

NEWNHAM EXPLORATION & MINING SERVICES

**OPEN FILE**

**EL 43/94 CORINNA AREA**

**PARTIAL RELINQUISHMENT REPORT**

**MICROFILMED**  
FICHE No.015338-

MINERAL RESOURCES	
EL43/94	PT 2
11 APR 2000	
See folio 5A	

For:

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2000  
22 January 1999

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Partial Relinquishment Report - EL43/94 - Corinna Area.  
Goldstream Mining NL; Newnham Exploration and Mining Services, L.A. EL43/94

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## 1. INTRODUCTION

EL 43/94 of 127 sq km lies south of Savage River township (Fig 1).

It was granted on 02 February 1995 and is jointly held by Goldstream Mining NL and Titan Resources NL, who have explored the area under a joint venture heads of agreement dated 21 December 1995.

The principal exploration target is proterozoic iron formation-hosted gold deposits.

Following several years of active exploration, it has been decided to relinquish approximately half of the licence area.

## 2. WORK COMPLETED ON EL 43/94

Following is a summary of work completed on EL 43/94 by the tenement holders.

The results of this work are contained in Company reports listed in Section 4 following.

- (a) **Aeromagnetic survey** of the whole licence at 50 m line spacings and flight height of 40 m.

The dual purposes of this survey were, firstly, to define iron formation which might host gold deposits and, secondly, to identify structures which may have influenced the formation of such deposits.

- (b) **Stream sediment survey** involving collection of panned concentrates and -80# fraction samples from 115 sites. This work outlined several gold anomalous areas, two of which reflected known historical workings at Rocky River and Lucy Spur. The third area was an area known as Lefroy Ridge East.

Studies of panned gold suggested that the gold was locally derived from proterozoic sources and was not subjected to substantial transport.

- (c) **Detailed stream sediment sampling** programs were then undertaken at 334 sites around these three prospect areas. Extensive low order anomalies were defined.

- (d) **Eight (8) cored drill holes** totalling 2,200 m were drilled into these three prospects.

At Lefroy Ridge East two drill holes intersected chloritic schists and metabasalts, which contained spotty weakly anomalous gold in places.

An EM survey was completed on one of these holes.

At Lucy Spur three drill holes intersected schist which had been intruded in places near the old workings by a greisenised granite. Rock chip samples from this granite were Au and Sb anomalous.

Two adits were channel sampled. The drilling and adit sampling generally produced only low order anomalous results.

At Rocky River three drill holes intersected only patchy, weakly anomalous gold.

- (e) **The stream sediment sampling** was then extended to more distal areas around Lucy Spur, Rocky River and Lefroy Ridge East.
- (f) **Soil sampling programs** were undertaken on grids established over the Lucy Spur, Rocky River and Lefroy Ridge East areas and defined a number of low order anomalies.

### 3. AREA TO BE RELINQUISHED

The area to be relinquished is shown on the attached Fig 2.

### 4. REFERENCES

The following references relate to work on the whole of EL 43/94.

(a) *"Corinna EL 43/94 Annual Report for the Period February 3, 1995 to February 2, 1996"*, by Robin FC Morrill, December 1995, MRT ref 96-3821

(b) *"Exploration Licence No 43/94 Corinna, Western Tasmania Annual Report to 4/1/97"*, by NJ Turner Geological Services Pty Ltd, 22 October 1997, MRT ref 97-4074

Contains two attached reports:

- *"Microscopic Examination of Gold Particles in Panned Concentrate Samples"*, by HD Nolan

- *"A Petrographic and Geochemical Investigation of Gold: Arthur Mobile Belt, Western Tasmania"*, by Paul Kitto

(c) *"Exploration Licence No. 43/94 Corinna, Western Tasmania Annual Report to 4/1/98"*, by NJ Turner Geological Services Pty Ltd, 18 December 1997, MRT ref 97-4108

Contains two attached reports dealing with:

- logs and petrographic reports for eight cored drill holes

- interpretation of magnetic anomalies

- down-hole EM survey

- enhanced digital plans

- (d) "EL 43/94 *Corinna Western Tasmania Annual Report to 4/1/99*",  
by NJ Turner Geological Services Pty Ltd, 31 July 1998, MRT ref  
99-4261

Contains a report on rock sample petrography by Terry Leach  
and Co.

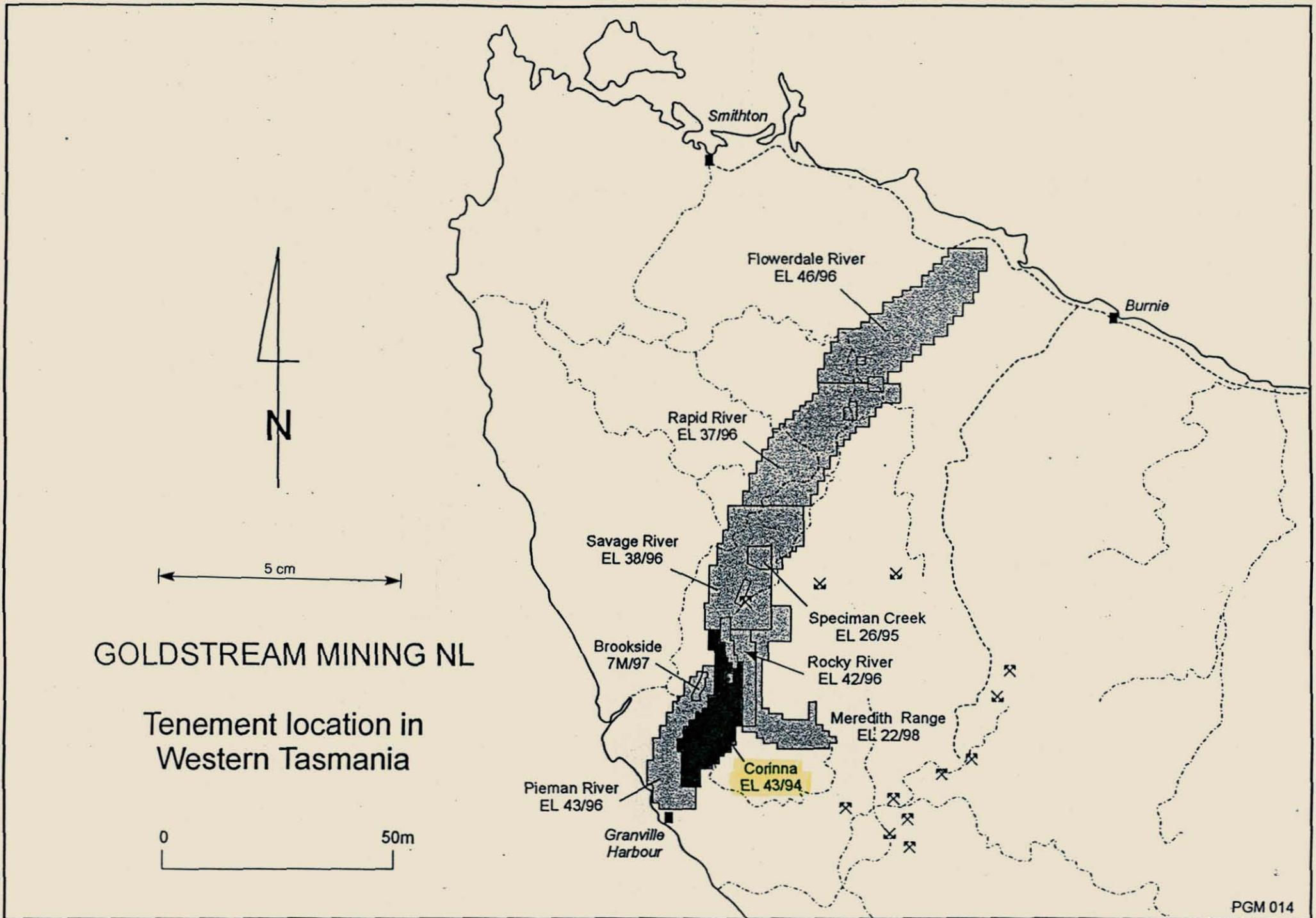
## 5. ENVIRONMENTAL REHABILITATION REPORT

On the area of EL 43/94 to be relinquished, no field work was undertaken which had any impact on the existing environment.

Work was confined to airborne surveys and limited stream sediment surveys which required no clearing of vegetation either for access or sampling.

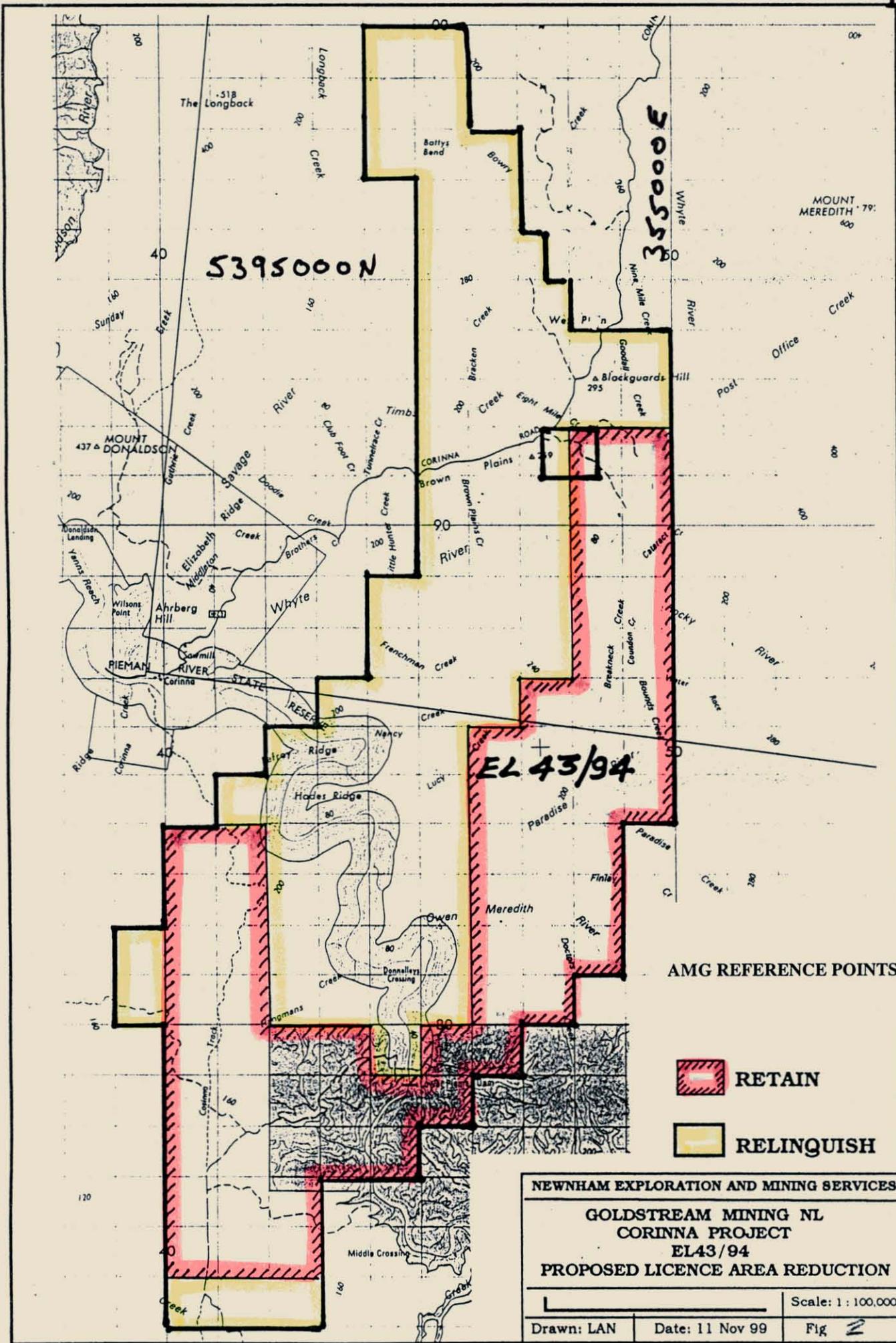
In light of the above, no rehabilitation work was undertaken.

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Fig. 1



AMG REFERENCE POINTS ADDED

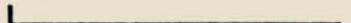
 **RETAIN**

 **RELINQUISH**

NEWNHAM EXPLORATION AND MINING SERVICES

GOLDSTREAM MINING NL  
CORINNA PROJECT  
EL43/94

PROPOSED LICENCE AREA REDUCTION

		Scale: 1 : 100,000
Drawn: LAN	Date: 11 Nov 99	Fig 

5 cm