Operator: Crossland Strategic Metals Ltd

Charley Creek
EL 24281

Arunta Region

Partial Cancellation Report for EL 24281 for the period 7 February 2005 to 12 October 2015

Tenement Holders: Crossland Nickel Pty Ltd

Paul Melville
19 November 2015
**Summary**

EL 24281 was granted to Crossland Nickel Pty Ltd on 7 February 2005 for a period of 6 years. The licence has undergone several renewals up to February 2015. The licence, in conjunction with eleven (11) others, is wholly owned by Crossland Nickel and was granted Group Reporting (GR086/09) and EPA status. The latter has since been revoked.

In September 2015, a partial cancellation notice for the group was issued due to under expenditure for two successive years. Cancellation of four (4) sub-blocks from the subject licence was undertaken by Crossland due to this expenditure shortfall. No ground exploration activities were carried out within the relinquished blocks.
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Figure 1  EL24281 Regional aspect of licence and surrendered blocks
Figure 2  EL24281 Plan of surrendered blocks
1 Introduction

Exploration Licence 24281, “Charley Creek” is located 100 km west northwest of Alice Springs along the Tanami Highway and centred about 8km southwest of Milton Park Homestead. The project area is held by Crossland Nickel Pty Ltd and was considered prospective for copper, nickel, platinum and uranium. In more recent times exploration has concentrated on the Rare Earth Elements.

The tenement lies entirely within the Narwietooma 1:100,000 and Hermannsburg SF53-13 1:250,000 map sheets. Main access to the project area is via sealed roads - the Stuart and Tanami Highways, then by well formed station roads.

EL 24281 is part of Group Reporting GR086/09, which includes eleven (11) other licences and is one of twenty two (22) licences that comprise Crossland’s Charley Creek Project.

This report deals with four (4) sub-blocks that were cancelled by NTDME under Section 105 (3) of the Minerals Titles Act. The cancellation was necessitated due to a shortfall in the required exploration expenditure within the subject tenement.

2 Tenure Details

EL 24281 was granted to Crossland Nickel Pty Ltd on 7 February 2005 for a period of 6 years. At grant, the licence consisted of 63 blocks covering an area of 198.5 sq km. At the end of Year 5 the licence was partially reduced to 41 blocks or 129.2 sq km. The majority of the reduced area covered the Mount Hay massif, which is an aboriginal sacred site. No further reductions have taken place since.

Following two years of under expenditure as part of an EPA (Group 086/09), Crossland received notice from NTDME on 3 September 2015 that the subject Group was to undergo a compulsory reduction of 165 blocks. Crossland chose four blocks for cancellation from this licence. The subject blocks are:

2893 r; 2964 p and 2965 q, r

Following this reduction Crossland applied for the equivalent reduction of expenditure.

See Figure 1 for the tenement outline and the location of the surrendered blocks.
3 Geology

The geology of the Charley Creek project area has been covered in detail in various reports to the department. The reader is directed to those reports for that information.
4 Previous Exploration

Regionally, there have been exploration activities undertaken by Conzinc Rio Tinto Australia Exploration (CRAE) for sedimentary uranium targets in the 1970s and nickel, copper and PGE in the mid to late 1990’s. Several junior companies also explored the area for sedimentary uranium potential. Esso Australia Limited explored the Teapot Granite in 1977 for uranium following an airborne radiometric survey.

From the information available it appears that there has been no historical work carried out within the subject blocks.
5 Work Completed

A review of all previous Crossland reports indicates that no ground exploration activities have been carried out within the cancelled blocks.

Two airborne surveys conducted in 2007 (EM Tempest and Mag-Rad) are indicated to have covered the subject blocks. Due to the distribution and position of the surrendered blocks, the geophysical data was not considered to have any relevance.

6 Conclusions

The surrendered blocks are partially or fully within the Mount Hay ‘No-Go’ zone. Particular lithological units within the Mount Hay complex were considered prospective for Nickel-Copper-Platinoids.
7 References


Buskas, A.J., Ainsley, P.J. & Porter, J., 2012: COMBINED ANNUAL REPORT ELs ELs 24281, 25230, 27283, 27284, 27338, 27358, 27359, 28154, 28155, 28224, 28225 & 28226. CHARLEY CREEK PROJECT (NT) 7/02/2011 TO 6/02/2012


