

# OPEN FILE

FINAL REPORT ON  
MCN'S 3290 TO 3298  
MT RINGWOOD AREA

ZAPOPAN N.L. (75%)  
NOBELEX LIMITED (25%)

CR 92 / 052

Our Ref:

92.013-RM:AH

JANUARY, 1992

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**Figure 1      Tenement Plan**

**Figure 2      Regional Geological Setting**

## 1. INTRODUCTION

Mineral Claims N3290 to N3298 (inclusive) were granted for a period of five (5) years from 25th July, 1989 to Zapopan N.L. (75%) and Nobelex Limited (25%). The claims covered a total area of 333.09 ha comprising one (1) block in the vicinity of Mt Ringwood Station homestead (Figure 1).

The block covered by the claims was previously held by Nobelex Limited under Exploration Licence 4217 and Zapopan earned an interest in that licence with a programme of work carried out in 1988.

Following a reassessment of the area Zapopan decided to relinquish its interest in the claims at the end of 1990, however it took Nobelex ten (10) months to execute a form of surrender. The claims were finally surrendered on 9th October, 1991.

## 2. GEOLOGY

The regional geological setting of the area is illustrated in Figure 2. Mapping by the BMR shows south closing synclinal folds in the south western and south eastern corners of the area. These are largely interpreted from aerial photography and on the ground there is not sufficient exposure to confirm the structure. A near north-south anticlinal axis is inferred to exist beneath soil and alluvium bordering Ryans Creek between the two synclines.

The limited exposure consists of greywackes, siltstones and minor conglomerates believed to be part of the early Proterozoic Burrell Creek Formation. Quartz veins cutting the sediments have been sampled (M Rogers & Associates, 1985) and yielded values of < 0.05 g/t Au.

Samples of colluvium taken over 50 m intervals (J W Shields, 1987) reported between 0.03 and 0.07 g/t Au.

The Goodall Gold orebody of Western Mining Corporation is situated 3.5 km south of the area and consists of quartz and sulphide stockworks and disseminations in greywackes of the Burrell Creek Formation in the axial zone of an anticline. This anticline may be the same as the inferred fold beneath Ryans Creek in the area of the claims.

### 3. PREVIOUS WORK

As previously stated the area subject to the claims was held under Exploration Licence 4217 by Nobelex Limited.

Work carried out on the licence comprised interpretation of Landsat imagery and aerial photography, with limited field reconnaissance and rock chip sampling. This work is reported by M Rogers & Associates (1985) and J W Shields (1987).

In August, 1988 Zapopan N.L. entered into an agreement to earn an interest in the licence by expending a minimum of \$15,000 on exploration during its final year.

In October, 1988 Zapopan carried out a programme of open hole percussion (RAB) drilling to test for gold mineralisation in bedrock below the floodplain superfcials.

Seven east-west fences of vertical RAB holes were drilled, with a spacing of 250 metres between fences and 25 metres between holes.

Drilling was carried out by Civil Resources Ltd using a track mounted CD 350 drilling rig with a 600 cfm 350 psi compressor.

It was intended to drill each hole until bedrock was reached and sample the base of the overburden and the top of the bedrock with fire assay for gold. Because of the failure of the rig to satisfactorily drill through deep overburden not all holes reached bedrock, and not all of the proposed fences were attempted.

In total 100 holes were drilled, and of these only 64 successfully reached bedrock.

Because of the overburden problem only the most southerly drill fence effectively traversed the inferred anticlinal hinge line. On this traverse two holes encountered anomalous gold in bedrock, reporting 0.48 and 0.29 g/t Au. Two samples on drill fence F3 also reported anomalous gold at 0.41 g/t and 0.15 g/t.

The absence of significant gold values in bedrock in the remaining drill holes is discouraging, but is inconclusive because of incomplete coverage of the main zone of interest.

### 4. WORK CARRIED OUT

During 1990 Zapopan re-assessed its various tenement holdings and due to the absence of significant gold values in the claim areas it was decided to relinquish them.

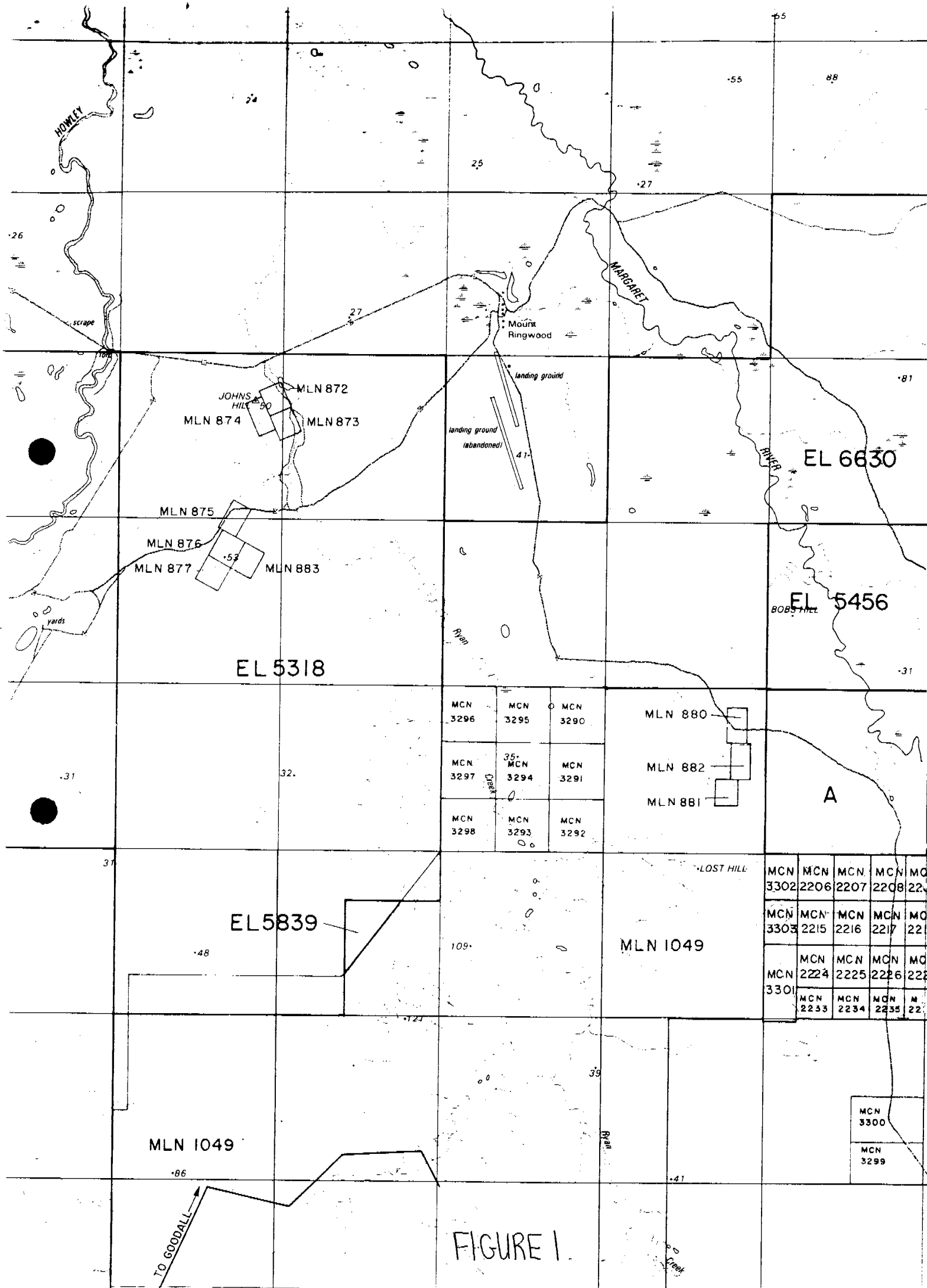
Nobelex Limited were approached as to their intentions with the claims and it took that company ten (10) months to decide to also relinquish their interest.

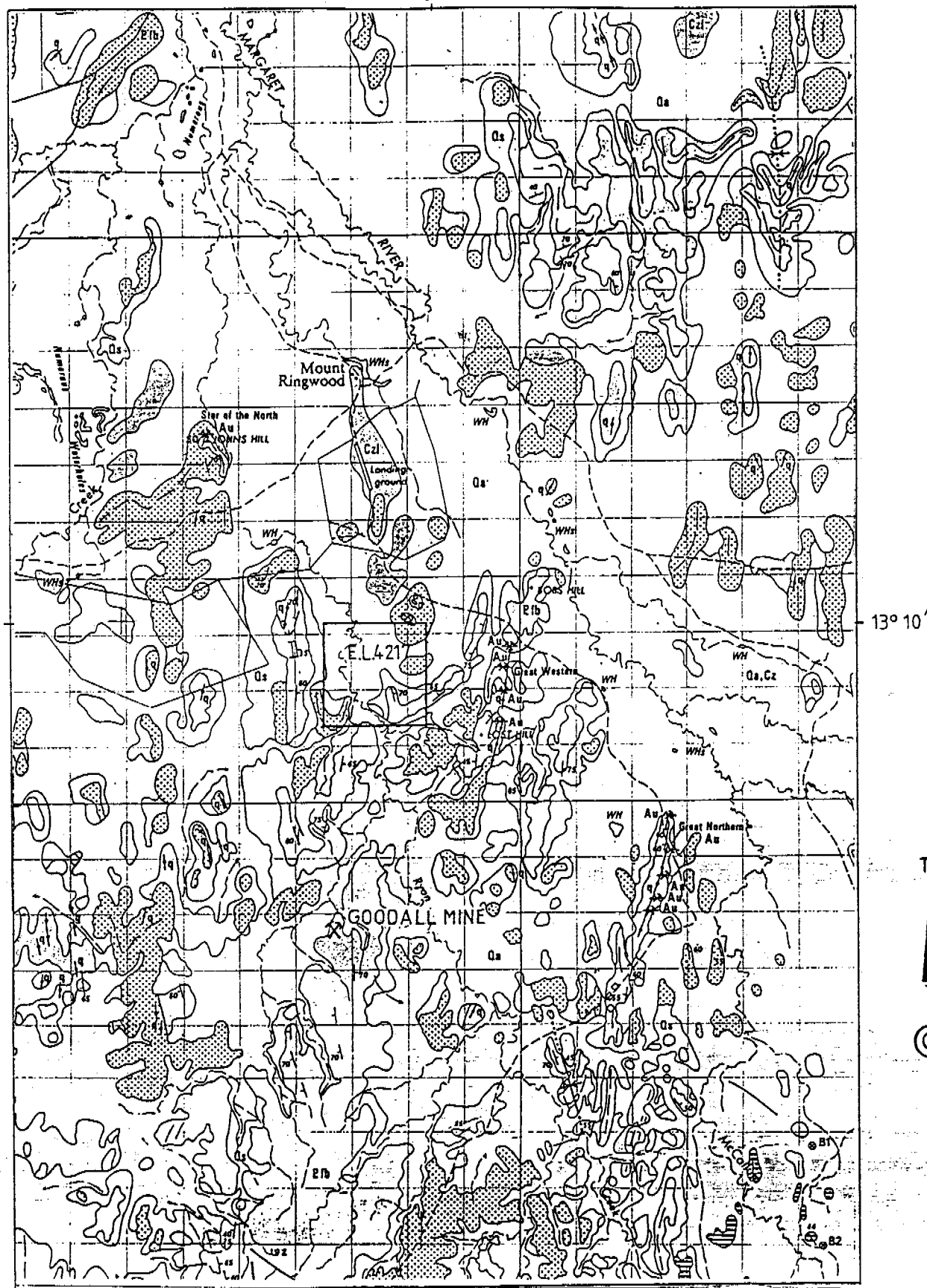
The claims were ultimately surrendered on 9th October, 1991.

5. **CONCLUSIONS**

The completed programme of close spaced fences of shallow RAB holes was inconclusive because of unexpectedly deep overburden. Four holes encountered anomalous gold values in bedrock close to the inferred position of the Goodall anticline.

However, both Zapopan and Nobelex decided that further work in this areas was not warranted.





GEOLOGICAL MAP  
Fig. 2

Source: 1:100,000 GEOLOGICAL SPECIAL  
GEOLOGY OF THE BATCHELOR-HAYES CREEK REGION