

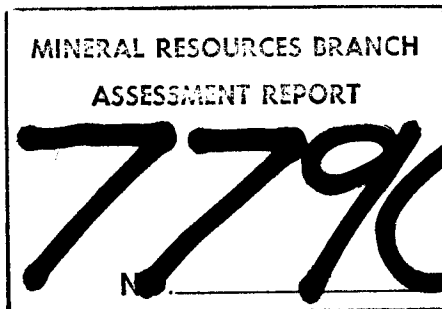
May 536(9)  
May #2 705(3)

A  
REPORT  
ON THE  
GLEN LAKE CLAIMS  
PEACHLAND, B. C.

by

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July 13th, 1979



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## ILLUSTRATIONS

COPPER GEO CHEM RESULTS in ppm.

GOLD GEO CHEM RESULTS in ppm.

## INTRODUCTION

The Glen Lake property consists of two claim groups; the Marg staked in October, 1978 and the Marg # 2 staked in March, 1979. These claims are approximately ten miles south of Brenda Mines and ten miles west of Peachland, B.C.

The property is easily accessible by two-wheel drive vehicle on a well preserved gravel road from Peachland. The property has a well developed network of logging roads. This report is based upon the work carried out by the author during May and June of 1979.

## LOCATION AND ACCESSIBILITY

The Glen Lake property follows the valley and adjoining slopes of a small creek, referred to locally as Camp Creek, draining into Geln Lake. Coordinates of the property are approximately  $49^{\circ} 44.5''$  N and  $120^{\circ} 005'$  W.

Access is by gravel road from either Peachland or Princeton. The road directly traverses the entire length of the property.

Peachland is 275 miles from Vancouver; Princeton 181 miles by first class highway. Peachland is a short distance south of Kelowna or north of Penticton, both of which are serviced by Pacific Western Airlines.

### CURRENT WORK PROGRAMME

An 800 meter base line with grid lines extending to each side for 250 meters was established on the Marg and Marg #2.

Geo-chem sampling was carried out at 50 meter intervals. Care was taken that all samples were obtained from the "B" horizon. Samples were run for copper and gold. This program qualifies as prospecting.

The potassic zone was checked by scintillometer. Scintrex B.G.S-2 Scintillation Counter

### RESULTS

Some zone and scattered highs were obtained in both gold and copper. No trends were evident, probably due to the varying depth of the overburden.

Between two and three times background radioactivity was indicated on all potassic altered rock exposures. No indicative readings were obtained in overburden.

### CONCLUSIONS

There seems to be sufficient evidence to indicate a larger altered area than exposed by surface trenching. Gold values are present in the soils.

\*NB-This report does not qualify as a geochemical report as I am not formally qualified. I have 34 years experience in mining exploration. I currently have a property in Salmo starting the second season of exploration by B.P. Minerals, and another property going into B.P. Minerals.

The subject properties are approximately one to one and one half miles north of Thirston on the Kettle Valley route of the Canadian Pacific Railway. This is still an active route with daily traffic.

#### PREVIOUS WORK

Some trenching was carried out by Don Agur of Summerland in the early sixties to expose a potassic altered zone. Copper values were not sufficient at that time for commercial viability. The property was optioned to Juniper Mines Ltd in the middle sixties along with a sercitic altered zone to the south-west. No further work was done on the potassic zone.

#### RESULTS

An average of .87% copper across a 410 foot trench excavated by bulldozer.

#### PRESENT OBSERVATIONS

Surface leaching creates a problem in this area due to the highly altered and porous nature of the host rock. It is quite possible that better grades may be present below the leached zone. It is also quite possible that gold values may be present in the host rock.

RECOMMENDATIONS

From the results of the geo-chem samplings it is recommended that the grid be enlarged in all directions with geo-chem sampling done for gold and copper at 50 meter intervals with these extensions trends may become evident.

An attempt to obtain rock samples from or near geo-chem highs should be made to ascertain possible values in the host rock.

Further scintillometer tests should be carried out on rock exposures as the 2-3 times background readings may be present throughout the entire zone.

Respectfully submitted,

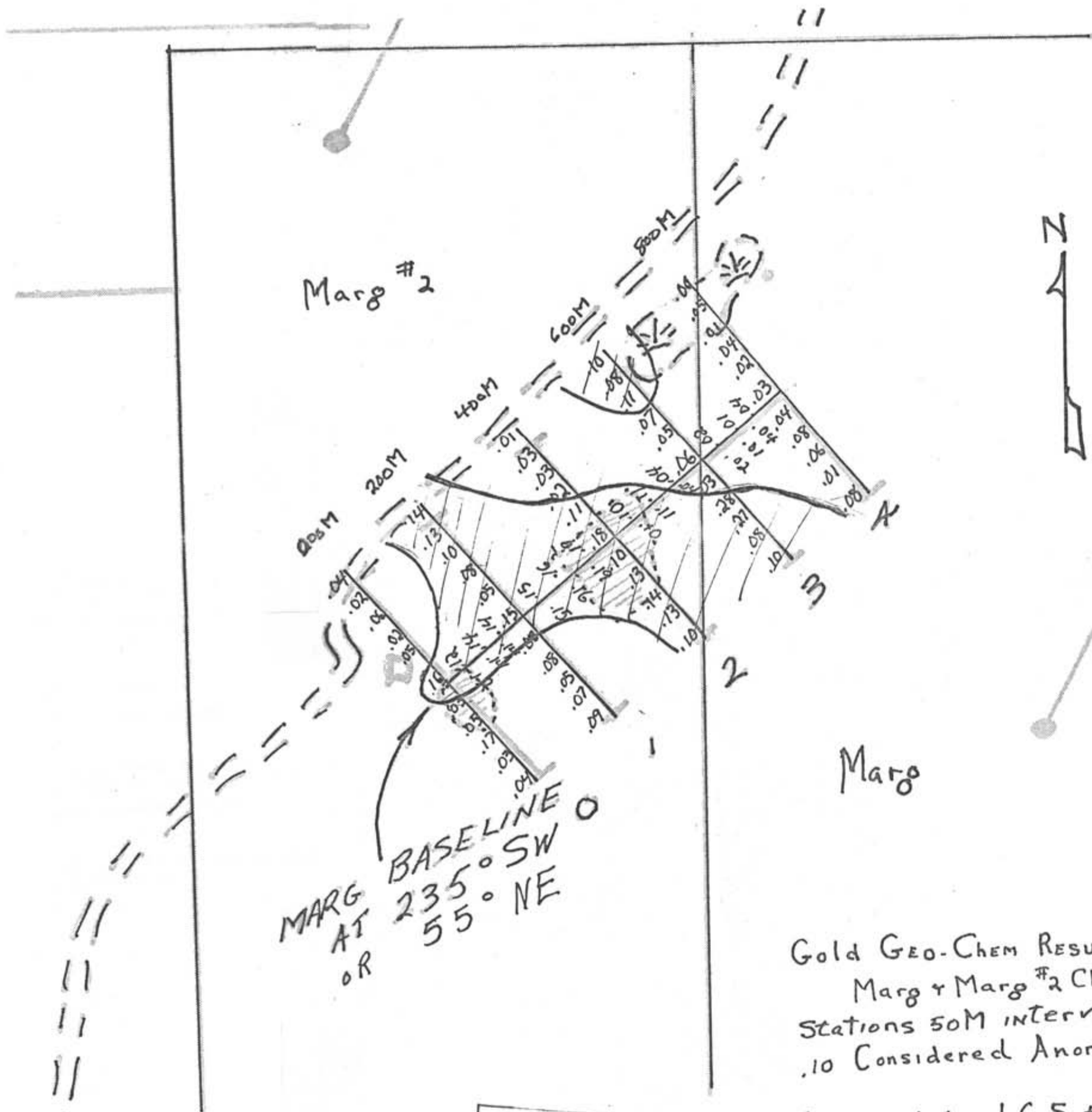
A handwritten signature in cursive script that reads "Ian G. Sutherland".

Ian G. Sutherland

COMBINED STATEMENT OF EXPENSES  
FOR MARG 536(9) & MARG NO.2 705(3)

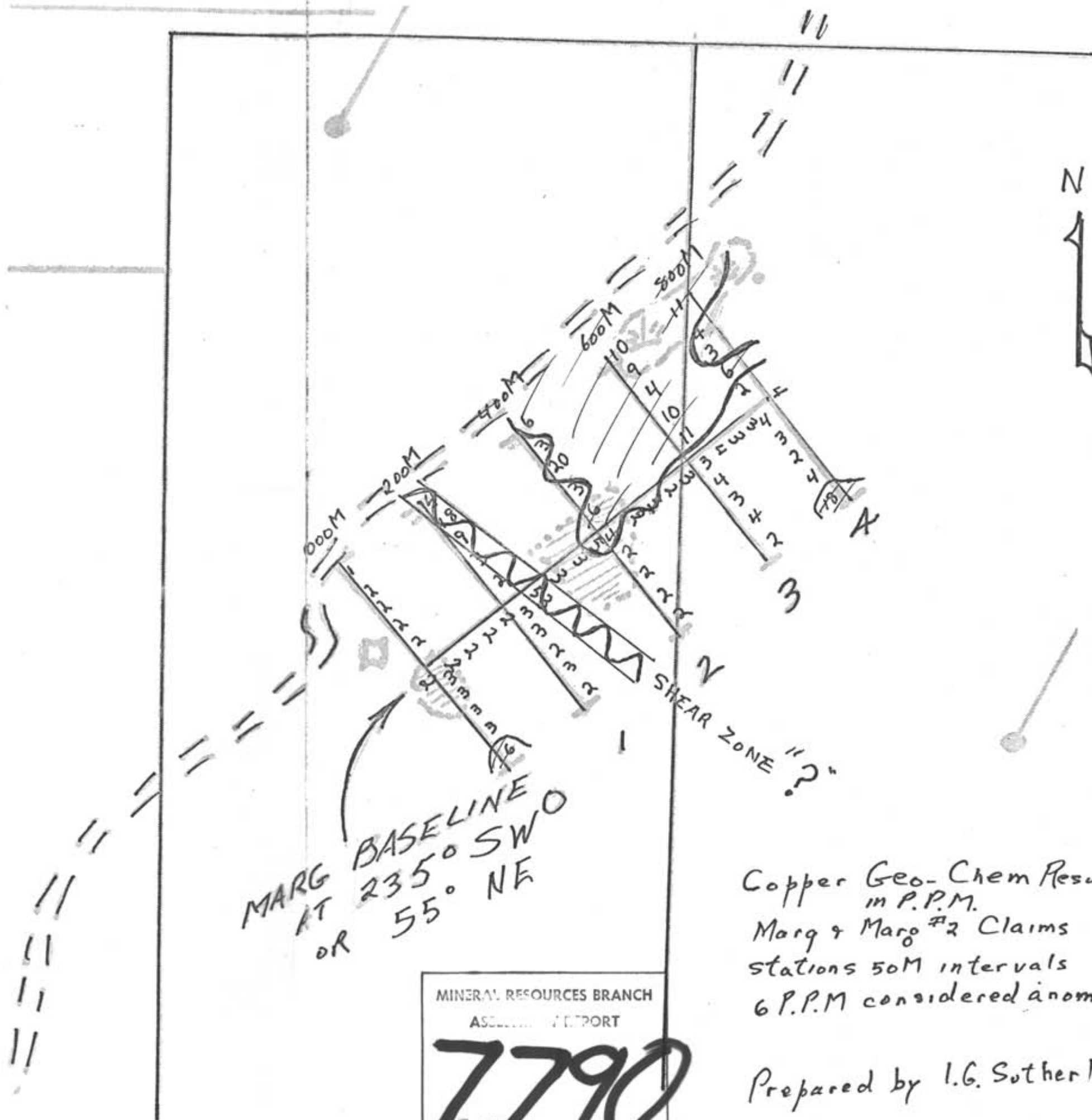
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	<u>Marg</u>	<u>Marg No.2</u>	<u>Total</u>
1,650 M base and grid line chained, picketed, flagged and sampled on each claim. Two men for four days on each claim at \$75/per day stations at 50M intervals	\$600.00	\$600.00	\$1,200.00
Fluorescent flagging	12.15	12.15	24.30
Provisions	40.00	40.00	80.00
Use of 4 x 4 truck	50.00	50.00	100.00
Prospector and 1 man for 2 days scintilometer survey with Scintrex BGS-2 Scintillation counter	150.00	150.00	300.00
Testing of 33 Geo Chem samples for gold and copper by General Testing Laboratories	165.00	165.00	330.00
Propane gas and truck gas	15.00	15.00	30.00
Maps and prints	-	50.00	50.00
Preparation of reports, compilation of results etc., and miscellaneous expenses	175.00	175.00	350.00
	<u>\$1,207.15</u>	<u>\$1,257.15</u>	<u>\$2,464.30</u>



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**7790**  
NO





MARG AT 235° SW  
OR 55° NE

SHEAR ZONE " ? "

Copper Geo-Chem Results  
in P.P.M.  
Marg & Marg #2 Claims  
stations 50M intervals  
6 P.P.M considered anomalous

Prepared by I.G. Sutherland