Yukon
Economic Development

YUKON MINING INCENTIVES PROGRAM

FINAL SUBMISSION FORM

INSTRUCTIONS: Please read the guidebook before completing form.
Please type or print.

Submit completed form and summary or Technical Report by December 31 for the Grassroots prospecting and Grassroots Grubstake programs and by February 28 for the Target Evaluation programs to:

Yukon Mining Incentives program
Economic Development
Government of the Yukon
Box 2703, Whitehorse, Yukon, Y1A 2C6

TO BE COMPLETED AFTER PROJECT COMPLETION AND ACCOMPANIED BY THE SUMMARY OR TECHNICAL REPORT

Applicant Eugene Coerley File Number _____

Proposed project area(s) (NTS map no. and project name) completed? Attach list if space is insufficient.

1. 115I·3 Mt Nansen area, Montgomery, Victoria, Shit, Lonelies (Yes) No
2. 105L2 Little Salmon Lake area (Yes) No
3. 105L1 Jakken ck, Mogandy (Yes) No
4. Sixty mile Yes (No)

Changes to proposed project(s) (if any).

~~-0-~~

List other partners or personnel that worked on the project.

I WORK PERFORMED BY APPLICANT

		No. of days worked by Applicant
1. Project #1 area/name Mt Nansen		
Traditional prospecting	No. of Samples 75	24
Geological surveys	Scale /	
Geophysical surveys	Type /	
Geochemical surveys	Type No. of Samples /	
Drilling	Type / Ft.(m.)	
Trenching	Method /	
Other	Type /	
	TOTAL	24

2. Project #2 area/name 105 L 2

		No. of days worked by Applicant
Traditional prospecting	No. of Samples 10	6
Geological surveys	Scale	
Geophysical surveys	Type	
Geochemical surveys	Type No. of Samples	
Drilling	Type Ft.(m.)	
Trenching	Method	
Other	Type	
	TOTAL	6

3. Project #3 area/name 105 L 1 magundy R Lakkan CK

		No. of days worked by Applicant
Traditional prospecting	No. of Samples 80	23
Geological surveys	Scale	
Geophysical surveys	Type	
Geochemical surveys	Type No. of Samples	
Drilling	Type Ft.(m.)	
Trenching	Method	
Other	Type	
	TOTAL	23

4. Project #4 area/name shist CK 115-1-4

		No. of days worked by Applicant
Traditional prospecting	No. of Samples	1
Geological surveys	Scale	
Geophysical surveys	Type	
Geochemical surveys	Type No. of Samples	
Drilling	Type Ft.(m.)	
Trenching	Method	
Other	Type	
	TOTAL	1

II. SIGNIFICANT RESULTS (please complete)

Project Area	New Showings and/or Anomalies	Commodity	Best Analyses
105L1	✓	✓	✓
105L2	✓	✓	✓
115·1·3	✓	✓	✓

III. CLAIMS STAKED DURING/AFTER ACTIVITY (please complete)

Project Area	Claim Numbers	Number of Claim Units
		0

IV. OPTION AGREEMENTS RESULTING FROM YMIP PROJECT (please complete)

Optionee	Property/Claim	Dollar Value of Work Component
0		

V. TYPE OF MINERAL EXPLORATION UNDERTAKEN (please check one)

_____ Preliminary work on claims
_____ Initial exploration
_____ Advanced exploration
_____ Development

VI. VALUE OF GOODS AND SERVICES PURCHASED (estimate, please complete)

Within the Yukon $ 150600

Outside the Yukon $ 11750

VII. RESULTS OF MINERAL EXPLORATION (please complete)

✓ The discovery of a new prospect.
✓ The identification of a prospect warranting further exploration.
_____ The identification of an economic mineral deposit.
_____ The identification of a deposit which cannot support production.

VIII. SUMMARY OF EXPENDITURES

1. Daily Living Expense (claimed only by individuals)
   No. of days x YG rate/person, per day 54x35 .... $ 1890.00

2. Travel (state method: road, air, etc.) 3 trips whse Nansen return, 3 trips 10541 Return
   Truck – total km x YG rate/km Nansen 1440KM 10541. 192 KM @ .42 KM .... $ 1411.20
   Air Trans north Helicopter .6 hr .... $ 532.43
   Other ATV Personal 1 mo Rental 2 mos @ 1605.00 .... $ 3210.00
   @ 800 x 25 = 200 M @ 1500 + tax 1605 Personal 1 mo 200.00 1st wk 125

3. Analyses/Assay Costs (specify sample type and price/assay)
   Rock + soils .... $ 494.34

4. Equipment Rentals/Supplies
   Chainsaw 3 mos @ 450 25% .... $ 337.50
   Mobile Radio 3 mo @ 85.00 x 25% .... $ 64.00

5. Contractors (state name and type of work)
   .... $
   .... $

6. Line Cutting
   No. of km x price/km .... $

7. Geochemical Survey (specify sample type)
   No. of km x price/km .... $

8. Geophysical Survey (specify type of survey)
   No. of km x price/km .... $

9. Trenching (specify equipment used and price/hour)
   .... $

10. Drilling (specify diamond or percussion and rod size)
    No. of meters x price/meter .... $

11. Reclamation (specify type) .... $

12. Report Preparation $200 preparation $250 Final Report .... $ 450.00

13. Other Expenses (specify)
    GPS 3 mos @ 90 x 25 .... $ 67.50
    4X4 truck rental Personal 3 mos @ 1450 x 25% .... $ 1108.88
    Colour map copies $12.83 Fax $14.64 Portfolio & copies 19.74 Courier 47.20

TOTAL EXPENDITURES $

Attach list if space is insufficient.

The Department of Economic Development may verify all statements related to and make herein this application.

1. I am the person, or the representative of the company or partnership, named in the Application for Contribution under the Yukon Mining Incentives Program.

2. I am a person who is nineteen years of age or older, or represent a person, who is ordinarily a resident of Canada.

3. I have complied with all the requirements of the said program.

4. I hereby apply for the final payment of a contribution under the Yukon Mining Incentives Program (YMIP) and declare the information given above to be true and accurate.

Signature of Applicant E Cooley Date Jan 28/99

Name (print) EUGENE COOLEY

Position or Title (if applicable) _____

January 28 1999

Summary

a report on the 1988 Prospecting season
By Eugene Caerley.

The season began on june 26/88 with a trip to the mt nansen area 115.1.3 to Prospect for a Geophysical anomaly of Potassium + Thorium that occurred on the Headwater area of montgomery creek. The Geophysical mapping was done by Craig Hart and the anomaly has the same signature as the Casino deposit which occurs father north in the dawson range.

Prospecting was started in the creek near its confluence with Victoria CK. The creek is heavily stained with iron and the rocks carry a rusty coating in most places.. some angular Quartz Porphyry was found in this area, Probabal origin is the ANC claims which are located on the ridge and sidehill adjacent to Montgomery CK on the South side. Rocks in the creek were examined all the way to the Headwaters most of the rocks in the creek were metamorphic Shists + Gneiss, although some Granodiorite Boulders occur about 1 mile up the creek. Some Volcanics also occur mid creek, these rocks are Probably Carmacks Volcanics which are Buried in the area.

Quartz Porphry Rocks are scarce up to the Headwaters, only some occasional small Peices were found.

Panning was also done along the creek and Panning was also done on Piles of Gravel that had been excavated for assessment work. along the creek.. only minor flour Gold was found and no bedrock was found in the Piles. Rocks from the Piles were mostly metamorphic and well Rounded.

The sidehills along the creek were examined by digging through moss to get rock samples nothing of intrest was found just the usual metamorphic rocks. The whole area is moss covered with Buckbrush and son spruce trees occur on the South facing slopes,

The area East of the Headwaters of Montgomery Ck and south of mt mc Dade was gone over carefully a white Quartz Porphry Zone occurs 1/2 mile East of the headwaters, near the Blue Ribon trail. This Porphry Contains large feldspars but is not a mineral carrying age of Porphry according to Carlson all the samples taken from the area were re-Examined and found to contain nothing newer from the area and were not assayed.

It was decided that the anomaly, as a Copper Gold target did not exist. (Notes & map accompany this Report) Further discussion with Craig Hart led to

checking the latitude + longitude location of the anomaly and it was found that the actual location of the anomaly was further to the north. This new location was marked on the map and prospected at a later date.

I went to the 105-L-1 area to prospect the area south of the Nogandy R. This area has known lead, zinc, silver + copper mineralization. This mineralized area was first discovered by an old prospector named Lakken & the creek and lake in the area are named after him. More work & new showings have been found more recently by Greater Leonora resources.

The area was accessed by cat trail with an ATV.

An atv was also used to travel cross country at the higher levels where there are no trails. It would take many years to prospect all the areas accessible by ATV in this location.

The area prospected extended from the ridge just opposite the airstrip on the Campbell Hwy. 20 miles west of Faro. and extended to Lakken Creek.

On this ridge the rocks were very mixed with skarn rocks intermixed with granitic rocks with some blocks of Granodiorite 1ft x 2ft surrounded By skarn rocks like a Giant Breccia

Very little little mineralization occurred in the rocks examined. much of the area is covered by glacial till under the moss only the sides of Ridges and deeply cut creeks and occasionally along the cat trail is bedrock exposed. Bedrock is also exposed in some areas on top of the High Country around the 4800 ft level. The area between Ridge #1 and creek #1 (as marked a map) contained one outcrop of shists & gneiss Grey Black in colour with min Pyrite. between creek 1 and creek 2 very little bedrock exposure until you get close to CK 2 on the east side of the CK valley a highly Silicified ridge outcrops just south of the cat trail at first thought to be a large vein but was just another unusual feature of the many in this area. on the west side of CK 2 limestone with Brown staining extends down to the Mogundy Valley. on top of the ridge adjacent to the limestone a black Volcanic? rock outcrops a few Pyrite specks occur in this rock. some small pieces of the black Rock occur in the limestone as a Breccia.?

Farther west from CK 2 to Boulder CK exposed shists with Quartz cutting veins up to 1 foot wide are located on the ridge above the CK on the east side above where the creek enters the Mogundy creek valley. Not much mineralization some rust staining.

The area between Boulder CK and Lokken was Prospected. the west side of Boulder CK is heavily Glaciated and very steep (The east side of the creek is the same nearly Vertical)

outcrop all along ridges from Lokken to Boulder Ck were examined most of the area is shist + Gneiss except along the side of the ridge above the little lake near claim 75 of the Jack Claims. some limestone also occurs. No significant mineralization was found just the usual Pyrite. The west side of Boulder Ck was examined but the steepness of the terrain made it to dangerous to Prospect 3 ravines intersecting Boulder Ck. These Ravines are Presumed faults as is Boulder Ck. a dowsing anomaly exists in this area. It was decided that B would not Re stake the Jack claims that come or were coming open. A little time was spent on these claims. It would have required a Helecopter to stake any amount of claims. This was not feasible at this time. I doubt that a deal could be made in this financial climate. The two companies I contacted said they weren't interested in that kind of Property. locations are marked on accompanying maps + notes.

The West end of little Salmon Lake 105-L-2 was looked at very briefly. an altered zone Between Shist and Granodiorite was examined this Zone is 3 miles from the west end of the lake and its location is marked on accompanying map. only 1 day was spent on this area,
a creek that flows into the lake 6½ miles from the west end was Prospected. Placer Gold was found in the creek which contains much glaciated material, the gold is generally fine with rare medium size. The sides of the creek were Prospected for a Possible source of the Gold, most of the area was covered by glacial overburden But some outcrops occur along the creek. Small Quartz veins were observed in the shists that surround the ck the veins were small, usually, about 1" to 2" some were up to 1 foot. very little mineralization occurred, some Pyrite, and rare chalcopyrite, No V.G. was found. These veins were too far apart and too small for a lode deposit. The creek was staked for Placer. a local Resident approached me about staking the creek and informed me that he had applied to Buy the lower Part of the creek from the Government so I did not record my claim. locations are outlined on accompanying map and notes.

West Beck to mt Nansen aug 19/98 to Prospect new location for Geophysical anomaly. 115-1.3 This new location is just east of Granite creek and just north of the next Parallel creek from montgomery ck. as indicated on accompanying map & notes. Prospecting was done on the anomaly location and surrounding areas outcropping occurs only on ridges and tops of Knobs. These were mostly Gneiss with shists and were mineralized with 5% or greater Pyrite in most cases.

Soil & Rock sampling was carried out across the centre of the anomally. locations were numbered and marked with Ribbon.

a Rusty Rounded dome west of the anomally was Rock sampled. The Rocks were Highly Silicified and also were cut By Quartz veins which Contained a few specks of what was thought to be arseno Pyrite Some of the Quartz Veins were stained apple green. assays did not show arsenic or Gold in these samples.

An outcrop on the north side of the next Creek North of the anomally looked like a Gossan from a distance. it is located about halfway up the creek from its confluence with Granite ck. The outcrop was highly Silicified with some alteration, the Rock were Grey in colour and when Broken Brake along Planes like Andesite most of the outcrop was Covered By Talus

Quartz veining also occurred in the outcrop veins up to 1 foot wide were observed. Float from these veins looked identical to the high grade float from Iron creek, assays were disappointing.

Most of the samples taken were assayed and results are accompanying this report.

Sample no 9825R thru 9830R also 9825S thru 9833S are located on the map

The next area Prospected was the Lonely Ck area 115-11.3 West of the Dows claims on the north side of Lonely Ck and on the south side where a number of Geophysical anomalies occur. These areas are outlined on the accompanying map & notes.

The area Prospected on the north side of Lonely Ck is almost all moss covered, outcroppings were Shist & Gneiss nothing interesting was found. The Potassium, Thorium anomally south of Lonely Ck was sampled. The anomally area is mostly moss covered with some small outcrops, outcrops are mostly Gneiss & shist with a lot of Pyrite holes dug over the area contained the same kinds of rock. The anomally area is much smaller than the Granite Ck one. 2 soil samples & 2 Rock samples were taken on the anomaly 1 Rock sample was taken from top of the ridge near shist Ck the Rocks are shist but have green ultra mafic like appearance. and also contain some sulphides.

There are a lot of Ridges in the area which makes Walking excellent. Sample no's are located on the accompanying map and are LS1R - LS2R and LS2R from the anomaly and L198 from the Ridge above shist ck

on map sheet 115.1.4

Prospecting was done near shist ck on a small tributary and on surrounding hills. a high gold anomally was found by stream sediment sampling in a Bout survey. It was thought that this might be a Placer ck or that a lode deposit may occur around the ck.

.a soil sample was taken from the hills on Both sides of the ck. and one soil sample from the ck Bed. Rocks surrounding the ck were Shists & Gneiss. no interesting rocks were found. The area was accessed By Helicopter. on the return flight to webber ck a huge Gold dowsing anomall was overflown and located on the map on the north side of londyck a smaller Dowsing anomally was marked adjacent to the Dows claims:

Conclusion

The Geophysical anomallys are not on surface and may Be Buried. no further surface Prospecting is anticipated an them.

The area on shist Ck 115-1.4 requires no further Work. (where Prospected in 98)

little Salmon lake. It is still believed that some important mineralization will be found in this area - 105-L-2

Sokken ck area 105-L-1

The mineral showings in this area should be staked at any sign of market Recovery.
This is an extremely exciting area and has excellent Potential for many different types of mineral deposits over the whole map area.

Note:
many samples were taken each day from the 105 L 1 area. none were assayed. due to lack of visual mineralization. This was Probally a mistake. I have a number of these samples and will assay some of them in 1999.

The 60 mile area was not visited I was to be accompanied to that area by Bill Jarvis who unfortunately Passed away in 1998.

JUNE '98

JUNE

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

JULY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

"Nothing is so embarrassing as watching someone do something that you said couldn't be done."
— SAM EWING

22 MONDAY

23 TUESDAY

24 WEDNESDAY
St. Jean Baptiste Day (Que.)

THURSDAY 25

FRIDAY 26

First Day 1998 Season

loaded Gear & supplies
Went to mt Noreen [illegible] 13
To prospect Geophysical anomaly.
Potassium & Thorium around.
Montgomery Ck (supposed copper gold porphry)

SATURDAY 27

Rain & showers - started prospecting on lower Montgomery Creek. Examined every rock for mineralization

SUNDAY 28

Sunny, Hot - upper Montgomery Ck
Creek rocks are of all kinds
Shale, [illegible] granodiorite, [illegible]
volcanics, Quartz porphry

JUNE '98

JULY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

29 MONDAY Sunny - hot
Prospected sides of Montgomery CK
Dry holes in moss.
Rocks shists & Gneiss

30 TUESDAY Sunny Hot
Prospected sides of Montgomery CK. Same kinds of Rock

1 WEDNESDAY Sunny Hot JULY
Canada Day. Prospected Head Waters area of M.CK. Highly silicified metamorphic Rock, Browns with some white Quartz no mineralization.

AUGUST

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

"The future has a way of arriving unannounced."
— GEORGE F. WILL

M. CK = Montgomery Creek

Sunny Hot THURSDAY 2
Prospected area from Head of M CK Back to south of Mt McDade, Rocks shists & Gneiss, Huge zone of Quartz Porphry Quartzite Quartz, & Big Feldspars Not mineralized according to Carlson.

FRIDAY 3
Examined the many samples at camp. from M.CK. It was decided that the anomaly was not there and no samples were assayed. Went to Whse. to get supplies for 105L area (Magundy & little Salmon

SATURDAY 4
Independence Day (U.S.)

SUNDAY 5
Went to Magundy 105L. Fire closed Rd By little Fox Lake for a while. Back to 105L area Late.

JULY '98

JULY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

6 MONDAY Sunny Warm (Smoky)

Checked Ridge first one south of Mof[illegible] Very altered Granite, limestone, Skarn, Banding. Rock not much mineralization except very minor Pyrite.

7 TUESDAY Sunny Warm (Smoky)

Prospected along trail to Lokken CK. Whole area is glaciated with till, outcrops on Ridges & mountain tops. area is all intermixed Skarn, schist & gneiss, Volcanics & Granitic Rocks. and a trace of ultramafics

8 WEDNESDAY (little salmon & Lokken L.)

Prospected sidehills Below Jock Claims all Buckbrush + till some completed [illegible] Rusty float Could Be Volcanic, Could Be local (west side of unnamed CK) nicknamed Boulder CK on MAPS

AUGUST

S	M	T	W	T	F	S
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2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

"Success is getting what you want. Happiness is liking what you get."
— H. JACKSON BROWN

THURSDAY 9 Smoke sun Cloud.

Went to Prospect same area as yesterday — Ran into Grizzly sow & cub - Prospected East side of creek instead sidehills all glacial till Buckbrush not much interesting to look at

FRIDAY 10

Sunny. Warm smoke. Prospected around Creek & Ridges 1st CK East of Boulder CK. Rocks May Be Meta Volcanic Some rust staining — May Volcanic Rocks with lots of Quartz. (Called Creek #2)

SATURDAY 11

Part Cloud Smoky
Prospected Ridge near [illegible] area [illegible] Rocks [illegible] [illegible] [illegible]

SUNDAY 12

Went to Whitehorse

JULY '98

JULY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

AUGUST

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

"If dandelions were hard to grow, they would be most welcome on any lawn."
— ANDREW V. MASON

13 MONDAY

Seen Dr. –
Chest xRay –
Some Breathing Problems
probably smoke Related [illegible]

14 TUESDAY

15 WEDNESDAY

THURSDAY 16

FRIDAY 17

SATURDAY 18

Returned to Moquenay [illegible]
10 S'L 2 [illegible] –

Smokey **SUNDAY 19**

Prospected Boulder Creek East side
toward Moquench R. Slopes = till
top of Ridge, shallow [illegible],
cliff toward [illegible] [illegible]

JULY '98

JULY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

20 MONDAY Smoky

Same area same Rocks.

21 TUESDAY Smoky

[illegible] on high ground
just east of Ck #2
outcrops appear to be
Volcanic and [illegible]
Volcanic Block with some
sulphides, [illegible] is brecciated,

22 WEDNESDAY Smoky

Mapped same area
as yesterday, same Rocks
no major mineralization

AUGUST

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
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16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

"Often the best way to win is to forget to keep score."
— MARIANNE ESPINOSA MURPHY

THURSDAY 23 Smoky.

left area –

FRIDAY 24

SATURDAY 25

SUNDAY 26

AUGUST '98

AUGUST

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
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16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

SEPTEMBER

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20	21	22	23	24	25	26
27	28	29	30			

"I always prefer to believe the best of everybody – it saves so much time."
— RUDYARD KIPLING

3 MONDAY
Civic Holiday (AB, BC, MB, NB, NT, ON, SK)

4 TUESDAY Sunny & Warm
Went to Little Salmon L.
area 105-L-1 B
Prospect area north of
Highway, West end of lake.

5 WEDNESDAY Sunny Warm
(outlined area on map)
Prospected area 3 miles
from end of lake. observed
alteration in area. Could be
Contact between Granodiorite
and Shists, Both Present.
not much mineralization
a little Pyrite.

Sunny Warm THURSDAY 6
Prospected creek
6 1/2 miles from end of lake
North of Rd. Placer Gold was found
in CK - maybe local or from
Glacial Material -

Cloudy FRIDAY 7
Inspected some outcrops
along Creek. Hillsides
Covered by Slide Rock or
glacial material - outcrops
Shists + metamorphic Rocks.
Small Quartz vein cut shist -
2" veins, small, some Pyrite

Cloud & sun SATURDAY 8
Staked Creek for Placer
Small veins in shist maybe
source of Gold, (not economic
for lode deposits

SUNDAY 9
Went to Whitehorse to pick
up rental ATV.

AUGUST '98

AUGUST

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

SEPTEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

"Diplomacy is letting someone else have your way."
— LESTER B. PEARSON

10 MONDAY

(Whitehorse)
ATV not in.
Phoned Company. ATV
shipped Thursday AUG 6

11 TUESDAY warm sunny

ATV Not in, trucking
Company Has no Record of
it being shipped.

12 WEDNESDAY sunny warm

Picked up ATV

THURSDAY 13 Sunny warm

Got supplies & Repaired
Radio antenna, returned
to 105 i 2 area.

FRIDAY 14 Sun, cloud,

Prospected top of mountain
South of Magundy & west of
Boulder Ck. [illegible]
[illegible] [illegible]
[illegible]

SATURDAY 15 Sun Cloud -

Same area
Same [illegible].

SUNDAY 16 Sun Cloud ·

Same area, Cross Cutting
faults intersect Boulder C.K.
[illegible] sides of mtn very
steep.

AUGUST '98

AUGUST

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

SEPTEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

"The nice thing about egorists is that they don't talk about other people."

— LUCILLE S. HARPER

17 MONDAY showers - cloudy sun

Prospected to west still on mountain top fairly flat moss & glacial till, outcrops - metamorphic, shists etc.

18 TUESDAY showers cloud sun

went down Boulder ck. around base of mtn. steep sides, buckbrush, glacial till slide rock. Very Dangerous to climb. Rocks are of all kinds mixed. No outcrop or locum [illegible]

19 WEDNESDAY Warm sunny

Went to mt Nancie... 11573 to prospect for Geo Physical anomaly - Previous location was incorrect.

THURSDAY 20 Sunny warm smoke

Prospected around area of Geo P. anomaly. Rocks mostly shist & gneiss. High percentage pyrite 5-10% in some rocks

FRIDAY 21 Cloudy rain smoke.

Same area, took some samples of gneiss with some veining & sulphides, took some soils (Sample locations marked on accompanying map)

SATURDAY 22 Cloudy Rain Heavy

Same area same rocks, short day because of weather

SUNDAY 23 Cloud & sun smoke

Took samples of rock - on western end of anomaly. Rusty, Quartz, veining, some arsenic sulphides some iron staining, took some soils.

AUGUST '98

AUGUST

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

SEPTEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

"If a window of opportunity appears, don't pull down the shade."

— TOM PETERS

24 MONDAY Cloud showers

Found rusty outcrop
on north edge of CK Balou crossing
about 100 ft exposure mostly
rusty silicified rock & white quartz,
& grey quartz similar to Glen CK.
took samples stored [illegible]

25 TUESDAY Cloudy showers

Went to Lovely CK
southwest of [illegible] claims,

26 WEDNESDAY Cloudy some sun

Prospected north of [illegible]
Lovely CK just west of claims.
Ground is Moss covered
some trees. outcrops are
metamorphic schists & Gneiss
economical schist that was [illegible]
stained, looked like quartz but
was not.

THURSDAY 27 Cloudy Rain Wind

Prospected Ridges around
target area (Geophysical)
Rock are metamorphic
shists & gneiss with some
Rocks much pyrite. some
shists contain layers of ultra
mafic rocks

FRIDAY 28

Prospected some area
took samples of Rock
& soil directly across
[illegible] - [illegible]
anomaly. schists & gneiss.
(Locations are all marked
on map.

SATURDAY 29

Went [illegible] to [illegible]
to arrange chopper
trips

SUNDAY 30

Chopper did not
show up.

AUGUST '98

SEPTEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

OCTOBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

"My father always told me, 'Find a job you love and you'll never have to work a day in your life.'"
— JIM FOX

31 MONDAY

Contacted Transnorth
Chopper to come on 1st
of Sept

1 TUESDAY SEPTEMBER

Chopper did not come

2 WEDNESDAY

Chopper came.
Went to Spirit creek.
Prospected Gold anomaly.
took samples.
Rocks Schists Gneiss.
when returning to Ranson flew
over Huge Hardrock + Placer
Gold anomaly (Dowsing)

THURSDAY 3

Took samples to
Whitehorse for assay.

FRIDAY 4

SATURDAY 5

SUNDAY 6

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

15/09/98

Certificate of Analysis

of pages (not including this page): 1

Eugene Curley

WO# 05598

Certified by _____
John Reeve (Senior Chemist)

Date Received: 04/09/98

SAMPLE PREPARATION:

Code	# of Samples	Type	Preparation Description (All wet samples are dried first.)
r	10	rock	Crush to -10 mesh; riffle split 200g; pulverize to -100 mesh
s	14	soil	Screen -80 mesh

ANALYTICAL METHODS SUMMARY:

Symbol	Units	Element	Method (A:assay) (G:geochem)	Fusion/Digestion	Lower Limit	Upper Limit
Au	ppb	Gold	G: FA/AAS	15g FA / aqua regia	5	7000

AAS = atomic absorption spectrophotometry
FA = fire assay

1000ppb = 1ppm = 1g/mt = 0.0001% = 0.029166oz/ton

Northern Analytical Laboratories ltd.

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Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

15/09/98 Certificate of Analysis

Eugene Curley WO# 05598

Certified by

	Sample #	Au ppb
r	LS1R	<5
r	LS2R	<5
r	L1 98	<5
r	SC1R	<5
r	9825R	139
r	9826R	<5
r	9827R	<5
r	9828R	<5
r	9829R	5
r	9830R	5
s	SC1S	8
s	SC2S	<5
s	SC3S	12
s	LS1S	<5
s	LS2S	16
s	9825S	8
s	9826S	<5
s	9827S	28
s	9828S	11
s	9829S	9
s	9830S	11
s	9831S	<5
s	9832S	8
s	9833S	<5

CERTIFICATE OF ANALYSIS
iPL 98I1011

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

Northern Analytical Laboratories — **24 Samples** — Out: Sep 25, 1998 In: Sep 22, 1998 [101117:16:10:89092598]

Project : W.O. 5598
Shipper : Norm Smith
Shipment: PO#: 54572
Analysis:
ICP(AqR)30

Comment:

Document Distribution

1 Northern Analytical Laboratories
105 Copper Road
Whitehorse
YT Y1A 2Z7
Canada
Att: Norm Smith

EN	RT	CC	IN	FX
1	2	1	1	0
DL	3D	EM	BT	BL
0	0	0	0	0

Ph:867/668-4968
Fx:867/668-4890
Em:NAL@hypertech.yk.ca

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B311	24	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
02	0711	ICP	ppm	Cu ICP	Copper	1	20000
03	0714	ICP	ppm	Pb ICP	Lead	2	20000
04	0730	ICP	ppm	Zn ICP	Zinc	1	20000
05	0703	ICP	ppm	As ICP	Arsenic	5	9999
06	0702	ICP	ppm	Sb ICP	Antimony	5	999
07	0732	ICP	ppm	Hg ICP	Mercury	3	9999
08	0717	ICP	ppm	Mo ICP	Molydenum	1	999
09	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
10	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
11	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
12	0710	ICP	ppm	Co ICP	Cobalt	1	9999
13	0718	ICP	ppm	Ni ICP	Nickel	1	9999
14	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
15	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
16	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
17	0729	ICP	ppm	V ICP	Vanadium	2	9999
18	0716	ICP	ppm	Mn ICP	Manganese	1	9999
19	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
20	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
21	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
22	0736	ICP	ppm	Sc ICP	Scandium	1	9999
23	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
24	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
25	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
26	0712	ICP	%	Fe ICP	Iron	0.01	9.99
27	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
28	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
29	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
30	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals: 1=Copy 1=Invoice 0=3½ Disk
DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C030901
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABORATORY LTD.

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

CERTIFICATE OF ANALYSIS
iPL 98I1011

Client : Northern Analytical Laboratories
Project: W.O. 5598

24 Samples
24=Pulp

[101117:16:10:89092598]

Out: Sep 25, 1998
In : Sep 22, 1998

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 %
LS 1R	<	6	5	22	37	<	<	2	<	<	4.2	15	23	32	<	87	17	216	14	66	4	1	0.03	1.22	0.42	1.93	0.55	0.16	<	0.02
LS 2R	<	24	9	56	46	<	<	3	<	<	5.7	15	29	45	<	88	34	318	20	12	5	3	0.11	1.56	0.29	2.76	0.94	0.13	<	0.06
L 198	<	8	6	24	38	<	<	2	<	<	4.4	12	11	51	<	134	37	257	4	162	2	3	0.08	1.41	1.34	2.09	0.57	0.02	<	0.04
SC 1R	<	29	21	64	30	<	<	1	<	<	6.1	18	26	122	<	78	27	720	27	14	2	4	0.03	1.18	0.17	3.31	0.28	0.37	<	0.05
9825R	<	5	<	7	9	<	<	1	<	<	0.8	2	7	42	6	154	3	76	6	5	1	<	<	0.13	0.03	0.46	0.02	0.05	0.02	0.01
9826R	<	13	2	37	8	6	<	2	<	<	1.8	4	17	402	5	158	11	202	4	12	1	2	<	0.16	0.09	0.97	0.03	0.06	<	0.01
9827R	<	5	3	8	<	<	<	2	<	<	0.8	1	5	93	<	200	2	79	<	6	1	<	<	0.07	0.03	0.41	0.01	0.03	0.01	0.01
9828R	<	6	2	11	5	<	<	1	<	<	0.8	2	4	31	<	173	3	61	<	3	1	<	<	0.06	0.06	0.40	0.02	0.03	0.01	0.02
9829R	<	8	8	31	16	<	<	2	<	<	3.0	5	9	197	<	166	11	306	4	6	2	2	<	0.12	0.06	1.70	0.02	0.03	0.01	0.02
9830R	0.1	12	13	44	8	<	<	3	<	<	4.2	5	5	124	<	88	69	88	10	79	2	10	0.07	0.57	0.08	2.37	0.27	0.29	0.07	0.06
SC 1S	0.1	7	3	28	12	<	<	1	<	<	3.3	5	10	72	<	20	43	182	14	13	1	1	0.04	0.69	0.22	1.90	0.21	0.06	<	0.05
SC 2S	<	5	3	25	18	<	<	1	<	<	2.9	4	9	64	<	12	19	252	8	19	1	1	0.03	0.63	0.26	1.55	0.21	0.06	0.01	0.04
SC 3S	0.1	17	11	56	49	<	<	2	<	<	5.5	10	23	103	<	25	44	513	20	16	1	3	0.04	1.32	0.19	2.95	0.34	0.19	<	0.04
LS 1S	0.2	26	16	58	77	<	3	2	<	<	8.1	15	36	102	<	36	70	280	17	29	5	3	0.08	2.61	0.18	3.98	0.54	0.15	<	0.03
LS 2S	<	27	6	33	29	<	<	2	<	<	4.0	6	9	43	<	14	64	123	10	12	1	1	0.05	0.98	0.08	2.17	0.18	0.07	0.01	0.03
9825S	0.3	26	28	192	65	<	<	3	<	<	8.1	14	28	274	<	34	78	372	15	16	3	4	0.06	1.94	0.18	3.52	0.39	0.10	<	0.03
9826S	0.4	61	18	146	78	<	<	1	<	<	13.0	18	119	459	<	66	61	518	24	12	4	10	<	2.10	0.11	6.39	0.23	0.08	<	0.07
9827S	0.2	22	13	50	67	<	4	2	<	<	5.9	10	21	227	<	28	60	228	12	15	3	3	0.04	1.84	0.16	2.86	0.37	0.10	<	0.02
9828S	0.2	78	35	271	34	14	<	8	<	<	14.6	30	106	560	<	48	70	2158	27	27	3	12	0.01	0.56	0.26	6.69	0.19	0.09	<	0.09
9829S	0.3	48	11	103	78	<	<	3	<	<	9.3	18	60	244	<	100	125	394	14	13	3	9	0.21	2.32	0.21	4.49	1.34	0.59	<	0.06
9830S	0.2	23	9	55	58	<	<	2	<	<	7.0	10	24	156	<	45	71	269	12	13	2	5	0.06	1.95	0.16	3.48	0.45	0.14	<	0.03
9831S	0.2	23	7	54	55	<	<	1	<	<	7.2	13	21	135	5	36	79	396	12	11	2	6	0.09	1.93	0.14	3.56	0.54	0.19	<	0.04
9832S	0.2	25	9	67	69	<	<	2	<	<	8.3	14	20	302	<	33	83	437	12	10	2	8	0.09	2.24	0.14	4.21	0.64	0.26	<	0.04
9833S	0.2	16	8	44	51	<	<	2	<	<	6.5	10	17	70	<	32	74	314	12	11	2	3	0.09	1.66	0.14	3.32	0.42	0.09	<	0.03
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	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	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

Invoice for Analytical Services

To:

Eugene Curley

Invoice Date: 15/09/98

WO# 05598

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
	Sample Preparation:		
10	Rock/D.C. Sample Preparation	5.00	50.00
14	Soil/Sediment Sample Preparation	2.00	28.00
	Analyses:		
24	Au + 30	16.00	384.00

Subtotal	462.00
GST @7% (R 121285662)	32.34
Total due on receipt of invoice	$494.34

2% per month charged on overdue accounts

REMIT PAYMENT TO:

TRANS NORTH HELICOPTERS

TRANS NORTH TURBO AIR LTD.
AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
TELEPHONE (403) 668-2177 FAX (403) 668-3420

ACCOUNT NUMBER	CURLEUG
INVOICE NUMBER	12761
INVOICE DATE	07 09 98
AREA	B.C. YUKON NWT ALTA
A/C TYPE	206 B
AIRCRAFT REGISTRATION C	FEXP
FLIGHT DATE	DAY 02 MONTH 09 YEAR 98
PURCHASE ORDER NO.	

CHARTERER: EUGENE CURLY

BILLING ADDRESS: Box 47
Faro, Y.T YOB 1KO

FUEL & OIL-X TNTA / CUST.	TNTA FUEL USED	HRS./LITRES	FROM
✓	CMKS		

FROM: SURVEY
TO:

HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
.6	

PAID CASH
October 13/98
532.43
dc

SUB	G.L.	AMOUNT
1907	502	450 00
1900	131	47 60
0000	323	34 83

.6	@ 750.00		450	00
	@			
HOLDING TIME:	@	/ HR.		
FUEL 68 l	@ .70	/ LITRE	47	60
FUEL	@	/ LITRE		
MEALS & LODGINGS				
OTHER				
OTHER				
SUB TOTAL			497	60
GOODS & SERVICES TAX REGISTRATION NO. R121483135			34	83
TOTAL		$	532	43

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X _____ CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS FMS

PILOTS SIGNATURE

ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE – PAY UPON RECEIPT

BLUELINE

DATE June 11 19 98

RECEIVED FROM / REÇU DE Eugene Curley

two hundred ~~XX~~ DOLLARS

FOR / POUR Report Writing & Application.

FROM / DE _____ TO / À _____

$ 200.00 BY / PAR Larry W. Carlyle

B5552

TOTAL NORTH COMMUNICATIONS LTD.

311 Black Street Whitehorse Yukon Y1A 2N1 Tel (867) 668-5175 Fax (867) 668-4710

BILL TO:

EUGENE CURLLEY
C/O 202 HOTEL

CUSTOMER INVOICE: T- 9808067

CUST ACCOUNT NO	CASH
P.O. / CONTRACT	
INVOICE DATE	August 13, 1998
TERMS	CASH
PAYMENT TYPE	CASH
SALESPERSON	Daryl

EQUIPMENT TYPE	MODEL / TYPE	INVENTORY / SER NO	RE:
RADIO	WR155B		

SERVICE REQUEST:

REPAIR ANTENNA

	HOURS	RATE	AMOUNT
REGULAR	0.50 @	60.00	$30.00
OVERTIME	@		
TRAVEL	@		
TOTAL LABOR			$30.00

DESCRIPTION of CHARGES

TEST AND TUNE RADIO AUDIO IS A LITTLE NOISEY ON TX FIXED ANTENNA AND ADDED POWER CORD

QUOTED / FLAT AMOUNT	
RADIO & EQUIP RENTALS	
PARTS / PRODUCT TOTAL	$10.00

TRAVEL EXPENSES

Kilometres	TRAVEL	HOTEL	MEALS
@			

TOTAL EXPENSES

SUBTOTAL	**$40.00**
G.S.T. 0.07	**$2.80**
GST #R105328132	
INVOICE TOTAL:	**$42.80**

CUSTOMER SIGNATURE.....

2% INTEREST (24% PER ANNUM) CHARGED ON OVERDUE ACCOUNTS

ITEMIZED PARTS / PRODUCT LIST

QUANTITY	PART / PRODUCT NO	DESCRIPTION	UNIT PRICE	AMOUNT
1	SHOP SUPPLIES		10.000	$10.00

392540 Alberta Ltd.

300, 10301-108 Street
Edmonton, Alberta
T5J 1L7
403-448-2896, Fax: 403-421-7633

Invoice

September 5, 1998

Invoice # 9858

To: Eugene Curley
Box 47
Faro, Yukon
Y0B 1K0

Qty	Description	Rate	Amount
1	Monthly lease of Quad machine - August	1,500.00	1,500.00
	GST Reg Number 13816 5055 RT		105.00
	Grand Total		1,605.00

Terms: Amounts are due upon receipt of invoice. Please have the cheque made payable to 392540 Alberta Ltd..

392540 Alberta Ltd.
300, 10301-108 Street
Edmonton, Alberta
T5J 1L7
403-448-2896, Fax: 403-421-7633

Invoice

September 5, 1998

Invoice # 9859

To: Eugene Curley
Box 47
Faro, Yukon
Y0B 1K0

Qty	Description	Rate	Amount
1	Monthly lease of Quad machine - September	1,500.00	1,500.00
	GST Reg Number 13816 5055 RT		105.00
	Grand Total		1,605.00

Terms: Amounts are due upon receipt of invoice. Please have the cheque made payable to 392540 Alberta Ltd..

Eugene Cawley   Jan 28/99

Expenses for 1998 prospecting season

Report writing 250 $\underline{00}$

E. A. Cawley

PUROLATOR ACCOUNT NO./N° DE COMPTE PUROLATOR

IMPORTANT - TÉLÉPHONE: 902 658 2895

SENDER (FROM) / EXPÉDITEUR (DE): E CURLEY — 02 04 99

STREET ADDRESS / ADRESSE (N° ET RUE): BOX 47 FARO (FROM PEI) — APT., SUITE / APP., BUREAU

CITY / VILLE: YUKON — PROV./STATE/ÉTAT — POSTAL/ZIP: Y0B1K0

RECEIVER (TO) / DESTINATAIRE (À): Ken Galambos — YUKON MINERAL INCENTIVES PROG

STREET ADDRESS / ADRESSE (N° ET RUE): 2099 Second ave — APT., SUITE / APP., BUREAU: (F3)

CITY / VILLE: whitehorse — PROV./STATE/ÉTAT: YUKON — POSTAL/ZIP: Y1A

ATTN: (NAME/DEPT.) / À L'ATTENTION DE (NOM/SERVICE) — IMPORTANT - TÉLÉPHONE: 867 667 5996

DESCRIPTION (INCLUDING DANGEROUS GOODS / INCLUANT MARCHANDISES DANGEREUSES): Documents

SENDER REFERENCE (IF ANY) / RÉFÉRENCE DE L'EXPÉDITEUR (LE CAS ÉCHÉANT) [redacted]

SENDER SIGNATURE / SIGNATURE DE L'EXPÉDITEUR: X Ed Curley X

SEE TERMS AND CONDITIONS ON REVERSE / CONDITIONS AU VERSO

SERVICE OPTIONS / TYPES DE SERVICE

- PURO-LETTER
- PURO-LETTER PLUS
- SATURDAY SERVICE / SERVICE DE SAMEDI
- 9:00 A.M. DELIVERY / LIVRAISON 9 h
- 10:30 A.M. DELIVERY / LIVRAISON 10 h 30
- PUROLATOR USA M. ExpressPak

BILL CHARGES TO / FACTURE À

- CREDIT CARD / CARTE DE CRÉDIT
- CASH / COMPTANT [X]
- 3RD PARTY / TIERS
- SENDER / EXPÉDITEUR [X]
- RECEIVER / DESTINATAIRE

SHIPMENT / DETAILS / EXPÉD.

NO. OF PIECES / N° DE PIÈCES — WEIGHT / POIDS — SUBJECT TO CORR. / SUJET À CORRECT. — L, B, K, G

DECLARED VALUE (FOR INSURANCE PURPOSES) / VALEUR DÉCLARÉE (AUX FINS D'ASSURANCE) $ — SEE TERMS / VOIR LES CONDITIONS

Purolator

DETACH THE SENDER'S COPY (GREEN) AND PLACE ALL REMAINING COPIES ON THIS ENVELOPE.
DÉTACHEZ ET RETENEZ LA COPIE (VERTE) DE L'EXPÉDITEUR ET APPOSEZ TOUTES LES AUTRES COPIES SUR CETTE ENVELOPPE.

BILL OF LADING -NOT NEGOTIABLE / CONNAISSEMENT -NON NÉGOCIABLE: 3020 761 9229

COURIER SIGNATURE/SIGNATURE DU COURRIER: RW — DATE: 02/04/99

CREDIT CARD TYPE AND NO./TYPE ET N° DE CARTE DE CRÉDIT — EXP. DATE — CHARGES / FRAIS: 28.95 / 30.98

THIRD PARTY ACCOUNT NO./N° DE COMPTE DU TIERS

THIRD PARTY BILLING NAME & ADDRESS / FACTURATION À UN TIERS (NOM & ADRESSE)

Paid cash

LIMITATION OF LIABILITY IMPORTANT, PLEASE READ
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N.B. VEUILLEZ PRENDRE CONNAISSANCE DES CONDITIONS AU VERSO, Y COMPRIS LES LIMITATIONS ET EXCLUSIONS DE RESPONSABILITÉ DU TRANSPORTEUR, QUI SONT ACCEPTÉES PAR LES PRÉSENTES.

PLEASE REFER TO BILL OF LADING NUMBER FOR SHIPMENT STATUS/INQUIRIES.
POUR TOUT RENSEIGNEMENT, VEUILLEZ NOUS COMMUNIQUER LE NUMERO DE CONNAISSEMENT.

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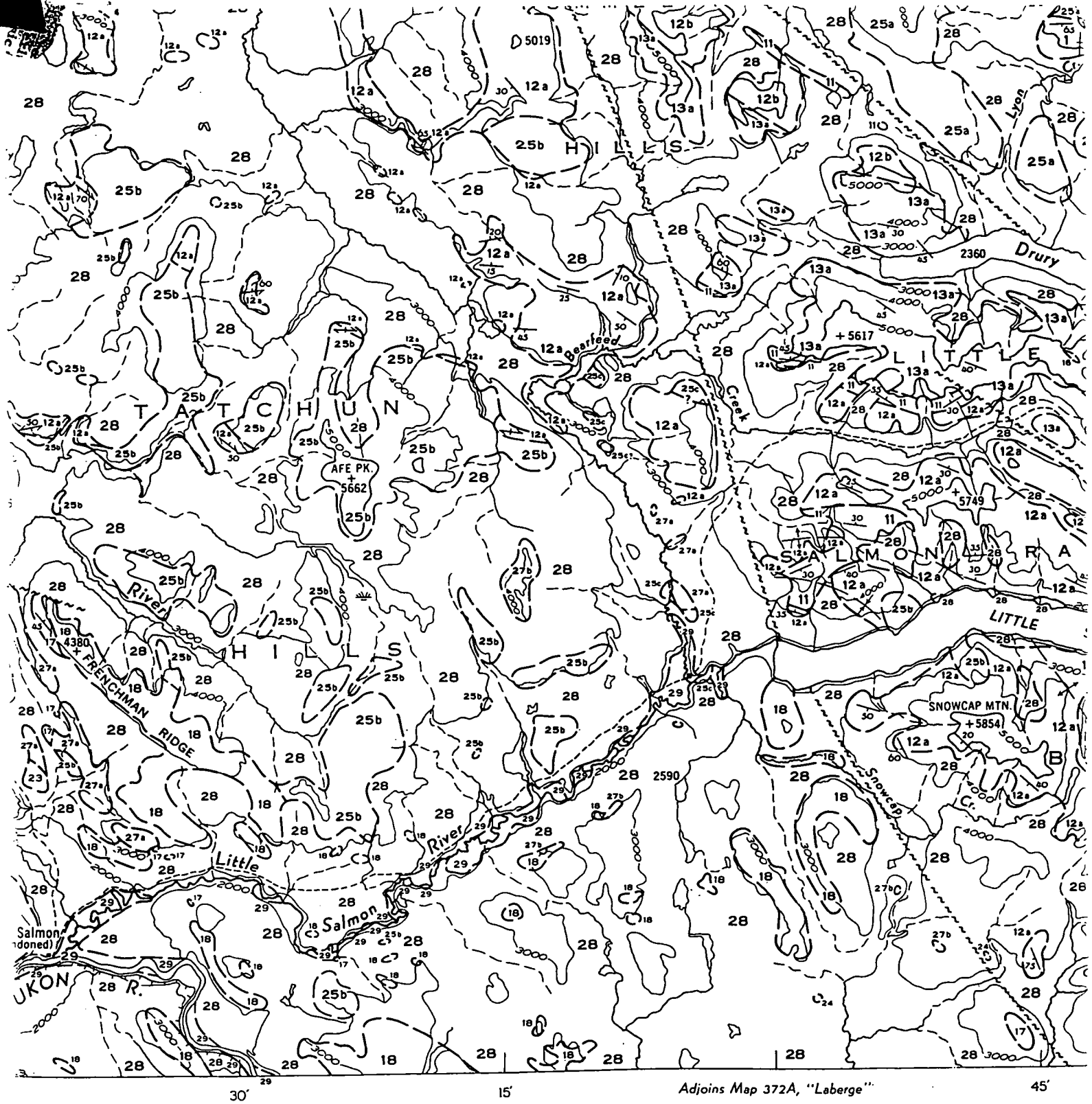
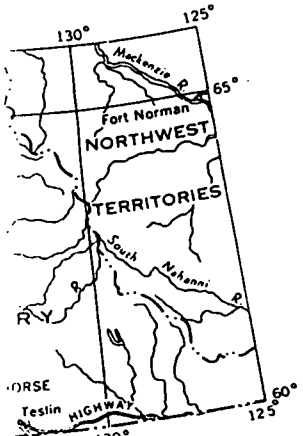
QUIK PIK FOODS



105L2



MAP 25-1960

GEOLOGY

GLENLYON

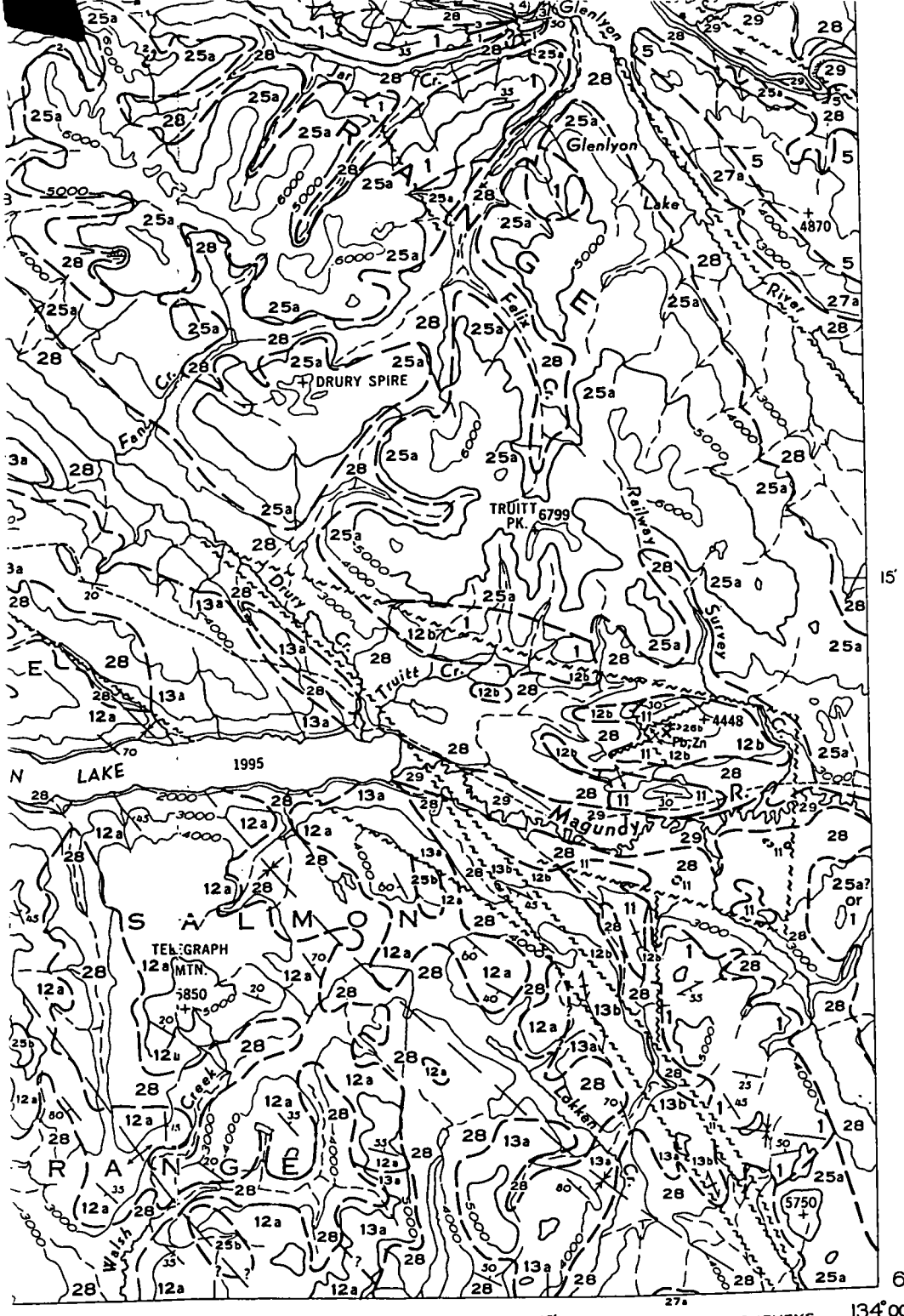
YUKON TERRITORY

Scale: One Inch to Four Miles = $\frac{1}{253,440}$

Miles

4 2 0 4 8 12

Approximate magnetic declination, 33° 04' East



PRINTED BY THE SURVEYS AND MAPPING BRANCH

105 L 1

Glenlyon

LEGEND

Trail

Cabin

Telephone line

Intermittent stream

Marsh

Sand or gravel

Contours (interval 1000 feet)

Height in feet above mean sea level

Air photographs cov... obtained through the ...

Copy

In Glenlyon area they appear to... limestone (22) but they have litholo... of unit 18 with which they might oth... Similar rocks, in an area to the so... the Lewes River group.

The basal section of the L... posed mainly of conglomerate and ... thick. The fragments, which reach... erate, are composed mainly of volc... granitic and sedimentary types. T... are a large but unknown thickness ... with minor conglomerate.

Two small outcrops of con... to be part of the Tantalus group. S... these outcrops, similar conglomer... definitely part of that group.

In a general way the grani... two types separated by the assume... Drury Lake valley. In the granitic... this fault, biotite is, with but mino... mineral, whereas to the southwest ... biotite are in general equally comm... biotite only or hornblende only ma... rocks northeast of the fault tend to ... more uniform in composition than ...

Fine-grained intrusions (... rocks only and cannot be closely d... to siliceous Tertiary intrusions fo... Yukon.

The basalt of unit 27a is n... apparent volcanic topographic form... to some extent folded. The trachy... the other hand, is related to a diss... flows are not known to be folded.

Glacial deposits vary grea... from place to place. Locally such ... wash and till, are 500 feet thick. ... River and Pelly River for some mi... Macmillan River there is up to 100... and silt that may be a lacustrine de...

Large through-going fault ... explanation for the discontinuous n... Glenlyon area. The faults are spe... bound blocks in which some feature... repeated in any of the adjoining blo... their existence seems to be good. ... the geology across Tintina Valley t... assume that the valley represents ... which there has been major horizo... faults within Glenlyon Range have a... displacement, taken in aggregate, ... this, it might be inferred that the ... ularly that in Tintina Valley ... magnitude.

The trend of fold... northeast of the assum... valley, whereas gen... area southwest of ... may occur in the ... other stratified ... plicated.

Glenlyon ... important ... very ... bodies ...

Glen Lyon
Copy 105L1 & 105L2

LEGEND

CENOZOIC

QUARTERNARY
RECENT

29 Stream deposits; sand, gravel, and silt

PLEISTOCENE AND RECENT

28 Glacial sand, gravel, silt, clay and till; volcanic ash, bog deposits, and soil

TERTIARY

27 27a, basaltic flows; minor shale and conglomerate; 27b, trachytic and basaltic flows; may be younger than 27a

26 26a, granite (quartz-feldspar) porphyry; 26b, rhyolite (quartz) porphyry

MESOZOIC

JURASSIC AND/OR CRETACEOUS AND (?) EARLIER

25 25a, biotite granodiorite and quartz monzonite; minor leuco-quartz monzonite and biotite-hornblende quartz diorite; 25b, biotite-hornblende granodiorite, quartz monzonite, and quartz diorite; 25c, augite-hornblende monzonite and syenite; minor diorite and mafic rocks; 25d, gneissose granitic rocks

UPPER JURASSIC (?) AND LOWER CRETACEOUS (?)
TANTALUS GROUP (?)

24 Chert pebble and cobble conglomerate, and sandstone

JURASSIC
LOWER JURASSIC AND LATER
LABERGE GROUP

23 Arkose and conglomerate; sandstone, siltstone, and argillite

TRIASSIC
UPPER TRIASSIC
LEWES RIVER GROUP

22 Grey limestone

21 Basaltic and andesitic volcanic rocks, conglomerate, and greywacke

MISSISSIPPIAN OR LATER

20 Conglomerate, shale, and sandstone

19 Andesitic and basaltic flows, breccia, and tuff; diorite; slate, phyllite, slaty limestone, chert, and carbonaceous shale

18 Andesitic and basaltic flows, breccia, and tuff; minor rhyolite breccia and argillite

17 Grey crystalline limestone and limestone breccia and conglomerate (in part interbedded with 18; may represent several limestone units)

16 Serpentinite

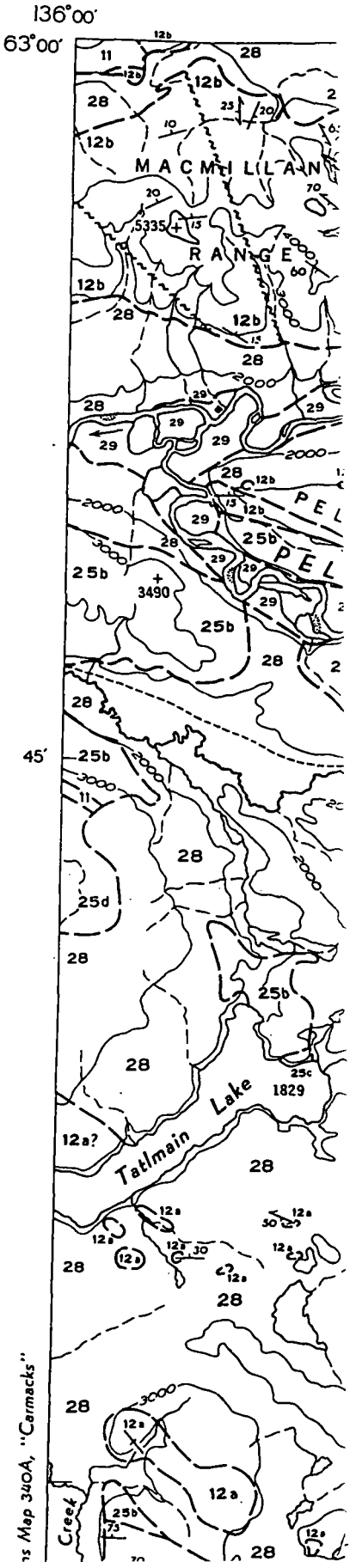
MISSISSIPPIAN AND (?) LATER

15 Thin-bedded chert, argillite, and quartzite; minor limestone

MISSISSIPPIAN
LOWER MISSISSIPPIAN

14 Dark grey and black crystalline limestone; minor argillite and chert

PRELIMINARY SE



PALAEOZOIC

MISSISSIPPIAN AND/OR EARLIER

13	13a, metamorphosed volcanic rocks; greenstone and greenschist (hornblende-albite-epidote-quartz rocks); quartz-chlorite schist, argillite, and limestone; 13b, 13a with many small bodies of serpentinite
12	12a, metamorphosed greywacke (quartz-hornblende-epidote-albite-biotite-chlorite schist), grey sericitic and chloritic quartzite, white sericitic quartzite, greenstone, limestone, and lime-silicate rocks (uncertain stratigraphic relationships to 12b and 13a); 12b, feldspathic, sericitic quartzite, limy quartzite, shale, argillite, varicoloured slate, greenstone, and limestone; 12c, 12b in a complex with altered and sheared granitic rocks
11	Grey crystalline limestone, locally crinoidal (interbedded with 12 and 13; probably represents several limestone units)
10	Chert pebble and cobble conglomerate, slate, sandstone, and greenstone
9	Grey and brown chert pebble and cobble conglomerate and breccia; minor quartzite, slate, and bedded chert
8	Dark, bedded chert, varicoloured slate, sandstone, quartzite, limestone, and conglomerate

SILURIAN (?) AND DEVONIAN (?)

| 7 | White and grey quartzite, dolomitic quartzite, slate and argillite |
| 6 | Grey and buff dolomite, siliceous dolomite, and grey slaty limestone (interbedded with 7; may represent two carbonate units) |

CAMBRIAN (?) AND/OR ORDOVICIAN (?)

MIDDLE AND UPPER CAMBRIAN (?) AND/OR ORDOVICIAN (?)

| 5 | Thin-bedded shale, argillite, and siliceous limestone; rhyolitic tuff and flows; greenstone and minor hornfels (may, in part, be equivalent to 4) |
| 4 | Slate, phyllite, spotted slate, and hornfels |

CAMBRIAN (?)

LOWER AND/OR MIDDLE CAMBRIAN (?)

| 3 | Thin-bedded, grey and buff, crystalline limestone, phyllitic limestone, lime-silicate gneiss, and skarn |

PROTEROZOIC AND/OR PALAEOZOIC

CAMBRIAN (?) AND/OR EARLIER (?)

LOWER CAMBRIAN (?) AND/OR EARLIER (?)

| 2 | Limestone, lime-silicate gneiss, amphibolite, and skarn; minor quartzose rocks (beds and lenses within 1 and inclusions within 25a) |
| 1 | Micaceous quartzite and quartz-mica schist; minor limy rocks |

| R | Metamorphic rocks |

Glen Lyon
Copy 105-L-1 & 105-L-2

Geological boundary (defined, approximate)..........

Bedding (inclined, vertical, tops not indicated)..........

Bedding (overturned)..........

Schistosity (inclined, vertical)..........

Fault (defined, approximate, assumed)..........

Anticline, approximate..........

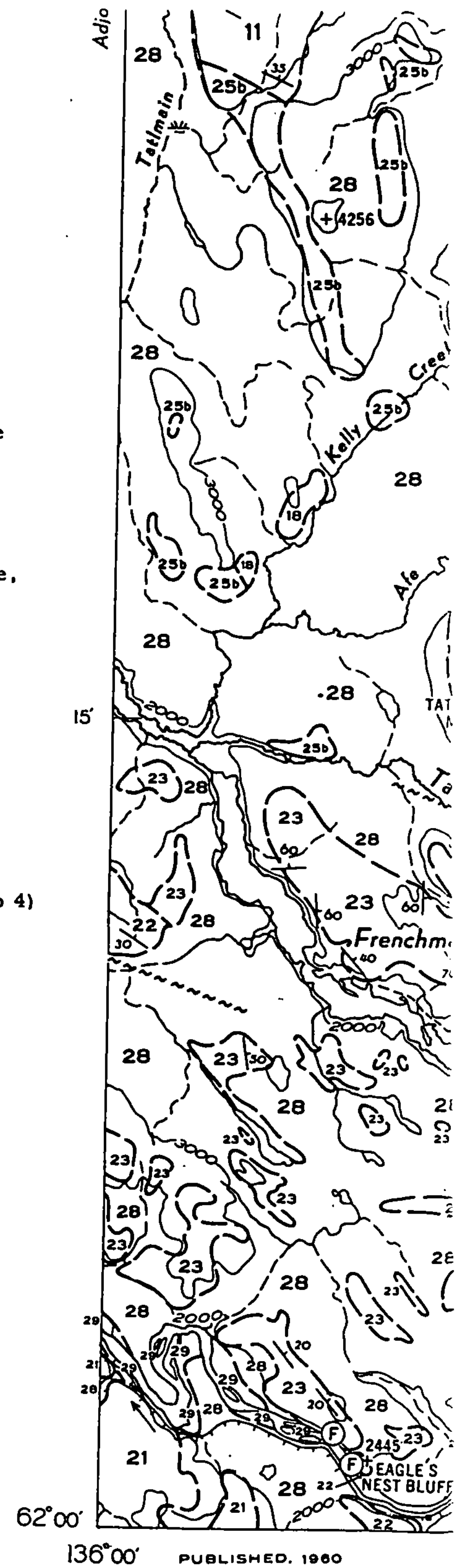
Syncline, approximate..........

Fossil locality.......... (F)

Mineral occurrence (lead Pb, zinc Zn).......... x Pb,Zn

Geology by R.B. Campbell, 1949 to 1954 and J.O. Wheeler, 1956.
Descriptive notes by R.B. Campbell

In response to public demand for earlier publication,



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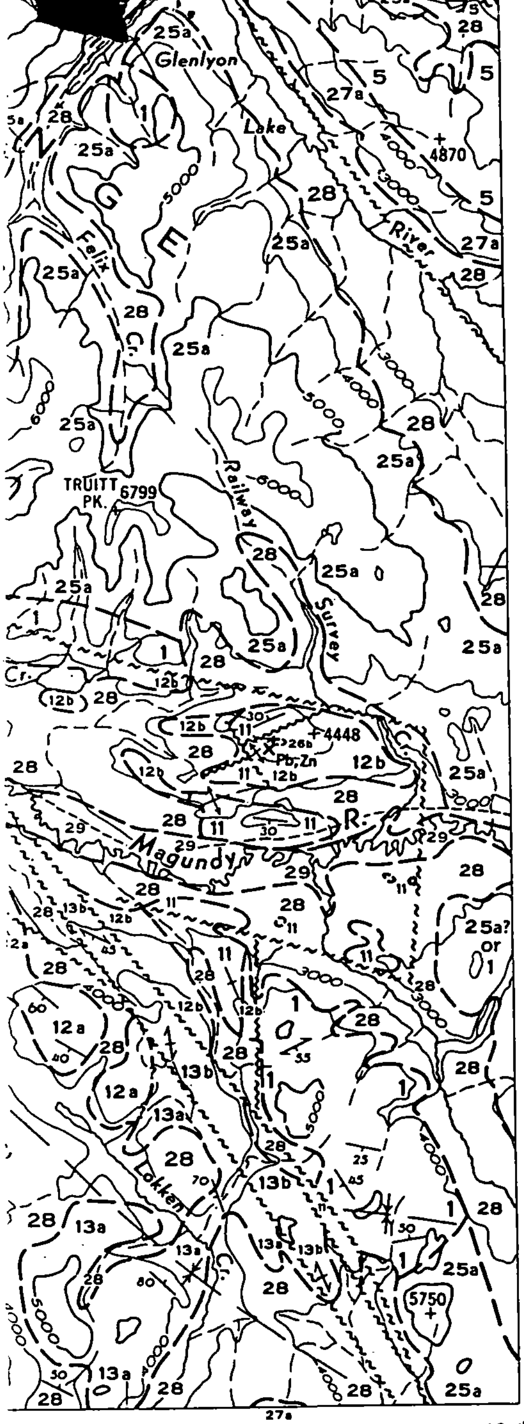
DIRECTOR, GEOLOGICAL SURV



15' 62°00'

15' PRINTED BY THE SURVEYS AND MAPPING BRANCH 134°00'

the Lewes River group.

The basal section of the Laberge group (23) is composed mainly of conglomerate and may be more than 4,000 feet thick. The fragments, which reach boulder size in the conglomerate, are composed mainly of volcanic rocks with subordinate granitic and sedimentary types. The upper beds of the group are a large but unknown thickness of grey and brown arkose with minor conglomerate.

Two small outcrops of conglomerate (24) are believed to be part of the Tantalus group. South of the map-area, near these outcrops, similar conglomerate is well exposed and is definitely part of that group.

In a general way the granitic rocks may be divided into two types separated by the assumed fault that passes through Drury Lake valley. In the granitic rocks (25a) northeast of this fault, biotite is, with but minor exceptions, the sole mafic mineral, whereas to the southwest (in unit 25b) hornblende and biotite are in general equally common, although here and there biotite only or hornblende only may be present. The granitic rocks northeast of the fault tend to be more equigranular and more uniform in composition than those to the southwest.

Fine-grained intrusions (26a and 26b) cut Palaeozoic rocks only and cannot be closely dated. But they are similar to siliceous Tertiary intrusions found in many parts of the Yukon.

The basalt of unit 27a is not associated with any apparent volcanic topographic forms and the flows have been, to some extent folded. The trachyte and basalt of unit 27b, on the other hand, is related to a dissected volcanic cone and the flows are not known to be folded.

Glacial deposits vary greatly in type and thickness from place to place. Locally such deposits, including both outwash and till, are 500 feet thick. In the valleys of Macmillan River and Pelly River for some miles above the mouth of Macmillan River there is up to 100 feet of buff and grey clay and silt that may be a lacustrine deposit.

Large through-going faults seem to provide the best explanation for the discontinuous nature of the geology in Glenlyon area. The faults are speculative, but in general they bound blocks in which some features of the geology are not repeated in any of the adjoining blocks and the evidence for their existence seems to be good. So profound is the break in the geology across Tintina Valley that it seems reasonable to assume that the valley represents the locus of a fault upon which there has been major horizontal displacement. The minor faults within Glenlyon Range have an apparent right lateral-displacement, taken in aggregate, of 10 miles or more. From this, it might be inferred that the bounding faults, and particularly that in Tintina Valley, have movements of even greater magnitude.

The trend of folds is N70°W to N80°W in the area northeast of the assumed fault that passes through Drury Lake valley, whereas generally it is more nearly northwest in the area southwest of the fault. Complex, folded recumbent folds may occur in the strata of units 11, 12, and 13, but in all the other stratified rocks the folding appears to be much less complicated.

Other than the lead-zinc deposit at the south end of Glenlyon Range, upon which some work has been done, no important sulphide deposits were observed in the area. Sparse, very short asbestos fibre was seen in some of the serpentinite bodies included in unit 13b. The intensity of glaciation seems to preclude the possibility of the discovery of important placers.

LEGEND

....

....

....

am ....

....

....

l 1000 feet) 5000

ve mean sea-level........... 1995

hs covering this area may be
gh the National Air Photographic
ographical Survey, Ottawa

Copy
105L1 & 105L2

MAP 25-1960
GLENLYON
YUKON TERRITORY
SHEET 105L

LEGEND

115-I-3

LITHOLOGIES

QUATERNARY (and older)

Qs — unconsolidated surficial debris

CRETACEOUS to LOWER TERTIARY

Kcb — CARMACKS GROUP: basalt

CRETACEOUS

RELATIVE AGES UNCERTAIN

KMNa — MOUNT NANSEN GROUP: andesite

KMNr — MOUNT NANSEN GROUP: rhyolite, dacite

Kgd — granodiorite, monzonite, syenite

JURASSIC

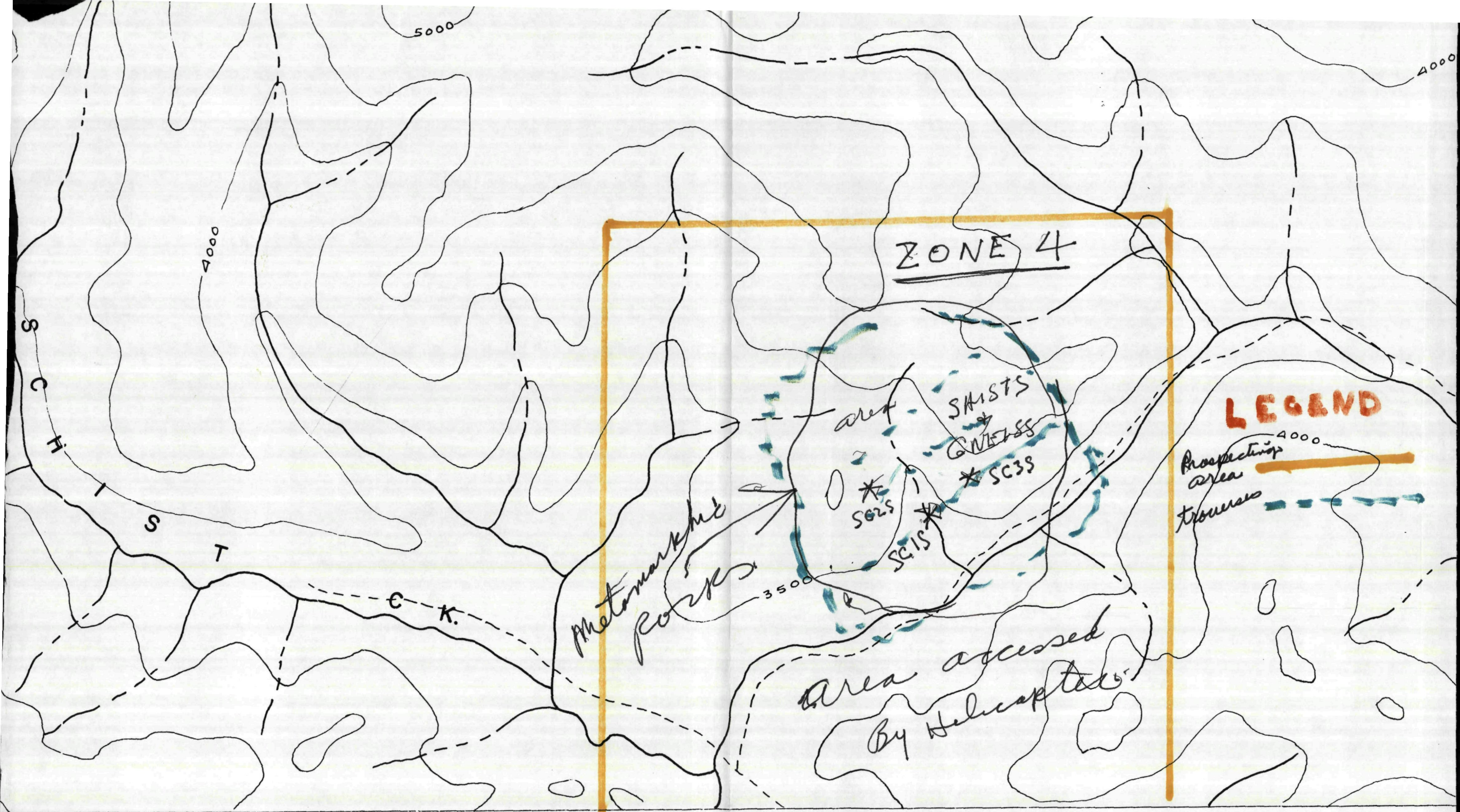
Jgd — granodiorite, monzonite, syenite

PALEOZOIC (?)

Pm — *PELLY GNEISS COMPLEX (?)*
gneiss, schist, quartzite, amphibolite

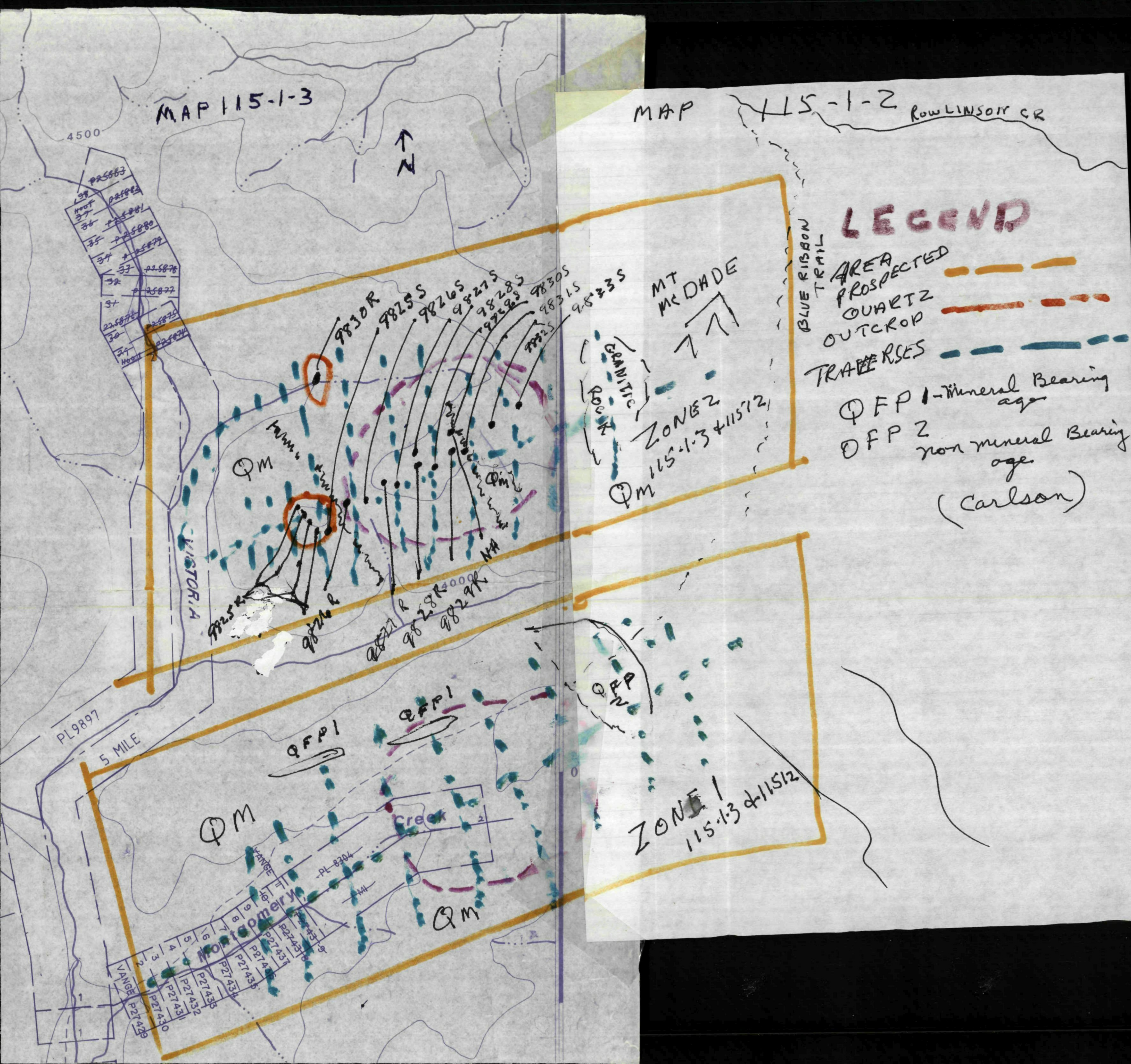
Abbreviations

gn	gneiss	bi	biotite
sh	schist	mu	muscovite
qt	quartzite	hbl	hornblende
Q	quartz	ppy	porphyry
f	feldspar	P	post



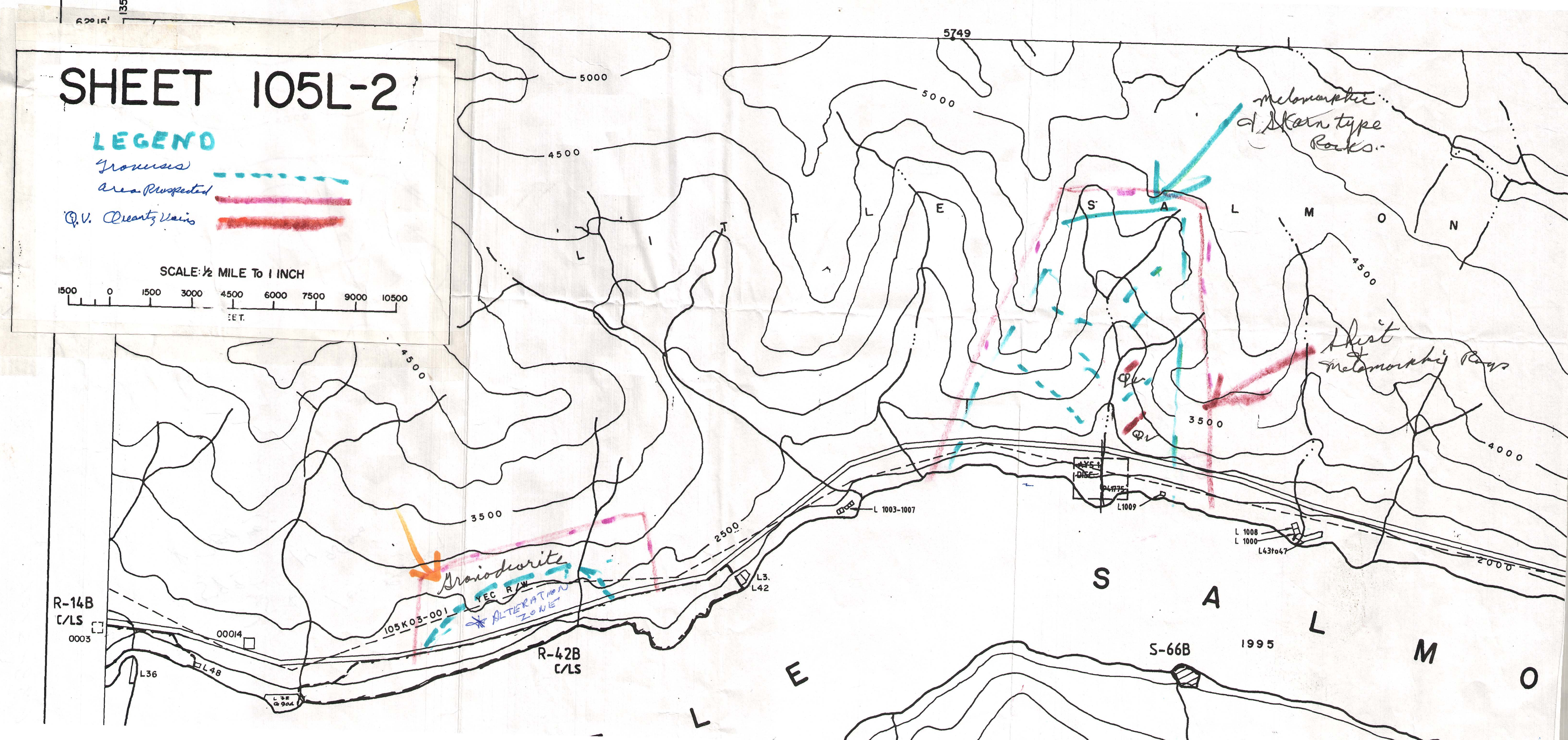
5000
4000
4000
SCHIST CK.
ZONE 4
LEGEND
Prospecting area
traverses
Metamorphic rocks
area
SHISTS + GNEISS
SC1S
SC2S
SC3S
3500
4000
Area accessed By Helicopter

115I-4



MAP 115-1-3
MAP 115-1-2
ROWLINSON CR
N
4500
LEGEND
AREA PROSPECTED
QUARTZ OUTCROP
TRAVERSES
QFP 1 - Mineral Bearing age
QFP 2 non mineral Bearing age
(Carlson)
BLUE RIBBON TRAIL
MT McDADE
GRANITIC ROCK
ZONE 2 115-1-3 & 115-1-2
ZONE 1 115-1-3 & 115-1-2
QM
QFP 1
QFP 2
VICTORIA
PL9897
5 MILE
Creek
Montgomery
PL 8304
VANGE
9830R
9825S
9826S
9827S
9828S
9831S
9833S
9830S
9825R
9826R
9828R
9829R


3500
4175±
Lonely
LS1R
LS2S
LS1S
LS2R
PM
Porphy
KM NR
BULLFROG
LIMY STAINED WHITE SHISTS
ZONE 3
N
Creek
ROAD
PL9768
5 MILE
3500
L198
Ridge samples.
Shist mixed with ultramafic ?
?
Shists + Gneiss
PM
KMNR
4501±
Porphy
3500
3500
LEGEND
Prospect location area
Traverses
115-1-3
Lonely Ck.
62° 00'
137° 30'
25'
20'


SHEET 105L-2
LEGEND
Traverses
area Prospected
Q.V. Quartz Veins
SCALE: ½ MILE To 1 INCH
1500 0 1500 3000 4500 6000 7500 9000 10500
FEET
5749
5000
4500
4000
3500
2500
2000
L I T T L E S A L M O N
S A L M O N
metamorphic & Skarn type Rocks
Schist metamorphic Rocks
QV
Granodiorite
YEC R/W
ALTERATION ZONE
105K03-001
R-14B C/LS
0003
00014
L36
L48
R-42B C/LS
L3.
L42
L 1003-1007
L1009
L 1008
L 1000
L43to47
S-66B
1995


LEGEND
I.G. Indian Grave Site
Magnetic North
105-L-1
Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.
105L7
105L8
105K5
105L2
105L1
105K4
105E15
105E16
105F13
Volcanics
Skarn & associated Rocks.
Traverses on Foot & ATV
metasediments Shist, Gneiss etc
Granitic Rocks and some mixed metamorphic Rocks
NOTE: Area is totally Glaciated. Rock types are from exposed areas only. Much of the area is covered By glacial deposit and Heavy Bush Brush except for ridges and Mountain top
62°15'
134°00'
R-56B
C/LS
RIVER
LOT 1006
LOT 1005
TAGO
SUN
ACE
BEN
JACK
KING
LEGEND
BOULDER CK
Gneiss and shale
Moss and
Granitic
62°00'