



Operator: Crossland Strategic Metals Ltd

Charley Creek

EL 27283

Arunta Region

Partial Cancellation Report for EL 27283 for the period 17 November 2009 to
12 October 2015

Tenement Holders: Crossland Nickel Pty Ltd

Paul Melville
2 December 2015

Summary

EL 27283 was granted to Crossland Nickel Pty Ltd on 17 November 2009 for a period of 6 years. At grant, the licence consisted of 500 blocks; no reductions have taken place prior to the cancellation penalty. 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 The latter has since been revoked.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 twenty one (21) sub-blocks from the subject licence was undertaken by Crossland due to this expenditure shortfall. Several stream sediment samples were collected in the subject blocks.

Bibliographic Data

Report Title	Partial Cancellation Report for EL 27283 for the period 17 November 2009 to 12 October 2015
Author	Paul Melville
Project Name	Charley Creek
Tenement Number	EL 27283
Tenement Holder	Crossland Nickel Pty Ltd
Operator	Crossland Strategic Metals Limited
Commodities	Rare Earth Elements, Uranium
Tectonic unit	Arunta Region
1:250 000 MapSheet	Hermannsburg (SF53-13)
1:100 000 MapSheet	Narwietooma (5451)
Keywords	Arunta Region, Charley Creek, REE, Uranium

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1 Introduction

The licence is centred about 150 km northwest of Alice Springs and about 125 km west of the Stuart Highway. It is contiguous with EL 27284 on its northern side and has a common boundary with two other Crossland ELs to the east. The Tanami Highway passes through the eastern part of the licence with localised access provided by station tracks and fence lines.

Bunghara aboriginal community is located on the licence and the Papunya aboriginal community is about 16 km west of the licence. The EL is located on the Glen Helen, Derwent, Narwietooma and Amburla pastoral leases.

EL 27283 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 relates to twenty one (21) 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 27284 was granted to Crossland Nickel Pty Ltd on 17 November 2011 for a period of 6 years. At grant, the licence consisted of 500 blocks covering an area of 1560.67 km². There were no reductions prior to the cancellation.

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 twenty one blocks for cancellation from this licence. See Figures 1 and 2 for the location of the surrendered blocks.

The blocks cancelled are listed below :

2670 – x; **2741** – p, u, z; **2742** – b, f, g, l, m, q, r; **2743** – v; **2813** – d, e, h, j, m, n, q; **2815** – s, x;

Following this reduction Crossland applied for the equivalent reduction of expenditure

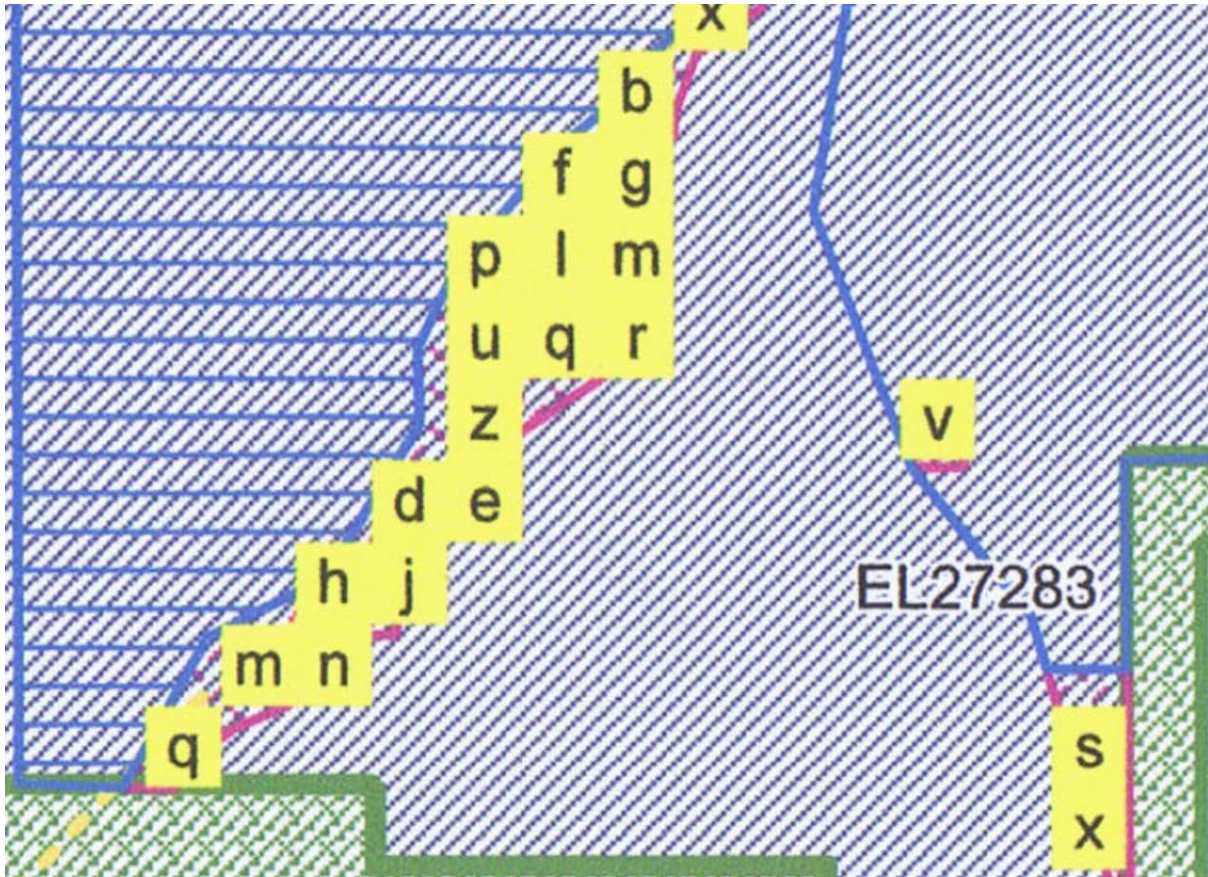


Figure 1 EL 27283 illustrating surrendered blocks.

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.

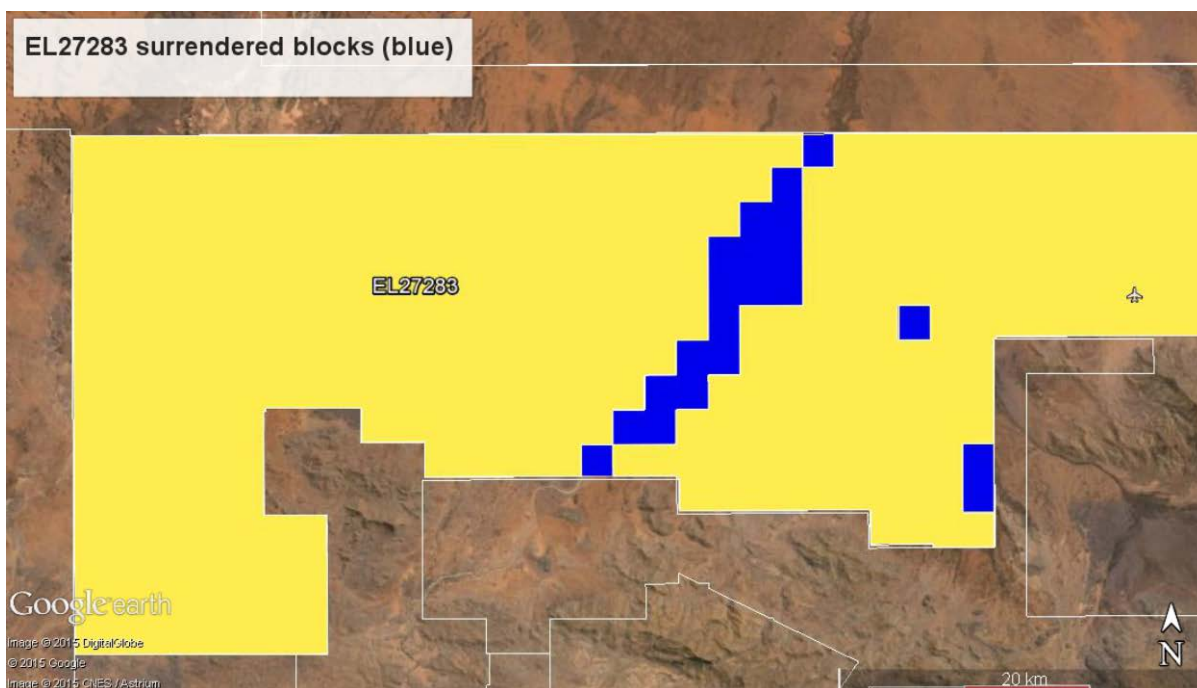


Figure 2 EL 27283 regional view of surrendered blocks (blue)

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 six stream sediment samples were collected along the Dashwood Creek drainage as part of a regional sampling programme conducted by the company in 2010-2011. See Appendix 1.

6 Conclusions

Following the stream sediment programme no further work was conducted.

7 References

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