

SUMMARY REPORT
ON THE
ARGUS CLAIM GROUP
TOODOGGONE LAKE AREA, OMINECA M.D.
NTS 94E/7W

BY

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SUMMARY AND CONCLUSIONS

The Argus claims cover a gold-silver-copper prospect in the Toodoggone River area, approximately 300 kilometers north of Smithers, B.C. Previous work delineated a large anomalous area of interest by reconnaissance silt and soil geochemistry. Mineralization occurs as pyrite, chalcopyrite and rare galena in quartz and quartz-carbonate veins within Toodoggone volcanics and Omineca intrusions. Assays of twelve mineralized rock chip samples are as follows: 10 - 180 ppb Au; 1.0 - 3.8 ppm Ag; and 0.02 - 0.91% copper.

These preliminary results indicate excellent potential for the discovery of epithermal precious metal deposits on the Argus claims.

RECOMMENDATIONS

A program of detailed geological mapping, soil geochemistry and geophysical surveys is proposed to locate and define the main sources of gold, silver and copper mineralization on the Argus property.

PROPERTY AND OWNERSHIP

The property consists of the Otto, Ian, Paul and Adrian claims, which together comprise 78 claim units (Figure 2). The claims were recorded on March 25, 1985 and are owned by the Toodoggone Syndicate.

LOCATION AND ACCESS

The claims are located between elevations of 1,200 to 2,000 metres, approximately 10 kilometers northeast of the Baker gold mine, and 15 kilometers east of the

Lawyers gold-silver deposit of Serem Inc. These precious metal deposits occur in the Toodoggone Lake area, 300 kilometers north of Smithers, B.C. (Figure 1). Access to the Argus property is presently by fixed and rotary winged aircraft. The B.C. Government is considering a proposal from Serem Inc. to extend the Omineca Road from Moose Valley to the Lawyers property.

GEOLOGY AND MINERALIZATION

The claims are underlain by feldspar porphyry, andesite, and crystal tuffs of the Toodoggone and Hazelton Groups, intruded by quartz monzonite, monzonite and diorite. A major regional northwest fault trends across the area (Figure 3). It extends as far north and across the JD property of Energex Minerals Ltd. A parallel regional fault structure connects the Baker Mine, Serem's Lawyers deposit, and the A1 property of Energex.

Precious and associated base metal mineralization in the district appears to be related to these major fault structures. The mineralization often occurs in quartz veins, quartz-carbonate veins, silicified zones and amethystine breccia zones mainly within the Toodoggone volcanic rocks. Significant reserves which have been outlined in the Toodoggone gold camp are:

Baker Mine	- DuPont of Canada	52,000 tons 1.07 oz/T Au, 23.2 oz/T Ag
Lawyers	- Serem Inc.	561,000 tons 0.21 oz/T Au, 7.1 oz/T Ag
A1	- Energex Minerals Ltd.	160,000 tons 0.37 oz/T Au

Recent surface and underground work has increased the Lawyers reserves to 1,400,000 tons (grade unknown).

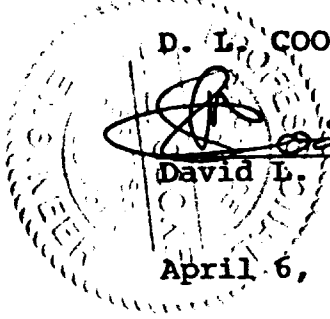
PROPERTY POTENTIAL

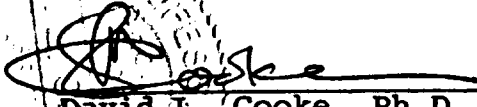
Reconnaissance silt and contour soil sampling by previous workers returned anomalous conditions for silver (2 - 6 ppm), gold (10 - 200 ppb), copper (150 - 820 ppm), lead (100 - 770 ppm) and zinc (200 - 1600 ppm). All anomalies are extensive, excepting gold which appears spotty because of possible vein-type nature of the mineralization. The results from chip samples are insufficient to explain the extensive nature of the geochemical anomalies. Much more detailed work is required to pin-point the source of these anomalies.

A detailed program of geological mapping, soil geochemistry and geophysics is therefore warranted.

Report by:

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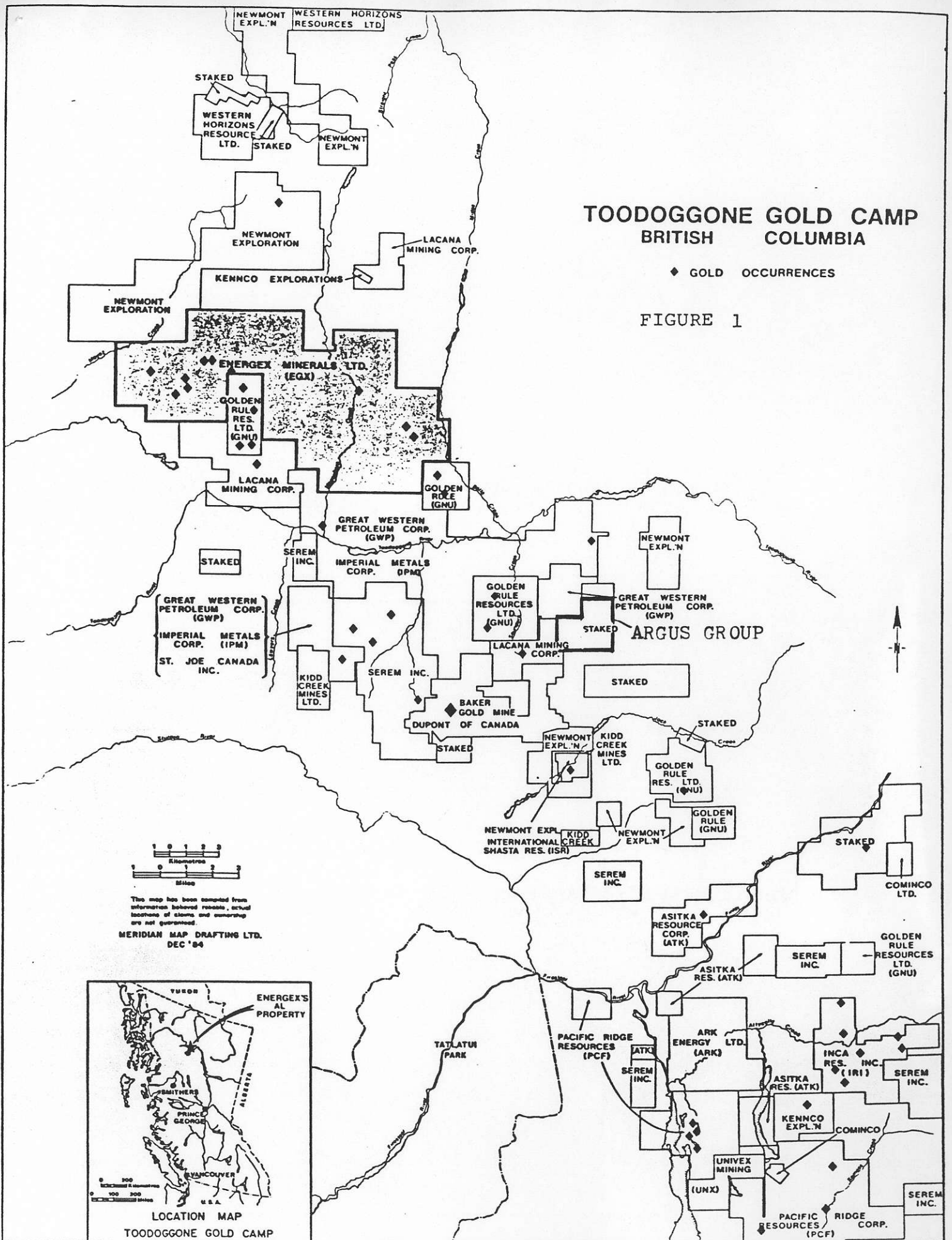

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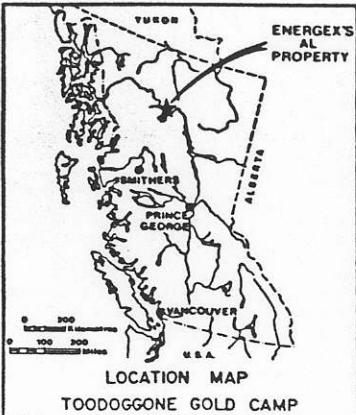
TOODOGGONE GOLD CAMP BRITISH COLUMBIA

◆ GOLD OCCURRENCES

FIGURE 1



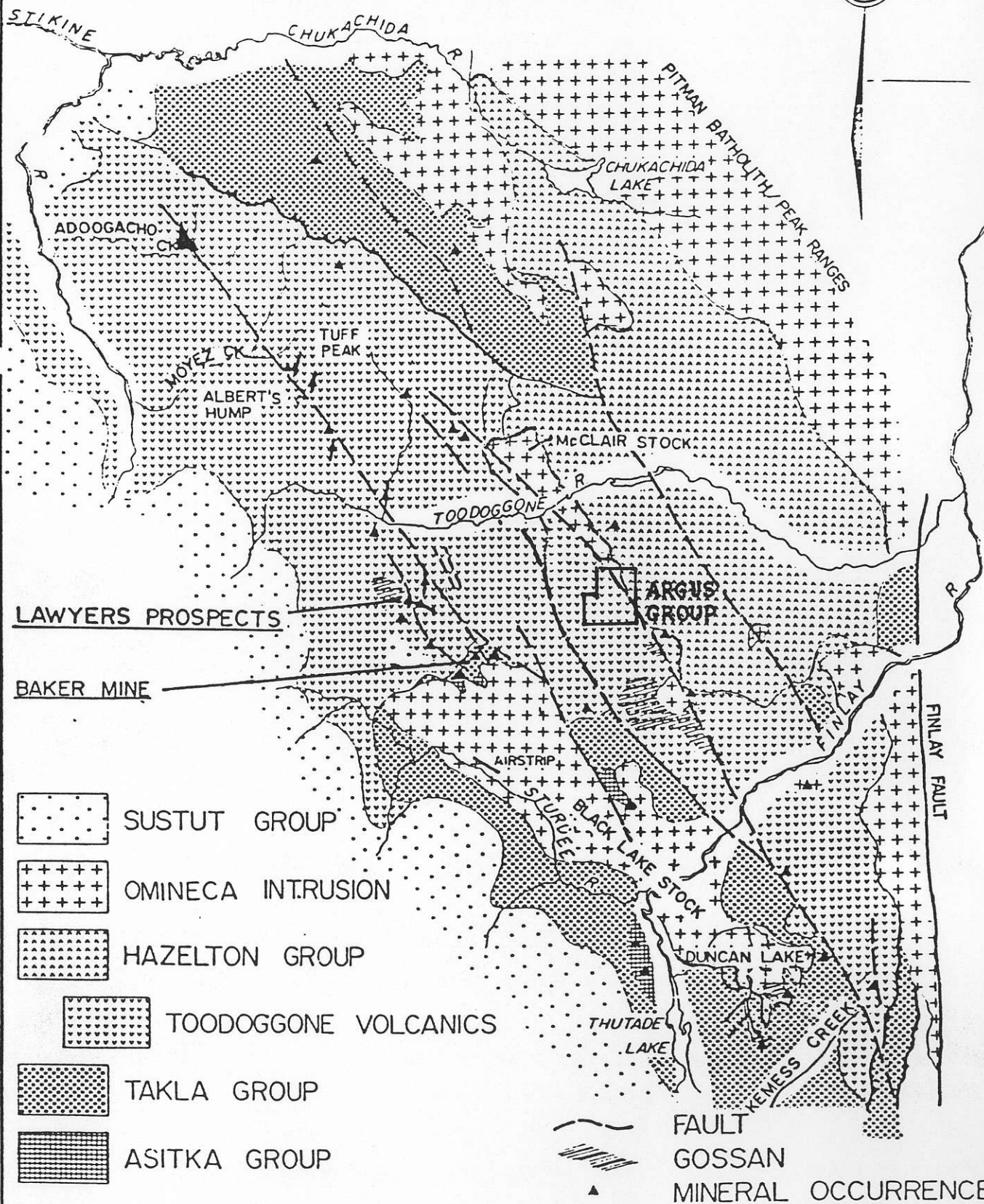
This map has been compiled from information believed reliable, actual locations of claims and ownership are not guaranteed.
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REGIONAL GEOLOGY

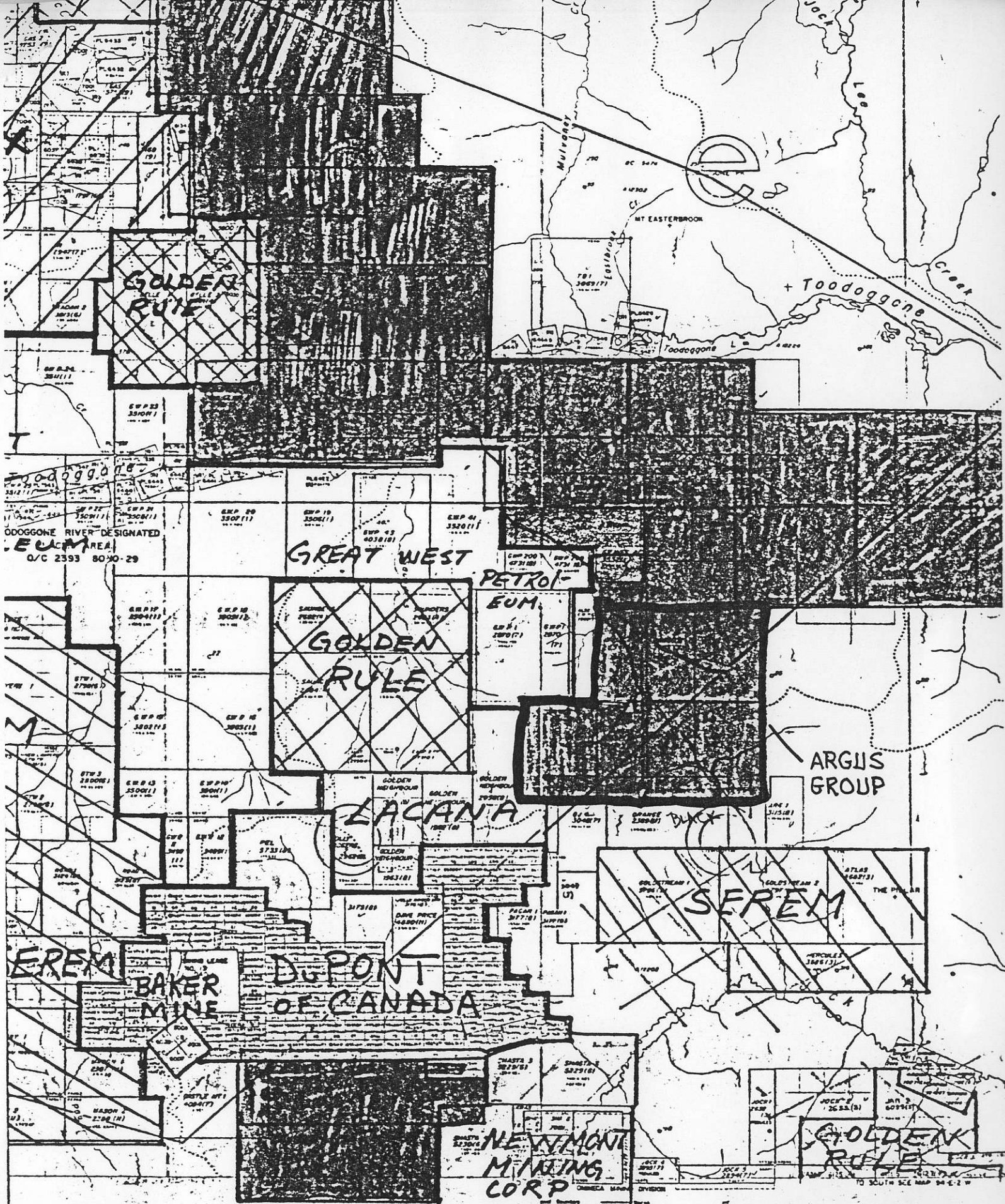
TOODOGGONE LAKE AREA

OMINECA M.D. NTS 94E



Scale 25 km

FIGURE 3



DEPARTMENT OF MINES AND PETROLEUM RESOURCES

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DEPARTMENT OF MINES AND PETROLEUM
**ARGUS GROUP
 CLAIM MAP**

1:50,000

FIGURE 2

M 94 E/11W

M 94 E/6W

TO WEST SEE MAP 94 E-5 E

TO WEST SEE MAP 94 E-5 E

