ASX Announcement **29 September 2023**

Amended ASX Announcements

Duketon Mining Limited (ASX: DKM) ("Duketon" or "the Company") provides updates to its previous announcements '*Aircore Drilling Completed at Tate Project*' (15 September 2023) and '*Pegmatites and REE's Identified at Barlee*' (19 September 2023).

Clarification and amendment - Aircore Drilling Completed at Tate Project

This announcement has been amended to clarify why full results were excluded from BHP's 1994 historical results in the original announcement (not significant) and for absolute clarity, the full table has been included in the revised announcement attached.

Clarification and amendment - Pegmatites and REE's Identified at Barlee Drilling Project

This announcement has been amended to include:

- cross references to dates of previous ASX releases mentioned in the original announcement; and,
- additional result intervals in the tables (where no significant assays were recorded but the table expanded for completeness) and additional information for enhanced JORC compliance.

Authorised for release by:

Dennis Wilkins
Company Secretary

ASX Announcement **29 September 2023**

Clarification – ASX Announcement 15th September 2023, Aircore Drilling Completed at Tate Project

Duketon Mining Limited **(ASX: DKM) ("Duketon" or "the Company")** would like to provide the following clarity to the ASX Announcement released on the 15th of September 2023.

There are no significant assays within the historic drilling (BHP 1994) referred to in the original release. To ensure absolute clarity, the following table is provided.

Hole ID	From (m)	To (m)	Interval (m)	Lithology	Ni (ppm)
NLR021	0	2	2	Transported sand cover	NSA
	2	6	4	Hardpan (laterite)	NSA
	6	8	2	Laterite	NSA
	8	24	16	Mafic rock – weathered (saprolite & saprock)	NSA
	24	25	1	Mafic rock - fresh	NSA

Table 1. Significant Intercept Table (Significant intercepts are >4000 ppm Ni, maximum internal dilution of 2 metres). NSA = no significant assay.

Table 3 in the original release with the title "BHP Drillhole End of Hole Assay Results" is not a significant assay table, it is an end of hole assay which was included to support the historical data that has the last metre of the hole logged as a mafic rock. All other required details of the historical exploration were provided in the JORC Table 1 of the original release.

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Competent Person Statement:

The information in this release that relates to exploration results is based on information compiled by Mr Stuart Fogarty, Member of the Australian Institute of Mining and Metallurgists (AUSIMM) and an employee of Duketon Mining Limited. Mr Fogarty has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as a competent person as defined in the JORC Code 2012. Mr Fogarty consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

ASX Announcement **29 September 2023**

Pegmatites and REE's Identified at Barlee

HIGHLIGHTS

Barlee Project (100% DKM)

- Located 200km north of Southern Cross in the Marda Diemals Greenstone Belt.
- **Pegmatites identified** at the Barlee Project
- Soil Sampling using ultrafine fraction technique (UFF) over two gold prospects have highlighted **Li anomalism (72.6ppm max Li).** These are deemed to be not material due to subsequent work.
- Field investigation in other areas of project has confirmed the presence of pegmatites, rock chip assays show **elevated indicator elements**
- **Fertile environment** for lithium bearing pegmatites, favorable element ratios considered prospective for LCT-type pegmatites
- Mount Holland Lithium Mine located 300 km to the south
- Li identified in pegmatites to the north at Youanmi and Trainers Rocks and to the south at Newington
- Anomalous **Rare Earth Elements (REEs) identified** in historic drilling in western granite
- Further field work including mapping, rock sampling and re-sampling of old drill spoils is continuing.

Duketon Mining Limited **(ASX: DKM) ("Duketon" or "the Company")** is pleased to announce early-stage exploration has identified pegmatites at the Barlee Project, 200km north of Southern Cross. The Barlee Project is an early-stage greenfield project, previous exploration on the tenement has been gold focussed.

DKM completed a soil sampling program (UFF) over two large gold prospects with results highlighting some significant low-level gold trends and several areas of lithium anomalism.

The gold anomalies in some cases have associated path finder element support including As, Cu, Bi, Pt & Pd and have not been previously drilled.

Figure 1: Outcropping pegmatites at Barlee

Some of the generated lithium anomalies (>55ppm Li) are associated with LCT pegmatite indicator elements including Be, Cs, Ga, Nb and Rb. All the lithium anomalies were field checked and are either associated with outcropping mafic lithologies or zones of shallow regolith obscuring any basement rocks.

Several anomalous lithium results (UFF) were checked using the standard minus 80 mesh sampling technique and they did not repeat at elevated levels of lithium (ranging from 1.6ppm to 16.7ppm Li). No pegmatites were identified from field checking the lithium anomalies

generated by the UFF sampling. (The minus 80 mesh sampling results are tabulated in Appendix 2).

Because of the inability to repeat the results using a minus 80 Mesh sampling technique and the lack of any pegmatites discovered during field checking the UFF Lithium and Gold results are deemed to be not material and therefore not collated in this report.

However, further field checking of additional target areas has located several pegmatite outcrops extending for hundreds of metres in essentially two different geological settings (See Figure 1 and 2). Outcropping pegmatites have been located within the granite gneiss terrain along the western edge of the project separating the deformed granitoid rocks (Youanmi Fault) and greenstones. Rock chip assays of these pegmatites show elevated indicator elements (Be, Nb) and element ratios (Mg/Li & K/Rb) indicative of high degree of fractionation. (see Appendix 3 for details of rock chips).

The Mount Holland lithium mine (Covalent Lithium) is located 300 km to the south of the Barlee Project in the same terrane. Several lithium enriched prospects are located within 120km from the Barlee Project, including Youanmi (Scorpion Minerals) and Trainers Rocks (Cullen Resources) to the north and Newington (Midas Minerals) to the south (See Figure 3).

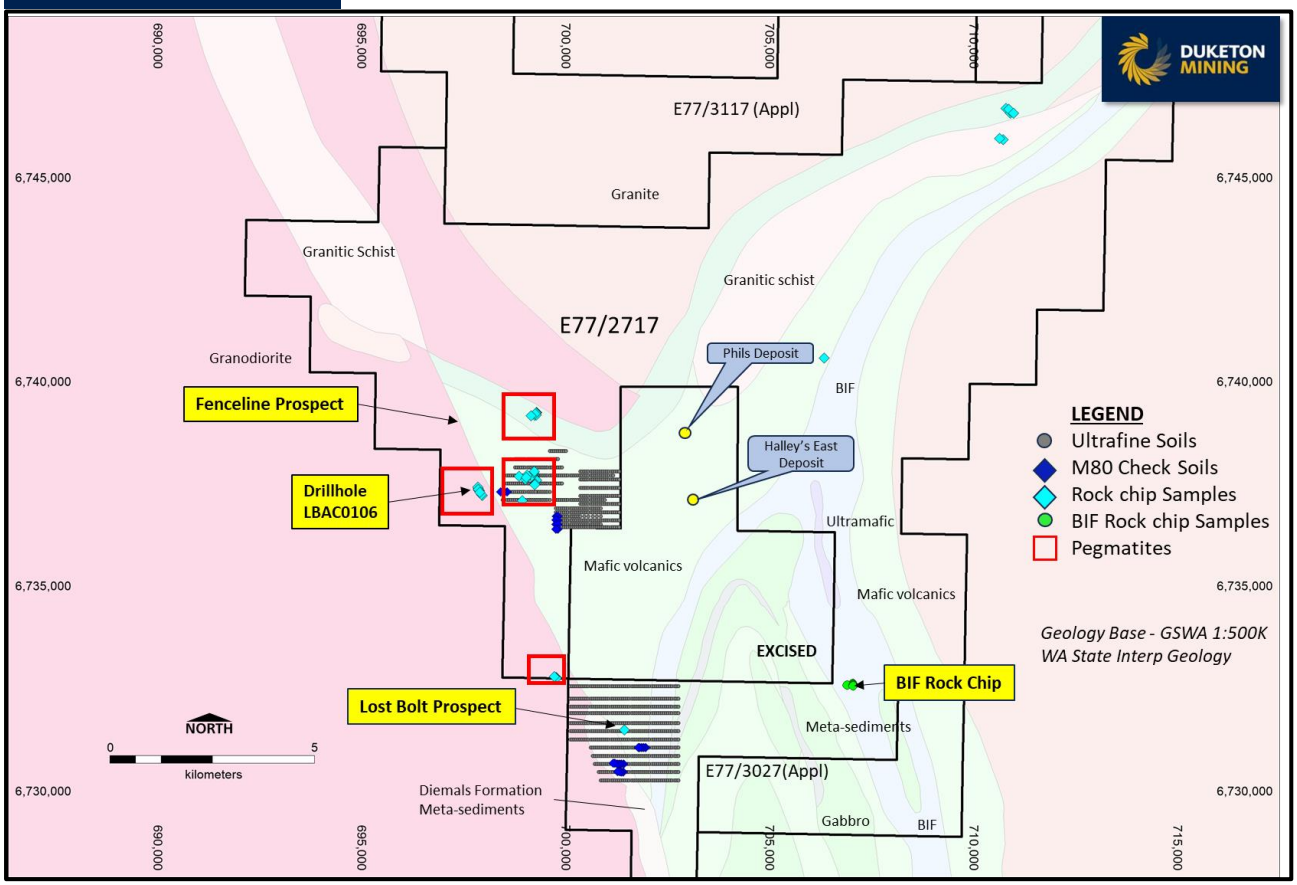

Figure 2: Barlee Tenement and Prospects

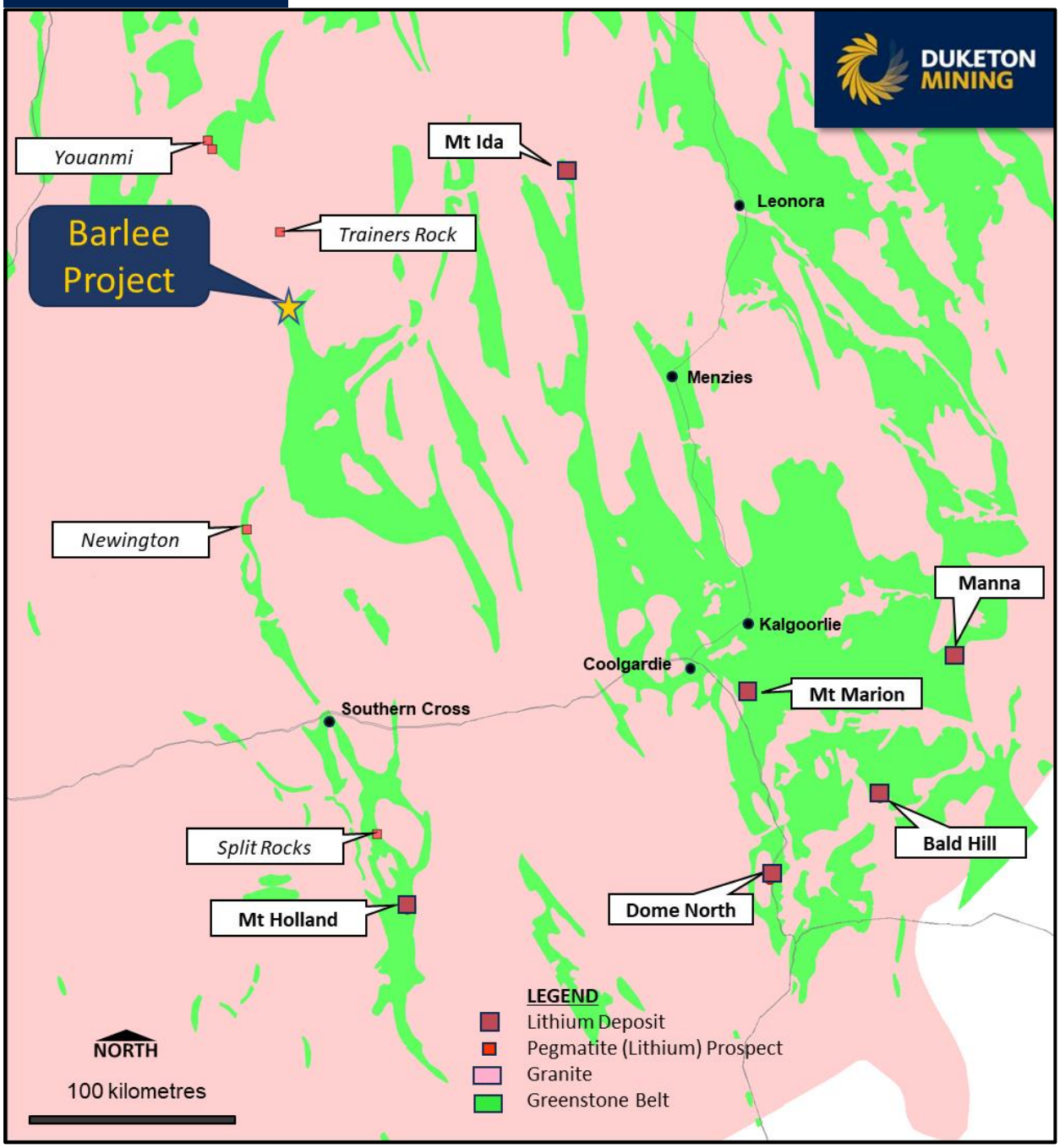

Figure 3: Barlee Project Location and Lithium Projects

Anomalous rare earth elements (REE's) have also been identified in historic aircore drilling completed by Fortescue Metal Group Ltd (FMG) in late 2018. Composite sampling was routinely collected down the hole (generally at 4m intervals) with a separate, last metre "bottom of hole" sample collected for a comprehensive multi-element suite including rare earth elements.

Drill hole LBAC0106, on the western end of a drill line, logged within granitic gneiss in the vicinity of the Youanmi Fault, has intersected anomalous REE's from the bottom of hole (11m to 12m) assaying TREO 956 ppm over this interval. The details of this drill hole are tabulated below in Table 1 & Table 2. No REE assaying was undertaken between 0 metres and 11 metres in LBAC0106. An individual REE element breakdown for this interval is tabulated in Appendix 1.

Hole ID	Easting	Northing	RL	Dip	Azimuth	Depth (m)
LBAC0106	698098	6737677	485	-90	0	12

Table 1: Collar Details of LBAC0106

Hole ID	Depth From m	Depth To m	Interval m	TREO ppm	MREO ppm	HREO ppm	LREO ppm	Lithology
LBAC0106	11	12	1	**971**	**195**	**406**	**564**	Granite (weathered)

Table 2: Assay Results of Final Metre, LBAC0106

Note:
TREO (Total Rare Earth Oxides) = $La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Y_2O_3 + Lu_2O_3$
HREO (Heavy Rare Earth Oxides) = $Dy_2O_3 + Er_2O_3 + Gd_2O_3 + Tb_4O_7 + Lu_2O_3 + Ho_2O_3 + Tm_2O_3 + Y_2O_3 + Yb_2O_3$
LREO (Light Rare Earth Oxides) = $La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3$
MREO (Magnetic Rare Earth Oxides) = $Pr_6O_{11} + Nd_2O_3 + Tb_4O_7 + Dy_2O_3$

This drill hole is located on the western-most position of a drill traverse within the western granite terrain. Drill holes along this traverse are separated by 170m with the closest drill holes north at 860m and the closest southern drill traverse at approximately 1,900m but drilling did not extend into the western granite. The immediate area surrounding this hole remains untested by either geochemistry or drilling. No previous surface geochemical programs targeting REE's have been completed in this central-western portion of the tenement.

About the Barlee Project

The Barlee Project is located in the northern portion of the Archaean Southern Cross Province, approximately 200km north of Southern Cross in Western Australia. The belt contains a number of small gold deposits including the Mt Dimer, the Marda Gold Projects and the Penny Mine (ASX:RMS). The Penny Mine is located 70km to NNW of Barlee. The Project covers a poorly exposed granite-greenstone terrain, where older mafic-ultramafic BIF dominated greenstones and a younger sediment-felsic volcanic succession are intruded by or juxtaposed to granitoids.

Several previous companies have conducted gold exploration programs within the project, with two gold deposits within excised tenements central to the Barlee project, namely the Halley's East and Phils Deposits. The Halley's East gold deposit produced approximately 19,000 ounces of gold between 2013 and 2015.

Previous exploration work within the Barlee Project has identified a number of prospects outside of the main Halley's - Phils prospect area. All have returned anomalous gold intercepts and are still open in several directions, requiring further work. Gold mineralisation at the Lost Bolt prospect occurs in strongly sheared and altered sediments, controlled by a NNW shear, parallel to the granite contact. Mineralised intersections at the Lost Bolt prospect include 4m @ 1.8g/t Au from 24m and 11m @ 0.4g/t Au from 18m including 2m @ 1.3g/t Au from 25m. RAB drilling at the Fenceline prospect returned 4m @ 1.07g/t Au from 8m and 8m @ 1.28g/t Au from 8m (see Table 3 for significant intercepts). Outside of the Halley's East area, very few drillholes have tested the fresh bedrock with the deepest drillhole on the tenement being 130m.

Hole	Easting GDA94 Z50	Northing GDA94 Z50	RL	From (m)	To (m)	Interval (m)	Au (g/t)	Prospect
BRB1486	701570	6731222	450	24	28	4	1.84	Lost Bolt
BRC271	701580	6731220	450	18	29	11	0.4	Lost Bolt
			incl	25	27	2	1.34	Lost Bolt
BRB1548	698675	6737100	500	8	12	4	1.07	Fenceline
BRB1992	698690	6737120	500	8	16	8	1.28	Fenceline

Table 3: Significant Drill Intercepts (>1g/t Au) at Lost Bolt and Fenceline Prospects from Historical Drilling.

FMG held the ground from 2015 to 2020 completing aircore drilling targeting gold mineralisation associated with lithological contacts and structures mainly along the western

margin of the project. Drilling intersected a number of low-level gold anomalies including elevated REE's in the western granite. **These gold results, whilst technically interesting are deemed to be not material due to their low level of anomalism**.

A large Banded Iron Formation (BIF) unit trends north-south through the project on the eastern side, Duketon rock chipping returned assays up to 57.42% Fe (See Appendix 4 for details of BIF rock chips).

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The information in this release that relates to exploration results is based on information compiled by Ms Kirsty Culver, Member of the Australian Institute of Geoscientists (AIG) and an employee of Duketon Mining Limited. Ms Culver has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as a competent person as defined in the JORC Code 2012. Ms Culver consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

APPENDIX 1: REE Assay Results from Historic Drill Hole LBAC0106 (11m – 12m, EOH)

Hole ID	From	To	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Tm	Y	Yb	TREO	LREO	HREO	MREO
	m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LBAC0106	11	12	329	33	24	4	25	7	103	4	88	23	21	5	4	270	30	**971**	564	406	195

Appendix 2 Data for minus 80 check soil samples Barlee Project E77/2717

Locations of Soil Samples

Sample	Easting GDA94_Z50	Northing GDA94_Z50	RL	Sample Type
DBF1201	698800	6737560	500	M80
DBF1202	698750	6737560	500	M80
DBF1203	698700	6737560	500	M80
DBF1204	698650	6737560	500	M80
DBF1205	700007	6736965	500	M80
DBF1206	700050	6736960	500	M80
DBF1207	700050	6736860	500	M80
DBF1208	700000	6736868	500	M80
DBF1209	700006	6736766	500	M80
DBF1210	700050	6736760	500	M80
DBF1211	700050	6736650	500	M80
DBF1212	700000	6736650	500	M80
DBF1213	702200	6731300	500	M80
DBF1214	702150	6731300	500	M80
DBF1215	702100	6731300	500	M80
DBF1216	702050	6731300	500	M80
DBF1217	702020	6731300	500	M80
DBF1218	701650	6730700	500	M80
DBF1219	701600	6730700	500	M80
DBF1220	701562	6730713	500	M80
DBF1221	701507	6730714	500	M80
DBF1222	701658	6730899	500	M80
DBF1223	701600	6730900	500	M80
DBF1224	701550	6730900	500	M80
DBF1226	701500	6730900	500	M80
DBF1227	701445	6730916	500	M80
DBF1228	701400	6730915	500	M80

Assays of Soil Samples

Element	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Hf	Hg	In
Units	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DL	1	0.05	20	1	10	10	0.05	0.01	0.01	0.01	0.005	0.1	1	0.01	0.5	0.01	0.05	0.01	0.1	0.01
DBF1201	7	0.06	15279	8	-10	8	0.5	0.27	0.06	-0.01	28.997	11	274	0.82	29.9	4.33	7.45	0.24	-0.1	0.04
DBF1202	4	-0.05	15644	8	-10	8	0.52	0.3	0.06	0.02	33.03	6	252	0.87	26.9	3.91	7.54	0.24	-0.1	0.04
DBF1203	-1	-0.05	14779	7	-10	12	0.64	0.29	0.15	0.03	26.924	9.2	234	0.87	19.6	3.3	6.68	0.11	-0.1	0.03
DBF1204	3	-0.05	14630	9	-10	38	0.79	0.28	0.17	0.11	30.87	14.6	232	0.9	31.1	3.4	6.48	0.11	-0.1	0.04
DBF1205	4	-0.05	18978	3	-10	27	0.76	0.26	0.2	0.03	17.378	30.1	1111	1.16	29.5	4.93	6.33	0.2	-0.1	0.03
DBF1206	2	-0.05	20004	2	-10	31	1.2	0.27	0.17	0.03	15.176	27.1	1042	1.81	29.3	4.55	6.2	0.19	-0.1	0.03
DBF1207	-1	-0.05	14821	2	-10	19	0.27	0.19	0.16	0.03	12.709	15.3	605	0.8	25.8	2.84	4.65	0.12	-0.1	0.02
DBF1208	3	-0.05	16556	2	-10	20	0.65	0.26	0.14	0.03	13.349	24.4	900	0.67	23.7	3.61	4.82	0.12	-0.1	0.02
DBF1209	5	-0.05	18492	2	-10	17	0.48	0.25	0.18	0.03	9.706	23.5	960	0.84	30.9	3.93	5.39	0.11	-0.1	0.02
DBF1210	2	-0.05	18255	1	-10	18	0.32	0.41	0.16	0.03	10.523	24.9	982	1.12	25.7	3.81	5.14	0.13	-0.1	0.02
DBF1211	3	-0.05	16162	2	-10	23	0.91	0.3	0.11	0.05	10.704	16.5	745	1.36	24.1	3.38	4.97	0.14	-0.1	0.02
DBF1212	4	0.06	24695	3	-10	50	1.25	0.6	0.28	0.04	18.308	18.7	577	3.59	37.1	3.26	7.29	0.2	-0.1	0.03
DBF1213	13	-0.05	20644	34	17	57	1.11	0.39	2.96	0.07	18.303	10.4	279	1	35.3	5.57	8.68	0.07	-0.1	0.04
DBF1214	32	0.07	17094	14	-10	82	1.29	0.37	5.11	0.05	12.877	9.8	257	0.79	37.6	3.54	7.13	0.07	-0.1	0.03
DBF1215	27	0.06	22084	38	12	50	1.07	0.59	2.42	0.05	12.294	9	691	0.92	33	4.7	9.76	0.09	-0.1	0.04
DBF1216	16	-0.05	21286	57	18	37	0.74	0.44	4.86	0.06	11.18	5.7	470	0.83	40.6	3.72	6.37	0.11	-0.1	0.03
DBF1217	7	-0.05	12559	75	-10	28	0.71	0.18	0.38	0.02	11.009	4.6	218	0.61	35.2	3.62	4.47	0.08	-0.1	0.02
DBF1218	11	-0.05	9474	27	-10	15	0.36	0.22	0.02	0.01	11.287	2.6	249	0.59	27.3	6.62	7.27	0.1	-0.1	0.03
DBF1219	29	-0.05	12711	20	-10	5	0.39	0.25	0.14	0.02	23.953	4	210	0.74	22.9	4.51	8.19	0.18	-0.1	0.04
DBF1220	17	-0.05	10821	21	-10	5	0.35	0.25	0.03	0.02	23.108	5.2	219	0.64	17.1	4.21	7.59	0.15	-0.1	0.04
DBF1221	13	-0.05	10970	35	-10	5	0.38	0.35	0.02	0.01	22.321	8.1	212	0.63	18.7	4.68	7.74	0.14	-0.1	0.04
DBF1222	26	-0.05	8233	164	-10	53	0.52	0.25	0.07	0.03	27.532	8.2	159	0.55	51.5	3.69	5.09	0.05	-0.1	0.03
DBF1223	42	-0.05	11278	15	-10	4	0.23	0.23	0.01	-0.01	17.478	4.3	159	0.63	18.1	3.62	7.78	0.11	-0.1	0.04
DBF1224	9	0.06	11878	25	-10	36	0.25	0.25	0.02	-0.01	14.699	1.9	254	0.63	16.3	4.37	8.85	0.14	-0.1	0.04
DBF1226	9	-0.05	11689	18	-10	3	0.19	0.2	0.02	-0.01	23.606	2.2	156	0.61	14.3	3.86	8.36	0.16	-0.1	0.04
DBF1227	7	-0.05	9324	57	-10	7	0.11	0.22	0.02	-0.01	8.307	1.2	171	0.44	12.3	4.09	6.73	0.13	-0.1	0.04
DBF1228	6	0.11	12874	17	-10	41	0.65	0.22	0.1	0.04	26.028	9.5	170	0.69	21.7	4.04	6.53	0.07	-0.1	0.04

Element	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr
Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
DL	20	0.005	0.1	0.01	1	0.1	0.01	0.02	0.5	20	0.5	10	5	0.02	0.001	0.05	0.02	0.1	1	0.05	0.02
DBF1201	552	13.512	6.2	0.04	212	1.5	-0.01	0.42	27.5	117	15.8	-10	-5	13.38	-0.001	-0.05	0.58	13	-1	1.58	3.09
DBF1202	576	15.174	5.7	0.04	206	1.5	-0.01	0.41	29.7	151	16.5	-10	-5	14.06	-0.001	-0.05	0.54	11.2	-1	1.47	3.9
DBF1203	791	12.542	7.8	0.07	338	1.6	-0.01	0.4	38	190	13.8	-10	-5	14.33	-0.001	-0.05	0.46	8.7	-1	3.07	15.81
DBF1204	1564	15.525	8.9	0.17	726	1.2	-0.01	0.22	72.3	194	14.2	-10	5	18.41	-0.001	-0.05	0.4	9.9	-1	2.54	21.04
DBF1205	313	9.497	14	0.95	508	0.6	-0.01	0.23	247.9	95	7.5	-10	-5	10.53	-0.001	-0.05	0.26	12.6	-1	1.47	6.48
DBF1206	417	9.41	15.8	1.01	442	0.5	-0.01	0.21	255.3	98	6.6	-10	5	17.99	-0.001	-0.05	0.27	11.1	-1	1.54	5.91
DBF1207	549	6.999	10.1	0.8	254	0.4	-0.01	0.26	138.2	91	4.9	-10	-5	11.45	-0.001	-0.05	0.28	5.6	-1	0.61	7.17
DBF1208	272	7.812	11.1	1.04	322	0.4	-0.01	0.13	196.5	62	5	-10	-5	6.45	-0.001	-0.05	0.17	8.7	-1	1.04	4.96
DBF1209	289	7.066	13.6	1.36	266	0.4	-0.01	0.12	243.9	93	4.8	-10	5	7.22	-0.001	-0.05	0.2	8.6	-1	0.69	7.03
DBF1210	272	6.319	13.6	1.25	325	0.4	-0.01	0.15	233.1	68	4.8	-10	-5	7.88	-0.001	-0.05	0.18	9.1	-1	0.69	5.04
DBF1211	293	7.529	10	0.87	250	0.4	-0.01	0.11	176.3	78	5.3	-10	-5	12.41	-0.001	-0.05	0.17	7.1	-1	1.23	6.2
DBF1212	626	10.173	15.4	1.62	317	0.4	-0.01	0.2	192.4	97	7.4	-10	7	24.49	-0.001	-0.05	0.23	6.5	-1	1.29	22.02
DBF1213	2980	8.592	11.4	0.42	332	0.5	0.02	0.17	71.7	172	7.4	-10	-5	15.47	-0.001	-0.05	0.44	9.6	-1	1.17	72.7
DBF1214	2223	6.177	10	0.37	410	0.4	-0.01	0.1	72.5	117	5.9	11	7	12.88	-0.001	-0.05	0.35	8	-1	1.11	92.25
DBF1215	3195	5.746	16.7	0.46	199	0.4	0.04	0.09	63.6	132	5.9	14	7	14.27	-0.001	-0.05	0.55	10.5	-1	1.8	63.48
DBF1216	3146	5.652	16.5	0.5	167	0.4	0.08	0.19	41.8	160	5.5	15	-5	14.18	-0.001	-0.05	0.46	9.4	-1	1.58	123.48
DBF1217	1459	6.011	12.2	0.25	135	0.4	0.03	0.09	30.5	104	5.6	-10	-5	9.32	-0.001	-0.05	0.44	8.8	-1	0.71	34.06
DBF1218	230	5.061	1.6	0.02	51	1	-0.01	0.17	8.1	154	6.7	-10	-5	5.39	-0.001	-0.05	0.21	16.3	-1	0.81	2.37
DBF1219	401	9.384	6.7	0.03	125	1.2	-0.01	0.19	12.4	136	8.5	-10	-5	7.58	-0.001	-0.05	0.23	17	-1	1.05	7.02
DBF1220	334	10.246	5.7	0.02	317	1.1	-0.01	0.17	11.4	128	10.3	-10	5	6.98	-0.001	-0.05	0.22	13.1	-1	0.92	2.34
DBF1221	375	10.421	5.1	0.02	348	1.3	-0.01	0.16	9.5	121	11.9	-10	-5	7.23	-0.001	-0.05	0.25	12	-1	0.95	1.77
DBF1222	470	13.072	6.1	0.03	635	0.9	-0.01	0.12	18.1	92	9.7	15	9	8.48	-0.001	-0.05	0.64	17.1	-1	0.74	5.17
DBF1223	253	7.692	4.3	0.01	167	1.1	-0.01	0.17	10.3	122	8.9	-10	-5	6.19	-0.001	-0.05	0.23	14.4	-1	0.96	1.54
DBF1224	254	6.365	3.6	0.01	49	1.2	-0.01	0.16	8	140	9.3	-10	-5	6.05	-0.001	-0.05	0.3	13.4	-1	0.91	1.55
DBF1226	247	10.926	3.5	0.01	89	1.1	-0.01	0.18	7.5	145	8.6	-10	-5	5.71	-0.001	-0.05	0.19	12.3	-1	0.77	1.14
DBF1227	240	3.802	1.7	0.01	32	1.1	-0.01	0.11	5.4	119	8.5	-10	-5	4.25	-0.001	-0.05	0.21	8.8	-1	0.7	0.96
DBF1228	723	11.887	13.5	0.05	755	1.1	-0.01	0.13	22.4	135	12	-10	-5	11.72	-0.001	-0.05	0.27	14.1	-1	0.93	6.73

Element	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.1	0.01	5	0.01	0.01	2	0.05	0.02	1	0.1
DBF1201	-0.1	11.19	309	0.12	1.64	100	0.13	11.04	33	8.8
DBF1202	-0.1	10.95	223	0.12	1.58	88	0.15	11.54	24	8.8
DBF1203	-0.1	9.51	183	0.12	1.35	73	0.12	8.12	28	4.7
DBF1204	-0.1	9.88	113	0.15	1.81	74	0.17	12.38	38	4.6
DBF1205	-0.1	5.83	314	0.13	0.58	92	0.27	8.36	25	7
DBF1206	-0.1	5.56	277	0.16	0.46	80	0.32	7.99	26	6.2
DBF1207	-0.1	4.33	203	0.07	0.23	48	0.15	4.29	19	4.7
DBF1208	-0.1	4.28	203	0.08	0.46	62	0.9	6.34	20	4.4
DBF1209	-0.1	3.95	191	0.07	0.62	66	0.25	6.32	22	3.7
DBF1210	-0.1	3.79	246	0.09	0.48	61	0.12	5.11	22	4.1
DBF1211	-0.1	4.73	148	0.12	0.44	57	0.69	5.3	23	4.7
DBF1212	-0.1	6.05	211	0.31	0.19	53	0.8	5.85	34	6.8
DBF1213	-0.1	5.1	103	0.15	0.51	108	0.3	5.27	34	3.2
DBF1214	-0.1	4.09	103	0.2	0.28	62	0.37	3.64	33	3
DBF1215	-0.1	4.69	80	0.12	0.32	93	0.34	4.21	34	4.4
DBF1216	-0.1	4.01	93	0.11	0.31	69	0.31	3.96	31	3.5
DBF1217	-0.1	3.94	39	0.08	0.33	73	0.3	4.65	15	3.2
DBF1218	-0.1	6.11	194	0.05	0.83	164	0.11	2.4	8	5.4
DBF1219	-0.1	8.83	203	0.09	1.66	121	0.09	5.68	11	8.5
DBF1220	-0.1	8.78	180	0.07	1.59	112	0.08	6.18	10	6.8
DBF1221	-0.1	8.65	170	0.09	1.63	133	0.09	6.69	11	7.9
DBF1222	-0.1	7.21	118	0.08	1.58	80	0.24	8.96	13	3.3
DBF1223	-0.1	7.86	168	0.06	0.99	87	0.1	4.62	10	5.8
DBF1224	-0.1	8.66	195	0.06	1.18	126	0.08	3.21	8	6.9
DBF1226	-0.1	7.74	151	0.05	1.4	100	0.07	7.03	9	7.8
DBF1227	-0.1	5.95	113	0.03	1.08	129	0.06	1.77	7	6.3
DBF1228	-0.1	7.68	113	0.13	1.53	118	0.07	7.39	21	3.8

Appendix 3 Data for Rock Chip Samples Barlee Project E77/2717

Locations of Rock Chips

Sample Number	Easting GDA94_Z50	Northing GDA94_Z50	RL	Sample Type	Description
ADBR010	699465	6737984	472	RKCP	Pegmatite
ADBR011	699461	6737958	474	RKCP	Pegmatite
ADBR012	699458	6737933	474	RKCP	Pegmatite
ADBR013	699459	6737918	474	RKCP	Pegmatite
ADBR014	699474	6737892	476	RKCP	Pegmatite
ADBR015	699486	6737880	476	RKCP	Pegmatite
ADBR016	699511	6737860	475	RKCP	Pegmatite
ADBR016A	699497	6737864	474	RKCP	Pegmatite
ADBR017	699530	6737847	474	RKCP	Pegmatite
ADBR018	699404	6737940	480	RKCP	Pegmatite
ADBR019	699494	6737758	478	RKCP	Pegmatite
ADBR020	699480	6737731	480	RKCP	Pegmatite
ADBR021	699464	6738033	478	RKCP	Pegmatite
ADBR022	699467	6738062	478	RKCP	Pegmatite
ADBR028	699514	6739481	482	RKCP	Pegmatite
ADBR029	699478	6739428	482	RKCP	Banded Iron Formation (BIF)
ADBR030	699532	6739504	480	RKCP	Pegmatite / granite
ADBR031	699519	6739501	480	RKCP	Pegmatite
ADBR032	699501	6739457	482	RKCP	Pegmatite - weathered
ADBR033	699513	6739456	482	RKCP	Pegmatite
ADBR034	699516	6739440	482	RKCP	Pegmatite

Sample Number	Easting GDA94_Z50	Northing GDA94_Z50	RL	Sample Type	Description
ADBR035	699514	6739489	482	RKCP	Pegmatite
ADBR036	699496	6739473	482	RKCP	Pegmatite
ADBR037	699397	6739425	480	RKCP	Pegmatite within quartz blow
ADBR038	711024	6746948	429	RKCP	ultramafic schist
ADBR039	711211	6746829	424	RKCP	banded felsic within quartz blow (striking 045 degrees)
ADBR040	711132	6746830	424	RKCP	granite
ADBR041	711141	6746874	426	RKCP	siliceous granite
ADBR042	732693	6755888	425	RKCP	weathered granite - margin of quartz blow
ADBR043	711089	6746929	427	RKCP	Banded Iron Formation (BIF)
ADBR044	711215	6746825	424	RKCP	quartz (quartz blow)
ADBR045	710957	6746177	430	RKCP	green siliceous dyke 0.5m wide
ADBR046	710866	6746204	432	RKCP	siliceous granite adjacent quartz blow
ADBR047	700008	6733017	499	RKCP	Pegmatite
ADBR048	700007	6733002	500	RKCP	Pegmatite
ADBR049	699959	6733039	507	RKCP	weathered pegmatite
ADBR050	701675	6731733	488	RKCP	quartz - very coarse
ADBR051	706570	6740832	452	RKCP	sheared felsic vein + quartz (striking N-S, -70 degrees East, 0.3m wide
ADBR052	699294	6737966	481	RKCP	Pegmatite
ADBR053	699094	6737939	489	RKCP	altered vein in basalt (striking 140/320 @ -70 degrees N)
ADBR054	699176	6737346	478	RKCP	quartz vein + mica
ADBR055	699251	6737861	487	RKCP	pegmatite float
ADBR056	699272	6737912	486	RKCP	pegmatite quartz rich
ADBR057	698130	6737584	494	RKCP	pegmatite
ADBR058	698100	6737649	494	RKCP	granite / granite gneiss
ADBR059	698106	6737601	495	RKCP	pegmatite

Sample Number	Easting GDA94_Z50	Northing GDA94_Z50	RL	Sample Type	Description
ADBR060	698090	6737674	494	RKCP	float - micaeous granite
ADBR061	698094	6737617	495	RKCP	pegmatite
ADBR062	698201	6737467	493	RKCP	pegmatite weathered
ADBR063	698175	6737489	493	RKCP	pegmatite
ADBR064	698142	6737548	494	RKCP	pegmatite / granite

Assays of Rock Chips

Element	Au	Al	B	Ba	Be	Ca	Cs	Fe	K	Li	Mg	Mn	Nb	P	Rb	S	Sn	Sr	Ta	W
Units	ppm	%	ppm	ppm	ppm	%	ppm	%	%	ppm	%	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm
DL	0.005	0.01	50	1	1	0.1	0.1	0.01	0.05	5	0.01	0.2	10	0.01	0.5	0.05	2	20	0.1	1
ADBR010	X	7.85	X	59	8	0.9	0.7	0.48	0.35	X	0.04	X	24	X	45.8	X	X	77	14.4	1
ADBR011	X	7.78	X	96	5	0.5	1.8	0.62	1.5	X	0.02	X	10	X	220.9	X	4	40	4.1	1
ADBR012	X	7.96	X	31	6	0.7	0.5	0.42	0.31	X	0.02	X	12	X	45.8	X	2	49	6.2	1
ADBR013	0.011	7.72	X	27	5	0.7	0.4	0.65	0.27	X	0.02	X	14	X	36.6	X	4	33	6	1
ADBR014	X	8.05	X	42	4	1.6	0.3	0.53	0.18	X	0.02	X	28	X	17.2	X	4	26	12.5	1
ADBR015	X	7.71	X	38	7	0.6	0.5	0.53	0.3	X	X	X	12	X	50.5	X	4	35	5.7	1
ADBR016	X	7.74	X	29	14	1	0.6	0.39	0.3	X	0.01	X	15	X	55.5	X	3	42	9.5	1
ADBR016A	X	7.99	X	40	29	2.1	1.2	0.43	0.42	6	0.01	X	15	X	77.6	X	2	73	8.1	1
ADBR017	0.007	8.12	X	37	22	3	0.9	0.45	0.34	6	0.03	X	28	X	102.9	X	3	33	15.5	1
ADBR018	X	8.13	X	37	15	0.9	0.5	0.49	0.55	X	0.01	X	33	X	58.4	X	X	47	22.8	2
ADBR019	X	8.77	X	49	13	0.8	0.9	0.43	0.54	X	0.03	X	42	X	110.2	X	3	52	40.3	1
ADBR020	X	8.11	X	81	13	1	2.1	0.57	1.46	X	0.03	X	28	X	258.6	X	3	37	15.6	1
ADBR021	X	7.76	X	43	6	0.7	0.7	0.52	0.46	X	0.03	X	12	X	77.7	X	2	42	11.4	1
ADBR022	X	7.96	X	51	7	0.6	0.2	0.46	0.09	X	X	X	16	X	10.4	X	X	54	13.3	1

Element	Au	Al	B	Ba	Be	Ca	Cs	Fe	K	Li	Mg	Mn	Nb	P	Rb	S	Sn	Sr	Ta	W
Units	ppm	%	ppm	ppm	ppm	%	ppm	%	%	ppm	%	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm
DL	0.005	0.01	50	1	1	0.1	0.1	0.01	0.05	5	0.01	0.2	10	0.01	0.5	0.05	2	20	0.1	1
ADBR028	X	7.24	X	389	1	X	3.7	0.59	4.61	7	0.08	X	41	X	459.1	X	3	51	8.3	X
ADBR029	X	0.31	X	81	X	X	0.2	9.03	X	X	X	X	X	0.01	1.5	X	X	X	X	X
ADBR030	X	6.95	51	1029	X	0.2	1.8	0.63	1.27	7	0.12	X	41	X	102.3	X	3	90	5.9	X
ADBR031	X	7.17	X	473	X	X	3.1	0.79	4.84	8	0.05	X	37	X	364.4	X	3	51	6.4	X
ADBR032	X	6.63	X	74	X	X	0.5	0.5	0.25	X	0.02	X	48	0.02	23	X	3	30	7.7	X
ADBR033	X	6.02	X	1799	X	X	1.6	0.97	2.15	15	0.05	X	26	X	151.3	X	X	37	4.7	X
ADBR034	X	8.45	X	356	X	X	0.7	0.55	0.39	X	0.04	X	26	X	38	X	2	28	5	X
ADBR035	X	7.73	X	1465	X	0.1	5.5	0.87	4.78	13	0.07	X	33	X	430.8	X	7	87	9.6	X
ADBR036	X	7.55	X	621	X	X	15.3	0.67	3.92	7	0.06	X	47	0.01	341.1	X	4	54	8.8	X
ADBR037	X	7.68	X	407	2	X	4.5	0.67	3.7	8	0.06	X	37	X	409.6	X	7	35	7.3	X
ADBR038	X	2.79	X	107	X	7.3	0.2	7.02	0.08	8	11.69	X	X	X	5.4	X	X	26	0.1	X
ADBR039	X	8.62	X	521	3	1.1	3.9	1.39	1.81	15	0.61	X	X	0.04	163.7	X	X	516	0.2	X
ADBR040	X	7.96	X	277	2	0.7	3.3	0.62	0.2	X	0.23	X	X	X	19.7	X	X	240	0.7	X
ADBR041	X	11.95	X	136	3	3.3	0.9	0.55	0.38	9	0.15	X	X	X	26	X	X	599	X	X
ADBR042	2	3.5	X	264	X	9	0.2	1.74	0.07	7	0.37	X	X	X	4.2	X	X	203	0.7	X
ADBR043	X	0.33	X	100	X	2.1	0.2	28.94	X	X	1.94	0.2	X	0.01	2.9	X	X	23	X	X
ADBR044	X	0.17	X	10	X	0.2	0.1	0.99	X	X	0.02	X	X	X	0.7	X	X	X	X	X
ADBR045	X	5.24	X	238	2	0.1	4	0.87	2.67	33	0.51	X	X	X	268.2	X	X	29	X	X
ADBR046	X	10.84	X	1432	13	1.2	4.6	0.55	8.99	14	0.31	X	X	X	513.2	X	X	1380	0.5	2
ADBR047	X	9.98	X	1209	3	X	9.9	1.26	3.51	64	0.1	X	26	X	806.8	X	110	61	7	2
ADBR048	X	8.23	X	847	2	0.1	8.2	0.75	5.27	8	0.06	X	X	X	853.7	X	7	76	1.4	X
ADBR049	9	5.6	52	1132	1	8.2	2.8	0.86	2.35	12	0.97	X	18	X	292.6	0.09	5	266	3.7	X
ADBR050	1	0.71	X	19	X	0.1	0.2	0.84	0.08	20	0.06	X	X	X	7.7	X	X	X	X	X

Element	Au	Al	B	Ba	Be	Ca	Cs	Fe	K	Li	Mg	Mn	Nb	P	Rb	S	Sn	Sr	Ta	W
Units	ppm	%	ppm	ppm	ppm	%	ppm	%	%	ppm	%	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm
DL	0.005	0.01	50	1	1	0.1	0.1	0.01	0.05	5	0.01	0.2	10	0.01	0.5	0.05	2	20	0.1	1
ADBR051	X	7.4	X	553	1	0.7	1.8	1.45	1.15	X	0.29	X	X	X	46.2	X	X	145	0.5	X
ADBR052	X	8.28	X	89	18	0.9	0.6	0.34	0.42	X	0.01	X	14	X	57.5	X	X	71	13.5	X
ADBR053	1	8.18	X	11	1	11.9	0.2	5.77	X	X	1.18	X	X	X	3	X	4	673	X	X
ADBR054	X	7.91	X	135	8	1.1	1.5	0.55	0.66	X	0.06	X	21	X	168.1	X	6	44	24.8	X
ADBR055	7	7.62	X	84	8	4.1	0.5	0.63	0.57	X	0.06	X	19	X	63.9	X	7	42	31.4	X
ADBR056	X	6.45	X	40	5	1	0.2	0.53	0.12	X	0.05	X	31	X	10.1	X	X	25	36.6	X
ADBR057	X	7.72	X	612	6	0.2	6.6	0.72	7.25	X	0.01	X	43	X	698.1	X	3	154	16.1	X
ADBR058	X	8.04	X	450	8	0.5	4.4	0.8	4.92	X	0.02	X	17	X	379.6	X	X	92	3.7	X
ADBR059	X	6.77	X	404	4	0.3	3.8	0.93	4.69	X	0.02	X	50	X	457.8	X	5	108	10.9	X
ADBR060	X	8.01	X	675	5	0.1	5.3	0.69	5.14	42	0.08	X	26	X	551.2	X	14	165	12	3
ADBR061	X	7.82	X	611	100	0.2	6.2	0.6	6.26	12	0.03	X	29	X	603	X	6	166	10.2	1
ADBR062	X	5.77	X	422	1	0.2	1.6	0.57	2.17	6	0.2	X	87	X	247.6	X	10	48	22	X
ADBR063	X	7.92	X	569	5	0.1	7.6	0.6	7.17	X	0.02	X	25	0.01	791.3	X	3	140	11.4	X
ADBR064	X	6.93	X	291	4	0.3	5	0.76	4.45	X	X	X	51	X	495.2	X	X	39	8.2	X

Appendix 4 Iron (BIF) Rock Chip Samples data Barlee Project – E77/2717

Location of Rock Chips (BIF)

Sample ID	Easting GDA94_Z50	Northing GDA94_Z50	Surface RL	Sample Type	Description	Comments / Log
DBR003	707271	6732873	500	RKCP	BIF	BIF ridge
DBR004	707277	6732847	500	RKCP	BIF	BIF ridge
DBR005	707128	6732831	500	RKCP	BIF	Rubbly, Fe rich, possibly BIF
DBR006	707275	6732836	500	RKCP	BIF	BIF exposed in creek
DBR007	707280	6732816	500	RKCP	BIF	BIF ridge adjacent creek

Assay of Rock Chips (BIF)

Element	Fe	SiO2	Al2O3	TiO2	MnO	CaO	P	S	MgO	K2O	Zn	Pb	Cu	Ba
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%
DL	0.01	0.01	0.01	0.001	0.001	0.01	0.001	0.001	0.01	0.001	0.001	0.001	0.001	0.001
DBR003	38.05	41.07	0.22	0.005	0.029	0.03	0.024	0.007	<0.01	0.002	0.005	<0.001	0.003	<0.001
DBR004	39.85	40.1	0.28	0.004	0.012	0.01	0.068	0.008	<0.01	0.004	0.005	0.001	0.002	<0.001
DBR005	**57.42**	5.97	3.34	0.095	0.035	0.07	0.083	0.06	0.02	0.009	0.011	<0.001	0.009	0.005
DBR006	37.36	43.97	0.24	0.011	0.012	0.01	0.035	0.008	0.01	0.005	0.004	<0.001	0.002	<0.001
DBR007	37.69	42.33	0.5	0.019	0.014	0.03	0.05	0.02	0.05	0.014	0.004	<0.001	0.003	<0.001

Element	V	Cr	As	Ni	Co	Sn	Sr	Zr	Na2O	Cl	LOI
Unit	%	%	%	%	%	%	%	%	%	%	%
DL	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.01	0.001	0.01
DBR003	<0.001	0.003	<0.001	0.007	0.002	<0.001	0.016	0.002	<0.01	0.012	4.1
DBR004	0.001	0.004	<0.001	0.007	0.002	0.001	0.011	0.001	<0.01	0.005	2.38
DBR005	0.003	0.01	<0.001	0.004	0.003	0.001	0.002	0.005	0.01	0.022	7.81
DBR006	<0.001	0.003	<0.001	0.005	0.002	<0.001	0.013	0.002	<0.01	0.005	2.23
DBR007	<0.001	0.003	<0.001	0.004	0.003	<0.001	0.015	0.003	0.02	0.017	3.02

JORC Table 1

JORC Code, 2012 Edition – Table 1 report – Barlee Project

Section 1 Sampling Techniques and Data –

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	HISTORIC DATA • Various drilling methods have been employed by previous workers in the historic data presented, including RAB, aircore and RC drilling. • Drillholes have been sampled at various intervals which include multi and single metre composites. • The exact sampling methods cannot be determined, with confidence, from the historic data. DKM DATA • UF Soils- 250 grams of soil sample were collected using a -2mm sieve from approximately 100mm depth. Samples were sent to Labwest Minerals Analysis Pty Ltd (Labwest) in Perth. The <2 micron fraction is separated from the sample using settling with water and a dispersant. It is then analysed for 50 elements using an Aqua Regia microwave digest with ICP-MS & ICP-OES finish. • Rock samples were analysed at Intertek Maddington by sodium peroxide fusion with ICP-MS finish. • Rock samples collected for Fe were analysed by Bureau Veritas in Perth using X-Ray Fluorescence Spectrometry. • Minus 80 Mesh soil samples were sieved in the field and analysed at Intertek Maddington by several techniques including Aqua Regia digest with an ICP-MS finish, Hydrochloric acid digest and sodium

Criteria	JORC Code explanation	Commentary
		peroxide fusion with ICP-MS or an ICP-OS finish.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	HISTORIC DATA • Various drilling methods have been employed by previous workers in the historic data presented, including RAB, aircore, RC and diamond drilling.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Due to the historic nature of the data, recovery cannot be determined with confidence. • The relationship between sample recovery and grade has not been determined.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	HISTORIC DATA • Not all geological data for all drillholes is available. Where data is available, it has been compiled. The data will be unsuitable for use in a Mineral Resource or more advanced study and is to be used as an exploration aid only.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field*	HISTORIC DATA • The nature of the sub-sampling of the RAB, aircore and RC chips has not always been determined due to the historic nature of the data. • The sample preparation and sample size information is not always available due to the historic nature of the data.

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	duplicate/second-half sampling. • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	HISTORIC DATA • QAQC protocols are not always provided in the historic data and it is unlikely to be to the same level as current industry standards. DKM DATA • Quality control procedures included the insertion of standards, blanks and duplicate samples along with laboratory standards and repeats. • Some pXRF analysis has been undertaken on the field drill sample chips, however as the pXRF is not a definitive tool for REE analysis, only laboratory assayed results are reported. • Rare earth element analyses were originally reported in elemental form but have been converted to relevant oxide concentrations as is the industry standard. • TREO = La2O3 + CeO2 + Pr6O11+Nd2O3 +Sm2O3 + Eu2O3 + Gd2O3 + Tb4O7 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3 + Lu2O3 + Y2O3 Element to Oxide Conversion Factor are: Element | Conversion Factor (multiplier) | Oxide La | 1.1728 | La2O3

Criteria	JORC Code explanation	Commentary
		<table><tr><td>Ce</td><td>1.2284</td><td>CeO2</td></tr><tr><td>Pr</td><td>1.2082</td><td>Pr6O11</td></tr><tr><td>Nd</td><td>1.1664</td><td>Nd2O3</td></tr><tr><td>Sm</td><td>1.1596</td><td>Sm2O3</td></tr><tr><td>Eu</td><td>1.1579</td><td>Eu2O3</td></tr><tr><td>Gd</td><td>1.1526</td><td>Gd2O3</td></tr><tr><td>Tb</td><td>1.1762</td><td>Tb4O7</td></tr><tr><td>Dy</td><td>1.1477</td><td>Dy2O3</td></tr><tr><td>Ho</td><td>1.1455</td><td>Ho2O3</td></tr><tr><td>Er</td><td>1.1435</td><td>Er2O3</td></tr><tr><td>Tm</td><td>1.1421</td><td>Tm2O3</td></tr><tr><td>Yb</td><td>1.1387</td><td>Yb2O3</td></tr><tr><td>Lu</td><td>1.1371</td><td>Lu2O3</td></tr><tr><td>Y</td><td>1.2699</td><td>Y2O3</td></tr></table>
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	HISTORIC DATA • The historic data cannot be verified and it has been collected from publicly available sources. • WAMEX reports A89362, A96154 & A93450 were used to compile significant drill intercepts table for Lost Bolt and Fenceline prospects. • WAMEX reports A120153 & A124289 were used when compiling exploration data completed by FMG.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	HISTORIC DATA • The survey method for collar co-ordinates is not always presented in historic data. Visual checks have been applied where possible using aerial photography and/or Google Earth imagery to locate holes correctly if errors are discovered. DKM DATA

Criteria	JORC Code explanation	Commentary
		• Sample points were located using a handheld GPS in GDA94 Zone 50
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Data has been collected at various spacing.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• The historic data is to be used as a guide to future exploration and at face value has been collected in a manner that is sensible with respect to gross geological trends however, more detailed interpretation would be required to assess this further.
Sample security	• *The measures taken to ensure sample security.*	• Due to the historic nature of the data presented, this cannot be determined.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No external audits or reviews have been conducted apart from internal company reviews as this is publicly available, historic data.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The tenement E77/2717 is 100% owned by Duketon Mining Limited and is in good standing and there are no known impediments to obtaining a licence to operate in the area. • The historic data presented, however, has not been collected by Duketon Mining Limited and was not collected originally on tenements owned by Duketon Mining Limited.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The data presented was collected by various companies including Beacon Minerals Limited, Fortescue Metals Group Ltd, Helix Resources, Savage Australian Exploration Pty Ltd and Battle Mountain (Australia) INC.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The anomalies and intersections presented in the historic data are sourced from typical Archaean Greenstone rocks of the Yilgarn Craton.

Criteria	JORC Code explanation	Commentary

Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*
	  ○ *easting and northing of the drill hole collar*
	  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  ○ *dip and azimuth of the hole*
	  ○ *down hole length and interception depth*
	  ○ *hole length.*
		• N/A (drillholes not considered material as all aspects of the drillhole cannot be confirmed as they are historic)

Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Results have been presented as collected from historic data sources. • No metal equivalents are reported, however elemental assay results have been converted via industry standard factors as outlined in Section 1 of this JORC table 1 above to allow reporting of total rare earth oxides (TREO).
Relationship between mineralisation widths and intercept lengths	• *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• Mineralisation orientations have not been determined conclusively.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Refer to figures in document.

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Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• The historic data presented is to illustrate trends only and all available data is provided.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• Refer to document.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Further work will include detailed interrogation of historic data and possible follow-up and extension of this work and/or application of trends identified to other sections of the geological regime being investigated.