

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
MINISTRY OF ENERGY AND MINES
GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR: 1996/1997

REPORT #: PAP 96-24

NAME: JAMES MCDONALD

**BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)**

B. TECHNICAL REPORT

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations, section 15, 16 and 17.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name James G McDonald Reference Number P53

LOCATION/COMMODITIES

Project Area (as listed in Part A) Big Ledge Cr. MINFILE No. if applicable _____
Location of Project Area NTS 82 km 18E Lat 50° 30' Long 118° 00'
Description of Location and Access by truck up Big Ledge Cr

Main Commodities Searched For garnet (gem)

Known Mineral Occurrences in Project Area Pb / Zn / garnet / corundum
Th / U / beryl / Mosquito Cr.

WORK PERFORMED

1. Conventional Prospecting (area) Saddleback Mtn to Big Ledge
2. Geological Mapping (hectares/scale) _____
3. Geochemical (type and no. of samples) panned conc / silt
4. Geophysical (type and line km) _____
5. Physical Work (type and amount) backhoe & panning
6. Drilling (no., holes, size, depth in m, total m) 10 back hoe
7. Other (specify) 30 hand auger

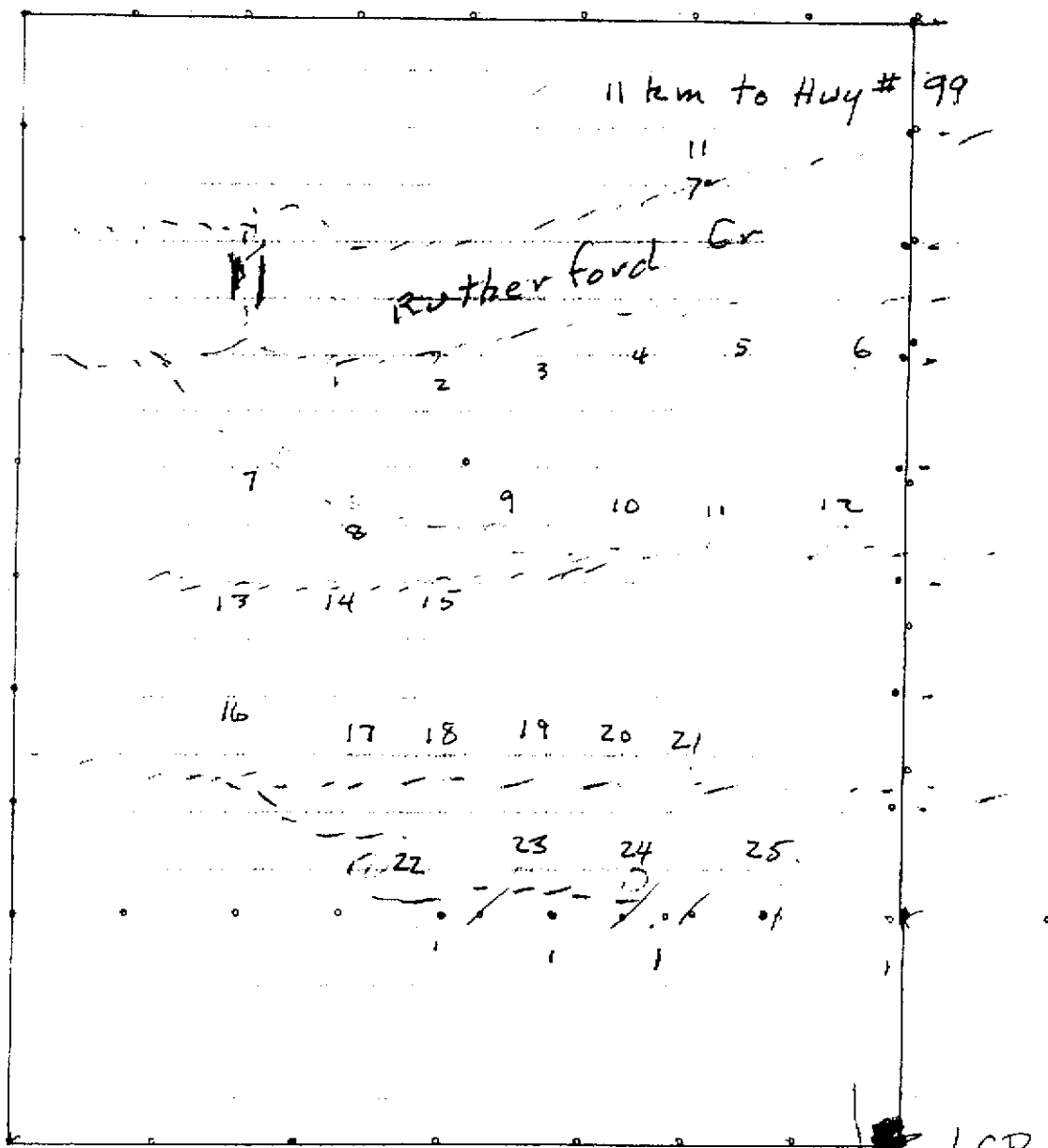
SIGNIFICANT RESULTS

Commodities Rhodolite garnet Claim Name _____
Location (show on map) Lat ~~48~~ 50° 30' Long 118° 00' Elevation 2000 m
Best assay/sample type assessed by Joe Montgomery
undecided
Description of mineralization, host rocks, anomalies _____

Supporting data must be submitted with this TECHNICAL REPORT
Information on this form is confidential for one year from the date of receipt subject to the provisions of the Freedom of Information Act.

1N

↗ Pemberton
20 km NE



Logging roads
Rotherford Cr

Drill set up on Logging roads

SNOW

GLACIER

SNOW

R
u
t
h
e
r
f
o
r
d

C
r.

R
u
t
h
e
r
f
o
r
d

Valid claim before

450 m x 500 m of
Bird claim & incl. op
In Bird 1 & Bi

Bird 2 reduced

120350	31284
0480 6	31328
321477	
29A2W	
228405	01801
320677	320677
29A2s	26221
	(228409)

LILLOEET M.D.

VANCOUVER M.D.

MINEP
B. C. R
SUBJE

HEMLO GOLD

Exploration Office
Suite 101
285 West Beaver Street
Vancouver, B.C. V6A 1R6
Telephone: (604) 889-9200
Fax: (604) 889-8439

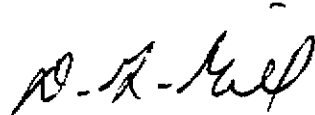
November 1, 1996

Acme Analytical Laboratories
852 East Hastings Street,
Vancouver, B.C.
V6A 1R6

I am sending you 20 samples to be run for gold by atomic absorption analysis. Could you also run samples R28, R29 & R-29a for Sn and W as well.

Charges can be applied to the Battle Mountain Canada/Hemlo account and the project number is 127. Please address assay results to myself.

Yours truly,



D. Graham Gill, P. Geo.
Exploration Geologist
Canadian Cordillera

DGG/mk

RUTHERFORD CREEK
- SAMPLES -

- R-17 Quartz seicite vein material.
- R-17A. Fractured, limonitic, seicitic granite (potassic altn).
- R-18 Horafelsed andesitic tuff.
- R-19 As above. Silica/calcite altn.
- R-20 Bull qtz vein material. Seicite on fracs.
- R-21 As above. Minor, v. lg sulfides.
- R-22 Well seicitized, limonitic granite.
- R-23 Quartz vein material. Limonitic/clay filled fracs.
hi Hematite.
- R-24 - N/S -
- R-25 Same as R-23. Open space/vugs.
- R-26A (maybe R-24) Foliated, clay, seicite altered
andesite.
- R-26 Same as R-25.
- R-27 Limonitic, hi seicite content, granite.
- R-28 As above. Well fractured.
- R-29 As above.
- R-29a (labelled as R-29) Horafels, Soliated andesite
- bleached, seicitized.
- R-30 Very limonitic andesite tuff.
- R-31. Qtz vein material cutting, pale, mod seicitized
bleached andesite host.
- R-32. Vuggy bull qtz vein material.
- R-33 - limonitic, frac. granite - hi seic. content (primary)
- R-33a - (labelled as R-33) Same as R-31.



GEOCHEMICAL ANALYSIS CERTIFICATE



Hemlo Gold Mines PROJECT 127

File # 96-5709

100 - 1285 W. Pender St., Vancouver BC V6E 4B1

Submitted by: D. Graham Gill

SAMPLE#	Au* ppb
R-17	87
R-17A	2
R-18	2
R-19	1
R-20	146
R-21	22
R-22	4
R-23	21
R-25	6
R-26	2
R-26A	33
R-27	4
R-28	5
R-29	8
R-29A	16
RE R-29A	15
R-30	47
R-31	8
R-32	19
R-33	4
R-33A	13
STANDARD AU-R	532

- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 1 1996

DATE REPORT MAILED:

Nov 8/96

SIGNED BY

D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Hemlo Gold Mines PROJECT 127

File # 96-5709

100 - 1285 W. Pender St., Vancouver BC V6E 4B1

Submitted by: D. Graham Gill

SAMPLE#	W	Sn
	ppm	ppm
R-28	<4	<2
R-29	15	<2
R-29A	<4	<2

W & SN BY MULTI-ACID DIGESTION, ANALYSIS BY ICP.
- SAMPLE TYPE: ROCK

DATE RECEIVED: NOV 1 1996

DATE REPORT MAILED: Nov 8/96

SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P. 02/03

604 253 1716 TO F '8439

NOV 8 '96 16:32 FR ACME LABS

ACME ANALYTICAL LABORATORIES LTD. 852 W. BARTING ST. VANCOUVER BC V6P 4K1

AA

AA

GEOCHEMICAL ANALYSIS CERTIFICATE

Hemlo Gold Mines PROJECT 127 File # 96-8709
100 - 1285 W. Pender St., Vancouver BC V6E 4E1 Submitted by: D. Graham Giff

SAMPLE#	W ppm	Sn ppm
R-28	<4	<2
R-29	15	<2
R-29A	<4	<2

W & SN BY MULTI-ACID DIGESTION, ANALYSIS BY ICP.
- SAMPLE TYPE: ROCK

DATE RECEIVED: NOV 1 1996 DATE REPORT MAILED: Nov 8/96 SIGNED BY...: *Cherry* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P.03/03

604 253 1716 TO E B439

NOV 8'96 16:33 FR ACME LABS



GEOCHEMICAL ANALYSIS CERTIFICATE

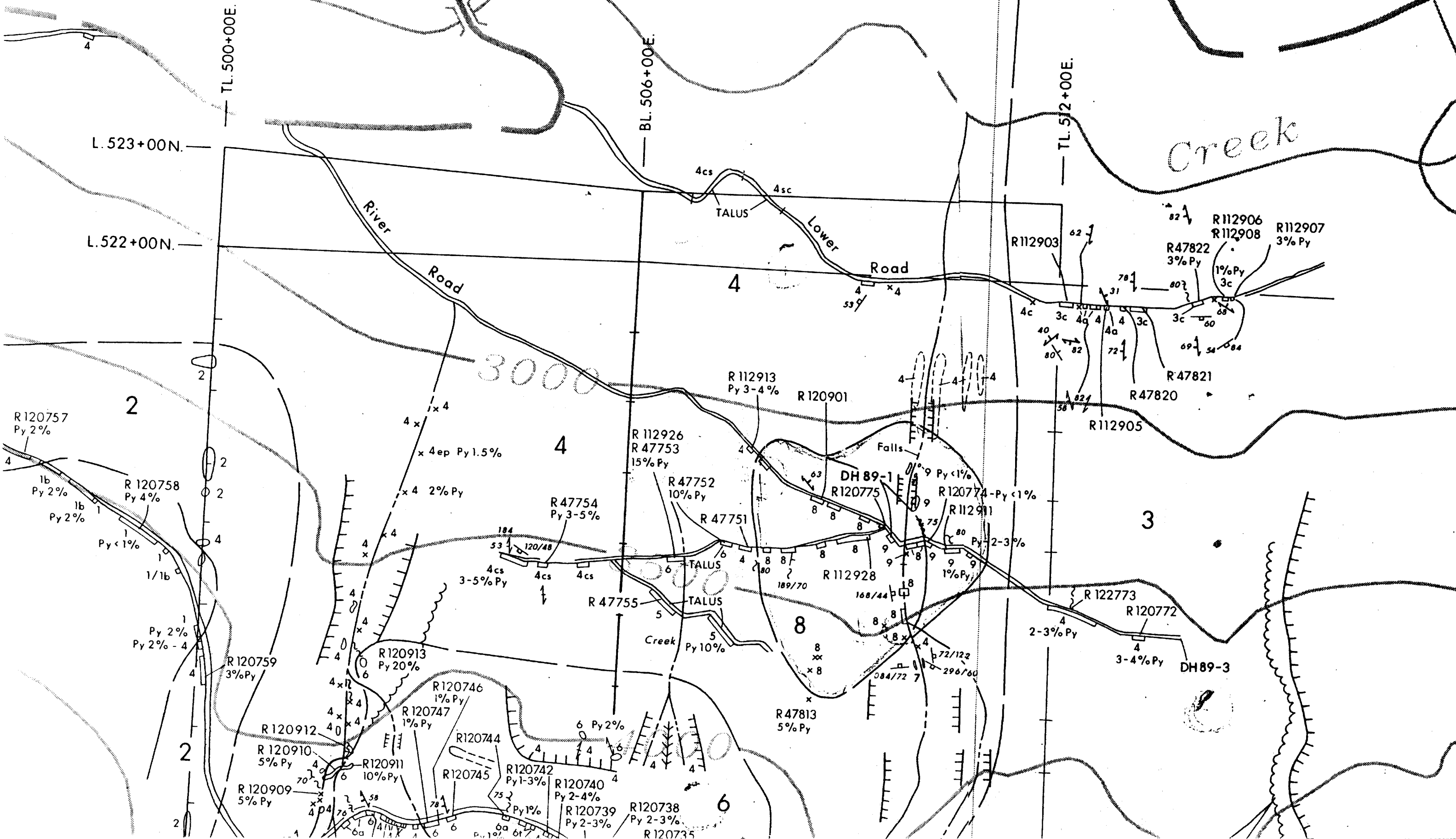
Hemlo Gold Mine PROJECT 127 File # 96-B709
100 - 1285 W. Denair St., Vancouver BC V6G 4S1 Submitted by: D. Graham (11)

SAMPLE#	Au* ppb
R-17	87
R-17A	2
R-18	2
R-19	1
R-20	146
R-21	22
R-22	4
R-23	21
R-25	6
R-26	2
R-26A	33
R-27	4
R-28	5
R-29	8
R-29A	16
RE R-29A	15
R-30	47
R-31	8
R-32	19
R-33	4
R-33A	13
STANDARD AU-R	532

- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 1 1996 DATE REPORT MAILED: Nov 8/96 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

↑ N
NTS 92J/6E
Rutherford Cr,



Creek

3000

2

4

3

8

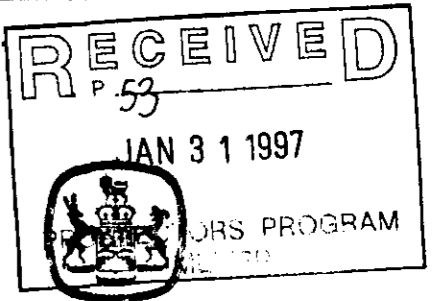
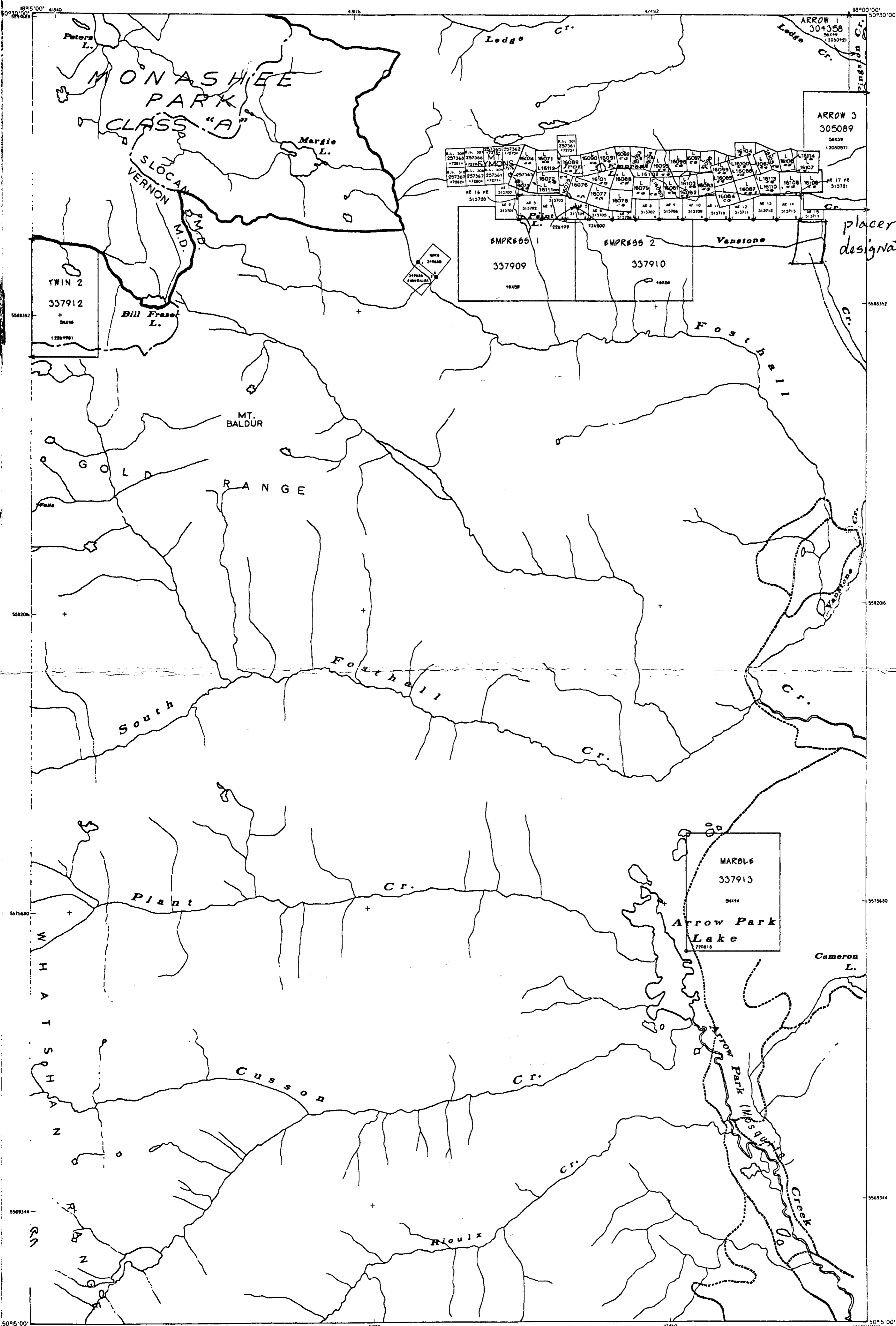
6

R120757
Py 2%
1b
Py 2%
1b
Py 2%
Py < 1%
1/1b
Py 2%
Py 2% - 4
R120758
Py 4%
R120759
3% Py
R120912
4%
R120910
5% Py
R120911
10% Py
R120909
5% Py
R120746
1% Py
R120747
1% Py
R120744
6 Py 2%
R120745
Py 1-3%
R120742
Py 1-3%
R120740
Py 2-4%
R120739
Py 2-3%
R120738
Py 2-3%
R120735

x 4
x 4ep Py 1.5%
x 4 2% Py
R112913
Py 3-4%
R120901
R112926
R47753
15% Py
R47752
10% Py
R47751
R47754
Py 3-5%
R47755
TALUS
Creek
Py 10%
R120913
Py 20%
R120746
1% Py
R120747
1% Py
R120744
6 Py 2%
R120745
Py 1-3%
R120742
Py 1-3%
R120740
Py 2-4%
R120739
Py 2-3%
R120738
Py 2-3%
R120735

4cs
TALUS
Lower
Road
4cs
TALUS
Falls
DH 89-1
R120775
R120774 - Py < 1%
R112911
Py 2-3%
R112928
168/44
R47813
5% Py
R120775
R120774
R112911
R120772
R122773
R120772
DH 89-3
3-4% Py

R112903
R47822
3% Py
R112906
R112908
R112907
3% Py
R47821
R47820
R112905
R122773
R120772
DH 89-3
3-4% Py
R120775
R120774
R112911
R120772
R122773
R120772
DH 89-3
3-4% Py



PROVINCE OF
BRITISH COLUMBIA
MINISTRY OF EMPLOYMENT
AND INVESTMENT

ENERGY AND MINERALS DIVISION
MINERAL TITLES BRANCH

MINERAL TITLES REFERENCE
MAP 082L08E
U.T.M. ZONE II
LAST MAP UPDATE: 1996 SEP 27

ORIGINAL PRODUCED AT 1:31680
METRES
500 0 500 1000 1500 2000

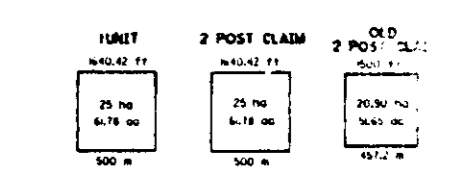
ADMINISTRATIVE AREAS
MINING DIVISIONS: SLOCAN, VERNON

LAND DISTRICTS:

ALIENATIONS
NO STAKING AREAS
NO STAKING RESERVES
PARKS
ECOLOGICAL RESERVES
RECREATION AREAS
INDIAN RESERVES

CONDITIONAL AREAS
SUBJECT TO CONDITIONS RESERVES
SECTION 19 RECREATION AREAS
POST CLAIM AREAS
AREAS SUBJECT TO URANIUM / THORIUM REGULATIONS

MINERAL TENURE
MINERAL CLAIM
MINERAL LEASE
INDUSTRIAL MINERAL CLAIM
CLAIM NAME
TITLE NUMBER
OLD TITLE NUMBER
TAG NUMBER
LEGAL POST
WITNESS POST
FORFEITED TENURE
VERIFIED
SURVEYED
REVERTED C.G. MINERAL CLAIM
CROWN GRANTED
OPEN FOR STAKING



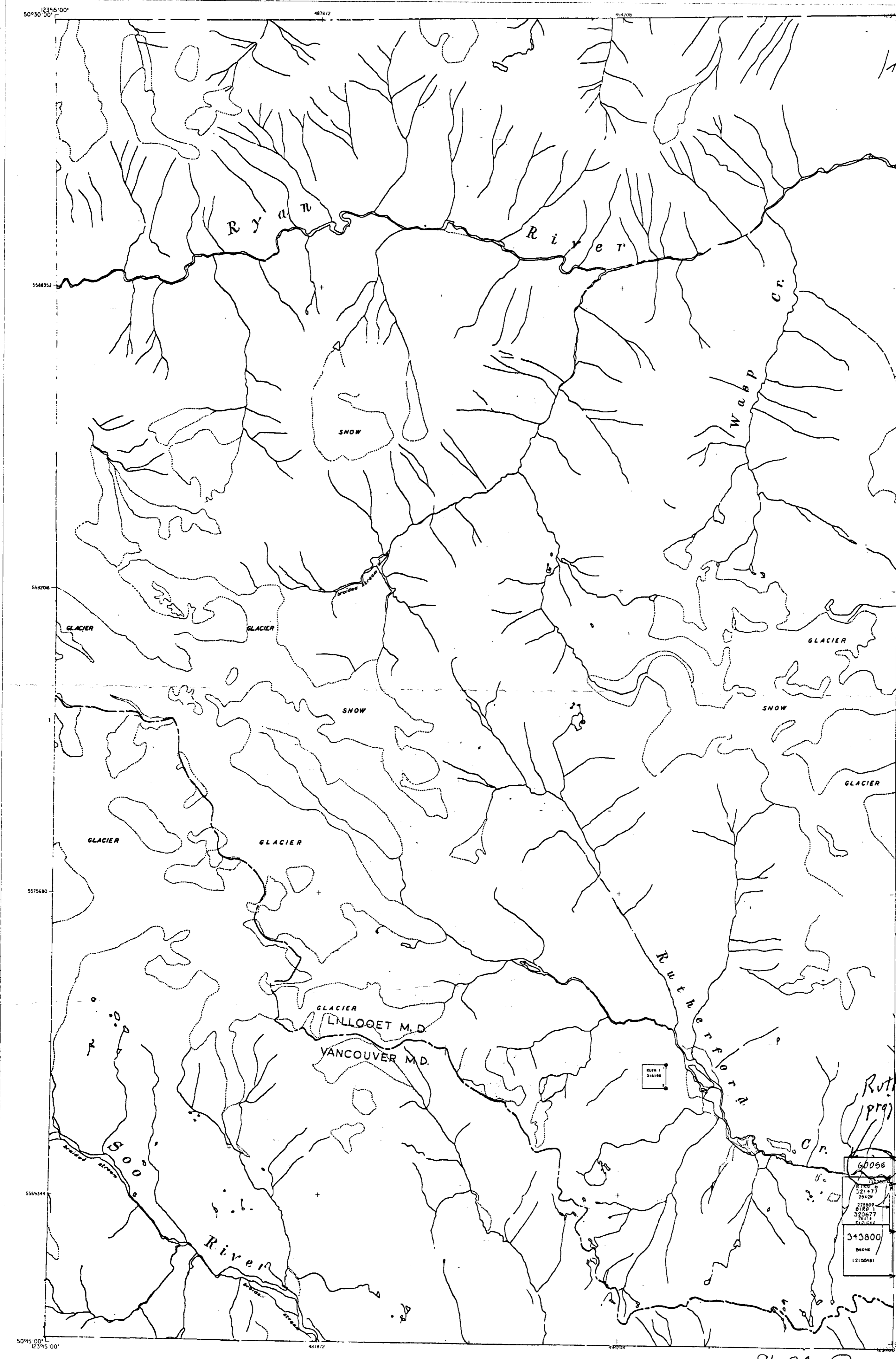
THIS MAP IS PREPARED ONLY AS A GUIDE TO THE LOCATION OF MINERAL TENURE AS SHOWN ON THE LOCATOR'S SKETCHES. FOR CURRENT OR MORE SPECIFIC INFORMATION, APPLICATION SHOULD BE MADE TO THE MINING DIVISION CONCERNED.

082L08E	082L08E	082L08E
082L08E	082L08E	082L08E
082L08E	082L08E	082L08E

INDEX TO ADJOINING MAPS

082L08E

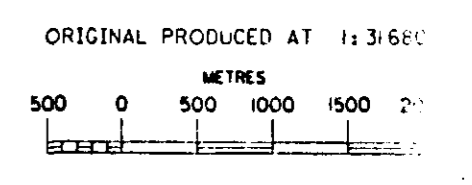
9624 ①



PROVINCE OF
BRITISH COLUMBIA
MINISTRY OF EMPLOYMENT
AND INVESTMENT

ENERGY AND MINERALS DIVISION
MINERAL TITLES BRANCH

MINERAL TITLES REFERENCE
MAP 092J06E
U.T.M. ZONE 10
LAST MAP UPDATE: 1996 JUL 17

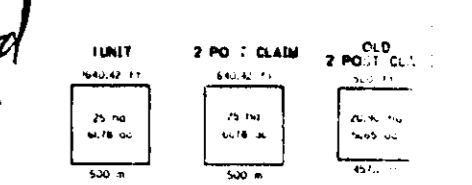


ADMINISTRATIVE AREAS
MINING DIVISIONS: LILLOOET,
VANCOUVER
LAND DISTRICTS:

- ALIENATIONS
- NO STAKING AREAS
 - NO STAKING RESERVES
 - PARKS
 - ECOLOGICAL RESERVES
 - RECREATION AREAS
 - INDIAN RESERVES

- CONDITIONAL AREAS
- SUBJECT TO CONDITIONS RESERVES
 - SECTION 19 RECREATION AREAS
 - 1 POST CLAIM AREAS
 - AREAS SUBJECT TO URANIUM / THORIUM REGULATIONS

- MINERAL TENURE
- MINERAL CLAIM
 - MINERAL LEASE
 - INDUSTRIAL MINERAL CLAIM
 - CLAIM NAME
 - TITLE NUMBER
 - OLD TITLE NUMBER
 - TAG NUMBER
 - LEGAL POST
 - WITNESS POST
 - FORFEITED TENURE
 - VERIFIED
 - SURVEYED
 - REVERTED C.G. MINERAL CLAIM
 - CROWN GRANTED
 - OPEN FOR STAKING



THIS MAP IS PREPARED ONLY AS A GUIDE TO THE LOCATION OF MINERAL TENURE AS SHOWN ON THE LOCATOR'S SKETCH. FOR CURRENT OR MORE SPECIFIC INFORMATION, APPLICATION SHOULD BE MADE TO THE MINING DIVISION OFFICE.

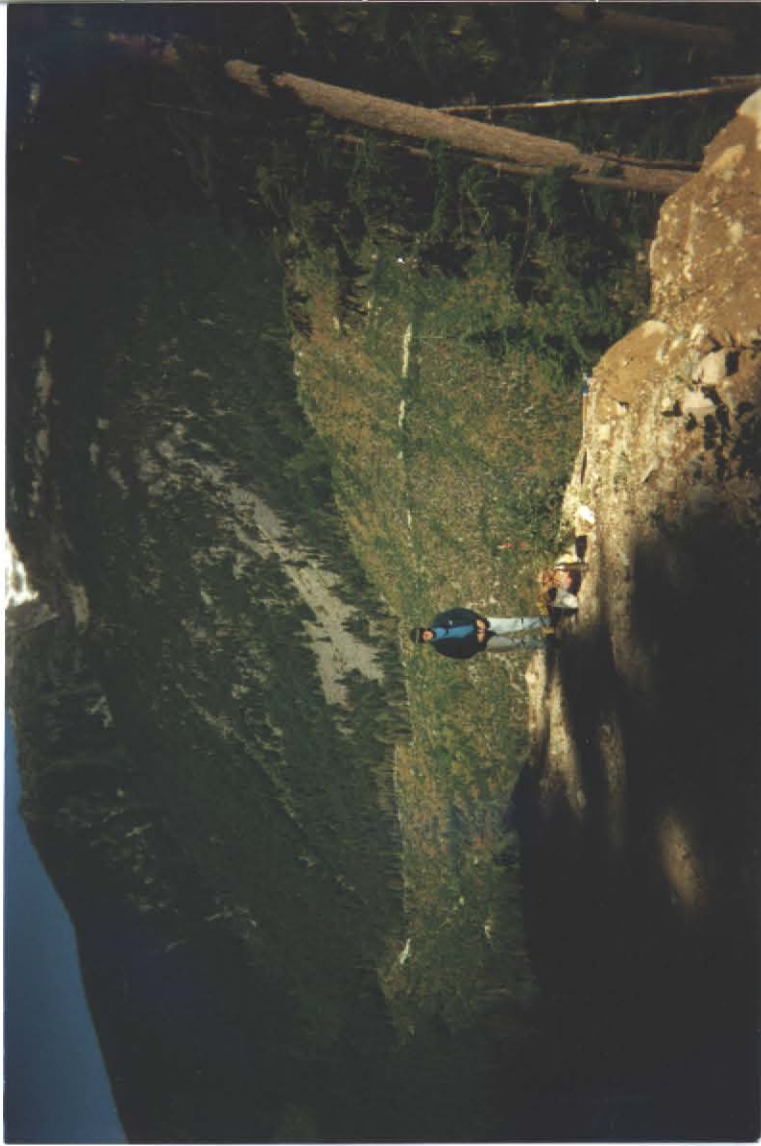
092J06E	092J06E	092J06E
092J06E	092J06E	092J06E
092J06E	092J06E	092J06E

INDEX TO ADJOINING MAPS

092J06E

96-24 (2)





LEGEND

- PAVED ROAD
- GRAVEL ROAD
- BOUCE ROAD
- VERY BOUCE ROAD
- TRAIL
- GATE
- ROAD IMPASSABLE
- FOREST SERVICE OFFICE
- RECREATION SITE
- POINT OF INTEREST
- VIEW POINT
- LOOKOUT
- MANAGED TRAIL
- MOUNTAIN
- COMMUNITY

N

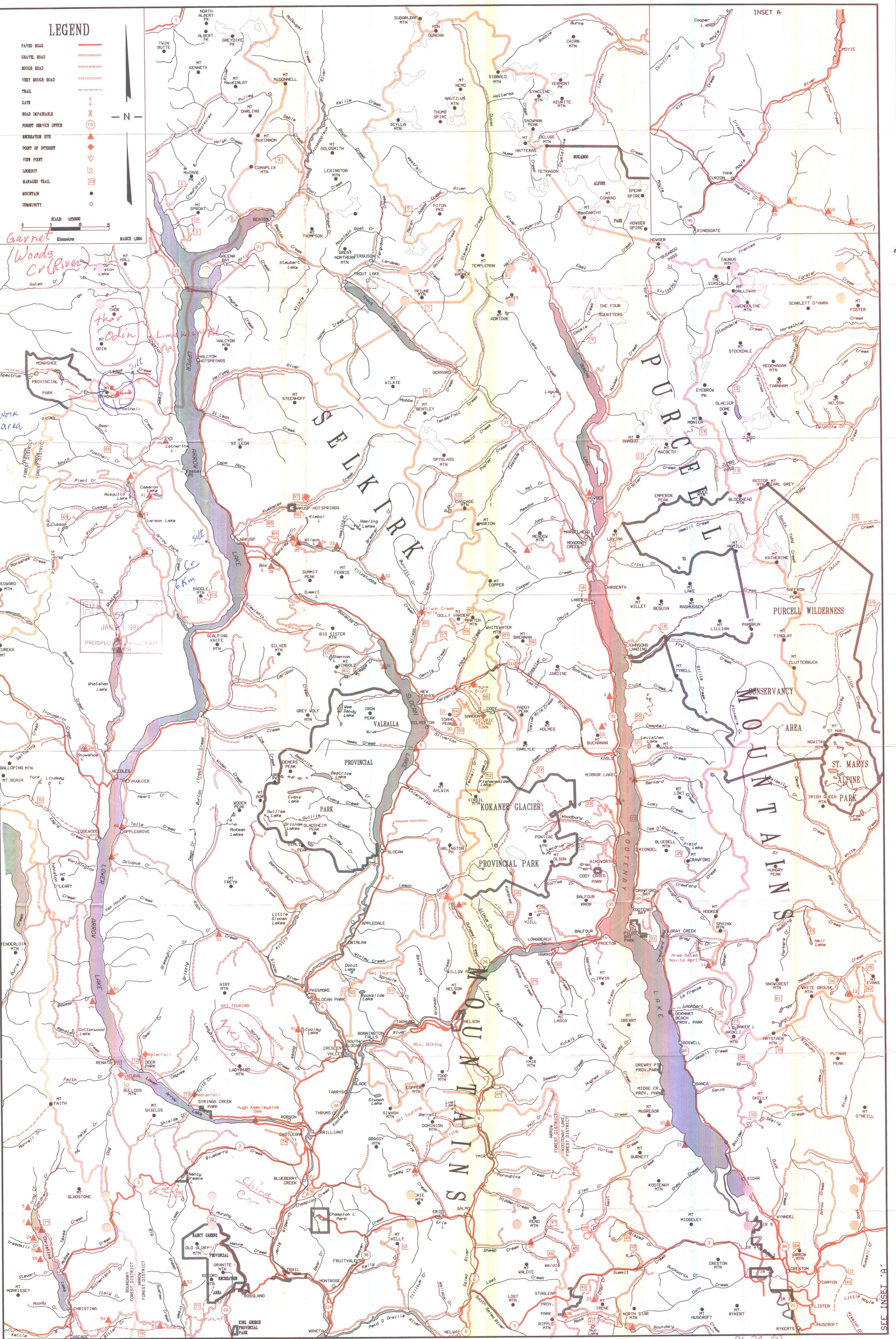
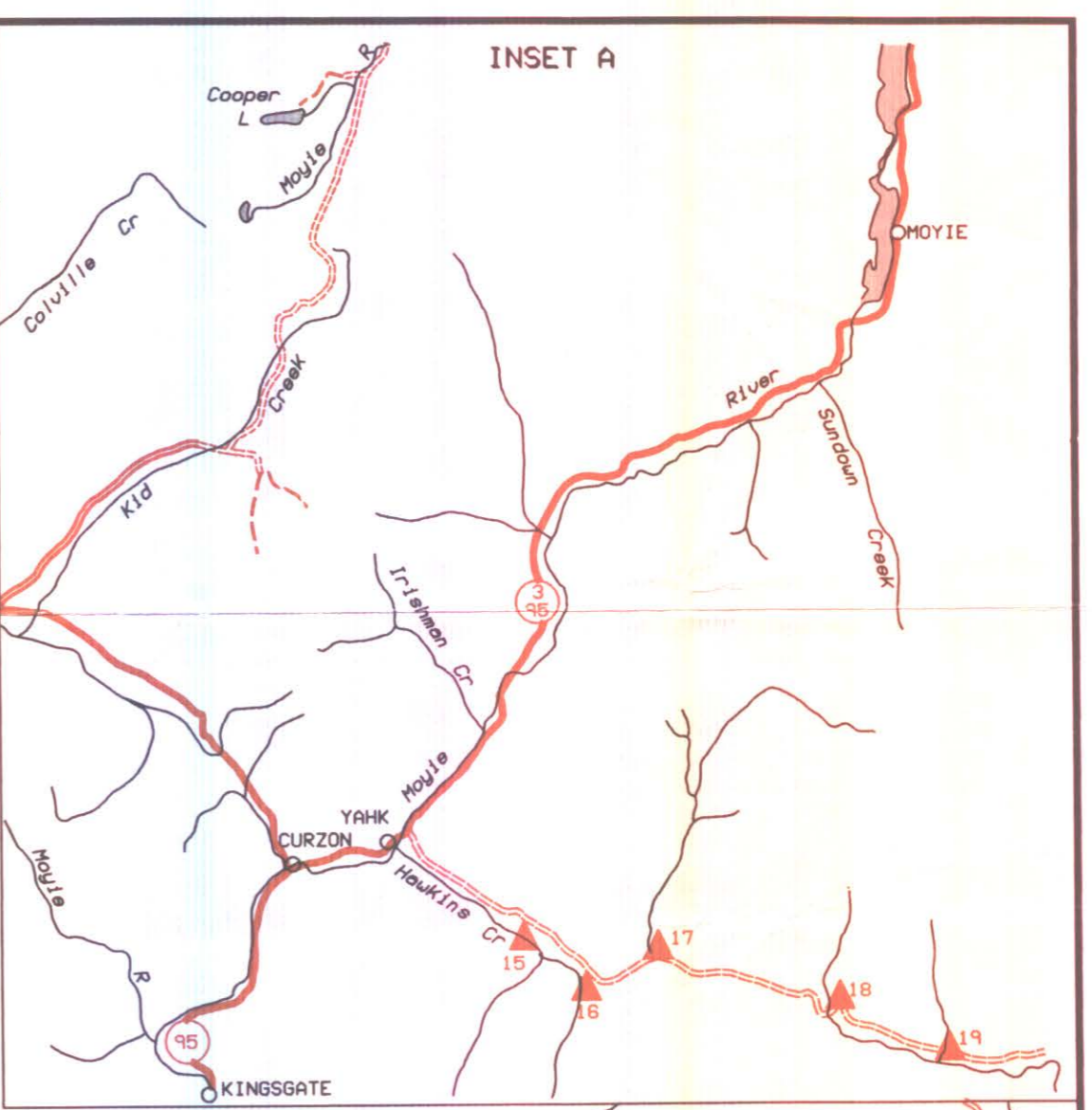
SCALE 1:250,000

Garnet Woods Cr(River)

Thor Odin

Work Area

96/97 P53



96-24 (3)