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EL 59/94

MT AGNEW

RELINQUISHMENT REPORT
FOR THE
NORTH WESTERN PART
OF EL 59/94

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| MINEAL RESOURCES |
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OPEN FILE

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RELINQUISHMENT REPORT
EL 59/94 - MT AGNEW - D C LANE

AMG REFERENCE POINTS ADDED

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1. LIST OF FIGURES

1. **Locality Map showing area to be relinquished**

2. TENEMENT INFORMATION

EL 59/94 was issued to David Lane on February 17, 1995. Figure 1 is a locality map.

The Licence area originally comprised 36 square kilometres of unoccupied Crown Land and State Forest - Multiple Use Forest Land. This was reduced to 24 square kilometres in January 1996.

3. EXPLORATION PHILOSOPHY

My exploration philosophy is to search for small tonnage, high grade deposits, with emphasis placed on alternative targets and low environmental impact, labour intensive operations. Exploration is field based, as opposed to remote sensing.

In the area covered by EL 59/94, the emphasis is on tin-polymetallic sulphide mineralisation as located between Sweeney's Mine and the Globe Mine.

4. SUMMARY OF WORK COMPLETED

4.1 Allison's Workings

Geological mapping and sampling was carried out in 1995. No significant mineralisation was identified.

Klominsky 1972 reported an occurrence of columbite in quartz-tourmaline vein structures in a trench at this locality. All quartz veins examined were barren, and no tantalite-columbite mineralisation was identified.

4.2 Federation Mine Area

A reconnaissance survey was carried out to the Federation area in 1995. A comprehensive review of existing data was carried out by Lindsay Newnham in 1996.

4.3 Dimension Stone

Much of the area to be relinquished is underlain by the white granite. Extensive alteration of this granite (and the red granite into which it intruded) has occurred.

Alteration minerals include magnetite, pyrite and other sulphides. The alteration includes sericitisation and kaolinisation of feldspars. Quartz-tourmaline greisen veins and nodules occur over much of the area. Aplitic dykes are also prevalent.

Because of the alteration, potential dimension stone quarry sites are rare. The best areas are near the top of Mt Agnew and the rugged southern escarpment of the Cumberland Plateau. But in these areas, access is a considerable problem.

5. CONCLUSIONS

- 5.1 The area to be relinquished contains limited potential for small scale operations.**
- 5.2 It is proposed to relinquish sixteen square kilometres in north western part of the licence area. The area to be retained includes eight square kilometres between Sweeney's and the Globe mines. This area has the best potential for small tonnage/high grade/ small scale operations.**

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7. APPENDIX

7.1 Figure 1.

Locality Map showing area to be relinquished and area to be retained.

