

# COMINEX

Exploration License 61/94  
Arthur River – Roger River

Report on Exploration Activity  
June 1997 to June 1998

MINERAL RIGHTS UNIT
EL 61/94
22 JUL 1998
See folio 58

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June 1998

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ANNUAL REPORT - EL 61/94  
ARTHUR RIVER-ROGER RIVER  
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## 1.0 Introduction

This annual report covers exploration activities on Exploration License 61/94 (Fig 1) during the period 9 June 1997 to 9 June 1998. Exploration License 61/94 is held by Cominex with exploration activities conducted by Pacific Nevada Mining Pty. Ltd under a joint venture agreement commenced on 6 May 1998. Pacific Nevada compiled this report on Cominex's behalf.

### 1.1 Location and Access

Exploration license 61/94 comprises 2 small areas covering 23 km<sup>2</sup> in the Arthur River – Roger River area of northwest Tasmania (Fig 1). Access is via all weather sealed and gravel roads extending south from Smithton.

### 1.2 Tenure and Land Usage

The northern portion of the Exploration License 61/94 incorporates the Roger River State Reserve. The remainder covers private property, State Forest and the Sumac Forest Reserve.

## 2.0 Geology

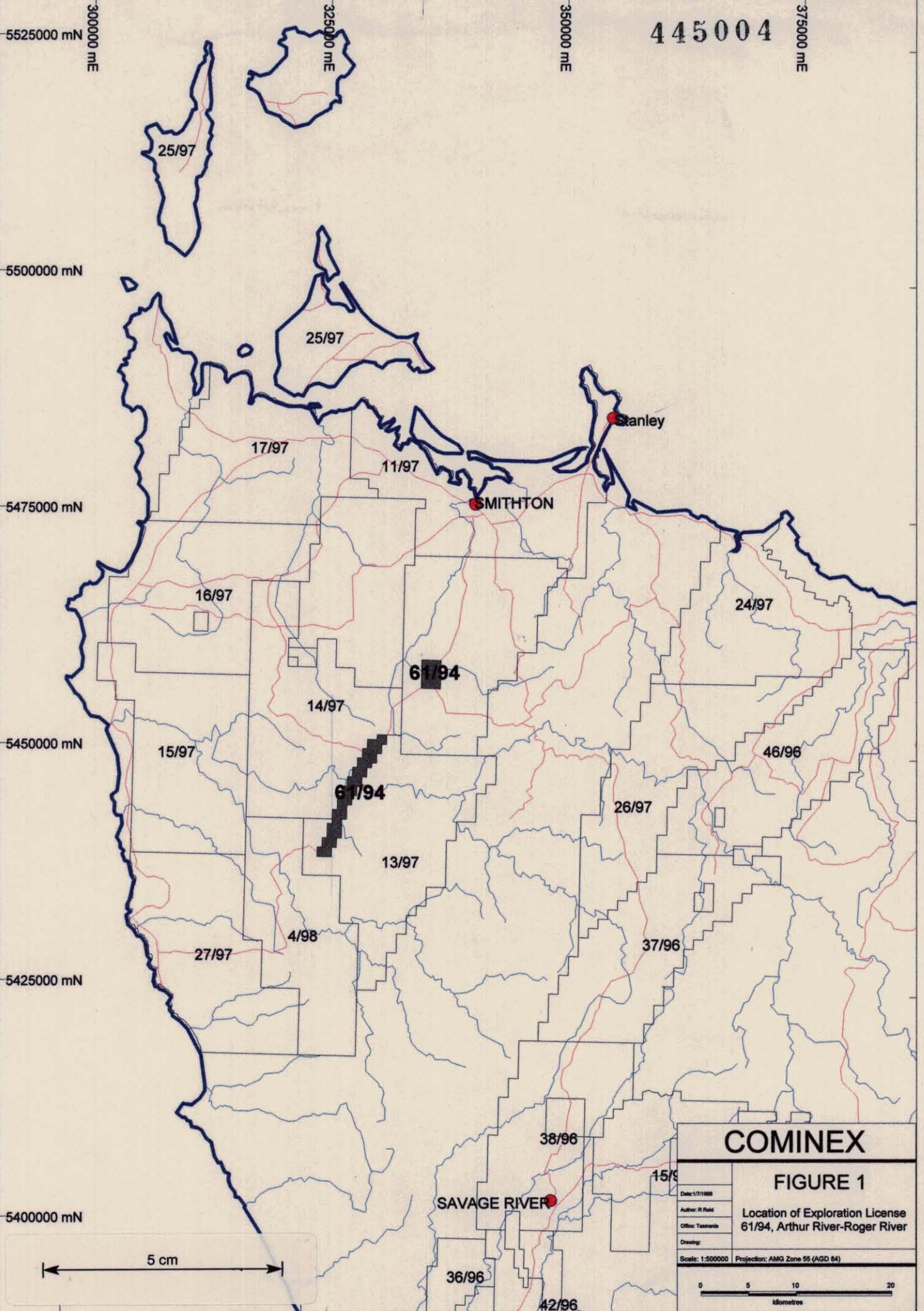
In a regional context, the area's geology comprises a sequence of clastic sedimentary rocks, mafic volcanic rocks, dolomite and chert; the NeoProterozoic aged Togari Group (Seymour and Calver, 1995). Exploration License 61/94 encloses approximately 15km of strike length of the Roger River Fault, which separates the Smithton Dolomite in the west from Kanunnah Subgroup basalt dominated sequences to the east.

## 3.0 Exploration Potential and Philosophy

Potential ore deposit target types of interest to Pacific Nevada within Exploration License 61/94 are:-

- Proterozoic iron-formation Au (Homestake model)
- Proterozoic iron-formation Cu-Au pipes (Selwyn/Starra)
- Proterozoic sediment-hosted Cu (eg. Kupferschiefer/White Pine)
- Paleozoic Au-Cu skarn (dolomite host)
- Magnesite

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## FIGURE 1

Location of Exploration License 61/94, Arthur River-Roger River

Date: 1/7/1998

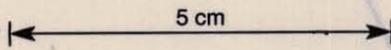
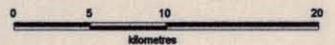
Author: R Field

Office: Tasmania

Drawing:

Scale: 1:500000

Projection: AMG Zone 55 (AGD 84)



## 4.0 Work Conducted

The license area has been subject to collation and review of existing data, as well as complete coverage by airborne EM and aeromagnetics. Field mapping and geochemical sampling to follow up airborne geophysical anomalies will commence during the next reporting year.

### 4.1 Geophysics

Airborne EM and Aeromagnetics surveys, covering the entire lease area, were flown at 150m line spacing and 50m EM bird elevation. The survey was conducted by UTS Geophysics (Perth) and comprised part of a regional survey by Pacific Nevada Mining Pty. Ltd., flown during the period 17/5/98 to 27/5/98. Survey results are pending.

## 5.0 Expenditure

Geology	\$5,200
Geophysics	\$8,700
Geochemistry	\$0
Administration	\$1,350
Total Expenditure	\$15,250

## 6.0 References

Seymour, D. B., and Calver, C. R., 1995. Explanatory notes for the Time-Space Diagram and Stratotectonic Elements Map of Tasmania. Tasmanian Geological Survey Record 1995/01.