

EL 59/94

248001

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RELINQUISHMENT REPORT

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FICHE No.014497-

EL 59/94  
see folio 58

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DATE OF REPORT: January 30, 1998

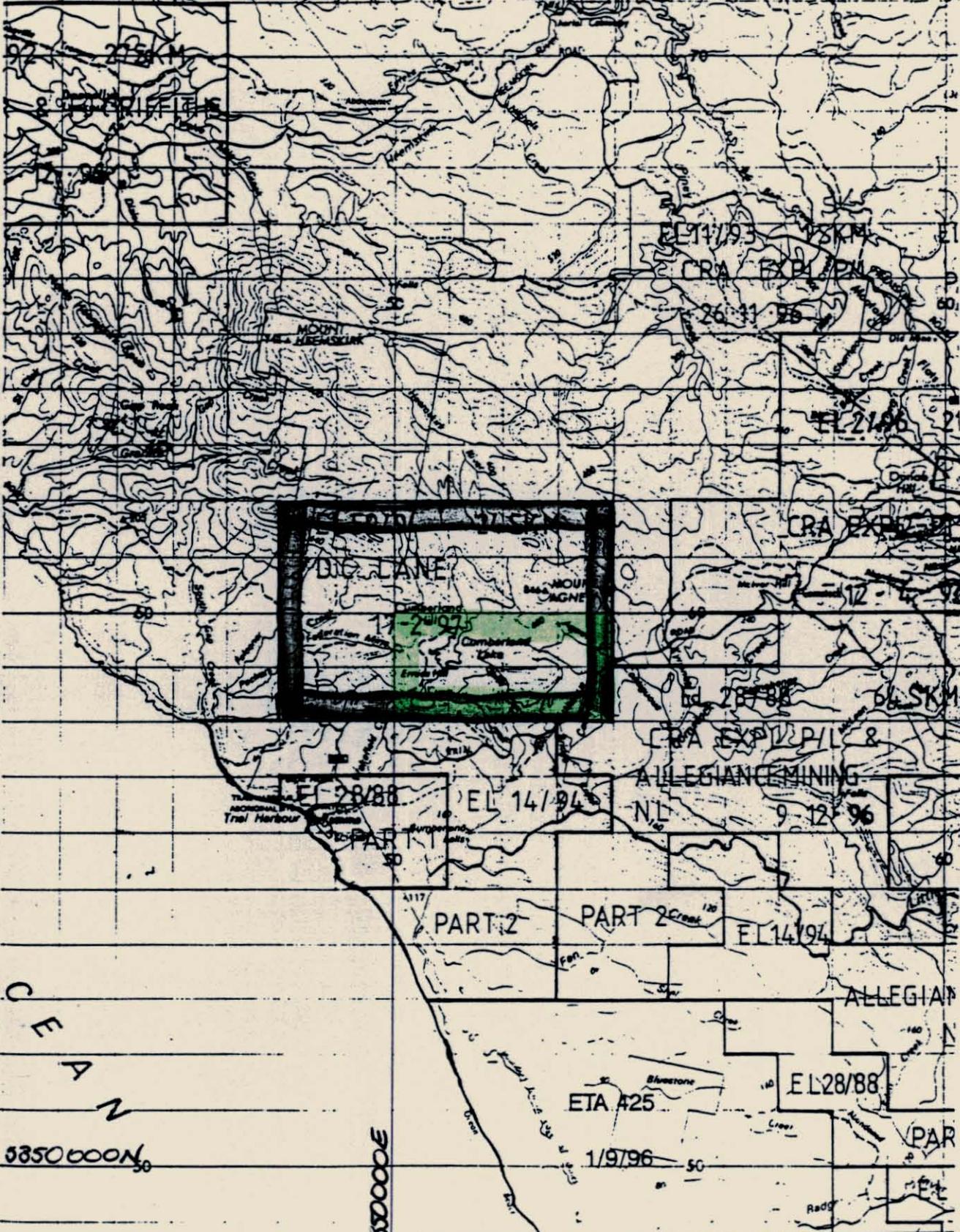
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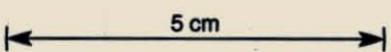
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J. GRIFFITHS  
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NEWNHAM EXPLORATION AND MINING SERVICES		
<b>E.L. 59/94 HEEMSKIRK PROJECT LOCATION PLAN</b>		
0 km	4	Scale: 1:100,000
Drawn: L.A.N.	Date: Sept. 96	Figure: 1

## 2. TENEMENT INFORMATION

EL 59/94 was issued to David Lane on February 17, 1995.

The Licence area initially comprised 36 square kilometres of unoccupied Crown Land and State Forest - Multiple Use Forest Land.

The 12 square kilometres of this area was relinquished in January 1996. A further 16 square kilometres was relinquished in January 1997, leaving 8 square kilometres.

Figure 1 is a locality map.

## 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 was on tin-polymetallic sulphide mineralisation as located at Sweeney's and the Globe mines and Anomalies 1 and 4, Agnew Grid.

## 4. SUMMARY OF WORK COMPLETED

- 4.1 In 1995, reconnaissance surveys were made to Sweeney's and the Globe mines, and Anomalies 1 and 4.
- 4.2 A detailed review of existing data was completed in 1996.
- 4.3 A two meter development was completed at the Globe mine in 1996.
- 4.4 A self-potential survey was completed at the Globe Mine in 1997.

## 5. CONCLUSIONS

- 5.1 While some localised high grades have been obtained in rock chip samples, and in drill core logged by previous operators, they are few and far between. There appears little scope for high-grading, with no indication of any tangible tonnage to be obtained.

The mineralisation at South Heemskirk appears to be essentially too low grade to support a small scale mining operation.

- 5.2 Of the four mineralised bodies investigated, Sweeney's appears to have the best potential, being slightly larger than the others and with generally higher grades. However, access to Sweeney's is extremely difficult, and any improvement to the vehicular access to the site is bound to be expensive (Mick McKenzie - personal comment).

- 5.3 There is little potential for dimension stone resources in the area covered by EL 59/94. Argillic alteration of feldspars is extensive. Other alteration minerals include pyrite and other sulphides. Iron staining is widespread, including on recently exposed granite surfaces such as track cuttings. Quartz-tourmaline veins and nodules are common, as are aplitic dykes.

The best area for potential dimension stone quarries of the red Heemskirk Granite is the area between the Western Red Mining and Dunn's quarries. This area has the best access and is generally further removed from the known mineralisation at South Heemskirk. However, dimension stone operators have indicated they would prefer a bitumen road to within a few hundred metres of a potential quarry.

- 5.4 Potential investors have shown little interest in the low-grade mineralisation at South Heemskirk. With metal prices continuing to be depressed, there seems little prospect for developing a small scale mining operation based on the known mineralisation at South Heemskirk.

It is therefore proposed to relinquish the area.