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Geochemical Report

DYNAMIC OIL LTD.

Lance 1-6, 8-11 claims

Stump Lake area

Kamloops & Nicola M.D., B.C.

Lat. $50^{\circ}22'N$ Long. $120^{\circ}27'W$

N.T.S. 92 I/8W

AUTHOR: Glen E. White, B.Sc.,
P.Eng., Geophysicist

DATES OF WORK: March 31 - April 4,
May 27 - June 5, 1981

DATE OF REPORT: June 30, 1981

Glen E. White

GEOPHYSICAL CONSULTING & SERVICES LTD.

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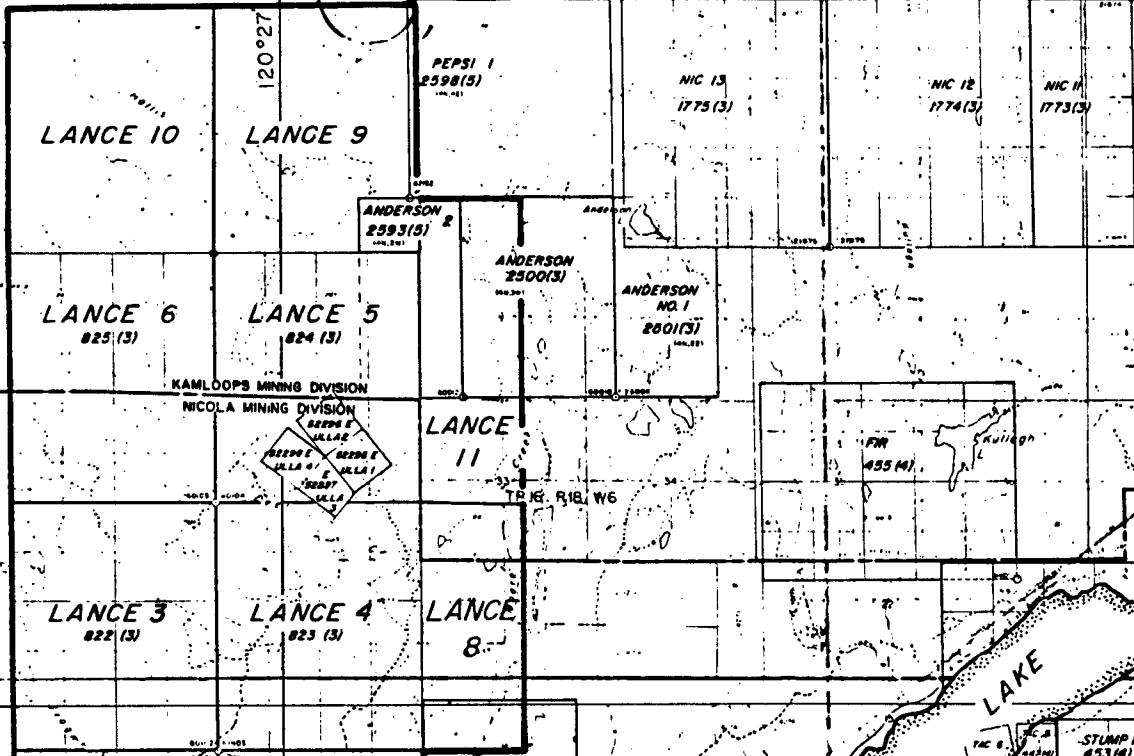
ILLUSTRATIONS

- Figure 1 Location and claims map
- Figure 2 Geochemical map - copper
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- Figure 5 Geochemical map - zinc

TP17 R19 W6

1432 (10)

TP17 R19 W6



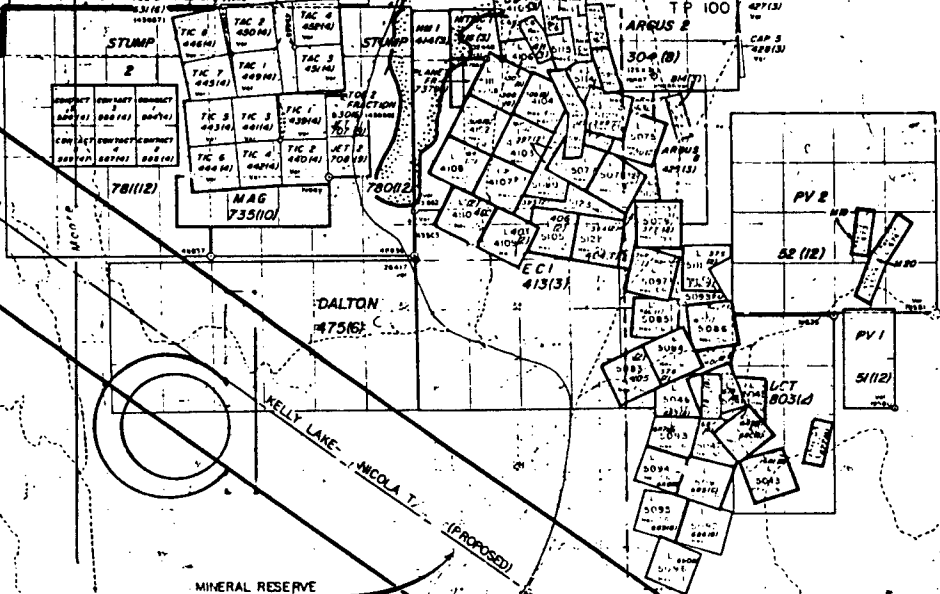
50°22'30"

LANCE 2
821 (3)

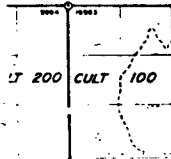
LANCE 1
820 (3)

LANCE 8
821 (3)

MINERAL RESERVE
O/C 1772 29-6-78
SUBJECT TO CONDITIONS



MINERAL RESERVE
O/C 1772 29-6-78
SUBJECT TO CONDITIONS



0 1000 2000 3000
METRES

DYNAMIC OIL LIMITED

LANCE CLAIMS

KAMLOOPS & NICOLA M.D.B.C.

LOCATION MAP

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NTS 92-I-8 W

FIGURE 1

INTRODUCTION

A reconnaissance induced polarization program completed over the Lance claims during the summer of 1981 detected a strong chargeability anomaly in the area of known porphyry type copper-molybdenum mineralization.

This report describes a geochemical soil sampling program that was undertaken during the spring of 1981 from March 31 - April 4 and May 27 - June 5. The purpose of the survey was to try and find any near surface copper-molybdenum mineralization that may be associated with the chargeability anomaly.

PROPERTY

The property consists of the Lance mineral claims listed as follows and illustrated on Figure 1.

<u>CLAIM</u>	<u>RECORD #</u>	<u># UNITS</u>	<u>RECORD DATE</u>
Lance 1	820	20	March 26/80
Lance 2	821	20	March 26/80
Lance 3	822	20	March 26/80
Lance 4	823	20	March 26/80
Lance 5	824	20	March 26/80
Lance 6	225	20	March 26/80
Lance 8	926	10	August 8/80
Lance 9	2869	20 ✓	August 8/80
Lance 10	2870	20	August 8/80
Lance 11	943	12 ✓	August 26/80
Total Units		182	

LOCATION AND ACCESS

The Lance mineral claims are located some 5 km north-west of Stump Lake, B.C., Lat. $50^{\circ}22'N$, Long. $120^{\circ}27'W$, N.T.S. 92 I/8W.

Access into the claim area is by unimproved forestry access dirt roads from the western side of Stump Lake.

GENERAL GEOLOGY

The general geology of the area is illustrated on the Nicola map sheet, Map 886A, 92 I east half. The claim blocks are shown as being underlain by the Nicola Lake batholith of Jurassic age. Locally the granite batholith encompasses a small area of chlorite schist, quartz-mica schist and amphibolite, which can appear gneissic in composition. The mineral inventory map shows an old copper-molybdenum showing, known as the Brite Star which was located in claim Lance 11.

GEOCHEMICAL SURVEY

The soil samples were obtained at 50 m intervals along lines orientated in an east-west direction. The reconnaissance induced polarization lines spaced 250 m apart were sampled as well as 23 km of line spaced 125 m apart. A total of some 48 km of soil sampling was completed.

The soil samples were placed in soil envelopes provided by Chemex Labs Ltd. of North Vancouver, B.C. The soil samples were delivered to the above lab where -80 mesh sieving, digestion by hot perchloricnitric acid and analysis by atomic absorption were carried out under the supervision of professional geochemists.

A total of 1338 samples were analyzed for ppm copper, molybdenum, silver and zinc.

DISCUSSION OF RESULTS

The copper geochemical map shows a pronounced 250 m wide south-southeasterly trending anomaly which reaches a high of 1200 ppm above a background of 25 ppm. This anomaly appears to disperse in a fan shape to the southwest which is also the direction of continental glacier movement. A pseudo geochemical linear trends northeast across the survey grid with the majority of the geochemical highs occurring to the southeast of it. Correlation with the zinc data, Figure 5 shows that the zinc highs follow this linear with the majority of the anomalous values occurring to the northwest. The zinc results gave a high of 930 ppm above a background of some 100 ppm.

The molybdenum map, Figure 3 shows a broad anomalous trend of greater than 2 ppm which closely follows the copper geochemical anomaly. Highs of 38,105 and 110 ppm were obtained. The area of known mineralization, which has some interesting fracture faces containing molybdenite, gives values of some 5 ppm. Thus areas of greater than 6 ppm molybdenum as contoured on the map would appear to be of interest. The silver geochemical results show two small anomalies of greater than 0.3 ppm. The anomaly on line 300N gives two values of 1 ppm. This feature is surrounded by spotty 500 ppm copper values. The second anomaly on line 4500 is coincident with the 1200 ppm copper assay. Both anomalies occur just south of the pseudo geochemical linear.

Correlation of the induced polarization and geochemical data shows no geophysical evidence for the pseudo geochemical linear. However the copper-molybdenum results show excellent correlation with the high chargeability trend. Both the copper and molybdenum data as well as the chargeability readings were significantly higher than around the old workings. This would tend to indicate that there workings were on the edge of the area of interest. An alaskite stock as well as a quartz diorite are reportedly in the area of the high copper-molybdenum values. This would suggest that the pseudo geochemical linear may in fact be a lithologic contact with the copper-molybdenum values in a more silica rich environment whereas the zinc results are in a more mafic gneissic dioritic phase.

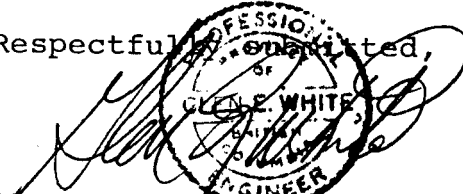
CONCLUSION

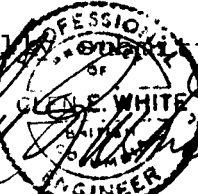
A geochemical soil sampling program was conducted over the reconnaissance induced polarization data on the Lance mineral claims on behalf of Dynamic Oil Ltd.

The geochemical program delineated a pronounced copper-molybdenum anomaly which is directly associated with the high induced polarization chargeability results. The old workings containing some interesting fracture faces bearing copper-molybdenum occur on the downslope edge of the chargeability-geochemical anomalies.

RECOMMENDATIONS

It is recommended that geological mapping be undertaken to examine the relationship of the geophysical-geochemical data and that diamond drilling be undertaken to examine the coincident high geochemical and induced polarization chargeability results.

Respectfully submitted,

Glen E. White, B.Sc., P.Eng.,
Geophysicist



The seal is circular with the text 'PROFESSIONAL ENGINEER' around the top and 'GLEN E. WHITE' in the center. The word 'ENGINEER' is also visible at the bottom of the seal.

STATEMENT OF QUALIFICATIONS

NAME: WHITE, Glen E., P.Eng.

PROFESSION: Geophysicist

EDUCATION: B.Sc. Geophysics - Geology
University of British Columbia

PROFESSIONAL ASSOCIATIONS: Registered Professional Engineer,
Province of British Columbia

Associate member of Society of Exploration Geophysicists.

Past President of B.C. Society of Mining Geophysicists

EXPERIENCE: Pre-Graduate experience in Geology -
Geochemistry - Geophysics with Anaconda
American Brass

Two years Mining Geophysicist with Sulmac
Exploration Ltd. and Airborne Geophysics
with Spartan Air Services Ltd.

One year Mining Geophysicist and Technical
Sales Manager in the Pacific north-west
for W. P. McGill and Associates

Two years Mining Geophysicist and super-
visor Airborne and Ground Geophysical
Divisions with Geo-X Surveys Ltd.

Two years Chief Geophysicist Tri-Con
Exploration Surveys Ltd.

Ten years Consulting Geophysicist

Active experience in all Geologic provinces
of Canada

Glen E. White

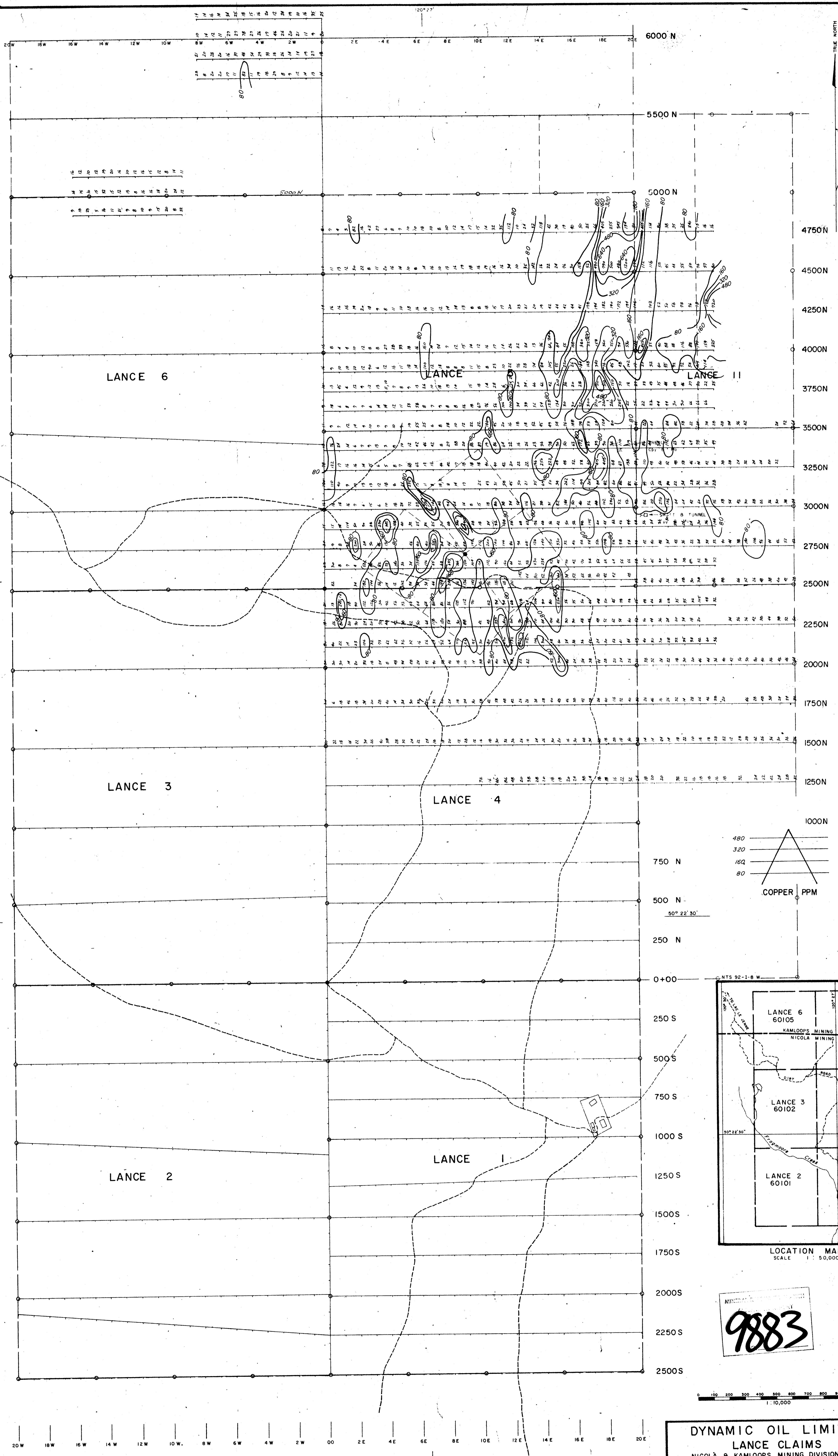
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COST BREAKDOWN

<u>PERSONNEL</u>	<u>DATE</u>	<u>WAGES</u>	<u>TOTAL</u>
M. Gray	March 31-April 4	175	\$ 875.00
M. McPhail	March 31-April 4	140	\$ 700.00
B. Hamiltion	March 31-April 4	135	\$ 675.00
G. McKenzie	May 27-June 5	175	\$ 1,750.00
O. Aarkesjold	May 27-June 5	150	\$ 1,500.00
B. Worrall	May 27-June 5	140	\$ 1,400.00
P. Jette	May 27-June 5	135	\$ 1,350.00

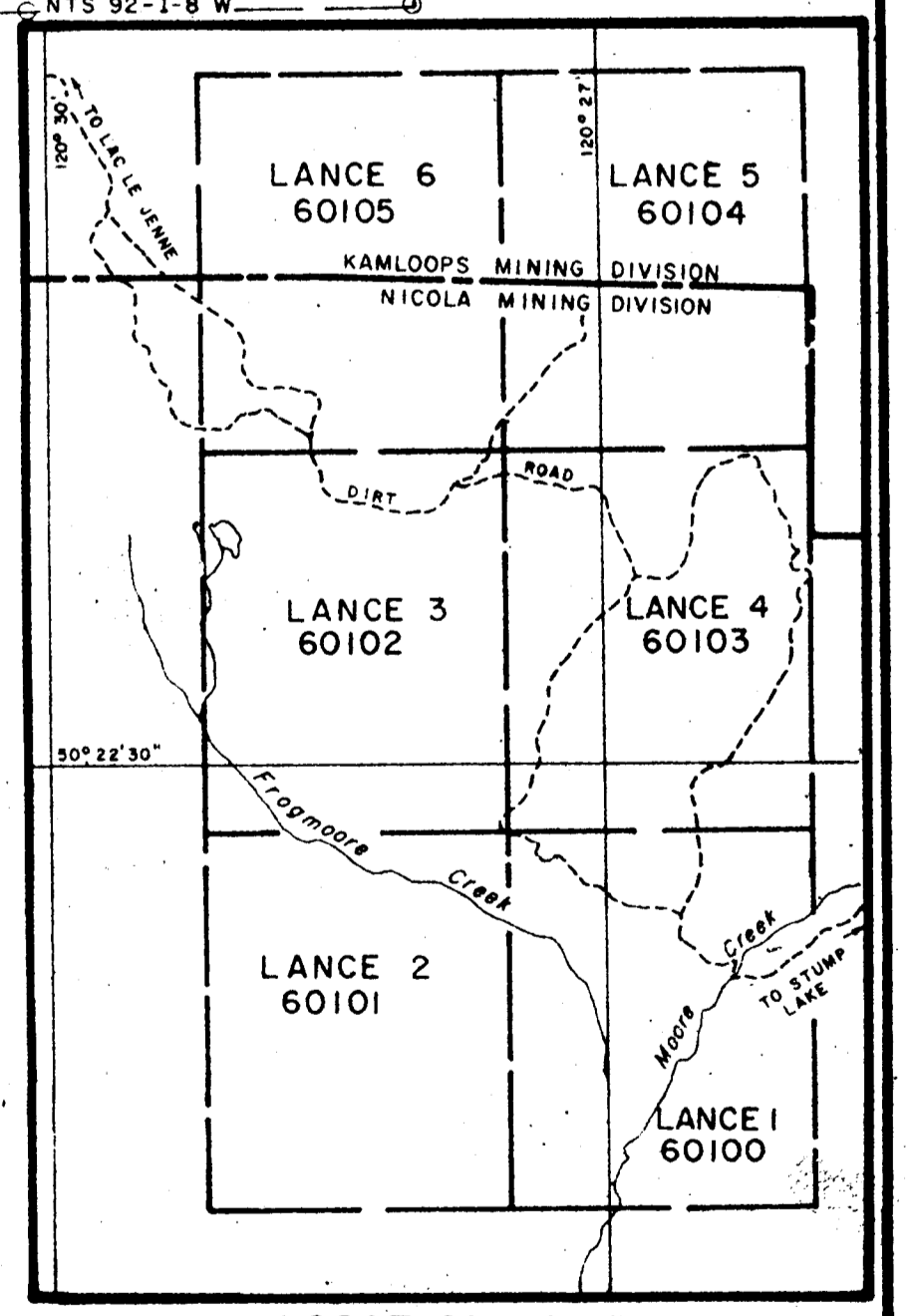
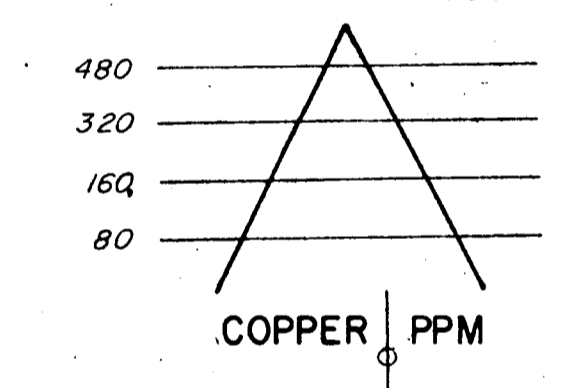
Meals & Accomodations 55 man days	\$ 2,200.00
Vehicle 4x4	\$ 1,275.00
Geochemical analysis	\$ 5,862.65
Drafting interpretation and reports ..	<u>\$ 1,200.00</u>

Total \$18,787.65



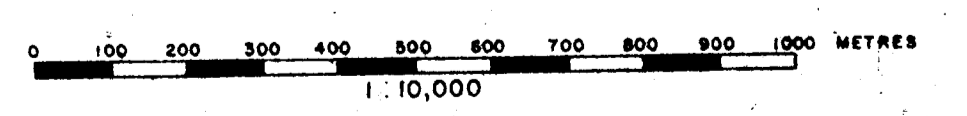
TO LAC LE JEUNE

50° 22' 30"



LOCATION MAP
SCALE 1 : 50,000

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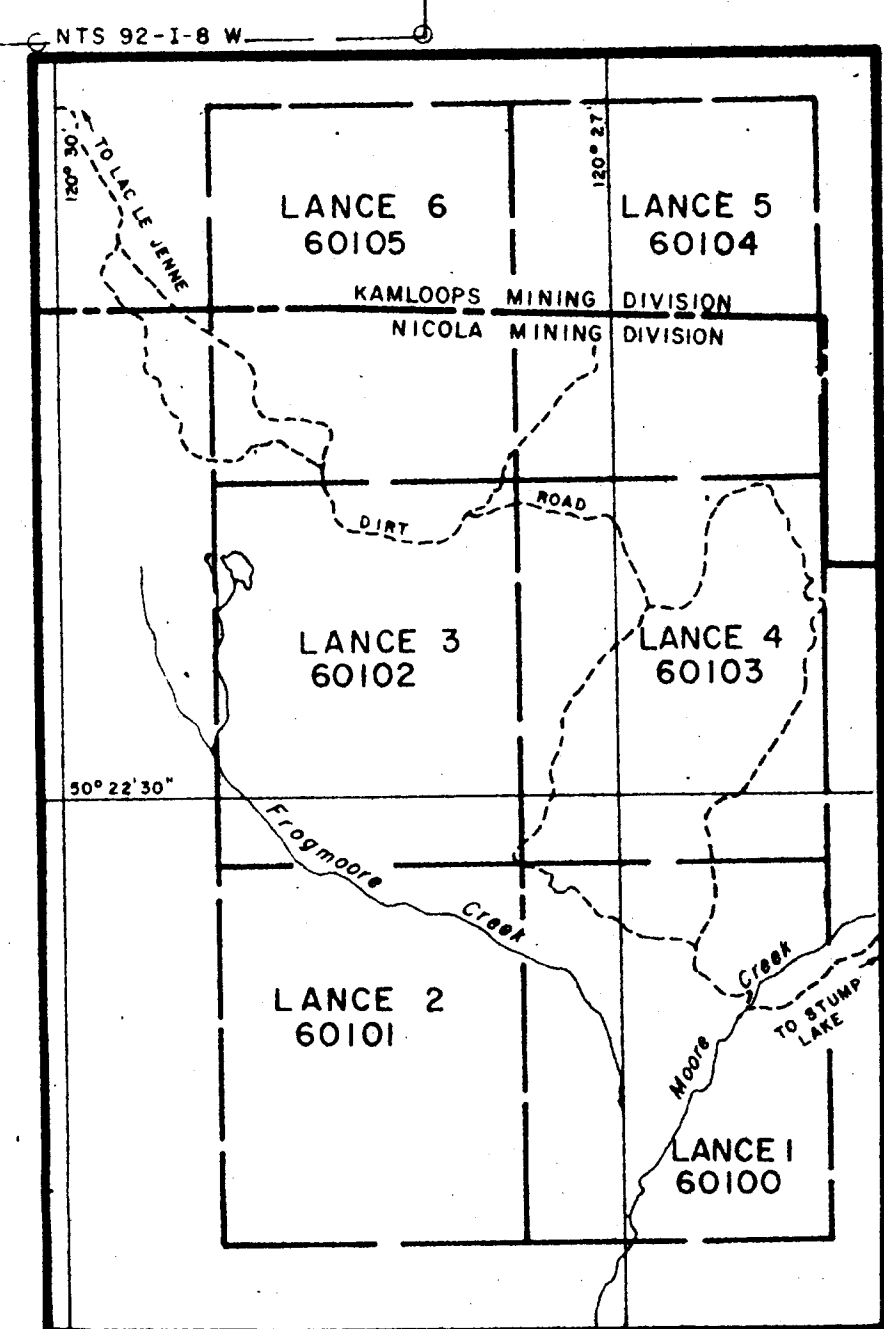
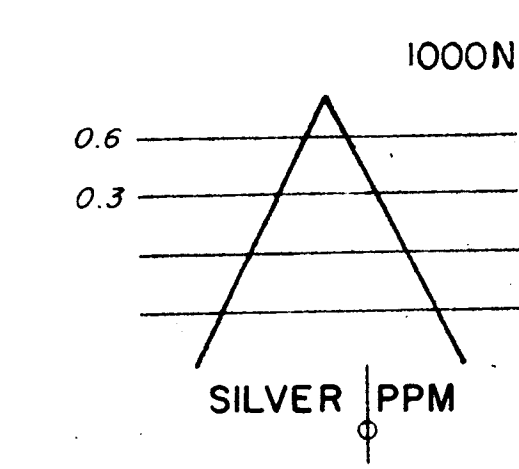
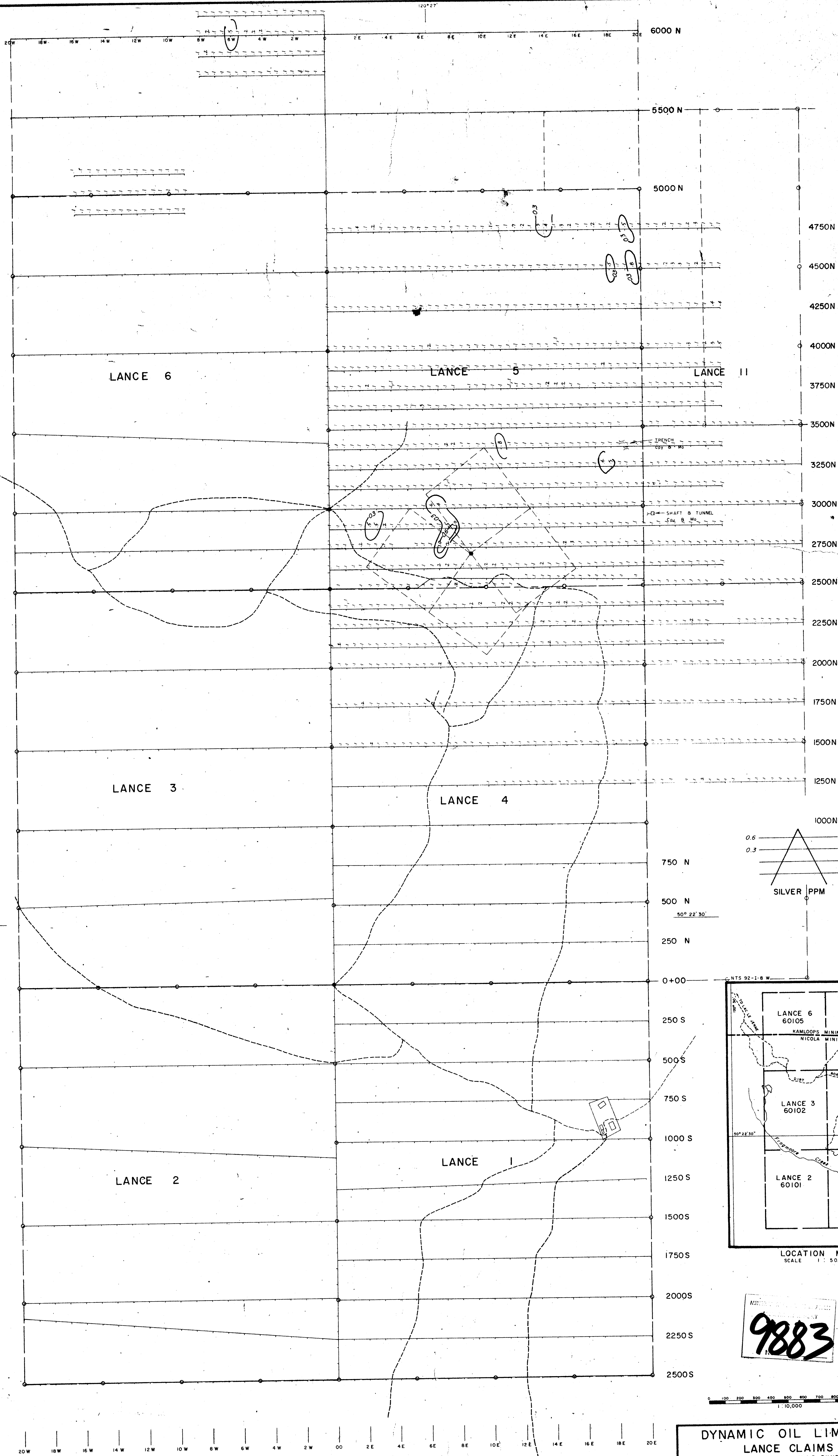
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LANCE CLAIMS
 NICOLA & KAMLOOPS MINING DIVISIONS - B.C.

GEOCHEMICAL MAP
 - COPPER PPM -

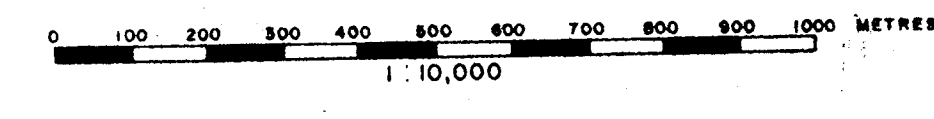
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 services ltd.

INTERPRETED BY: G.E.W.
DRAWN BY: N.L.P.W.
CHECKED BY: G.E.W.
DATE: JUNE / 81
FIG. No. 2

To Accompany Geophysical
 By GLEN E. WHITE - B.Sc.
 GLEN E. WHITE
 GEOPHYSICIST



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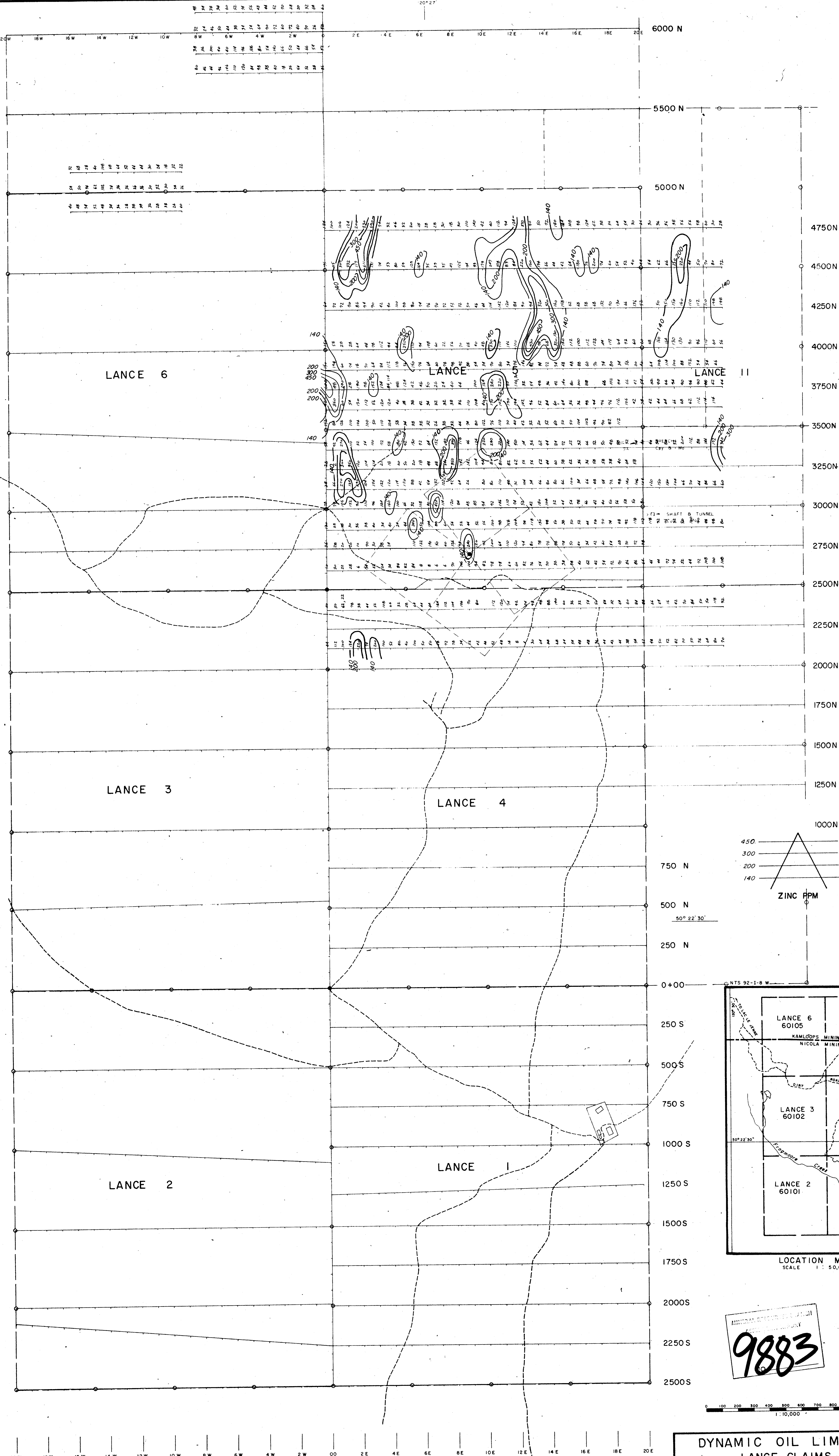


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GEOCHEMICAL MAP
 - SILVER PPM -

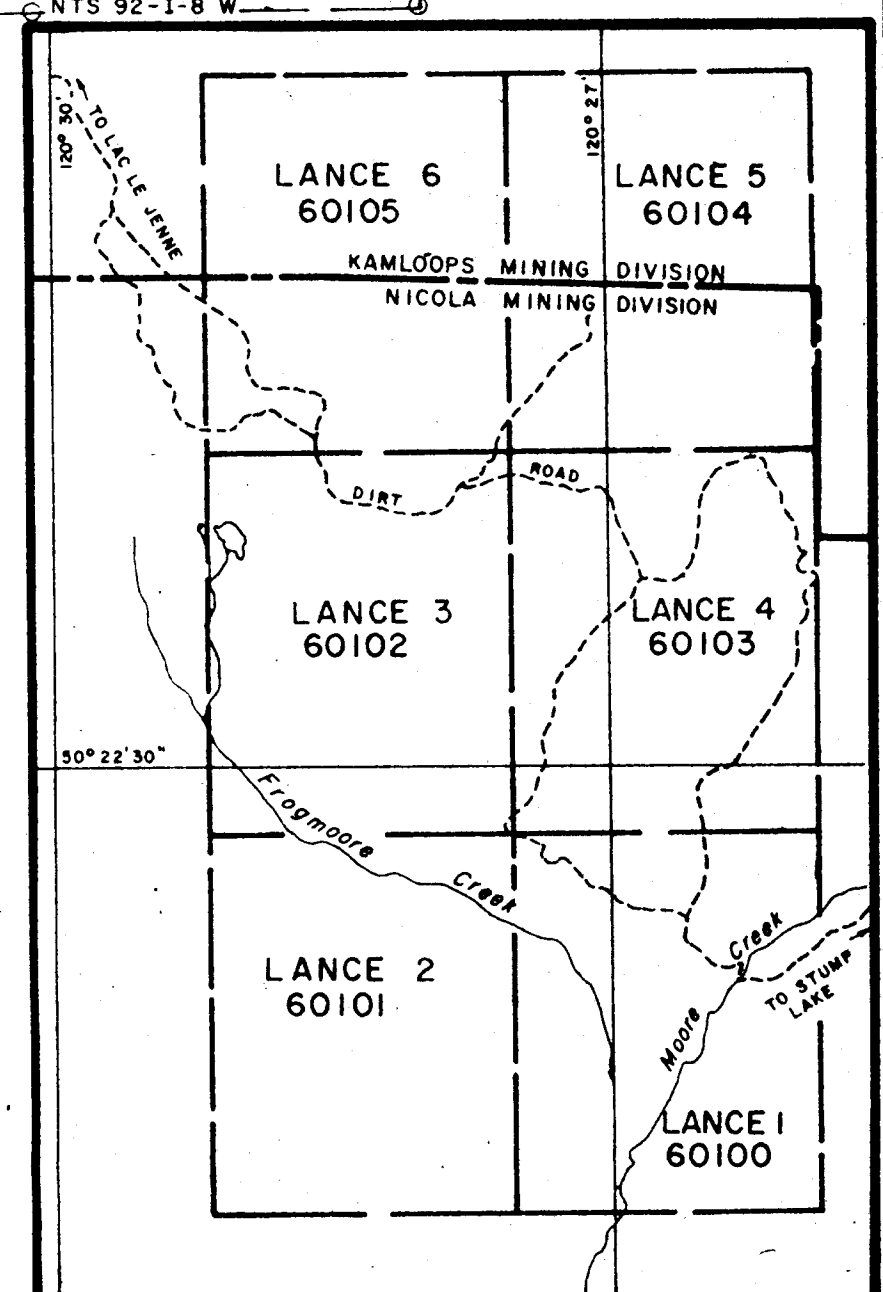
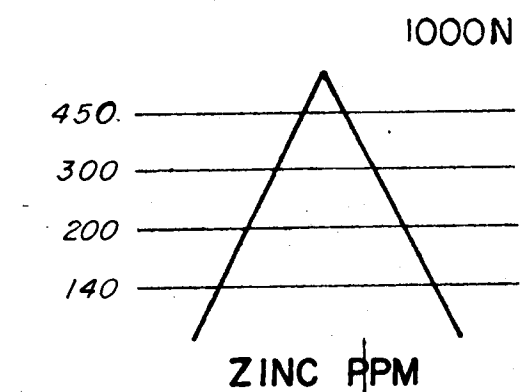
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FIG. No.: 4	

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 Date: _____
 By: GLEN E. WHITE - B.Sc. GEOPHYSICIST

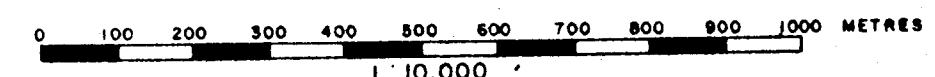


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50° 22' 30"



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GEOCHEMICAL MAP
 ZINC PPM

<i>Glen E. White</i> geophysical consulting & scanners Ltd.	INTERPRETED BY: G.E.W. DRAWN BY: N.L.P. CHECKED BY: G.E.W. DATE: JUNE/81 FIG. No: 5
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 GLEN E. WHITE
 GEOPHYSICIST