

Form 605
Corporations Act 2001
Section 671B

Notice of ceasing to be a substantial holder

To Company Name/Scheme Whitehaven Coal Limited
ACN/ARSN 124 425 396

1. Details of substantial holder (1)

Name Vanguard Group (The Vanguard Group, Inc. and its controlled entities including those listed in Annexure A)
ACN/ARSN (if applicable) N/A

The holder ceased to be a substantial holder on 15 December 2023

The previous notice was given to the company on 08 May 2023

The previous notice was dated 08 May 2023

2. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) 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 (4)	Consideration given in relation to change (5)	Class (6) and number of securities affected	Person's votes affected
See Annexure A					Vanguard Group now holds 4.964% of voting power

3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) 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
N/A	N/A

4. Addresses

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

Name	Address
Vanguard Group	P.O. Box 2600, V26 Valley Forge, PA 19482 USA

Signature

print name Shawn Acker capacity Compliance Manager

sign here  date 20 December 2023

To Company Whitehaven Coal Limited
ACN/ARSN 124 425 396

Substantial Holder Name Vanguard Group
ACN/ARSN N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
4-May-23	The Vanguard Group, Inc.	BUY	7.01	Ordinary	591	591
4-May-23	The Vanguard Group, Inc.	BUY	7.00	Ordinary	856	856
8-May-23	The Vanguard Group, Inc.	BUY	7.05	Ordinary	5,628	5,628
9-May-23	The Vanguard Group, Inc.	BUY	7.05	Ordinary	394	394
9-May-23	The Vanguard Group, Inc.	BUY	7.03	Ordinary	1,566	1,566
10-May-23	The Vanguard Group, Inc.	BUY	7.09	Ordinary	417	417
12-May-23	The Vanguard Group, Inc.	BUY	6.95	Ordinary	4,690	4,690
12-May-23	The Vanguard Group, Inc.	BUY	6.95	Ordinary	3,885	3,885
15-May-23	The Vanguard Group, Inc.	BUY	6.94	Ordinary	42,628	42,628
15-May-23	The Vanguard Group, Inc.	BUY	6.91	Ordinary	2,590	2,590
16-May-23	The Vanguard Group, Inc.	BUY	6.78	Ordinary	6,475	6,475
16-May-23	The Vanguard Group, Inc.	BUY	6.93	Ordinary	14,614	14,614
17-May-23	The Vanguard Group, Inc.	BUY	6.85	Ordinary	4,690	4,690
17-May-23	The Vanguard Group, Inc.	BUY	6.85	Ordinary	2,590	2,590
19-May-23	The Vanguard Group, Inc.	BUY	6.86	Ordinary	591	591
23-May-23	The Vanguard Group, Inc.	BUY	6.87	Ordinary	5,640	5,640
23-May-23	The Vanguard Group, Inc.	BUY	6.87	Ordinary	2,849	2,849
23-May-23	The Vanguard Group, Inc.	BUY	6.87	Ordinary	856	856
24-May-23	The Vanguard Group, Inc.	BUY	6.87	Ordinary	4,969	4,969
24-May-23	The Vanguard Group, Inc.	BUY	6.65	Ordinary	3,108	3,108
24-May-23	The Vanguard Group, Inc.	BUY	6.65	Ordinary	856	856
25-May-23	The Vanguard Group, Inc.	SELL	6.41	Ordinary	(11,055)	(11,055)
26-May-23	The Vanguard Group, Inc.	BUY	6.30	Ordinary	591	591
26-May-23	The Vanguard Group, Inc.	BUY	6.36	Ordinary	4,715	4,715
31-May-23	The Vanguard Group, Inc.	BUY	5.66	Ordinary	20,488	20,488
31-May-23	The Vanguard Group, Inc.	BUY	5.74	Ordinary	87,914	87,914
31-May-23	The Vanguard Group, Inc.	SELL	5.67	Ordinary	(18,768)	(18,768)
1-Jun-23	The Vanguard Group, Inc.	BUY	5.88	Ordinary	856	856
5-Jun-23	The Vanguard Group, Inc.	BUY	5.89	Ordinary	1,712	1,712
8-Jun-23	The Vanguard Group, Inc.	BUY	6.48	Ordinary	985	985
13-Jun-23	The Vanguard Group, Inc.	BUY	6.28	Ordinary	394	394
13-Jun-23	The Vanguard Group, Inc.	BUY	6.28	Ordinary	1,890	1,890
14-Jun-23	The Vanguard Group, Inc.	BUY	6.26	Ordinary	382	382
15-Jun-23	The Vanguard Group, Inc.	BUY	6.44	Ordinary	856	856
16-Jun-23	The Vanguard Group, Inc.	SELL	6.94	Ordinary	(17,239)	(17,239)
16-Jun-23	The Vanguard Group, Inc.	SELL	6.94	Ordinary	(5,550)	(5,550)
21-Jun-23	The Vanguard Group, Inc.	BUY	6.79	Ordinary	433	433
26-Jun-23	The Vanguard Group, Inc.	BUY	6.62	Ordinary	2,670	2,670
26-Jun-23	The Vanguard Group, Inc.	BUY	6.62	Ordinary	12,282	12,282
27-Jun-23	The Vanguard Group, Inc.	BUY	6.55	Ordinary	864	864
28-Jun-23	The Vanguard Group, Inc.	BUY	6.67	Ordinary	45,658	45,658
28-Jun-23	The Vanguard Group, Inc.	BUY	6.68	Ordinary	864	864
3-Jul-23	The Vanguard Group, Inc.	BUY	6.71	Ordinary	8,268	8,268
6-Jul-23	The Vanguard Group, Inc.	BUY	6.71	Ordinary	612	612
6-Jul-23	The Vanguard Group, Inc.	SELL	6.71	Ordinary	(3,595)	(3,595)
6-Jul-23	The Vanguard Group, Inc.	BUY	6.58	Ordinary	2,670	2,670
6-Jul-23	The Vanguard Group, Inc.	BUY	6.58	Ordinary	864	864
7-Jul-23	The Vanguard Group, Inc.	BUY	6.61	Ordinary	2,876	2,876
10-Jul-23	The Vanguard Group, Inc.	BUY	6.59	Ordinary	30,444	30,444
10-Jul-23	The Vanguard Group, Inc.	BUY	6.65	Ordinary	5,073	5,073
11-Jul-23	The Vanguard Group, Inc.	BUY	6.63	Ordinary	4,005	4,005
12-Jul-23	The Vanguard Group, Inc.	BUY	6.67	Ordinary	1,146	1,146
12-Jul-23	The Vanguard Group, Inc.	BUY	6.67	Ordinary	1,438	1,438
12-Jul-23	The Vanguard Group, Inc.	BUY	6.78	Ordinary	2,670	2,670
12-Jul-23	The Vanguard Group, Inc.	BUY	6.78	Ordinary	2,160	2,160
12-Jul-23	The Vanguard Group, Inc.	BUY	6.78	Ordinary	864	864
12-Jul-23	The Vanguard Group, Inc.	BUY	6.67	Ordinary	3,360	3,360
13-Jul-23	The Vanguard Group, Inc.	BUY	6.68	Ordinary	7,896	7,896
13-Jul-23	The Vanguard Group, Inc.	BUY	6.68	Ordinary	864	864
19-Jul-23	The Vanguard Group, Inc.	BUY	7.00	Ordinary	1,228	1,228
19-Jul-23	The Vanguard Group, Inc.	BUY	6.98	Ordinary	864	864

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
19-Jul-23	The Vanguard Group, Inc.	BUY	7.05	Ordinary	20,923	20,923
20-Jul-23	The Vanguard Group, Inc.	BUY	6.90	Ordinary	864	864
20-Jul-23	The Vanguard Group, Inc.	BUY	6.90	Ordinary	1,728	1,728
20-Jul-23	The Vanguard Group, Inc.	BUY	6.90	Ordinary	1,296	1,296
21-Jul-23	The Vanguard Group, Inc.	BUY	7.04	Ordinary	7,568	7,568
21-Jul-23	The Vanguard Group, Inc.	BUY	7.04	Ordinary	6,622	6,622
21-Jul-23	The Vanguard Group, Inc.	BUY	7.04	Ordinary	4,005	4,005
24-Jul-23	The Vanguard Group, Inc.	BUY	7.28	Ordinary	6,141	6,141
25-Jul-23	The Vanguard Group, Inc.	BUY	7.39	Ordinary	1,438	1,438
25-Jul-23	The Vanguard Group, Inc.	BUY	7.42	Ordinary	864	864
31-Jul-23	The Vanguard Group, Inc.	BUY	6.92	Ordinary	408	408
31-Jul-23	The Vanguard Group, Inc.	BUY	6.92	Ordinary	1,228	1,228
31-Jul-23	The Vanguard Group, Inc.	SELL	6.92	Ordinary	(10,307)	(10,307)
2-Aug-23	The Vanguard Group, Inc.	SELL	6.83	Ordinary	(4,625)	(4,625)
3-Aug-23	The Vanguard Group, Inc.	BUY	6.89	Ordinary	5,550	5,550
3-Aug-23	The Vanguard Group, Inc.	BUY	6.89	Ordinary	17,402	17,402
3-Aug-23	The Vanguard Group, Inc.	BUY	6.89	Ordinary	864	864
4-Aug-23	The Vanguard Group, Inc.	BUY	7.09	Ordinary	8,277	8,277
7-Aug-23	The Vanguard Group, Inc.	BUY	7.00	Ordinary	4,806	4,806
7-Aug-23	The Vanguard Group, Inc.	BUY	6.99	Ordinary	4,512	4,512
9-Aug-23	The Vanguard Group, Inc.	BUY	7.14	Ordinary	16,335	16,335
9-Aug-23	The Vanguard Group, Inc.	BUY	7.15	Ordinary	854	854
10-Aug-23	The Vanguard Group, Inc.	BUY	7.45	Ordinary	612	612
10-Aug-23	The Vanguard Group, Inc.	BUY	7.45	Ordinary	4,400	4,400
10-Aug-23	The Vanguard Group, Inc.	BUY	7.42	Ordinary	1,281	1,281
11-Aug-23	The Vanguard Group, Inc.	BUY	7.23	Ordinary	612	612
14-Aug-23	The Vanguard Group, Inc.	BUY	7.14	Ordinary	1,842	1,842
14-Aug-23	The Vanguard Group, Inc.	BUY	7.13	Ordinary	856	856
16-Aug-23	The Vanguard Group, Inc.	BUY	7.38	Ordinary	5,496	5,496
16-Aug-23	The Vanguard Group, Inc.	BUY	7.38	Ordinary	4,005	4,005
16-Aug-23	The Vanguard Group, Inc.	BUY	7.38	Ordinary	1,712	1,712
16-Aug-23	The Vanguard Group, Inc.	BUY	7.28	Ordinary	71,877	71,877
17-Aug-23	The Vanguard Group, Inc.	BUY	7.49	Ordinary	16,466	16,466
18-Aug-23	The Vanguard Group, Inc.	BUY	7.34	Ordinary	62,887	62,887
21-Aug-23	The Vanguard Group, Inc.	BUY	7.26	Ordinary	4,539	4,539
22-Aug-23	The Vanguard Group, Inc.	BUY	7.33	Ordinary	6,412	6,412
22-Aug-23	The Vanguard Group, Inc.	BUY	7.33	Ordinary	4,005	4,005
22-Aug-23	The Vanguard Group, Inc.	BUY	7.33	Ordinary	1,284	1,284
23-Aug-23	The Vanguard Group, Inc.	BUY	7.30	Ordinary	2,214	2,214
23-Aug-23	The Vanguard Group, Inc.	BUY	7.30	Ordinary	5,453	5,453
29-Aug-23	The Vanguard Group, Inc.	BUY	6.63	Ordinary	43,229	43,229
30-Aug-23	The Vanguard Group, Inc.	SELL	6.72	Ordinary	(5,752)	(5,752)
31-Aug-23	The Vanguard Group, Inc.	SELL	6.09	Ordinary	(33,718)	(33,718)
31-Aug-23	The Vanguard Group, Inc.	BUY	6.12	Ordinary	47,197	47,197
31-Aug-23	The Vanguard Group, Inc.	BUY	6.04	Ordinary	4,272	4,272
7-Sep-23	The Vanguard Group, Inc.	BUY	6.18	Ordinary	382	382
11-Sep-23	The Vanguard Group, Inc.	SELL	6.11	Ordinary	(15,378)	(15,378)
13-Sep-23	The Vanguard Group, Inc.	BUY	6.26	Ordinary	35,246	35,246
15-Sep-23	The Vanguard Group, Inc.	SELL	6.66	Ordinary	(22,094)	(22,094)
15-Sep-23	The Vanguard Group, Inc.	SELL	6.66	Ordinary	(92,421)	(92,421)
15-Sep-23	The Vanguard Group, Inc.	SELL	6.66	Ordinary	(370,719)	(370,719)
15-Sep-23	The Vanguard Group, Inc.	SELL	6.66	Ordinary	(501)	(501)
15-Sep-23	The Vanguard Group, Inc.	SELL	6.66	Ordinary	(753,853)	(753,853)
15-Sep-23	The Vanguard Group, Inc.	SELL	6.66	Ordinary	(262,494)	(262,494)
15-Sep-23	The Vanguard Group, Inc.	SELL	6.66	Ordinary	(5,541)	(5,541)
15-Sep-23	The Vanguard Group, Inc.	SELL	6.66	Ordinary	(28,541)	(28,541)
15-Sep-23	The Vanguard Group, Inc.	SELL	6.66	Ordinary	(18,802)	(18,802)
15-Sep-23	The Vanguard Group, Inc.	SELL	6.66	Ordinary	(3,540)	(3,540)
15-Sep-23	The Vanguard Group, Inc.	BUY	6.67	Ordinary	6,701	6,701
18-Sep-23	The Vanguard Group, Inc.	BUY	6.58	Ordinary	822	822
21-Sep-23	The Vanguard Group, Inc.	BUY	6.62	Ordinary	6,550	6,550
21-Sep-23	The Vanguard Group, Inc.	BUY	6.62	Ordinary	46,224	46,224
21-Sep-23	The Vanguard Group, Inc.	BUY	6.62	Ordinary	5,340	5,340
22-Sep-23	The Vanguard Group, Inc.	BUY	6.73	Ordinary	4,305	4,305
22-Sep-23	The Vanguard Group, Inc.	BUY	6.73	Ordinary	10,947	10,947
25-Sep-23	The Vanguard Group, Inc.	BUY	6.96	Ordinary	822	822
27-Sep-23	The Vanguard Group, Inc.	BUY	6.93	Ordinary	612	612
27-Sep-23	The Vanguard Group, Inc.	BUY	6.93	Ordinary	44,767	44,767

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
29-Sep-23	The Vanguard Group, Inc.	SELL	7.13	Ordinary	(37,252)	(37,252)
4-Oct-23	The Vanguard Group, Inc.	BUY	6.84	Ordinary	612	612
4-Oct-23	The Vanguard Group, Inc.	BUY	6.85	Ordinary	8,610	8,610
5-Oct-23	The Vanguard Group, Inc.	SELL	6.75	Ordinary	(3,070)	(3,070)
6-Oct-23	The Vanguard Group, Inc.	SELL	6.57	Ordinary	(41,915)	(41,915)
9-Oct-23	The Vanguard Group, Inc.	BUY	6.64	Ordinary	5,340	5,340
10-Oct-23	The Vanguard Group, Inc.	BUY	6.75	Ordinary	1,068	1,068
12-Oct-23	The Vanguard Group, Inc.	BUY	6.57	Ordinary	1,722	1,722
12-Oct-23	The Vanguard Group, Inc.	BUY	6.57	Ordinary	764	764
16-Oct-23	The Vanguard Group, Inc.	BUY	6.78	Ordinary	4,391	4,391
17-Oct-23	The Vanguard Group, Inc.	BUY	6.76	Ordinary	47,365	47,365
18-Oct-23	The Vanguard Group, Inc.	BUY	7.57	Ordinary	612	612
18-Oct-23	The Vanguard Group, Inc.	SELL	7.57	Ordinary	(15,583)	(15,583)
19-Oct-23	The Vanguard Group, Inc.	BUY	7.44	Ordinary	4,272	4,272
24-Oct-23	The Vanguard Group, Inc.	BUY	7.61	Ordinary	2,136	2,136
25-Oct-23	The Vanguard Group, Inc.	BUY	7.75	Ordinary	826	826
26-Oct-23	The Vanguard Group, Inc.	SELL	7.76	Ordinary	(23,447)	(23,447)
27-Oct-23	The Vanguard Group, Inc.	BUY	7.78	Ordinary	59,210	59,210
31-Oct-23	The Vanguard Group, Inc.	SELL	7.30	Ordinary	(6,119)	(6,119)
1-Nov-23	The Vanguard Group, Inc.	SELL	7.25	Ordinary	(83,075)	(83,075)
1-Nov-23	The Vanguard Group, Inc.	BUY	7.33	Ordinary	43,068	43,068
3-Nov-23	The Vanguard Group, Inc.	BUY	7.17	Ordinary	1,335	1,335
6-Nov-23	The Vanguard Group, Inc.	SELL	7.01	Ordinary	(3,595)	(3,595)
7-Nov-23	The Vanguard Group, Inc.	BUY	6.80	Ordinary	612	612
7-Nov-23	The Vanguard Group, Inc.	BUY	6.80	Ordinary	612	612
7-Nov-23	The Vanguard Group, Inc.	BUY	6.79	Ordinary	4,295	4,295
7-Nov-23	The Vanguard Group, Inc.	BUY	6.79	Ordinary	5,340	5,340
7-Nov-23	The Vanguard Group, Inc.	BUY	6.94	Ordinary	4,732	4,732
9-Nov-23	The Vanguard Group, Inc.	SELL	6.90	Ordinary	(9,546)	(9,546)
10-Nov-23	The Vanguard Group, Inc.	BUY	6.88	Ordinary	5,154	5,154
13-Nov-23	The Vanguard Group, Inc.	BUY	6.86	Ordinary	45,122	45,122
14-Nov-23	The Vanguard Group, Inc.	BUY	7.04	Ordinary	13,744	13,744
15-Nov-23	The Vanguard Group, Inc.	BUY	6.83	Ordinary	8,202	8,202
16-Nov-23	The Vanguard Group, Inc.	SELL	6.72	Ordinary	(447)	(447)
16-Nov-23	The Vanguard Group, Inc.	BUY	6.78	Ordinary	22,338	22,338
20-Nov-23	The Vanguard Group, Inc.	BUY	6.91	Ordinary	4,295	4,295
20-Nov-23	The Vanguard Group, Inc.	BUY	6.91	Ordinary	1,236	1,236
20-Nov-23	The Vanguard Group, Inc.	BUY	6.90	Ordinary	2,066	2,066
21-Nov-23	The Vanguard Group, Inc.	BUY	6.85	Ordinary	7,476	7,476
22-Nov-23	The Vanguard Group, Inc.	BUY	6.95	Ordinary	5,340	5,340
27-Nov-23	The Vanguard Group, Inc.	BUY	7.32	Ordinary	2,670	2,670
29-Nov-23	The Vanguard Group, Inc.	BUY	7.24	Ordinary	612	612
30-Nov-23	The Vanguard Group, Inc.	SELL	7.14	Ordinary	(21,691)	(21,691)
30-Nov-23	The Vanguard Group, Inc.	BUY	7.10	Ordinary	3,204	3,204
1-Dec-23	The Vanguard Group, Inc.	BUY	7.36	Ordinary	4,295	4,295
1-Dec-23	The Vanguard Group, Inc.	BUY	7.25	Ordinary	15,904	15,904
1-Dec-23	The Vanguard Group, Inc.	BUY	7.25	Ordinary	11,749	11,749
4-Dec-23	The Vanguard Group, Inc.	BUY	7.15	Ordinary	810	810
15-Dec-23	The Vanguard Group, Inc.	SELL	7.19	Ordinary	(5)	(5)
15-Dec-23	The Vanguard Group, Inc.	SELL	7.19	Ordinary	(15,194)	(15,194)
15-Dec-23	The Vanguard Group, Inc.	SELL	7.19	Ordinary	(6)	(6)
15-Dec-23	The Vanguard Group, Inc.	SELL	7.19	Ordinary	(16,945)	(16,945)
15-Dec-23	The Vanguard Group, Inc.	BUY	7.19	Ordinary	422	422
15-Dec-23	The Vanguard Group, Inc.	BUY	7.10	Ordinary	804	804
4-May-23	Vanguard Investments Australia Ltd.	BUY	7.01	Ordinary	4,028	4,028
4-May-23	Vanguard Investments Australia Ltd.	BUY	7.01	Ordinary	2,014	2,014
5-May-23	Vanguard Investments Australia Ltd.	BUY	6.80	Ordinary	8,589	8,589
10-May-23	Vanguard Investments Australia Ltd.	BUY	7.09	Ordinary	4,036	4,036
10-May-23	Vanguard Investments Australia Ltd.	BUY	7.09	Ordinary	17,166	17,166
11-May-23	Vanguard Investments Australia Ltd.	BUY	7.00	Ordinary	6,624	6,624
12-May-23	Vanguard Investments Australia Ltd.	BUY	6.94	Ordinary	6,648	6,648
15-May-23	Vanguard Investments Australia Ltd.	BUY	6.89	Ordinary	5,070	5,070
15-May-23	Vanguard Investments Australia Ltd.	BUY	6.89	Ordinary	2,028	2,028
16-May-23	Vanguard Investments Australia Ltd.	BUY	6.84	Ordinary	8,568	8,568
19-May-23	Vanguard Investments Australia Ltd.	BUY	6.86	Ordinary	4,056	4,056
19-May-23	Vanguard Investments Australia Ltd.	BUY	6.86	Ordinary	17,130	17,130
24-May-23	Vanguard Investments Australia Ltd.	BUY	6.71	Ordinary	11,420	11,420
25-May-23	Vanguard Investments Australia Ltd.	BUY	6.41	Ordinary	3,042	3,042

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
26-May-23	Vanguard Investments Australia Ltd.	BUY	6.30	Ordinary	5,712	5,712
31-May-23	Vanguard Investments Australia Ltd.	BUY	5.66	Ordinary	3,042	3,042
31-May-23	Vanguard Investments Australia Ltd.	BUY	5.66	Ordinary	27,751	27,751
31-May-23	Vanguard Investments Australia Ltd.	BUY	5.66	Ordinary	63,647	63,647
1-Jun-23	Vanguard Investments Australia Ltd.	BUY	5.81	Ordinary	8,480	8,480
1-Jun-23	Vanguard Investments Australia Ltd.	SELL	5.81	Ordinary	(22,896)	(22,896)
1-Jun-23	Vanguard Investments Australia Ltd.	BUY	5.81	Ordinary	6,084	6,084
1-Jun-23	Vanguard Investments Australia Ltd.	BUY	5.81	Ordinary	3,042	3,042
2-Jun-23	Vanguard Investments Australia Ltd.	BUY	5.89	Ordinary	9,021	9,021
6-Jun-23	Vanguard Investments Australia Ltd.	SELL	6.20	Ordinary	(18,018)	(18,018)
7-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.14	Ordinary	5,985	5,985
7-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.14	Ordinary	3,042	3,042
9-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.40	Ordinary	6,840	6,840
15-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.41	Ordinary	7,713	7,713
16-Jun-23	Vanguard Investments Australia Ltd.	SELL	6.94	Ordinary	(255,542)	(255,542)
16-Jun-23	Vanguard Investments Australia Ltd.	SELL	6.94	Ordinary	(111,592)	(111,592)
19-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.74	Ordinary	6,014	6,014
22-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.72	Ordinary	2,925	2,925
22-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.72	Ordinary	1,950	1,950
23-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.66	Ordinary	2,925	2,925
26-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.56	Ordinary	6,680	6,680
26-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.56	Ordinary	1,950	1,950
27-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.57	Ordinary	7,497	7,497
27-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.57	Ordinary	3,900	3,900
27-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.57	Ordinary	9,024	9,024
29-Jun-23	Vanguard Investments Australia Ltd.	BUY	6.80	Ordinary	3,904	3,904
30-Jun-23	Vanguard Investments Australia Ltd.	SELL	6.71	Ordinary	(12,787)	(12,787)
3-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.76	Ordinary	13,232	13,232
3-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.76	Ordinary	2,967	2,967
4-Jul-23	Vanguard Investments Australia Ltd.	SELL	6.92	Ordinary	(53,885)	(53,885)
5-Jul-23	Vanguard Investments Australia Ltd.	SELL	6.85	Ordinary	(41,700)	(41,700)
5-Jul-23	Vanguard Investments Australia Ltd.	SELL	6.85	Ordinary	(8,340)	(8,340)
5-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.85	Ordinary	1,930	1,930
6-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.71	Ordinary	965	965
7-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.61	Ordinary	8,360	8,360
7-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.61	Ordinary	2,895	2,895
10-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.59	Ordinary	14,195	14,195
10-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.59	Ordinary	5,790	5,790
12-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.67	Ordinary	3,860	3,860
17-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.83	Ordinary	114,831	114,831
19-Jul-23	Vanguard Investments Australia Ltd.	BUY	7.00	Ordinary	8,330	8,330
19-Jul-23	Vanguard Investments Australia Ltd.	SELL	7.00	Ordinary	(4,825)	(4,825)
20-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.90	Ordinary	4,170	4,170
20-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.90	Ordinary	8,913	8,913
21-Jul-23	Vanguard Investments Australia Ltd.	BUY	7.01	Ordinary	6,755	6,755
24-Jul-23	Vanguard Investments Australia Ltd.	BUY	7.23	Ordinary	6,624	6,624
25-Jul-23	Vanguard Investments Australia Ltd.	BUY	7.39	Ordinary	5,966	5,966
25-Jul-23	Vanguard Investments Australia Ltd.	BUY	7.39	Ordinary	38,779	38,779
26-Jul-23	Vanguard Investments Australia Ltd.	SELL	7.52	Ordinary	(3,860)	(3,860)
26-Jul-23	Vanguard Investments Australia Ltd.	SELL	7.52	Ordinary	(86,507)	(86,507)
28-Jul-23	Vanguard Investments Australia Ltd.	BUY	7.03	Ordinary	1,930	1,930
31-Jul-23	Vanguard Investments Australia Ltd.	BUY	6.92	Ordinary	1,930	1,930
3-Aug-23	Vanguard Investments Australia Ltd.	BUY	6.89	Ordinary	6,536	6,536
4-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.07	Ordinary	2,895	2,895
4-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.07	Ordinary	8,973	8,973
8-Aug-23	Vanguard Investments Australia Ltd.	BUY	6.98	Ordinary	2,895	2,895
9-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.14	Ordinary	8,130	8,130
9-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.14	Ordinary	1,930	1,930
10-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.45	Ordinary	8,150	8,150
11-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.23	Ordinary	1,932	1,932
14-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.14	Ordinary	2,898	2,898
16-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.39	Ordinary	8,150	8,150
16-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.39	Ordinary	6,520	6,520
16-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.39	Ordinary	4,840	4,840
16-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.39	Ordinary	2,904	2,904
17-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.49	Ordinary	8,130	8,130
17-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.49	Ordinary	1,936	1,936
17-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.49	Ordinary	11,960	11,960


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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
18-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.28	Ordinary	8,110	8,110
18-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.28	Ordinary	1,936	1,936
21-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.25	Ordinary	1,936	1,936
22-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.34	Ordinary	69,190	69,190
22-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.34	Ordinary	3,872	3,872
23-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.29	Ordinary	8,140	8,140
23-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.29	Ordinary	22,792	22,792
23-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.29	Ordinary	3,256	3,256
23-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.29	Ordinary	35,816	35,816
23-Aug-23	Vanguard Investments Australia Ltd.	BUY	7.29	Ordinary	6,783	6,783
23-Aug-23	Vanguard Investments Australia Ltd.	SELL	7.29	Ordinary	(2,907)	(2,907)
25-Aug-23	Vanguard Investments Australia Ltd.	BUY	6.48	Ordinary	8,130	8,130
25-Aug-23	Vanguard Investments Australia Ltd.	BUY	6.48	Ordinary	2,907	2,907
30-Aug-23	Vanguard Investments Australia Ltd.	BUY	6.72	Ordinary	8,070	8,070
30-Aug-23	Vanguard Investments Australia Ltd.	BUY	6.72	Ordinary	21,789	21,789
31-Aug-23	Vanguard Investments Australia Ltd.	SELL	6.09	Ordinary	(100,878)	(100,878)
1-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.33	Ordinary	5,642	5,642
4-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.41	Ordinary	1,952	1,952
6-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.37	Ordinary	11,494	11,494
6-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.37	Ordinary	1,950	1,950
7-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.18	Ordinary	1,956	1,956
8-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.24	Ordinary	1,956	1,956
11-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.11	Ordinary	3,308	3,308
11-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.11	Ordinary	1,956	1,956
11-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.11	Ordinary	8,442	8,442
12-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.13	Ordinary	8,240	8,240
12-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.13	Ordinary	2,934	2,934
14-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.37	Ordinary	10,751	10,751
15-Sep-23	Vanguard Investments Australia Ltd.	SELL	6.66	Ordinary	(516,204)	(516,204)
15-Sep-23	Vanguard Investments Australia Ltd.	SELL	6.66	Ordinary	(156,182)	(156,182)
19-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.69	Ordinary	7,840	7,840
20-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.69	Ordinary	2,766	2,766
21-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.70	Ordinary	9,396	9,396
21-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.70	Ordinary	3,688	3,688
22-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.75	Ordinary	15,600	15,600
22-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.75	Ordinary	5,532	5,532
25-Sep-23	Vanguard Investments Australia Ltd.	SELL	6.98	Ordinary	(13,209)	(13,209)
25-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.98	Ordinary	2,766	2,766
25-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.98	Ordinary	8,430	8,430
26-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.94	Ordinary	7,770	7,770
26-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.94	Ordinary	2,766	2,766
27-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.93	Ordinary	6,200	6,200
27-Sep-23	Vanguard Investments Australia Ltd.	BUY	6.93	Ordinary	3,688	3,688
28-Sep-23	Vanguard Investments Australia Ltd.	BUY	7.35	Ordinary	3,100	3,100
28-Sep-23	Vanguard Investments Australia Ltd.	BUY	7.35	Ordinary	2,766	2,766
29-Sep-23	Vanguard Investments Australia Ltd.	BUY	7.11	Ordinary	9,312	9,312
29-Sep-23	Vanguard Investments Australia Ltd.	SELL	7.11	Ordinary	(29,252)	(29,252)
2-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.19	Ordinary	9,841	9,841
2-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.19	Ordinary	2,712	2,712
3-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.93	Ordinary	22,830	22,830
3-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.93	Ordinary	6,328	6,328
4-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.84	Ordinary	11,430	11,430
4-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.84	Ordinary	5,424	5,424
4-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.84	Ordinary	8,421	8,421
5-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.75	Ordinary	5,424	5,424
6-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.47	Ordinary	6,876	6,876
9-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.61	Ordinary	11,520	11,520
12-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.66	Ordinary	7,720	7,720
13-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.71	Ordinary	2,712	2,712
13-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.71	Ordinary	8,415	8,415
16-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.78	Ordinary	2,805	2,805
17-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.79	Ordinary	1,550	1,550
17-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.79	Ordinary	3,875	3,875
17-Oct-23	Vanguard Investments Australia Ltd.	BUY	6.79	Ordinary	12,843	12,843
18-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.57	Ordinary	1,544	1,544
18-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.57	Ordinary	3,616	3,616
19-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.48	Ordinary	7,720	7,720
19-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.48	Ordinary	5,404	5,404

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
20-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.54	Ordinary	7,480	7,480
20-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.54	Ordinary	5,424	5,424
23-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.50	Ordinary	4,520	4,520
23-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.50	Ordinary	8,439	8,439
25-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.77	Ordinary	7,500	7,500
25-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.77	Ordinary	9,000	9,000
25-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.77	Ordinary	6,328	6,328
26-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.77	Ordinary	9,763	9,763
26-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.77	Ordinary	3,755	3,755
30-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.29	Ordinary	1,808	1,808
30-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.29	Ordinary	27,795	27,795
30-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.29	Ordinary	4,520	4,520
31-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.40	Ordinary	7,520	7,520
31-Oct-23	Vanguard Investments Australia Ltd.	BUY	7.40	Ordinary	5,424	5,424
1-Nov-23	Vanguard Investments Australia Ltd.	BUY	7.28	Ordinary	7,530	7,530
2-Nov-23	Vanguard Investments Australia Ltd.	BUY	7.29	Ordinary	7,520	7,520
2-Nov-23	Vanguard Investments Australia Ltd.	BUY	7.29	Ordinary	9,040	9,040
3-Nov-23	Vanguard Investments Australia Ltd.	BUY	7.15	Ordinary	14,145	14,145
3-Nov-23	Vanguard Investments Australia Ltd.	BUY	7.15	Ordinary	8,487	8,487
7-Nov-23	Vanguard Investments Australia Ltd.	BUY	6.80	Ordinary	7,590	7,590
9-Nov-23	Vanguard Investments Australia Ltd.	BUY	6.90	Ordinary	1,812	1,812
14-Nov-23	Vanguard Investments Australia Ltd.	BUY	6.91	Ordinary	4,545	4,545
15-Nov-23	Vanguard Investments Australia Ltd.	BUY	6.83	Ordinary	7,580	7,580
17-Nov-23	Vanguard Investments Australia Ltd.	BUY	6.74	Ordinary	9,084	9,084
17-Nov-23	Vanguard Investments Australia Ltd.	BUY	6.74	Ordinary	15,140	15,140
17-Nov-23	Vanguard Investments Australia Ltd.	BUY	6.74	Ordinary	3,785	3,785
20-Nov-23	Vanguard Investments Australia Ltd.	SELL	6.90	Ordinary	(3,024)	(3,024)
22-Nov-23	Vanguard Investments Australia Ltd.	BUY	6.99	Ordinary	3,755	3,755
22-Nov-23	Vanguard Investments Australia Ltd.	BUY	6.99	Ordinary	3,644	3,644
22-Nov-23	Vanguard Investments Australia Ltd.	BUY	6.99	Ordinary	11,292	11,292
24-Nov-23	Vanguard Investments Australia Ltd.	BUY	7.28	Ordinary	7,470	7,470
24-Nov-23	Vanguard Investments Australia Ltd.	BUY	7.28	Ordinary	910	910
28-Nov-23	Vanguard Investments Australia Ltd.	BUY	7.32	Ordinary	2,730	2,730
29-Nov-23	Vanguard Investments Australia Ltd.	BUY	7.24	Ordinary	7,420	7,420
29-Nov-23	Vanguard Investments Australia Ltd.	BUY	7.24	Ordinary	7,288	7,288
30-Nov-23	Vanguard Investments Australia Ltd.	BUY	7.14	Ordinary	1,820	1,820
30-Nov-23	Vanguard Investments Australia Ltd.	SELL	7.14	Ordinary	(4,946)	(4,946)
30-Nov-23	Vanguard Investments Australia Ltd.	SELL	7.14	Ordinary	(54,955)	(54,955)
1-Dec-23	Vanguard Investments Australia Ltd.	BUY	7.26	Ordinary	3,644	3,644
6-Dec-23	Vanguard Investments Australia Ltd.	BUY	7.09	Ordinary	5,952	5,952
7-Dec-23	Vanguard Investments Australia Ltd.	BUY	7.16	Ordinary	4,555	4,555
8-Dec-23	Vanguard Investments Australia Ltd.	BUY	7.20	Ordinary	8,196	8,196
11-Dec-23	Vanguard Investments Australia Ltd.	BUY	7.22	Ordinary	7,480	7,480
12-Dec-23	Vanguard Investments Australia Ltd.	BUY	7.35	Ordinary	10,928	10,928
15-Dec-23	Vanguard Investments Australia Ltd.	BUY	7.19	Ordinary	3,644	3,644
15-Dec-23	Vanguard Investments Australia Ltd.	SELL	7.19	Ordinary	(1,416,896)	(1,416,896)
15-Dec-23	Vanguard Investments Australia Ltd.	BUY	7.19	Ordinary	4,555	4,555
15-Dec-23	Vanguard Investments Australia Ltd.	SELL	7.19	Ordinary	(411)	(411)
15-Dec-23	Vanguard Investments Australia Ltd.	BUY	7.19	Ordinary	8,178	8,178

This is Annexure A of 6 pages referred to in Form 605, Notice of ceasing to be a substantial holder.

Signature: 
Name: Shawn Acker
Capacity: Compliance Manager
Date: 20 December 2023