

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 May 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 JB Hi-Fi Limited (**JBH**).

Yours faithfully



Joanne Hawkins  
Group Company Secretary

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## Form 604

Corporations Act 2001  
Section 671B

### Notice of change of interests of substantial holder

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To Company Name/Scheme JB HI-FI LIMITED (JBH)

ACN/ARSN ACN 093 220 136

#### 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 14/05/2019

The previous notice was given to the company on 28/05/2018

The previous notice was dated 24/05/2018

#### 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	9,491,899	8.26%	8,341,042	7.26%

#### 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
14/05/2019	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 *	<p>HSBC Custody Nominees (Australia) Limited</p> <p>JPM Custodian Services</p> <p>UBS Wealth Management</p>	<p>HSBC Custody Nominees (Australia) Limited.</p> <p>UBS Wealth Management</p>	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.	2,801,702 Ordinary	2,801,702
Pendal Institutional Limited	<p>BNP Fund Services</p> <p>Citicorp Nominees Pty Limited</p> <p>HSBC Custody Nominees (Australia) Limited.</p> <p>JP Morgan Chase Bank</p> <p>National Australia Bank Limited</p> <p>National Custodian Nominees</p> <p>Northern Trust Company Limited</p> <p>Permanent Trustee Australia Limited</p> <p>RBC Investor Services Trust</p> <p>State Street Australia Limited</p>	<p>BNP Fund Services</p> <p>Citicorp Nominees Pty Limited</p> <p>HSBC Custody Nominees (Australia) Limited.</p> <p>JP Morgan Chase Bank</p> <p>National Australia Bank Limited</p> <p>National Custodian Nominees</p> <p>Northern Trust Company Limited</p> <p>Permanent Trustee Australia Limited</p> <p>RBC Investor Services Trust</p> <p>State Street Australia Limited</p>	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..	5,539,340 Ordinary	5,539,340

\* 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
JB HI-FI LIMITED (JBH)	The Company Secretary, JB HI-FI LIMITED (JBH) Podium Level 60 City Road Southbank VIC 3006

**Signature**

Print name           Joanne Hawkins           Capacity           Company Secretary          

Sign here \_\_\_\_\_ Date           16/05/2019

## 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 16/05/2019

**TRANSACTION HISTORY**

Sales & Purchases for the period : 25/05/2018 to 14/05/2019

SECURITY: JBH

**Pental Fund Services Limited**

<b>Date</b>	<b>Registered Company</b>	<b>Nature of Change</b>	<b>Quantity</b>	<b>Consideration</b>	<b>Class of Securities</b>	<b>Person's votes affected</b>
13/06/2018	HSBC Custody Nominees (Australia) Limited.	Buy	21,933	504,459.00	Ordinary	21,933
29/06/2018	HSBC Custody Nominees (Australia) Limited.	Buy	24,670	561,982.60	Ordinary	24,670
5/09/2018	HSBC Custody Nominees (Australia) Limited.	Buy	19,981	519,506.00	Ordinary	19,981
5/10/2018	HSBC Custody Nominees (Australia) Limited.	Buy	10,626	260,868.30	Ordinary	10,626
23/10/2018	HSBC Custody Nominees (Australia) Limited.	Buy	10,811	270,166.89	Ordinary	10,811
25/10/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-14,548	-338,968.40	Ordinary	14,548
25/10/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-13,833	-322,308.90	Ordinary	13,833
7/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-1,875	-43,875.00	Ordinary	1,875
7/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-8,886	-207,932.40	Ordinary	8,886
7/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-8,231	-192,605.40	Ordinary	8,231
10/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-17,532	-387,807.84	Ordinary	17,532
10/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-16,440	-363,652.80	Ordinary	16,440
10/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-1,426	-31,543.12	Ordinary	1,426
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-12,601	-274,323.77	Ordinary	12,601
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-10,153	-221,030.81	Ordinary	10,153
5/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-30,314	-690,856.06	Ordinary	30,314
5/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-4,689	-106,862.31	Ordinary	4,689
5/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-13,585	-309,602.15	Ordinary	13,585
5/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-13,537	-308,508.23	Ordinary	13,537
5/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-2,056	-46,856.24	Ordinary	2,056
5/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-541	-12,329.39	Ordinary	541
5/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-7,827	-178,377.33	Ordinary	7,827
6/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-983	-22,815.43	Ordinary	983
6/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-3,474	-80,631.54	Ordinary	3,474
7/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-8,291	-189,946.81	Ordinary	8,291
4/03/2019	HSBC Custody Nominees (Australia) Limited.	Buy	25,417	570,611.65	Ordinary	25,417

1/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-80	-2,012.80	Ordinary	80
1/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-16,216	-407,994.56	Ordinary	16,216
1/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-707	-17,816.40	Ordinary	707
1/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-11,283	-283,880.28	Ordinary	11,283
1/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-2,467	-62,069.72	Ordinary	2,467
2/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-9,313	-232,918.13	Ordinary	9,313
24/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-315	-8,290.80	Ordinary	315
24/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-4,843	-127,467.76	Ordinary	4,843
24/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-6,331	-167,138.40	Ordinary	6,331
24/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-6,658	-175,771.20	Ordinary	6,658
24/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-1,358	-35,742.56	Ordinary	1,358
24/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-2,732	-71,906.24	Ordinary	2,732
3/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-11,814	-299,721.18	Ordinary	11,814
3/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-12,494	-316,972.78	Ordinary	12,494
6/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-2,375	-59,731.25	Ordinary	2,375
6/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-6,883	-173,107.45	Ordinary	6,883
6/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-5,602	-140,890.30	Ordinary	5,602
6/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-6,831	-171,799.65	Ordinary	6,831
6/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-1,098	-27,614.70	Ordinary	1,098
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-134	-3,417.00	Ordinary	134
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-636	-16,218.00	Ordinary	636
14/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-5,488	-137,584.16	Ordinary	5,488
14/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-5,359	-134,350.13	Ordinary	5,359
30/05/2018	HSBC Custody Nominees (Australia) Limited.	Buy	40,000	942,800.00	Ordinary	40,000
29/06/2018	HSBC Custody Nominees (Australia) Limited.	Buy	10,911	250,407.45	Ordinary	10,911
8/08/2018	HSBC Custody Nominees (Australia) Limited.	Buy	44,408	993,851.04	Ordinary	44,408
18/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-16,720	-370,180.80	Ordinary	16,720
18/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-55,405	-1,226,666.70	Ordinary	55,405
18/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-7,186	-159,098.04	Ordinary	7,186
18/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-15,558	-344,454.12	Ordinary	15,558
18/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-2,551	-56,479.14	Ordinary	2,551
13/09/2018	HSBC Custody Nominees (Australia) Limited.	Buy	2,676	66,097.20	Ordinary	2,676
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-1,617	-35,202.09	Ordinary	1,617
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-41,015	-892,896.55	Ordinary	41,015
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Buy	43,201	1,083,481.08	Ordinary	43,201
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-992	-25,296.00	Ordinary	992
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-210	-5,355.00	Ordinary	210
14/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-16,933	-424,510.31	Ordinary	16,933

	Limited.					
21/08/2018	HSBC Custody Nominees (Australia) Limited.	Buy	8,601	224,400.09	Ordinary	8,601
3/10/2018	HSBC Custody Nominees (Australia) Limited.	Buy	20,650	508,403.00	Ordinary	20,650
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-10,057	-218,940.89	Ordinary	10,057
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-30	-765.00	Ordinary	30
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-142	-3,621.00	Ordinary	142
14/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-2,428	-60,869.96	Ordinary	2,428
22/06/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-3,413	-79,591.16	Ordinary	3,413
8/10/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-1,672	-40,428.96	Ordinary	1,672
28/08/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-35,087	-887,350.23	Ordinary	35,087
28/08/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-8,933	-225,915.57	Ordinary	8,933
28/08/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-49,834	-1,260,301.86	Ordinary	49,834
28/08/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-44,648	-1,129,147.92	Ordinary	44,648
28/08/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-30,510	-771,597.90	Ordinary	30,510
28/08/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-173,516	-4,388,219.64	Ordinary	173,516
28/08/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-46,634	-1,179,373.86	Ordinary	46,634
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-38,932	-976,414.56	Ordinary	38,932
23/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-4,599	-119,987.91	Ordinary	4,599
	<b>Total</b>		<b>-636,576</b>	<b>-15,530,880.25</b>		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
14/06/2018	JPM Custodial Services	Sell	-8,830	-201,412.30	Ordinary	8,830
14/06/2018	JPM Custodial Services	Sell	-5,267	-120,140.27	Ordinary	5,267
10/07/2018	JPM Custodial Services	Sell	-5,492	-124,997.92	Ordinary	5,492
10/07/2018	JPM Custodial Services	Sell	-3,030	-68,962.80	Ordinary	3,030
11/07/2018	JPM Custodial Services	Sell	-3,120	-70,480.80	Ordinary	3,120
11/07/2018	JPM Custodial Services	Sell	-6,074	-137,211.66	Ordinary	6,074
11/07/2018	JPM Custodial Services	Sell	-2,732	-61,715.88	Ordinary	2,732
16/07/2018	JPM Custodial Services	Sell	-11,927	-281,357.93	Ordinary	11,927
16/07/2018	JPM Custodial Services	Sell	11,927	281,357.93	Ordinary	11,927
16/07/2018	JPM Custodial Services	Sell	-11,927	-281,477.20	Ordinary	11,927
10/07/2018	JPM Custodial Services	Sell	-22,766	-518,154.16	Ordinary	22,766
11/07/2018	JPM Custodial Services	Sell	-4,348	-98,221.32	Ordinary	4,348
11/07/2018	JPM Custodial Services	Sell	-16,518	-373,141.62	Ordinary	16,518
16/07/2018	JPM Custodial Services	Sell	-4,305	-101,554.95	Ordinary	4,305
16/07/2018	JPM Custodial Services	Sell	-8,275	-195,207.25	Ordinary	8,275
16/07/2018	JPM Custodial Services	Sell	-8,286	-195,466.74	Ordinary	8,286
16/07/2018	JPM Custodial Services	Sell	4,305	101,554.95	Ordinary	4,305
16/07/2018	JPM Custodial Services	Sell	8,286	195,466.74	Ordinary	8,286
16/07/2018	JPM Custodial Services	Sell	8,275	195,207.25	Ordinary	8,275
16/07/2018	JPM Custodial Services	Sell	-8,275	-195,290.00	Ordinary	8,275



16/07/2018	JPM Custodial Services	Sell	-4,305	-101,598.00	Ordinary	4,305
16/07/2018	JPM Custodial Services	Sell	-8,286	-195,549.60	Ordinary	8,286
<b>Total</b>			<b>-110,970</b>	<b>-2,548,353.53</b>		

<b>Date</b>	<b>Registered Company</b>	<b>Nature of Change</b>	<b>Quantity</b>	<b>Consideration</b>	<b>Class of Securities</b>	<b>Person's votes affected</b>
25/07/2018	UBS Wealth Management	Sell	-92	-2,168.44	Ordinary	92
31/07/2018	UBS Wealth Management	Sell	-263	-6,272.55	Ordinary	263
31/07/2018	UBS Wealth Management	Sell	-214	-5,103.90	Ordinary	214
31/07/2018	UBS Wealth Management	Sell	-74	-1,764.90	Ordinary	74
31/07/2018	UBS Wealth Management	Sell	-2,874	-68,544.90	Ordinary	2,874
14/09/2018	UBS Wealth Management	Buy	53	1,317.58	Ordinary	53
17/09/2018	UBS Wealth Management	Buy	56	1,410.64	Ordinary	56
22/10/2018	UBS Wealth Management	Sell	-194	-4,766.58	Ordinary	194
3/01/2019	UBS Wealth Management	Sell	-60	-1,246.20	Ordinary	60
3/01/2019	UBS Wealth Management	Sell	-61	-1,270.02	Ordinary	61
4/01/2019	UBS Wealth Management	Sell	-110	-2,249.50	Ordinary	110
8/01/2019	UBS Wealth Management	Sell	-61	-1,303.57	Ordinary	61
8/01/2019	UBS Wealth Management	Sell	-26	-556.92	Ordinary	26
8/01/2019	UBS Wealth Management	Sell	-23	-493.35	Ordinary	23
9/01/2019	UBS Wealth Management	Sell	-232	-4,853.44	Ordinary	232
9/01/2019	UBS Wealth Management	Sell	-87	-1,820.04	Ordinary	87
<b>Total</b>			<b>-4,262</b>	<b>-99,686.09</b>		

**Pendal Fund Services Limited Total :** **-751,808** **-18,178,919.87**

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#### **Pendal Institutional Limited**

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<b>Date</b>	<b>Registered Company</b>	<b>Nature of Change</b>	<b>Quantity</b>	<b>Consideration</b>	<b>Class of Securities</b>	<b>Person's votes affected</b>
3/07/2018	BNP Fund Services Australasia	Buy	980	22,197.00	Ordinary	980
13/11/2018	BNP Fund Services Australasia	Sell	-1,405	-33,453.05	Ordinary	1,405
13/11/2018	BNP Fund Services Australasia	Sell	-1,747	-41,596.07	Ordinary	1,747
13/11/2018	BNP Fund Services Australasia	Sell	-1,264	-30,095.84	Ordinary	1,264
11/12/2018	BNP Fund Services Australasia	Sell	-2,205	-48,002.85	Ordinary	2,205
9/01/2019	BNP Fund Services Australasia	Sell	-256	-5,368.32	Ordinary	256
8/02/2019	BNP Fund Services Australasia	Sell	-115	-2,601.30	Ordinary	115
8/02/2019	BNP Fund Services Australasia	Sell	-592	-13,391.04	Ordinary	592
10/04/2019	BNP Fund Services Australasia	Sell	-4,596	-112,280.28	Ordinary	4,596
10/05/2019	BNP Fund Services Australasia	Sell	-18	-459.00	Ordinary	18
10/05/2019	BNP Fund Services Australasia	Sell	-83	-2,116.50	Ordinary	83
14/05/2019	BNP Fund Services Australasia	Sell	-1,401	-35,123.07	Ordinary	1,401
14/05/2019	BNP Fund Services Australasia	Sell	-25	-626.75	Ordinary	25
11/07/2018	BNP Fund Services Australasia	Buy	84	1,900.92	Ordinary	84
27/07/2018	BNP Fund Services Australasia	Buy	2,222	53,261.34	Ordinary	2,222

31/01/2019	BNP Fund Services Australasia	Buy	3,189	71,433.60	Ordinary	3,189
	<b>Total</b>		<b>-7,232</b>	<b>-176,321.21</b>		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
29/05/2018	Citicorp Nominees Pty Limited	Buy	43,385	1,014,775.15	Ordinary	43,385
31/05/2018	Citicorp Nominees Pty Limited	Buy	40,357	968,568.00	Ordinary	40,357
31/07/2018	Citicorp Nominees Pty Limited	Buy	3,425	81,686.25	Ordinary	3,425
3/08/2018	Citicorp Nominees Pty Limited	Buy	37,179	842,847.93	Ordinary	37,179
13/12/2018	Citicorp Nominees Pty Limited	Buy	61,611	1,403,498.58	Ordinary	61,611
13/12/2018	Citicorp Nominees Pty Limited	Buy	-61,611	-1,403,498.58	Ordinary	61,611
13/12/2018	Citicorp Nominees Pty Limited	Buy	61,611	1,402,266.36	Ordinary	61,611
3/01/2019	Citicorp Nominees Pty Limited	Sell	-28,225	-586,233.25	Ordinary	28,225
3/01/2019	Citicorp Nominees Pty Limited	Sell	-29,144	-606,778.08	Ordinary	29,144
4/01/2019	Citicorp Nominees Pty Limited	Sell	-60,864	-1,244,668.80	Ordinary	60,864
8/01/2019	Citicorp Nominees Pty Limited	Sell	-7,905	-168,929.85	Ordinary	7,905
8/01/2019	Citicorp Nominees Pty Limited	Sell	-8,411	-180,415.95	Ordinary	8,411
8/01/2019	Citicorp Nominees Pty Limited	Sell	-13,293	-284,736.06	Ordinary	13,293
8/01/2019	Citicorp Nominees Pty Limited	Sell	-3,528	-75,675.60	Ordinary	3,528
8/01/2019	Citicorp Nominees Pty Limited	Sell	-9,022	-192,800.14	Ordinary	9,022
8/01/2019	Citicorp Nominees Pty Limited	Sell	-15,039	-321,383.43	Ordinary	15,039
9/01/2019	Citicorp Nominees Pty Limited	Sell	-42,370	-886,380.40	Ordinary	42,370
9/01/2019	Citicorp Nominees Pty Limited	Sell	-31,254	-653,833.68	Ordinary	31,254
9/01/2019	Citicorp Nominees Pty Limited	Sell	-12,824	-268,278.08	Ordinary	12,824
3/07/2018	Citicorp Nominees Pty Limited	Sell	-1,745	-39,524.25	Ordinary	1,745
2/11/2018	Citicorp Nominees Pty Limited	Sell	-4,950	-113,949.00	Ordinary	4,950
13/11/2018	Citicorp Nominees Pty Limited	Buy	715	17,052.75	Ordinary	715
15/11/2018	Citicorp Nominees Pty Limited	Sell	-5,600	-133,840.00	Ordinary	5,600
15/11/2018	Citicorp Nominees Pty Limited	Sell	-1,817	-43,426.30	Ordinary	1,817
16/11/2018	Citicorp Nominees Pty Limited	Sell	-5,540	-130,910.20	Ordinary	5,540
16/11/2018	Citicorp Nominees Pty Limited	Sell	-1,792	-42,344.96	Ordinary	1,792
11/12/2018	Citicorp Nominees Pty Limited	Sell	-4,553	-99,118.81	Ordinary	4,553
9/01/2019	Citicorp Nominees Pty Limited	Buy	784	16,440.48	Ordinary	784
8/02/2019	Citicorp Nominees Pty Limited	Buy	8,527	192,880.74	Ordinary	8,527
10/04/2019	Citicorp Nominees Pty Limited	Sell	-3,236	-79,055.48	Ordinary	3,236
10/04/2019	Citicorp Nominees Pty Limited	Sell	-243	-5,936.49	Ordinary	243
10/05/2019	Citicorp Nominees Pty Limited	Sell	-191	-4,870.50	Ordinary	191
10/05/2019	Citicorp Nominees Pty Limited	Sell	-41	-1,045.50	Ordinary	41
14/05/2019	Citicorp Nominees Pty Limited	Sell	-3,265	-81,853.55	Ordinary	3,265
	<b>Total</b>		<b>-98,869</b>	<b>-1,709,470.70</b>		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
3/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-6,494	-147,089.10	Ordinary	6,494
13/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-3,885	-92,501.85	Ordinary	3,885
13/11/2018	HSBC Custody Nominees (Australia)	Sell	-4,973	-118,407.13	Ordinary	4,973

	Limited.					
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-3,602	-78,415.54	Ordinary	3,602
28/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-10,730	-237,884.10	Ordinary	10,730
9/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-100	-2,097.00	Ordinary	100
8/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-1,059	-23,954.58	Ordinary	1,059
10/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-237	-5,789.91	Ordinary	237
10/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-1,669	-40,773.67	Ordinary	1,669
10/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-648	-15,830.64	Ordinary	648
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-64	-1,632.00	Ordinary	64
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-304	-7,752.00	Ordinary	304
14/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-5,191	-130,138.37	Ordinary	5,191
3/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-108	-2,446.20	Ordinary	108
10/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-1,342	-30,557.34	Ordinary	1,342
7/08/2018	HSBC Custody Nominees (Australia) Limited.	Buy	22	489.28	Ordinary	22
8/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-2,620	-61,543.80	Ordinary	2,620
13/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-1,306	-31,095.86	Ordinary	1,306
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-1,489	-32,415.53	Ordinary	1,489
9/01/2019	HSBC Custody Nominees (Australia) Limited.	Buy	784	16,440.48	Ordinary	784
8/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-406	-9,183.72	Ordinary	406
2/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-5,004	-124,599.60	Ordinary	5,004
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-3,402	-85,322.16	Ordinary	3,402
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-343	-8,602.44	Ordinary	343
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-4,732	-118,678.56	Ordinary	4,732
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-51	-1,279.08	Ordinary	51
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-664	-16,653.12	Ordinary	664
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-3,604	-90,388.32	Ordinary	3,604
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-5,748	-144,159.84	Ordinary	5,748
16/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-1,082	-27,179.84	Ordinary	1,082
16/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-1,023	-25,697.76	Ordinary	1,023
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-20	-510.00	Ordinary	20
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-4	-102.00	Ordinary	4
14/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-342	-8,573.94	Ordinary	342
3/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-2,572	-58,255.80	Ordinary	2,572
13/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-15,719	-374,269.39	Ordinary	15,719
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-13,709	-298,444.93	Ordinary	13,709
9/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-491	-10,296.27	Ordinary	491
8/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-3,237	-73,220.94	Ordinary	3,237
10/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-24,072	-588,078.96	Ordinary	24,072

12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-2,009	-50,385.72	Ordinary	2,009
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-22,455	-563,171.40	Ordinary	22,455
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-51,062	-1,280,634.96	Ordinary	51,062
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-27,577	-691,631.16	Ordinary	27,577
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-4,811	-120,659.88	Ordinary	4,811
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-41,192	-1,033,095.36	Ordinary	41,192
12/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-40,749	-1,021,984.92	Ordinary	40,749
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-119	-3,034.50	Ordinary	119
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-137	-3,493.50	Ordinary	137
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-54	-1,377.00	Ordinary	54
14/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-4,362	-109,355.34	Ordinary	4,362
28/05/2018	HSBC Custody Nominees (Australia) Limited.	Buy	451	10,720.27	Ordinary	451
3/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-94	-2,129.10	Ordinary	94
6/09/2018	HSBC Custody Nominees (Australia) Limited.	Buy	478	12,088.62	Ordinary	478
25/10/2018	HSBC Custody Nominees (Australia) Limited.	Buy	516	11,811.24	Ordinary	516
13/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-866	-20,619.46	Ordinary	866
10/12/2018	HSBC Custody Nominees (Australia) Limited.	Buy	568	12,598.24	Ordinary	568
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-5	-108.85	Ordinary	5
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-56	-1,219.12	Ordinary	56
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-161	-3,504.97	Ordinary	161
9/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-5	-104.85	Ordinary	5
9/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-30	-629.10	Ordinary	30
8/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-118	-2,669.16	Ordinary	118
10/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-96	-2,346.24	Ordinary	96
10/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-106	-2,590.64	Ordinary	106
10/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-327	-7,991.88	Ordinary	327
16/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-7	-175.84	Ordinary	7
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-2	-51.00	Ordinary	2
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-8	-204.08	Ordinary	8
14/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-142	-3,559.94	Ordinary	142
1/06/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-142	-3,432.14	Ordinary	142
26/06/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-159	-3,639.51	Ordinary	159
26/06/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-24	-549.36	Ordinary	24
26/06/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-1	-22.89	Ordinary	1
3/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-135	-3,057.75	Ordinary	135
3/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-31	-702.15	Ordinary	31
5/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-39	-880.23	Ordinary	39
5/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-173	-3,904.61	Ordinary	173

	Limited.					
10/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-69	-1,571.13	Ordinary	69
13/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-75	-1,745.25	Ordinary	75
13/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-59	-1,372.93	Ordinary	59
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-128	-3,068.16	Ordinary	128
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-327	-7,838.19	Ordinary	327
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-82	-1,965.54	Ordinary	82
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-174	-4,170.78	Ordinary	174
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-177	-4,242.69	Ordinary	177
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-102	-2,444.94	Ordinary	102
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-104	-2,492.88	Ordinary	104
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-39	-934.83	Ordinary	39
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-4	-95.88	Ordinary	4
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-121	-2,900.37	Ordinary	121
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-13	-311.61	Ordinary	13
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-70	-1,677.90	Ordinary	70
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-354	-8,485.38	Ordinary	354
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-115	-2,756.55	Ordinary	115
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-33	-791.01	Ordinary	33
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-68	-1,629.96	Ordinary	68
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-124	-2,972.28	Ordinary	124
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-185	-4,434.45	Ordinary	185
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-3	-71.91	Ordinary	3
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-250	-5,992.50	Ordinary	250
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-66	-1,582.02	Ordinary	66
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-29	-695.13	Ordinary	29
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-46	-1,102.62	Ordinary	46
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-61	-1,462.17	Ordinary	61
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-81	-1,941.57	Ordinary	81
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-120	-2,876.40	Ordinary	120
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-33	-791.01	Ordinary	33
3/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-433	-9,807.45	Ordinary	433
13/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-244	-5,809.64	Ordinary	244
13/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-702	-16,714.62	Ordinary	702
13/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-557	-13,262.17	Ordinary	557
13/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-783	-18,643.23	Ordinary	783
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-1,483	-32,284.91	Ordinary	1,483
9/01/2019	HSBC Custody Nominees (Australia) Limited.	Buy	257	5,389.29	Ordinary	257

8/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-295	-6,672.90	Ordinary	295
10/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-1,909	-46,636.87	Ordinary	1,909
16/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-16	-401.92	Ordinary	16
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-12	-306.00	Ordinary	12
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-58	-1,479.00	Ordinary	58
14/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-986	-24,719.02	Ordinary	986
3/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-284	-6,432.60	Ordinary	284
2/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-2,087	-48,042.74	Ordinary	2,087
13/11/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-333	-7,928.73	Ordinary	333
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-233	-5,072.41	Ordinary	233
11/12/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-122	-2,655.94	Ordinary	122
9/01/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-356	-7,465.32	Ordinary	356
8/02/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-58	-1,311.96	Ordinary	58
10/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-3,978	-97,182.54	Ordinary	3,978
16/04/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-179	-4,496.48	Ordinary	179
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-18	-459.00	Ordinary	18
10/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-85	-2,167.50	Ordinary	85
14/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-1,234	-30,936.38	Ordinary	1,234
14/05/2019	HSBC Custody Nominees (Australia) Limited.	Sell	-218	-5,465.26	Ordinary	218
6/06/2018	HSBC Custody Nominees (Australia) Limited.	Buy	7,191	169,779.51	Ordinary	7,191
11/07/2018	HSBC Custody Nominees (Australia) Limited.	Buy	37,815	855,753.45	Ordinary	37,815
27/07/2018	HSBC Custody Nominees (Australia) Limited.	Buy	22,276	533,955.72	Ordinary	22,276
29/08/2018	HSBC Custody Nominees (Australia) Limited.	Buy	12,840	328,960.80	Ordinary	12,840
14/09/2018	HSBC Custody Nominees (Australia) Limited.	Buy	4,363	108,420.55	Ordinary	4,363
13/07/2018	HSBC Custody Nominees (Australia) Limited.	Sell	-5,189	-120,748.03	Ordinary	5,189
	<b>Total</b>		<b>-266,703</b>	<b>-6,591,851.11</b>		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
11/07/2018	JP Morgan Chase Bank	Buy	10,098	228,517.74	Ordinary	10,098
27/07/2018	JP Morgan Chase Bank	Buy	23,902	572,930.94	Ordinary	23,902
29/08/2018	JP Morgan Chase Bank	Buy	5,356	137,220.72	Ordinary	5,356
20/02/2019	JP Morgan Chase Bank	Buy	10,451	248,838.31	Ordinary	10,451
28/02/2019	JP Morgan Chase Bank	Buy	18,041	392,030.93	Ordinary	18,041
29/06/2018	JP Morgan Chase Bank	Buy	2,000	45,560.00	Ordinary	2,000
25/10/2018	JP Morgan Chase Bank	Sell	-1,344	-31,315.20	Ordinary	1,344
25/10/2018	JP Morgan Chase Bank	Sell	-3,974	-92,594.20	Ordinary	3,974
7/11/2018	JP Morgan Chase Bank	Sell	-1,400	-32,760.00	Ordinary	1,400
7/11/2018	JP Morgan Chase Bank	Sell	-694	-16,239.60	Ordinary	694
7/11/2018	JP Morgan Chase Bank	Sell	-2,339	-54,732.60	Ordinary	2,339

10/12/2018	JP Morgan Chase Bank	Sell	-5,797	-128,229.64	Ordinary	5,797
10/12/2018	JP Morgan Chase Bank	Sell	-657	-14,532.84	Ordinary	657
11/12/2018	JP Morgan Chase Bank	Sell	-3,628	-78,945.28	Ordinary	3,628
5/02/2019	JP Morgan Chase Bank	Sell	-670	-15,269.30	Ordinary	670
5/02/2019	JP Morgan Chase Bank	Sell	-150	-3,418.50	Ordinary	150
5/02/2019	JP Morgan Chase Bank	Sell	-3,269	-74,500.51	Ordinary	3,269
5/02/2019	JP Morgan Chase Bank	Sell	-4,799	-109,369.21	Ordinary	4,799
5/02/2019	JP Morgan Chase Bank	Sell	-2,173	-49,522.67	Ordinary	2,173
5/02/2019	JP Morgan Chase Bank	Sell	-1,273	-29,011.67	Ordinary	1,273
6/02/2019	JP Morgan Chase Bank	Sell	-690	-16,014.90	Ordinary	690
7/02/2019	JP Morgan Chase Bank	Sell	-1,283	-29,380.70	Ordinary	1,283
4/03/2019	JP Morgan Chase Bank	Buy	3,410	76,554.50	Ordinary	3,410
1/04/2019	JP Morgan Chase Bank	Sell	-124	-3,124.80	Ordinary	124
1/04/2019	JP Morgan Chase Bank	Sell	-1,852	-46,596.32	Ordinary	1,852
1/04/2019	JP Morgan Chase Bank	Sell	-3,409	-85,770.44	Ordinary	3,409
2/04/2019	JP Morgan Chase Bank	Sell	-1,049	-26,235.49	Ordinary	1,049
2/04/2019	JP Morgan Chase Bank	Sell	-582	-14,555.82	Ordinary	582
24/04/2019	JP Morgan Chase Bank	Sell	-190	-5,000.80	Ordinary	190
24/04/2019	JP Morgan Chase Bank	Sell	-1,328	-34,952.96	Ordinary	1,328
24/04/2019	JP Morgan Chase Bank	Sell	-2,183	-57,631.20	Ordinary	2,183
24/04/2019	JP Morgan Chase Bank	Sell	-36	-947.52	Ordinary	36
3/05/2019	JP Morgan Chase Bank	Sell	-2,210	-56,067.70	Ordinary	2,210
3/05/2019	JP Morgan Chase Bank	Sell	-1,580	-40,084.60	Ordinary	1,580
6/05/2019	JP Morgan Chase Bank	Sell	-2,164	-54,424.60	Ordinary	2,164
6/05/2019	JP Morgan Chase Bank	Sell	-1,284	-32,292.60	Ordinary	1,284
10/05/2019	JP Morgan Chase Bank	Sell	-20	-509.80	Ordinary	20
10/05/2019	JP Morgan Chase Bank	Sell	-96	-2,448.00	Ordinary	96
14/05/2019	JP Morgan Chase Bank	Sell	-1,628	-40,797.68	Ordinary	1,628
6/06/2018	JP Morgan Chase Bank	Buy	904	21,343.44	Ordinary	904
11/07/2018	JP Morgan Chase Bank	Buy	3,767	85,284.88	Ordinary	3,767
27/07/2018	JP Morgan Chase Bank	Buy	3,484	83,511.48	Ordinary	3,484
29/08/2018	JP Morgan Chase Bank	Buy	2,051	52,546.62	Ordinary	2,051
14/09/2018	JP Morgan Chase Bank	Buy	693	17,221.05	Ordinary	693
3/07/2018	JP Morgan Chase Bank	Buy	929	21,041.85	Ordinary	929
21/08/2018	JP Morgan Chase Bank	Buy	12,519	326,119.95	Ordinary	12,519
13/11/2018	JP Morgan Chase Bank	Sell	-11,814	-281,291.34	Ordinary	11,814
11/12/2018	JP Morgan Chase Bank	Sell	-646	-14,063.42	Ordinary	646
9/01/2019	JP Morgan Chase Bank	Buy	328	6,878.16	Ordinary	328
8/02/2019	JP Morgan Chase Bank	Sell	-654	-14,793.48	Ordinary	654
10/04/2019	JP Morgan Chase Bank	Sell	-1,836	-44,853.48	Ordinary	1,836
10/05/2019	JP Morgan Chase Bank	Sell	-148	-3,774.00	Ordinary	148
10/05/2019	JP Morgan Chase Bank	Sell	-31	-790.50	Ordinary	31
14/05/2019	JP Morgan Chase Bank	Sell	-2,526	-63,326.82	Ordinary	2,526
3/07/2018	JP Morgan Chase Bank	Buy	4,648	105,277.20	Ordinary	4,648
7/08/2018	JP Morgan Chase Bank	Buy	2,337	51,974.88	Ordinary	2,337
28/08/2018	JP Morgan Chase Bank	Sell	-114	-2,883.06	Ordinary	114
28/08/2018	JP Morgan Chase Bank	Sell	-24,235	-612,903.15	Ordinary	24,235
28/08/2018	JP Morgan Chase Bank	Sell	-15,110	-382,131.90	Ordinary	15,110

28/08/2018	JP Morgan Chase Bank	Sell	-13,543	-342,502.47	Ordinary	13,543
13/09/2018	JP Morgan Chase Bank	Buy	286	7,064.20	Ordinary	286
13/11/2018	JP Morgan Chase Bank	Sell	-889	-21,167.09	Ordinary	889
9/01/2019	JP Morgan Chase Bank	Sell	-1,907	-39,989.79	Ordinary	1,907
8/02/2019	JP Morgan Chase Bank	Sell	-54	-1,221.48	Ordinary	54
1/03/2019	JP Morgan Chase Bank	Sell	-670	-14,900.80	Ordinary	670
1/03/2019	JP Morgan Chase Bank	Sell	-3,300	-73,392.00	Ordinary	3,300
1/03/2019	JP Morgan Chase Bank	Sell	-18,460	-410,550.40	Ordinary	18,460
10/04/2019	JP Morgan Chase Bank	Sell	-6,400	-156,352.00	Ordinary	6,400
10/04/2019	JP Morgan Chase Bank	Sell	-2,498	-61,026.14	Ordinary	2,498
10/05/2019	JP Morgan Chase Bank	Sell	-69	-1,759.50	Ordinary	69
10/05/2019	JP Morgan Chase Bank	Sell	-326	-8,313.00	Ordinary	326
14/05/2019	JP Morgan Chase Bank	Sell	-597	-14,966.79	Ordinary	597
14/05/2019	JP Morgan Chase Bank	Sell	-4,970	-124,597.90	Ordinary	4,970
3/07/2018	JP Morgan Chase Bank	Buy	2,104	47,655.60	Ordinary	2,104
7/08/2018	JP Morgan Chase Bank	Buy	1,025	22,796.00	Ordinary	1,025
13/09/2018	JP Morgan Chase Bank	Buy	397	9,805.90	Ordinary	397
13/11/2018	JP Morgan Chase Bank	Sell	-3,060	-72,858.60	Ordinary	3,060
11/12/2018	JP Morgan Chase Bank	Sell	-1,112	-24,208.24	Ordinary	1,112
9/01/2019	JP Morgan Chase Bank	Sell	-1,331	-27,911.07	Ordinary	1,331
8/02/2019	JP Morgan Chase Bank	Sell	-450	-10,179.00	Ordinary	450
10/04/2019	JP Morgan Chase Bank	Sell	-933	-22,793.19	Ordinary	933
10/04/2019	JP Morgan Chase Bank	Sell	-107	-2,614.01	Ordinary	107
10/04/2019	JP Morgan Chase Bank	Sell	-6,879	-168,053.97	Ordinary	6,879
10/05/2019	JP Morgan Chase Bank	Sell	-38	-969.00	Ordinary	38
10/05/2019	JP Morgan Chase Bank	Sell	-181	-4,615.50	Ordinary	181
14/05/2019	JP Morgan Chase Bank	Sell	-3,086	-77,366.02	Ordinary	3,086
	<b>Total</b>		<b>-73,119</b>	<b>-1,820,221.91</b>		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
2/07/2018	National Australia Bank Limited	Sell	-1,589	-35,609.49	Ordinary	1,589
2/07/2018	National Australia Bank Limited	Sell	-325	-7,283.25	Ordinary	325
3/07/2018	National Australia Bank Limited	Buy	811	18,369.15	Ordinary	811
7/08/2018	National Australia Bank Limited	Buy	202	4,492.48	Ordinary	202
13/09/2018	National Australia Bank Limited	Buy	139	3,433.30	Ordinary	139
16/10/2018	National Australia Bank Limited	Buy	26,499	662,475.00	Ordinary	26,499
13/11/2018	National Australia Bank Limited	Sell	-48	-1,142.88	Ordinary	48
9/01/2019	National Australia Bank Limited	Buy	1,579	33,111.63	Ordinary	1,579
8/02/2019	National Australia Bank Limited	Sell	-47	-1,063.14	Ordinary	47
8/02/2019	National Australia Bank Limited	Sell	-237	-5,360.94	Ordinary	237
10/04/2019	National Australia Bank Limited	Sell	-607	-14,829.01	Ordinary	607
10/04/2019	National Australia Bank Limited	Sell	-104	-2,541.76	Ordinary	104
10/05/2019	National Australia Bank Limited	Sell	-64	-1,632.00	Ordinary	64
10/05/2019	National Australia Bank Limited	Sell	-13	-331.50	Ordinary	13
14/05/2019	National Australia Bank Limited	Sell	-1,083	-27,150.81	Ordinary	1,083
3/07/2018	National Australia Bank Limited	Buy	1,030	23,329.50	Ordinary	1,030



7/08/2018	National Australia Bank Limited	Buy	534	11,881.50	Ordinary	534
13/09/2018	National Australia Bank Limited	Sell	-3,974	-98,157.80	Ordinary	3,974
13/11/2018	National Australia Bank Limited	Sell	-2,750	-65,477.50	Ordinary	2,750
9/01/2019	National Australia Bank Limited	Sell	-181	-3,795.57	Ordinary	181
8/02/2019	National Australia Bank Limited	Buy	526	11,898.12	Ordinary	526
3/04/2019	National Australia Bank Limited	Sell	-3,723	-90,803.97	Ordinary	3,723
10/04/2019	National Australia Bank Limited	Sell	-2,181	-53,281.83	Ordinary	2,181
24/04/2019	National Australia Bank Limited	Sell	-3,458	-91,429.52	Ordinary	3,458
10/05/2019	National Australia Bank Limited	Sell	-72	-1,836.00	Ordinary	72
10/05/2019	National Australia Bank Limited	Sell	-15	-382.50	Ordinary	15
14/05/2019	National Australia Bank Limited	Sell	-1,226	-30,723.56	Ordinary	1,226
25/10/2018	National Australia Bank Limited	Sell	-27,197	-633,690.10	Ordinary	27,197
25/10/2018	National Australia Bank Limited	Sell	-15,649	-364,621.70	Ordinary	15,649
7/11/2018	National Australia Bank Limited	Sell	-13,200	-308,880.00	Ordinary	13,200
7/11/2018	National Australia Bank Limited	Sell	-20,246	-473,756.40	Ordinary	20,246
7/11/2018	National Australia Bank Limited	Sell	-4,486	-104,972.40	Ordinary	4,486
10/12/2018	National Australia Bank Limited	Sell	-2,921	-64,612.52	Ordinary	2,921
10/12/2018	National Australia Bank Limited	Sell	-57,809	-1,278,735.08	Ordinary	57,809
11/12/2018	National Australia Bank Limited	Sell	-34,174	-743,626.24	Ordinary	34,174
5/02/2019	National Australia Bank Limited	Sell	-1,304	-29,718.16	Ordinary	1,304
5/02/2019	National Australia Bank Limited	Sell	-41,694	-950,206.26	Ordinary	41,694
5/02/2019	National Australia Bank Limited	Sell	-28,293	-644,797.47	Ordinary	28,293
5/02/2019	National Australia Bank Limited	Sell	-5,825	-132,751.75	Ordinary	5,825
5/02/2019	National Australia Bank Limited	Sell	-19,340	-440,758.60	Ordinary	19,340
5/02/2019	National Australia Bank Limited	Sell	-18,876	-430,184.04	Ordinary	18,876
6/02/2019	National Australia Bank Limited	Sell	-6,506	-151,004.26	Ordinary	6,506
7/02/2019	National Australia Bank Limited	Sell	-12,103	-277,158.70	Ordinary	12,103
4/03/2019	National Australia Bank Limited	Buy	32,857	737,639.65	Ordinary	32,857
1/04/2019	National Australia Bank Limited	Sell	-25,925	-652,273.00	Ordinary	25,925
1/04/2019	National Australia Bank Limited	Sell	-3,675	-92,463.00	Ordinary	3,675
1/04/2019	National Australia Bank Limited	Sell	-20,063	-504,785.08	Ordinary	20,063
1/04/2019	National Australia Bank Limited	Sell	-1,169	-29,458.80	Ordinary	1,169
2/04/2019	National Australia Bank Limited	Sell	-15,395	-385,028.95	Ordinary	15,395
24/04/2019	National Australia Bank Limited	Sell	-11,714	-309,249.60	Ordinary	11,714
24/04/2019	National Australia Bank Limited	Sell	-14,677	-386,298.64	Ordinary	14,677
24/04/2019	National Australia Bank Limited	Sell	-2,743	-72,415.20	Ordinary	2,743
24/04/2019	National Australia Bank Limited	Sell	-6,158	-162,571.20	Ordinary	6,158
3/05/2019	National Australia Bank Limited	Sell	-24,898	-631,662.26	Ordinary	24,898
3/05/2019	National Australia Bank Limited	Sell	-2,395	-60,761.15	Ordinary	2,395
3/05/2019	National Australia Bank Limited	Sell	-8,478	-215,086.86	Ordinary	8,478
6/05/2019	National Australia Bank Limited	Sell	-5,254	-132,138.10	Ordinary	5,254
6/05/2019	National Australia Bank Limited	Sell	-27,304	-686,695.60	Ordinary	27,304
10/05/2019	National Australia Bank Limited	Sell	-901	-22,975.50	Ordinary	901
10/05/2019	National Australia Bank Limited	Sell	-190	-4,843.10	Ordinary	190
14/05/2019	National Australia Bank Limited	Sell	-15,369	-385,147.14	Ordinary	15,369
	<b>Total</b>		<b>-453,451</b>	<b>-10,789,529.56</b>		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
3/07/2018	National Custodian Nominees	Buy	1,015	22,989.75	Ordinary	1,015
7/08/2018	National Custodian Nominees	Buy	192	4,270.08	Ordinary	192
13/09/2018	National Custodian Nominees	Buy	347	8,570.90	Ordinary	347
13/11/2018	National Custodian Nominees	Buy	285	6,797.25	Ordinary	285
11/12/2018	National Custodian Nominees	Sell	-1,288	-28,039.76	Ordinary	1,288
9/01/2019	National Custodian Nominees	Buy	680	14,259.60	Ordinary	680
8/02/2019	National Custodian Nominees	Sell	-210	-4,750.20	Ordinary	210
10/04/2019	National Custodian Nominees	Sell	-596	-14,566.24	Ordinary	596
10/05/2019	National Custodian Nominees	Sell	-12	-306.00	Ordinary	12
10/05/2019	National Custodian Nominees	Sell	-55	-1,402.50	Ordinary	55
14/05/2019	National Custodian Nominees	Sell	-945	-23,691.15	Ordinary	945
	<b>Total</b>		<b>-587</b>	<b>-15,868.27</b>		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
27/07/2018	Northern Trust Company Limited	Buy	369,010	8,782,438.00	Ordinary	369,010
3/08/2018	Northern Trust Company Limited	Buy	42,769	969,573.23	Ordinary	42,769
7/09/2018	Northern Trust Company Limited	Buy	70,414	1,760,350.00	Ordinary	70,414
25/09/2018	Northern Trust Company Limited	Buy	95,297	2,393,860.64	Ordinary	95,297
26/09/2018	Northern Trust Company Limited	Buy	95,297	2,393,860.64	Ordinary	95,297
26/09/2018	Northern Trust Company Limited	Buy	-95,297	-2,393,860.64	Ordinary	95,297
12/10/2018	Northern Trust Company Limited	Buy	46,199	1,139,267.34	Ordinary	46,199
9/11/2018	Northern Trust Company Limited	Buy	33,514	796,627.78	Ordinary	33,514
3/01/2019	Northern Trust Company Limited	Sell	-44,350	-921,149.50	Ordinary	44,350
3/01/2019	Northern Trust Company Limited	Sell	-45,795	-953,451.90	Ordinary	45,795
4/01/2019	Northern Trust Company Limited	Sell	-91,434	-1,869,825.30	Ordinary	91,434
8/01/2019	Northern Trust Company Limited	Sell	-17,918	-384,341.10	Ordinary	17,918
8/01/2019	Northern Trust Company Limited	Sell	-47,973	-1,025,183.01	Ordinary	47,973
8/01/2019	Northern Trust Company Limited	Sell	-19,951	-427,350.42	Ordinary	19,951
9/01/2019	Northern Trust Company Limited	Sell	-101,589	-2,125,241.88	Ordinary	101,589
9/01/2019	Northern Trust Company Limited	Sell	-28,240	-590,780.80	Ordinary	28,240
15/02/2019	Northern Trust Company Limited	Buy	14,037	324,535.44	Ordinary	14,037
	<b>Total</b>		<b>273,990</b>	<b>7,869,328.52</b>		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
3/07/2018	Permanent Trustee Australia Limited	Buy	379	8,584.35	Ordinary	379
7/08/2018	Permanent Trustee Australia Limited	Buy	69	1,534.56	Ordinary	69
13/09/2018	Permanent Trustee Australia Limited	Buy	129	3,186.30	Ordinary	129
13/11/2018	Permanent Trustee Australia Limited	Buy	112	2,671.20	Ordinary	112
11/12/2018	Permanent Trustee Australia Limited	Sell	-474	-10,318.98	Ordinary	474
9/01/2019	Permanent Trustee Australia Limited	Buy	245	5,137.65	Ordinary	245
8/02/2019	Permanent Trustee Australia Limited	Sell	-81	-1,832.22	Ordinary	81
10/04/2019	Permanent Trustee Australia Limited	Sell	-233	-5,694.52	Ordinary	233

1/05/2019	Permanent Trustee Australia Limited	Sell	-1,779	-44,955.33	Ordinary	1,779
10/05/2019	Permanent Trustee Australia Limited	Sell	-1	-25.50	Ordinary	1
10/05/2019	Permanent Trustee Australia Limited	Sell	-2	-51.00	Ordinary	2
14/05/2019	Permanent Trustee Australia Limited	Sell	-40	-1,002.80	Ordinary	40
	<b>Total</b>		<b>-1,676</b>	<b>-42,766.29</b>		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
3/09/2018	RBC Investor Services Trust	Buy	2,975	0.00	Ordinary	2,975
3/09/2018	RBC Investor Services Trust	Buy	29,561	0.00	Ordinary	29,561
3/09/2018	RBC Investor Services Trust	Buy	19,443	0.00	Ordinary	19,443
3/09/2018	RBC Investor Services Trust	Buy	1,434	0.00	Ordinary	1,434
3/09/2018	RBC Investor Services Trust	Buy	2,293	0.00	Ordinary	2,293
3/09/2018	RBC Investor Services Trust	Buy	6,678	0.00	Ordinary	6,678
3/09/2018	RBC Investor Services Trust	Buy	13,912	0.00	Ordinary	13,912
3/09/2018	RBC Investor Services Trust	Buy	2,454	0.00	Ordinary	2,454
3/09/2018	RBC Investor Services Trust	Buy	17,110	0.00	Ordinary	17,110
3/09/2018	RBC Investor Services Trust	Buy	10,789	0.00	Ordinary	10,789
3/09/2018	RBC Investor Services Trust	Buy	5,651	0.00	Ordinary	5,651
3/09/2018	RBC Investor Services Trust	Buy	3,059	0.00	Ordinary	3,059
16/10/2018	RBC Investor Services Trust	Sell	-10,789	-269,185.55	Ordinary	10,789
16/10/2018	RBC Investor Services Trust	Sell	-4,770	-119,011.50	Ordinary	4,770
19/10/2018	RBC Investor Services Trust	Buy	7,762	191,100.44	Ordinary	7,762
31/01/2019	RBC Investor Services Trust	Buy	9,567	214,300.80	Ordinary	9,567
28/02/2019	RBC Investor Services Trust	Buy	4,923	106,976.79	Ordinary	4,923
	<b>Total</b>		<b>122,052</b>	<b>124,180.98</b>		

Date	Registered Company	Nature of Change	Quantity	Consideration	Class of Securities	Person's votes affected
26/06/2018	State Street Australia Limited	Buy	70,773	1,620,701.70	Ordinary	70,773
13/11/2018	State Street Australia Limited	Buy	3,536	84,333.60	Ordinary	3,536
8/02/2019	State Street Australia Limited	Sell	-984	-22,258.08	Ordinary	984
10/05/2019	State Street Australia Limited	Sell	-43	-1,096.50	Ordinary	43
10/05/2019	State Street Australia Limited	Sell	-201	-5,125.50	Ordinary	201
14/05/2019	State Street Australia Limited	Sell	-3,442	-86,290.94	Ordinary	3,442
26/06/2018	State Street Australia Limited	Buy	35,386	810,339.40	Ordinary	35,386
13/11/2018	State Street Australia Limited	Buy	1,753	41,809.05	Ordinary	1,753
8/02/2019	State Street Australia Limited	Sell	-456	-10,314.72	Ordinary	456
10/05/2019	State Street Australia Limited	Sell	-21	-535.50	Ordinary	21
10/05/2019	State Street Australia Limited	Sell	-98	-2,499.00	Ordinary	98
14/05/2019	State Street Australia Limited	Sell	-1,674	-41,967.18	Ordinary	1,674
	<b>Total</b>		<b>104,529</b>	<b>2,387,096.33</b>		

**Pendal Institutional Limited Total :** **-401,066** **-10,765,423.22**