

D L Gouders

Prospecting Notes
commencing Aug 11 - Oct 23/88

Area 105-28

objective locate gold bearing deposits

21 samples
32 element test
performed by Bondar-Clegg

- Charter 170 to Martin Crk
- spend the day packing gear to Enyele Creek (base camp) with ATV.

Aug 12/

- Set up camp this will be my base for season.
- Hooked up SBX-11 radio and made contact with Whitehorse also a radio at Martin so we keep in touch 5 miles away.

Aug 13

The next few days will consist of taking soil samples along Salmon River

Location below camp downstream

Aug 14 panning gravels along 3 Big Salmon

Loc approx $\frac{1}{2}$ mile down stream
 results below camp found very coarse
 - black sands. some pans contained
 $\frac{1}{2}$ teaspoon.
 - A few pans yielded 5-6 colours
 gold per pan (also red & yellow garnets)

Aug 15 proceeded further down Salmon
 river.

loc approx 1 mile down stream from
 camp
 results Black sands in soil samples
 are minimal no visible colours

Aug 16

loc crossed Salmon River explore
 outcrop below camp
 results mica schist (chlorite) some
 visible quartz but nothing
~~to~~ in vein form (spotty)

Aug 17 Transversed further up stream
along Salmon River (1/2 mile)

Test results panning Valley gravels some
colours gold much better
results below camp. River valley
heavily glaciated with large
granite boulders as large as
10 cu yds in size.

Aug 18 Rained out
spent day in camp panning samples

Aug 20 2nd Day Rain but Transversing
Northwest of camp

Target located possible quartz vein
to detect gold (no visible signs)

Aug 21 Traveled from A-B highlands

Observed: Much over burden lower ground
some exposed chlorite schist

over-

results

Deep sink holes lower ground
possible melting of glacial ice
Most bedrock dark green
less metamorphic.

Aug 22 Transversed to location C
on map.

Observed: intercept fault, zone B & C
possible sulphide deposit on
North wall, deep red yellow
stain. Could not sample
area of stain but took chip
sample below.

Sample #1 chip
#2 chip

this area is a more definite
shist intrusion

Transversed to location (D)

- less shist, host rock more massive black, - dark green rock. no noticeable quartz outcrops though some broken quartz boulders lay, than very well came from higher up

Samples quartz float # 3
chip # 4

Aug 24-25 getting rained out spent this time drying samples analyzing rock carried back to camp

Aug 26 Traveled to location (D) (E) will set up temporary camp for a few days losing too much traveling time back to base

Aug 27-28

Scouted between (D) (E)

Observed

Most host rock Dark green
 fine grained amphibolite
 chip sampled some quartz outcrop
 with red stain but not rotted
 such as a carbonate vein

Vest

Sample #5 chip

Aug 29

More less some country rock
 towards location (F)

located interesting stained
 quartz outcrop

Sample #6 chip

Aug 30-31 Move back to base camp
 analyze samples taken

- Will prospect up Salmon Valley across river from camp

Sept 2

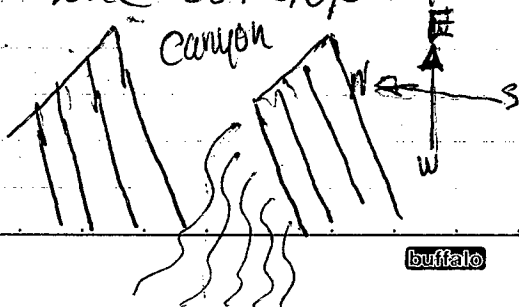
Location approx 1 mile ~~west~~ west of camp up stream on river

Observed much bedrock exposed along river an actual shear zone overburden granite boulders

Sept 3-5

Temporary camp at canyon location. (AA) section on limestone out crop in canyon

shear zone



Sept 6 Possibly close to Volcanic dike
finding conglomerated

Loc AA. coarse grained matrix
also finding Olivine Basalts
Dark Black and weathered
red.

Sept 7-8 This side of river
hasn't as much exposed
metamorphic mineralization
as previous areas prospected
heading back to area (F)

Sept 9 Move camp

Sept 10-11. Prospecting May Creek upper
Transverse (F) - (G)

Upper Valleys deposited with
large glacial granite boulders
Black in colour, host rock
metamorphic chlorite schist.

Sept 12-13

traverse location (G)-(H)

- method - panning upper water streams
- results - coarse black sands some visible colours.
- chip sample # 7

Sept ¹⁴ 15

prospect area (H)-(I)

- method - panning side streams
- results - shifty gravels coarse black sands also garnets some visible colours.
- chip sample # 8.

Sept 16 Rained out drying samples

Sept 17 Weather bad again going to work closer to camp

Sept 18.

location (I) (J)

very steep finding garbage

this far up where possibly
someone else has prospected

results

finding larger spots of
quartz outcrops with sulphide
leached out

chip sample #9

Sept 19-20

trails -

(J) (K)

above headwaters of Engle
Creeklarge quartz boulders
~~which~~ which have not been
glacial deposit

observe

some stain in quartz
but not mineralized
will sample contact between
quartz & schist

float sample #10

Sept 21

- Chartered chopper (Capital) to fly supplies groceries to base camp
- Transverse to Headwaters of May Creek to get dropped

Location (M)

Sept 22 descending down, no name creek east upstream of May Creek

Target - Check possible placer potential of creek will set up camp

Sept 23²⁵ prospected head waters

method panning

Results heavily glaciated deposit, small traces black sand.

Sept 26/27

Traverse between (N) - (O)

Results find creek has small detection of gold not much visible as compared to May Creek and Angle

Note. Creek is heavily glagated with little flow of water it would be verivally impossible to mine the creek (at a placer scale)

Sept 28 Move gear back to base
29 Sort and analyze samples

Sept 30

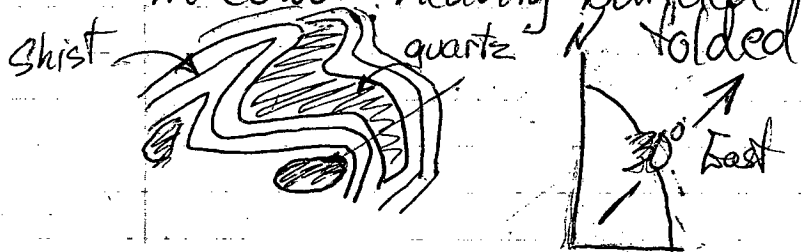
Location (K) - (L)

method chip sampling fault area have located wide band of quartz

Location (L)-(K)

Method concentrating on quartz outcrop. chip sampling.

Result Metamorphic Chlorite schist. medium grained. green in colour. heavily banded



Chip samples # 11, 12, 13

Oct 7 return to location (L)-(K) more samples

Oct 8 Weathered out today sort out samples

Oct 9

draw. return to f₂k at higher level might intercept a more mineralized outcrop.

Results could not find quartz vein higher up but did take sample sample #14

Oct 9-11

Sampling quartz outcrop along mountain side. 2 main ones noticed this far

loc. result

between #14, 12, 13 sampling points chip sampling quartz is partly leached sulphides quartz possible mineralization (bedrock dark green schist (Charite)).

Oct 12 prospecting lower valley.

✗ No luck intercepting outcrops

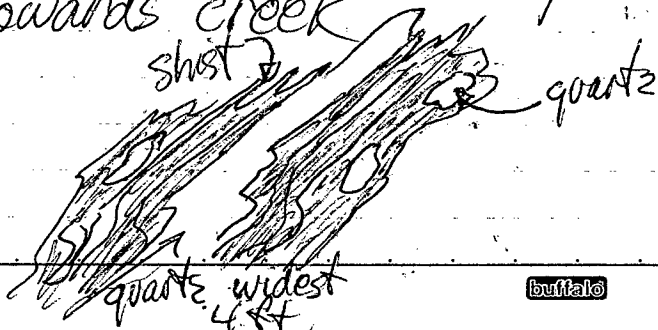
Transverse lower Salmon Valley down stream from location (D) across to (A) working back more Northernly

Results Much overburden no bedrock exposed

Oct 16. continuing working across Northernly. starting to intercept more bedrock

Oct 17. have located lower quartz outcrop near location (L) band is approx

4 ft wide outcrop
 observe observation. Bedrock very shaly outcrop inclining towards creek



Oct 18-19

Return location above (2)
 Observe followed quartz outcrop
 to highest point took chip
 samples #15, 16, 17

Oct 20

Return to outcrop
 chip sampled quartz to
 lower valley floor
 quartz (red stain, bright yellow)
 samples #18, 19

Oct 21
object

Return to outcrop for
 final time
 Bulk chip sample quartz
 outcrop on complete area
 where samples #15-19
 were taken
 sample #21

Oct 22

prospected from direction
 of quartz vein to
 Engle creek one more
 outcrop similar very
 near creek valley walls
 sample #20

Oct 23 Return to Whitehorse
today, spent day
cleaning camp
packing gear to
Martin Creek airstrip

Notes On completion of prospecting
have observed many locations
with quartz bands, but
no visual mineralization
I believe the best chance
for any gold numbers
might be the quartz band
located near Engle creek
I panned many good
showings of gold and
believe a vein to exist
on both Engle & May creek
areas. I will return next
year to follow up on any
area where high results
exist.

highest detection sample #

date

lowest detection 5<

page

sample	Gold ppb	sample	Silver ppm
7	(13)	4	0.6
8	23	5	1.4
1	17	6	0.5
2	23		
9	96		
12	9		
21	9		

sample	Barium ppm	sample	Chromium ppm
7	164	#6	281
2	2000	#12	189
5	249	#11	153
6	138	#20	163
9	128		

Sample^{ppm} Copper
5 243

Sample Gallium
#2 117

Nickle
6 307

Tin
6 49

date

ppm

page

ppm

Sample Strontium

Sample Vanadium

2 762
14 119
16 140

2 55
4 51
5 180
6 53

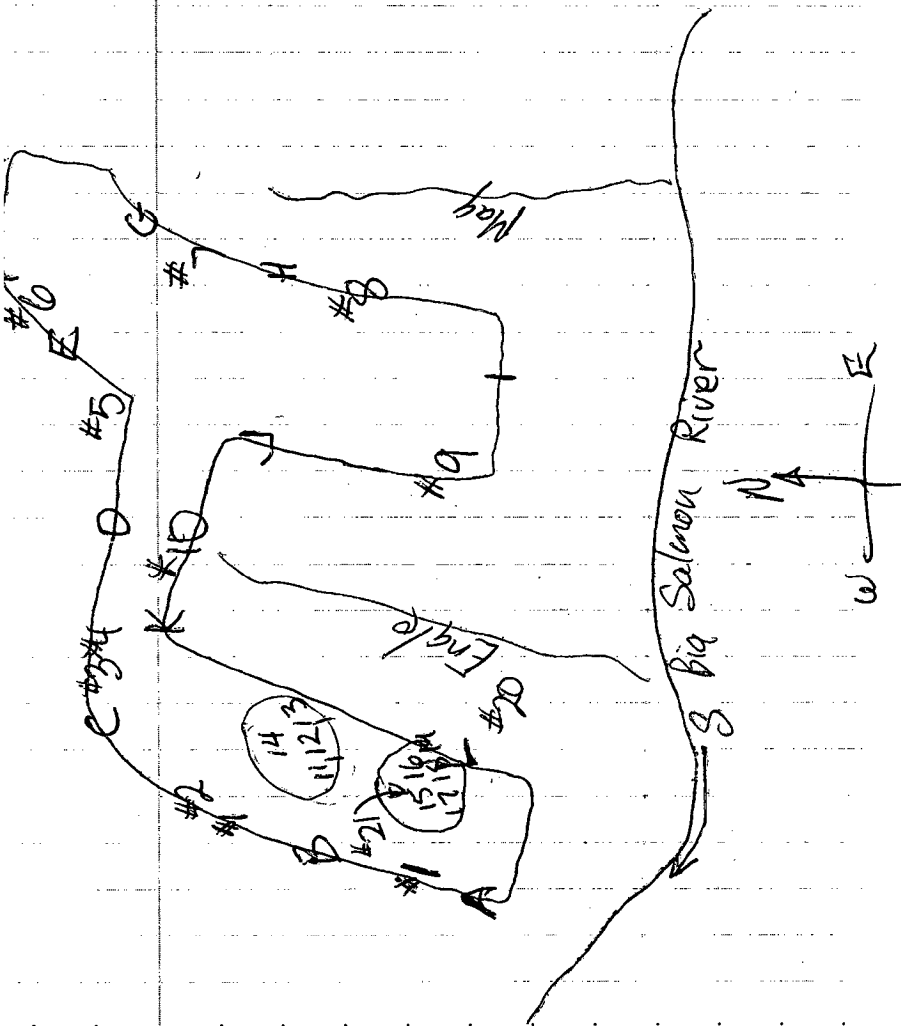
Zinc

2 96
3 95
10 67
12 67
15 53
outcrop 22

date

Sample location

page



Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
 (604) 985-0681 Telex 04-352667



Geochemical
 Lab Report

REPORT: V88-07983.0 (PARTIAL)

REFERENCE INFO:

CLIENT: MR. DOUG GONDER
 PROJECT: NONE GIVEN

May, Eagle Creek

SUBMITTED BY: D. GONDER
 DATE PRINTED: 15-NOV-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold - Fire Assay	21	5 PPR	FIRE-ASSAY	Fire Assay AA

RESULTS TO FOLLOW FOR: Ag As B Ba Be Bi Cd Ce Co Cr Cu Ga Ia Li Mo Nb Ni Pb Rb
 Sb Sc Sn Sr Ta Te Tl V W Y Zn Zr

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	2	1 -80	2	DRY, SIEVE -80	21
R ROCK OR BFD ROCK	19	2 -150	19	CRUSH, PULVERIZE -150	21

REPORT COPIES TO: MR. DOUG GONDER

INVOICE TO: MR. DOUG GONDER

Doug Gonder

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PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	B PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM
30il {	S1 7	13	<0.5	<50	<2	164	<4.0	<5	1	14	9	34
	S1 8	<u>23</u>	<0.5	<50	<2	93	<4.0	<5	1	18	9	44
	R2 1	<u>17</u>	<0.5	<50	<2	120	<4.0	<5	1	<5	3	144
	R2 2	<u>23</u>	<0.5	<50	<2	>20000	<4.0	<5	2	215	12	62
	R2 3	5	<0.5	<50	<2	60	<4.0	<5	1	<5	4	104
	R2 4	<5	0.6	<50	<2	52	<4.0	<5	1	6	11	81
	R2 5	5	1.4	<50	<2	249	<4.0	<5	1	19	31	81
May	R2 6	<5	0.5	<50	<2	138	<4.0	<5	<1	9	27	281
Engle	R2 9	<u>96</u>	<0.5	<50	<2	128	<4.0	<5	1	33	13	132
	R2 10	<5	<0.5	<50	<2	99	<4.0	<5	1	38	17	85
	R2 11	<5	<0.5	<50	<2	53	<4.0	<5	<1	23	8	153
	R2 12	9	<0.5	<50	<2	52	<4.0	<5	<1	19	14	189
	R2 13	<5	<0.5	<50	<2	50	<4.0	<5	1	19	7	96
	R2 14	<5	<0.5	<50	<2	51	<4.0	<5	<1	41	4	114
	R2 15	<5	<0.5	<50	<2	38	<4.0	<5	3	26	5	131
	R2 16	<5	<0.5	<50	<2	36	<4.0	<5	1	26	<2	107
	R2 17	<5	<0.5	<50	<2	54	<4.0	<5	<1	37	4	115
	R2 18	<5	<0.5	<50	<2	27	<4.0	<5	<1	25	3	92
	R2 19	<5	<0.5	<50	<2	66	<4.0	<5	<1	47	3	148
	R2 20	<5	<0.5	<50	<2	42	<4.0	<5	<1	32	5	163
#21	R2 OUTCROP	<u>9</u>	<0.5	<50	<2	25	<4.0	<5	<1	19	5	107

Doug Bondar



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PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Ga PPM	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM
soil {	S1 7	22	6	8	11	<5	2	27	12	<50	<5	2.0
	S1 8	31	5	8	14	<5	2	45	13	<50	<5	2.0
	R2 1	51	3	1	4	<5	<1	13	20	<50	<5	3.0
	R2 2	15	<u>117</u>	<1	10	<5	<1	20	32	<50	<5	22.0
	R2 3	21	5	1	3	<5	2	9	<10	<50	<5	1.0
R2 4	99	9	3	9	<5	3	22	<10	<50	<5	5.0	
R2 5	<u>243</u>	15	9	23	<5	4	28	15	<50	<5	15.0	
R2 6	<u>66</u>	3	4	13	<5	4	<u>307</u>	<10	<50	<5	5.0	
R2 9	24	4	13	19	<5	2	24	14	<50	<5	1.0	
R2 10	57	5	16	24	<5	2	27	<10	<50	<5	<1.0	
R2 11	10	3	10	10	<5	1	19	<10	<50	<5	<1.0	
R2 12	36	4	7	21	<5	1	24	<10	<50	<5	<1.0	
R2 13	32	3	9	9	<5	1	14	<10	<50	<5	<1.0	
R2 14	14	6	17	9	<5	1	14	22	<50	<5	1.0	
R2 15	17	3	10	6	<5	1	14	33	<50	<5	<1.0	
R2 16	11	4	11	5	<5	1	7	13	<50	<5	<1.0	
R2 17	17	3	13	6	<5	1	13	34	<50	<5	<1.0	
R2 18	13	2	10	4	<5	<1	8	16	<50	<5	<1.0	
R2 19	15	3	22	2	<5	1	12	25	<50	<5	1.0	
R2 20	17	5	14	11	<5	2	16	16	<50	<5	1.0	
#21 R2 OUTCROP	17	2	8	4	<5	<1	11	23	<50	<5	<1.0	

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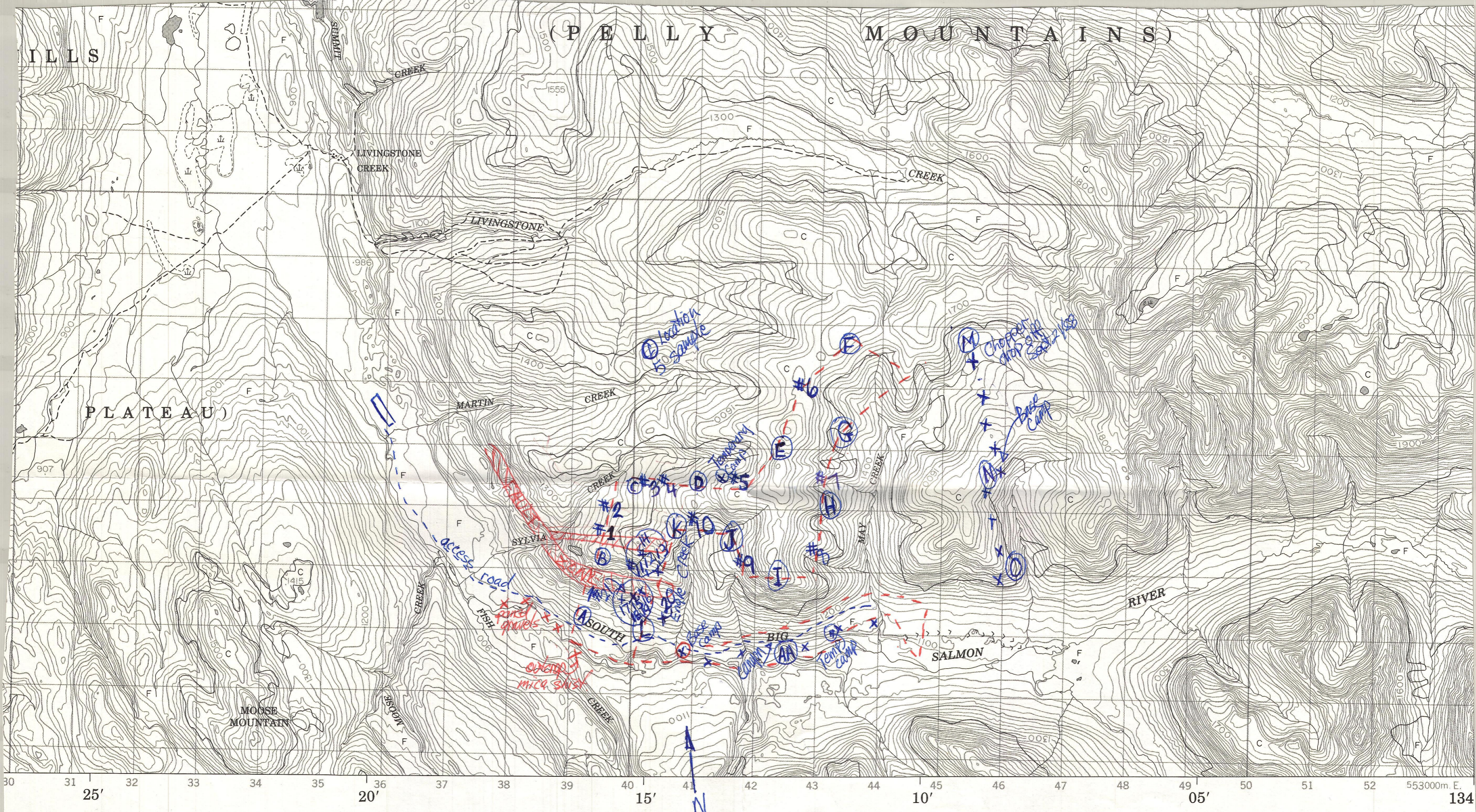
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PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Sr PPM	Ta PPM	Te PPM	Tl PPM	V PPM	W PPM	Y PPM	Zn PPM	Zr PPM
soil {	S1 7	<30	34	<10	<20	<20	24	<10	6	49	<1
	S1 8	<30	20	<10	<20	<20	28	<10	5	41	2
	R2 1	<30	41	<10	<20	<20	18	<10	2	42	<1
	R2 2	<30	<u>762</u>	<10	<20	<20	55	<10	17	<u>96</u>	<1
	R2 3	<30	15	<10	<20	<20	7	<10	1	25	<1
R2 4	<30	13	<10	<20	<20	51	<10	3	41	<1	
May Crk	R2 5	<30	13	<10	<20	<20	<u>180</u>	<10	5	<u>95</u>	2
	R2 6	<u>49</u>	9	<10	<20	<20	<u>53</u>	<10	4	52	1
Engle Crk	R2 9	<30	17	<10	<20	<20	9	<10	3	57	<1
	R2 10	<30	23	<10	<20	<20	5	<10	4	67	<1
R2 11	<30	11	<10	<20	<20	4	<10	2	37	<1	
R2 12	<30	15	<10	<20	<20	5	<10	2	67	<1	
R2 13	<30	9	<10	<20	<20	3	<10	3	36	<1	
R2 14	<30	119	<10	<20	<20	7	<10	7	27	7	
R2 15	<30	16	<10	<20	<20	4	<10	4	53	4	
R2 16	<30	140	<10	<20	<20	2	<10	4	17	2	
R2 17	<30	11	<10	<20	<20	5	<10	4	23	<u>11</u>	
R2 18	<30	9	<10	<20	<20	3	<10	2	21	4	
R2 19	<30	17	<10	<20	<20	3	<10	7	17	7	
R2 20	<30	23	<10	<20	<20	7	<10	6	30	5	
#21 R2 OUTCROP	<30	6	<10	<20	<20	3	<10	3	22	1	

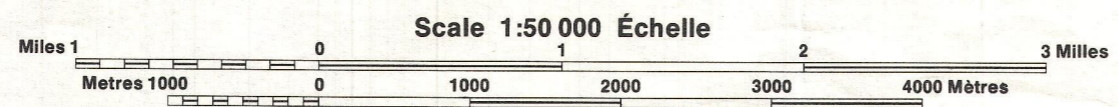


ELEVATIONS IN METRES ABOVE MEAN SEA LEVEL
 CONTOUR INTERVAL 20 METRES

NORTH AMERICAN DATUM 1927
 TRANSVERSE MERCATOR PROJECTION

INFORMATION CONCERNING BENCH MARKS AND HORIZONTAL SURVEY MONUMENTS CAN BE OBTAINED FROM GEODETIC SURVEY, SURVEYS AND MAPPING BRANCH, OTTAWA.

LIVINGSTONE CREEK
 YUKON TERRITORY TERRITOIRE DU YUKON



ALTITUDES EN MÈTRES
 ÉQUIDISTANCE DES COURBES 20 MÈTRES

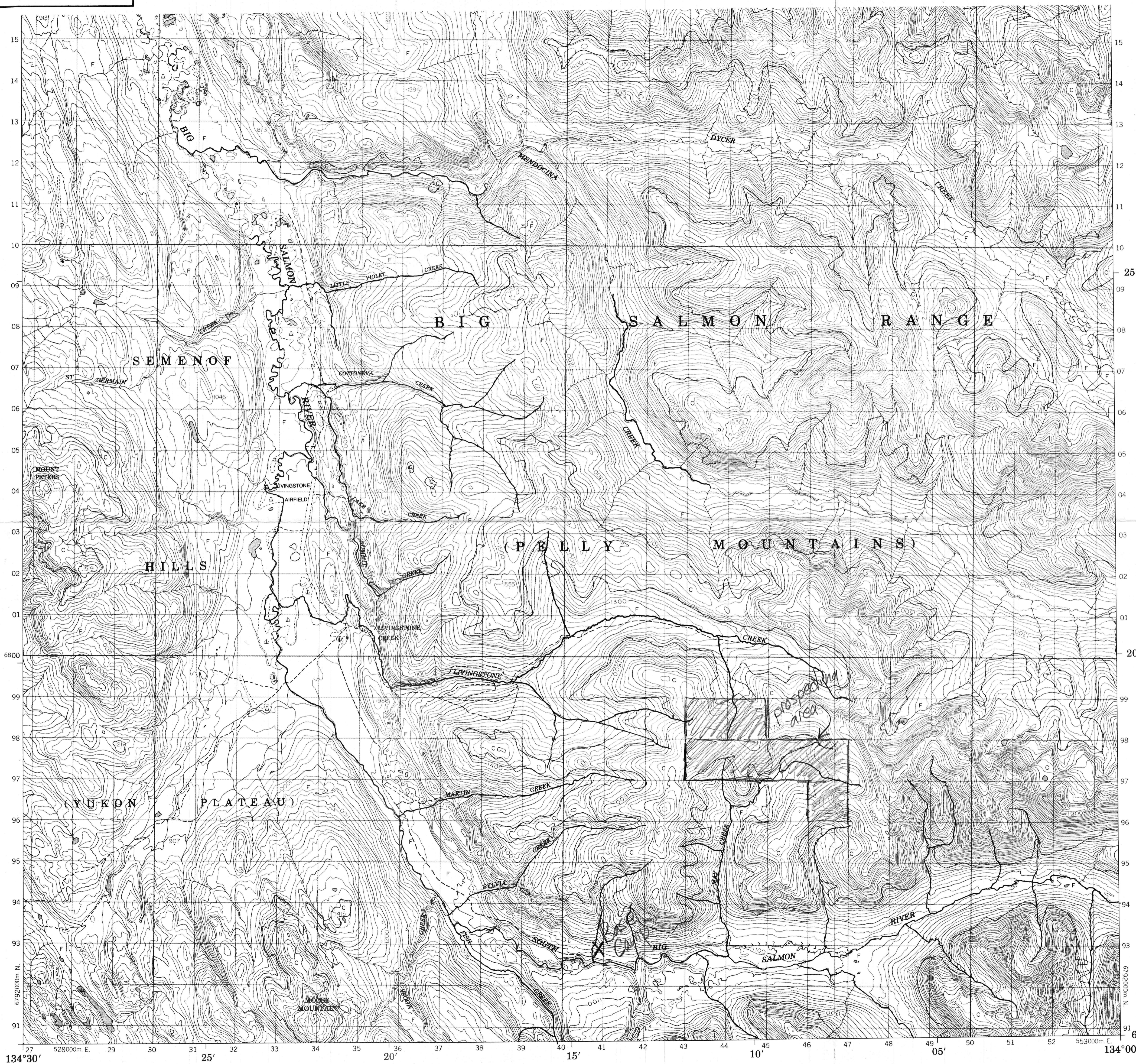
SYSTÈME DE RÉFÉRENCE GÉODÉSIQUE NORD-AMÉRICAIN 1927
 PROJECTION TRANSVERSE DE MERCATOR

POUR TOUT RENSEIGNEMENT CONCERNANT LES REPÈRES ET BORNES ALTIMÉTRIQUES, S'ADRESSER AUX LEVÉS GÉODÉSQUES, DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, OTTAWA.

ÉTABLIE PAR LA DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, OTTAWA. PUBLIÉE EN 1984.

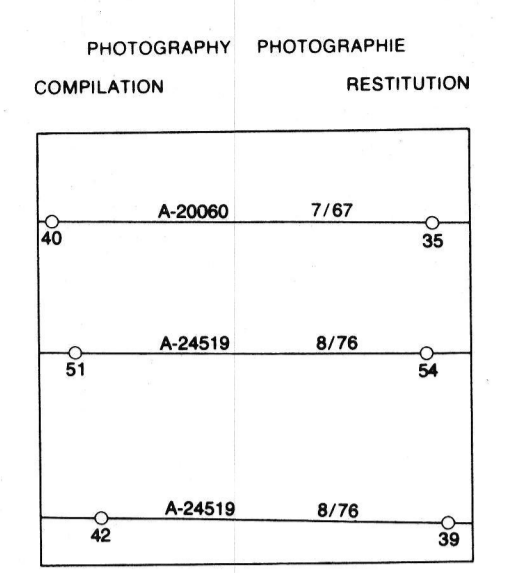
CES CARTES SONT EN VENTE AU BUREAU DES CARTES DU CANADA, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, OTTAWA, OU CHEZ LE VENDEUR LE PLUS PRÈS.

© 1984 SA MAJESTÉ LA REINE DU CHEF DU CANADA, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES.



LEGEND -

- ROAD, HARD SURFACE, ALL WEATHER
- ROAD, LOOSE SURFACE
- CART TRACK, WINTER ROAD
- TRAIL, CUT LINE, PORTAGE
- BUILT-UP AREA
- RAILWAY, SIDING, STATION, STOP
- BRIDGE
- SEAPLANE BASE, SEAPLANE ANCHORAGE
- HOUSE, BARN
- CHURCH, SCHOOL, POST OFFICE
- TOWER, FIRE, COMMUNICATION
- WELL, OIL, GAS, TANK, WATER
- POWER TRANSMISSION LINE
- MINE, GRAVEL PIT
- CUTTING, EMBANKMENT
- INTERNATIONAL, PROVINCIAL BOUNDARY WITH MONUMENT
- PROVINCIAL BOUNDARY, UNSURVEYED
- COUNTY, DISTRICT BOUNDARY
- TOWNSHIP, PARISH BOUNDARY
- MUNICIPALITY BOUNDARY
- RESERVE, SANCTUARY, PARK, ETC. BOUNDARY
- OUTLINED LANDMARK AREA BOUNDARY APPROXIMATE, ETC.
- D.L.S. TOWNSHIP CORNER, SURVEYED, UNSURVEYED
- D.L.S. SECTION CORNERS
- HORIZONTAL CONTROL POINT
- BENCH MARK WITH ELEVATION
- SPOT ELEVATION, PRECISE
- STREAM OR SHORELINE, INDEFINITE
- LAKE, INTERMITTENT LAKES
- FLOODED LAND
- MARSH, SWAMP (WOODED); STRING BOG
- DRY RIVER BED WITH CHANNELS
- RAPIDS, FALLS, RAPIDS
- FORESHORE FLATS, SAND IN WATER, ROCKS
- TUNDRA, LAKES IN TUNDRA; POLYCONS
- PALSA BOG
- DAM, WHARF
- ICEFIELD (GLACIER); MORaine
- PINGO
- DITCH
- CONTOURS
- APPROXIMATE CONTOURS
- DEPRESSION CONTOUR
- CLIFF
- SPOT ELEVATION, APPROXIMATE; LAND, WATER
- ESKER
- SAND, SAND DUNES, RAISED BEACHES
- HISTORIC SITE
- WOODED AREA, FOREST, CLEARED AREA



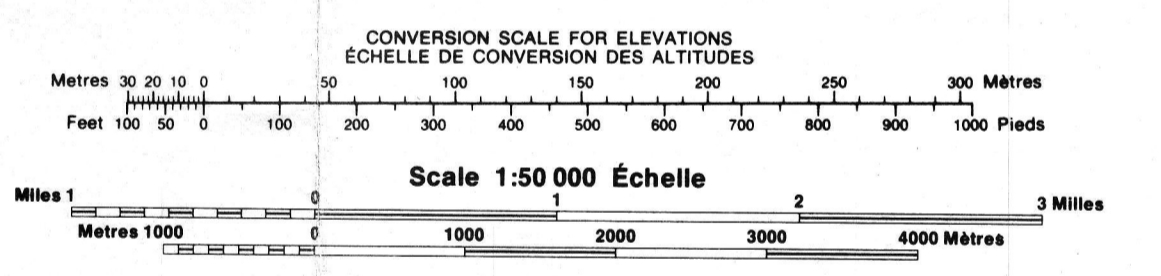
The 1984 MAGNETIC BEARING is 29°51' (531 mils) EAST OF GRID NORTH.
 ANNUAL CHANGE DECREASING 8.6'
 GRID NORTH is 0°39' (12 mils) EAST OF TRUE NORTH for centre of map.

ELEVATIONS IN METRES ABOVE MEAN SEA LEVEL
 CONTOUR INTERVAL 20 METRES

NORTH AMERICAN DATUM 1927
 TRANSVERSE MERCATOR PROJECTION

INFORMATION CONCERNING BENCH MARKS AND HORIZONTAL SURVEY MONUMENTS CAN BE OBTAINED FROM GEODETIC SURVEY, SURVEYS AND MAPPING BRANCH, OTTAWA.

105 E/10	105 E/9	105 F/12
105 E/7	105 E/8	105 F/5
105 E/2	105 E/1	105 F/4



61°15' 134°00' 134°30' 25' 20' 15' 10' 05'

D

AREA MAP,

ORIG. Gov. OF CANADA DR. CH.

APP.

DIMENSIONS IN UNLESS INDICATED OTHERWISE

