

## ***Millennium North drilling identifies significant shallow oxide copper intercepts and sulphides to 1.5%***

## ***Millennium Central and South review underway***

### ***Highlights***

- Drilling results received from Northern Area target at the Millennium Cu-Co-Au Project in northwest QLD as part of MBK's exclusive option to earn-in up to 80% of the project
- Broad copper intersections returned including:
  - 8m @ 0.76% Cu from 62m (MI21RC05)
  - 24m @ 0.27% Cu from 0m (MI21RC06)
- Preliminary review underway regarding current Inferred Resource of 5.9Mt @ 1.08% CuEq<sup>1</sup> and recent results
- Further work on metal zonation and structural relationships to adjacent Pilgrim/Fountain Range Fault in Northern Area extension target in progress

**Metal Bank Limited (ASX:MBK)** ('Metal Bank', 'MBK' or the 'Company') is pleased to advise full assay results from the initial RC drilling program at the Millennium copper, cobalt and gold (Cu-Co-Au) project near Mt Isa, Queensland ('**Millennium Project**') have now been received. This follows previous high grade Cu-Co-Au results returned from the initial two holes into the Central Area<sup>2</sup>.

Results reported are from 5 drill holes targeting northern extensions 800-1000m along strike of the main Millennium Inferred Resource of 5.9Mt @ 1.08% CuEq as defined by Hammer Metals in 2016. Results include:

- 7m @ 0.30% Cu from 18m (MI21RC03)
- 8m @ 0.76% Cu from 62m (MI21RC05)
- 5m @ 0.29% Cu from 1m and 13m @ 0.32% Cu from 11m within a broader interval of 24m @ 0.27% Cu from surface (MI21RC06)

<sup>1</sup> HMX ASX Announcement dated 6 December 2016 "Millennium Mineral Resource Estimate"

<sup>2</sup> MBK ASX Release 8 September 2021

Results support Metal Bank's exploration approach at Millennium to expand the known mineralisation and justify the surface soil copper anomalism within basement rock on the eastern contact of the regional Pilgrim/Fountain Range Fault system. Importantly, substantial hydrothermal alteration is developed in this area and may indicate proximal siting for metal transport and/or deposition. This may open up potential for additional resources along strike and/or peripheral to the known resource.

**Commenting on the exploration results, Inés Scotland said:**

*"Our northern extension drilling has opened up scope for additional resources at Millennium North providing us with further confidence in the expansion potential of this Project over and above the expansion of the existing Resource. We are now evaluating potential to update that Resource and planning further extension test work for the existing Resource area and the Northern Area".*

The Millennium Project is an advanced exploration and development project located in the Mount Isa region on northwest Queensland, 19km from the Rocklands copper-cobalt processing facility. The Millennium Project holds a 2012 JORC-compliant Inferred Resource of 5.9MT @ 1.08% CuEq<sup>1</sup> across 5 granted Mining Leases with significant potential for expansion, all proximal to processing solutions and excellent infrastructure in the Mount Isa region.

MBK has an exclusive 6 month option over the Millennium Project under its agreement with Global Energy Metals Corporation (**TSXV:GEMC**) ('**GEMC**') and its wholly owned subsidiary, Element Minerals Australia Pty Ltd. At the end of the option period, MBK will have the right to commence a formal earn-in to earn up to an 80% interest in the Project.

**MILLENNIUM DRILLING PROGRAM**

The Millennium drilling program commenced 11 August 2021 in the Southern Area (as shown in Figure 1 below), with two reverse circulation (RC) holes for 195m (MI21RC01-02) aimed at testing resource gaps and low confidence zones as part of Resource validation work.

A further 5 RC holes for 478m (MI21RC03-07) were completed in the Northern Area (also shown in Figure 1, with MI21RC05-07 cross-section in Figure 2) testing potential for mineralisation extensions in the northern part of the Project area as indicated by previous mapping, geochemistry and structural interpretation. Refer to Table 1 and Table 2 for full drilling details.

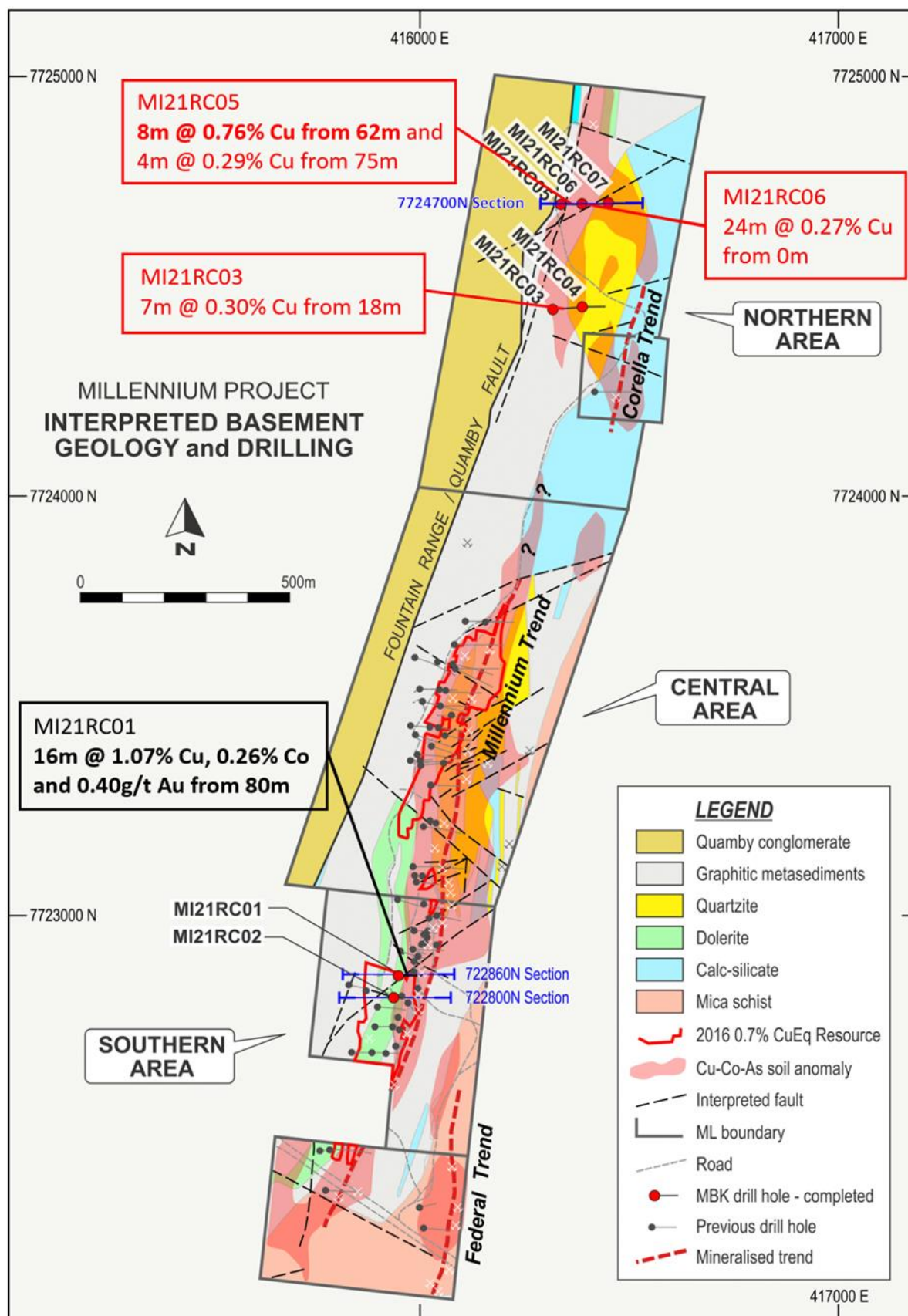


Figure 1: Millennium Project plan view showing interpreted basement geology, existing Millennium resource outline, previous and MBK drilling, exploration targets and Northern Area RC drilling results.

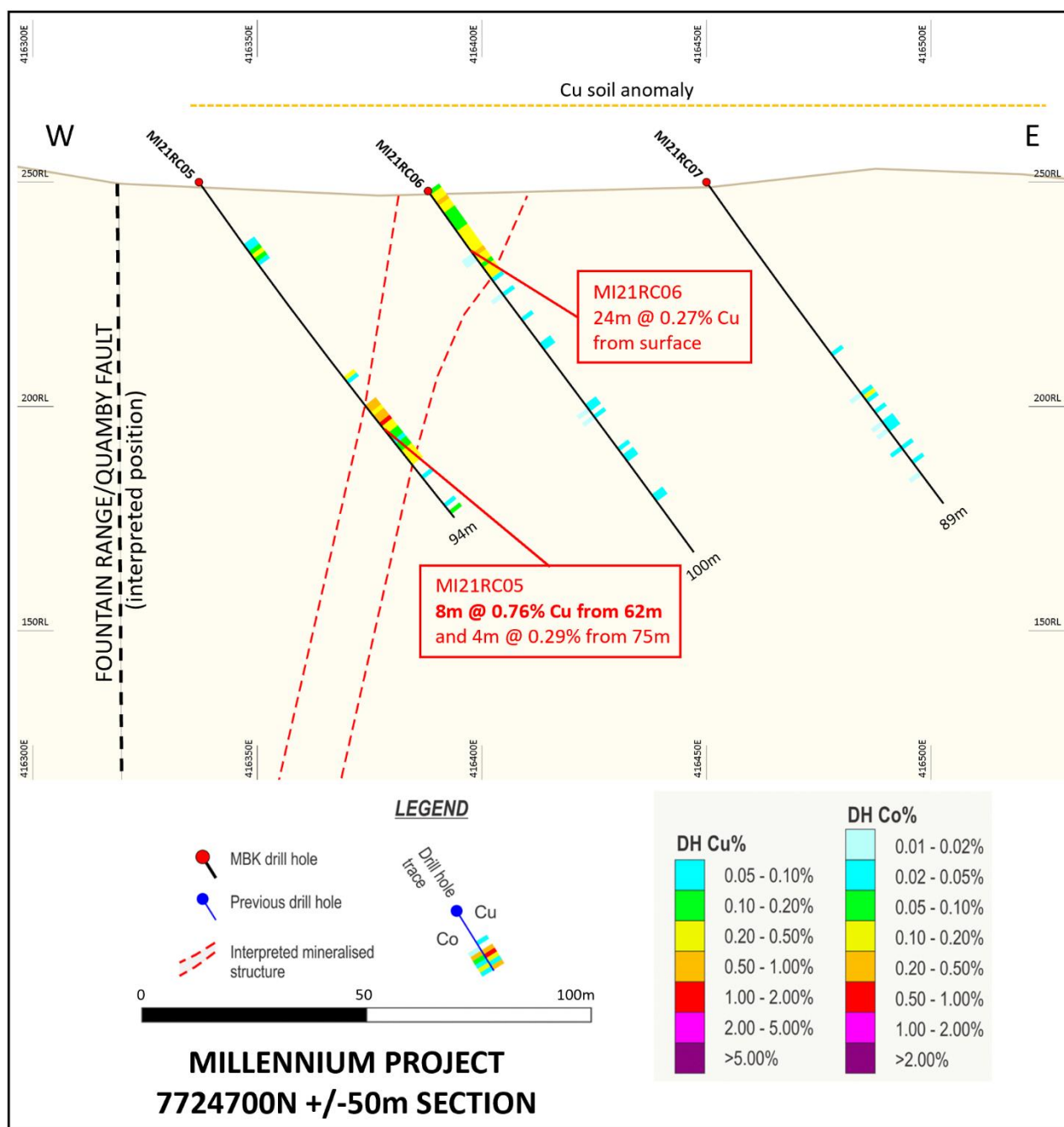


Figure 2: Millennium 7724700N section showing MI21RC05-7 drill holes and working preliminary interpretation.

### NORTHERN AREA DRILLING

First-pass drilling in the Northern Area for (MI21RC03-07) has been completed, testing anomalous surface Co-Cu geochemistry, previously mapped geological units and structures similar to mineralisation features in the Southern and Central Areas. This area is approximately 800-1000m north along strike, has had no previous drilling and does not form part of the existing Millennium resource. Drilling was conducted in two fences on two lines 250m apart.

Copper oxides were intersected from surface and sulphides were observed deeper downhole, including 8m @ 0.76% Cu from 62m (MI21RC05), associated with contact zones between metasedimentary units and graphitic siltstones. Individual Cu assays peak at 1.50% from 67m depth.

While appearing restricted to the south and east, Cu mineralisation in the Northern Area remains open to the West, North and at depth. The relationship between this mineralisation and the Fountain Range / Quamby Fault warrants further investigation. In addition, the eastern areas are not completely drill tested.

## REVIEW

A review of the existing JORC 2012 Resource is underway to assess current scope for tonnage and grade updates, additional target areas and further work requirements in both the Southern and Central Areas of the resource.

The Resource review will include the two holes completed by MBK in the Central Area of the Resource and previous drilling completed by GEMC.

The two holes completed by MBK tested gaps in the existing resource and the potential for extensions in the northern margin of the southern area of the resource with excellent results. Several broad zones of Cu-Co mineralisation were intersected, with results including<sup>3</sup>:

### MI21RC01

- 17m @ 0.33% Cu, 0.08% Co and 0.12g/t Au from 56m
- 16m @ 1.07% Cu, 0.26% Co and 0.40g/t Au from 80m including a high-grade zone of 5m @ 2.92% Cu, 0.50% Co and 1.19g/t Au from 82m

### MI21RC02

- 2m @ 0.07% Cu and 0.29% Co from 41m
- 16m @ 0.34% Cu and 0.06% Co from 64m
- 3m @ 0.59% Cu and 0.14% Co from 84m

These results support the up-dip continuity of the Resource and potential northern extension of the southern resource model, in particular within the current gap area between the southern and central resources.

In addition, the results have identified that some higher-grade zones may remain untested within the Resource area, providing confidence in the significant growth upside of the existing Inferred Resource located in the southern and central areas of the Project.

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<sup>3</sup> MBK ASX Release 8 September 2021

### *SOUTHERN AREA PREVIOUS DRILLING*

GEMC conducted a 10-hole, 1,141 metre drilling campaign on the Millennium Project during 2017 and 2018 to test the up-dip continuity at the Millennium North deposit and confirm historical estimates of cobalt mineralisation reported in 2016 by Hammer Metals<sup>4</sup>. GEMC were successful in both duplicating historical results, demonstrating the continuity of mineralisation within the mineralised zone and in determining mineralisation continues to depth<sup>5</sup>, including 28m @0.35% Cu and 0.2% Co (MIRC026). Significantly, cobalt and copper mineralisation was encountered along the entire targeted 1500 metre strike length with the zones remaining open in all directions<sup>6</sup>.

Prior the GEMC's involvement, the project area had been tested by only 73 drill holes (percussion, RC and diamond) for a total of 7,891 metres. Most holes have been drilled within 200 metres of surface, with few holes reaching to depths greater than 250 metres below surface. At present mineralisation remains open at depth and along the strike extent of the JORC resource area<sup>7</sup>.

### **FURTHER WORK**

Pending outcomes from the Resource review and scoping work, in light of the encouraging copper results in the Northern Area further work is underway to extend the basement mineralisation, define high grade target zones and understand mineralisation relationships with the adjacent Quamby/Pilgrim Fault system. Work will also seek to determine the metal zonation aspects noted between the Northern and Central/Southern Areas.

In addition, the Federal and Corella Trends require assessment for potential to add additional targets and resources to the project.

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<sup>4</sup> GEMC News Release dated 19 June 2018

<sup>5</sup> GEMC News Releases dated 17 January 2018, 30 April 2018, 31 May 2018 and 19 June 2018

<sup>6</sup> GEMC News Release dated 19 June 2018

<sup>7</sup> GEMC News Release dated 6 September 2018

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**Table 1: Completed drill hole details**

HOLE ID	EASTING	NORTHING	RL	DIP	MAG AZI	AMG AZI	DEPTH (m)
MI21RC01	415946	7722858	237	-82	90	96	100
MI21RC02	415939	7722807	241	-78	82	88	95
MI21RC03	416316	7724444	248	-55	81	87	100
MI21RC04	416387	7724453	245	-55	83	89	95
MI21RC05	416337	7724695	250	-55	83	89	94
MI21RC06	416388	7724697	248	-55	83	89	100
MI21RC07	416450	7724700	250	-55	83	89	89

**Table 2: MI21RC01-07 notable intersections**

HOLE ID	FROM	INTERVAL (m)	Cu %	Co %	Au g/t
MI21RC01	46	3	0.48	0.03	0.29
MI21RC01	56	17	0.33	0.08	0.12
<b>MI21RC01</b>	<b>80</b>	<b>16</b>	<b>1.07</b>	<b>0.26</b>	<b>0.4</b>
<i>including</i>	<b>82</b>	<b>5</b>	<b>2.92</b>	<b>0.5</b>	<b>1.19</b>
<i>and</i>	91	1	0.12	0.5	0.02
MI21RC02	41	2	0.07	0.29	0.07
MI21RC02	45	1	0.33	0.02	0.18
MI21RC02	64	16	0.34	0.06	0.06
MI21RC02	84	3	0.59	0.14	0.02
MI21RC03	18	7	0.30	<0.01	<0.01
MI21RC03	24	1	0.35	<0.01	<0.01
MI21RC03	30	1	0.21	<0.01	<0.01
MI21RC03	67	1	0.01	0.10	<0.01
MI21RC04	-	-	-	-	-
MI21RC05	20	1	0.28	<0.01	<0.01
MI21RC05	54	1	0.29	<0.01	<0.01
<b>MI21RC05</b>	<b>62</b>	<b>8</b>	<b>0.76</b>	<b>&lt;0.01</b>	<b>&lt;0.01</b>
inc	67	1	1.50	<0.01	<0.01
MI21RC05	75	4	0.29	<0.01	<0.01
MI21RC06*	1	5	0.29	<0.01	<0.01
MI21RC06*	11	13	0.32	0.01	<0.01
MI21RC07	59	1	0.21	0.01	<0.01

NOTE: 0.2% Cu cut-off, 3m maximum internal dilution unless indicated by\*. \*within 24m @ 0.27% Cu from 0m (with 5m <0.2% Cu). Co values >0.2% listed outside Cu% cut-off ranges. All results reported are downhole intervals and interpreted 70-75% true width. MI21RC01-02 results (shaded) previously reported to ASX 8/9/21.

## The Millennium Project

The Millennium Project is a significant advanced copper-cobalt-gold (Cu-Co-Au) project with a large defined zone of copper-cobalt mineralisation that remains open for expansion at depth and along strike. Copper-cobalt mineralisation is associated with shear zones hosted within a sequence of volcanic and sedimentary units.

The Millennium Project is strategically located on granted mining leases, less than 20 km from the Rocklands mine site and processing facility and within the economic and infrastructure hub of Mount Isa, Queensland. The Mt. Isa Mineral Province is recognized as a world-class mining region, with more than a quarter of the world's lead and zinc reserves, 5% of the world's silver resources and 1.5% of the world's copper resources.

The Project presents as an excellent opportunity to acquire a copper-cobalt asset of significant size with potential to expand mineralisation. Processing solutions and excellent infrastructure exist within the Mount Isa region of Queensland.

Hammer Metals Ltd (ASX: HMX) ('**Hammer Metals**') announced a maiden JORC (2012) resource in 2016 on the Millennium Project<sup>8</sup> completed by Haren Consulting, comprised of an Inferred Resource of 5.89 million tonnes @ 1.08 CuEq (using CuEq cutoff of 0.7%), summarised in Table 2 below. The copper equivalent (CuEq) calculation for the Resource was based solely on commodity prices using the following prices: Cu: US\$4,600/t; Co: US\$27,000/t; Au: US\$1,330/oz; and Ag: US\$20/oz.

**Table 3: Millennium JORC (2012) Resource**

Cu Eq Cut-off	Tonnes	CuEq (%)	Cu (%)	Co (%)	Au (ppm)
1.00%	3,070,000	1.29	0.35	0.14	0.12
0.70%	5,890,000	1.08	0.32	0.11	0.11

## Authorised by the Board

### For further information contact:

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<sup>8</sup> HMX ASX Announcement dated 6 December 2016 "Millennium Mineral Resource Estimate"



### **Competent Persons Statement**

*The information in this announcement that relates to Exploration Results and Exploration Target statements is based on information compiled or reviewed by Mr Rhys Davies. The Company is not aware of any new information or data that materially affects the information included in referenced ASX Releases and in the case of reported Mineral Resources, all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. Mr Davies is a Member of The Australasian Institute of Geoscientists and is a contractor to the Company. Mr Davies has sufficient experience which is relevant to the style of mineralisation and type of deposit 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 Davies consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears. The Exploration Targets described in this announcement are conceptual in nature and there is insufficient information to establish whether further exploration will result in the determination of Mineral Resources.*

*The information in this announcement that relates to exploration results and Mineral Resources and Ore Reserves for the Millennium Project was prepared and reported in accordance with the ASX Announcements and GEMC News Releases referenced in this announcement. The information in this announcement that relates to Mineral Resources of the Millennium Project is based on information compiled by Ms Elizabeth Haren, a Competent Person who is a Member and Chartered Professional of the Australasian Institute of Mining and Metallurgy and a full time employee of Haren Consulting Pty Ltd. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant ASX announcements and News Releases. In the case of Mineral Resource estimates and Ore Reserve estimates, all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original ASX announcements or News Releases.*

### **About Metal Bank**

MBK's core focus is creating value through a combination of exploration success and quality project acquisition. The company's key projects are the 8 Mile and Eidsvold gold projects and the recently granted Wild Irishman project, situated in the northern New England Fold Belt of central Queensland, which also hosts the Cracow (3 Moz Au), Mt Rawdon (2 Moz Au), Mt Morgan (8 Moz Au, 0.4Mt Cu) and Gympie (5 Moz Au) gold deposits. 8 Mile and Eidsvold are both associated with historical goldfields and represent intrusion related gold systems (IRGS) with multi-million-ounce upside (Figure 1).

The Company is committed to a strategy of diversification and growth through identification of new exploration opportunities which complement its existing portfolio and pursuit of other opportunities to diversify the Company's assets through acquisition of advanced projects or cash-flow generating assets to assist with funding of the exploration portfolio.

In pursuit of this strategy, the Company has entered into an exclusive option agreement over the Millennium copper-cobalt project near Mt Isa. The Company is also actively reviewing other new opportunities within Australia with a number of third parties under confidentiality arrangements. In addition, the Company is continuing to work with government and stakeholders in the MENA region with a view to securing an advanced copper exploration project.

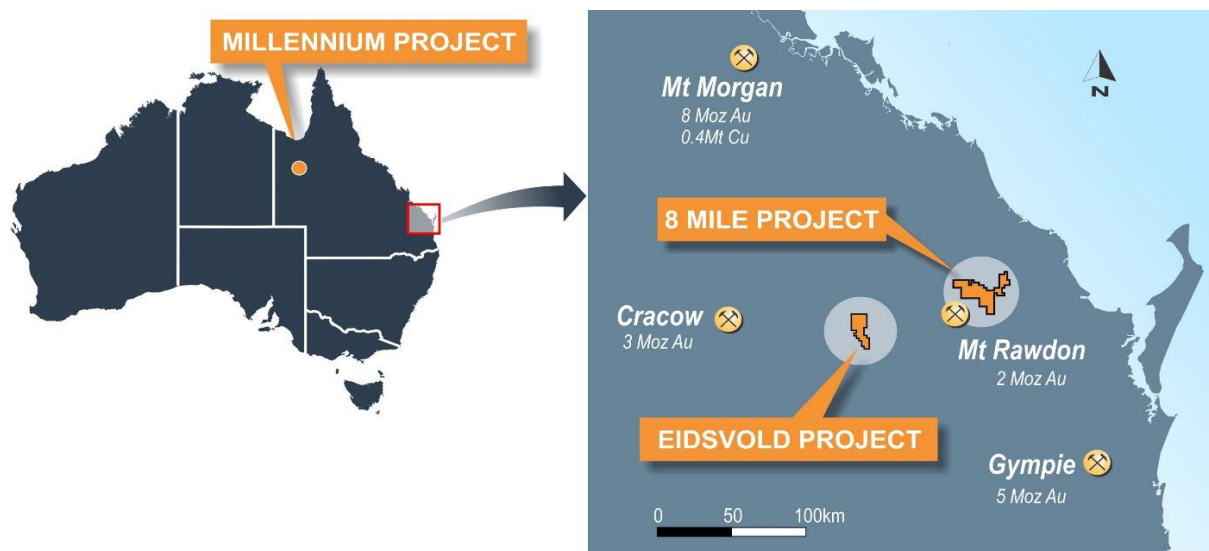


Figure 5: Metal Bank Projects in Queensland

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Inés Scotland (Non-Executive Chairperson)	Metal Bank Limited Suite 506, Level 5 50 Clarence Street Sydney NSW 2000 AUSTRALIA
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Trevor Wright (Technical Advisor)	Email: <a href="mailto:hello@automic.com.au">hello@automic.com.au</a> Web site: <a href="http://www.automic.com.au">www.automic.com.au</a>
	Please direct all shareholding enquiries to the share registry.

## APPENDIX 1: DRILL HOLE ASSAY RESULTS

HOLE_ID	FROM	TO	INT (m)	Cu ppm	Co ppm	Au g/t
MI21RC03	0	1	1	80	20	<0.01
MI21RC03	1	2	1	70	10	0.01
MI21RC03	2	3	1	120	20	0.01
MI21RC03	3	4	1	550	20	<0.01
<b>MI21RC03</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>2140</b>	<b>20</b>	<b>&lt;0.01</b>
MI21RC03	5	6	1	1390	20	<0.01
MI21RC03	6	7	1	1110	20	<0.01
MI21RC03	7	8	1	1280	20	<0.01
MI21RC03	8	9	1	850	20	<0.01
MI21RC03	9	10	1	610	30	<0.01
MI21RC03	10	11	1	690	40	<0.01
MI21RC03	11	12	1	1460	40	<0.01
MI21RC03	12	13	1	690	20	<0.01
MI21RC03	13	14	1	560	30	<0.01
MI21RC03	14	15	1	400	20	<0.01
MI21RC03	15	16	1	600	10	<0.01
MI21RC03	16	17	1	590	10	<0.01
MI21RC03	17	18	1	1270	20	<0.01
<b>MI21RC03</b>	<b>18</b>	<b>19</b>	<b>1</b>	<b>4850</b>	<b>20</b>	<b>&lt;0.01</b>
<b>MI21RC03</b>	<b>19</b>	<b>20</b>	<b>1</b>	<b>5200</b>	<b>30</b>	<b>&lt;0.01</b>
<b>MI21RC03</b>	<b>20</b>	<b>21</b>	<b>1</b>	<b>2700</b>	<b>10</b>	<b>&lt;0.01</b>
<b>MI21RC03</b>	<b>21</b>	<b>22</b>	<b>1</b>	<b>3270</b>	<b>30</b>	<b>&lt;0.01</b>
MI21RC03	22	23	1	280	30	<0.01
MI21RC03	23	24	1	950	10	<0.01
<b>MI21RC03</b>	<b>24</b>	<b>25</b>	<b>1</b>	<b>3490</b>	<b>10</b>	<b>&lt;0.01</b>
MI21RC03	25	26	1	250	30	<0.01
MI21RC03	26	27	1	640	40	<0.01
MI21RC03	27	28	1	140	10	<0.01
MI21RC03	28	29	1	220	40	0.01
MI21RC03	29	30	1	1000	20	<0.01
<b>MI21RC03</b>	<b>30</b>	<b>31</b>	<b>1</b>	<b>2060</b>	<b>20</b>	<b>&lt;0.01</b>
MI21RC03	31	32	1	1700	30	<0.01
MI21RC03	32	33	1	690	20	0.01
MI21RC03	33	34	1	170	20	<0.01
MI21RC03	34	35	1	240	30	<0.01
MI21RC03	35	36	1	130	20	0.01
MI21RC03	36	37	1	180	40	<0.01
MI21RC03	37	38	1	60	30	0.01
MI21RC03	38	39	1	110	30	<0.01
MI21RC03	39	40	1	90	30	<0.01
MI21RC03	40	41	1	30	20	<0.01
MI21RC03	41	42	1	30	20	<0.01
MI21RC03	42	43	1	10	10	<0.01

MI21RC03	43	44	1	20	10	<0.01
MI21RC03	44	45	1	140	20	<0.01
MI21RC03	45	46	1	70	20	<0.01
MI21RC03	46	47	1	30	10	<0.01
MI21RC03	47	48	1	10	50	<0.01
MI21RC03	48	49	1	40	20	<0.01
MI21RC03	49	50	1	100	20	<0.01
MI21RC03	50	51	1	30	20	<0.01
MI21RC03	51	52	1	90	20	<0.01
MI21RC03	52	53	1	50	30	<0.01
MI21RC03	53	54	1	60	20	<0.01
MI21RC03	54	55	1	40	50	<0.01
MI21RC03	55	56	1	100	30	<0.01
MI21RC03	56	57	1	40	30	<0.01
MI21RC03	57	58	1	140	50	0.01
MI21RC03	58	59	1	260	20	<0.01
MI21RC03	59	60	1	100	10	<0.01
MI21RC03	60	61	1	330	20	<0.01
MI21RC03	61	62	1	10	20	<0.01
MI21RC03	62	63	1	<10	110	<0.01
MI21RC03	63	64	1	<10	80	<0.01
MI21RC03	64	65	1	<10	110	<0.01
MI21RC03	65	66	1	<10	130	<0.01
MI21RC03	66	67	1	10	320	<0.01
MI21RC03	67	68	1	100	950	0.01
MI21RC03	68	69	1	100	180	<0.01
MI21RC03	69	70	1	20	170	<0.01
MI21RC03	70	71	1	20	80	<0.01
MI21RC03	71	72	1	30	70	<0.01
MI21RC03	72	73	1	60	230	0.01
MI21RC03	73	74	1	10	30	<0.01
MI21RC03	74	75	1	40	60	<0.01
MI21RC03	75	76	1	10	10	<0.01
MI21RC03	76	77	1	20	20	<0.01
MI21RC03	77	78	1	10	10	<0.01
MI21RC03	78	79	1	140	20	<0.01
MI21RC03	79	80	1	70	10	<0.01
MI21RC03	80	81	1	60	20	<0.01
MI21RC03	81	82	1	50	10	<0.01
MI21RC03	82	83	1	100	10	<0.01
MI21RC03	83	84	1	50	10	0.01
MI21RC03	84	85	1	70	20	0.01
MI21RC03	85	86	1	90	20	0.01
MI21RC03	86	87	1	90	20	<0.01
MI21RC03	87	88	1	80	30	<0.01
MI21RC03	88	89	1	60	10	<0.01

MI21RC03	89	90	1	120	20	<0.01
MI21RC03	90	91	1	90	20	<0.01
MI21RC03	91	92	1	220	30	<0.01
MI21RC03	92	93	1	1110	60	0.01
MI21RC03	93	94	1	1130	50	0.01
MI21RC03	94	95	1	500	40	0.02
MI21RC03	95	96	1	220	30	0.02
MI21RC03	96	97	1	270	20	0.03
MI21RC03	97	98	1	160	20	<0.01
MI21RC03	98	99	1	100	30	0.01
MI21RC03	99	100	1	260	50	0.03
MI21RC04	0	1	1	60	30	0.01
MI21RC04	1	2	1	80	40	0.02
MI21RC04	2	3	1	70	40	0.01
MI21RC04	3	4	1	40	60	0.01
MI21RC04	4	5	1	30	150	0.01
MI21RC04	5	6	1	30	210	0.01
MI21RC04	6	7	1	50	270	0.01
MI21RC04	7	8	1	40	130	<0.01
MI21RC04	8	9	1	70	50	<0.01
MI21RC04	9	10	1	100	40	<0.01
MI21RC04	10	11	1	160	60	<0.01
MI21RC04	11	12	1	190	60	<0.01
MI21RC04	12	13	1	100	20	<0.01
MI21RC04	13	14	1	510	110	<0.01
MI21RC04	14	15	1	790	80	<0.01
MI21RC04	15	16	1	980	120	<0.01
MI21RC04	16	17	1	240	30	<0.01
MI21RC04	17	18	1	200	40	<0.01
MI21RC04	18	19	1	290	70	0.02
MI21RC04	19	20	1	220	50	0.01
MI21RC04	20	21	1	280	30	<0.01
MI21RC04	21	22	1	260	60	<0.01
MI21RC04	22	23	1	500	90	0.02
MI21RC04	23	24	1	120	70	0.01
MI21RC04	24	25	1	180	60	<0.01
MI21RC04	25	26	1	300	60	<0.01
MI21RC04	26	27	1	220	30	0.01
MI21RC04	27	28	1	200	30	<0.01
MI21RC04	28	29	1	230	30	<0.01
MI21RC04	29	30	1	230	20	0.02
MI21RC04	30	31	1	160	10	<0.01
MI21RC04	31	32	1	110	20	0.02
MI21RC04	32	33	1	180	20	0.02
MI21RC04	33	34	1	170	10	0.01
MI21RC04	34	35	1	160	20	0.01

MI21RC04	35	36	1	220	10	<0.01
MI21RC04	36	37	1	190	20	<0.01
MI21RC04	37	38	1	160	10	<0.01
MI21RC04	38	39	1	250	10	<0.01
MI21RC04	39	40	1	260	10	<0.01
MI21RC04	40	41	1	200	20	0.01
MI21RC04	41	42	1	240	10	0.01
MI21RC04	42	43	1	190	10	0.02
MI21RC04	43	44	1	430	20	<0.01
MI21RC04	44	45	1	180	20	0.01
MI21RC04	45	46	1	510	70	0.01
MI21RC04	46	47	1	1740	50	0.01
MI21RC04	47	48	1	120	10	0.01
MI21RC04	48	49	1	110	10	0.01
MI21RC04	49	50	1	90	20	0.01
MI21RC04	50	51	1	70	40	0.01
MI21RC04	51	52	1	80	10	<0.01
MI21RC04	52	53	1	20	20	0.01
MI21RC04	53	54	1	150	20	<0.01
MI21RC04	54	55	1	400	10	0.01
MI21RC04	55	56	1	290	20	<0.01
MI21RC04	56	57	1	140	20	<0.01
MI21RC04	57	58	1	10	10	<0.01
MI21RC04	58	59	1	20	<10	0.01
MI21RC04	59	60	1	20	10	0.01
MI21RC04	60	61	1	20	10	0.01
MI21RC04	61	62	1	30	10	<0.01
MI21RC04	62	63	1	10	20	0.01
MI21RC04	63	64	1	40	10	<0.01
MI21RC04	64	65	1	10	<10	<0.01
MI21RC04	65	66	1	20	10	<0.01
MI21RC04	66	67	1	10	<10	<0.01
MI21RC04	67	68	1	50	10	0.01
MI21RC04	68	69	1	80	20	0.01
MI21RC04	69	70	1	70	10	<0.01
MI21RC04	70	71	1	100	10	0.01
MI21RC04	71	72	1	50	10	0.01
MI21RC04	72	73	1	30	<10	<0.01
MI21RC04	73	74	1	40	10	<0.01
MI21RC04	74	75	1	70	20	<0.01
MI21RC04	75	76	1	80	20	0.01
MI21RC04	76	77	1	410	<10	0.01
MI21RC04	77	78	1	30	20	<0.01
MI21RC04	78	79	1	40	10	<0.01
MI21RC04	79	80	1	40	10	<0.01
MI21RC04	80	81	1	20	10	0.02



MI21RC04	81	82	1	30	30	<0.01
MI21RC04	82	83	1	30	20	0.02
MI21RC04	83	84	1	40	20	<0.01
MI21RC04	84	85	1	10	10	0.01
MI21RC04	85	86	1	10	10	0.01
MI21RC04	86	87	1	10	10	<0.01
MI21RC04	87	88	1	50	10	<0.01
MI21RC04	88	89	1	30	10	<0.01
MI21RC04	89	90	1	40	10	<0.01
MI21RC04	90	91	1	10	10	<0.01
MI21RC04	91	92	1	20	10	0.01
MI21RC04	92	93	1	<10	20	<0.01
MI21RC04	93	94	1	10	20	<0.01
MI21RC04	94	95	1	20	20	<0.01
MI21RC05	0	1	1	330	20	0.01
MI21RC05	1	2	1	260	10	0.01
MI21RC05	2	3	1	260	10	0.01
MI21RC05	3	4	1	250	10	0.01
MI21RC05	4	5	1	260	<10	0.01
MI21RC05	5	6	1	180	10	<0.01
MI21RC05	6	7	1	210	10	<0.01
MI21RC05	7	8	1	160	<10	<0.01
MI21RC05	8	9	1	100	10	<0.01
MI21RC05	9	10	1	100	10	<0.01
MI21RC05	10	11	1	300	30	<0.01
MI21RC05	11	12	1	80	<10	<0.01
MI21RC05	12	13	1	130	10	<0.01
MI21RC05	13	14	1	160	20	<0.01
MI21RC05	14	15	1	190	20	<0.01
MI21RC05	15	16	1	130	<10	<0.01
MI21RC05	16	17	1	130	<10	<0.01
MI21RC05	17	18	1	570	10	0.03
MI21RC05	18	19	1	740	20	0.01
MI21RC05	19	20	1	1530	10	<0.01
<b>MI21RC05</b>	<b>20</b>	<b>21</b>	<b>1</b>	<b>2760</b>	<b>&lt;10</b>	<b>&lt;0.01</b>
MI21RC05	21	22	1	1940	20	<0.01
MI21RC05	22	23	1	800	10	<0.01
MI21RC05	23	24	1	440	10	<0.01
MI21RC05	24	25	1	140	10	<0.01
MI21RC05	25	26	1	90	10	<0.01
MI21RC05	26	27	1	70	10	<0.01
MI21RC05	27	28	1	70	10	<0.01
MI21RC05	28	29	1	80	20	<0.01
MI21RC05	29	30	1	60	10	<0.01
MI21RC05	30	31	1	80	20	<0.01
MI21RC05	31	32	1	90	10	<0.01

MI21RC05	32	33	1	50	10	<0.01
MI21RC05	33	34	1	50	10	<0.01
MI21RC05	34	35	1	40	10	<0.01
MI21RC05	35	36	1	60	10	<0.01
MI21RC05	36	37	1	60	10	<0.01
MI21RC05	37	38	1	70	10	<0.01
MI21RC05	38	39	1	100	10	<0.01
MI21RC05	39	40	1	70	10	<0.01
MI21RC05	40	41	1	20	10	<0.01
MI21RC05	41	42	1	20	10	<0.01
MI21RC05	42	43	1	10	<10	<0.01
MI21RC05	43	44	1	20	10	<0.01
MI21RC05	44	45	1	20	10	<0.01
MI21RC05	45	46	1	20	10	<0.01
MI21RC05	46	47	1	10	10	<0.01
MI21RC05	47	48	1	30	10	<0.01
MI21RC05	48	49	1	20	10	<0.01
MI21RC05	49	50	1	130	20	<0.01
MI21RC05	50	51	1	270	40	<0.01
MI21RC05	51	52	1	110	20	<0.01
MI21RC05	52	53	1	170	20	<0.01
MI21RC05	53	54	1	460	10	<0.01
<b>MI21RC05</b>	<b>54</b>	<b>55</b>	<b>1</b>	<b>2880</b>	<b>20</b>	<b>&lt;0.01</b>
MI21RC05	55	56	1	500	30	<0.01
MI21RC05	56	57	1	280	30	<0.01
MI21RC05	57	58	1	240	30	<0.01
MI21RC05	58	59	1	280	30	<0.01
MI21RC05	59	60	1	210	30	<0.01
MI21RC05	60	61	1	280	50	<0.01
MI21RC05	61	62	1	320	40	<0.01
<b>MI21RC05</b>	<b>62</b>	<b>63</b>	<b>1</b>	<b>8590</b>	<b>50</b>	<b>&lt;0.01</b>
<b>MI21RC05</b>	<b>63</b>	<b>64</b>	<b>1</b>	<b>7690</b>	<b>40</b>	<b>&lt;0.01</b>
<b>MI21RC05</b>	<b>64</b>	<b>65</b>	<b>1</b>	<b>4940</b>	<b>10</b>	<b>&lt;0.01</b>
<b>MI21RC05</b>	<b>65</b>	<b>66</b>	<b>1</b>	<b>9120</b>	<b>20</b>	<b>&lt;0.01</b>
<b>MI21RC05</b>	<b>66</b>	<b>67</b>	<b>1</b>	<b>8180</b>	<b>10</b>	<b>&lt;0.01</b>
<b>MI21RC05</b>	<b>67</b>	<b>68</b>	<b>1</b>	<b>15000</b>	<b>10</b>	<b>&lt;0.01</b>
<b>MI21RC05</b>	<b>68</b>	<b>69</b>	<b>1</b>	<b>4930</b>	<b>10</b>	<b>&lt;0.01</b>
<b>MI21RC05</b>	<b>69</b>	<b>70</b>	<b>1</b>	<b>2430</b>	<b>20</b>	<b>&lt;0.01</b>
MI21RC05	70	71	1	1810	10	<0.01
MI21RC05	71	72	1	1080	10	<0.01
MI21RC05	72	73	1	750	10	<0.01
MI21RC05	73	74	1	1860	30	<0.01
MI21RC05	74	75	1	1570	30	<0.01
<b>MI21RC05</b>	<b>75</b>	<b>76</b>	<b>1</b>	<b>2080</b>	<b>20</b>	<b>&lt;0.01</b>
<b>MI21RC05</b>	<b>76</b>	<b>77</b>	<b>1</b>	<b>3060</b>	<b>20</b>	<b>&lt;0.01</b>
<b>MI21RC05</b>	<b>77</b>	<b>78</b>	<b>1</b>	<b>2970</b>	<b>10</b>	<b>&lt;0.01</b>

<b>MI21RC05</b>	<b>78</b>	<b>79</b>	<b>1</b>	<b>3450</b>	<b>40</b>	<b>&lt;0.01</b>
MI21RC05	79	80	1	410	20	<0.01
MI21RC05	80	81	1	310	40	<0.01
MI21RC05	81	82	1	280	10	<0.01
MI21RC05	82	83	1	980	50	<0.01
MI21RC05	83	84	1	300	20	<0.01
MI21RC05	84	85	1	450	20	<0.01
MI21RC05	85	86	1	240	20	<0.01
MI21RC05	86	87	1	410	30	<0.01
MI21RC05	87	88	1	250	30	<0.01
MI21RC05	88	89	1	440	10	<0.01
MI21RC05	89	90	1	410	20	<0.01
MI21RC05	90	91	1	580	20	<0.01
MI21RC05	91	92	1	480	10	<0.01
MI21RC05	92	93	1	1590	30	<0.01
MI21RC05	93	94	1	320	20	<0.01
MI21RC06	0	1	1	1540	10	<0.01
<b>MI21RC06</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2400</b>	<b>10</b>	<b>&lt;0.01</b>
<b>MI21RC06</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2470</b>	<b>10</b>	<b>&lt;0.01</b>
<b>MI21RC06</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>5060</b>	<b>10</b>	<b>&lt;0.01</b>
<b>MI21RC06</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>2240</b>	<b>20</b>	<b>&lt;0.01</b>
<b>MI21RC06</b>	<b>5</b>	<b>6</b>	<b>1</b>	<b>2220</b>	<b>10</b>	<b>&lt;0.01</b>
MI21RC06	6	7	1	1570	20	<0.01
MI21RC06	7	8	1	1970	10	<0.01
MI21RC06	8	9	1	1950	60	<0.01
MI21RC06	9	10	1	1360	10	<0.01
MI21RC06	10	11	1	1340	30	<0.01
<b>MI21RC06</b>	<b>11</b>	<b>12</b>	<b>1</b>	<b>2120</b>	<b>80</b>	<b>&lt;0.01</b>
<b>MI21RC06</b>	<b>12</b>	<b>13</b>	<b>1</b>	<b>2580</b>	<b>50</b>	<b>&lt;0.01</b>
<b>MI21RC06</b>	<b>13</b>	<b>14</b>	<b>1</b>	<b>3560</b>	<b>60</b>	<b>0.01</b>
<b>MI21RC06</b>	<b>14</b>	<b>15</b>	<b>1</b>	<b>3340</b>	<b>40</b>	<b>&lt;0.01</b>
<b>MI21RC06</b>	<b>15</b>	<b>16</b>	<b>1</b>	<b>3450</b>	<b>40</b>	<b>&lt;0.01</b>
<b>MI21RC06</b>	<b>16</b>	<b>17</b>	<b>1</b>	<b>4080</b>	<b>30</b>	<b>&lt;0.01</b>
<b>MI21RC06</b>	<b>17</b>	<b>18</b>	<b>1</b>	<b>6430</b>	<b>160</b>	<b>0.01</b>
<b>MI21RC06</b>	<b>18</b>	<b>19</b>	<b>1</b>	<b>3630</b>	<b>110</b>	<b>0.01</b>
<b>MI21RC06</b>	<b>19</b>	<b>20</b>	<b>1</b>	<b>2150</b>	<b>30</b>	<b>&lt;0.01</b>
MI21RC06	20	21	1	1580	30	<0.01
<b>MI21RC06</b>	<b>21</b>	<b>22</b>	<b>1</b>	<b>2290</b>	<b>40</b>	<b>&lt;0.01</b>
<b>MI21RC06</b>	<b>22</b>	<b>23</b>	<b>1</b>	<b>3900</b>	<b>60</b>	<b>&lt;0.01</b>
<b>MI21RC06</b>	<b>23</b>	<b>24</b>	<b>1</b>	<b>2300</b>	<b>50</b>	<b>&lt;0.01</b>
MI21RC06	24	25	1	710	20	<0.01
MI21RC06	25	26	1	460	30	<0.01
MI21RC06	26	27	1	440	20	0.01
MI21RC06	27	28	1	460	20	<0.01
MI21RC06	28	29	1	520	110	<0.01
MI21RC06	29	30	1	290	20	<0.01

MI21RC06	30	31	1	250	20	<0.01
MI21RC06	31	32	1	240	20	<0.01
MI21RC06	32	33	1	200	60	<0.01
MI21RC06	33	34	1	400	20	0.01
MI21RC06	34	35	1	180	10	<0.01
MI21RC06	35	36	1	550	20	<0.01
MI21RC06	36	37	1	250	20	<0.01
MI21RC06	37	38	1	70	30	<0.01
MI21RC06	38	39	1	140	20	<0.01
MI21RC06	39	40	1	70	10	<0.01
MI21RC06	40	41	1	130	10	0.01
MI21RC06	41	42	1	450	20	<0.01
MI21RC06	42	43	1	640	50	0.01
MI21RC06	43	44	1	700	80	<0.01
MI21RC06	44	45	1	450	30	0.01
MI21RC06	45	46	1	440	50	<0.01
MI21RC06	46	47	1	390	30	<0.01
MI21RC06	47	48	1	240	40	0.01
MI21RC06	48	49	1	410	40	<0.01
MI21RC06	49	50	1	390	40	<0.01
MI21RC06	50	51	1	350	20	<0.01
MI21RC06	51	52	1	400	40	0.01
MI21RC06	52	53	1	270	30	<0.01
MI21RC06	53	54	1	260	40	<0.01
MI21RC06	54	55	1	350	50	<0.01
MI21RC06	55	56	1	340	70	<0.01
MI21RC06	56	57	1	340	50	0.01
MI21RC06	57	58	1	220	30	0.01
MI21RC06	58	59	1	310	40	0.01
MI21RC06	59	60	1	500	40	0.01
MI21RC06	60	61	1	650	100	0.01
MI21RC06	61	62	1	240	20	<0.01
MI21RC06	62	63	1	930	190	0.01
MI21RC06	63	64	1	340	30	0.01
MI21RC06	64	65	1	370	30	<0.01
MI21RC06	65	66	1	300	20	0.01
MI21RC06	66	67	1	480	30	0.01
MI21RC06	67	68	1	450	20	0.01
MI21RC06	68	69	1	320	30	0.01
MI21RC06	69	70	1	270	20	0.01
MI21RC06	70	71	1	210	10	0.01
MI21RC06	71	72	1	600	30	<0.01
MI21RC06	72	73	1	380	20	<0.01
MI21RC06	73	74	1	680	40	<0.01
MI21RC06	74	75	1	740	50	0.01
MI21RC06	75	76	1	290	30	0.01

MI21RC06	76	77	1	490	80	<0.01
MI21RC06	77	78	1	200	20	<0.01
MI21RC06	78	79	1	310	20	<0.01
MI21RC06	79	80	1	280	20	<0.01
MI21RC06	80	81	1	170	10	<0.01
MI21RC06	81	82	1	200	50	<0.01
MI21RC06	82	83	1	390	40	<0.01
MI21RC06	83	84	1	440	40	<0.01
MI21RC06	84	85	1	640	90	0.01
MI21RC06	85	86	1	640	40	0.01
MI21RC06	86	87	1	340	60	<0.01
MI21RC06	87	88	1	340	60	0.01
MI21RC06	88	89	1	260	30	<0.01
MI21RC06	89	90	1	250	50	<0.01
MI21RC06	90	91	1	220	40	<0.01
MI21RC06	91	92	1	110	20	<0.01
MI21RC06	92	93	1	210	20	<0.01
MI21RC06	93	94	1	150	40	<0.01
MI21RC06	94	95	1	170	30	<0.01
MI21RC06	95	96	1	50	20	<0.01
MI21RC06	96	97	1	100	20	<0.01
MI21RC06	97	98	1	90	20	0.01
MI21RC06	98	99	1	70	20	<0.01
MI21RC06	99	100	1	150	40	<0.01
MI21RC07	0	1	1	210	30	<0.01
MI21RC07	1	2	1	150	20	<0.01
MI21RC07	2	3	1	120	10	0.01
MI21RC07	3	4	1	150	20	0.01
MI21RC07	4	5	1	130	20	0.01
MI21RC07	5	6	1	240	30	0.01
MI21RC07	6	7	1	400	50	<0.01
MI21RC07	7	8	1	180	40	<0.01
MI21RC07	8	9	1	200	40	0.01
MI21RC07	9	10	1	220	40	0.01
MI21RC07	10	11	1	200	40	0.01
MI21RC07	11	12	1	260	30	0.02
MI21RC07	12	13	1	320	70	<0.01
MI21RC07	13	14	1	340	60	0.01
MI21RC07	14	15	1	330	60	0.01
MI21RC07	15	16	1	200	30	0.01
MI21RC07	16	17	1	270	20	0.01
MI21RC07	17	18	1	170	<10	0.01
MI21RC07	18	19	1	160	<10	0.01
MI21RC07	19	20	1	320	10	<0.01
MI21RC07	20	21	1	340	20	0.01
MI21RC07	21	22	1	290	30	<0.01

MI21RC07	22	23	1	210	90	<0.01
MI21RC07	23	24	1	180	10	0.01
MI21RC07	24	25	1	140	10	<0.01
MI21RC07	25	26	1	250	20	<0.01
MI21RC07	26	27	1	210	20	<0.01
MI21RC07	27	28	1	280	20	0.01
MI21RC07	28	29	1	220	20	<0.01
MI21RC07	29	30	1	90	10	<0.01
MI21RC07	30	31	1	100	10	<0.01
MI21RC07	31	32	1	110	20	<0.01
MI21RC07	32	33	1	170	30	0.02
MI21RC07	33	34	1	180	40	<0.01
MI21RC07	34	35	1	250	40	0.01
MI21RC07	35	36	1	270	40	<0.01
MI21RC07	36	37	1	410	20	<0.01
MI21RC07	37	38	1	130	20	<0.01
MI21RC07	38	39	1	150	20	<0.01
MI21RC07	39	40	1	210	30	<0.01
MI21RC07	40	41	1	160	10	<0.01
MI21RC07	41	42	1	190	10	<0.01
MI21RC07	42	43	1	190	20	<0.01
MI21RC07	43	44	1	80	20	<0.01
MI21RC07	44	45	1	110	20	<0.01
MI21RC07	45	46	1	90	20	0.01
MI21RC07	46	47	1	170	30	0.01
MI21RC07	47	48	1	600	50	<0.01
MI21RC07	48	49	1	380	70	<0.01
MI21RC07	49	50	1	350	60	<0.01
MI21RC07	50	51	1	260	50	0.01
MI21RC07	51	52	1	50	10	0.01
MI21RC07	52	53	1	90	20	<0.01
MI21RC07	53	54	1	100	20	<0.01
MI21RC07	54	55	1	40	10	<0.01
MI21RC07	55	56	1	40	20	<0.01
MI21RC07	56	57	1	90	20	0.01
MI21RC07	57	58	1	170	50	0.01
MI21RC07	58	59	1	610	120	0.01
<b>MI21RC07</b>	<b>59</b>	<b>60</b>	<b>1</b>	<b>2120</b>	<b>90</b>	<b>0.03</b>
MI21RC07	60	61	1	620	50	<0.01
MI21RC07	61	62	1	70	20	<0.01
MI21RC07	62	63	1	40	20	<0.01
MI21RC07	63	64	1	730	70	0.01
MI21RC07	64	65	1	180	30	<0.01
MI21RC07	65	66	1	210	30	0.01
MI21RC07	66	67	1	570	160	0.01
MI21RC07	67	68	1	700	50	<0.01



MI21RC07	68	69	1	720	170	0.01
MI21RC07	69	70	1	140	20	<0.01
MI21RC07	70	71	1	210	10	0.01
MI21RC07	71	72	1	90	10	<0.01
MI21RC07	72	73	1	340	60	<0.01
MI21RC07	73	74	1	930	360	0.01
MI21RC07	74	75	1	240	30	0.01
MI21RC07	75	76	1	310	40	0.02
MI21RC07	76	77	1	440	40	0.01
MI21RC07	77	78	1	500	30	<0.01
MI21RC07	78	79	1	80	10	0.01
MI21RC07	79	80	1	60	10	<0.01
MI21RC07	80	81	1	320	110	0.01
MI21RC07	81	82	1	130	20	0.01
MI21RC07	82	83	1	110	30	<0.01
MI21RC07	83	84	1	400	30	<0.01
MI21RC07	84	85	1	70	<10	0.01
MI21RC07	85	86	1	10	<10	0.01
MI21RC07	86	87	1	10	<10	<0.01
MI21RC07	87	88	1	10	<10	<0.01
MI21RC07	88	89	1	160	30	<0.01

# JORC Code, 2012 Edition – Table 1

## Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>Nature and quality of sampling (e.g. 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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>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 (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul style="list-style-type: none"> <li>5.5" Reverse circulation (RC) drilling was used to obtain chip samples for geological logging and assaying.</li> <li>The drill holes were sited to test geophysical targets/surface geochemical targets as well as previous drilling results</li> <li>1m RC samples were collected via a cyclone mounted rotary splitter for all samples.</li> <li>No composite samples were used.</li> <li>RC samples were submitted to ALS Mt Isa and sample preparation consisted of the drying of the sample, the entire sample being crushed to 70% passing 6mm and pulverized to 85% passing 75 microns in a ring and puck pulveriser. RC samples are assayed for gold by 50g fire assay with AAS finish. Multielement analysis is completed using an ICPAES analysis.</li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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.).</li> </ul>	<ul style="list-style-type: none"> <li>RC drilling used a 5.5" face sampling RC hammer and a</li> <li>UDR1200 multipurpose drill rig</li> </ul>
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>For RC sample recoveries of less than approximately 80% are noted in the geological/sampling log with a visual estimate of the actual recovery. Very few samples were recorded with recoveries of less than 80%. No wet RC samples were recovered.</li> <li>No relationship has been observed between sample recovery and grade.</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul style="list-style-type: none"> <li>Geological logging was carried out on all RC chips. This included lithology, alteration, sulphide percentages and vein percentages.</li> <li>Geological logging of alteration type, alteration intensity, vein type and textures, % of veining, and sulphide composition.</li> <li>All RC chip trays and all core trays are photographed.</li> <li>All drill holes are logged in full.</li> </ul>
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>1m primary RC samples were obtained using a cyclone mounted 87.5%:12.5% riffle splitter.</li> <li>No composite samples were taken</li> <li>Duplicated samples were collected in visual ore zones and at a frequency of at least 1 in 20.</li> <li>QAQC samples (standards / blanks) were submitted at a frequency of at least 1 in 20. Regular reviews of the sampling were carried out by the Exploration Manager to ensure all procedures were followed and best industry practice carried out. Sample sizes and preparation techniques are considered appropriate.</li> <li>The sample sizes are considered to be appropriate for the nature of mineralisation within the project area. Duplicate RC sampling concentrated on potentially mineralised intervals.</li> </ul>

Criteria	JORC Code explanation	Commentary
<b>Quality of data and laboratory tests</b>	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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..</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul>	<ul style="list-style-type: none"> <li>Thermo Scientific Niton XL2 950 GOLDD Hand held XRF used as field guide. No pXRF data reported.</li> <li>XRF sampling time is 60 seconds for heavy and light elements.</li> <li>Single reading per sample applied.</li> <li>RC samples were assayed for Au using 50g Au-AA26 fire assay which is considered appropriate for this style of mineralisation. Fire assay is considered total assay for gold.</li> <li>Multi-element analysis was conducted by standard ME-ICP61a protocol and considered appropriate for this style of mineralisation. It is considered a near-total assay for most relevant elements</li> <li>Monitoring of results of blanks and standards is conducted regularly. QAQC data is reviewed for bias prior to inclusion in any subsequent Mineral Resource estimate.</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>Significant intersections are routinely monitored through review of drill chip and drill core and by site visits when possible, by the Exploration Manager.</li> <li>Data is verified and checked in Micromine software.</li> <li>No drill holes have been twinned.</li> <li>Primary data is collected via paper and 'tough book' laptops in the field in self-validating data entry forms. Data is subsequently uploaded into a corporate database for further validation/checking and data management. All original files are stored as a digital record.</li> <li>No adjustments have been applied to assay data.</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>Drill hole collar locations are pegged and checked on completion via handheld GPS with +/-5m accuracy using existing LiDAR and regional DTM data and considered appropriate for this level of exploration work</li> <li>Drill hole collar locations are initially set out (and reported) using a handheld GPS with a location error of +/- 5m.</li> <li>All holes are pegged and will be accurately surveyed (x,y,z) at a later date.</li> <li>Down hole surveys were completed using an Axis Champ Gyro digital survey system at a maximum interval of 30m.</li> <li>All drilling is conducted on the MGA94 Zone 54 grid.</li> <li>A topographic survey of the project area has not been conducted.</li> </ul>
<b>Data Spacing and distribution</b>	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>Drill holes were sited to test along strike and down dip of previous drilling. Some drill holes have been collared off the same drill pads.</li> <li>The current drill hole spacing in some locations is of sufficient density to establish geological and grade continuity appropriate for a Mineral Resource. An updated mineral resource estimate will be considered once further drilling is completed.</li> <li>No sample compositing has been applied.</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Drilling is oriented to intersect known and interpreted structures as perpendicular as possible in the XY plane and in the XZ plan as required to either infill spacing vertically as required or transect the structure at best possible true widths</li> </ul>

Criteria	JORC Code explanation	Commentary
<b>Sample security</b>	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>Samples are delivered via MBK staff directly to ALS Mt Isa laboratory in sealed and zip-tied bags and bulk bags</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>The sampling techniques are regularly reviewed.</li> </ul>

## Section 2 – Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>The Millennium project consists of 5 granted ML's 2512, 2761, 2762, 7506 and 7507 which is 100% owned by Global Energy Metals Corporation (GEMC), a TSX-listed Canadian diversified battery metals company. Metal Bank Limited (MBK) has recently entered into a formal option agreement with GEMC to conduct due diligence on the Millennium Project regarding a potential earn-in and joint venture.</li> <li>A review of environmental maps at the time of application did not identify any significant environmental restricted areas.</li> </ul>
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>Several exploration companies have completed exploration work at Millennium in recent years including China Yunnan, Hammer Metals.</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<p>The MLs lie on the Cloncurry 1:100,000 map sheet.</p> <p>The Millennium Project is situated in the Quamby-Malbon Sub-province of the Eastern Succession of the Mt. Isa Inlier and lies within the predominantly metasedimentary Corella Formation of the Mary Kathleen Group</p> <p>The metasedimentary rocks locally comprise Milo Beds of the Tommy Creek Domain containing Palaeoproterozoic Cover Sequence 3 sediments and felsic and mafic igneous rocks with geochronological ages ranging from 1660 to 1610 Ma. The domain is underlain by Cover Sequence 2 Corella Formation belonging to the Mary Kathleen Domain (west) and Canobie Domain (east).</p> <p>The western margin is bordered by the Fountain Range/Quamby Fault system, a regionally extensive NNE-trending, dextral strike slip fault system that demarcates the Tommy Creek Domain from the Mary Kathleen Domain. A block of Quamby Conglomerate is situated immediately west of the Milo Beds, bound between the Quamby Fault to the east and the Fountain Range Fault to the west.</p> <p>In the vicinity of the Millennium Project area, the Fountain Range Fault has merged with the Pilgrim Fault, a regionally extensive NNE-trending, reverse to dextral strike slip fault system that hosts numerous mineral occurrences including the Kalman Cu, Au, Mo, Re deposit and the Tick Hill Au occurrences. The Pilgrim Fault is interpreted as an east dipping fault with a surface expression of multiple stacked east stepping, steeply west dipping shears.</p>
<b>Drill hole information</b>	<ul style="list-style-type: none"> <li>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: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>See Table 1 in document and document text</li> </ul>

	<ul style="list-style-type: none"> <li>○ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>○ dip and azimuth of the hole</li> <li>○ down hole length and interception depth</li> <li>○ hole length.</li> </ul>	
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high-grades) and cut-off grades are usually Material and should be stated.</li> <li>• 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.</li> <li>• The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>• Unless specified otherwise, a nominal 0.2% Cu lower cut-off has been applied incorporating up to 3m of continuous internal dilution below the reporting cut-off grade and minimum 1m downhole width used to highlight zones of mineralisation. Refer Table 2.</li> <li>• Where Cu is not present, a 0.3% Co value has been applied and reported independently</li> <li>• Where Cu and Co are not present, a 0.5g.t Au cut-off has been applied and reported independently</li> <li>• No metal equivalent values have been used for reporting MBK exploration results.</li> <li>• A CuEq% was utilised by Hammer Metals in the 2016 resource estimate with the following commodity prices: Cu: US\$4,600/t; Co: US\$27,000/t; Au: US\$1,330/oz; and Ag: US\$20/oz</li> </ul>
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>• These relationships are particularly important in the reporting of Exploration Results.</li> <li>• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>• If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>	<ul style="list-style-type: none"> <li>• Downhole observation results are listed only and interpreted as approximately 70-75% true width</li> <li>• The internal geometry of the mineralisation and grade distribution is not known in enough detail to determine the true width of the mineralisation.</li> <li>• However, in most cases a clear gross intersection angle between known mineralised structural corridor and drill hole orientation allows a reasonable estimation of interval true width should mineralisation match</li> <li>• Refer Table 1.</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• Refer to figures contained within this report showing the regional location of the drill holes and cross-sections.</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• All results are presented in figures and tables contained within this report.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• No other material data collected by Metal Bank Limited is presented in this report.</li> </ul>
<b>Further Work</b>	<ul style="list-style-type: none"> <li>• The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>• Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>• Further interpretation and review of the data will be completed in conjunction with upcoming drilling.</li> </ul>