FINAL REPORT
EXPLORATION LICENCE
EL26722

15th December 2008 to 14th December 2009

DELAMERE
NORTHERN TERRITORY

NEIL SCRIVEN
PRINCIPAL GEOLOGIST
SCRIVEN EXPLORATION
DECEMBER 2009
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1. SUMMARY

The objective of the exploration on EL26722 was to target Copper mineralisation highlighted in three BMR exploratory drillholes. Only basic exploration was completed.

2. LOCATION & ACCESS

The southern portion of the exploration licence is located 80km north of Top Springs on the Buntine Highway, 120km east of Timber Creek as the crow flies and some 360km south of Darwin. Access to the area is via the Buntine Highway which passes through the centre of the Exploration Licence. See Figure 1 for location and Figure 2 for topography.

The climate falls within the monsoonal category, with the dry season between April and October and a wet season with the heaviest rains falling in January and February. Temperatures range from a minimum - maximum in June of 10°C - 29°C and 21°C - 38°C in December.

The region to the west is predominantly cattle country with Delamere station located at the centre of the Exploration Licence. The region has open grassy plains and savannah woodlands. The sandstone ridges and plateau have a cover of spinifex and small trees.

3. TENEMENT STATUS

EL26722 was granted and became effective for a six year period on the 15th December 2008. This is the first and final year of exploration for EL26722.

The tenement covers 1571 km² (475 blocks). See Figure 2 for Tenement area.

The tenement covers two 1:100,000 mapsheets: Delamere 5266 26/6 and Willeroo 5267 26/3.

The region is covered by 1:250,000 SD2516 Delamere mapsheet.

The east of the tenement is covered by the Delamere Range Training Facility and is marked on the topographic map as a prohibited area by the military.

The region is bisected (north west to south east) by the edge of a plateau. This divides the region into three watersheds – to the northwest the Dry River, to the west Gregory Creek and to the north west Aroona Creek. See Figure 5 for the DTM Image found on the NTGS Geophysical webserver.
4. EXPLORATION FOR 15th DECEMBER 2008 TO 14th DECEMBER 2009

The eastern side of the region is classed as part of the Dunmarra Geological Region - Cretaceous (141-65 Ma) sedimentary claystone, siltstone, sandstone and minor conglomerate. The western region is part of the Wiso Basin and comprises Cambrian (543-509 Ma) Antrim Plateau mafic volcanic flood basalts described as Tholeiitic basalt, undifferentiated sandstone and limestone. To the south west the region is part of the Victoria – Birrindudu Geological Region – Mesoproterozoic Tjauwata Group (1500-1000 Ma) sedimentary siltstone, shale and sandstones. Through the southern centre a ‘sliver’ of Daly River Group, mostly Cambrian (1509-498 Ma) Montejinni Limestone consisting of Dolomitic mudstone and argillaceous carbonates, siliceous breccia at base. See Figure 3 for a NTGS Regional Geology map covering EL26722.

Three Modat Occurrences occur within EL26722, BMR DDH-1, BMR DDH-4 and BMR DDH-5. They all lie along the Buntine Highway.

BMR DDH-1 126-136m Stratabound copper mineralisation,
BMR DDH-4 46-50m Stratabound copper mineralisation and
BMR DDH-5 39-41m Stratabound copper mineralisation.

The Northern Territory Geological Survey has provided Diamond Sample Database. There shows a cluster of positive indicators (chromites) to the north west which where sampled by Stockdale in the early 1990s. Some 16 samples lie within the Exploration Licence (on the central west side) and were sampled by Ashton in the early 1980s. No positive results were returned.

No surface Geochemical Results (Rockchip/Stream/Soils/Wholerock) were recorded within this licence in NT Geological Surveys Geochemical Database.

The Strike Drilling Database provided by the NT Geological Survey did not show any drill holes within the Licence area.

Available Geophysics covering the region is minimal, with regional geophysics the best obtainable. No NTGS, Company or company (closed file) surveys were found to cover the region. See Figure 4 showing available TMI Magnetics from the NT Geological Surveys Geophysical Web site. No Radiometrics appeared to be available for the area in question at the time of investigation.

Several Companies have included parts of this area within there tenements over the last 40 years. Several Annual Reports are available from the NT Geological Survey and include: AP2068, AP2328, AP2868, EL1904, EL2360, EL4366, EL6633, EL22334, EL22335, and EL24279.

The last company to explore the region was Crossland Minerals in 2007. EL24279 was covered for uranium, diamonds and nickel.
5. **EXPENDITURES FOR 15\textsuperscript{th} DECEMBER 2008 to 14\textsuperscript{th} DECEMBER 2009**

Expenditure for year one

Administration research and reporting……..$2500  
**Total**………………………………………………$2500

6. **REFERENCES**

Scriven Exploration

TMI Magnetics
Regional Database NTDME
with Mineral Occurrences
Figure 4

Buntine Hwy

Unnamed 01315
Unnamed 01316
Unnamed 00050

EL26722

Scriven Exploration

TMI Magnetics
Regional Database NTDME
with Mineral Occurrences
Figure 4

Buntine Hwy

Unnamed 01315
Unnamed 01316
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