

6 April 2020

New Broad Low-Grade Copper Mineralisation being defined at Melilup Prospect

Highlights

- Recent rock chip sampling results from Melilup have defined an open-ended NW-trending copper anomaly with minimum dimensions of 800m x 50m.
- 13% of the assays returned copper values greater than 500ppm Cu, with 3% reporting above 1000ppm Cu (including a peak value of 2135ppm Cu).
- Spectral analysis of rock chips to define vectors toward mineralisation is in progress.
- Planning is underway for additional rock chip sampling, mapping, ground geophysics and soil survey work to define drill targets.

Introduction

MCB Resources Limited (MCB or the Company) (ASX: MCB) is pleased to report that initial mapping and sampling at the Melilup Prospect (within the Tore project) has identified a broad zone of copper mineralisation with a peak value of 2135ppm Cu.

Company chairman **Honourable David Johnston** noted "The Melilup Prospect was the number one target defined by Fathom Geophysics in the Company's 2019 helimag survey (see ASX Announcements dated 21st January, 11th March and 20th March 2019). The Prospect is defined by a strong radiometric signature, and a conspicuous NW trending zone of magnetite destruction. Our field team has been working systematically into this area, and I am extremely pleased to see that their initial sampling and mapping work has already led to the discovery of a new zone, the first zone of new copper mineralisation defined in Bougainville since "The Crisis" and subsequent closure of the Panguna Copper Mine in 1989. We look forward to reporting ongoing results from this area".

Geology

The current phase of mapping and geochemical sampling at Melilup was carried out to check for surface expressions of copper/gold mineralisation associated with interpreted strong potassic altered intrusives located on a NW-transfer structure (Figure 1). At Melilup, two prominent NW- and NE- trending structures can be interpreted from the magnetics (Figure 1) with potential to host mineralisation at the nexus of intersections (analogous to Panguna Copper deposit; Agnew, 2018).



Secondary copper (malachite) and primary copper (chalcopyrite±covellite±energite) minerals were identified in propylitic altered diorites (Figures 2 and 3) along mapped NW- and NE-trending faults (see ASX announcement dated 29th January 2020). Copper mineralisation observed occurred as disseminations and infill fracture controlled veins±brecciation.

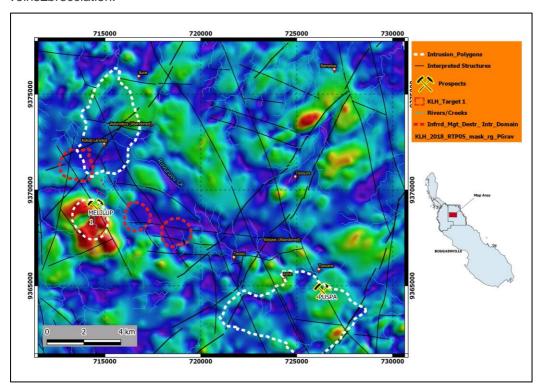


Figure 1: Location Map showing prominent NW, NE, EW structures overlain on RTP magnetics (see company ASX announcements dated 21st January, 11th March and 20th March 2019 for additional details of the helimag survey).



Figure 2: Sample KT515 (malachite bearing intrusive; 2040ppm Cu)



Figure 3: Sample KTR516 (malachite bearing intrusive, 2135ppm Cu)



Geochemical Results

Initial surface geochemical exploration program comprising the collection of 143 rockchip samples from Melilup to test for shallow expressions of surface mineralisation was completed. Whole rock samples were submitted to Intertek (Lae) for analysis of gold by 20 or 50gm fire assay with an ICP-OES finish, depending on sample size, with pulps sent to Intertek (Perth) for base metal analysis using a four-acid digest and MS finish. Intertek routinely supplied internal CRM standards, blanks and check samples for quality control. Assay results are attached in appendix 2.

This work has highlighted a robust NW-trending copper anomaly (>900ppm Cu) of variable width (25-70m) extending over a minimum 800m strike length (Figure 4). Importantly, this anomalous zone of copper mineralisation remains open to both the north and south, and sits within a large (8km long) NW trending zone of magnetite destruction, on the edge of the very strong radiometric anomaly that defines the Melilup Prospect (Figures 1 and 4).

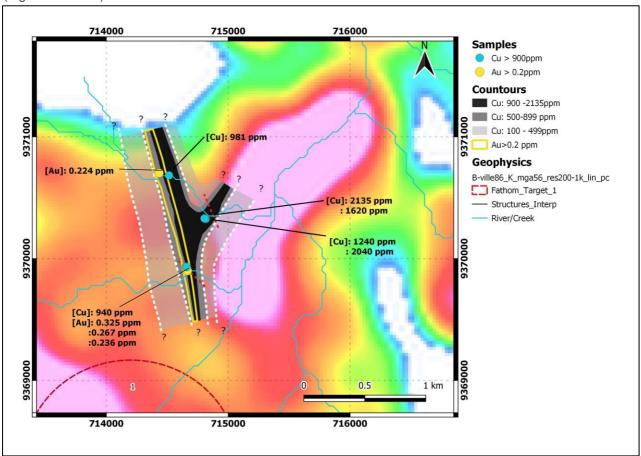


Figure 4: NW-trending copper anomaly (>1000ppm) overlain on radiometrics (potassic alteration).

Of the 143 rock chip samples taken, 13% returned copper values in excess of 500ppm Cu, with 3% reporting above 1000ppm Cu. A peak copper value of 2135ppm Cu was recorded and comprised a chlorite±epidote porphyritic diorite with minor chalcopyrite±(malachite±azurite) disseminations. Highly anomalous copper



assays are presented in Table 1 below (all samples results are reported in appendix 2):

Sample	Nat_Grid_id	Easting	Northing	Prospect	Cu (ppm)	Au (ppm)
KTR514	GDA94_56	714828	937033	Melilup	1240	0.018
KTR515	GDA94_56	714816	9370325	Melilup	2040	0.028
KTR516	GDA94_56	714811	9370327	Melilup	2135	0.034
KTR517	GDA94_56	714804	9370330	Melilup	1620	0.017

Table 1: Summary Table of rockchip samples reporting above 1000ppm Cu.

Encouraging anomalous gold results (>0.1ppm Au) have also been returned from rock chip sampling at Melilup and are variably coincident with the NW-trending anomalous copper zone (Table 2, Figure 4). Sample KTR580 returned a best gold assay of 0.325ppm Au within a chlorite±epidote altered diorite. Minor disseminated and mm-wide quartz±pyrite±chalcopyrite±covellite veinlets were observed.

	Sample	Nat_Grid_id	Easting	Northing	Prospect	Cu (ppm)	Au (ppm)
Ī	KTR495	GDA94_56	716183	9371915	Melilup	138	0.156
	KTR500	GDA94_56	715250	9370333	Melilup	631	0.176
	KTR550	GDA94_56	714453	9370711	Melilup	341	0.12
	KTR551	GDA94_56	714433	9370702	Melilup	274	0.159
	KTR552	GDA94_56	714433	9370702	Melilup	231	0.224
	KTR559	GDA94_56	714420	9370669	Melilup	331	0.126
	KTR569	GDA94_56	714667	937699	Melilup	530	0.167
	KTR570	GDA94_56	714667	937699	Melilup	504	0.139
	KTR580	GDA94_56	714658	9369932	Melilup	940	0.325
	KTR581	GDA94_56	714660	9369924	Melilup	787	0.267
	KTR582	GDA94_56	714666	9369900	Melilup	674	0.236

Table 2: Summary Table of rockchip samples reporting above 0.1ppm Au

Future Work Program

To date, there has been no systematic copper/gold exploration over Melilup and therefore the potential of the area has yet to properly assessed. The assays received represent MCB's initial sampling on the edge of the Melilup prospect and confirms the prospectivity of the area to potentially host significant Cu/Au porphyry mineralisation.

Follow-up sampling and mapping programs are planned. The program will be implemented after the lifting of the suspension imposed by the Department of Mineral and Energy Resources (**DoMER**) and the State of Emergency imposed by the ARoB government in response to COVID-19. In addition, in accordance with Melanesian culture a cleansing ceremony to honour Terry Kilya in death will also take place prior to work resuming.





Spectral analysis of rockchip samples collected from Melilup Prospects is currently in progress. This work will complement the sampling undertaken to date and help identify mineral alteration halos to vector in toward mineralisation.

Authorised for issue by Michael Johnston, Executive Director.

For further information, please contact:

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ABOUT MCB RESOURCES LIMITED

MCB Resources Limited is an ASX listed junior exploration company, solely focused on its two Exploration Licenses in North Bougainville. The tenements are considered highly prospective for porphyry copper and intrusion related copper gold mineralisation and have not been the subject of any significant modern exploration since "The Crisis" in 1989.

About the Bougainville Exploration Licenses

The Company, through Tore Joint Venture Limited, manages two exploration licences on the island of Bougainville, Autonomous Region of Bougainville, Papua New Guinea. Tore Joint Venture Limited is 75% owned by MCB Resources Limited, with the remaining 25% being held by Toremana Resources Limited, a registered landowner association. The two exploration licences, EL03 and EL04 were issued in November 2017 and cover a combined area of 1,704 km².

Tenement Schedule

Tenements held by MCB Resources Limited and subsidiary companies.

TENEMENT	LOCATION	NAME	INTEREST
EL03	Bougainville	Tore	75%
		East	
EL04	Bougainville	Tore	75%
	-	West	

Field work on the Company's two Bougainville tenements was suspended by the DoMER on 17th December 2019. The suspension remains in force.



ASX RELEASE.
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Competent Persons Statement

The information in this announcement that relates to Exploration Results is based on information reviewed by **Mr Michael Johnston** who is a fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM) and an Executive Director of the Company. Mr Johnston has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Johnston consents to the inclusion of the information in the form and context in which it appears. Mr Johnston is a related party by virtue of being an executive director of MCB Resources.

References

Agnew, M.(2018). Return to Bougainville – Reassessing the Mineral Potential of a Long-Forgotten Island, SEG Newsletter No. 118 (April) pp 17-24.

Blake, D.H., and Miezitis, Y. (1967). Geology of Bougainville and Buka Islands, New Guinea: Bureau of Mineral Resources, Geology and Geophysics, Department of National Development, Commonwealth of Australia Bulletin 93, 56 p. Buckingham, A. (2019). Processing, enhancement and modelling of 2018 airborne data over the Tore JV, Bougainville, Papua New Guinea, power-point presentation by Fathom Geophysics for Kalia Limited, ver. 4. *Unpublished*, 61 slides. Clark, G.H. (1990). Panguna copper gold deposit, in *Geology of the Mineral Deposits of Australia and Papua New Guinea* (Ed- F.E. Hughes)' pp' 1807-1816 (The Australasian Institute of Mining and Metallurgy: Melbourne). Garwin, S. (2019). Preliminary Interpretation of Geology and Geochemical Results for the northern Bougainville Island Tenements of Kalia Limited: Implications for Copper and Gold Exploration, power-point presentation ver. 4. *Unpublished*, 39 slides.

Rogerson, R. J., Hilyard, D. B., Finlayson, E. J., Johnson, R. W., and McKee, C. O. (1989). The geology and mineral resources of Bougainville and Buka Islands, Papua New Guinea. *Geological Survey of Papua New Guinea, Memoir 16*, 228 pages.

Sillitoe, R. H. (2010). Porphyry Copper Systems*. Economic Geology, 105(1), 3-41. doi:10.2113/gsecongeo.105.1.3





ADDITIONAL INFORMATION

JORC CODE, 2012 EDITION - TABLE 1

The following sections are provided for compliance with requirements for the reporting of exploration results under the JORC Code, 2012 Edition.

Section 1 Sampling Techniques and Data

Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section.)

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. 	 Sampling of stream sediment was wet sieved at size -80 mesh and relates to historic geochemical data from Rogerson et al. 1989 Whole rock sampling from Rogerson et al. 1989 is denoted by O/C for in situ outcrop at FLT for float samples. For stream sediment samples from Rogerson et al. 1989, Au and Pt were determined on each sample by either 20g or 50g fire assay (depending on sample size); Hg by cold vapour AAS; As and Te by hydride-generation AAS; Ag by AAS. Following KCIO4,HCI digestion and subsequent 10% aliquot 336-MIBK/KI/ascorbic acid metal concentration; and Cu, Zn by AAS following two separate metal extractions, 1% HCI (partial) digestion and HCI/HNO3 (total) digestion. Detection limits for each element were nominally; Au (10ppb), Pt (100ppb), Hg (2ppb), As (2ppm), Te (100ppb), Ag (100ppb), Cu (1ppb) and Zn (1ppm). Whole rock samples were analysed for; Ba, Sr, Pb, Zr, V, Cr, Ni by ICP at AMDEL, South Australia, Rb, Nb, Y by XRF at AMDEL, Sc, Cs, Sr, Hf, Th, La, Ce, Nd, Sm, Cu, Tb, Dy, Yb, Lu, V, Zn, Au by Instrumental Neutron Activation Analysis at CSIRO Lucas Heights NSW. MCB Resources is reporting modelling utilising the airborne magnetic and radiometric data, for the survey carried out over the Mt Tore project area [EL03 and EL04] between 30/08/2018 and 30/11/2018. MCB Resources collects rockchips from outcrop and float at suitable locations in the field these are submitted to Intertek Lae. A 50 g fire assay is conducted for gold analysis and a four acid digest ICP-MS/AES is conducted for trace and major multi-element detection.
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).	No drilling results reported
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	No drilling results reported



Criteria

Logging

Sub-

JORC Code explanation Commentary 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. Whether core and chip samples have been Samples have been logged by a geologist in geologically and geotechnically logged to the field. a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. If core, whether cut or sawn and whether No drilling results reported sampling quarter, half or all core taken. techniques If non-core, whether riffled, tube sampled, and sample rotary split, etc and whether sampled wet preparation 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

Quality assay data and laboratory tests

sampled. The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.

Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being

representivity of samples.

- 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.
- For stream sediment samples from Rogerson et al. 1989, Au and Pt were determined on each sample by either 20g or 50g fire assay (depending on sample size); Hg by cold vapour AAS; As and Te by hydride-generation AAS; Ag by AAS. Following KCIO4,HCI digestion and subsequent 10% aliquot 336-MIBK/KI/ascorbic acid metal concentration; and Cu, In by AAS following two separate metal extractions, 1% HCI (partial) digestion and HCI/HNO3 (total) digestion. Detection limits for each element were nominally; Au (10ppb), Pt (100ppb), Hg (2ppb), As (2ppm), Te (100ppb), Ag (100ppb), Cu (1ppb) and In (1ppm).
- Whole rock samples were analysed for; Ba, Sr, Pb, Zr, V, Cr, Ni by ICP at AMDEL, South Australia, Rb, Nb, Y by XRF at AMDEL, Sc, Cs, Sr, Hf, Th, La, Ce, Nd, Sm, Cu, Tb, Dy, Yb, Lu, V, Zn, Au by Instrumental Neutron Activation Analysis at CSIRO Lucas Heights NSW.
- Specific instrument information not available.
- Lab-produced QAQC procedures and results are unknown.



Criteria	JORC Code explanation	Commentary
		Intertek Lae submit CRM standards, blanks, and check samples where required.
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. 	 Unknown if samples were submitted to an umpire laboratory for check analysis. No umpire laboratory checks on recent surface sample results.
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. 	 Samples from Rogerson et al. 1989 are recorded in mE and mN to the nearest hundred metres using WGS1984 datum. The method for plotting locations is unknown. A Garmin hand-held GPS is used to define sample locations. Geophysics Datum: Geodetic Datum of Australia 94 (GDA94) Projection: Map Grid of Australia (MGA) Zone: Zone 56
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. 	No drilling results reported.
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. 	Mineralisation reported at surface only.
Sample security	The measures taken to ensure sample security.	 Sample security practices unknown. All recent samples are within possession of company staff until deposited with an independent (international) courier and delivered to the laboratory (Intertek) in Lae.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	 No audits or reviews have taken place. Senior geologists periodically review all laboratory data and collection processes.



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 Mt Tore Project consists of two exploration licence applications ELA07 (365.3sqkm) and ELA08 (838.7sqkm). The Mt Tore Project is a joint venture between MCB Resources Limited (75%) and Toremana Resources Limited, a registered landowner association (25%).
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	All data sourced by the company has been disclosed.
Geology	Deposit type, geological setting and style of mineralisation.	The Tore region consists of volcanic rocks in an island arc tectonic setting. Intrusive bodies are recorded in numerous locations throughout the project area and is highly prospective for porphyry Cu-Au-Ag-Mo and Epithermal Au deposits.
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: a 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. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	No drilling results reported
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	No minimum or maximum cut-offs have been applied



Criteria	JORC Code explanation	Commentary
	reporting of metal equivalent values should be clearly stated.	
Relationship between mineralisation widths and intercept lengths	 These relationships are particularly important in the reporting of Exploration Results. 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'). 	• N/A
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.	Maps and plans appear throughout this release.
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.	 All sample assay data has been released, previously. Results of the geophysical survey, interpretation and modelling has been released, previously.
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.	Alteration studies currently underway, and will be reported soon.
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. 	See future work/plans within the release.

APPENDIX 2

Melilup RockChip Assay Results (EL 03)



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Sample_ID	NAT_Grid_Id	NAT_East	NAT_North	NAT_RL	Au_(ppm)	Ag_(ppm)	As_(ppm)	Ba_(ppm)	Bi_(ppm)	Cu_(ppm)	K _(ppm)	Mo_(ppm)	Pb_(ppm)	S _(ppm)	Sb_(ppm)	Zn_(ppm)
KTR448	GDA94_56	716285	9372202	493	0.012	0.1	6	648	0.18	66	32325	21.5	22	3.68	0.3	69
KTR449	GDA94_56	716285	9372202	493	<0.005	<0.1	3	276	0.14	27	21023	1.6	5	3.7	0.1	279
KTR450	GDA94_56	716206	9372242	514	< 0.005	0.3	6	397	<0.05	83	47074	1.8	11	1.07	0.2	103
KTR451	GDA94_56	716243	9371118	592	0.054	0.9	11	493	0.07	21	22597	4.2	297	0.9	1.2	672
KTR452	GDA94_56	716262	9371062	617	0.012	0.2	5	307	0.17	265	33215	4.1	23	2.22	0.2	76
KTR453	GDA94_56	716377	9371028	585	0.093	1.2	19	934	0.06	146	51318	4.2	54	0.67	0.7	315
KTR454	GDA94_56	716405	9370913	608	0.093	0.4	50	478	< 0.05	97	77366	4.9	13	2.24	1	75
KTR455	GDA94_56	716472	9370804	649	< 0.005	0.4	9	713	0.06	133	44290	3.5	87	0.4	0.7	206
KTR456	GDA94_56	716481	9370770	633	0.049	0.7	22	785	0.27	256	48403	3.9	158	1.19	0.8	309
KTR457	GDA94_56	716586	9370591	656	0.011	0.2	3	674	0.16	128	50206	4.6	22	0.66	0.5	319
KTR458	GDA94_56	716606	9370530	685	0.035	0.5	70	452	< 0.05	134	66035	8.6	14	2.81	2.9	67
KTR459	GDA94_56	716663	9370356	718	0.021	0.2	8	520	0.05	95	39486	3.6	12	0.33	0.4	103
KTR460	GDA94_56	717039	9370112	734	0.008	0.1	4	93	0.07	33	13098	1.4	12	0.66	0.4	112
KTR461	GDA94_56	717182	9370136	966	<0.005	0.2	2	411	< 0.05	90	35119	3.2	9	0.22	0.2	77
KTR462	GDA94_56	717447	9370087	996	0.03	0.2	6	566	< 0.05	111	36202	3.7	8	0.89	0.3	86
KTR463	GDA94_56	716431	9372237	474	0.025	0.2	15	991	0.35	32	55588	3.6	33	2.67	0.6	33
KTR464	GDA94_56	716073	9372277	532	0.041	<0.1	6	426	0.24	27	42052	5.2	7	2.86	0.2	21
KTR465	GDA94_56	716012	9372221	541	0.03	0.9	11	343	0.14	77	30240	5	26	3.53	0.3	189
KTR466	GDA94_56	715034	9372467	859	0.017	<0.1	4	204	0.07	16	32097	2.8	5	2.55	0.3	12
KTR467	GDA94_56	715008	9372461	852	0.022	0.1	10	334	0.16	104	26315	5.4	26	4.08	0.3	84
KTR468	GDA94_56	715062	9372513	998	0.023	0.1	8	377	0.08	95	29979	2.8	6	4.17	0.4	50
KTR469	GDA94_56	715062	9372513	998	0.041	0.1	10	357	0.32	81	38299	5.5	19	4.6	0.6	63
KTR470	GDA94_56	715062	9372513	998	0.038	1.7	6	195	0.12	148	22992	2.5	9	2.11	0.4	152
KTR471	GDA94_56	715059	9372478	983	0.027	< 0.1	11	336	0.27	44	36579	2.8	36	4.11	0.5	29
KTR472	GDA94_56	715053	9372455	984	0.021	< 0.1	7	394	0.16	27	40663	4.3	18	3.08	0.5	27
KTR473	GDA94_56	716370	9372035	523	0.015	0.5	1	206	0.13	116	19303	3	6	0.98	0.3	35
KTR474	GDA94_56	715567	9370469	538	0.031	0.1	<1	195	0.15	25	24670	1.1	27	3.28	0.1	50
KTR475	GDA94_56	715526	9370358	568	0.029	0.3	2	408	0.07	254	34583	5.3	10	< 0.05	0.2	104
KTR476	GDA94_56	715555	9370327	611	0.023	<0.1	10	68	< 0.05	26	8596	0.7	4	1.68	0.4	13
KTR477	GDA94_56	715665	9370217	624	0.043	0.3	11	479	0.27	101	48036	1.5	19	1.54	0.2	34
KTR478	GDA94_56	715662	9370414	616	0.019	0.2	3	572	0.14	46	43352	1.3	18	1.87	0.2	120
KTR479	GDA94_56	715765	9370037	644	0.023	< 0.1	4	451	0.38	35	35814	0.2	22	3.36	0.2	86
KTR480	GDA94_56	715773	9370031	630	0.017	0.2	2	288	0.31	52	45995	1.5	51	3.35	0.2	87



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. –	NAT_Grid_Id	_	NAT_North		Au_(ppm)		As_(ppm)	,				Mo_(ppm)		S _(ppm)	Sb_(ppm)	Zn_(ppm)
KTR481	_		9370001	623	0.01	0.1	4	217	0.22		39606	5	25	3.82	0.2	130
KTR482	-		9369923	634	0.033	0.1	2	403	0.12		42962	0.9	34	3.32	0.2	123
KTR483	_		9369924	695	0.015		5	791	0.17		57991	2.4	55	3.67	0.1	336
KTR484	_		9369854	695	0.019		1	_	0.09		39580	0.4	38	3.25	0.1	72
KTR485	-		9369670	686	0.023	0.1	1	468	0.07		48880	1.1	30	0.44	0.2	104
KTR486	_		9369563	724	0.026		9	452	0.23		40616	4.3	14	2.43	0.3	121
KTR487	_		9369035	824	0.031	0.1	3	430	<0.05		32975	2	10	0.06	0.1	66
KTR488	_		9369041	822	0.021	<0.1	20		0.09		11251	1.7	8		0.7	6
KTR489	_		9368959	833	0.015	0.2	12		0.42		1147	10.1	14	2.8	6.4	9
KTR490	_		9368874	842	<0.005	<0.1	5	493	0.19		47263	3.5	15	2.02	0.4	70
KTR491	_		9368766	740	0.014	0.1	4	415	0.1	68	28470	2.7	31	2.19	0.2	221
KTR492	_		9368724	809	0.011	<0.1	8	321	0.14	_	35744	3.2	9	3.07	0.2	123
KTR493	GDA94_56	715543	9368614	916	<0.005	0.1	2	253	0.73	_	23446	15.6	9	4.17	0.2	63
KTR494	GDA94_56	716183	9371916	480	0.009		4	477	0.05		40022	1	22	<0.05	0.2	99
KTR495	GDA94_56	716183	9371915	481	0.156		3	392	0.18		36368	0.7	9	<0.05	0.1	52
KTR496	GDA94_56	715363	9370450	501	0.044	<0.1	4	428	0.07		43627	1.6	6	0.48	0.1	61
KTR497	GDA94_56	715362	9370441	515	0.014	0.2	2	367	0.31		34336	0.8	15	1.93	0.1	93
KTR498	GDA94_56	715355	9370435	516	0.014	0.1	4	519	0.26		49245	2.3	23	1.45	0.1	132
KTR499	GDA94_56	715290	9370365	541	0.027	0.1	6	502	0.19		50593	4.4	16	1.52	0.1	82
KTR500	GDA94_56	715250	9370333	561	0.176		3	475	< 0.05	631	37250	3.6	12	< 0.05	<0.1	100
KTR502	GDA94_56	715172	9370297	619	0.024	0.2	2	435	<0.05	68	33451	0.8	14	< 0.05	0.1	278
KTR503	GDA94_56	715131	9370306	635	0.04	0.2	1	377	< 0.05	136	46988	2.8	14	< 0.05	<0.1	149
KTR504	GDA94_56	715055	9370425		0.023	0.1	3	329	0.38	105	42352	1.2	13	3.09	0.1	98
KTR505	GDA94_56	715048	9370435	599	0.063	0.1	1	409	<0.05	148	29932	3.9	13	0.08	0.1	199
KTR506	GDA94_56	715090	9370334	601	0.028	0.2	2	261	0.66	570	24741	1	10	3.62	0.1	80
KTR507	GDA94_56	715050	9370444	553	<0.005	<0.1	1	440	0.15	76	40877	7.6	16	0.53	0.1	104
KTR508	GDA94_56	715072	9370431	653	0.008	0.2	2	358	1.14	39	35511	1.5	23	1.06	0.3	36
KTR509	GDA94_56	714900	9370355	652	0.03	<0.1	3	358	0.45	185	34563	0.5	8	3.95	0.2	23
KTR510	GDA94_56	714931	9370336	685	0.033	0.1	2	196	0.36	120	20178	2.5	18	2.41	0.1	86
KTR511	GDA94_56	714916	9370398	647	< 0.005	<0.1	6	1696	0.2	92	1023	130	5	1.69	0.6	24
KTR512	GDA94_56	714860	9370385	724	0.018	0.1	4	552	0.09	110	41063	4.2	16	0.38	0.1	89
KTR513	GDA94_56	714853	9370336	724	0.011	0.3	6	197	0.16	591	24543	27.8	49	3.66	0.2	185
KTR514	GDA94_56	714828	937033	746	0.018	0.6	3	416	0.07	1240	45958	10.9	61	0.34	<0.1	504
KTR515	GDA94_56	714816	9370325	792	0.028	0.7	4	488	0.1	2040	42462	13.7	71	0.47	<0.1	643



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6 1 15	NAT CILL		NIAT NI 11	NAT DI		• ()	• / \	D ()	D: / \	c / \	w / \		DI ()	c / \	Cl ()	7 ()
. –	NAT_Grid_Id	NAT_East	NAT_North		Au_(ppm)	Ag_(ppm)	As_(ppm)	Ba_(ppm)				Mo_(ppm)	Pb_(ppm)	S _(ppm)	Sb_(ppm)	Zn_(ppm)
KTR516	GDA94_56	714816	9370325	792	0.034	0.9	4	535	0.11	2135	42401	14.6	67	0.42	0.1	718
KTR517	GDA94_56	714816	9370325	792	0.017	0.7	2	614	0.08	1620	43747	7.3	47	0.69	0.1	478
KTR518	GDA94_56	714751	9370365	695	0.006	0.2	6	474	0.35	39	36173	0.8	34	1.37	0.2	11
KTR519	GDA94_56	714637	9370654	734	0.014	<0.1	3	467	0.05	99	42658	2.8	18	0.83	0.1	209
KTR520	GDA94_56	714637	9370654	734	0.03	<0.1	4	364	0.07	91	39343	3	12	0.46	0.2	173
KTR521	GDA94_56	714585	9370662	762	0.006	<0.1	4	458	0.07	22	28836	1.7	7	0.86	0.2	66
KTR522	GDA94_56	714596	9370650	768	0.012	<0.1	3	433	0.12	80	28545	4.2	10	0.45	0.1	72
KTR523	GDA94_56	714461	9370559	769	0.016	<0.1	<1	441	0.06	165	29373	7.4	15	0.6	<0.1	123
KTR524	GDA94_56	714513	9370684	770	0.078	0.2	2	370	0.05	605	39829	3.3	11	0.2	0.1	149
KTR525	GDA94_56	714513	9370684	770	0.083	0.2	2	400	< 0.05	367	40266	4.8	12	0.07	0.1	125
KTR526	GDA94_56	714513	9370684	770	0.033	0.1	2	464	0.05	152	35546	13.1	17	0.43	0.1	183
KTR527	GDA94_56	714513	9370684	770	0.031	<0.1	2	314	< 0.05	198	31722	7.2	9	0.07	0.1	115
KTR528	GDA94_56	714496	9370692	769	0.045	0.1	3	323	<0.05	383	30016	10.2	13	0.22	0.1	155
KTR529	GDA94_56	714496	9370692	769	0.063	0.2	3	451	< 0.05	443	39418	18.8	19	0.32	0.1	220
KTR530	GDA94_56	714496	9370692	769	0.04	0.2	5	502	< 0.05	458	42046	7.8	29	0.36	<0.1	310
KTR531	GDA94_56	714496	9370692	769	0.07	0.2	2	565	0.05	601	48943	36	13	0.17	0.1	161
KTR532	GDA94_56	714496	9370692	769	0.04	0.2	2	352	0.07	334	34402	21.4	10	0.45	0.1	175
KTR533	GDA94_56	714496	9370692	769	0.027	0.1	2	552	<0.05	157	52068	20.1	14	0.21	<0.1	155
KTR534	GDA94_56	714514	9370683	773	0.036	0.2	2	427	0.08	269	42612	17.1	18	0.65	<0.1	90
KTR535	GDA94_56	714514	9370683	773	0.099	0.2	<1	390	0.05	487	32418	25.7	18	0.81	<0.1	134
KTR536	GDA94_56	714514	9370683	773	0.094	0.2	1	367	<0.05	624	31475	27.6	21	0.65	0.1	151
KTR537	GDA94_56	714514	9370683	773	0.065	0.4	3	467	0.06	981	46148	90.3	23	0.36	0.1	215
KTR538	GDA94_56	714465	9370682	801	0.082	0.2	3	558 574	<0.05	599 171	41975	84.7	22	0.17	0.2	192
KTR539	GDA94_56	714465	9370682	801	0.052	0.1	3	574	<0.05	171 75	50234 47329	38.5	23	0.35	0.1	194
KTR540	GDA94_56	714465	9370682	801	0.066	<0.1	-	327	0.11 <0.05		47329 45408	47.6	10	1.29	0.2	36
KTR541	GDA94_56	714491	9370663	859	0.012	<0.1	1	522	<0.05	54		15.7 6.8	18	0.07	<0.1	94 110
KTR542	GDA94_56	714491	9370663	859 759	0.013	<0.1	<1	261	0.03	19	21818 53032	15.3	25	0.06	0.1	
KTR543	GDA94_56	711458	9370680	758 758	0.013	0.3	3	546		441			23	0.65	0.2	116
KTR544	GDA94_56	711458 711458	9370680 9370680	758 758	0.011 0.04	<0.1 0.1	2	615 421	0.19 0.12	101 151	59576 29719	16.2 6.5	16 11	1.16 0.41	0.1 0.1	141 147
KTR545	GDA94_56															
KTR546	GDA94_56	711458	9370680	758 801	0.032	0.1	1	449	0.36	131	34318	12.3	16	2.48	0.1	86 125
KTR547	GDA94_56	714439	9370682	801	0.068	0.2	2	483	0.14	260	34066	19.8 7	22	1.79	0.1	125
KTR548	GDA94_56	714460	9370698	812	0.05	0.1	2	709	< 0.05	262	22155	-	28	0.4	0.1	209
KTR549	GDA94_56	714453	9370711	720	0.03	0.2	1	685	0.11	407	34891	21.3	22	0.6	<0.1	558



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Sample_		NAT_East	NAT_North		Au_(ppm)	Ag_(ppm)	As_(ppm)	Ba_(ppm)	Bi_(ppm)	Cu_(ppm)	_,, ,	Mo_(ppm)	Pb_(ppm)	S _(ppm)	Sb_(ppm)	Zn_(ppm)
KTR550	GDA94_56	714453	9370711	720	0.12	0.2	1	464	0.18	341	32059	17.4	34	1.45	<0.1	167
KTR551	_	714433	9370702	778	0.159	0.2	<1	451	0.1	274	31030	14.3	23	0.78	<0.1	163
KTR552	-	714433	9370702	778	0.224	0.1	<1	441	0.11	231	29750	30.4	16	1.3	<0.1	79
KTR553	GDA94_56	714456	9370685	844	0.07	0.1	2	443	0.08	208	27117	2.8	40	1.06	0.2	204
KTR554	-	714427	9370678	753	0.071	0.2	3	257	0.08	146	56612	14.1	28	0.62	0.3	81
KTR555	_	714427	9370678	753	0.077	0.2	1	555	0.14	181	63118	31.6	27	1.02	<0.1	94
KTR556	GDA94_56	714427	9370678	753	0.065	0.1	<1	614	0.14	81	61333	26.4	25	2.2	<0.1	51
KTR557	GDA94_56	714427	9370678	753	0.069	0.1	2	328	0.21	56	36627	23.8	26	2.66	<0.1	54
KTR558	GDA94_56	714427	9370678	753	0.052	0.1	4	446	0.19	110	66016	10.9	43	1.87	0.1	30
KTR559	_	714420	9370669	597	0.126	0.2	4	376	0.12	331	34131	7.3	20	2.07	0.1	159
KTR560	GDA94_56	714411	9370665	641	0.056	0.2	3	398	0.23	166	46493	7.5	28	2.4	0.2	88
KTR561	GDA94_56	714419	9370602	615	0.096	0.1	1	322	0.2	204	32641	13.6	16	4.14	<0.1	112
KTR562	GDA94_56	714343	9370621	657	0.045	0.2	3	399	0.16	223	35638	7.9	27	2.55	<0.1	205
KTR563	GDA94_56	714300	9370612	615	0.06	<0.1	3	323	0.25	153	27180	4.2	10	2	0.1	115
KTR564	GDA94_56	714283	9370663	638	0.092	<0.1	2	341	0.53	153	45230	17.9	7	5.23	0.2	29
KTR565	GDA94_56	714233	9370697	648	0.047	<0.1	3	297	0.61	55	49039	160	7	5.63	0.3	17
KTR566	GDA94_56	714240	9370694	804	0.065	0.1	2	314	<0.05	248	37290	7	18	1.27	0.2	95
KTR567	GDA94_56	714211	9370746	832	0.033	<0.1	21	324	1.86	346	39810	0.5	13	2.08	0.4	41
KTR568	GDA94_56	714216	9370737	725	0.027	0.3	30	655	0.05	180	44772	8.6	30	5.48	1.2	258
KTR569	GDA94_56	714667	937699	679	0.167	0.4	4	437	0.07	530	34210	9.7	51	0.41	0.1	389
KTR570	GDA94_56	714667	937699	679	0.139	0.4	4	423	0.07	504	28149	6.3	46	0.38	0.1	399
KTR571	GDA94_56	714661	9369951	744	0.071	0.4	5	398	0.07	378	26852	6.6	29	0.37	0.2	376
KTR572	GDA94_56	714689	9369951	764	0.071	0.2	7	515	0.08	253	40205	2.4	34	0.85	0.2	385
KTR573	GDA94_56	714656	9369966	722	0.026	0.2	8	279	0.2	272	30644	1	69	2.26	0.3	306
KTR574	GDA94_56	714660	9369970	696	0.074	0.5	9	373	0.14	580	32907	7.9	88	1.55	0.4	720
KTR575	GDA94_56	714628	9369983	678	0.096	0.8	9	400	0.25	610	42779	6.6	442	1.57	0.4	965
KTR576	GDA94_56	714628	9369983	678	0.022	0.2	8	390	0.09	220	39439	7.3	93	0.83	0.3	288
KTR577	GDA94_56	714628	9369983	678	0.043	0.2	6	369	< 0.05	143	33613	4.8	140	0.7	0.2	399
KTR579	_	714655	9369943	637	0.095	0.6	14	502	0.08	355	34028	2.7	200	1.04	0.5	753
KTR580	GDA94_56	714658	9369932	688	0.325	1.5	13	270	0.17	940	19540	5.7	176	1.39	0.5	622
KTR581	GDA94_56	714660	9369924	698	0.267	0.8	6	365	0.08	787	30929	3.4	58	0.27	0.2	288
KTR582	GDA94_56	714666	9369900	697	0.236	0.4	4	375	0.06	674	26958	10	47	0.11	0.3	245
KTR583	GDA94_56	714681	9369875	698	0.058	0.3	7	383	0.06	162	30946	1.7	64	0.57	0.3	219
KTR584	GDA94_56	714638	9369823	711	0.048	0.2	14	412	0.08	133	31129	1.9	46	0.43	0.5	268



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Sample_ID	NAT_Grid_Id	NAT_East	NAT_North	NAT_RL	Au_(ppm)	Ag_(ppm)	As_(ppm)	Ba_(ppm)	Bi_(ppm)	Cu_(ppm)	K _(ppm)	Mo_(ppm)	Pb_(ppm)	S _(ppm)	Sb_(ppm)	Zn_(ppm)
KTR585	GDA94_56	714638	9369798	714	0.027	0.1	16	471	0.1	127	32793	1.9	22	1.07	0.8	175
KTR586	GDA94_56	714518	9369763	711	0.038	<0.1	6	602	0.32	217	34668	0.9	5	3.16	0.3	63
KTR587	GDA94_56	714512	9369748	707	0.047	0.3	16	184	0.49	20	39295	2.5	7	4.49	0.4	23
KTR589	GDA94_56	714502	9369743	710	0.028	<0.1	11	410	0.18	62	27645	1.6	8	1.86	0.3	87
KTR591	GDA94_56	714444	9369810	720	0.016	0.3	18	432	0.71	42	36115	3.2	11	2.12	1	118
KTR592	GDA94_56	714428	9369800	723	0.03	0.1	23	419	0.13	64	40085	3.7	13	1.79	0.5	135
KTR593	GDA94_56	714351	9369857	728	0.025	0.1	13	445	0.18	103	39783	1.9	14	1.74	0.7	117
KTR594	GDA94_56	714351	9369857	728	0.026	0.2	8	441	0.15	72	41129	2.6	16	3.17	0.5	95



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Ends