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EL 29024

FINAL EXPLORATION REPORT

FOR THE PERIOD

6 Jun. 2013 to 14 Feb. 2014

By Company Geologists

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May 28 2014

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Summary

Exploration title EL29024 was granted to Darwin Mining & Exploration PTY LTD on 6 June 2012. During the period, a detailed review of the previous exploration work has been conducted; this has revealed that the title area has less potential for base metal mineralisations, with an exception of low temperature stratabound base metal minerals, such as stratabound lean-zinc mineralisation. Two copper mineral occurrences (01995 and 05374) located in the northeast and southeast of the EL29024 have been mentioned in previous reports. Unfortunately, the company geologists still could not find the mineral occurrences or any interesting spots in their third ground geological investigation in November 2013. No low temperature copper, such as malachite or azurite, has been identified during the period of field work in the areas. Remote sensing interpretation had been carried out. It is likely that two major faults striking in NW are present in the area of EL29024 and its adjacent area with some minor faults striking in NNE. No mineralisation along these faults had been identified in the investigations. Therefore, Darwin Mining and Exploration Pty Ltd would like to surrender the mineral title.

Introduction

Exploration Licence 29024 was granted to DARWIN MINING & EXPLORATION PTY LTD by NT State DEPARTMENT OF MINES AND ENERGY on 5 April 2012 for a period of six years. This report is the final exploration report for EL29024 and the mineral title was surrendered by the company on 14 February 2014.

Tenure details

EL29024, total of 35 units (Table 1), is located about 234km southwest of Katherine, accessing by Buchanan Highway and local 4WD tracks (Fig. 1).

DME Prospect area 5 523441Z 8D523442W SD523442Y SD523448V SD523448X SD523443Z SD523444W SD523444Y SD523445V SD523445X SD523445Z SD523446W SD523445Y -16°00' SD52 131 A, B, C, F, G, H, L, M, N, O, Q, R, S, T, U, V, W, X, Y, Z 5257Ė E52588 E5258 SE5259/ SD52 203 A, B, C, D, E, F, G, H, J, K, L, M, N, O, P Ē5258 E5259 E526 SE52611 5257P E5258 E5259P SE52601 E5260¢ 5261 SE5262 E5262φ 5257U E5258F SE5260 SE526 E5262 5257Z E5258V SE5258 E5259 E5259 E5259Z E5260 E5260 5261 SE5261 SE5261Z E52621 E5262 -16⁶05′ E52130B SE52130D 52131 52131 SE52131E SE52132B SE52132D SE52133A SE52133 SE52133E SE5213#B SE52134 52129E SE521303 SE52130J 52131 SE5213 SE52131K SE52132 SE52132J SE52133 SE62133 E52184 E52134 SE52133K 52129K SE521300 SE52132M SE52133 E52134 SE52130M 52131 SE52131 E52131P SE521320 SE52133 9E52133R 3E52134 52129P 9**E**52133 SE52130R SE521301 8E52131 ¥ 52131 SE62132T 52134 E52134 52131Q SE52132F 521336 SE52133U 52129U SE5213 SE52132W 521,210 SE52131 SE52132 E521330 SE52133 552134 52129Z SE52130W SE52130N 3E52133Z SE52134 -16⁶10 EL29024 52201E E52202B SE52202 SE52284D 552206 62205 SE52206E SE52200C 52201K SE52202B sE52203J 5220 SE52203 SE5220 53204 F52204 6220 855220514 9252205K 8252206 8E52206 52201P SE52202W SE522020 52203 SE52203 SE5220 2204 V SE522840 5220 6E62285M 8E52205P 52208 \$**E**522060 52201LL SE52202R SE522021 SE522030 SE522039 SE52203 £62285 SE522005 3E52205U SE52202 E52203\ SE52203Z 130°50; 130°55 °00' 130°45 131°05

Figure 1 EL29024 Location Diagram

Table 1 EL29024 unite

BLOCK NO	UNITS
SD52 131	A,B,C,F,G,H,L,M,N,O,Q,R,S,T,U,V,W,X,Y,Z
SD52 203	A,B,C,D,E,F,G,H,J,K,L,M,N,O,P

Geological Setting

Geologically the area of EL29024 is located in the Mesoproterozoic-Palaeoproterozoic Birrindudu sedimentary basin which unconformably overlies the Pine Creek Orogen in the north and Tanami Region in the south and unconformably overlain by the Victoria Basin, Daly Basin and Kalkarindji

Province. Also this sedimentary basin is relatively undeformed correlated with the McArthur Basin. Major rock types of the sedimentary basin include sublithic arenite, quartz arenite, siltstone, shale, conglomerate, stromatolitic chert, limestone, glauconitic sandstone. Limited exploration has been carried out in the area, even the sedimentary basin.

Mineralisation

Generally it is uncertain for mineralisation in the whole basin as insufficient exploration. A few diamond deposits are near Timber Creek, which are associated Jurassic-age (179 Ma) diamond-bearing kimberlite pipes and dykes intruding into the basin sediments. Minor base metal, such as Pb-Ag, occurrences scatter in the basin. Two copper mineral occurrences (01995 and 05374) located in the northeast and southeast of the EL29024 respectively have been mentioned in the previous reports and NT Strike (Fig. 2).

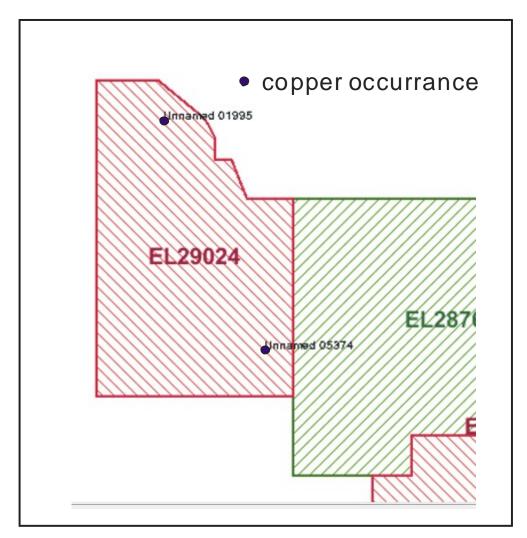


Fig. 2 Mineral occurrences in the area of EL29024.

Field Reconnaissance Works

Outcrop of the rocks occurs in the area of EL29024 are dominantly limestone (could be dolomite from point of the view of its texture) and conglomerate. Remote sensing interpretation had been carried out (Figs. 3 & 4). It is likely that two major faults striking in NW are present in the area of EL29024 and its adjacent area with some minor faults striking in NNE. A third field investigation had been undertaken in Oct. 2013. Unfortunately, no mineralisation along these faults had been identified in the investigations and the company geologists still could not find the mineral occurrences mentioned in previous reports.

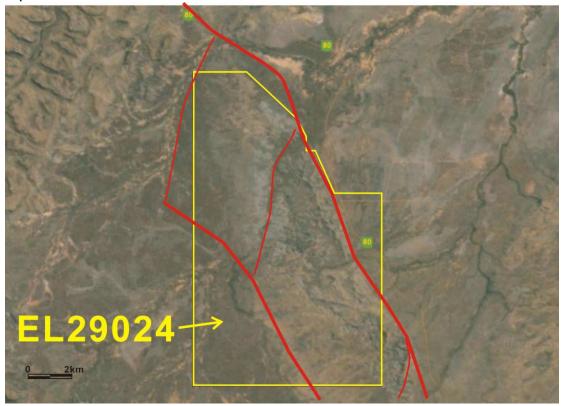
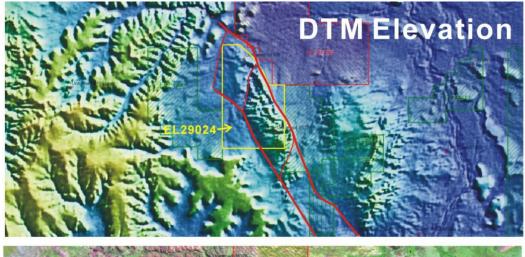
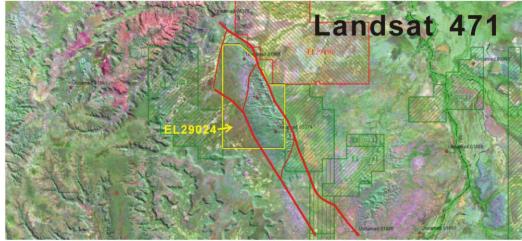


Fig. 3 Remote sensing image of EL29024





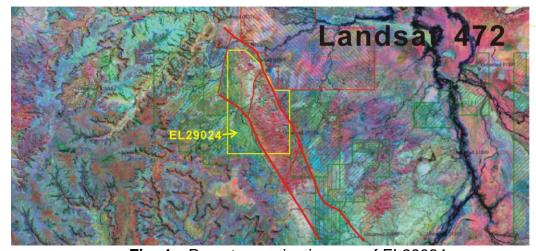


Fig. 4 Remote sensing images of EL29024

Conclusion

Darwin Mining and Exploration Pty Ltd have surrendered the mineral title due to no mineral occurrences being found in the last one and half years of exploration.