ordinary	125,063
30/11/2018	HSBC Custody Nominees (Australia) Limited.	Buy	157,344	435,842.88	Ordinary	157,344
30/11/2018	HSBC Custody Nominees (Australia) Limited.	Buy	357,544	990,396.88	Ordinary	357,544
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-44,652	-109,843.92	Ordinary	44,652
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-103,387	-252,264.28	Ordinary	103,387
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-113,190	-276,183.60	Ordinary	113,190
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-1,195	-2,939.70	Ordinary	1,195
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-5,796	-14,142.24	Ordinary	5,796
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-51,841	-126,492.04	Ordinary	51,841
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-10,688	-26,292.48	Ordinary	10,688
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-44,159	-108,631.14	Ordinary	44,159
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-57,096	-139,314.24	Ordinary	57,096
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-87,081	-214,219.26	Ordinary	87,081
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-344,364	-840,248.16	Ordinary	344,364
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-4,022	-9,894.12	Ordinary	4,022
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-249,597	-609,016.68	Ordinary	249,597
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-5,006	-12,214.64	Ordinary	5,006
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-7,059	-17,365.14	Ordinary	7,059
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-34,241	-83,548.04	Ordinary	34,241
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-25,593	-62,958.78	Ordinary	25,593
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-124,134	-302,886.96	Ordinary	124,134
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-75,935	-185,281.40	Ordinary	75,935
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-9,927	-24,221.88	Ordinary	9,927
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-105,715	-257,944.60	Ordinary	105,715
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-18,669	-45,552.36	Ordinary	18,669
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-17,884	-43,636.96	Ordinary	17,884
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-36,741	-89,648.04	Ordinary	36,741
4/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-54,609	-134,338.14	Ordinary	54,609
28/12/2018	HSBC Custody Nominees (Australia) Limited.	Buy	31,499	76,857.56	Ordinary	31,499
2/01/2019	HSBC Custody Nominees (Australia) Limited.	Buy	6,736	16,031.68	Ordinary	6,736
23/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-154,896	-399,631.68	Ordinary	154,896
23/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-40,415	-104,270.70	Ordinary	40,415
23/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-5,323	-13,733.34	Ordinary	5,323
23/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-51,742	-133,494.36	Ordinary	51,742
23/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-365,531	-943,069.98	Ordinary	365,531
23/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-302,877	-781,422.66	Ordinary	302,877
23/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-31,411	-81,040.38	Ordinary	31,411
23/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-16,148	-41,661.84	Ordinary	16,148
23/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-94,671	-244,251.18	Ordinary	94,671
24/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-76,421	-198,694.60	Ordinary	76,421
24/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-2,083	-5,415.80	Ordinary	2,083
24/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-20,246	-52,639.60	Ordinary	20,246
24/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-5,957	-15,488.20	Ordinary	5,957
24/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-255,578	-664,502.80	Ordinary	255,578
24/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-12,291	-31,956.60	Ordinary	12,291
24/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-39,886	-103,703.60	Ordinary	39,886
24/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-3,475	-9,035.00	Ordinary	3,475
	Total		-5,422,185	-14,754,006.73		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
22/10/2018	UBS Wealth Management	Sell	-549	-1,608.57	Ordinary	549
22/10/2018	UBS Wealth Management	Sell	-1,604	-4,699.72	Ordinary	1,604
4/12/2018	UBS Wealth Management	Sell	-22	-54.12	Ordinary	22
4/12/2018	UBS Wealth Management	Sell	-104	-253.76	Ordinary	104
23/01/2019	UBS Wealth Management	Sell	-132	-340.56	Ordinary	132
24/01/2019	UBS Wealth Management	Sell	-51	-132.60	Ordinary	51
	Total		-2,462	-7,089.33		
	Pendal Fund Services Limited		-5,424,647	-14,761,096.06		

Pendal Institutional Limited

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
26/09/2018	Australia and New Zealand Banking Group	Sell	-1,111	-3,344.11	Ordinary	1,111
26/09/2018	Australia and New Zealand Banking Group	Sell	-968	-2,894.32	Ordinary	968
26/09/2018	Australia and New Zealand Banking Group	Sell	-2,312	-6,912.88	Ordinary	2,312
26/09/2018	Australia and New Zealand Banking Group	Sell	-1,836	-5,489.64	Ordinary	1,836
26/09/2018	Australia and New Zealand Banking Group	Sell	-2,675	-7,998.25	Ordinary	2,675
27/09/2018	Australia and New Zealand Banking Group	Sell	-550	-1,650.00	Ordinary	550
28/09/2018	Australia and New Zealand Banking Group	Sell	-3,137	-9,379.63	Ordinary	3,137
28/09/2018	Australia and New Zealand Banking Group	Sell	-8,182	-24,546.00	Ordinary	8,182
28/09/2018	Australia and New Zealand Banking Group	Sell	-4,029	-12,046.71	Ordinary	4,029
28/09/2018	Australia and New Zealand Banking Group	Sell	-2,362	-7,062.38	Ordinary	2,362
28/09/2018	Australia and New Zealand Banking Group	Sell	-99	-296.01	Ordinary	99
22/10/2018	Australia and New Zealand Banking Group	Sell	-1,682	-4,894.62	Ordinary	1,682
22/10/2018	Australia and New Zealand Banking Group	Sell	-112	-325.92	Ordinary	112
22/10/2018	Australia and New Zealand Banking Group	Sell	-10,258	-29,850.78	Ordinary	10,258
22/10/2018	Australia and New Zealand Banking Group	Sell	-147	-427.77	Ordinary	147
22/10/2018	Australia and New Zealand Banking Group	Sell	-3,753	-10,921.23	Ordinary	3,753
25/10/2018	Australia and New Zealand Banking Group	Sell	-9,721	-27,899.27	Ordinary	9,721
25/10/2018	Australia and New Zealand Banking Group	Sell	-4,689	-13,457.43	Ordinary	4,689
25/10/2018	Australia and New Zealand Banking Group	Sell	-9,182	-26,352.34	Ordinary	9,182
7/11/2018	Australia and New Zealand Banking Group	Sell	-5,893	-17,089.70	Ordinary	5,893
7/11/2018	Australia and New Zealand Banking Group	Sell	-417	-1,209.30	Ordinary	417
4/12/2018	Australia and New Zealand Banking Group	Sell	-3,481	-8,493.64	Ordinary	3,481
4/12/2018	Australia and New Zealand Banking Group	Sell	-4,311	-10,605.06	Ordinary	4,311
4/12/2018	Australia and New Zealand Banking Group	Sell	-7,706	-18,802.64	Ordinary	7,706
4/12/2018	Australia and New Zealand Banking Group	Sell	-9,720	-23,716.80	Ordinary	9,720
23/01/2019	Australia and New Zealand Banking Group	Sell	-11,511	-29,698.38	Ordinary	11,511
23/01/2019	Australia and New Zealand Banking Group	Sell	-813	-2,097.54	Ordinary	813

23/01/2019	Australia and New Zealand Banking Group	Sell	-86	-221.88	Ordinary	86
23/01/2019	Australia and New Zealand Banking Group	Sell	-8,890	-22,936.20	Ordinary	8,890
24/01/2019	Australia and New Zealand Banking Group	Sell	-322	-837.20	Ordinary	322
24/01/2019	Australia and New Zealand Banking Group	Sell	-2,049	-5,327.40	Ordinary	2,049
24/01/2019	Australia and New Zealand Banking Group	Sell	-1,587	-4,126.20	Ordinary	1,587
24/01/2019	Australia and New Zealand Banking Group	Sell	-581	-1,510.60	Ordinary	581
24/01/2019	Australia and New Zealand Banking Group	Sell	-3,795	-9,867.00	Ordinary	3,795
	Total		-127,967	-352,288.83		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
26/09/2018	BNP Fund Services Australasia Pty Limited	Sell	-339	-1,020.39	Ordinary	339
26/09/2018	BNP Fund Services Australasia Pty Limited	Sell	-561	-1,677.39	Ordinary	561
13/11/2018	BNP Fund Services Australasia Pty Limited	Sell	-7,972	-23,756.56	Ordinary	7,972
4/12/2018	BNP Fund Services Australasia Pty Limited	Sell	-19,692	-48,048.48	Ordinary	19,692
4/12/2018	BNP Fund Services Australasia Pty Limited	Sell	-4,060	-9,987.60	Ordinary	4,060
2/01/2019	BNP Fund Services Australasia Pty Limited	Sell	-24,726	-58,847.88	Ordinary	24,726
23/01/2019	BNP Fund Services Australasia Pty Limited	Sell	-18,819	-48,553.02	Ordinary	18,819
24/01/2019	BNP Fund Services Australasia Pty Limited	Sell	-7,364	-19,146.40	Ordinary	7,364
	Total		-83,533	-211,037.72		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
26/09/2018	Citicorp Nominees Pty Limited	Sell	-1,374	-4,135.74	Ordinary	1,374
26/09/2018	Citicorp Nominees Pty Limited	Sell	-2,273	-6,796.27	Ordinary	2,273
13/11/2018	Citicorp Nominees Pty Limited	Sell	-24,250	-72,265.00	Ordinary	24,250
15/11/2018	Citicorp Nominees Pty Limited	Sell	-62,989	-180,148.54	Ordinary	62,989
16/11/2018	Citicorp Nominees Pty Limited	Sell	-121,329	-345,787.65	Ordinary	121,329
4/12/2018	Citicorp Nominees Pty Limited	Sell	-50,221	-122,539.24	Ordinary	50,221
4/12/2018	Citicorp Nominees Pty Limited	Sell	-10,354	-25,470.84	Ordinary	10,354
4/12/2018	Citicorp Nominees Pty Limited	Sell	-45,921	-112,047.24	Ordinary	45,921
4/12/2018	Citicorp Nominees Pty Limited	Sell	-9,468	-23,291.28	Ordinary	9,468
28/12/2018	Citicorp Nominees Pty Limited	Buy	2,641	6,444.04	Ordinary	2,641
2/01/2019	Citicorp Nominees Pty Limited	Buy	1,543	3,672.34	Ordinary	1,543
23/01/2019	Citicorp Nominees Pty Limited	Sell	-46,157	-119,085.06	Ordinary	46,157
23/01/2019	Citicorp Nominees Pty Limited	Sell	-46,235	-119,286.30	Ordinary	46,235
24/01/2019	Citicorp Nominees Pty Limited	Sell	-18,060	-46,956.00	Ordinary	18,060
24/01/2019	Citicorp Nominees Pty Limited	Sell	-18,091	-47,036.60	Ordinary	18,091
	Total		-452,538	-1,214,729.38		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-55	-165.55	Ordinary	55
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-92	-275.08	Ordinary	92
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-5,961	-17,942.61	Ordinary	5,961
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-9,856	-29,469.44	Ordinary	9,856

26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-25,464	-76,137.36	Ordinary	25,464
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-16,157	-48,309.43	Ordinary	16,157
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-373	-1,122.73	Ordinary	373
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-616	-1,841.84	Ordinary	616
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-448	-1,348.48	Ordinary	448
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-3,626	-10,914.26	Ordinary	3,626
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-6,736	-20,140.64	Ordinary	6,736
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-432	-1,300.32	Ordinary	432
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-715	-2,137.85	Ordinary	715
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-1,950	-5,869.50	Ordinary	1,950
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-3,225	-9,642.75	Ordinary	3,225
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-3,434	-10,336.34	Ordinary	3,434
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-5,677	-16,974.23	Ordinary	5,677
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-579	-1,742.79	Ordinary	579
26/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-958	-2,864.42	Ordinary	958
27/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-2,762	-8,286.00	Ordinary	2,762
28/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-5,270	-15,810.00	Ordinary	5,270
28/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-21,976	-65,708.24	Ordinary	21,976
28/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-30,531	-91,287.69	Ordinary	30,531
28/09/2018	HSBC Custody Nominees (Australia) Limited	Sell	-39,355	-118,065.00	Ordinary	39,355
3/10/2018	HSBC Custody Nominees (Australia) Limited	Sell	-79,429	-239,875.58	Ordinary	79,429
3/10/2018	HSBC Custody Nominees (Australia) Limited	Sell	-12,458	-37,623.16	Ordinary	12,458
22/10/2018	HSBC Custody Nominees (Australia) Limited	Sell	-16,819	-48,943.29	Ordinary	16,819
22/10/2018	HSBC Custody Nominees (Australia) Limited	Sell	-61,661	-179,433.51	Ordinary	61,661
22/10/2018	HSBC Custody Nominees (Australia) Limited	Sell	-2,154	-6,268.14	Ordinary	2,154
25/10/2018	HSBC Custody Nominees (Australia) Limited	Buy	6,302	17,645.60	Ordinary	6,302
25/10/2018	HSBC Custody Nominees (Australia) Limited	Sell	-43,165	-123,883.55	Ordinary	43,165
25/10/2018	HSBC Custody Nominees (Australia) Limited	Sell	-16,655	-47,799.85	Ordinary	16,655
25/10/2018	HSBC Custody Nominees (Australia) Limited	Sell	-691	-1,983.17	Ordinary	691
25/10/2018	HSBC Custody Nominees (Australia) Limited	Sell	-42,227	-121,191.49	Ordinary	42,227
7/11/2018	HSBC Custody Nominees (Australia) Limited	Sell	-31,373	-90,981.70	Ordinary	31,373
13/11/2018	HSBC Custody Nominees (Australia) Limited	Sell	-3,316	-9,881.68	Ordinary	3,316
13/11/2018	HSBC Custody Nominees (Australia) Limited	Sell	-610	-1,817.80	Ordinary	610
13/11/2018	HSBC Custody Nominees (Australia) Limited	Sell	-28	-83.44	Ordinary	28
13/11/2018	HSBC Custody Nominees (Australia) Limited	Sell	-7,559	-22,525.82	Ordinary	7,559
13/11/2018	HSBC Custody Nominees (Australia) Limited	Sell	-1,494	-4,452.12	Ordinary	1,494
13/11/2018	HSBC Custody Nominees (Australia) Limited	Sell	-42,188	-125,720.24	Ordinary	42,188
13/11/2018	HSBC Custody Nominees (Australia) Limited	Sell	-61,838	-184,277.24	Ordinary	61,838
13/11/2018	HSBC Custody Nominees (Australia) Limited	Sell	-17,167	-51,157.66	Ordinary	17,167
13/11/2018	HSBC Custody Nominees (Australia) Limited	Sell	-15,599	-46,485.02	Ordinary	15,599
13/11/2018	HSBC Custody Nominees (Australia) Limited	Sell	-2,796	-8,332.08	Ordinary	2,796
13/11/2018	HSBC Custody Nominees (Australia) Limited	Buy	10,086	30,056.28	Ordinary	10,086
13/11/2018	HSBC Custody Nominees (Australia) Limited	Sell	-16,709	-49,792.82	Ordinary	16,709
30/11/2018	HSBC Custody Nominees (Australia) Limited	Buy	102,548	284,057.96	Ordinary	102,548
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-456	-1,121.76	Ordinary	456
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-2,210	-5,392.40	Ordinary	2,210
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-4	-9.80	Ordinary	4
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-868	-2,135.28	Ordinary	868
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-19,639	-48,311.94	Ordinary	19,639

4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-9,831	-23,987.64	Ordinary	9,831
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-89,628	-218,692.32	Ordinary	89,628
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-3,106	-7,640.76	Ordinary	3,106
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-8,372	-20,427.68	Ordinary	8,372
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-6,692	-16,328.48	Ordinary	6,692
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-132,961	-324,424.84	Ordinary	132,961
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-7,617	-18,585.48	Ordinary	7,617
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-3,100	-7,564.00	Ordinary	3,100
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-29,623	-72,872.58	Ordinary	29,623
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-3,532	-8,688.72	Ordinary	3,532
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-2,447	-5,970.68	Ordinary	2,447
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-14,682	-35,824.08	Ordinary	14,682
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-14,729	-36,233.34	Ordinary	14,729
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-71,438	-174,308.72	Ordinary	71,438
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-158,033	-385,600.52	Ordinary	158,033
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-32,582	-80,151.72	Ordinary	32,582
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-22,629	-55,214.76	Ordinary	22,629
4/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-4,665	-11,475.90	Ordinary	4,665
28/12/2018	HSBC Custody Nominees (Australia) Limited	Buy	1,091	2,662.04	Ordinary	1,091
28/12/2018	HSBC Custody Nominees (Australia) Limited	Buy	1,350	3,294.00	Ordinary	1,350
28/12/2018	HSBC Custody Nominees (Australia) Limited	Buy	10,434	25,458.96	Ordinary	10,434
28/12/2018	HSBC Custody Nominees (Australia) Limited	Buy	2,015	4,916.60	Ordinary	2,015
28/12/2018	HSBC Custody Nominees (Australia) Limited	Sell	-88,071	-214,893.24	Ordinary	88,071
28/12/2018	HSBC Custody Nominees (Australia) Limited	Buy	2,217	5,409.48	Ordinary	2,217
2/01/2019	HSBC Custody Nominees (Australia) Limited	Buy	76	180.88	Ordinary	76
2/01/2019	HSBC Custody Nominees (Australia) Limited	Buy	468	1,113.84	Ordinary	468
2/01/2019	HSBC Custody Nominees (Australia) Limited	Buy	4,300	10,234.00	Ordinary	4,300
2/01/2019	HSBC Custody Nominees (Australia) Limited	Buy	534	1,270.92	Ordinary	534
2/01/2019	HSBC Custody Nominees (Australia) Limited	Buy	2,238	5,326.44	Ordinary	2,238
2/01/2019	HSBC Custody Nominees (Australia) Limited	Buy	694	1,651.72	Ordinary	694
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-1,979	-5,105.82	Ordinary	1,979
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-54,827	-141,453.66	Ordinary	54,827
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-18,991	-48,996.78	Ordinary	18,991
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-27,517	-70,993.86	Ordinary	27,517
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-12,283	-31,690.14	Ordinary	12,283
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-468	-1,207.44	Ordinary	468
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-1,350	-3,483.00	Ordinary	1,350
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-133,113	-343,431.54	Ordinary	133,113
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-15,596	-40,237.68	Ordinary	15,596
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-68,090	-175,672.20	Ordinary	68,090
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-144,513	-372,843.54	Ordinary	144,513
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-2,217	-5,719.86	Ordinary	2,217
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-18,036	-46,532.88	Ordinary	18,036
23/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-694	-1,790.52	Ordinary	694
24/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-774	-2,012.40	Ordinary	774
24/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-39,650	-103,090.00	Ordinary	39,650
24/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-5,420	-14,092.00	Ordinary	5,420
24/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-98	-254.80	Ordinary	98
24/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-52,084	-135,418.40	Ordinary	52,084

24/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-6,102	-15,865.20	Ordinary	6,102
24/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-26,642	-69,269.20	Ordinary	26,642
24/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-56,545	-147,017.00	Ordinary	56,545
24/01/2019	HSBC Custody Nominees (Australia) Limited	Sell	-8,196	-21,309.60	Ordinary	8,196
	Total		-1,939,931	-5,140,267.35		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
26/09/2018	J P Morgan Chase Bank	Sell	-2,061	-6,162.39	Ordinary	2,061
26/09/2018	J P Morgan Chase Bank	Sell	-1,246	-3,750.46	Ordinary	1,246
26/09/2018	J P Morgan Chase Bank	Sell	-1,830	-5,471.70	Ordinary	1,830
26/09/2018	J P Morgan Chase Bank	Sell	-1,106	-3,329.06	Ordinary	1,106
26/09/2018	J P Morgan Chase Bank	Sell	-2,733	-8,226.33	Ordinary	2,733
26/09/2018	J P Morgan Chase Bank	Sell	-4,520	-13,514.80	Ordinary	4,520
5/10/2018	J P Morgan Chase Bank	Sell	-7,370	-21,888.90	Ordinary	7,370
26/10/2018	J P Morgan Chase Bank	Buy	410,553	1,104,387.57	Ordinary	410,553
13/11/2018	J P Morgan Chase Bank	Buy	8,798	26,218.04	Ordinary	8,798
13/11/2018	J P Morgan Chase Bank	Buy	124,600	371,308.00	Ordinary	124,600
13/11/2018	J P Morgan Chase Bank	Sell	-8,147	-24,278.06	Ordinary	8,147
13/11/2018	J P Morgan Chase Bank	Sell	-77	-229.46	Ordinary	77
13/11/2018	J P Morgan Chase Bank	Sell	-23,592	-70,304.16	Ordinary	23,592
14/11/2018	J P Morgan Chase Bank	Sell	-56,567	-169,701.00	Ordinary	56,567
4/12/2018	J P Morgan Chase Bank	Sell	-8,765	-21,561.90	Ordinary	8,765
4/12/2018	J P Morgan Chase Bank	Sell	-42,511	-103,726.84	Ordinary	42,511
4/12/2018	J P Morgan Chase Bank	Sell	-21,094	-51,891.24	Ordinary	21,094
4/12/2018	J P Morgan Chase Bank	Sell	-102,315	-249,648.60	Ordinary	102,315
4/12/2018	J P Morgan Chase Bank	Sell	-3,852	-9,398.88	Ordinary	3,852
4/12/2018	J P Morgan Chase Bank	Sell	-5,323	-12,988.12	Ordinary	5,323
4/12/2018	J P Morgan Chase Bank	Sell	-19,151	-46,728.44	Ordinary	19,151
4/12/2018	J P Morgan Chase Bank	Sell	-23,031	-56,195.64	Ordinary	23,031
4/12/2018	J P Morgan Chase Bank	Sell	-10,589	-26,048.94	Ordinary	10,589
4/12/2018	J P Morgan Chase Bank	Sell	-4,140	-10,184.40	Ordinary	4,140
4/12/2018	J P Morgan Chase Bank	Sell	-20,081	-48,997.64	Ordinary	20,081
28/12/2018	J P Morgan Chase Bank	Buy	12,720	31,036.80	Ordinary	12,720
28/12/2018	J P Morgan Chase Bank	Buy	12,363	30,165.72	Ordinary	12,363
2/01/2019	J P Morgan Chase Bank	Buy	1,342	3,193.96	Ordinary	1,342
2/01/2019	J P Morgan Chase Bank	Buy	3,225	7,675.50	Ordinary	3,225
2/01/2019	J P Morgan Chase Bank	Buy	1,564	3,722.32	Ordinary	1,564
23/01/2019	J P Morgan Chase Bank	Sell	-37,271	-96,159.18	Ordinary	37,271
23/01/2019	J P Morgan Chase Bank	Sell	-95,713	-246,939.54	Ordinary	95,713
23/01/2019	J P Morgan Chase Bank	Sell	-16,808	-43,364.64	Ordinary	16,808
23/01/2019	J P Morgan Chase Bank	Sell	-31,896	-82,291.68	Ordinary	31,896
23/01/2019	J P Morgan Chase Bank	Sell	-18,404	-47,482.32	Ordinary	18,404
24/01/2019	J P Morgan Chase Bank	Sell	-14,583	-37,915.80	Ordinary	14,583
24/01/2019	J P Morgan Chase Bank	Sell	-37,451	-97,372.60	Ordinary	37,451
24/01/2019	J P Morgan Chase Bank	Sell	-19,057	-49,548.20	Ordinary	19,057
24/01/2019	J P Morgan Chase Bank	Sell	-7,201	-18,722.60	Ordinary	7,201
	Total		-73,320	-106,315.61		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
26/09/2018	National Australia Bank	Sell	-516	-1,542.84	Ordinary	516
26/09/2018	National Australia Bank	Sell	-312	-939.12	Ordinary	312
26/09/2018	National Australia Bank	Sell	-1,047	-3,130.53	Ordinary	1,047
26/09/2018	National Australia Bank	Sell	-634	-1,908.34	Ordinary	634
26/09/2018	National Australia Bank	Sell	-25,750	-77,507.50	Ordinary	25,750
26/09/2018	National Australia Bank	Sell	-42,579	-127,311.21	Ordinary	42,579
5/10/2018	National Australia Bank	Sell	-68,973	-204,849.81	Ordinary	68,973
11/10/2018	National Australia Bank	Sell	-88,696	-251,896.64	Ordinary	88,696
16/10/2018	National Australia Bank	Buy	315,018	894,651.12	Ordinary	315,018
13/11/2018	National Australia Bank	Buy	20,848	62,127.04	Ordinary	20,848
13/11/2018	National Australia Bank	Buy	67,401	200,854.98	Ordinary	67,401
14/11/2018	National Australia Bank	Sell	-437,774	-1,313,322.00	Ordinary	437,774
14/11/2018	National Australia Bank	Sell	-94,610	-283,830.00	Ordinary	94,610
4/12/2018	National Australia Bank	Sell	-5,449	-13,295.56	Ordinary	5,449
4/12/2018	National Australia Bank	Sell	-10,723	-26,164.12	Ordinary	10,723
4/12/2018	National Australia Bank	Sell	-3,334	-8,201.64	Ordinary	3,334
4/12/2018	National Australia Bank	Sell	-4,905	-12,066.30	Ordinary	4,905
4/12/2018	National Australia Bank	Sell	-23,788	-58,042.72	Ordinary	23,788
4/12/2018	National Australia Bank	Sell	-101,025	-246,501.00	Ordinary	101,025
4/12/2018	National Australia Bank	Sell	-88,104	-214,973.76	Ordinary	88,104
4/12/2018	National Australia Bank	Sell	-38,993	-95,922.78	Ordinary	38,993
27/12/2018	National Australia Bank	Buy	25,512	62,504.40	Ordinary	25,512
28/12/2018	National Australia Bank	Buy	3,271	7,981.24	Ordinary	3,271
28/12/2018	National Australia Bank	Buy	4,847	11,826.68	Ordinary	4,847
2/01/2019	National Australia Bank	Buy	577	1,373.26	Ordinary	577
2/01/2019	National Australia Bank	Buy	756	1,799.28	Ordinary	756
23/01/2019	National Australia Bank	Sell	-5,995	-15,467.10	Ordinary	5,995
23/01/2019	National Australia Bank	Sell	-9,516	-24,551.28	Ordinary	9,516
23/01/2019	National Australia Bank	Sell	-980	-2,528.40	Ordinary	980
23/01/2019	National Australia Bank	Sell	-21,757	-56,133.06	Ordinary	21,757
23/01/2019	National Australia Bank	Sell	-172,485	-445,011.30	Ordinary	172,485
24/01/2019	National Australia Bank	Sell	-6,453	-16,777.80	Ordinary	6,453
24/01/2019	National Australia Bank	Sell	-8,513	-22,133.80	Ordinary	8,513
24/01/2019	National Australia Bank	Sell	-57,330	-149,058.00	Ordinary	57,330
24/01/2019	National Australia Bank	Sell	-10,160	-26,416.00	Ordinary	10,160
	Total		-892,171	-2,456,364.61		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
26/09/2018	National Custodian Nominees	Sell	-52	-155.48	Ordinary	52
26/09/2018	National Custodian Nominees	Sell	-590	-1,764.10	Ordinary	590
26/09/2018	National Custodian Nominees	Sell	-389	-1,170.89	Ordinary	389
13/11/2018	National Custodian Nominees	Buy	1,098	3,272.04	Ordinary	1,098
4/12/2018	National Custodian Nominees	Sell	-695	-1,709.70	Ordinary	695
4/12/2018	National Custodian Nominees	Sell	-1,553	-3,820.38	Ordinary	1,553
4/12/2018	National Custodian Nominees	Sell	-9,417	-22,977.48	Ordinary	9,417

4/12/2018	National Custodian Nominees	Sell	-6,063	-14,793.72	Ordinary	6,063
4/12/2018	National Custodian Nominees	Sell	-325	-799.50	Ordinary	325
4/12/2018	National Custodian Nominees	Sell	-619	-1,522.74	Ordinary	619
28/12/2018	National Custodian Nominees	Buy	2,648	6,461.12	Ordinary	2,648
2/01/2019	National Custodian Nominees	Buy	492	1,170.96	Ordinary	492
23/01/2019	National Custodian Nominees	Sell	-5,232	-13,498.56	Ordinary	5,232
23/01/2019	National Custodian Nominees	Sell	-218	-562.44	Ordinary	218
23/01/2019	National Custodian Nominees	Sell	-6,230	-16,073.40	Ordinary	6,230
23/01/2019	National Custodian Nominees	Sell	-2,453	-6,328.74	Ordinary	2,453
24/01/2019	National Custodian Nominees	Sell	-5,530	-14,378.00	Ordinary	5,530
	Total		-35,128	-88,651.01		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
26/09/2018	Permanent Trustee Australia Limited	Sell	-237	-708.63	Ordinary	237
26/09/2018	Permanent Trustee Australia Limited	Sell	-143	-430.43	Ordinary	143
13/11/2018	Permanent Trustee Australia Limited	Buy	511	1,522.78	Ordinary	511
4/12/2018	Permanent Trustee Australia Limited	Sell	-1,175	-2,890.50	Ordinary	1,175
4/12/2018	Permanent Trustee Australia Limited	Sell	-5,701	-13,910.44	Ordinary	5,701
28/12/2018	Permanent Trustee Australia Limited	Buy	975	2,379.00	Ordinary	975
2/01/2019	Permanent Trustee Australia Limited	Buy	181	430.78	Ordinary	181
23/01/2019	Permanent Trustee Australia Limited	Sell	-5,206	-13,431.48	Ordinary	5,206
24/01/2019	Permanent Trustee Australia Limited	Sell	-2,037	-5,296.20	Ordinary	2,037
	Total		-12,832	-32,335.12		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
26/09/2018	State Street Australia Limited	Sell	-16,176	-48,689.76	Ordinary	16,176
26/09/2018	State Street Australia Limited	Sell	-26,748	-79,976.52	Ordinary	26,748
26/09/2018	State Street Australia Limited	Sell	-80,089	-239,466.11	Ordinary	80,089
26/09/2018	State Street Australia Limited	Sell	-50,816	-151,939.84	Ordinary	50,816
26/09/2018	State Street Australia Limited	Sell	-1,205	-3,627.05	Ordinary	1,205
26/09/2018	State Street Australia Limited	Sell	-1,993	-5,959.07	Ordinary	1,993
26/09/2018	State Street Australia Limited	Sell	-13,545	-40,499.55	Ordinary	13,545
26/09/2018	State Street Australia Limited	Sell	-26,710	-79,862.90	Ordinary	26,710
26/09/2018	State Street Australia Limited	Sell	-42,097	-125,870.03	Ordinary	42,097
26/09/2018	State Street Australia Limited	Sell	-8,192	-24,657.92	Ordinary	8,192
26/09/2018	State Street Australia Limited	Sell	-593	-1,784.93	Ordinary	593
26/09/2018	State Street Australia Limited	Sell	-981	-2,933.19	Ordinary	981
27/09/2018	State Street Australia Limited	Sell	-7,051	-21,153.00	Ordinary	7,051
27/09/2018	State Street Australia Limited	Sell	-3,507	-10,521.00	Ordinary	3,507
28/09/2018	State Street Australia Limited	Sell	-1,247	-3,728.53	Ordinary	1,247
28/09/2018	State Street Australia Limited	Sell	-45,372	-135,662.28	Ordinary	45,372
28/09/2018	State Street Australia Limited	Sell	-27,670	-82,733.30	Ordinary	27,670
28/09/2018	State Street Australia Limited	Sell	-28,336	-85,008.00	Ordinary	28,336
28/09/2018	State Street Australia Limited	Sell	-93,084	-279,252.00	Ordinary	93,084
28/09/2018	State Street Australia Limited	Sell	-8,784	-26,264.16	Ordinary	8,784
28/09/2018	State Street Australia Limited	Sell	-59,795	-178,787.05	Ordinary	59,795

28/09/2018	State Street Australia Limited	Sell	-7,395	-22,111.05	Ordinary	7,395
28/09/2018	State Street Australia Limited	Sell	-42,047	-126,141.00	Ordinary	42,047
28/09/2018	State Street Australia Limited	Sell	-30,297	-90,588.03	Ordinary	30,297
28/09/2018	State Street Australia Limited	Sell	-19,474	-58,422.00	Ordinary	19,474
28/09/2018	State Street Australia Limited	Sell	-8,066	-24,117.34	Ordinary	8,066
28/09/2018	State Street Australia Limited	Sell	-4,319	-12,913.81	Ordinary	4,319
28/09/2018	State Street Australia Limited	Sell	-22,311	-66,709.89	Ordinary	22,311
22/10/2018	State Street Australia Limited	Sell	-131,021	-381,271.11	Ordinary	131,021
22/10/2018	State Street Australia Limited	Sell	-40,314	-117,313.74	Ordinary	40,314
22/10/2018	State Street Australia Limited	Sell	-63,305	-184,217.55	Ordinary	63,305
22/10/2018	State Street Australia Limited	Sell	-19,479	-56,683.89	Ordinary	19,479
25/10/2018	State Street Australia Limited	Sell	-191,298	-549,025.26	Ordinary	191,298
25/10/2018	State Street Australia Limited	Sell	-71,979	-206,579.73	Ordinary	71,979
25/10/2018	State Street Australia Limited	Sell	-40,590	-116,493.30	Ordinary	40,590
25/10/2018	State Street Australia Limited	Sell	-90,367	-259,353.29	Ordinary	90,367
7/11/2018	State Street Australia Limited	Sell	-7,693	-22,309.70	Ordinary	7,693
7/11/2018	State Street Australia Limited	Sell	-72,853	-211,273.70	Ordinary	72,853
7/11/2018	State Street Australia Limited	Sell	-7,484	-21,703.60	Ordinary	7,484
7/11/2018	State Street Australia Limited	Sell	-32,584	-94,493.60	Ordinary	32,584
4/12/2018	State Street Australia Limited	Sell	-41,034	-100,943.64	Ordinary	41,034
4/12/2018	State Street Australia Limited	Sell	-30,874	-75,332.56	Ordinary	30,874
4/12/2018	State Street Australia Limited	Sell	-11,614	-28,570.44	Ordinary	11,614
4/12/2018	State Street Australia Limited	Sell	-1,371	-3,345.24	Ordinary	1,371
4/12/2018	State Street Australia Limited	Sell	-19,318	-47,135.92	Ordinary	19,318
4/12/2018	State Street Australia Limited	Sell	-1,682	-4,104.08	Ordinary	1,682
4/12/2018	State Street Australia Limited	Sell	-71,593	-174,686.92	Ordinary	71,593
4/12/2018	State Street Australia Limited	Sell	-130,518	-318,463.92	Ordinary	130,518
4/12/2018	State Street Australia Limited	Sell	-45,391	-110,754.04	Ordinary	45,391
4/12/2018	State Street Australia Limited	Sell	-9,359	-23,023.14	Ordinary	9,359
4/12/2018	State Street Australia Limited	Sell	-64,181	-156,601.64	Ordinary	64,181
4/12/2018	State Street Australia Limited	Sell	-2,770	-6,814.20	Ordinary	2,770
4/12/2018	State Street Australia Limited	Sell	-827	-2,017.88	Ordinary	827
4/12/2018	State Street Australia Limited	Sell	-38,146	-93,076.24	Ordinary	38,146
4/12/2018	State Street Australia Limited	Sell	-13,700	-33,428.00	Ordinary	13,700
4/12/2018	State Street Australia Limited	Sell	-674	-1,644.56	Ordinary	674
4/12/2018	State Street Australia Limited	Sell	-9,499	-23,177.56	Ordinary	9,499
4/12/2018	State Street Australia Limited	Sell	-23,419	-57,610.74	Ordinary	23,419
4/12/2018	State Street Australia Limited	Sell	-22,333	-54,492.52	Ordinary	22,333
4/12/2018	State Street Australia Limited	Sell	-4,605	-11,328.30	Ordinary	4,605
23/01/2019	State Street Australia Limited	Sell	-178,853	-461,440.74	Ordinary	178,853
23/01/2019	State Street Australia Limited	Sell	-81,308	-209,774.64	Ordinary	81,308
23/01/2019	State Street Australia Limited	Sell	-41,023	-105,839.34	Ordinary	41,023
23/01/2019	State Street Australia Limited	Sell	-89,432	-230,734.56	Ordinary	89,432
23/01/2019	State Street Australia Limited	Sell	-39,984	-103,158.72	Ordinary	39,984
23/01/2019	State Street Australia Limited	Sell	-19,908	-51,362.64	Ordinary	19,908
24/01/2019	State Street Australia Limited	Sell	-24,164	-62,826.40	Ordinary	24,164
24/01/2019	State Street Australia Limited	Sell	-77,632	-201,843.20	Ordinary	77,632
24/01/2019	State Street Australia Limited	Sell	-16,052	-41,735.20	Ordinary	16,052
24/01/2019	State Street Australia Limited	Sell	-38,757	-100,768.20	Ordinary	38,757

24/01/2019	State Street Australia Limited	Sell	-11,881	-30,890.60	Ordinary	11,881
24/01/2019	State Street Australia Limited	Sell	-7,790	-20,254.00	Ordinary	7,790
	Total		-2,616,559	-7,197,277.56		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
26/09/2018	Northern Trust Company Limited	Buy	358,844	1,072,943.56	Ordinary	358,844
26/09/2018	Northern Trust Company Limited	Buy	940,269	2,858,417.76	Ordinary	940,269
26/09/2018	Northern Trust Company Limited	Buy	-940,269	-2,858,417.76	Ordinary	940,269
12/10/2018	Northern Trust Company Limited	Buy	464,232	1,299,849.60	Ordinary	464,232
26/10/2018	Northern Trust Company Limited	Buy	580,099	1,577,869.28	Ordinary	580,099
9/11/2018	Northern Trust Company Limited	Buy	398,425	1,163,401.00	Ordinary	398,425
4/12/2018	Northern Trust Company Limited	Sell	-88,347	-215,566.68	Ordinary	88,347
4/12/2018	Northern Trust Company Limited	Sell	-18,215	-44,808.90	Ordinary	18,215
23/01/2019	Northern Trust Company Limited	Sell	-87,202	-224,981.16	Ordinary	87,202
24/01/2019	Northern Trust Company Limited	Sell	-34,120	-88,712.00	Ordinary	34,120
	Total		1,573,716	4,539,994.70		

Pendal Institutional Limited			-4,660,263	-12,259,272.49		
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