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TWELFTH ANNUAL TECHNICAL REPORT DRAFT

FOR THE REPORTING PERIOD ENDING
18 April 2018

EL24817

ALICE SPRINGS PROJECT

ALICE SPRINGS (SF5314) 1:250 000 Map Sheets

RIDDOCH (5851) 1:100 000 Map Sheets

COMMODITIES: Base-metals, Iron Ore, Uranium, Cobalt and Rare Earths

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DISTRIBUTION

1. Department of Primary Industry and Resources
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Information in this report that relates to exploration activity and results was compiled under the guidance of James Patterson who is a Member of the Australasian Institute of Geoscientists. Mr Patterson has sufficient experience relevant to the styles of mineralization and to the activities which are being reported to qualify as a Competent Person as defined by the JORC code, 2004. Mr Patterson consents to the release of the information compiled in this report in the form and context in which it appears.

1. HISTORY

The Alice Springs tenement is in an area where low level historical mining has occurred and where there are analogous regional examples of copper, iron, uranium, base metals and precious metals mineralisation.

The Exploration License hosts one historical copper mine and many veins of copper mineralization. The gold and copper mineralised quartz reefs and veins are commonly pyritic and may also contain various amounts of chalcopyrite, silver and iron (magnetite).

Genesis's geological mapping, rock chip sampling, an AEM survey and Government mapping defined the Cadney Fault zone as prospective for copper, gold, silver, bismuth and uranium. This was confirmed by a partial leach geochemical survey undertaken in November 2011.

2. LOCATION AND ACCESS

The Alice Springs Project, EL24817, is located approximately 155 kilometres north east of Alice Springs in the Northern Territory (Figure 1). The tenement area is situated approximately 80 road kilometres along the Plenty Highway in the poly-metallic Harts Range Mineral Field. The tenement comprises two separate blocks; Alice Springs North West and Alice Springs South East. The north western block of the tenement is accessible from the Plenty Highway (approximately 80km east of the Stuart Highway). The south eastern block is accessible from Arltunga and Ambalindum Station. There is no connecting track between the two portions of the tenement as the Cattlewater Pass track is impassable.

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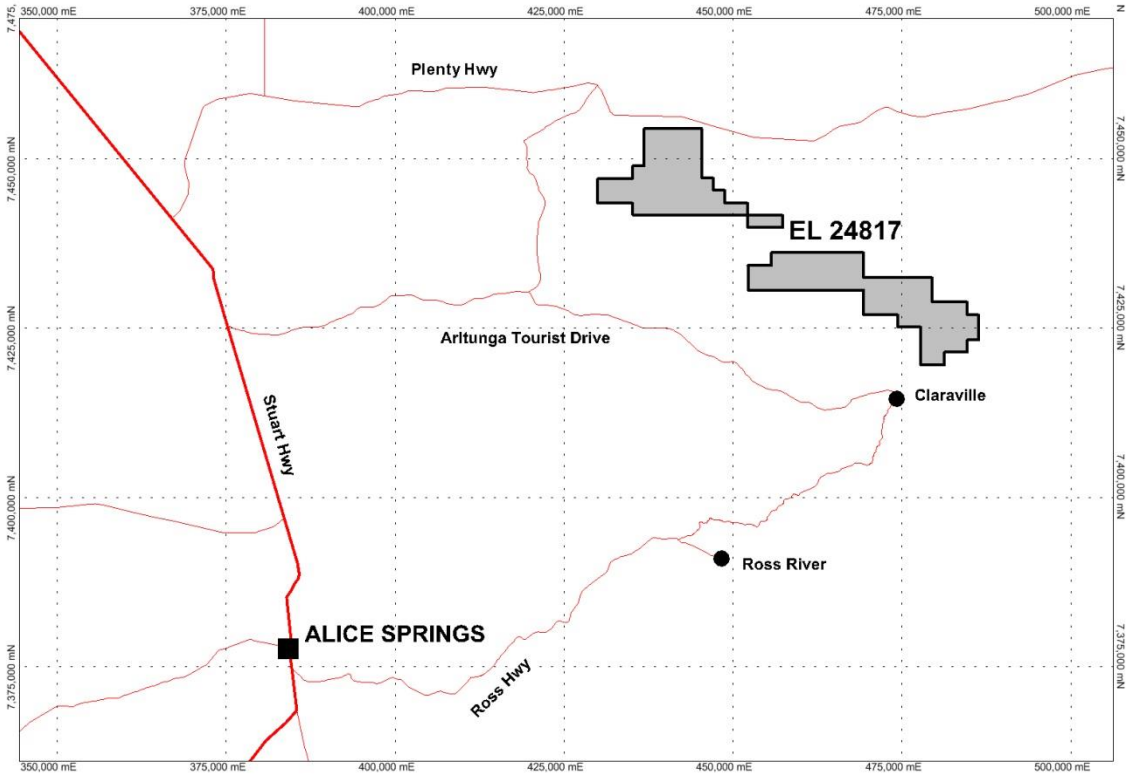
Figure 1: Location of Alice Springs Project EL24817



3. TENEMENT

The exploration licence (EL24817) tenement details are summarised in Table 1. It was granted to Genesis on 18th of April 2006 and has been renewed progressively until 17 April 2018. The project comprises one exploration license which covers 118 graticular blocks with a total area of 372.59 square kilometres. It is prospective for base-metals, gold, silver, iron, cobalt, uranium and rare earth elements.

Table 1: Tenement Summary

Project	Tenement Number	Status	Expire Date	Current Area		Current Holder
				Blocks	(sq km)	
Alice Springs	EL24817	Granted	17/04 2018	118	372.59 km^2	Genesis Resources Ltd

4. PREVIOUS EXPLORATION WORK

Various phases of geochemical sampling including soils, rock chip and stream sediment were conducted on the current tenement area, with the majority of this work attributed to Bogie (2003), Clarence River Finance Group (1992), Pasminco (Saxon,1996) and Oneva Exploration (Gregory, 2002). A detailed description of the previous work carried out on the license was presented in previous annual technical reports.

A review of the available geophysical and geological data by Resource Potentials for Genesis Resources in 2009 and subsequent reconnaissance field mapping by Richard Russell in 2010 highlighted the potential of the Alice Springs project to contain copper mineralisation (Russell, 2010).

Rock chip sampling completed by previous explorers and Russell returned high grade copper mineralisation over a number of areas up to 30% Cu. The high grade copper mineralisation appears to be structurally controlled and associated with magnetite enrichment in some areas.

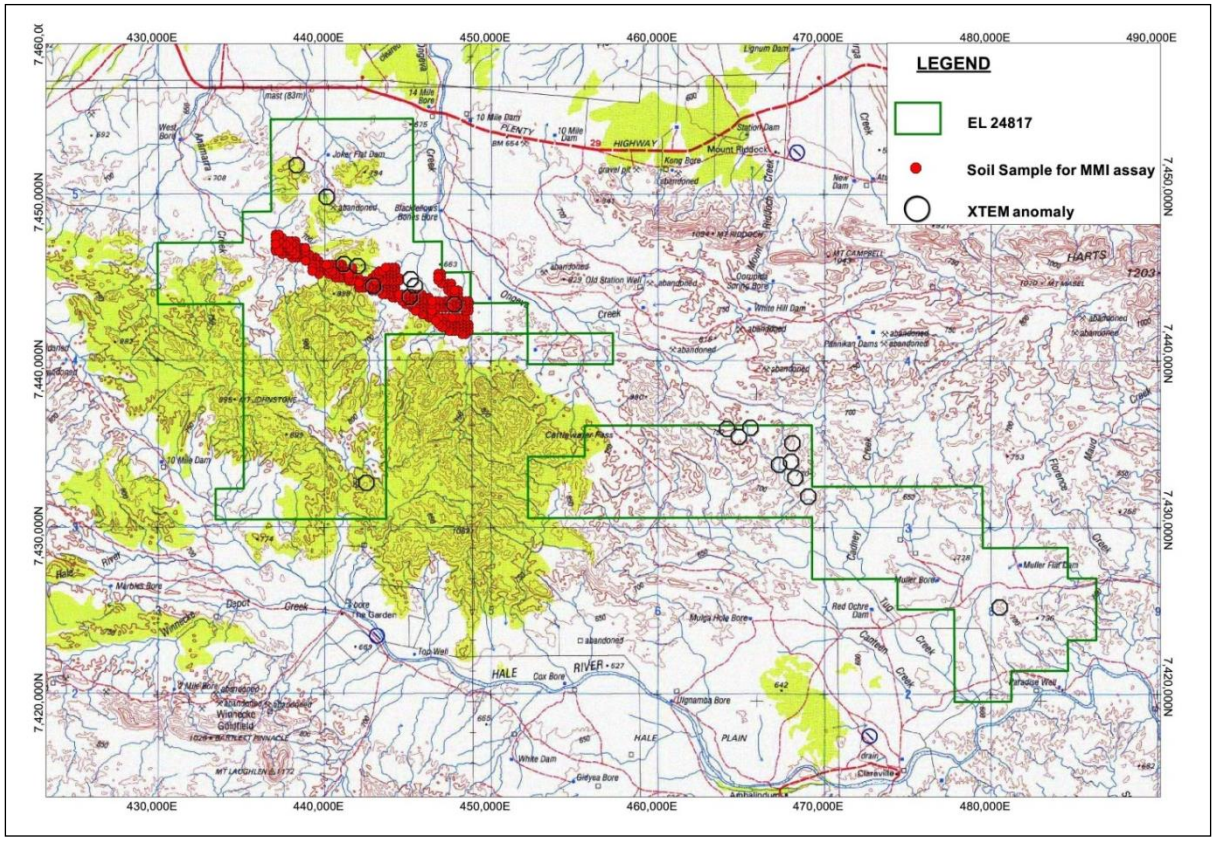
Based on these results a helicopter electromagnetic (HEM) survey was commissioned by Genesis over two prospect areas, Camp Hill and Magnetite Hill, in an effort to directly detect copper mineralisation and provide drill targets (Cooper, 2010).

The XTEM survey data over these two prospects have defined a number of anomalous electromagnetic responses that are considered to be prospective for copper mineralisation.

A review of the acquired magnetic data from the XTEM surveys and available open file airborne datasets highlighted 36 magnetic anomalies considered prospective for iron mineralisation. These anomalies include the two known prospects, Magnetite Hill and Triple Hill, which returned maximum rock chip values of 63% Fe and 70% Fe respectively (Cooper, 2011).

The major part of the Cadney Fault area is covered by Quaternary sediment which is suitable for a Partial Leach soil sampling survey. This survey was carried out during November 2011, but the results were delayed by inefficiencies in the laboratory. A total of 351 samples were collected at a staggered grid interval of 200 x 200m (Figure 2).

Figure 2: Location of soil samples and XTEM anomalies.



Field evaluation of these proposed geophysical anomaly targets was undertaken during 2011 (Enday 2011), followed by an assaying trial soil sampling along the Cadney Fault with

200x200m grid interval. A total of five samples collected and assayed for different sieve size using the TL8/OMA93 (Ionic/Partial Leach) analytical method at the Genalysis Laboratory (Enday 2012). Results from the Partial Leach assays were reported in the 7th ATR (Enday, 2013).

Exploration results:

- The above analysis of geophysical and geological data resulted in follow-up lists of electrical, magnetic and mineral exploration anomalies in each report especially along the Cadney Fault.
- Field assessment of geological and geophysical anomalies highlighted the prospectivity of the tenement for copper, gold, silver and iron.
- Significant grades of copper, gold, silver and bismuth (with visible malachite, chalcopyrite, chalcocite and chrysocolla) were identified within the Cadney Fault zone (Figure 3-8).
- This Fault zone, which consists of quartz-carbonate veins in sheared gneiss, has a strike-length of over 10 km in an east to south-easterly direction across most of the licence.
- Rock chip sample number G00181 taken from the Cadney Fault zone (Corner Post Hill) returned 5.8% Cu, 4.6% Bi, 27 g/t Ag and 0.7 g/t Au and 3450ppm Pb (Figure 3-8).
- Prospects on cross-cutting northeast-trending faults were also found to be carrying significant mineralisation, including iron (magnetite) stringers, with rock chip sample G00176 containing 1340ppm Cu and sample G00184 returning 7360ppm Cu and 1.7g/t Au, the latter confirming historical anomalism of 15% Cu and 2.6g/t Au in the area.
- Some of the cross cutting faults intersect the Cadney Fault.
- Soil sampling along the Cadney Fault with 200 x 200m grid interval was undertaken.
- Interpretation of the Partial Leach analytical results generated significant multi-element foot print along the Cadney Fault. These included Ag up to 32.5ppb, Au up to 1.25ppb, Co up to 985ppb, Cu up to 9.6ppm, U up to 2972.6ppb and Zn up to 3164ppb (Figures 3-8).

- The strong association of Cu and Au and sometimes Ag which was noted in rock chip samples by Gregory, 2002 and Bogie, 2003 was not expressed in the assay results of the soil samples.
- The results, however, confirmed the rock chip anomaly reported by Gregory (2002) and Bogie (2003) at Corner Post Hill which contained discrete strongly mineralised Cu lenses in sheared felsic gneisses over 60m x15m along the Cadney Fault (Cu up to 11.1%, Au up to 0.489 ppm).
- Corbett, 2002, suggested that the mineralisation was introduced along the Cadney Fault during deformation and that drilling was necessary to ascertain the continuity and nature of the mineralisation at depth and along strike.
- Scattered, spotty, anomalies of Co occurred usually with strong association to Cu anomalies (Figure 5 and 6).
- Three samples 1.5km west of Corner Post Hill, samples G00424 (440900E & 7445000N), G00430 (440450E & 7445200N) and G00413 (441100E & 7445000N) returned U assay results of 2973ppb, 1222ppb and 1051ppb respectively (Figure 7).

Reconnaissance was completed during May and August 2014. The historic Camp Hill mining area and several previously defined zones of anomalous Cu-Au mineralization including Corner Post Hill, Diana 2 to 8 and Diamond 2 were mapped in more detail. In addition a full review of all available data was undertaken to define targets for RC drill testing. Refer to Appendix 1: Alice Springs EL24817 2018 Proposed Drilling, Appendix 2: Proposed 2018 Drilling of Camp Hill Prospect, Appendix 3: Alice Springs Tenement Proposed Drillholes SE, Appendix 4: Diamond T Proposed Drillholes, Appendix 5: Diana 8 – EM Anomaly 11 Proposed Drillholes and Appendix 6: Diana 2 – EM Anomaly 6 Proposed Drilling.

5. EXPLORATION CONDUCTED DURING THE CURRENT PERIOD

Genesis is currently in the process of raising significant funding to undertake Exploration on its Australian tenements following the completion of Exploration in Macedonia.

There was no exploration work conducted in the field during this reporting period.

- A Mining Management Plan (MMP) update was lodged on the 9 March 2018.
- The CLC Sacred Site Clearance Certificate was extended on the 30 August 2017. The new expiry date is the 31 December 2018. SSCC No. C2014-38-B.
- The data sets were reviewed and drill targets confirmed with minor modifications.

5. CONCLUSIONS

- 21 drill hole targets have now been defined and are ready for testing.
- Genesis intends to resume work in this area during the next field season. Work will include an RC drilling program of 1880m.

6. RECOMMENDATIONS

A total of 21 Reverse Circulation (RC) drillholes are proposed for a total of 1880m. These holes are designed to test a number of copper – gold targets including below historic workings at Camp Hill, rock chip anomalies at Diana 2, Diana 8, Corner Post Hill and EM anomalies near Diana 2, Corner Post Hill and Diamond T (Table 2).

The drilling program is scheduled to commence during the third Quarter 2018. It is anticipated that the proposed drilling program should take 4 – 6 weeks to complete. This includes preparation of access tracks and drill pads, mobilisation of the rig to site, drilling and rehabilitation of drill sites and access.

Table 2: 2018 Proposed Alice Springs RC Drill Holes

Prospect	Proposed ID	GDA94 East	GDA94 North	Dip	Azim	Depth (m)	Comments
Camp Hill	RC15AS01	438245	7451610	-55	225	80	Test below shears & workings
Camp Hill	RC15AS02	438312	7451633	-55	225	100	Test below shears & workings
Camp Hill	RC15AS03	438348	7451668	-55	225	100	Test below shears & workings
Camp Hill	RC15AS04	438383	7451703	-55	225	100	Test below shears & workings
Diana 2	RC15AS05	441600	7445925	-60	150	80	Intersect mineralised Fe formation at ~ 50m
Diana 2	RC15AS06	441643	7445950	-60	150	80	Intersect mineralised Fe formation at ~ 50m
Diana 2	RC15AS07	441675	7445975	-60	150	80	Intersect mineralised Fe formation at ~ 50m
Diana 2	RC15AS08	441725	7446005	-60	150	80	Test possible NE plunge of mineralisation?
Diana 8	RC15AS09	443080	7447065	-55	130	80	Intersect shear 40m below surface
Diana 8	RC15AS10	443117	7447112	-55	130	80	Intersect shear 40m below surface
Diana 8	RC15AS11	443135	7447138	-55	130	80	Intersect shear 40m below surface
Diana 8	RC15AS12	443167	7447173	-55	130	80	Test for Nth extension of shear?
Cnr Post Hill	RC15AS13	442097	7444745	-55	210	80	Test below qz+ma vein zone
Cnr Post Hill	RC15AS14	442135	7444725	-55	210	80	Test below qz+ma vein zone
Cnr Post Hill	RC15AS15	442188	7444710	-55	210	100	Test below qz+go shear. Low priority
EM Anomaly 6	RC15AS16	441360	7445770	-50	130	100	Strong NW trending EM near Diana 2
EM Anomaly 6	RC15AS17	441400	7445730	-50	130	100	Strong NW trending EM near Diana 2
EM Anomaly 20	RC15AS18	447860	7443390	-50	180	100	Strong E-W EM, Cadney Fault, 13% Cu in rock
EM Anomaly 20	RC15AS19	447860	7443325	-50	180	100	Strong E-W EM, Cadney Fault, 13% Cu in rock
EM Anomaly 11	RC15AS20	443390	7444750	-50	210	100	300m long strong EM parallel to Cadney Fault
EM Anomaly 11	RC15AS21	443360	7444690	-50	210	100	300m long strong EM parallel to Cadney Fault
						1880	

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