

Office of State Revenue
NSW Treasury
Client No: 1846988 2372
Duty: N/A Trans No: ML1725
Asst details: COAL
12-3-2018

MINING LEASE

MINING ACT 1992

NO 1725

DATED 6 MARCH 2018

THE MINISTER FOR RESOURCES

OF THE STATE

OF NEW SOUTH WALES

TO

BLOOMFIELD COLLIERIES PTY

LTD

ACN 000 106 972

Mining Lease No 1725 (Act 1992)

Mining Lease

Section 63 of the *Mining Act 1992*

I, **Kevin Ruming, Director Strategic Resource Assessment and Advice**, pursuant to Division 2 of Part 7 of the *Mining Act 1992*, grant a Mining Lease as described in Schedule 1 to **Bloomfield Collieries Pty Ltd, ACN 000 106 972**, in satisfaction of the partial transfer of Coal Lease 382 (Act 1973) held by HV Coking Coal Pty Limited, ACN 605 492 804 subject to the conditions set out in Schedule 2.

The conditions set out in Schedule 2 are required to:

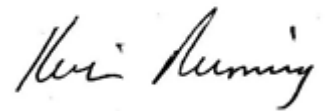
- ensure optimal resource recovery;
- prevent, minimise, and offset adverse environmental impacts;
- provide for the ongoing environmental management of the project; and
- ensure that the areas disturbed by mineral production and exploration activities are appropriately rehabilitated.

The rights and duties of a Lease Holder are those prescribed by the *Mining Act 1992*, subject to the terms and conditions of this Lease. This lease does not override any obligation on the Lease Holder to comply with the requirements of other legislation and regulatory instruments which may apply to the Lease Holder (including all relevant development approvals) unless specifically provided in the *Mining Act 1992* or other legislation or regulatory instruments.

The partial transfer was approved by Hon Don Harwin, Minister for Resources on 31 January 2018.

This Mining Lease is effective from the date of registration of the partial transfer being 6 March 2018.

SIGNED



Kevin Ruming
Director Strategic Resource Assessment & Advice
As delegate for the Minister for Resources
Delegation dated: 1 May 2017

Dated: 6 March 2018

SCHEDULE 1

Description of Lease

Land: The lease area embraces all land described in the attached lease plan titled **M27403** and approved on **26 August 2016**.

Area: 785.3 hectares

Surface Exception: Part 20 metres below the surface

Depth Restriction: 900 metres below Australian Height Datum

Minerals: Coal
Petroleum (mining operations by-product only)

Method: Open cut & Underground

Due expiry date: 11 November 2033

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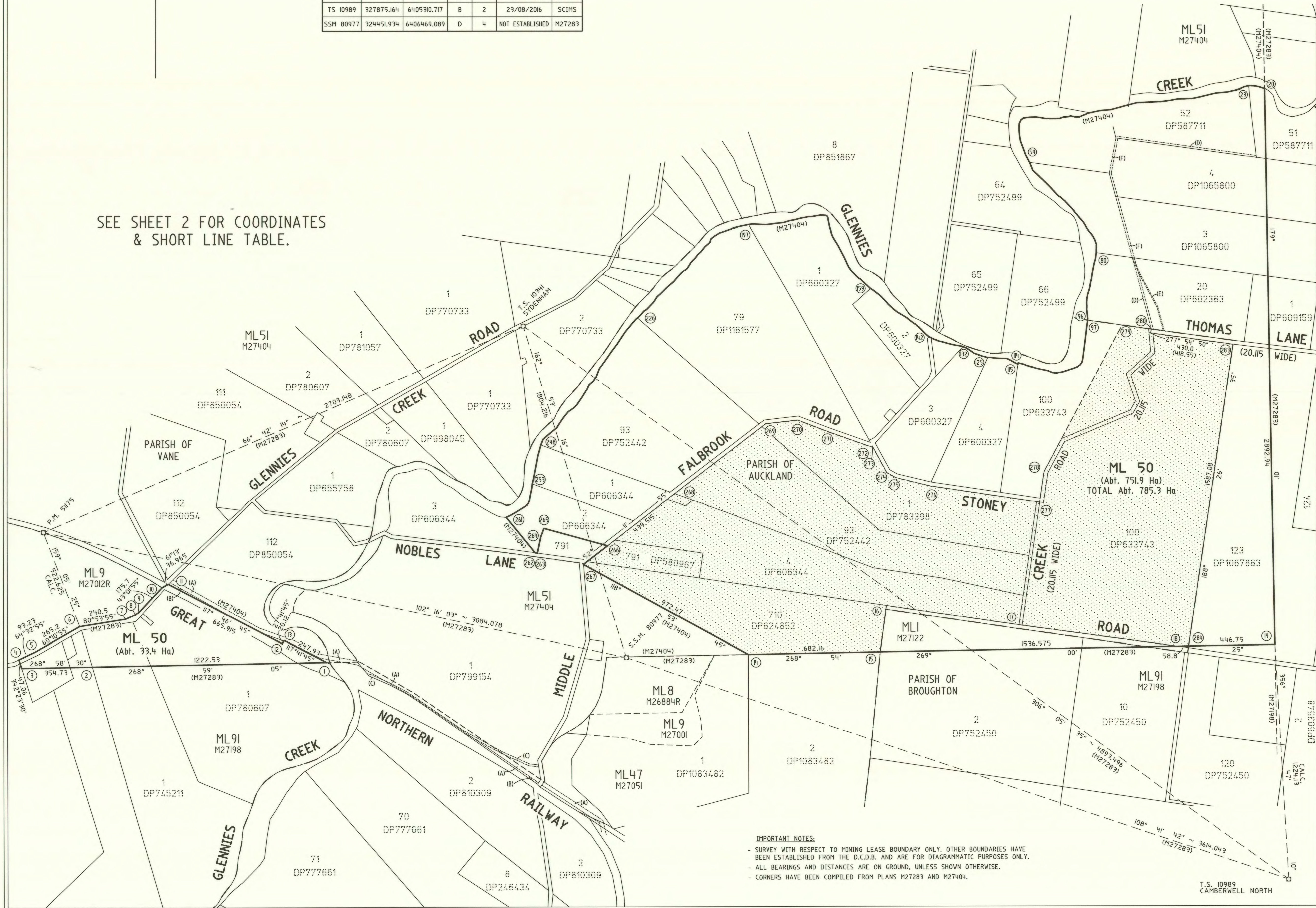
M.G.A.



SURVEYING REGULATION 2006 CLAUSE 35(1)(b) & 6(2)						
M.G.A. CO-ORDINATES - ZONE 56 COMBINED SCALE FACTOR : 0.99997						
MARK	EASTING	NORTHING	CLASS	ORDER	METHOD/DATE	ORIGIN
PM 51175	32438.405	6407124.336	C	3	23/08/2016	SCIMS
TS 10341	323921.053	6408193.370	B	2	23/08/2016	SCIMS
TS 10989	327875.164	6405310.717	B	2	23/08/2016	SCIMS
SSM 80977	324451.934	6406469.089	D	4	NOT ESTABLISHED	M27283

- (A) - EASEMENT FOR TRANSMISSION LINE 20.115 WIDE (VIDE D.P.234515).
(B) - EASEMENT FOR TRANSMISSION LINE 10.06 WIDE (VIDE D.P.234515).
(C) - EASEMENT FOR WATER SUPPLY PIPELINE 10 WIDE (VIDE D.P.148750).
(D) - RIGHT OF WAY 10.06 WIDE (VIDE No. 867 BK. 950).
(E) - RIGHT OF CARRIAGEWAY 5 WIDE AND VARIABLE (VIDE D.P.602363).
(F) - RIGHT OF WAY 10.06 WIDE (VIDE No. 843 BK. 390).

SEE SHEET 2 FOR COORDINATES
& SHORT LINE TABLE.



PLAN OF PORTION ML 50

PARISH: AUCKLAND, BROUGHTON
& VANE.

COUNTY: DURHAM

MAP SHEET No. 9133-3-S

REDUCTION RATIO 1: 10,000

MINING LEASE APPLICATION No. N/A

MINING DIVISION: SINGLETON

APPLICANT: BLOOMFIELD COLLIERIES
PTY LTD

GRANT DATE:

MINING LEASE No. 1725 (ACT 1992)

STATUS:

METHOD: OPEN CUT & UNDERGROUND

SURFACE EXCEPTION / DEPTH RESTRICTION

- EMBRACES THE SURFACE AND SOIL BELOW THEREOF TO A DEPTH OF 900m BELOW AUSTRALIAN HEIGHT DATUM (AHD).
- EMBRACES THE STRATA BETWEEN A DEPTH OF 20m BELOW THE SURFACE TO A DEPTH OF 900m BELOW (AHD).

NOTES: PART TRANSFER OF CL 382

Azimuth: 'X' - 'Y'

Plans used in the course of this survey/compilation
M27283 & M27404

Survey declared on this plan for lines

I Martin Alexander Burns
of Survey and Drafting Resources Pty.Ltd.
a surveyor registered under the Surveying and Spatial
Information Act 2002, hereby certify that the survey/
compilation represented in this plan is accurate and
has been completed in accordance with the Surveying
and Spatial Information Regulation 2012 and the
Surveyor General's Direction for Mining Surveys and
was completed on 7/06/2016

Signature : *M.A. Burns*

BOSSI Identification No : 263

Survey Calcs : 26-08-2016

Plan Investigated : *Plan* 26-08-2016

Plan Approved : 15/2669

Paper No : 15/2669

R17009232
D110097810

IMPORTANT NOTES:

- SURVEY WITH RESPECT TO MINING LEASE BOUNDARY ONLY. OTHER BOUNDARIES HAVE BEEN ESTABLISHED FROM THE D.C.D.B. AND ARE FOR DIAGRAMMATIC PURPOSES ONLY.
- ALL BEARINGS AND DISTANCES ARE ON GROUND, UNLESS SHOWN OTHERWISE.
- CORNERS HAVE BEEN COMPILED FROM PLANS M27283 AND M27404.

M27403

CO-ORDINATE TABLE
(M.G.A. ZONE 56)

No.	EASTING	NORTHING
1	322901.813	6406447.385
2	321679.513	6406425.725
3	321324.851	6406419.383
4	321310.614	6406464.235
5	321394.793	6406504.299
6	321624.877	6406636.169
7	321862.344	6406674.213
8	321914.563	6406697.556
9	321931.502	6406708.924
10	322051.397	6406837.355
11	322083.795	6406855.153
12	322672.945	6406544.801
13	322682.296	6406562.614

SHORT LINE TABLE

No.	BEARING	DISTANCE
7	65° 54' 55"	57.2
8	56° 07' 55"	20.4

CO-ORDINATE TABLE (M.G.A. ZONE 56)

No.	EASTING	NORTHING	No.	EASTING	NORTHING	No.	EASTING	NORTHING
14	325082.776	6406484.379	99	326831.705	6408148.281	184	325461.348	6408769.660
15	325764.788	6406497.471	100	326823.035	6408076.883	185	325414.473	6408761.257
16	325797.687	6406737.781	101	326814.423	6408012.905	186	325401.115	6408761.119
17	326478.968	6406637.070	102	326809.949	6407998.544	187	325355.923	6408752.628
18	327301.029	6406524.111	103	326801.026	6407987.196	188	325321.370	6408743.628
19	327806.543	6406532.874	104	326786.037	6407976.369	189	325314.214	6408742.900
20	327756.875	6409425.300	105	326762.095	6407967.991	190	325294.357	6408738.364
21	327722.047	6409436.384	106	326713.608	6407951.861	191	325270.593	6408730.661
22	327705.274	6409439.065	107	326677.540	6407945.460	192	325221.466	6408725.042
23	327674.493	6409440.371	108	326660.469	6407947.610	193	325179.549	6408719.722
24	327651.584	6409434.871	109	326631.114	6407959.066	194	325157.359	6408720.391
25	327624.385	6409422.316	110	326602.363	6407964.007	195	325115.403	6408723.116
26	327567.589	6409409.273	111	326580.608	6407969.381	196	325098.579	6408722.404
27	327502.678	6409403.091	112	326524.319	6407984.645	197	325086.899	6408720.037
28	327464.101	6409393.669	113	326511.969	6407990.446	198	325044.753	6408711.639
29	327424.319	6409383.935	114	326481.258	6407998.105	199	325011.358	6408703.162
30	327382.654	6409374.869	115	326480.454	6407992.113	200	324963.378	6408685.753
31	327343.001	6409373.763	116	326471.666	6407995.110	201	324935.943	6408676.639
32	327304.025	6409372.430	117	326462.259	6408000.036	202	324909.893	6408660.163
33	327268.969	6409365.378	118	326443.454	6408011.190	203	324893.089	6408646.827
34	327220.013	6409359.046	119	326426.568	6408019.482	204	324886.832	6408628.284
35	327178.188	6409357.696	120	326417.462	6408021.446	205	324860.181	6408604.709
36	327092.751	6409353.073	121	326404.872	6408021.651	206	324838.895	6408577.200
37	327022.406	6409334.146	122	326381.393	6408022.461	207	324827.228	6408567.579
38	326962.543	6409317.543	123	326359.340	6408023.857	208	324819.417	6408557.554
39	326905.304	6409312.181	124	326338.323	6408026.503	209	324809.055	6408544.792
40	326843.389	6409298.707	125	326324.339	6408026.401	210	324799.543	6408535.733
41	326798.031	6409279.277	126	326293.777	6408034.274	211	324788.250	6408522.994
42	326775.085	6409280.036	127	326266.405	6408044.063	212	324779.883	6408507.999
43	326752.934	6409284.913	128	326254.701	6408047.876	213	324766.796	6408489.348
44	326740.686	6409280.724	129	326234.281	6408056.584	214	324752.454	6408480.126
45	326715.319	6409278.544	130	326220.791	6408071.834	215	324738.276	6408467.731
46	326699.018	6409272.759	131	326210.414	6408078.162	216	324721.439	6408449.045
47	326680.133	6409270.731	132	326195.805	6408083.259	217	324700.530	6408424.108
48	326646.842	6409270.348	133	326189.840	6408085.551	218	324664.011	6408392.791
49	326622.323	6409271.833	134	326157.589	6408091.109	219	324633.867	6408362.806
50	326597.793	6409276.053	135	326142.457	6408094.263	220	324613.757	6408344.680
51	326573.384	6409279.235	136	326114.699	6408101.097	221	324595.866	6408316.491
52	326536.852	6409277.506	137	326087.560	6408108.683	222	324559.624	6408278.463
53	326507.995	6409273.587	138	326067.441	6408113.384	223	324544.861	6408269.556
54	326495.829	6409263.674	139	326058.165	6408118.449	224	324530.853	6408252.044
55	326487.288	6409244.293	140	326052.160	6408119.936	225	324517.556	6408238.389
56	326486.770	6409210.858	141	326037.712	6408126.144	226	324503.553	6408227.221
57	326488.203	6409188.815	142	326019.847	6408135.702	227	324482.635	6408203.077
58	326493.059	6409156.852	143	326002.532	6408150.563	228	324449.402	6408162.422
59	326521.529	6409079.915	144	325983.606	6408170.184	229	324406.696	6408097.501
60	326542.884	6409037.020	145	325968.373	6408185.322	230	324375.553	6408055.960
61	326553.194	6409012.347	146	325958.282	6408192.869	231	324358.816	6408030.925
62	326557.084	6409001.774	147	325949.749	6408201.117	232	324340.224	6408004.100
63	326582.170	6408978.048	148	325936.928	6408209.457	233	324315.917	6407971.305
64	326610.214	6408950.907	149	325916.283	6408225.230	234	324299.075	6407927.657
65	326631.323	6408929.983	150	325905.364	6408234.497	235	324283.169	6407904.918
66	326657.001	6408903.528	151	325884.472	6408247.738	236	324263.201	6407888.238
67	326690.805	6408867.128	152	325857.384	6408263.760	237	324251.582	6407864.263
68	326701.778	6408861.012	153	325835.915	6408280.454	238	324223.154	6407839.264
69	326710.040	6408853.274	154	325810.370	6408304.673	239	324198.208	6407782.792
70	326723.561	6408841.376	155	325793.591	6408324.016	240	324182.092	6407766.721
71	326758.954	6408803.551	156	325772.870	6408345.525	241	324153.718	6407747.566
72	326771.656	6408787.923	157	325750.817	6408363.820	242	324134.942	6407725.118
73	326790.685	6408764.110	158	325728.977	6408380.329	243	324119.005	6407703.213
74	326816.259	6408735.321	159	325718.533	6408386.666	244	324093.404	6407663.004
75	326825.952	6408721.559	160	325687.175	6408415.725	245	324056.387	6407632.888
76	326837.316	6408699.268	161	325663.859	6408437.480	246	324037.584	6407616.592
77	326867.873	6408661.333	162	325655.785	6408441.736	247	324023.569	6407604.504
78	326878.503	6408640.144	163	325646.470	6408450.058	248	324011.632	6407574.335
79	326886.535	6408617.113	164	325624.134	6408473.974	249	323996.873	6407519.353
80	326885.733	6408573.126	165	325615.325	6408484.828	250	323982.014	6407440.448
81	326881.286	6408538.759	166	325606.282	6408497.995	251	323974.259	6407400.264
82	326876.937	6408525.389	167	325598.552	6408513.139	252	323967.870	6407375.064
83	326872.685	6408507.761	168	325589.089	6408534.775	253	323964.260	6407345.287
84	326866.332	6408473.882	169	325581.841	6408550.726	254	323958.413	6407319.587
85	326859.962	6408433.235	170	325561.388	6408589.642	255	323952.594	6407287.766
86	326856.133	6408419.058	171	325551.146	6408609.849	256	323946.667	6407271.892
87	326852.201	6408392.090	172	325537.046	6408632.677	257	323940.811	6407263.986
88	326846.911	6408373.274	173	325525.991	6408651.047	258	323922.513	6407251.161
89	326841.798	6408358.821	174	325519.922	6408663.143	259	323883.822	6407227.093
90	326837.071	6408335.263	175	325514.778	6408677.710	260	323853.839	6407209.777
91	326835.751	6408317.222	176	325511.263	6408693.213	261	323832.933	6407200.069
92	326836.607	6408292.166	177	325506.668	6408706.764	262	323981.942	6407015.131
93	326836.031	6408280.912	178	325503.141	6408724.568	263	323993.190	6407013.545
94	326839.046	6408251.564	179	325498.782	6408746.624	264	324010.545	6407097.504
95	326841.323	6408228.205	180	325497.119	6408757.855	265	324026.713	6407142.215
96	326841.064	6408220.609	181	325493.707	6408763.584	266	324356.163	6407051.061
97	326841.114	6408220.602	182	325487.973	6408767.755	267	324231.008	6406954.289
98	326834.918	6408179.598	183	325472.770	6408768.647			

SHORT LINE TABLE

No.	BEARING	DISTANCE	No.	BEARING	DISTANCE	No.	BEARING	DISTANCE	No.	BEARING	DISTANCE
15	7° 47' 45"	242.565	80	187° 22' 25"	34.655	143	316° 01' 55"	27.265	206	230° 29' 25"	15.125
16	98° 24' 30"	688.73	81	198° 01' 00"	14.06	144	314° 49' 15"	21.475	207	217° 55' 25"	12.71
17	97° 49' 25"	829.84	82	193° 33' 45"	18.135	145	306° 47' 40"	12.6	208	219° 04' 30"	16.44
20	287° 39' 10"	36.55	83	190° 37' 15"	34.47	146	314° 01' 30"	11.87	209	226° 23' 50"	13.135
21	279° 05' 00"	16.985	84	188° 54' 20"	41.145	147	303° 02' 35"	15.295	210	221° 33' 25"	17.025
22	272° 25' 45"	30.81	85	195° 06' 55"	14.685	148	307° 22' 55"	25.98	211	209° 09' 40"	17.17
23	256° 29' 55"	23.56	86	188° 17' 40"	27.255	149	310° 19' 10"	14.32	212	215° 03' 25"	22.785
24	245° 13' 25"	29.955	87	195° 42' 15"	19.545	150	302° 22' 00"	24.735	213	237° 15' 30"	17.05
25	273° 03' 55"	58.275	88	199° 28' 50"	15.33	151	300° 36' 15"	31.47	214	228° 50' 20"	18.835
26	264° 33' 35"	65.205	89	191° 20' 50"	24.03	152	307° 52' 00"	27.195	215	222° 01' 15"	25.555
27	256° 15' 45"	39.715	90	184° 11' 05"	18.09	153	313° 28' 25"	35.2	216	219° 58' 45"	32.545
28	256° 15' 45"	40.955	91	178° 02' 30"	25.07	154	319° 03' 40"	25.605	217	229° 23' 05"	48.11
29	257° 43' 25"	42.64	92	182° 56' 05"	11.27	155	316° 04' 10"	29.87	218	225° 09' 05"	42.52
30	268° 24' 10"	39.67	93	174° 08' 00"	29.505	156	309° 40' 45"	28.655	219	227° 58' 15"	27.075
31	268° 02' 30"	39	94	174° 26' 00"	23.47	157	307° 05' 05"	27.38	220	212° 24' 10"	33.39
32	258° 37' 35"	35.76	95	181° 57' 00"	7.6	158	301° 14' 50"	12.215	221	223° 37' 20"	52.535
33	262° 37' 50"	49.365	96	98° 03' 15"	0.05	159	312° 49' 20"	42.755	222	238° 53' 45"	17.24
34	268° 09' 05"	41.85	97	188° 35' 30"	31.47	160	313° 01' 00"	31.89	223	218° 39' 25"	22.425
35	266° 54' 10"	85.655	98	185° 51' 30"	41.845	161	297° 47' 40"	9.125	224	224° 14' 20"	19.06
36	254° 56' 30"	72.85	99	186° 55' 25"	71.925	162	311° 46' 35"	12.49	225	231° 25' 35"	17.91
37	254° 29' 55"	62.125	100	187° 40' 00"	64.555	163	316° 57' 30"	32.725	226	220° 54' 20"	31.945
38	264° 38' 55"	57.49	101	197° 18' 15"	15.04	164	320° 56' 20"	13.98	227	219° 15' 50"	52.51
39	257° 43' 20"	63.365	102	218° 10' 45"	14.435	165	325° 31' 10"	15.975	228	213° 20' 15"	77.71
40	246° 44' 40"	49.345	103	234° 09' 30"	18.49	166	332° 57' 25"	17.005	229	216° 51' 30"	51.92
41	271° 53' 40"	22.96	104	250° 42' 50"	25.365	167	336° 22' 40"	23.615	230	213° 45' 50"	30.115
42	282° 25' 00"	22.68	105	251° 36' 00"	5.11	168	335° 33' 40"	17.52	231	214° 43' 30"	32.64
43	251° 07' 05"	12.945	106	259° 56' 10"	36.635	169	332° 16' 30"	43.965	232	216° 32' 40"	40.82
44	265° 04' 55"	25.43	107	271° 10' 45"	17.205	170	333° 07' 20"	22.655	233	201° 06' 00"	46.785
45	250° 29' 40"	17.325	108	291° 19' 05"	31.51	171	328° 17' 55"	26.835	234	214° 58' 20"	27.75
46	263° 52' 15"	18.995	109	279° 45' 05"	29.175	172	338° 57' 40"	21.44	235	230° 07' 35"	26.605
47	269° 20' 25"	33.295	110	283° 52' 30"	22.41	173	329° 21' 15"	13.535	236	205° 51' 20"	26.42
48	273° 27' 55"	24.565	111	285° 10' 20"	58.325	174	340° 33' 05"	15.45	237	212° 16' 55"	53.23
49	279° 45' 40"	24.89	112	295° 09' 40"	13.645	175	347° 13' 25"	15.895	238	214° 22' 15"	44.19
50	277° 25' 40"	24.615	113	284° 00' 10"	31.655	176	341° 16' 00"	14.31	239	225° 04' 50"	22.76
51	267° 17' 25"	36.575	114	187° 38' 10"	6.045	177	348° 47' 45"	18.15	240	235° 58' 40"	34.235
52	262° 16' 00"	29.125	115	288° 49' 40"	9.285	178	348° 49' 10"	22.485	241	219° 54' 35"	29.265
53	230° 49' 40"	15.695	116	297° 38' 25"	10.62	179	351° 34' 45"	11.355	242	216° 02' 15"	27.09
54	203° 46' 55"	21.18	117	300° 40' 30"	21.865	180	329° 13' 30"	6.67	243	212° 29' 05"	47.67
55	180° 53' 15"	33.44	118	286° 09' 15"	9.81	181	306° 01' 45"	7.09	244	230° 52' 10"	47.72
56	176° 16' 55"	22.09	119	282° 01' 05"	13.15	182	273° 21' 30"	15.23	245	229° 05' 10"	24.885
57	171° 21' 40"	32.33	120	270° 56' 10"	12.59	183	275° 04' 10"	11.465	246	229° 13' 20"	18.51
58	159° 41' 35"	82.04	121	271° 58' 25"	23.995	184	259° 50' 15"	47.625	247	201° 35' 15"	32.445
59	153° 32' 00"	47.92	122	273° 37' 20"	22.1	185	269° 24' 15"	13.36	248	195° 01' 35"	56.93
60	157° 19' 20"	26.74	123	277° 10' 35"	21.185	186	259° 21' 35"	45.985	249	190° 39' 55"	80.295
61	159° 47' 55"	11.265	124	266° 34' 55"	13.985	187	255° 24' 00"	35.705	250	190° 55' 20"	40.925
62	133° 24' 20"	34.53	125	284° 26' 50"	31.56	188	264° 11' 45"	7.195	251	194° 13' 55"	26
63	134° 37' 45"	39.03	126	289° 40' 45"	29.07	189	257° 07' 55"	20.37	252	186° 54' 30"	29.995
64	134° 44' 50"	29.725	127	288° 02' 35"	12.31	190	252° 02' 25"	24.98	253	192° 48' 55"	26.355
65	135° 51' 15"	36.87	128	307° 19' 35"	14.36	191	263° 28' 30"	49.445	254	190° 21' 45"	32.35
66	137° 07' 00"	49.675	129	304° 08' 30"	27.175	192	262° 46' 00"	42.255	255	200° 28' 30"	16.945
67	119° 08' 10"	12.565	130	303° 22' 25"	12.155	193	271° 43' 35"	22.2	256	216° 31' 40"	9.84
68	133° 07' 25"	11.32	131	289° 14' 05"	15.475	194	273° 43' 00"	42.045	257	234° 58' 20"	22.345
69	131° 20' 50"	18.01	132	291° 00' 50"	6.39	195	267° 34' 40"	16.84	258	238° 07' 00"	45.565
70	136° 54' 10"	51.805	133	279° 46' 45"	32.725	196	258° 32' 30"	11.915	259	239° 59' 30"	34.265
71	140° 53' 50"	20.14	134	281° 46' 15"	15.46	197	258° 43' 55"	42.975	260	245° 05' 35"	23.05
72	141° 22' 20"	30.485	135	283° 49' 55"	28.59	198	255° 45' 25"	34.455	261	141° 08' 25"	237.5
73	138° 23' 05"	38.51	136	285° 37' 00"	28.18	199	250° 03' 25"	51.04	262	98° 01' 35"	11.36
74	144° 50' 30"	16.895	137	283° 09' 05"	20.66	200	251° 37' 25"	28.91	263	111° 40' 45"	85.735
75	152° 59' 15"	25.02	138	298° 38' 10"	10.57	201	237° 41' 15"	30.825	264	191° 52' 55"	47.545
76	141° 08' 55"	48.715	139	284° 54' 35"	6.185	202	231° 31' 50"	21.455	265	105° 27' 55"	341.84
77	153° 21' 30"	23.705	140	293° 15' 10"	15.725	203	198° 38' 45"	19.57	266	232° 11' 55"	157.895
78	160° 46' 25"	24.39	141	298° 08' 50"	20.26	204	228° 30' 15"	35.585			
79	181° 02' 40"	43.995	142	310° 38' 20"	22.82	205	217° 43' 55"	34.785			

MINING LEASE CONDITIONS 2013

Definitions

- 1. Notice to Landholders**
- 2. Rehabilitation**
- 3. Mining Operations Plan and Annual Rehabilitation Report**
- 4. Compliance Report**
- 5. Environmental Incident Report**
- 6. Extraction Plan**
- 7. Resource Recovery**
- 8. Group Security**
- 9. Cooperation Agreement**
- 10. Prescribed Dam**
- 11. Petroleum (mining operations by-product only)**
- 12. Reserve**

Note: Exploration Reports (Geological and Geophysical)

Definitions:

Words used in this mining lease have the same meaning as defined in the *Mining Act 1992* except where otherwise defined below:

Act means the *Mining Act 1992*.

Department means the Division of Resources & Geoscience within the Department of Planning and Environment.

Environment has the same meaning as in the *Protection of the Environment Operations Act 1997*.

Harm to the environment has the same meaning as in the *Protection of the Environment Operations Act 1997*.

Landholder for the purposes of these conditions does not include a secondary landholder and includes, in the case of exempted areas, the controlling body for the exempted area.

Material harm to the environment has the same meaning as in the *Protection of the Environment Operations Act 1997*.

Minister means the Minister administering the Act.

Pollution incident has the same meaning as in the *Protection of the Environment Operations Act 1997*.

MINING LEASE CONDITIONS 2013

1. Notice to Landholders

- (a) Within a period of three months from the date of grant/renewal of this mining lease, the lease holder must serve on each landholder a notice in writing indicating that this mining lease has been granted/renewed and whether the lease includes the surface. A plan identifying each landholder and individual land parcel subject to the lease area, and a description of the lease area must accompany the notice.
- (b) If there are ten or more landholders, the lease holder may serve the notice by publication in a newspaper circulating in the region where the lease area is situated. The notice must indicate that this mining lease has been granted/renewed; state whether the lease includes the surface and must contain a plan and description of the lease area. If a notice is made under condition 1(b), compliance with condition 1(a) is not required.

2. Rehabilitation

Any disturbance resulting from the activities carried out under this mining lease must be rehabilitated to the satisfaction of the Minister.

3. Mining Operations Plan and Annual Rehabilitation Report

- (a) The lease holder must comply with an approved Mining Operations Plan (MOP) in carrying out any significant surface disturbing activities, including mining operations, mining purposes and prospecting. The lease holder must apply to the Minister for approval of a MOP. An approved MOP must be in place prior to commencing any significant surface disturbing activities, including mining operations, mining purposes and prospecting.
- (b) The MOP must identify the post mining land use and set out a detailed rehabilitation strategy which:
- (i) identifies areas that will be disturbed;
 - (ii) details the staging of specific mining operations, mining purposes and prospecting;
 - (iii) identifies how the mine will be managed and rehabilitated to achieve the post mining land use;
 - (iv) identifies how mining operations, mining purposes and prospecting will be carried out in order to prevent and or minimise harm to the environment; and
 - (v) reflects the conditions of approval under:
 - the *Environmental Planning and Assessment Act 1979*;
 - the *Protection of the Environment Operations Act 1997*; and

- any other approvals relevant to the development including the conditions of this mining lease.
- (c) The MOP must be prepared in accordance with the *ESG3: Mining Operations Plan (MOP) Guidelines September 2013* published on the Department's website at www.resources.nsw.gov.au/environment
- (d) The lease holder may apply to the Minister to amend an approved MOP at any time.
- (e) It is not a breach of this condition if:
- (i) the operations which, but for this condition 3(e) would be a breach of condition 3(a), were necessary to comply with a lawful order or direction given under the *Environmental Planning and Assessment Act 1979*, the *Protection of the Environment Operations Act 1997*, the *Mine Health and Safety Act 2004 / Coal Mine Health and Safety Act 2002* and *Mine Health and Safety Regulation 2007 / Coal Mine Health and Safety Regulation 2006* or the *Work Health and Safety Act 2011*; and
 - (ii) the Minister had been notified in writing of the terms of the order or direction prior to the operations constituting the breach being carried out.
- (f) The lease holder must prepare a Rehabilitation Report to the satisfaction of the Minister. The report must:
- (i) provide a detailed review of the progress of rehabilitation against the performance measures and criteria established in the approved MOP;
 - (ii) be submitted annually on the grant anniversary date (or at such other times as agreed by the Minister); and
 - (iii) be prepared in accordance with any relevant annual reporting guidelines published on the Department's website at www.resources.nsw.gov.au/environment.

Note: The Rehabilitation Report replaces the Annual Environmental Management Report.

4. Compliance Report

- (a) The lease holder must submit a Compliance Report to the satisfaction of the Minister. The report must be prepared in accordance with any relevant guidelines or requirements published by the Minister for compliance reporting.
- (b) The Compliance Report must include:
- (i) the extent to which the conditions of this mining lease or any provisions of the Act or the regulations applicable to activities under this mining lease, have or have not been complied with;
 - (ii) particulars of any non-compliance with any such conditions or provisions,
 - (iii) the reasons for any such non-compliance;

- (iv) any action taken, or to be taken, to prevent any recurrence, or to mitigate the effects, of that non-compliance.
- (c) The Compliance Report must be lodged with the Department annually on the grant anniversary date for the life of this mining lease.
- (d) In addition to annual lodgement under condition 4(c) above, a Compliance Report:
 - (i) must accompany any application to renew this mining lease under the Act;
 - (ii) must accompany any application to transfer this mining lease under the Act; and
 - (iii) must accompany any application to cancel, or to partially cancel, this mining lease under the Act.
- (e) Despite the submission of any Compliance Report under (c) or (d) above, the titleholder must lodge a Compliance Report with the Department at any date or dates otherwise required by the Minister.
- (f) A Compliance Report must be submitted one month prior to the expiry of this mining lease, where the licence holder is not seeking to renew or cancel this mining lease.

5. Environmental Incident Report

- (a) The lease holder must notify the Department of all:
 - (i) breaches of the conditions of this mining lease or breaches of the Act causing or threatening material harm to the environment; and
 - (ii) breaches of environmental protection legislation causing or threatening material harm to the environment (as defined in the *Protection of the Environment Administration Act 1991*),

arising in connection with significant surface disturbing activities, including mining operations, mining purposes and prospecting operations, under this mining lease. The notification must be given immediately after the lease holder becomes aware of the breach.

Note. Refer to www.resources.nsw.gov.au/environment for notification contact details.

- (b) The lease holder must submit an Environmental Incident Report to the Department within seven (7) days of all breaches referred to in condition 5(a)(i) and (ii). The Environmental Incident Report must include:
 - (i) the details of the mining lease;
 - (ii) contact details for the lease holder;
 - (iii) a map identifying the location of the incident and where material harm to the environment has or is likely to occur;

- (iv) a description of the nature of the incident or breach, likely causes and consequences;
- (v) a timetable showing actions taken or planned to address the incident and to prevent future incidents or breaches referred to in 5(a).
- (vi) a summary of all previous incidents or breaches which have occurred in the previous 12 months relating to significant surface disturbing activities, including mining operations, mining purposes and prospecting operations under this mining lease.

Note. The lease holder should have regard to any relevant Director General's guidelines in the preparation of an Environmental Incident Report. Refer to www.resources.nsw.gov.au/environment for further details.

- (c) In addition to the requirements set out in conditions 5(a) and (b), the lease holder must immediately advise the Department of any notification made under section 148 of the *Protection of the Environment Operations Act 1997* arising in connection with significant surface disturbing activities including mining operations, mining purposes and prospecting operations, under this mining lease.

6. Extraction Plan

- (a) In this condition:
 - (i) **approved Extraction Plan** means a plan, being:
 - A. an extraction plan or subsidence management plan approved in accordance with the conditions of a relevant development consent and provided to the Secretary; or
 - B. a subsidence management plan relating to the mining operations subject to this lease:
 - I. submitted to the Secretary on or before 31 December 2014; and
 - II. approved by the Secretary.
 - (ii) **relevant development consent** means a development consent or project approval issued under the Environmental Planning & Assessment Act 1979 relating to the mining operations subject to this lease.
- (b) The lease holder must not undertake any underground mining operations that may cause subsidence except in accordance with an approved Extraction Plan.

- (c) The lease holder must ensure that the approved Extraction Plan provides for the effective management of risks associated with any subsidence resulting from mining operations carried out under this lease.
- (d) The lease holder must notify the Secretary within 48 hours of any:
 - (i) incident caused by subsidence which has a potential to expose any person to health and safety risks;
 - (ii) significant deviation from the predicted nature, magnitude, distribution, timing and duration of subsidence effects, and of the potential impacts and consequences of those deviations on built features and the health and safety of any person; or
 - (iii) significant failure or malfunction of a monitoring device or risk control measure set out in the approved Extraction Plan addressing:
 - A. built features;
 - B. public safety; or
 - C. subsidence monitoring.

7. Resource Recovery

- (a) The lease holder must optimise recovery of the minerals that are the subject of this mining lease to the extent economically feasible.
- (b) Any proposed activity from time to time in regard to methane drainage and capture should be advised to the Department's Mine Safety Operations and Environment Units for consideration. Such activities may be subject to conditions relative to each site specific case.

8. Group Security

The lease holder is required to provide and maintain a security deposit to secure funding for the fulfilment of obligations of all or any kind under the mining lease, including obligations of all or any kind under the mining lease that may arise in the future.

The amount of the security deposit to be provided as a group security has been assessed by the Minister at **\$33,380,000**.

The leases covered by the group security include: **Coal Lease 357 (Act 1973) and Mining Leases 1630, 1648, 1649, 1650 and 1651 (Act 1992)**.

9. Cooperation Agreement

The lease holder must make every reasonable attempt, and be able to demonstrate its attempts, to enter into a cooperation agreement with the holder(s) of any overlapping title(s). The cooperation agreement should address but not be limited to issues such as:

- access arrangements
- operational interaction procedures
- dispute resolution
- information exchange
- well location
- timing of drilling
- potential resource extraction conflicts; and
- rehabilitation issues.

SPECIAL CONDITIONS

Note: The standard conditions apply to all mining leases. The Division of Resources & Geoscience (DRG) reserves the right to impose special conditions, based on individual circumstances, where appropriate.

10. Prescribed Dam

- (a) Notwithstanding any Mining Operations Plan, the lease holder must not mine within any part of the lease area which is within the notification area of the **Camberwell Tailings Dam #2 and Glennies Creek Colliery Pit Water Dam (also known as Possum Skin Dam)** without the prior written approval of the Minister and subject to any conditions stipulated.
- (b) Where the lease holder desires to mine within the notification area he or she must:
- (i) at least twelve (12) months before mining is to commence or such lesser time as the Minister may permit, notify the Minister of the desire to do so. A plan of the mining system to be implemented must accompany the notice; and
 - (ii) provide such information as the Minister may direct.
- (c) The Minister must not, except in the circumstances set out in sub-paragraph (ii), grant approval unless sub-paragraph (i) of this paragraph has been complied with.
- (i) This sub-paragraph is complied with if:
- (A) the Dams Safety Committee as constituted by Section 7 of *the Dams Safety Act 1978* and the owner of the dam have been notified in writing of the desire to mine referred to in paragraph (b);
 - (B) the notifications referred to in clause (A) are accompanied by a description or plan of the area to be mined;

- (C) the Director-General has complied with any reasonable request made by the Dams Safety Committee or the owner of the dam for further information in connection with the mining proposal;
- (D) the Dams Safety Committee has made its recommendations concerning the mining proposal or has informed the Minister in writing that it does not propose to make any such recommendations; and
- (E) where the Dams Safety Committee has made recommendations the approval is in terms that are:
 - in accordance with those recommendations; or
 - where the Minister does not accept those recommendations or any of them - in accordance with a determination under sub-paragraph (ii) of this paragraph.
- (ii) Where the Minister does not accept the recommendations of the Dams Safety Committee or where the Dams Safety Committee has failed to make any recommendations and has not informed the Minister in writing that it does not propose to make any recommendations, the approval shall be in terms that are, in relation to matters dealing with the safety of the dam:
 - (A) as determined by agreement between the Minister and the Minister administering the *Dams Safety Act 1978*; or
 - (B) in the event of failure to reach such agreement - as determined by the Premier.
- (d) The Minister, on notice from the Dams Safety Committee, may at any time or times:
 - (i) cancel any approval given where a notice pursuant to Section 18 of the *Dams Safety Act 1978* is given.
 - (ii) suspend for a period of time, alter, omit from or add to any approval given or conditions imposed.

11. Petroleum (mining operations by-product only)

- (a) For the purposes of this lease, petroleum is limited to coal bed methane that is captured or extracted as a by-product in the course of conducting mining activities.
- (b) Prior to the carrying out of any drainage or capture of petroleum, or any related activity, the Department's Mine Safety Operations and Environmental Sustainability Units must be advised. The Department may impose any condition on the carrying out of such activity as may be appropriate to each site specific case".

12. Reserve

The lease holder shall as far as may be practicable conduct operations so as not to interfere in any way with the public use and enjoyment of Water and Camping Reserve No.65724.

Exploration Reporting

Note: Exploration Reports (Geological and Geophysical)

The lease holder must lodge reports to the satisfaction of the Minister in accordance with section 163C of the Mining Act 1992 and in accordance with clause 59 of the Mining Regulation 2016.

Reports must be prepared in accordance with Exploration Reporting: A guide for reporting on exploration and prospecting in New South Wales.

Approval of Application for Partial Transfer of Authority

Reference: 15/2669

On 31 January 2018, pursuant to section 121(1)(a) of the *Mining Act 1992* (Act), the Minister approved the application for partial transfer of **COAL LEASE 382 (ACT 1973)** from **HV COKING COAL PTY LIMITED** to **BLOOMFIELD COLLIERIES PTY LTD** and determines:

1. The terms of the original authority (Coal Lease 382) when the partial transfer takes effect will be as follows:

Holder: HV COKING COAL PTY LIMITED, ACN 605 492 804
Lease Area: An area of 3091 hectares, as shown on the attached Plan Catalogue No M27404 (see Attachment A)
Expiry Date: 11 November 2033
Conditions: The conditions in the attached Schedule of Mining Lease Conditions (Coal) 2013 (see Attachment B).

2. The terms of the new authority (Mining Lease 1725) when the partial transfer takes effect will be as follows:

Holder: BLOOMFIELD COLLIERIES PTY LTD, ACN 000 106 972
Lease Area: An area of 785.3 hectares, as shown on the attached Plan Catalogue No M27403 (see Attachment C)
Expiry Date: 11 November 2033
Conditions: The conditions in the attached Schedule of Mining Lease Conditions (Coal) 2013 (see Attachment D).

In accordance with Section 122(5) of the Act, the partial transfer will take effect upon the registration of this transfer. On that date:

- (a) Coal Lease 382 is taken to have been cancelled over the area part transferred, and the variation of Coal Lease 382 takes effect; and
- (b) Mining Lease 1725 over the part transferred area is taken to have been granted to Bloomfield Pty Ltd.

SIGNED BY



Kevin Rumung

Director Strategic Resource Assessment & Advice

As delegate for the Minister for Resources

Delegation dated: 1 May 2017