

**1998 WORK PROGRAM**

**ON AND NEAR**

**CHEV 1 - 12 CLAIMS**

**WATSON LAKE MINING DISTRICT, YUKON  
NTS 105 C/1**

for

A. Wally Hyde

by

Larry W. Carlyle, F.G.A.C., P. Geol.

Whitehorse, Yukon

October, 1998

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1998 Soil Samples (Au, Ag, Cu, Pb, Zn, & As)

6

**APPENDICES**

Appendix A -- Analytical Certificates

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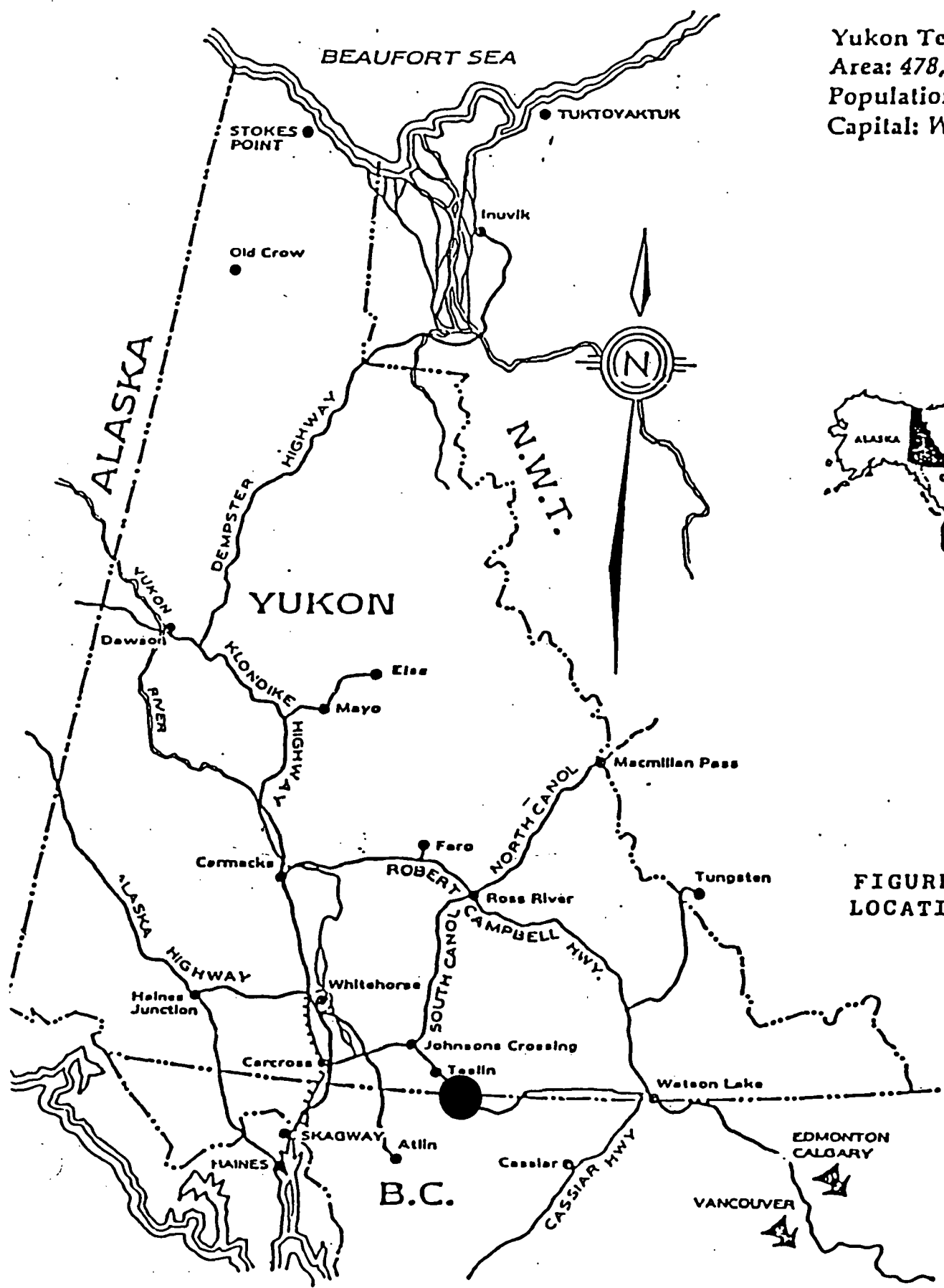
**INTRODUCTION:**

This report has been prepared to fulfill the obligations of a target evaluation project accepted under the Yukon Mineral Incentives Program. Mr. Hyde has held claims in the Morley River area of NTS 105 C/1 for a number of years. The latest group of claims are the CHEV 1 - 12. During 1997, two AQ diamond drill holes totaling 290 feet were drilled into a geochemical anomaly located by G.S. Davidson, P. Geol. during a 1989 prospecting, geochemical, and magnetometer-VLF surveying program. The holes located magnetite skarn containing low copper and gold values.

During the preparation of the report describing the 1997 diamond drilling, it was discovered that two larger magnetic anomalies (See Aeromagnetic Map) are located in the immediate vicinity of the anomaly which has received all of the work to date. It was decided to apply for target evaluation funding to prospect, soil sample, and magnetometer survey the three anomalies to see if mineralization having better grades could be located. The proposal was accepted and given YMIP #98 - 006.

**LOCATION, ACCESS, AND CLAIMS:**

The CHEV Claims straddle the Alaska Highway on the west side of Morley Lake, the headwaters of Morley River. The claims are located within the Watson Lake Mining District on NTS Map Sheet 105 C/1. They are just north of the Yukon-B.C. border



Yukon Territory  
 Area: 478,034 sq. km.  
 Population: 25,000  
 Capital: Whitehorse



FIGURE 1  
 LOCATION MAP

approximately 35 km. southeast of Teslin and 275 km. from Whitehorse, the Yukon capital (See Location map).

Since the claims straddle the Alaska Highway, the 1997 drill sites are accessed by short cat trails from it. These trails permit the use of 4-wheel drive trucks. The drill sites are located on benches on the north side of a 400 metre long canyon with 20 metre high rock walls through which the Morley River runs (See Part of 105 C/1 Topo Map). The canyon is located approximately 4 miles (6 km.) downstream from Morley Lake. The claims are generally quite thickly covered with glacial till and are on rounded to steeply sloping hills; with the steepest slopes being on south-facing slopes. The vegetation in the area is primarily black spruce, pine, willow and buckbrush.

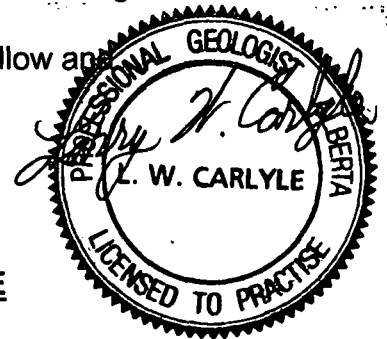
**Claim Information:**

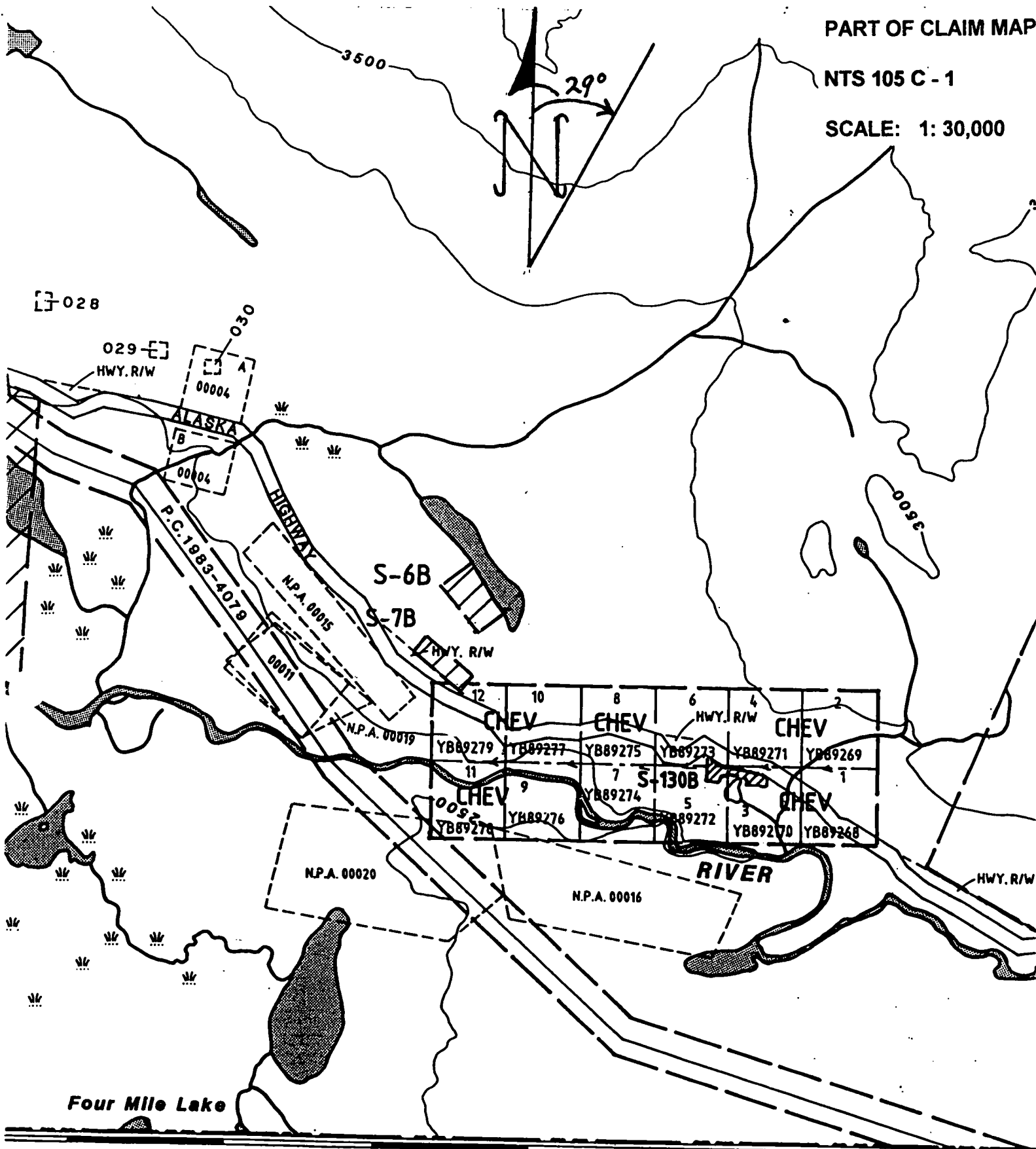
<u>CLAIM NAME</u>	<u>GRANT NUMBERS</u>	<u>EXPIRY DATE</u>
CHEV 1 - 12	YB 89268 - YB 89279	May 16, 2003

These claim data have been confirmed by a telephone call to the Watson Lake Mining Recorder's Office on October 20, 1998 (See Claim Map).

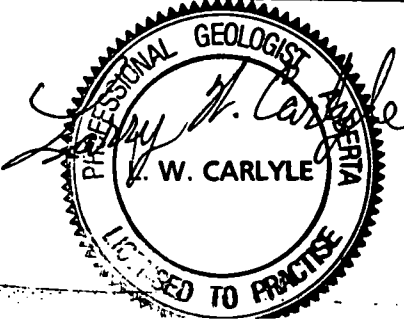
**EXPLORATION HISTORY:**

The CHEV Claim area was apparently staked as the Otter Claims in the 1950's. It was again staked as the Otter Claims in 1966. One of these claim posts is located near Hole #2 (See 1998 Soil Samples Chev Claims Drawing). No evidence of work has been found on the Otter Claims.





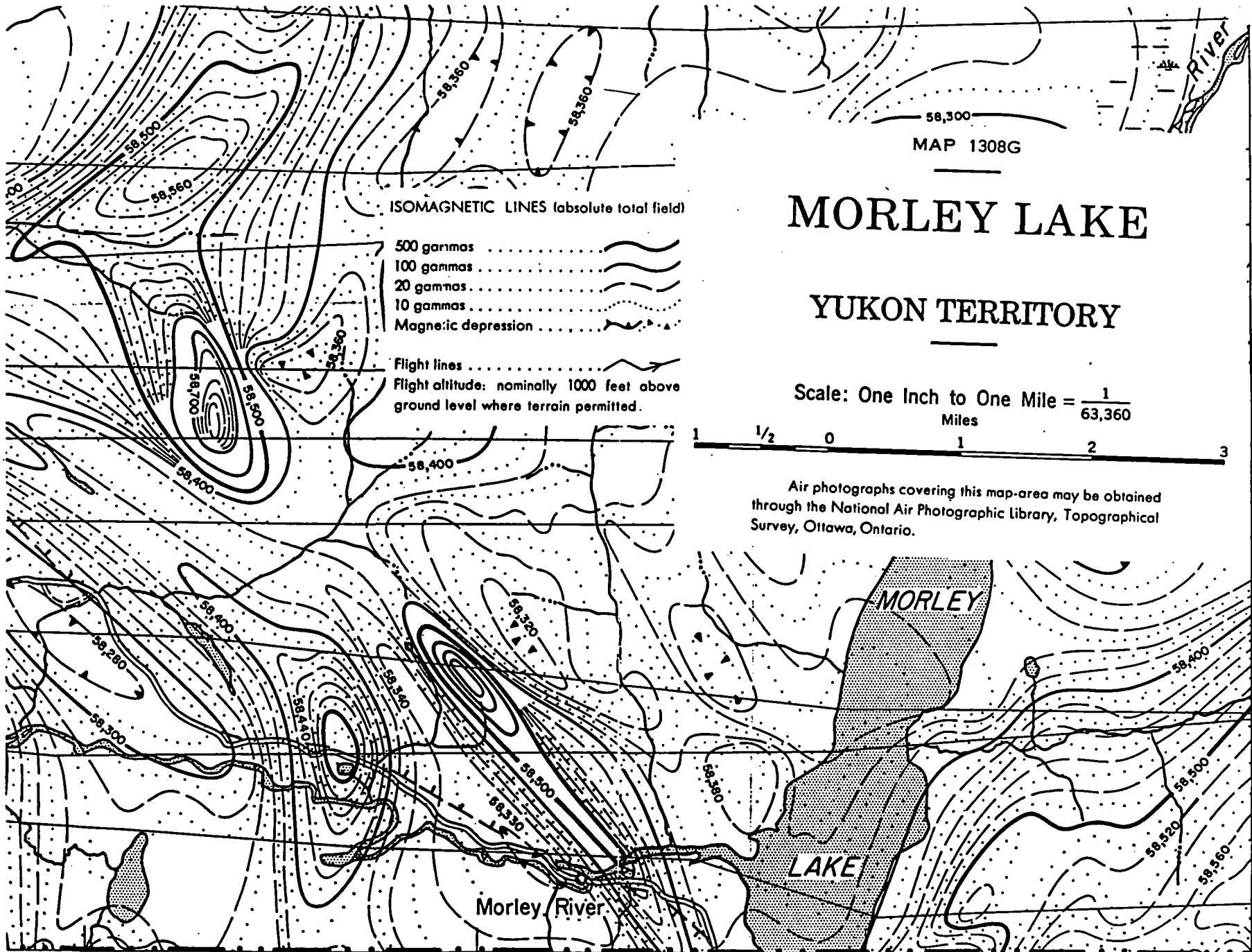
105C-1



The ground was staked as the Hyder Claims and subsequently as the Ryder Claims before being staked as the Chev Claims. While the ground was protected as the Hyder Claims, Mr. Hyde had line cutting to develop a grid, prospecting, a magnetometer - VLF-EM survey, as well as rock and soil sampling done by Rob McIntyre, C.E.T., and Graham Davidson, P. Geol., during the fall of 1989 (See References). The prospecting relocated the skarn mineralization and subsequent magnetometer and VLF-EM surveys more precisely located the size of the skarn bodies. The larger of the two main bodies had its eastern boundary centered at approximately 1600 metres on the survey baseline. This body has an indicated size of approximately 200 metres along a side. It is this body which has been explored with the diamond drill holes. The second body is located approximately 100 metres east of the baseline and has its northern end located at about 1625 metres on the baseline. This body has dimensions approximating 50 metres wide and 200 metres long. These bodies most likely form part of the small elliptical aeromagnetic anomaly located over the small lake on the boundary between CHEV 3 and 5 (See Claim Map and Aeromagnetic Map).

While the ground was covered by the Ryder Claims, Mr. Hyde did some cat trenching. Some rock sample assays dated July, 1991 may have been taken during this trenching; however, no sample locations have been noted for them.





05'

60°00'

15'

10'

**Figure 5 - AEROMAGNETIC MAP**  
**NTS 105 C-1 Scale 1:50,000**

132°00'

**REGIONAL GEOLOGY:**

The region is generally underlain by the Yukon Cataclastic Complex, an assemblage of metasediments intruded by granitic Coast Intrusions of Cretaceous age. The new G.S.C. mapping done by S.P. Gordey and R.A. Stevens (See Part of Geological Map Teslin 105 C) indicates that the area is underlain by Proterozoic to Devonian mylonitic quartz-muscovite +/- chlorite +/- epidote +/- feldspar +/- biotite +/- garnet +/- amphibole schist and muscovite-chlorite quartzite (PDsq) as well as quartz-tremolite-muscovite sucrosic marble and calcareous schist which rarely contains epidote and garnet (PDsqc). Several plugs and stocks of Coast Intrusive (Kg) have been mapped intruding these metasediments in the area of the claim block. Three units of the mid-Cretaceous intrusive have been differentiated. Kg1 - biotite-hornblende quartz monzonite and quartz monzodiorite. Kg2 - a locally porphyritic biotite granite and quartz monzonite. Kg3 - a leucocratic biotite granite.

**PROPERTY GEOLOGY:**

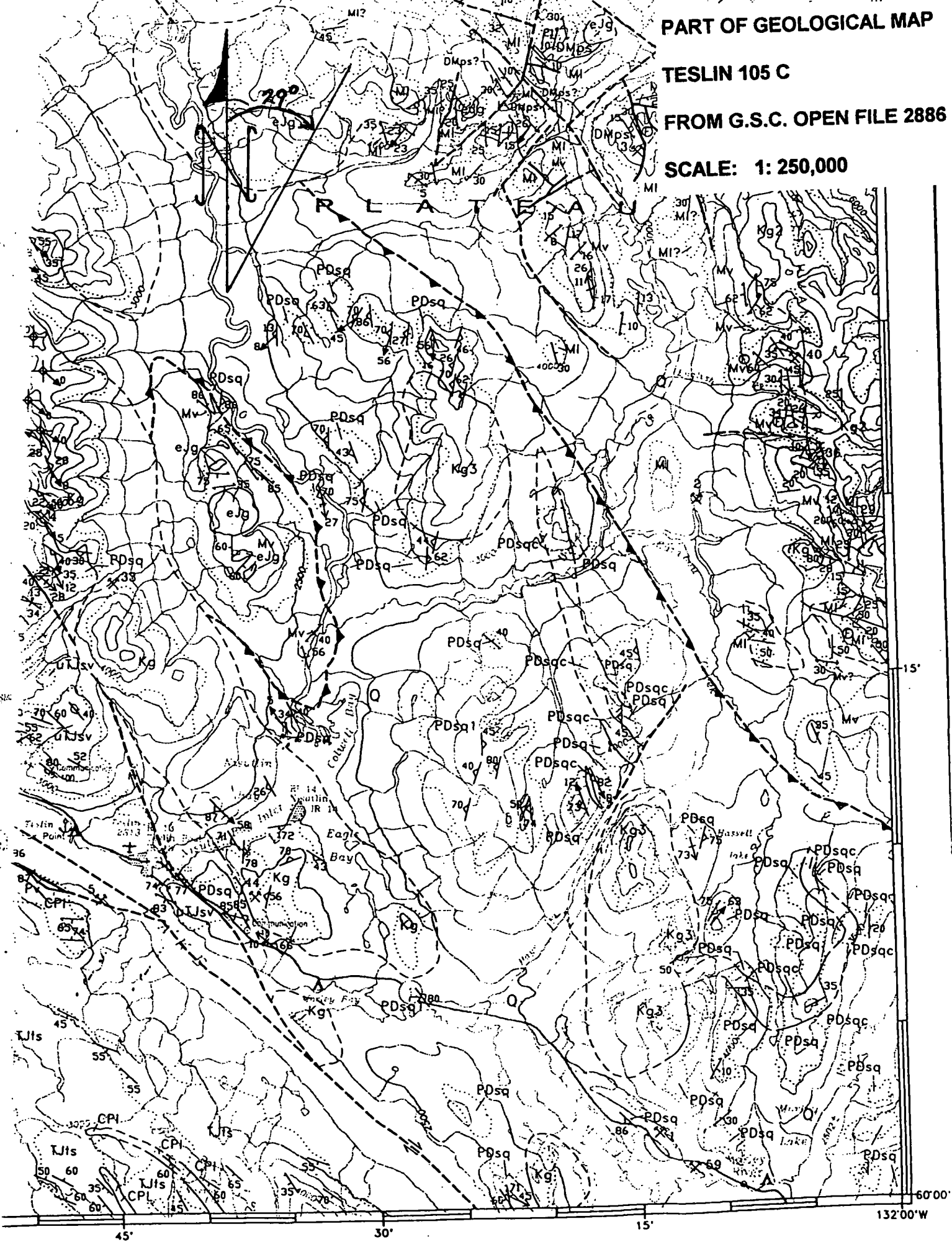
Rocks seen in the area of the drill holes are primarily contorted calcareous quartz-chlorite schist. In some areas, tremolite, epidote and muscovite (sericite) were present. In other areas, the schistosity was being destroyed to form a more massive texture with magnetite added as evidence of skarn formation from the original limy rocks. The schists exposed in the canyon walls seemed to exhibit amphibolite grade metamorphism.

PART OF GEOLOGICAL MAP

TESLIN 105 C

FROM G.S.C. OPEN FILE 2886

SCALE: 1: 250,000



Black magnetite skarn is present at the location of both diamond drill holes. It was much better exposed in the area of Hole #1. Large blocks of skarn (half the size of a table) had been ripped up with the cat during trenching or during the drill site preparation. It was possible to see small amounts of malachite, azurite, and chalcopyrite in hand specimen. Samples MR - 2 and 3 were taken from this site during 1998 (See Rock Sample Table).

### **1998 WORK PROGRAM:**

A mechanical breakdown of the writer's magnetometer prevented its use to further investigate the magnetic anomalies during the program. However, prospecting as well as soil and rock samples proved useful in their investigation.

### **TRAVERSES:**

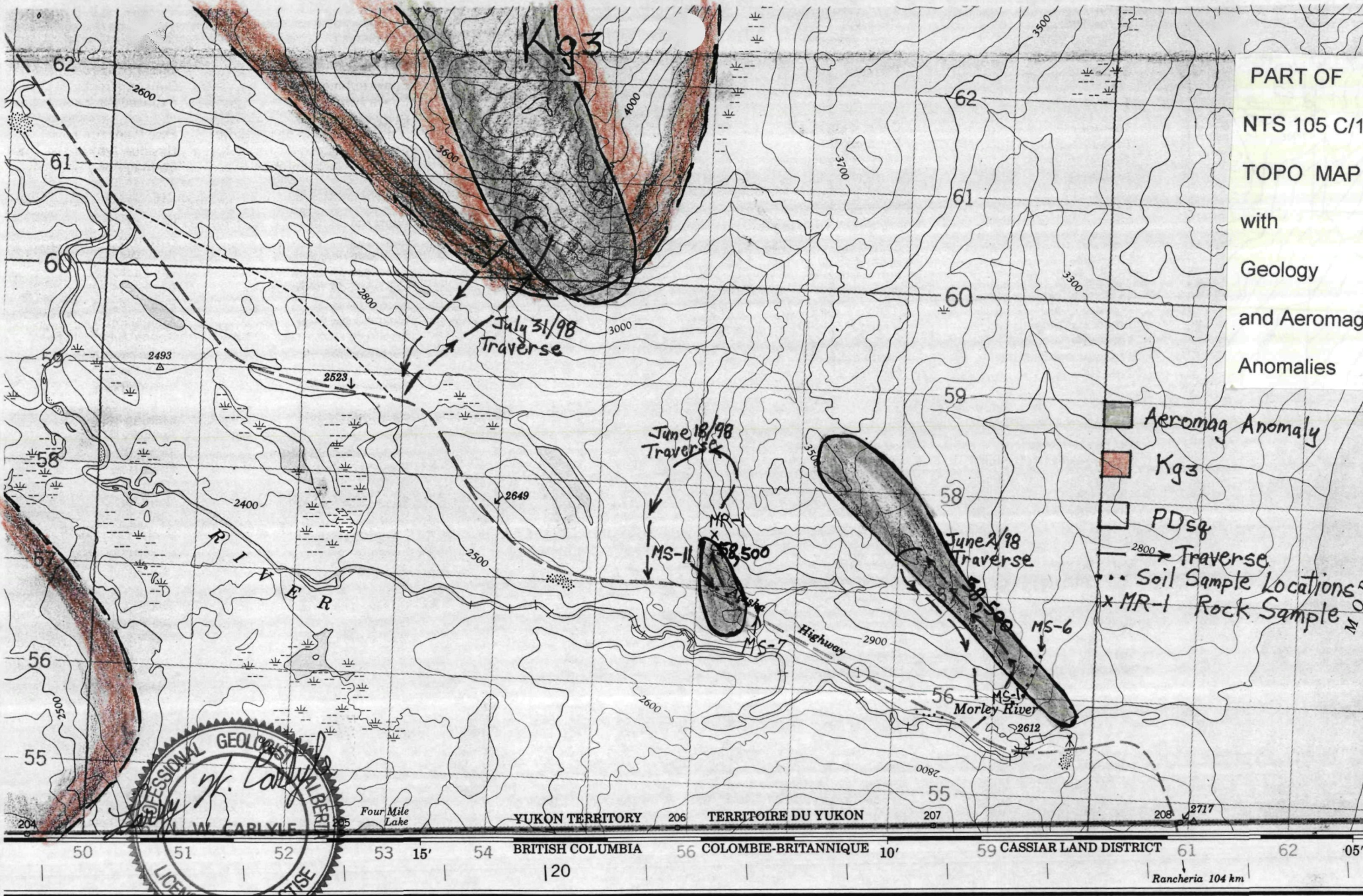
#### **June 2, 1998**







Thick spruce and poplar trees, and occasionally pine trees, cover the long cigar-shaped magnetic anomaly northeast of the drilled area. A sharp ridge lies along the center of the anomaly. The ridge has a considerable amount of bedrock exposed along it. Magnetite skarn rock was found at the bottom of the ridge; it was for this reason that a line of soil samples was taken along a topographic contour in the area (See Part of NTS 105 C/1 Topo Map).

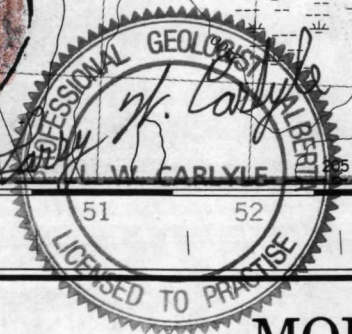
Prospecting up the ridge revealed that the magnetite skarn was restricted to this small area. It quickly changed to a slightly magnetic quartz-biotite-chlorite-feldspar schist (PDsq). The schist was variably oxidized and had a strike of  $325^{\circ}$



PART OF  
 NTS 105 C/1  
 TOPO MAP  
 with  
 Geology  
 and Aeromag  
 Anomalies

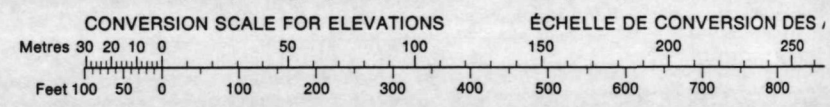


-  Aeromag Anomaly
-  Kg3
-  PDSq
-  Traverse
-  Soil Sample Locations
-  MR-1 Rock Sample



**MORLEY LAKE**  
 YUKON TERRITORY BRITISH COLUMBIA  
 TERRITOIRE DU YUKON COLOMBIE-BRITANNIQUE

Information concerning bench marks and horizontal survey monuments can be obtained from Geodetic Survey, Surveys and Mapping Branch, Ottawa.  
 Pour tout renseignement concernant les repères et aux levés géodésiques, Direction des levés et de la c





Azimuth and a steep SW dip. Further up the ridge, the schist changed to a biotite granite.

### **June 18, 1998**

This traverse was made in an attempt to see if mineralization located in the lower portions of the anomaly extended toward the north. Less outcrop was located during this traverse than during the June 2<sup>nd</sup> traverse. The magnetite skarn may extend slightly further north than the anomaly would suggest; since sample MR-1 (See Part of NTS 105 C/1 Topo Map) is thought to have been taken just north of it. Outcrop located while prospecting further toward the north was an occasionally magnetic quartz-biotite-chlorite-feldspar schist (PDsq).

### **July 31, 1998**

This day's attempt to locate the southern tip of the largest magnetic anomaly in the area was unsuccessful. The anomaly is located on a relatively steep hillside which is extremely thickly covered with spruce trees and alder brush. The vegetation is so thick that we could not find our location accurately. Because of thick overburden and moss, no outcrop was located during the traverse.

### **SOIL SAMPLING:**

#### **July 30, 1998**

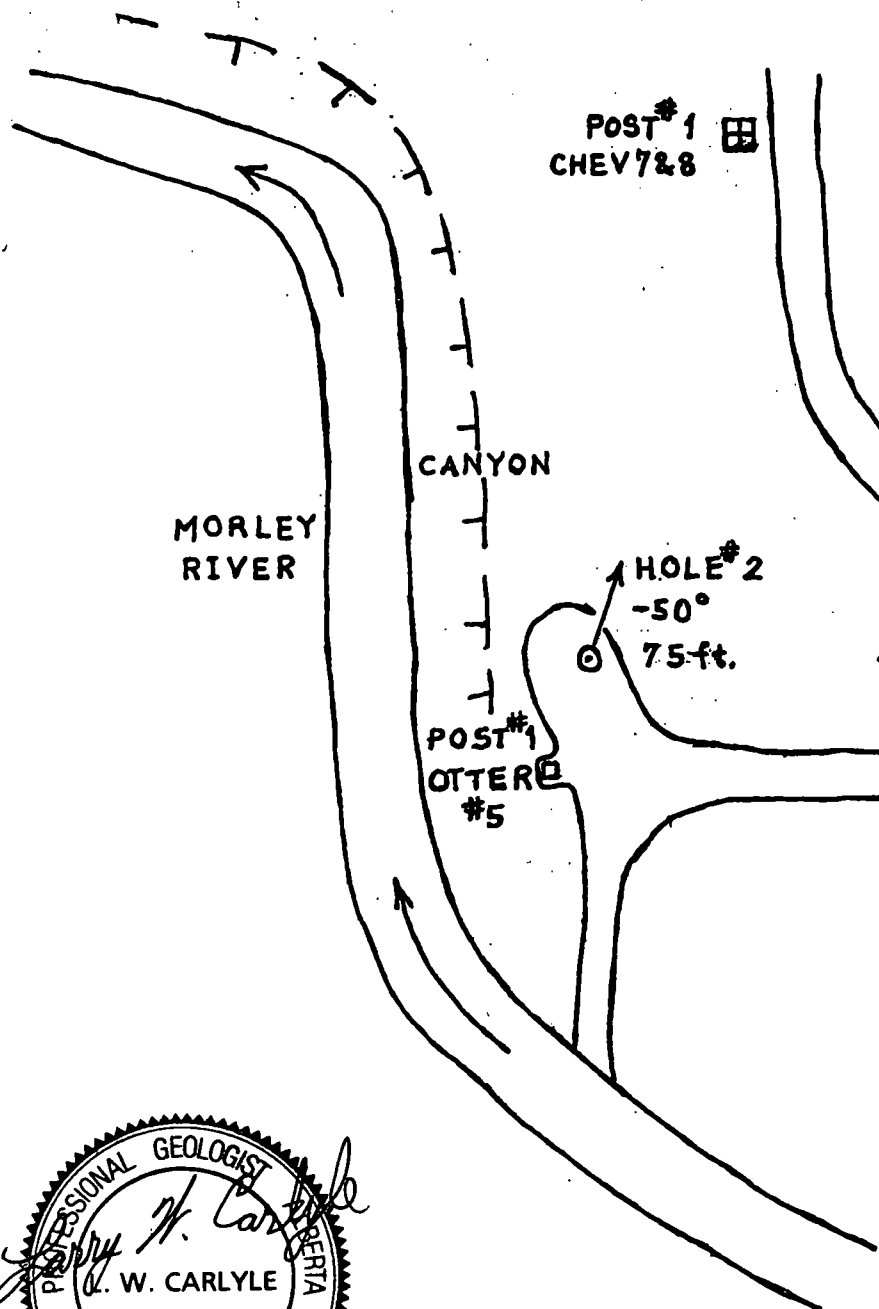
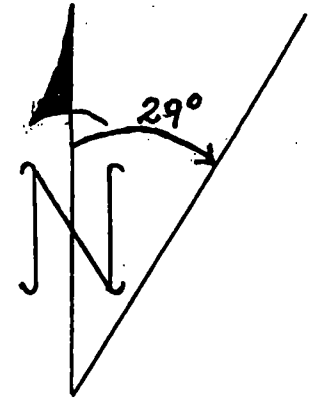
After driving down to the Morley River site on this day, contour soil samples MS-1 to MS-6 were taken at 100 metre intervals at an elevation of 850 metres at the base of the cigar-shaped magnetic anomaly (See Part of NTS 105 C/1 Topo Map).

1998 SOIL SAMPLES

CHEV CLAIMS

SCALE: 1:2000

ELEMENT: Au(ppb)



POST #1  
CHEV 7&8

MORLEY  
RIVER

CANYON

HOLE #2  
-50°  
75 ft.

POST #1  
OTTER  
#5

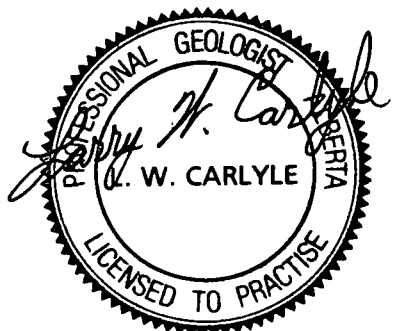
MR-2

MR-3

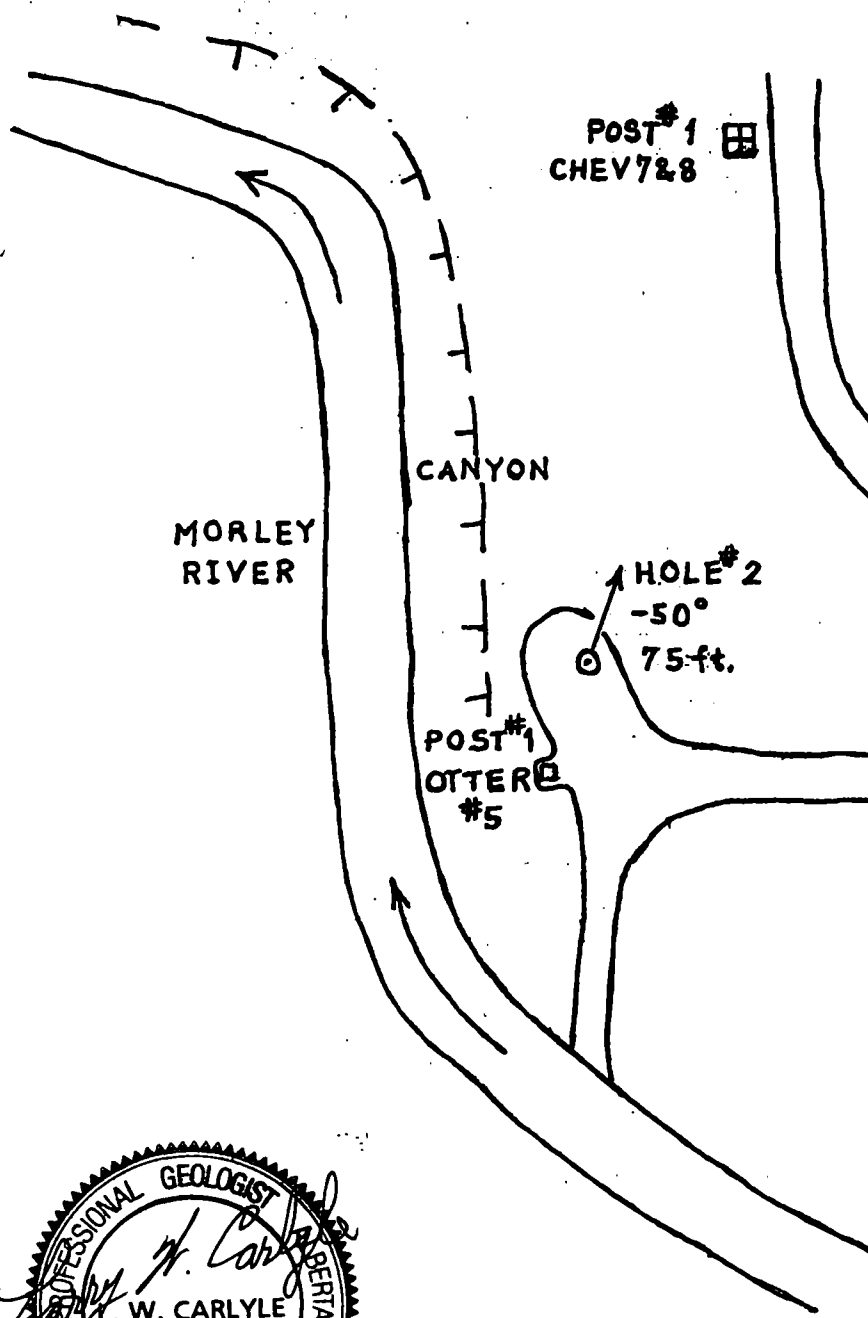
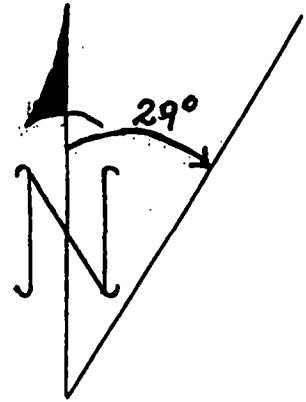
HOLE #1  
-45°  
215 ft.

9	8	7	6	5	4	3	2	1	L2
x	x	x	x	x	x	x	x	x	
<5	<5	<5	<5	<5	<5	<5	<5	<5	

9	8	7	6	5	4	3	2	1	L1
x	x	x	x	x	x	x	x	x	
<5	<5	<5	<5	<5	<5	<5	<5	5	



1998 SOIL SAMPLES  
 CHEV CLAIMS  
 SCALE: 1" = 2000'  
 ELEMENT: Ag (ppm)



POST #1  
 CHEV 7&8

MORLEY RIVER

CANYON

HOLE #2  
 -50°  
 75-ft.

POST #1  
 OTTER #5

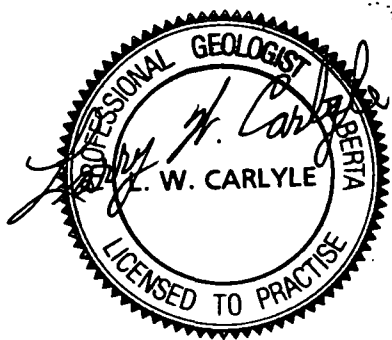
MR-2  
 0.5

MR-3  
 <0.1

HOLE #1  
 -45°  
 215 ft.

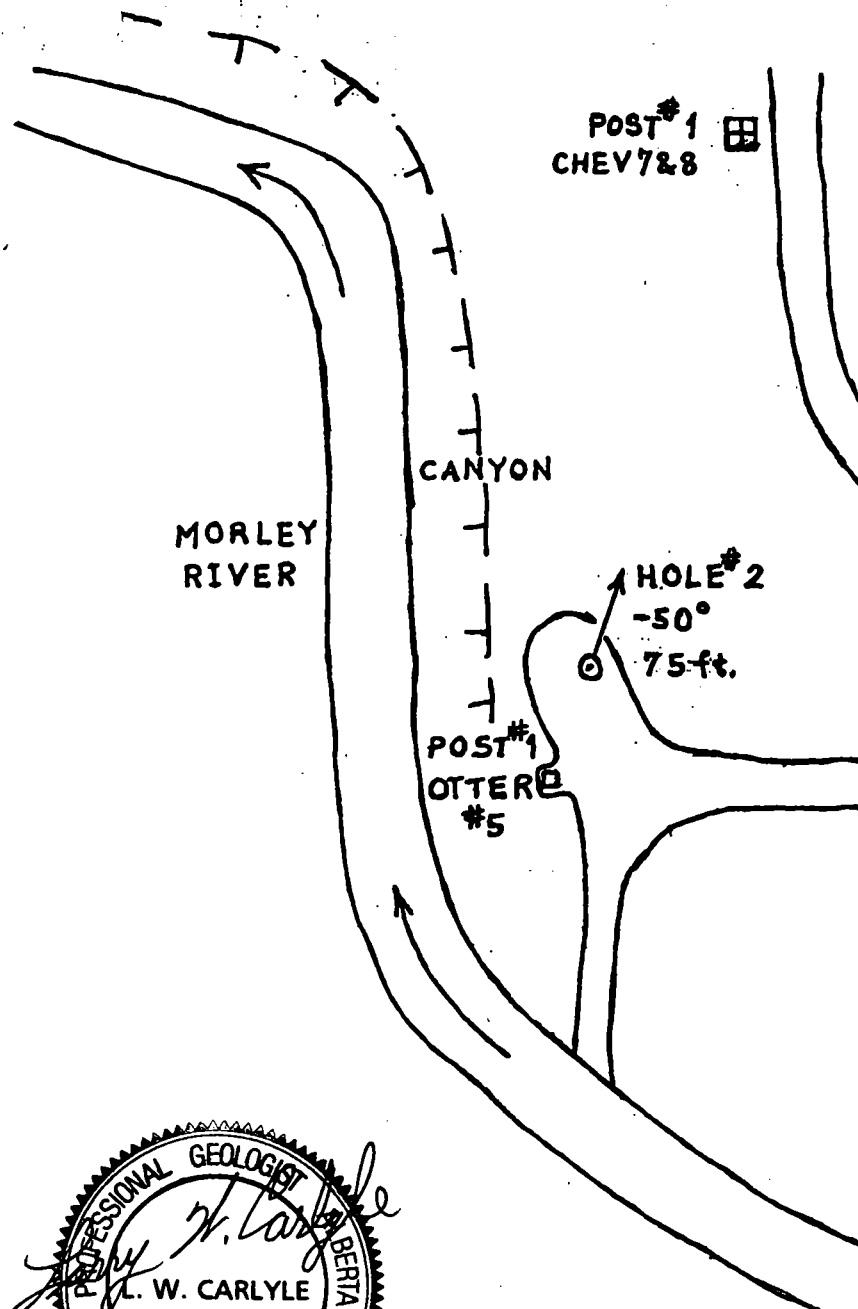
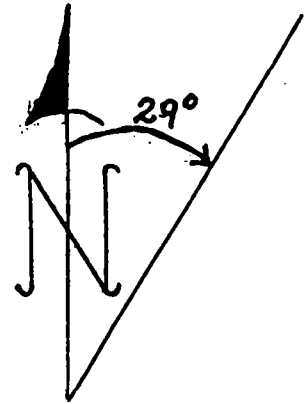
9	8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	x	L2
<0.1	0.1	0.4	0.3	0.3	0.2	0.4	0.2	0.3	

9	8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	x	L1
0.3	0.4	0.4	0.2	0.4	0.4	0.4	0.5	0.5	





1998 SOIL SAMPLES  
 CHEV CLAIMS  
 SCALE: 1 = 2000  
 ELEMENT: Cu(ppm)



POST #1 CHEV 7&8

CANYON

MORLEY RIVER

HOLE #2  
 -50°  
 75 ft.

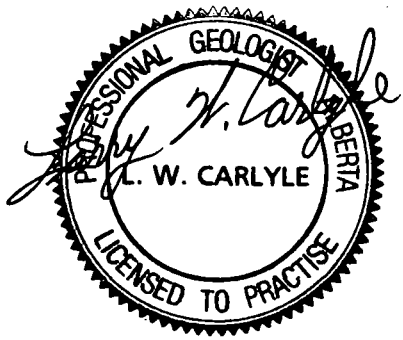
POST #1 OTTER #5

\*MR-2  
 18

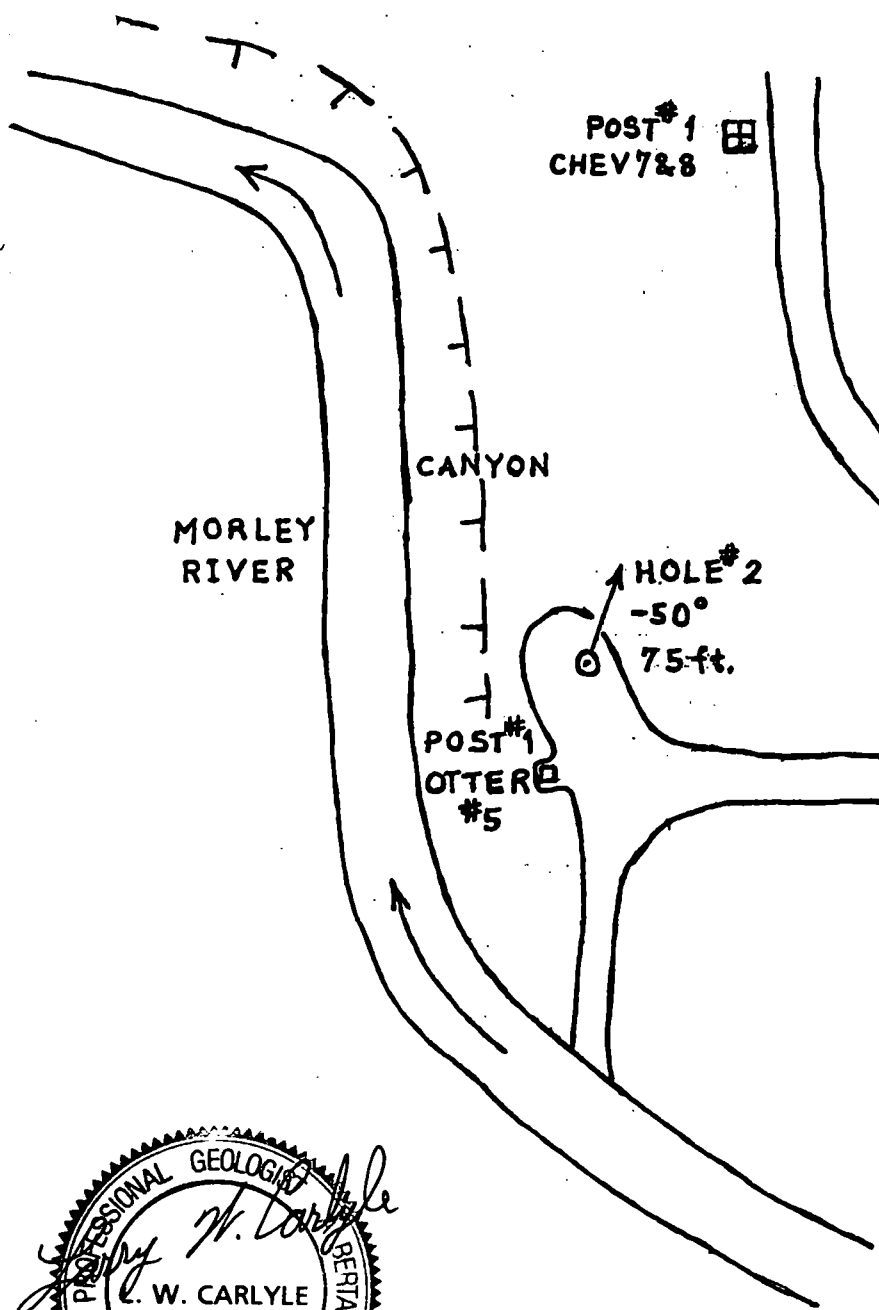
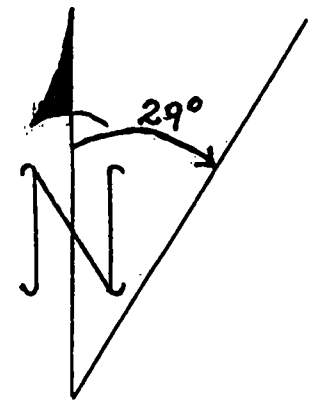
\*MR-3  
 183

HOLE #1  
 -45°  
 215 ft.

9	8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	x	L2
13	15	11	8	10	10	12	8	11	
9	8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	x	L1
36	18	16	19	35	19	34	36	13	

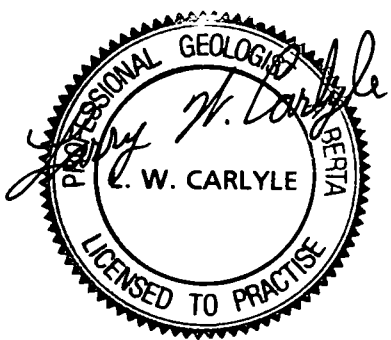


1998 SOIL SAMPLES  
 CHEV CLAIMS  
 SCALE: 1:2000  
 ELEMENT: Pb(ppm)

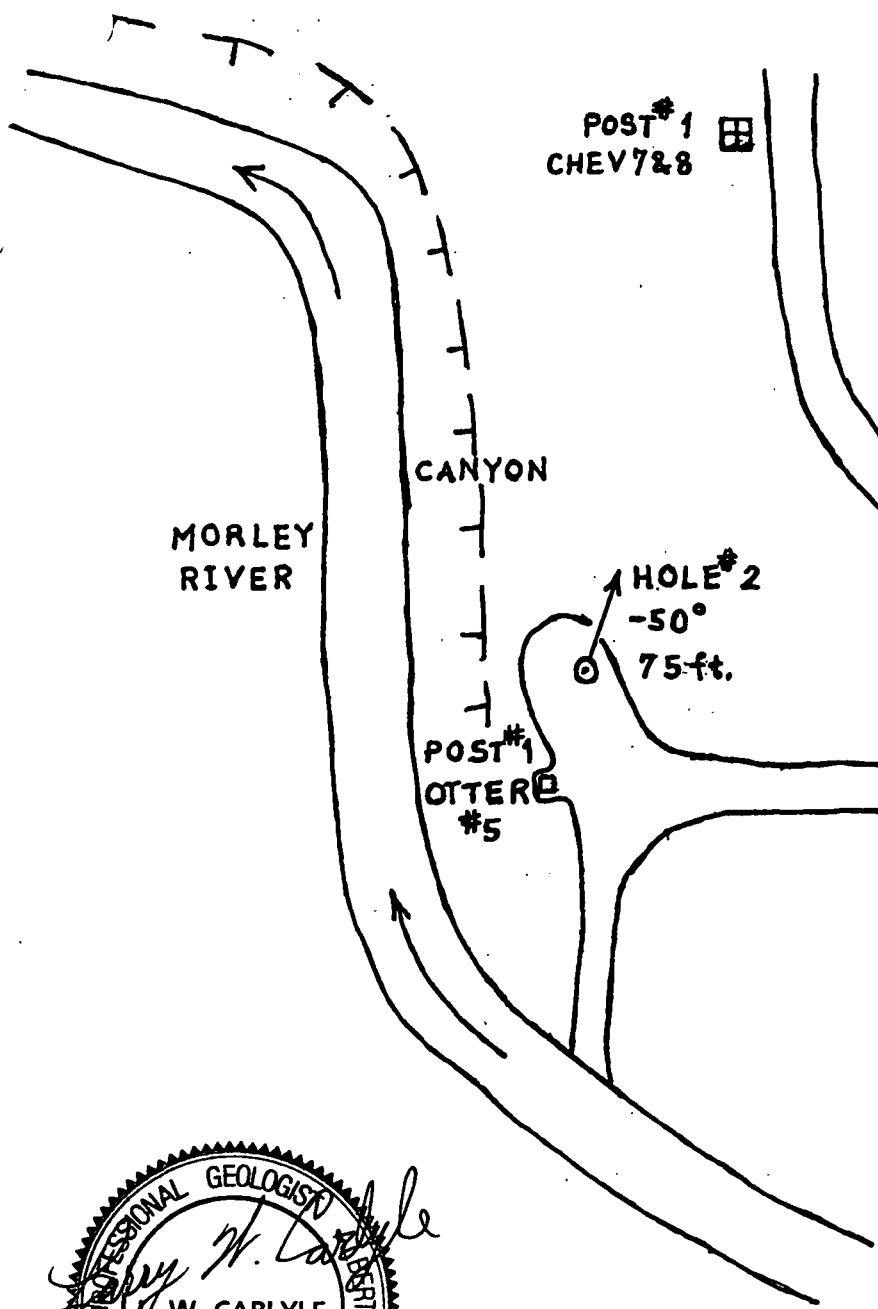
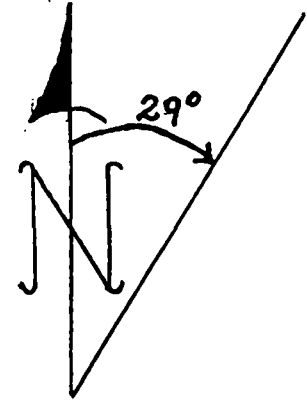


9	8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	x	
<2	<2	2	5	<2	<2	4	2	4	L2

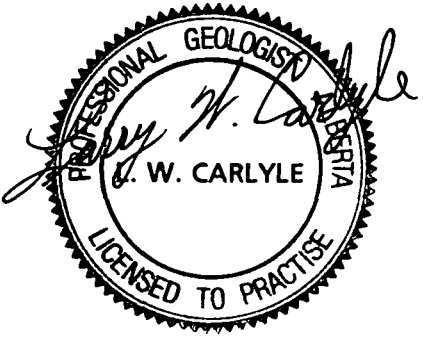
9	8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	<del>18</del>	x	
12	10	10	8	10	10	18	23	9	L1



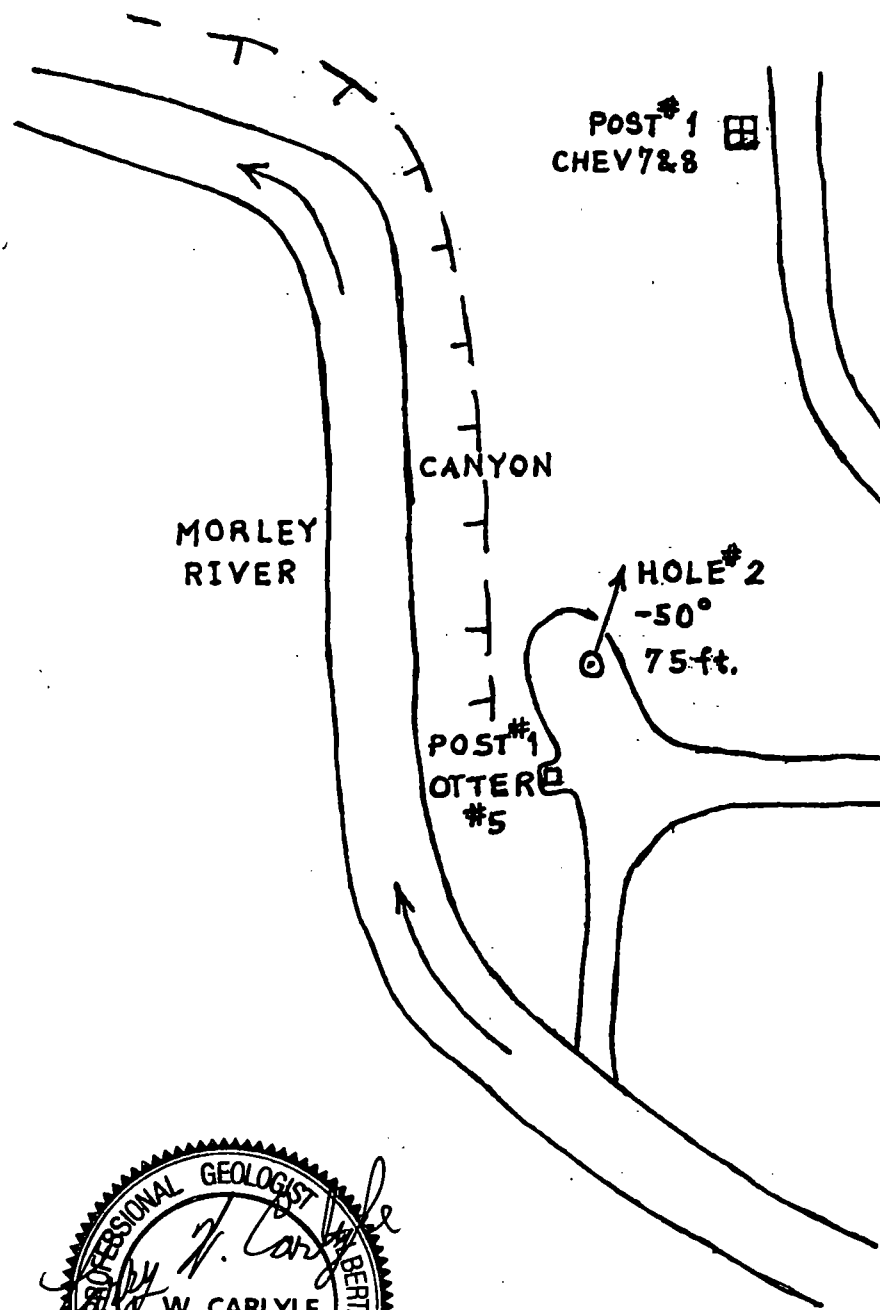
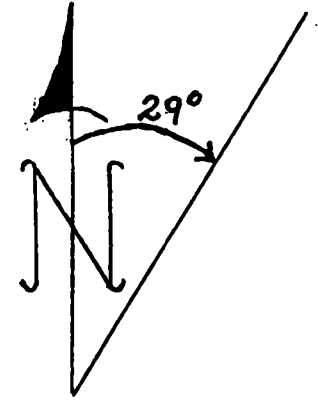
1998 SOIL SAMPLES  
 CHEY CLAIMS  
 SCALE: 1:2000  
 ELEMENT: Zn(ppm)



9	8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	x	L2
53	55	61	122	67	74	64	63	83	
9	8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	x	L1
110	116	289	214	207	272	244	231	234	

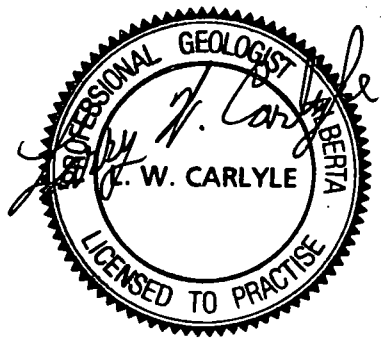


1998 SOIL SAMPLES  
 CHEV CLAIMS  
 SCALE: 1:2000  
 ELEMENT: As(ppm)



9	8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	x	
<5	<5	<5	<5	<5	<5	8	5	9	L2

9	8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	x	
20	23	12	23	27	12	20	19	5	L1



**July 31, 1998**

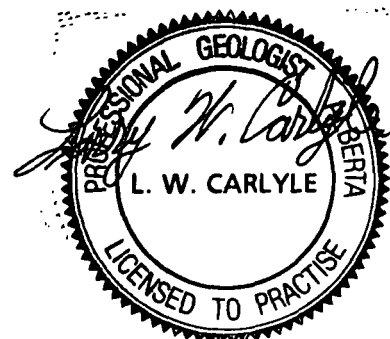
After the disappointing traverse toward the largest magnetic anomaly, soil samples MS-7 to MS-11 were taken at 100 metre intervals along the 850 metre contour of the small anomaly (See Part of NTS 105 C/1 Topo Map). This contour proved to be just above a rock cut created for the highway. The rocks in the road cut were primarily contorted calcareous quartz-chlorite schist with variable amounts of iron oxide. In some areas, tremolite, epidote and muscovite (sericite) were present.

**July 31 - August 1, 1998**

In an attempt to confirm the soil sample and rock sample data obtained during the 1989 program, two lines of soil samples were taken near Hole #1. Soil sample Line 1 was located 50 metres south of the hole and has a sample spacing of 25 metres. Soil sample Line 2 was located 50 metres north of the hole and has the same sample spacing. See 1998 Soil Samples Chev Claims drawings for the gold, silver, copper, lead, zinc, and arsenic values obtained.

**ROCK SAMPLE TABLE**

<b>Sample #</b>	<b>Description</b>	<b>Au(ppb)</b>	<b>Cu(ppm)</b>	<b>Pb(ppm)</b>	<b>Zn(ppm)</b>
MR - 1	Lt. grn-blk m.g. magnetite-epidote skarn. Tr Py ?	39	18	777	13
MR - 2	Blk-dk. grn chlorite-mag-epidote skarn. Hematite ?	11	18	327	16
MR - 3	Highly iron & manganese stained magnetite-chlorite skarn. Tr malachite.	5	183	35	158

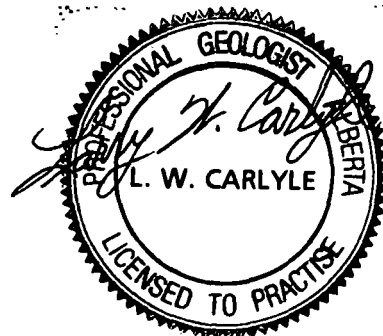


**CONCLUSIONS:**

1. The 1998 work program has shown that magnetite skarn exists in a contact zone between calcareous quartz-chlorite schist containing variable amounts of tremolite, epidote and muscovite (sericite) and quartz-biotite-chlorite-feldspar schist (PDsq).
2. The zone of magnetite skarn extends from at least the southern tip of the cigar-shaped magnetic anomaly to the small anomaly (See Part of NTS 105 C/1 Topo Map). It has not been possible to discover if this zone extends to the anomaly on the northwest. It is also not known if the skarn mineralization extends south of the Morley River into British Columbia.
3. The relatively high zinc values obtained from the soil samples in the area of Hole #1 (See 1998 Soil Samples CHEV Claims drawing) and the 1.65% to 4.63% zinc values obtained from some of the 1991 rock samples suggests that zinc is also a strong component of the skarn.

**RECOMMENDATIONS:**

1. More detailed prospecting, rock and soil sampling should be done between the known locations of magnetite skarn mineralization found during 1998 and the British Columbia-Yukon border.
2. Geology and aeromagnetic maps from the British Columbia extension of the area should be obtained and studied to locate and stake similar occurrences within B.C.
3. If less thickly vegetated portions of the large anomaly investigated during 1998 can be found, more detailed prospecting of that area may find mineralized rocks.
4. The presence of other Cretaceous intrusives with associated magnetic anomalies west of the area presently being investigated may warrant prospecting.



**REFERENCES:**

Carlyle, L.W., (1997) **1997 Diamond Drill Program on CHEV 1 - 12 Claims.**  
Private report to A.W. Hyde.

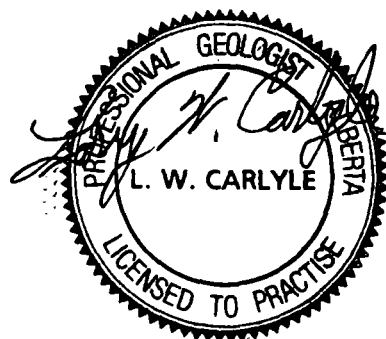
Davidson, G.S., (1989) **Exploration Report on the Hyder 1-4, 9-36 Claims.**  
Private report to A.W. Hyde.

Gordey, S.P. and Stevens, R.A., (1994) **Teslin 105 C Geology,** Geological Survey  
of Canada, Open File 2886.

Mulligan, R., (1963) **Geology of the Teslin Map Area,** Geological Survey of  
Canada

**STATEMENT OF COSTS:** (See Appendix B for Invoices)

Carlyle Prospecting Day Trip June 2/98	\$ 300.00
Trip Mileage (450 km @ \$0.42/km)	\$ 189.00
Carlyle Prospecting Day Trip June 18/98	\$ 300.00
Trip Mileage (450 km @ \$0.42/km)	\$ 189.00
Carlyle Field Work July 30/98 - Aug. 1/98	\$ 900.00
Trip Mileage (450 km @ \$0.42/km)	\$ 189.00
Field Assistant Wages July 30/98 - Aug. 1/98	\$ 375.00
Field Assistant Holiday Pay @ 4%	\$ 15.00
Assaying	\$ 717.44
Room and Board (3 days @ \$70/day)	\$ 210.00
(2 days @ \$35/day)	\$ 70.00
Field Supplies (Flagging, Sample Bags, Hip Chain)	\$ 100.00
Office Supplies (Computer Paper, Photo Copying, etc.)	\$ 50.00
Telephone	\$ 15.00
Report Writing	\$ 600.00
<b>TOTAL</b>	<b>\$4,219.44</b>

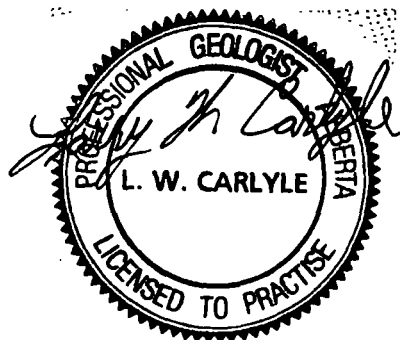


## STATEMENT OF QUALIFICATIONS

I, LARRY W. CARLYLE, do certify:

1. That I am a professional geologist; resident at 74 Tamarack Drive, Whitehorse, Yukon Y1A 4Y6.
2. That I hold a B. Sc. Degree in geology from the University of British Columbia (1970).
3. That I am a Fellow of the Geological Association of Canada (F - 4355).
4. That I am a Registered Professional Geologist in the Association of Professional Engineers, Geologists, and Geophysicists of the Province of Alberta (41097).
5. That I have practiced my profession as a mine and exploration geologist for twenty years.
6. The conclusions and recommendations in the attached report are based on property prospecting, soil and rock sampling I performed, and on a review of the references cited.

DATED at Whitehorse, Yukon, this 27<sup>th</sup> day of October, 1998.





**APPENDIX A**  
**ANALYTICAL CERTIFICATES**

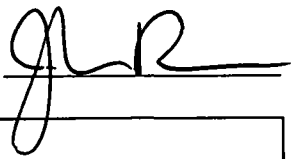
10/08/98

Certificate of Analysis

Page 1

Larry Carlyle

WO# 05559

Certified by 

	Sample #	Au ppb
s	L1-S1	5
s	L1-S2	<5
s	L1-S3	<5
s	L1-S4	<5
s	L1-S5	<5
s	L1-S6	<5
s	L1-S7	<5
s	L1-S8	<5
s	L1-S9	<5
s	L2-S1	<5
s	L2-S2	<5
s	L2-S3	<5
s	L2-S4	<5
s	L2-S5	<5
s	L2-S6	<5
s	L2-S7	<5
s	L2-S8	<5
s	L2-S9	<5
s	MS-1	<5
s	MS-2	<5
s	MS-3	11
s	MS-4	<5
s	MS-5	<5
s	MS-6	<5
s	MS-7	<5
s	MS-8	6
s	MS-9	6
s	MS-10	5
s	MS-11	<5
r	MR-1	39

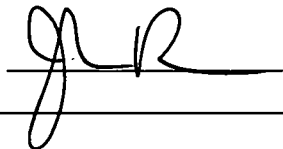
10/08/98

Certificate of Analysis

Page 2

Larry Carlyle

WO# 05559

Certified by 

Sample #	Au ppb
MR-2	11
MR-3	5



# CERTIFICATE OF ANALYSIS

## iPL 98H0824

2036 Columbia  
Vancouver, B.C.  
Canada V5Y 3E1  
Phone (604) 879-7878  
Fax (604) 879-7898

Client : Northern Analytical Laboratories  
Project: W0# 5559

**32 Samples**  
32=Pulp

[082416:57:26:89081898]      Out: Aug 18, 1998      Page 1 of 1  
In : Aug 12, 1998      Section 1 of 1

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L1-51	P 0.5	13	9	234	5	<	<	12	<	<	2.8	41	22	250	6	31	66	1793	6	20	3	1	0.17	1.22	0.33	3.27	0.41	0.08	<	0.04
L1-52	P 0.5	36	23	231	19	<	<	27	<	<	4.8	93	44	253	18	43	79	2429	11	26	5	2	0.21	1.90	0.36	4.78	0.81	0.25	<	0.05
L1-53	P 0.4	34	18	244	20	<	<	26	<	<	4.8	61	58	213	11	51	87	891	10	26	10	2	0.27	2.18	0.37	5.18	0.99	0.21	<	0.06
L1-54	P 0.4	19	10	272	12	<	<	16	<	<	3.3	29	27	186	8	30	55	967	6	16	4	2	0.18	1.62	0.29	3.37	0.69	0.22	<	0.03
L1-55	P 0.4	35	10	207	27	<	<	19	22	<	2.8	25	18	220	13	17	46	2179	14	19	1	3	0.09	2.21	0.36	2.96	0.96	0.09	<	0.06
L1-56	P 0.2	19	8	214	23	<	<	14	<	<	3.0	17	23	269	7	34	60	843	7	18	6	2	0.15	1.93	0.34	3.04	0.54	0.08	<	0.06
L1-57	P 0.4	16	10	289	12	<	<	13	<	<	3.5	27	25	253	10	34	54	2323	8	14	3	2	0.16	1.54	0.22	3.17	0.37	0.09	<	0.06
L1-58	P 0.4	18	10	116	23	<	<	16	<	<	2.9	23	31	254	9	39	66	854	8	19	4	3	0.15	1.96	0.31	3.21	0.59	0.11	<	0.08
L1-59	P 0.3	36	12	110	20	<	<	19	<	<	2.9	25	38	349	7	36	76	860	7	21	3	4	0.15	2.15	0.43	3.49	0.79	0.23	<	0.04
L2-51	P 0.3	11	4	83	9	<	<	11	<	<	2.1	17	27	213	9	29	53	1048	6	17	3	2	0.14	1.31	0.29	2.62	0.42	0.06	<	0.11
L2-52	P 0.2	8	2	63	5	<	<	12	<	<	1.8	15	26	188	6	29	51	678	5	15	3	2	0.13	1.15	0.27	2.48	0.41	0.04	<	0.10
L2-53	P 0.4	12	4	64	8	<	<	13	<	<	2.3	17	31	179	8	37	63	463	7	18	5	2	0.16	1.39	0.33	3.03	0.44	0.09	<	0.11
L2-54	P 0.2	10	<	74	<	<	<	11	<	<	2.0	15	23	148	9	32	54	627	7	15	3	2	0.13	1.15	0.29	2.57	0.46	0.07	<	0.08
L2-55	P 0.3	10	<	67	<	<	<	10	<	<	1.8	14	22	144	8	28	51	385	6	14	3	2	0.12	1.06	0.27	2.47	0.47	0.05	<	0.08
L2-56	P 0.3	8	5	122	<	<	<	13	<	<	2.2	18	22	185	9	31	58	878	7	15	2	1	0.17	1.19	0.29	2.90	0.37	0.07	<	0.11
L2-57	P 0.4	11	2	61	5	<	<	11	<	<	1.8	15	20	157	6	29	52	650	6	15	2	2	0.11	1.07	0.25	2.42	0.42	0.04	<	0.08
L2-58	P 0.1	15	<	55	5	<	<	14	<	<	1.8	16	27	122	10	36	57	393	6	16	3	2	0.13	1.21	0.32	2.72	0.61	0.14	<	0.07
L2-59	P <	13	<	53	<	<	<	12	<	<	1.7	15	19	116	10	34	56	483	5	14	4	2	0.14	1.17	0.26	2.57	0.53	0.09	<	0.03
MR-1	P 1.0	18	777	13	<	<	<	7	<	<	1.9	5	4	56	5	58	29	226	11	134	2	1	0.08	0.63	1.17	2.30	0.10	0.01	0.01	0.09
MR-2	P 0.5	18	327	16	<	<	<	10	<	<	2.1	6	<	39	6	49	11	1282	8	70	1	1	0.06	0.49	2.40	2.94	0.10	0.01	<	0.10
MR-3	P <	183	35	158	<	<	<	59	<	4	18.8	40	<	37	33	32	27	1853	10	20	5	<	0.03	0.22	1.93	19*	0.06	0.02	<	0.04
MS- 1	P 0.2	75	25	151	<	<	<	21	<	<	6.5	48	58	435	11	39	77	1691	14	25	12	3	0.30	2.05	0.80	6.61	0.59	0.08	<	0.11
MS- 2	P 0.1	28	4	88	5	<	<	13	<	<	3.2	22	21	289	6	26	69	1414	6	27	3	2	0.14	1.22	0.66	3.28	0.56	0.13	<	0.07
MS- 3	P 0.2	63	66	31	8	5	5	3	<	<	2.1	5	21	368	<	11	20	621	8	74	2	1	0.03	0.38	4.85	1.18	0.35	0.05	0.02	0.11
MS- 4	P 0.3	19	9	74	<	<	<	14	<	<	2.5	19	16	189	12	28	63	702	6	14	4	2	0.16	1.24	0.33	3.11	0.42	0.07	<	0.12
MS- 5	P 0.3	20	4	65	<	<	<	13	<	<	2.6	19	17	236	7	31	74	781	7	18	4	2	0.18	1.38	0.37	3.24	0.47	0.09	<	0.06
MS- 6	P 0.3	26	10	83	<	<	<	15	<	<	3.1	23	23	249	7	34	82	1149	7	17	5	2	0.20	1.41	0.33	3.71	0.53	0.15	<	0.06
MS- 7	P 0.2	48	2	51	8	<	<	12	<	<	2.1	19	34	171	5	35	55	555	12	32	4	3	0.12	1.31	0.63	2.92	0.85	0.13	0.01	0.07
MS- 8	P 0.2	18	3	58	12	<	<	12	<	<	1.9	16	28	157	8	36	60	467	7	17	4	2	0.14	1.35	0.32	2.79	0.48	0.11	<	0.06
MS- 9	P 0.2	16	3	45	8	<	<	12	<	<	2.0	15	19	132	6	31	58	487	7	19	4	2	0.14	1.24	0.36	2.72	0.50	0.11	<	0.05
MS-10	P 0.1	26	7	44	12	<	<	16	<	<	2.1	17	23	116	15	34	58	347	7	21	3	2	0.13	1.54	0.43	2.88	0.72	0.12	<	0.03
MS-11	P 0.3	10	6	85	8	<	<	13	<	<	2.2	18	19	158	9	29	55	755	7	16	4	2	0.15	1.26	0.29	2.98	0.39	0.08	<	0.09

Min Limit      0.1      1      2      1      5      5      3      1      10      2      0.1      1      1      2      5      1      2      1      2      1      1      1      1      0.01      0.01      0.01      0.01      0.01      0.01      0.01      0.01      0.01      0.01

Max Reported\*    99.9    20000    20000    20000    9999    999    9999    999    999    9999    99.9    9999    9999    9999    999    9999    9999    9999    9999    9999    9999    9999    9999    1.00    9.99    9.99    9.99    9.99    9.99    9.99    5.00    5.00

Method            ICP      ICP

—<=No Test    Ins=Insufficient Sample    Del=Delay    Max=No Estimate    Rec=ReCheck    m=x1000    %=Estimate %    NS=No Sample    P=Pulp

**APPENDIX B**  
**INVOICES SUPPORTING**  
**STATEMENT OF COSTS**

Invoice for Analytical Services

To:

Larry Carlyle

Invoice Date: 10/08/98

WO# 05559

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
29	Sample Preparation: Rock/D.C. Sample Preparation	5.00	145.00
3	Sample Drying	2.50	7.50
3	Soil/Sediment Sample Preparation	2.00	6.00
32	Analyses: Au + 30	16.00	512.00

Subtotal

670.50

GST @7% (R 121285662)

46.94

Total due on receipt of invoice

**\$717.44**

2% per month charged on overdue accounts

PAID CK #040  
 JR

Monley River

**Carlyle Morley River Field Work Invoice**  
**YMIP #98 - 006**

Carlyle Wages June 2/98 @ \$300./day	\$ 300.00
Carlyle Wages June 18/98 @ \$300./day	\$ 300.00
Carlyle Wages July 30 - Aug. 1/98 @ \$300./day	\$ 900.00
<hr/>	
TOTAL	\$ 1,500.00