

This is FLC Geophysics Ltd. Report No. 72-207  
Covering the COL 1 & 2, HW 3,4,5 and 6 Claims  
For H. Wiley Wiggins  
Logan Lake, B.C. Kamloops M.D.  
125° W - 50° N 92 I / 7 E  
July 2, 1972 to July 31, 1972.

TABLE OF CONTENTS

	PAGE
Purpose	1
Location	1
Geological Reference	1
Field Personnel	1
Instrumentation	2
Presentation	2
Results	2
Summary	3
Conclusions	3
Recommendation	4
Statement of Costs	5

PLANS

#2 Magnetometer Profile Plan	72-207
#1 Location Plan	72-207-L

FLC GEOPHYSICS LTD.  
250 N. Grosvenor Ave.  
Burnaby 2, B.C.

298-9619

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 3778 MAP

# elc geophysics ltd.

250 NORTH GROSVENOR, VANCOUVER, CANADA TELEPHONE: (604) 298-9619

ELC GEOPHYSICS LTD. REPORT NO. 72-207 COVERING THE COL 1 & 2 and THE HW 3,4,5, and 6 CLAIMS FOR H. WILEY WIGGINS, LOGAN LAKE, B.C. JULY 2, 1972 to JULY 31, 1972. 125° W - 50° N.

---

## Purpose:

A magnetometer survey of 5.4 miles of grid traverse shown on drawing 72-207 was conducted to determine magnetic anomalous features that might be related to showings of copper enrichment found in trenching in the area.

## Location:

The grid covers the COL 1,2 and HW 3,4,5 and 6 claims located approximately 32 miles southwest of Kamloops, B.C. on the Meadow Creek road, 4 miles east of Logan Lake, B. C. 125°45' W. - 50°30' N.

## Geological Reference:

GSC Memoir 249, page 126 (No. 53 Ford Group).

## Field Personnel:

Ron Reece, Rhonda Reece, Ed Wiggins and

Hughie Wiggins.

Instrumentation:

A vertical fluxgate magnetometer M-100 made by Sabre Electronics Ltd. of Vancouver, B.C.

Presentation:

The No 72-207 plan indicates a general north-south control line with perpendicular grid lines spaced approximately 400 feet apart. Value of the readings are shown in gammas in accordance to the scale on the drawing, and are laid out in profile form, utilizing the grid lines for the mean value of 55,000 gammas.

Results:

The west side of the small lake follows closely to the anomaly W1 which appears to be a general fault extending through the property. An apparent contact follows the line C1 with the magnetic anomalous features to the south and west. The main anomalous features on line L16S and L18S indicate a linear anomaly L1 that extends to the trenched area

...con't...

near the base line on line L16S. A magnetic low ML1 extends to the northwest from the base line and is relatively broad which would probably indicate a structural influence. The L2 linear anomaly extends from the contact area C1 to the fault F1 crossing closely to the open cut in the vicinity of the base line at L2N. There is indication of fracturing on the east end of L2 along the fault F1 to the northwest.

Summary:

The area of enrichment in the vicinity of the open cut near the base line at L2N showed some soil sampling enrichment east of the base line and along the fault line of F1 north of the L2 junction for a few hundred feet. The fault F1 appears to throw to the north on the east side.

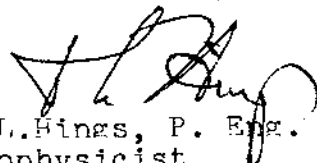
Conclusions:

The anomaly L2 would appear to be associated with the conner enrichment between the base line and the junction of F1. The L1 anomaly parallel to the L2 would appear to be the strike of the formation intersecting the contact C1 in the vicinity of the southern open cut work, near line 16S.

...con't...

Recommendations:

It is suggested that if sufficient values are obtainable from the trenching in these two areas, then a geological assessment is warranted.

  
D.L. Hings, P. Eng.  
Geophysicist.

CB

A statement of Costs for ELC Geophysics Report No. 72-207  
 For H. Wiley Wiggins.  
 Logan Lake B.C. Kamloops M.D. 125° W - 50° N.  
 July 2, 1972 to July 31, 1972.

Field Crew

P.L. Reece	5 days @ 60.00	300.00	
Ed Wiggins	3 days @ 30.00	90.00	
R.M. Reece			
H. Wiggins			
		<hr/>	390.00

Transportation

Station Wagon	5 days @ 12.00	60.00	
Mileage	600 miles @ 10¢	<hr/> 60.00	
			120.00

Living Costs

5 days @ 10.00			50.00
----------------	--	--	-------

Equipment & Supplies

Sabre Magnetometer	5 days @ 10.00		50.00
--------------------	----------------	--	-------

Data Processing & Drafting

P.L. Reece	3 days @ 60.00		180.00
------------	----------------	--	--------

Interpretation & Report

D.L. Hings, P.Eng.			
1 1/2 days @ 120.00			180.00
		<hr/>	

TOTAL COSTS		\$	1000.00
		<hr/>	
		<hr/>	

Declared before me at the

of \_\_\_\_\_, in the

Province of British Columbia **VANCOUVER, B.C.**

day of

**AUG 15 1972**

*[Signature]*  
**Sub. Mining Recorder**

A Commissioner for taking Affidavits within British Columbia and  
 A Notary Public in and for the Province of British Columbia.

*[Signature]*

LOGAN LAKE



AREA SURVEYED

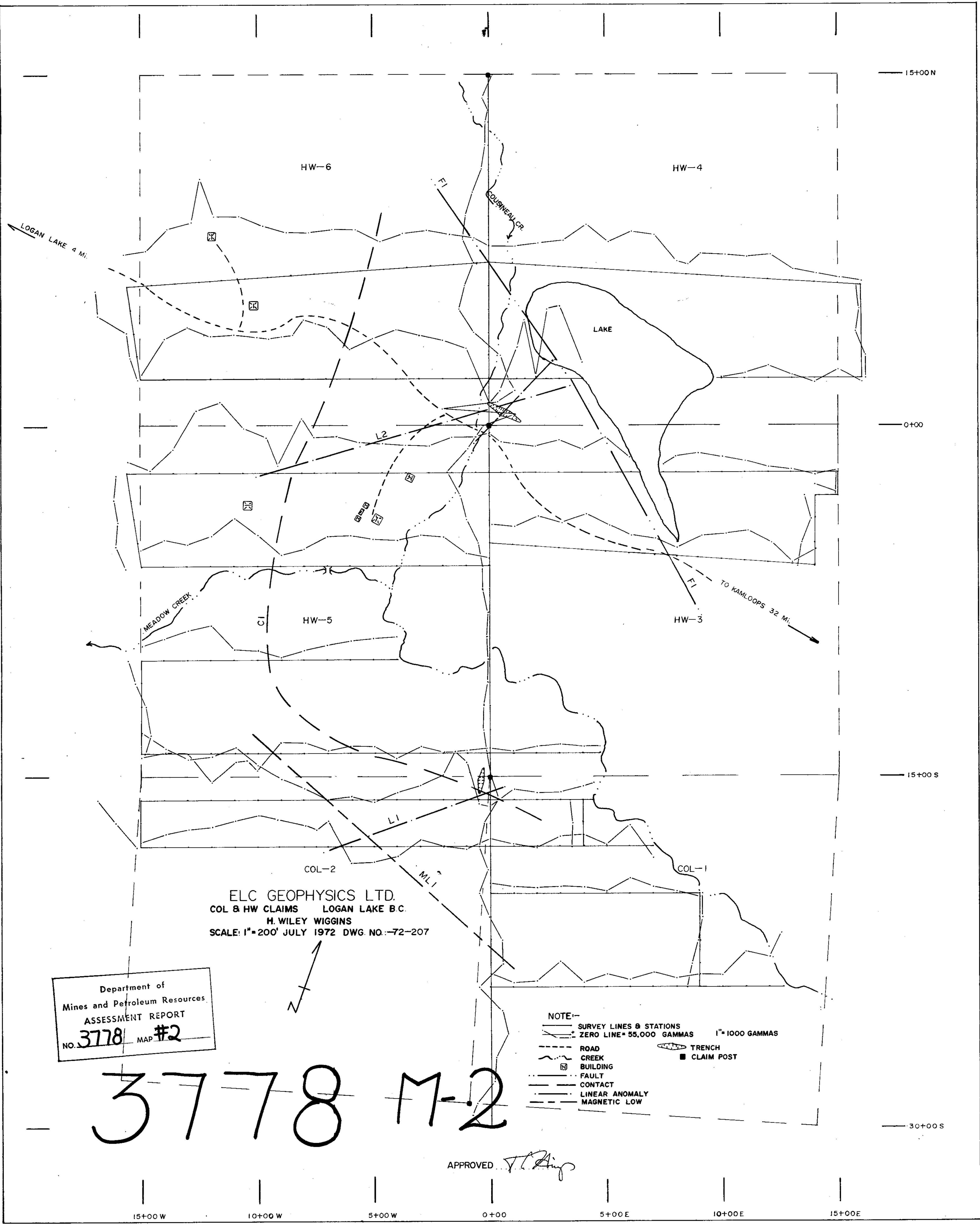
TO KAMLOOPS →



LOCATION MAP  
DWG. NO.:-72-207-L  
COL & HW CLAIMS  
H. WILEY WIGGINS  
KAMLOOPS M.D.  
SCALE 1"=50,000

*W.L.W.*

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. **3778** MAP # **1**



ELC GEOPHYSICS LTD.  
 COL & HW CLAIMS LOGAN LAKE B.C.  
 H. WILEY WIGGINS  
 SCALE: 1"=200' JULY 1972 DWG NO.: -72-207

Department of  
 Mines and Petroleum Resources  
 ASSESSMENT REPORT  
 NO. 3778 MAP #2

3778 M-2

- NOTE:-
- SURVEY LINES & STATIONS
  - ZERO LINE = 55,000 GAMMAS 1" = 1000 GAMMAS
  - ROAD
  - CREEK
  - BUILDING
  - FAULT
  - CONTACT
  - LINEAR ANOMALY
  - MAGNETIC LOW
  - TRENCH
  - CLAIM POST

APPROVED *J. L. King*

15+00 W      10+00 W      5+00 W      0+00      5+00 E      10+00 E      15+00 E