



Operator: Crossland Strategic Metals Ltd

Charley Creek

EL 28224

Arunta Region

Final Report for EL 28224 for the period 8 March 2011 to
24 January 2020

Tenement Holders: Crossland Nickel Pty Ltd

Paul Melville
January 2020

Summary

EL 28224 was granted to Crossland Nickel Pty Ltd on 8 March 2011. The granted licence consisted of 16 blocks or 50.34 km².

A decision was made by Crossland in January 2020 to surrender the tenement. DPIR stated the 24 January 2020 as the licence cessation date.

The only activity carried out by Crossland was inclusion of the licence in a more extensive airborne Magnetism-Radiometrics-DTM survey

Bibliographic Data

Report Title	Final Report for EL 28224 for the period 8 March 2011 to 24 January 2020
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Project Name	Charley Creek
Tenement Number	EL 28224
Tenement Holder	Crossland Nickel Pty Ltd
Operator	Crossland Strategic Metals Limited
Commodities	Rare Earth Elements
Tectonic unit	Arunta Region
1:250 000 MapSheet	Hermannsburg (SF53-13)
1:100 000 MapSheet	Anburla (5551)
Keywords	Arunta Region, Charley Creek, REE, Uranium

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1 Introduction

Exploration Licence 28224 was centered approximately 48 km northwest of Alice Springs and 17 km east of Hamilton Downs Homestead, being located wholly on that pastoral lease. Much of the area covered by the licence is flat scrubby country with easy access. See **Figures 1** and **2** for location of the tenement.

The title was held by Crossland Nickel Pty Ltd and was considered prospective for concentrations of alluvial Rare Earth Elements.

EL 28224 was part of Charley Creek Group Reporting GR086/09, which now consists of three (3) licences following this and other recent surrenders. The licence was surrendered as part of Crossland’s strategy to reduce landholdings on the Charley Creek project area, thereby conserving funds. This strategy also enables the company to concentrate on the two principal identified resource areas.



Figure 1. Regional location of EL28224



Figure 2. Detail of EL28224

2 Tenure Details

EL 28224 was granted to Crossland Nickel Pty Ltd on 8 March 2011 for a period of 6 years. The granted licence originally consisted of 16 blocks or 50.35km². One block was relinquished during the life of the licence. The number of blocks at the time of surrender numbered 15.

3 Tenement Geology

Surface geology is mapped as Quaternary cover consisting of sand, red silt and fine sand, alluvial silt and sand, and clays with minor sand. These overlie Tertiary sediments described as sands, clays, siltstone, and conglomerates with some lignitic horizons.

4 Previous Exploration

From the information available it appears that there has been no historical work was carried out within the licence.

5 Work Completed by Crossland

As part of a project-wide survey, the licence was covered by 393.6 line km of airborne Magnetics-Radiometrics. Results of the survey are contained in the 2012-2013 GR086-09 Group 1 Annual Report.

6 Conclusions

The tenement has been surrendered as part of the company's landholdings reduction strategy. There may be some potential for alluvial REE mineralisation in the surrendered area.

7 References

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