

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

PROGRAM YEAR: 1994/95

REPORT #: PAP 94-4

NAME: J.G. MCDONALD

Final Prospecting Report

J G McDonald

P 10 1994

1 MAY 94 - 7 OCT 94

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Summary Form

Diary

#1 Rutherford Creek Gold

#2 Pinchi Jadeite

#3 Hell Creek Nephrite and gemstones

#4 Arrow Lake Pegmatites and gneisses (gemstones)

**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 J. McDONALD Reference Number P10

LOCATION/COMMODITIES

Project Area (as listed in Part A.) Rutherford Cr Minfile No. if applicable _____

Location of Project Area NTS 92J6E Lat 50°16' Long 123°00'

Description of Location and Access West of Hwy 99, 10 km south of Pemberton. 12 km west along the north side of Rutherford Creek to bridge

Main Commodities Searched For Au

Known Mineral Occurrences in Project Area Au

WORK PERFORMED

1. Conventional Prospecting (area) _____
2. Geological Mapping (hectares/scale) _____
3. Geochemical (type and no. of samples) _____
4. Geophysical (type and line km) _____
5. Physical Work (type and amount) soil, silt, panned conc test pits
6. Drilling (no. holes, size, depth in m, total m) _____
7. Other (specify) _____

SIGNIFICANT RESULTS (if any)

Commodities _____ Claim Name Bird Group

Location (show on map) Lat _____ Long _____ Elevation _____

Best assay/sample type _____

Description of mineralization, host rocks, anomalies a 1 km x 2 km area assays anomalous Gold. A greisen intrudes North - South trending felsic volcanics.

Assessment report included

Supporting data must be submitted with this TECHNICAL REPORT.

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Name James G McDonald Reference Number P 10

LOCATION/COMMODITIES

Project Area (as listed in Part A.) Pinchi Jadeite Minfile No. if applicable _____

Location of Project Area NTS 93159 Lat _____ Long _____

Description of Location and Access A gravel road connects Fort St James to Pinchi Lake.

Main Commodities Searched For Jadeite, Nephrite, Eclogites

Known Mineral Occurrences in Project Area Jadeite Nephrite Eclogite

WORK PERFORMED

1. Conventional Prospecting (area) Fort St James to Pinchi
2. Geological Mapping (hectares/scale) Mercury mine
3. Geochemical (type and no. of samples) _____
4. Geophysical (type and line km) _____
5. Physical Work (type and amount) prospecting, panning
6. Drilling (no. holes, size, depth in m, total m) _____
7. Other (specify) _____

SIGNIFICANT RESULTS (if any)

Commodities _____ Claim Name _____

Location (show on map) Lat _____ Long _____ Elevation _____

Best assay/sample type _____

Description of mineralization, host rocks, anomalies Pinchi Fault - Serpentine - chert contacts Creeks between Fort St James & Pinchi lake prospected

Supporting data must be submitted with this TECHNICAL REPORT.

PROJECT PINCHI JADEITE

Jadeite, Nephrite, and Eclogites are reported between Pinchi Mercury Mine and Fort St James

NTS 93K/9

ACCESS

From Fort St James to the Pinchi Mine by gravel roads.

Motive

A high value gemstone Jadeite is discussed in Ian Patterso's 1973 BSc thesis, showing specific localities. Further discussion with Mr Patterson and Jim Monger of the GSC pin pointed Eclogite float(?).

Jadeite has specific recognizable properties that make potential field identification simple and fast.

Characteristics:

SG -3.3

high Na⁺ (15% in pure Jadeite) flames yellow under a handheld torch

tough - sledge hammar tough

hardness 6.6 - 7.0

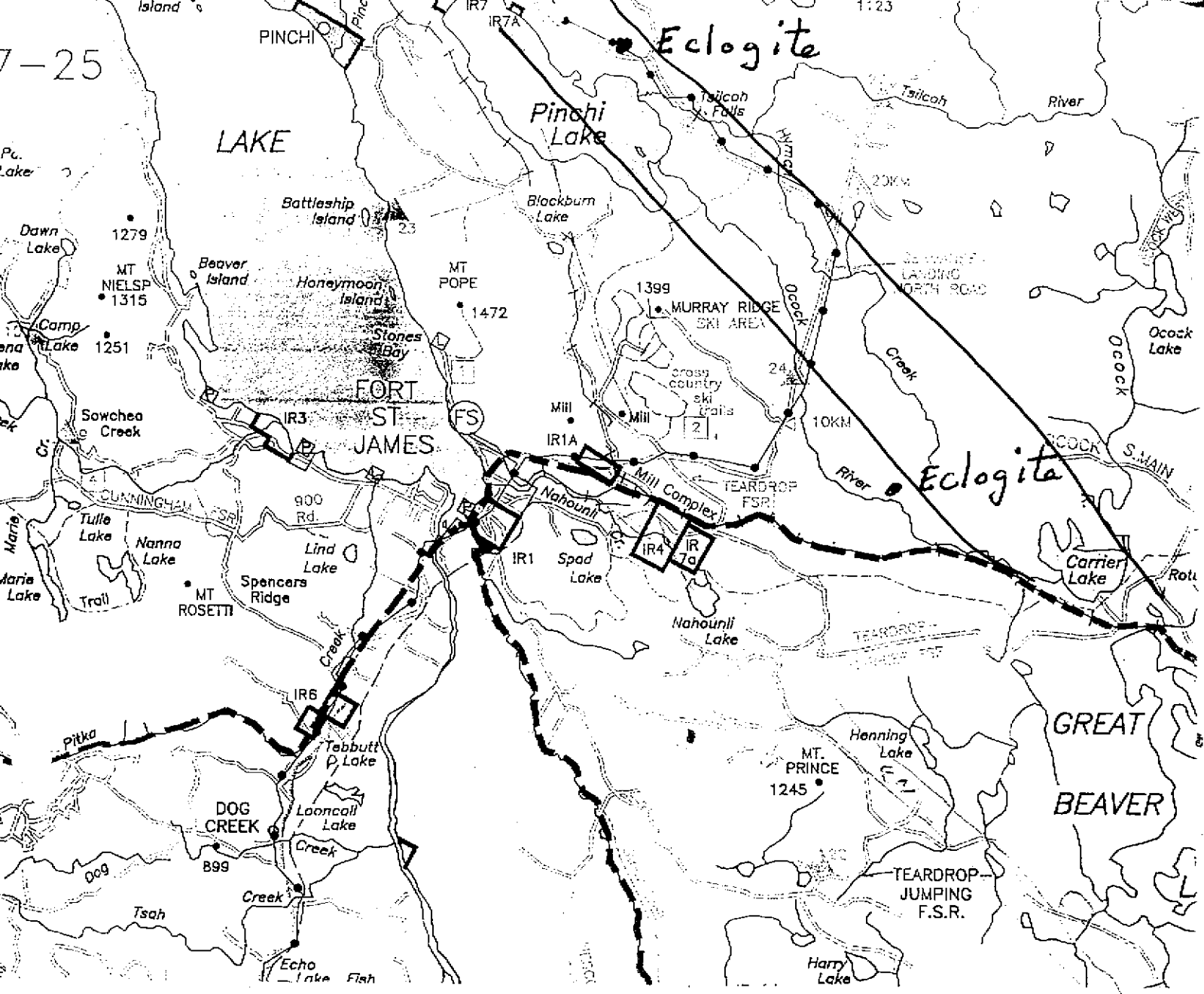
vitreous

crystalline to massive - fractures at 90°

contains Diopside

colour - green, cinnabar, yellow, lavender, white

PROGRAM



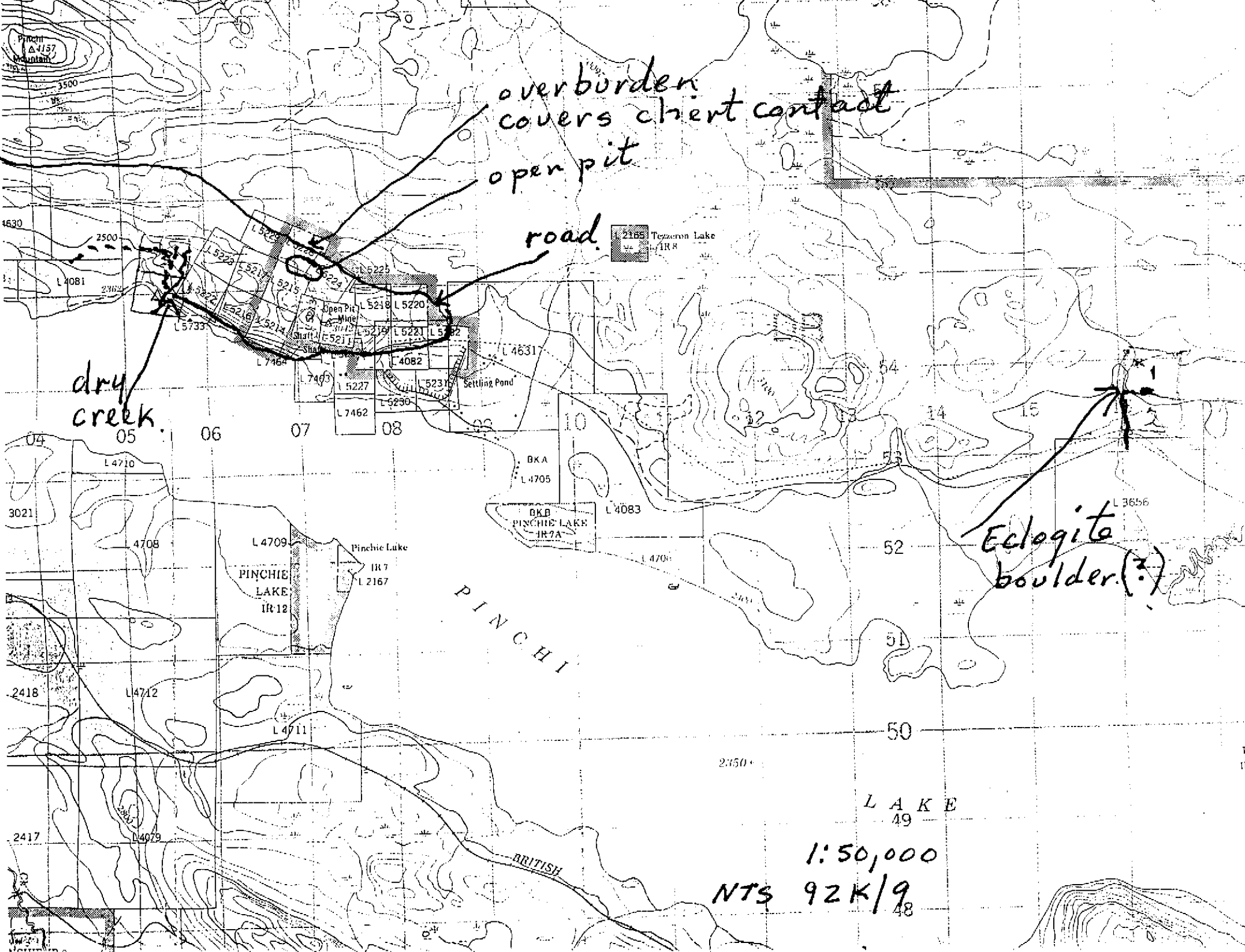
1:250,000
 BC Forestry
 recreational
 map
 Prince George

overburden
covers chert contact
open pit

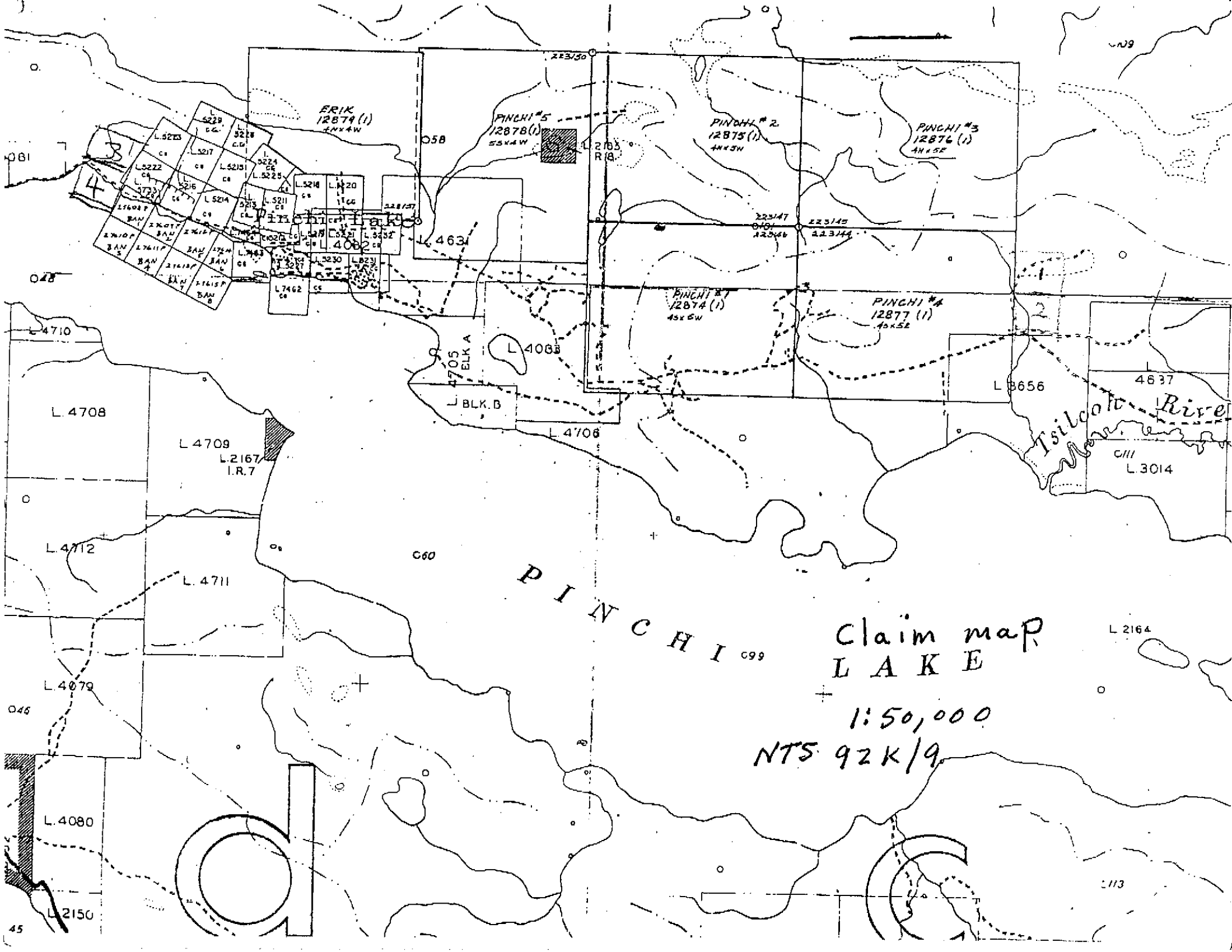
road.

dry
creek.

Eclogite
boulder(?)



1:50,000
NTS 92K/9



ERIK 12879 (1)
55N4W

PINCHI #5
12878 (1)
55N4W

PINCHI #2
12875 (1)
4N43W

PINCHI #3
12876 (1)
4N45E

PINCHI #1
12874 (1)
45x5W

PINCHI #4
12877 (1)
4N45E

PINCHI 099

Claim map
L A K E

1:50,000
NTS 92K/9

O

113

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

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Name _____ Reference Number _____

LOCATION/COMMODITIES

Project Area (as listed in Part A.) Hell Cr ^{Jade} A Minfile No. if applicable _____

Location of Project Area NTS 92 J/16 Lat _____ Long _____

Description of Location and Access highways, logging roads
Vancouver - Lillooet Area - Lytton -
Hope - Agassiz

Main Commodities Searched For Nephrite, Jadeite, Vesuvianite,
rhodochrosite, Chrysoprase, fuchsite, emerald

Known Mineral Occurrences in Project Area All of the above in
place or as float.

WORK PERFORMED

1. Conventional Prospecting (area) extensive (700 km circuit)
2. Geological Mapping (hectares/scale) minimal
3. Geochemical (type and no. of samples) _____
4. Geophysical (type and line km) _____
5. Physical Work (type and amount) _____
6. Drilling (no. holes, size, depth in m, total m) _____
7. Other (specify) _____

SIGNIFICANT RESULTS (if any)

Commodities _____ Claim Name _____

Location (show on map) Lat _____ Long _____ Elevation _____

Best assay/sample type _____

Description of mineralization, host rocks, anomalies _____

in report.

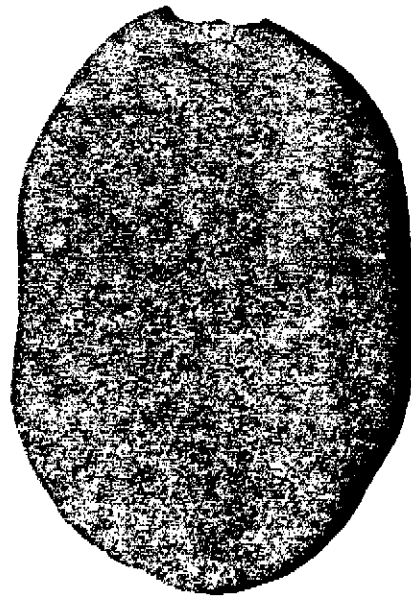
Supporting data must be submitted with this TECHNICAL REPORT.

George T. Emmons
Museum of the American Indian
Jade in BC & Alaska
and its use by the
Natives

PLATE I

- a. Oval, flat pebble of deep-green jade. Worn as a charm or an ornament by a Salish woman of Bridge river, British Columbia.
- b. Pebble of jadeite, remarkable in color, from Stein, Fraser river, British Columbia.

NW 970.69
E54



7 OCT 94

Project Hell Cr Jade et Al

Aug 20 - 22 was spent on the Hell Cr Jade property and the vicinity. Cec McKewan (256-7151), an 83 year old Jade miner and gemstone worker and his wife spent one day on the property. We examined the waste pile to look for botryoidal (grape) jade. 500m uphill from the cabin occurs an open cut where previous mining occurred. A bulldozer followed the vein from the cabin to the opencut. Some jade was taken for cutting. The quality was not acceptable. Further work with heavy equipment is required as is a magnetometer. Magnetite occurs at the margins.

The serpentinites cross the head of Vera Creek (see map). The road was blocked. Jade was found in the creek bed. Quality was not determined as it was too large to move.

Jul 6 - 11. Vancouver to D'Arcy, McGillivary creek, Van Horlick Crreek, Texas Creek.

5 days were spent evaluating D'Arcy Nephrite and other material. Nothing of suitable quality was found.

1.5 Km west of the powerline road up McGillivary Creek occurs massive carvable mariposite. A few hand samples were found. Apparently the previous owner buried the showing and/or blasted it.

Van Horlick Creek - 200 meters from the main Highway at the South end of Duffy Lake occurs massive Quartzite boulders over a 1 Km area. The quartzite is very white with concave depressions streaked with sillimanite, and contains bands and nodules of Dumortierite and blue Quartz(?).

Texas Creek - one day was spent at Texas Creek. The idea was that the Jadeite bought off a local in the 1860's by an anthropologist may have come from Texas Creek. The Jadeite was bought from a locale at 6 mile. 6 mile is located across from the Stein River. The ice moved north in this area. There has been a lot of speculation about Jadeite occurring at the head of the Stein at Sikhist Mountain. Koeik Cr and the head of the Stein are targets for the 1995 season.

8 AUG - 15 AUG

Bear Mtn (emerald), American and Emory Creek (NiSiO₂)
speculative, Nahatlatch to Boston Bar, Lytton

Bear Mountain - Capilano Rock & Gem (North Van)- reported emerald at the Emperor crown grants near Agassiz. Emerald occurs often in metamorphosed limestones. The bush at the site is thick. Nothing of interest was found. soils were sieved through 3/8 ths inch mesh.

Giant Mascot - chrsoprase (NiSiO₂). No showings are reported. The

theory followed is that mines typically have exotic minerals associated. (Island Copper - dumortierite ; Cassiar - nephrite). American Creek was prospected and panned from the highway upstream for 1 Km. I then drove to the mine gate and then took 2 bags of material from the tailings pond. Not assayed. Nothing of interest found.

Nahatlatch - North Bend - A traverse was made along the west side of the Fraser River from North Bend to the Nahatlatch. The Nahatlatch was not accessible due to a canyon. Cherts were abundant as float. gravel pits were typically sandy and layered. Old Fraser River channels. Perhaps some gold potential.

Nine Mile - 9 miles north of Boston Bar and 4 1/2 miles (7 Km) to the east was a reported white Jade. What was found was serpentine, cherts and volcanics. No economic material was evident.

Lytton Area - below the townsite - found jade float, rhodonite, quartzite with a 5 cm blue quartz eye. The rock was 50 cm thick, 100 cm long and 65 cm wide. The estimated weight was 1300 Kg. Propose to drill and wedge the gem material out.

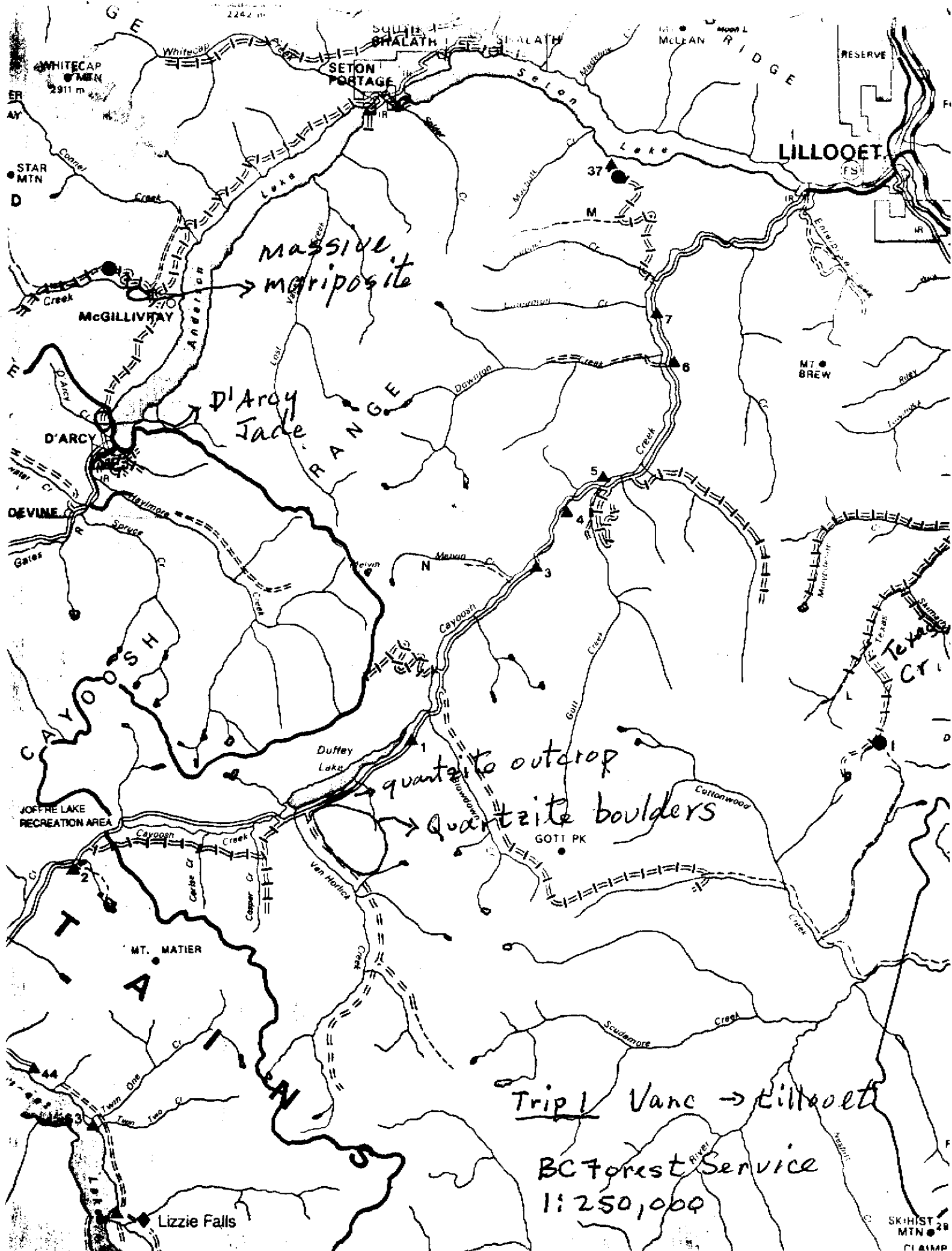
27 AUG - 1 SEP 94.

Lillooet - serpentine on the Texas Cr road were prospected as were samples panned from 3 creeks between lillooet and Texas Creek.

Lytton - laluwisson and 6 mile creek were panned for Jadeite. Procedure was to dry the sample after examining for unusual colours. A butane torch was directed at all dried material to look for the yellow Na⁺ ion. There was no reaction. These creeks are located 6 & 8 miles nw of Lytton.

Stein and ferry landing - Abundant 200 gram amorphous pieces of agate were found and collected. Jadeite was the material sought after.

Jadeite is in the area as is indicated by the enclosed reference.



2262 m

Massive
Mariposite

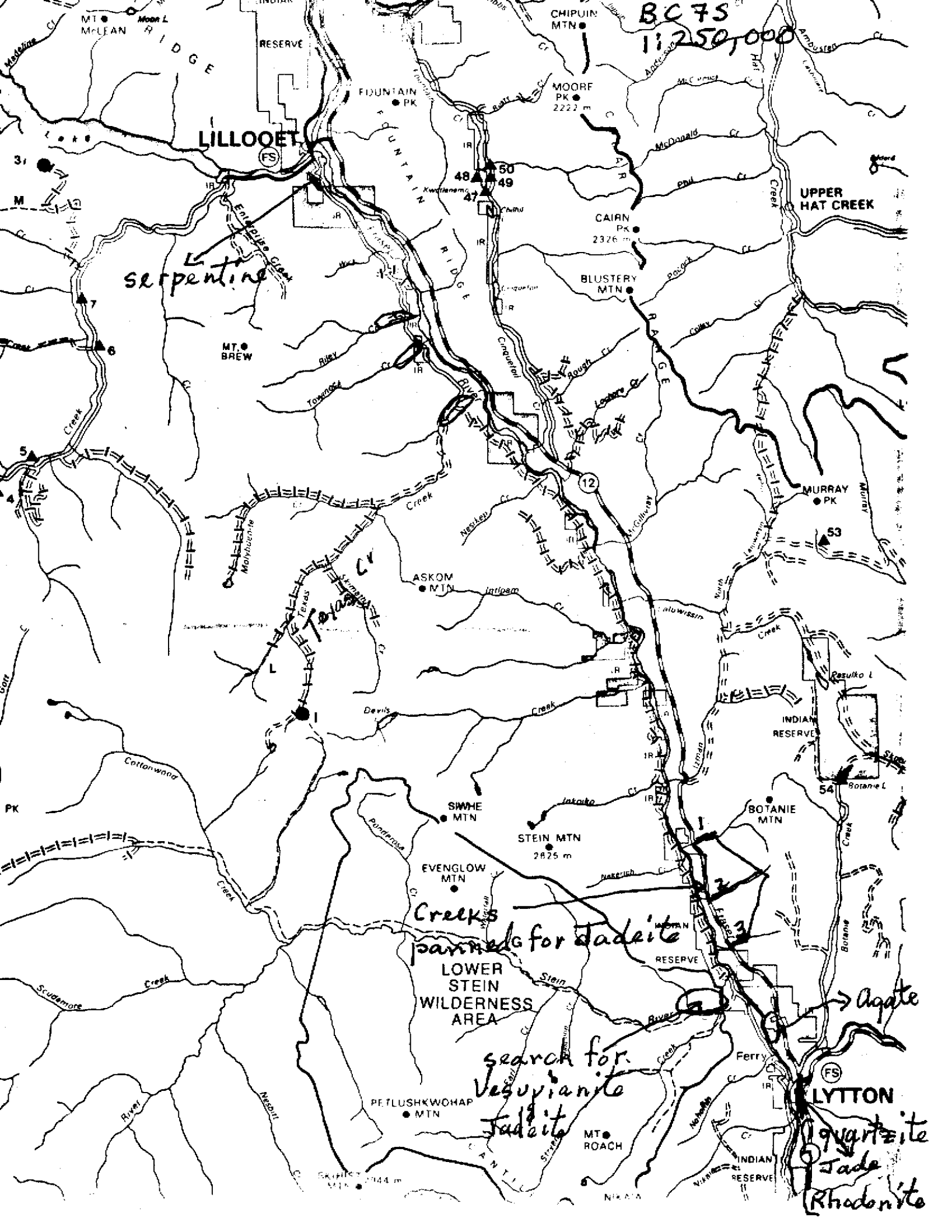
D'Arcy
Jade
RANGE

quartzite outcrop
Quartzite boulders

Trip 1 Vanc -> Lillooet

BC Forest Service
1:250,000

SKI HIST
MTN 28
CLAMP



BC 75
1:250,000

LILLOOET

UPPER HAT CREEK

serpentine

MT. BREW

CAIRN Pk.
2326 m

BLUSTERY MTN

MURRAY Pk.

ASKOM MTN

INDIAN RESERVE

BOTANIE MTN

Creeks panned for jadeite

LOWER STEIN WILDERNESS AREA

search for Vesuvianite Jadeite

Agate

LYTTON

Quartzite
Jade
Rhodonite

PETLUSHKWOHAP MTN

MT. ROACH

INDIAN RESERVE

Jade in Canada, S. Leaming

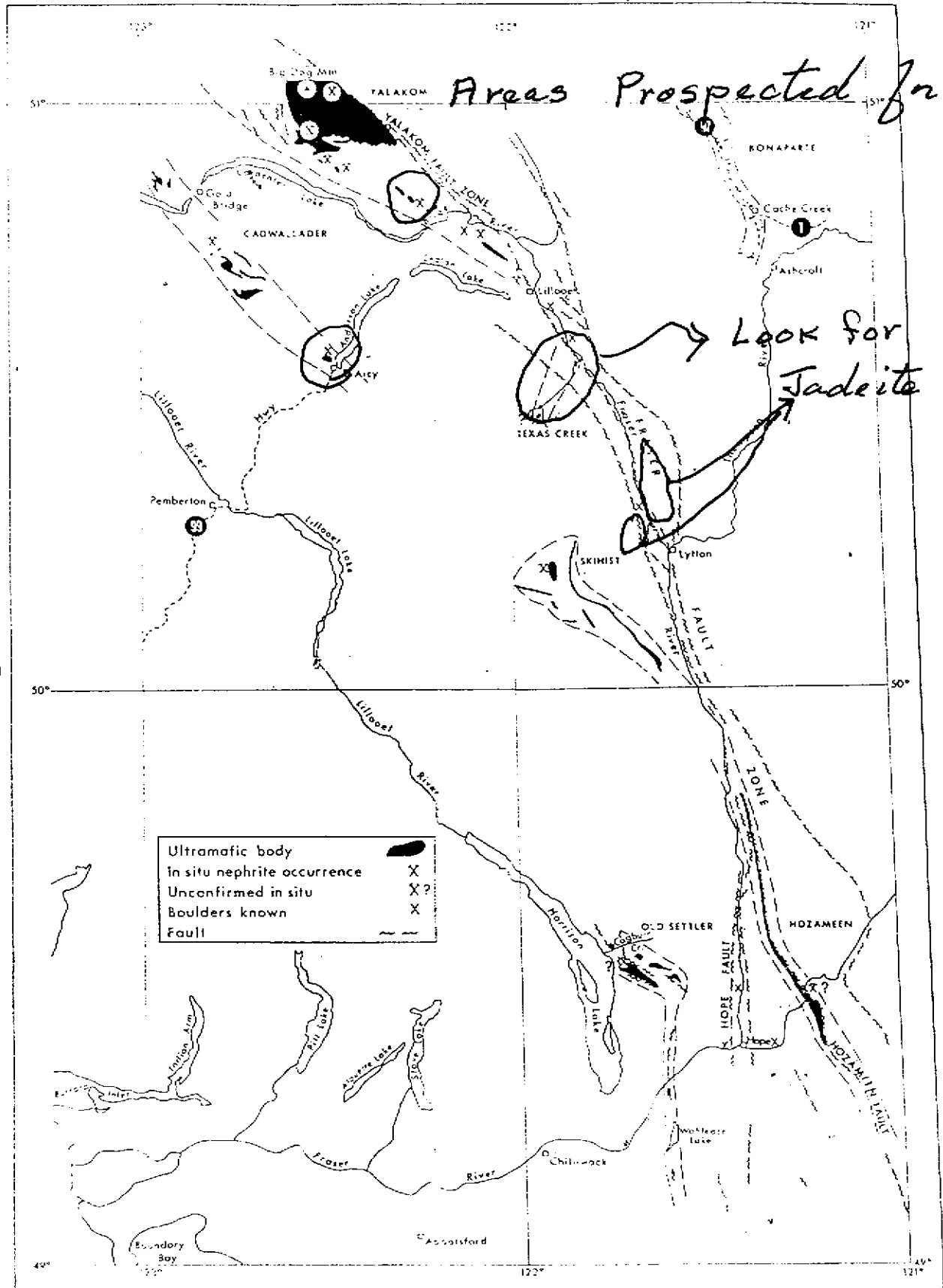
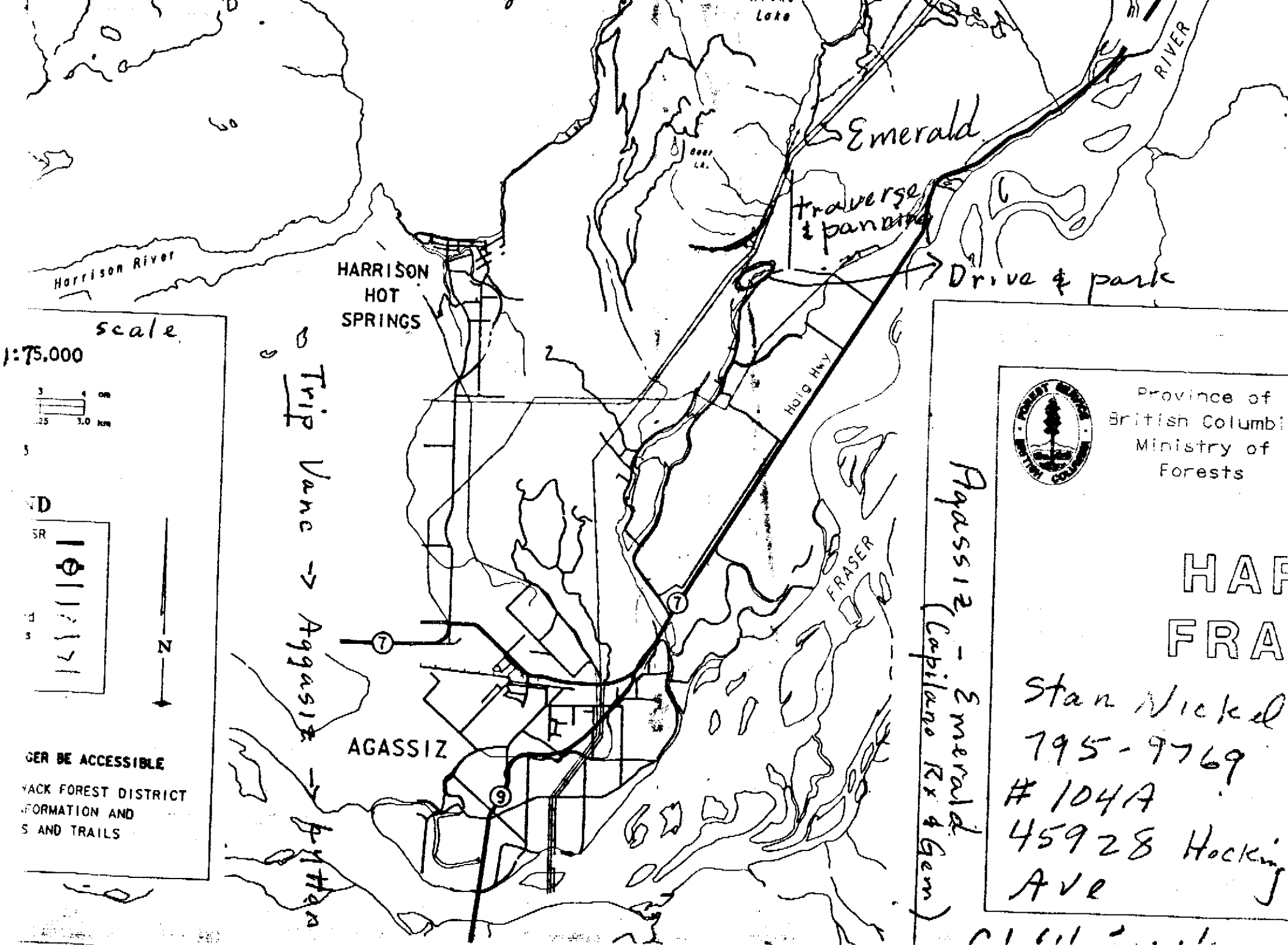
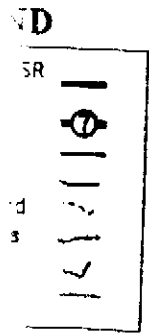
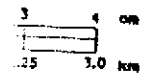


Figure 8. Nephrite deposits Lillooet segment.



scale

1:75,000



NOT BE ACCESSIBLE
 BACK FOREST DISTRICT
 INFORMATION AND
 S AND TRAILS

Trip Vancouver → Agassiz → *Hyman*

traverse & pan

Drive & park



Province of
 British Columbia
 Ministry of
 Forests

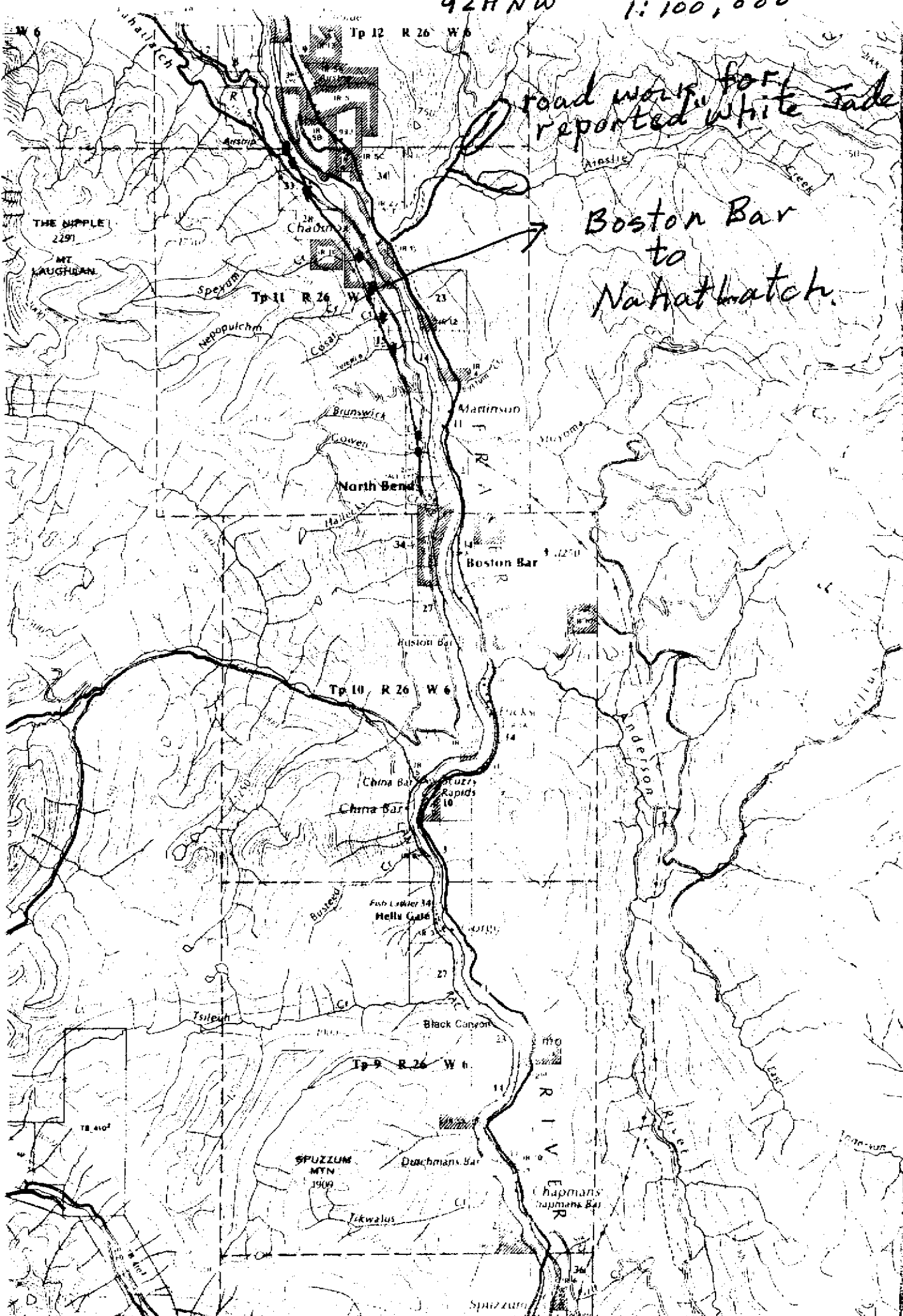
HAF
 FRA

Agassiz - Emerald
 (Capilano R. & Gem)

Stan Niekel
 795-9769
 # 104A
 45928 Hocking
 Ave

92H NW

1:100,000



road work for reported white side

Boston Bar to Nahatatch

Tp 12 R 26 W 6

Tp 11 R 26 W 6

Tp 10 R 26 W 6

Tp 9 R 26 W 6

SPUZZUM MTN 1909

THE NIPPLE 2291

MT LAUGHAN

North Bend

Boston Bar

China Bar

China Bar

Fish Lake 14

Hella Gale

Black Canyon

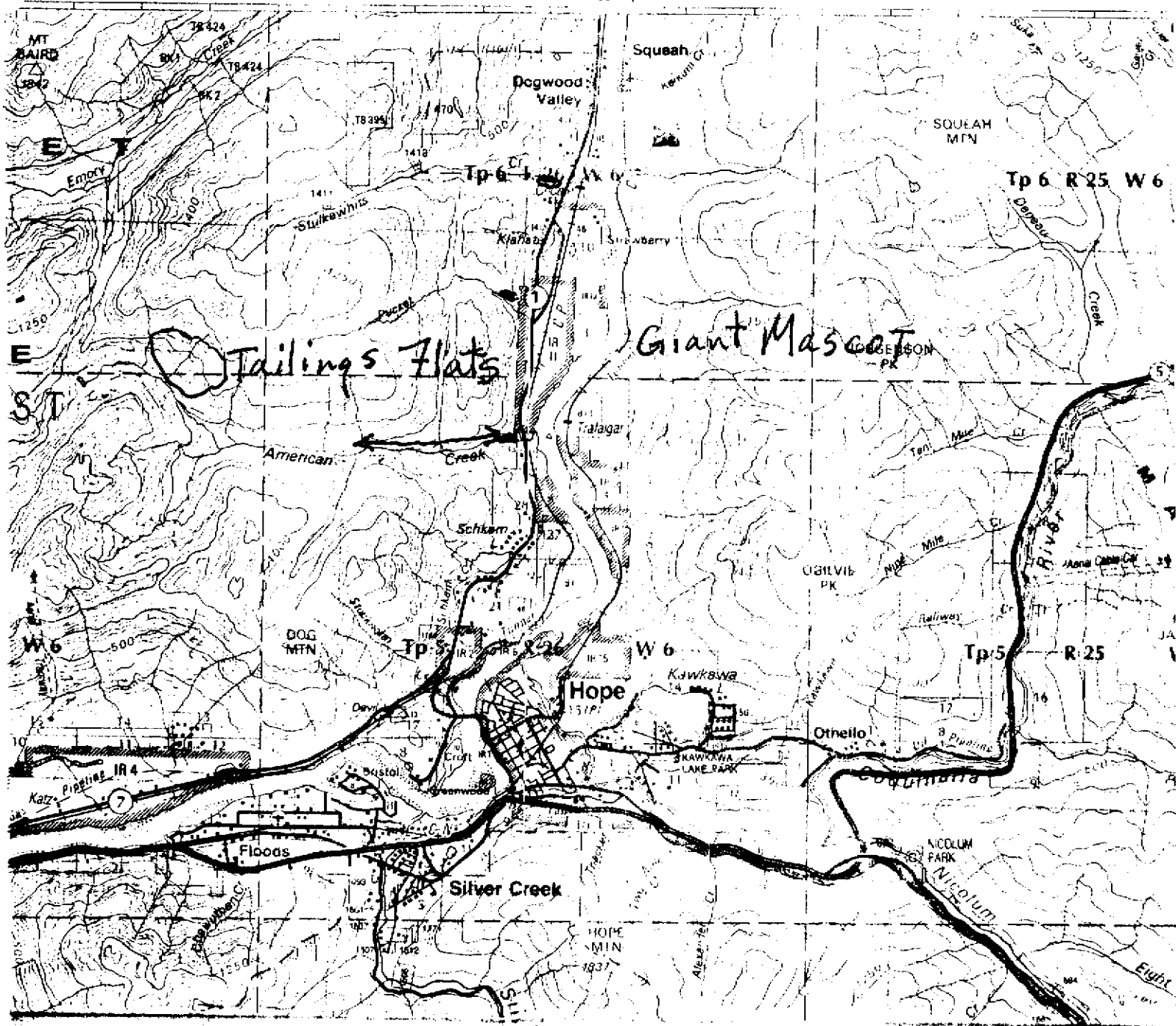
Duchmans Bar

Chapman's

Chapman's

Spuzzum

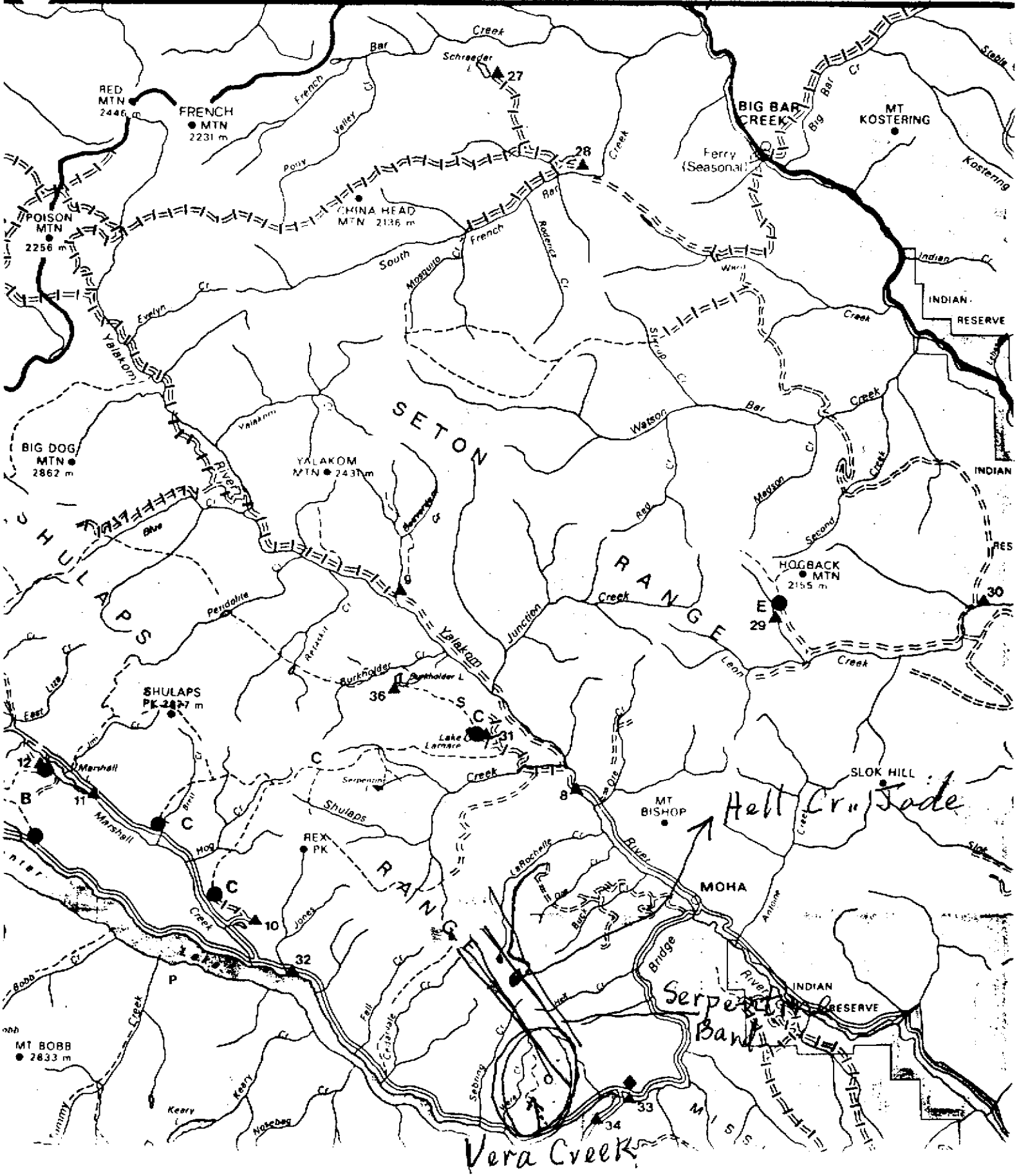
04 05 06 To the 8 km To Yale 30'



92 H SW
1:100,000

Hell Creek Jade & Vera Creek Serpentines cross head of Vera Creek

BCFS Recreation Map 1:250,000



**BRITISH COLUMBIA
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Name J.G. McDONALD Reference Number 1994 - P10

LOCATION/COMMODITIES

Project Area (as listed in Part A.) Arrow Lakes Minfile No. if applicable _____

Location of Project Area NTS _____ Lat _____ Long _____

Description of Location and Access Highways in the South Slokan cut areas where Sapphires are found. Logging roads access the West side of Arrow Lakes

Main Commodities Searched For Beryl, corundum (ruby, sapphire)

Known Mineral Occurrences in Project Area aquamarine, Beryl, corundum, ruby, sapphire

WORK PERFORMED

1. Conventional Prospecting (area) > 600 km
2. Geological Mapping (hectares/scale) minimal
3. Geochemical (type and no. of samples) _____
4. Geophysical (type and line km) _____
5. Physical Work (type and amount) prospect creeks, ~~1~~ Long wave UV
6. Drilling (no. holes, size, depth in m, total m) _____
7. Other (specify) _____

SIGNIFICANT RESULTS (if any)

Commodities Tungston Claim Name _____

Location (show on map) Lat _____ Long _____ Elevation _____

Best assay/sample type ± 3% Long wave UV

Description of mineralization, host rocks, anomalies gneisses were prospected for corundum. Pegmatites for beryl & garnets

Supporting data must be submitted with this TECHNICAL REPORT.

16 SEP - 2 OCT 94

South Slocan and Passmore

Dave Javorsky reported clear Saphires panned from the Slocan River 1 Km north of Hwy #3 at Crescent Valley. This area is a public beach. One night was spent using a long wave UV lamp as 90% of Saphires floresce (blue doesn't).

No florescent material was noted.

PASSMORE - home was 5 miles north of Winlaw, 20 Km from Passmore. One day and 2 evenings were spent roadside and along the Slocan River. Several seams parallel to the garnet schist floresced yellow nodules. One pebble sample from the Slocan River floresced orange. Both could indicate saphire. Sample has yet to be identified.

Bonanza Saphires have been found in other locations as nodules in a Kaolin (weathered feldspars). Several clay banks were dug using a garden trowel. No results.

Arrow Lakes (Nakusp) - north from Nakusp and across the ferry at Galena Bay. The first night was spent at Eagle Bay. The UV Lamp floresced the rock in the bay blue - white. The material appears to be Tungston (+/- 3%). The location of the response was at the shoreline at the center of the bay.

Pingston Lake, Pingston Creek, Big Ledge property - garnet rich concentrates were saved for further work as there was much transparent material coloured, red, orange, pink, and green. The green material was not identified as yet.

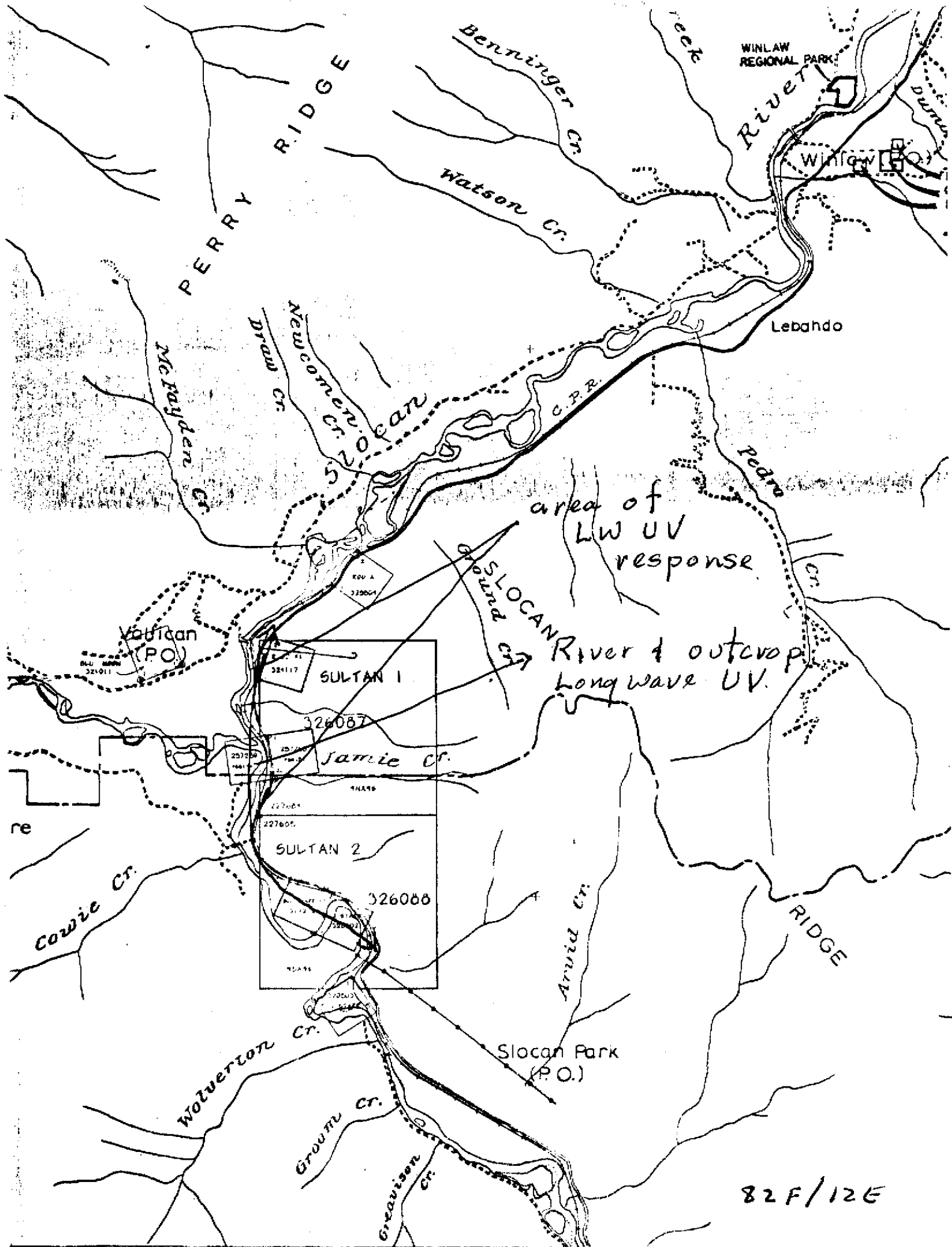
Mosquito Creek to Fosthall Cr - prime mushroom area (made < \$100.00). Mushrooms seem to appear first along the creek sides due to misting.

East Mosquito Creek - creek at 6 Km drains pre cambrian rocks. Thorium and uranium minerals were found by local prospectors about 20 years ago, and large beryl crystal was found. First look appears to have found some small beryl crystals.

Typical prospecting methods were to consolodate several panned concentrates and also to screen larger samples for > 1 cm, using a galvanized screen obtained from a hardware store.

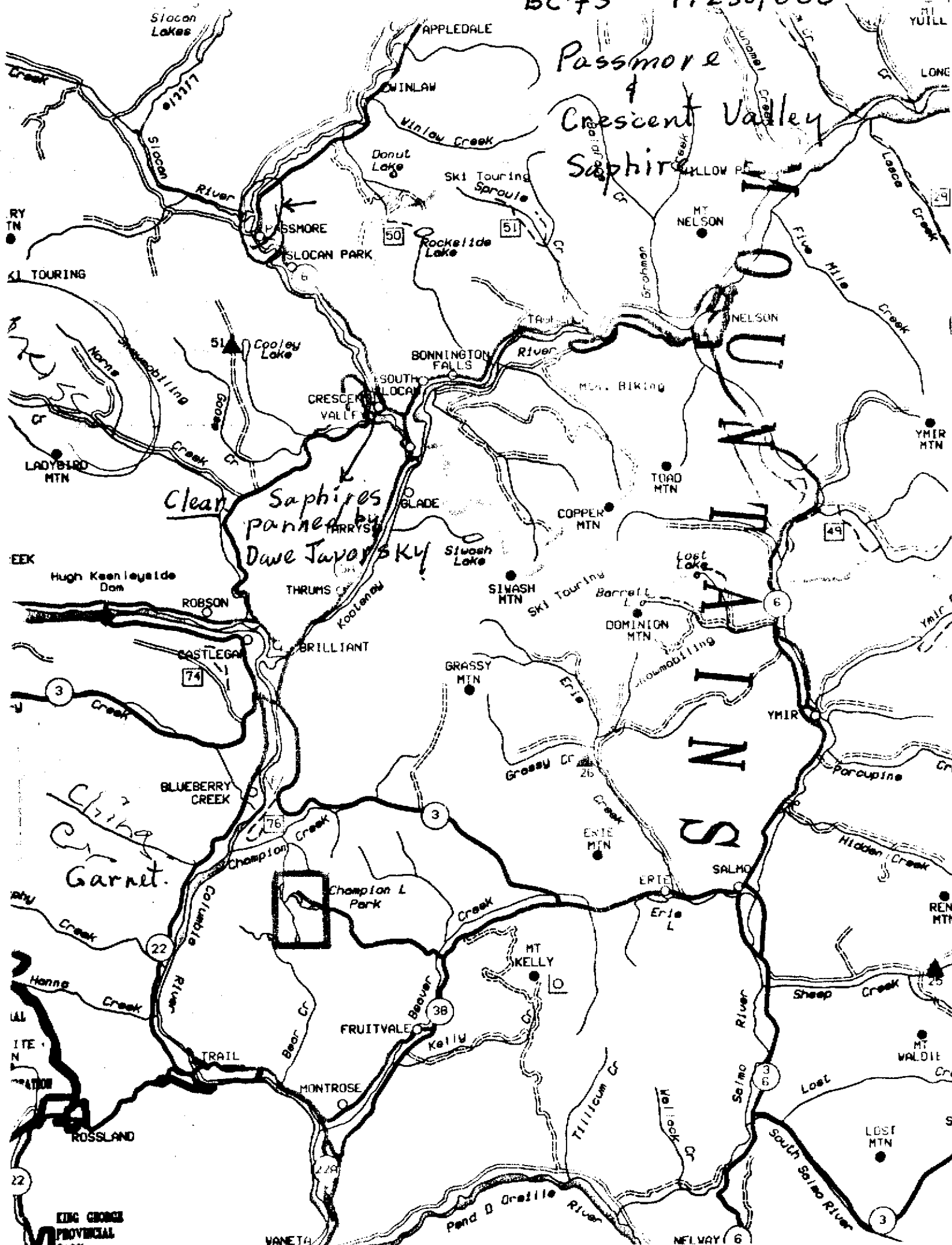
Trout Lake - 1978 silver showing was revisited. The showing was found by random digging in the road side and assayed > 650 gm/mt Silver. The vein was traced for 600 meters cutting across Broadview Creek.

3 MAPS (BCFS Recreation Maps 1 : 250,000)



82F/12E

Passmore & Crescent Valley Sapphire



Clean Saphires
panned by
Dave Taylor's Sky

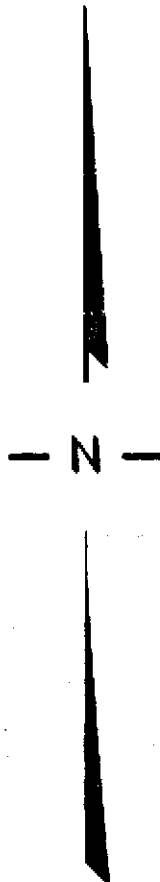
Chasing
Garnet



samplespanned

LEGEND

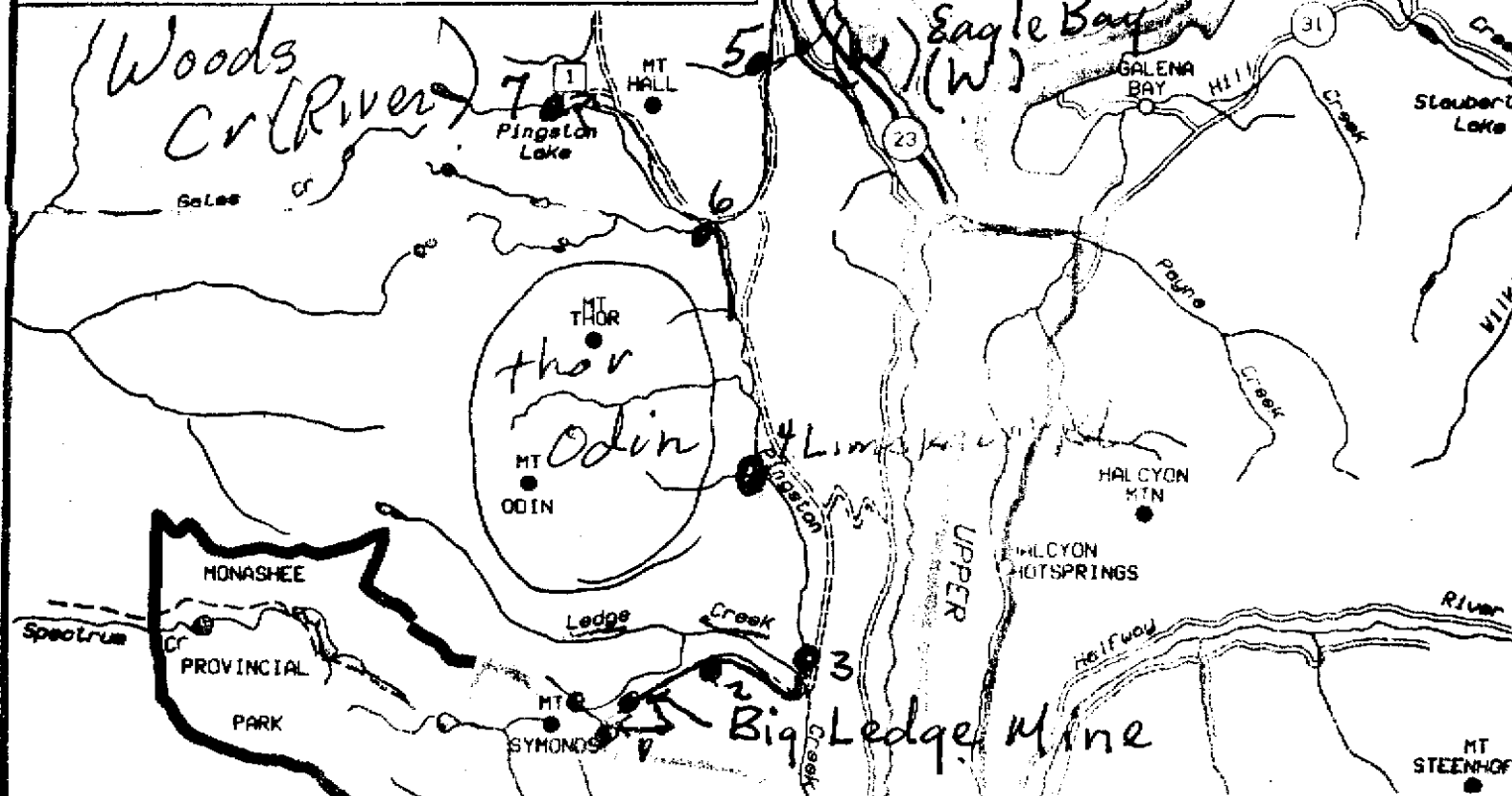
- PAVED ROAD
- GRAVEL ROAD
- ROUGH ROAD
- VERY ROUGH ROAD
- TRAIL
- GATE
- ROAD IMPASSABLE
- FOREST SERVICE OFFICE
- RECREATION SITE
- POINT OF INTEREST
- VIEW POINT
- LOOKOUT
- MANAGED TRAIL
- MOUNTAIN
- COMMUNITY

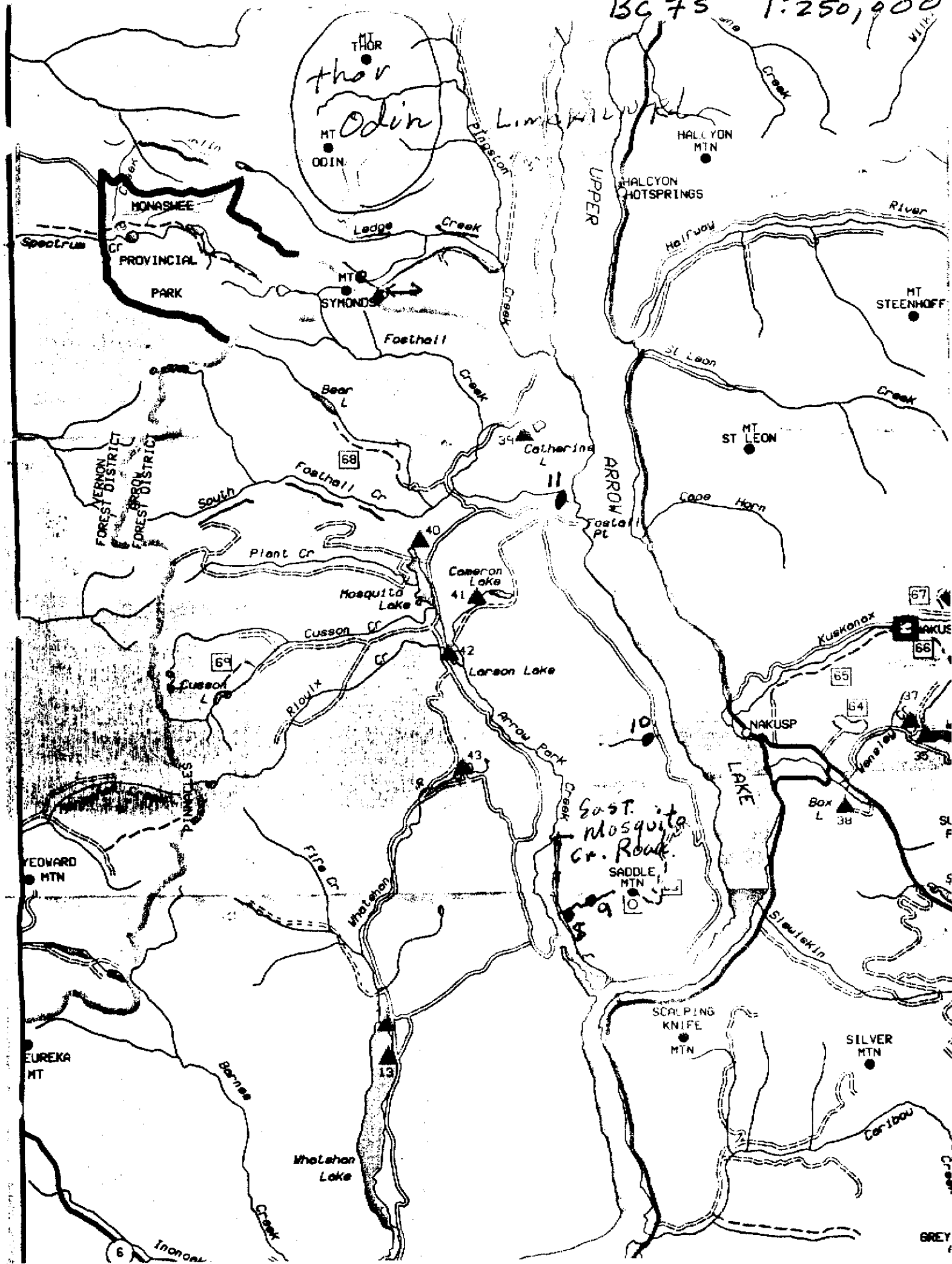


Garnet

Kilometres

MARCH 1984





thor
Odin

Saddle Mt

MONASHEE
PROVINCIAL
PARK

VERNON
FOREST DISTRICT
SPECK
FOREST DISTRICT

East Mosquito
Cr. Road

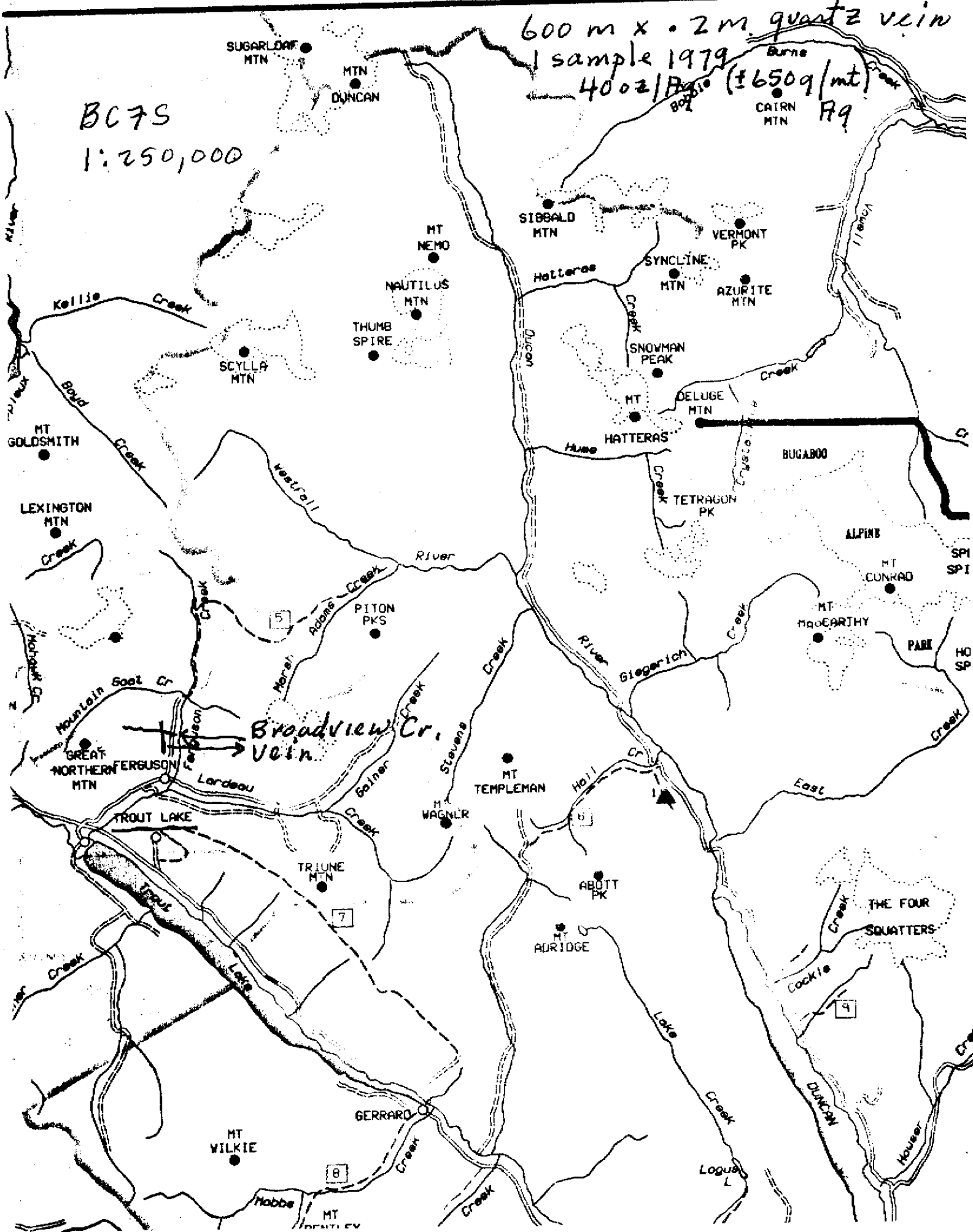
6 Inondal

GREY

Broadview Creek

600 m x .2 m quartz vein
1 sample 1979
4002/Ag¹⁰ (±650g/mt) Ag

BC7S
1:250,000





Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

Form 100 (Rev. 1992)

TYPE OF REPORT/SURVEY(S)

Prospecting

\$4,900.00

AUTHOR(S) J. G. McDOWALD

SIGNATURE(S)

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED 15 AUG 15 Sep 94 YEAR OF REPORT 1994

PROPERTY NAME(S) Bird 1, 6, 7, 8, 10

COMMODITIES PRESENT Av

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION Hillcoet

NTS 9256E & 7W

LATITUDE 50°16'N

LONGITUDE 123°00'

NAMES and NUMBERS of all mineral tenures in good standing (even work was done) that form the subject of this report (12 units), PHOENIX (Lot 1706), Mineral Lease M 123, Mining or Certified Mining Lease ML 12, etc. (if applicable)

Bird (313782) Bird 1 (320677) Bird 6 (321477)
Bird 7 (325523) Bird 8 (325524) Bird 10 (325525)

OWNER(S)

(1) J. McDOWALD
T. Schofield

MAILING ADDRESS

PO Box 48444 VANCOUVER BC
Stn Bentall V7X 1A2

OPERATOR(S) (that is, Company paying for the work)

(1) J. McDOWALD

MAILING ADDRESS

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude)

Granite greisen intruded North-South
felsic volcanics

REFERENCES TO PREVIOUS WORK

1991 Noranda (Unpublished)
Ass reports 19, 494, 7648, 6976

PROSPECTING REPORT

BIRD GROUP (3048015 11 MAR 94)

Rutherford Creek Area

Lillooet Mining Division

NTS 92J/6E & 7W

Lat 50° 16' N Long 123° 00' W

UTM 10 5568061 490505

by J McDonald

| Claim Name | Record Number | Units | Expiry |
|------------|---------------|-------|-----------|
| Bird | 313782 | 1 | 22 SEP 95 |
| Bird 1 | 320677 | 4 | 20 AUG 95 |
| Bird 6 | 321477 | 4 | 6 OCT 95 |
| Bird 7 | 325523 | 1 | 1 MAY 95 |
| Bird 8 | 325524 | 1 | 1 MAY 95 |
| Bird 10 | 325525 | 1 | 1 MAY 95 |

Owners: J McDonald, T. Schofield

Operator: J McDonald

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Introduction

BC Forest Service Recreation Map 1 : 250,000

Claim Map - unusuable

Redrawn Claim Map

Previous work

Property Description

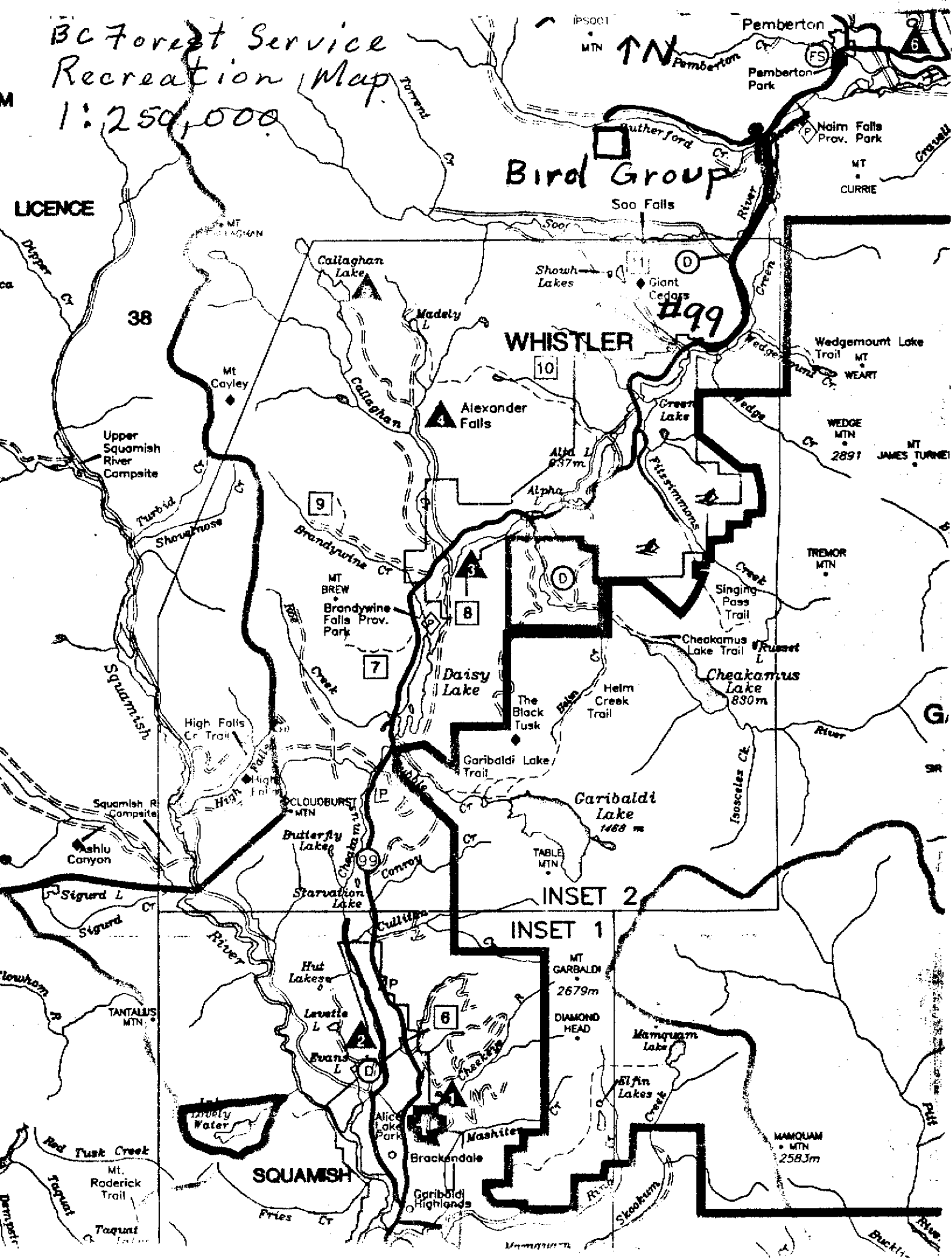
Procedures

Statement of Costs

Qualifications

Results 1:5,000 (Noranda Geology Map)

BC Forest Service Recreation Map 1:250,000



LICENCE

38

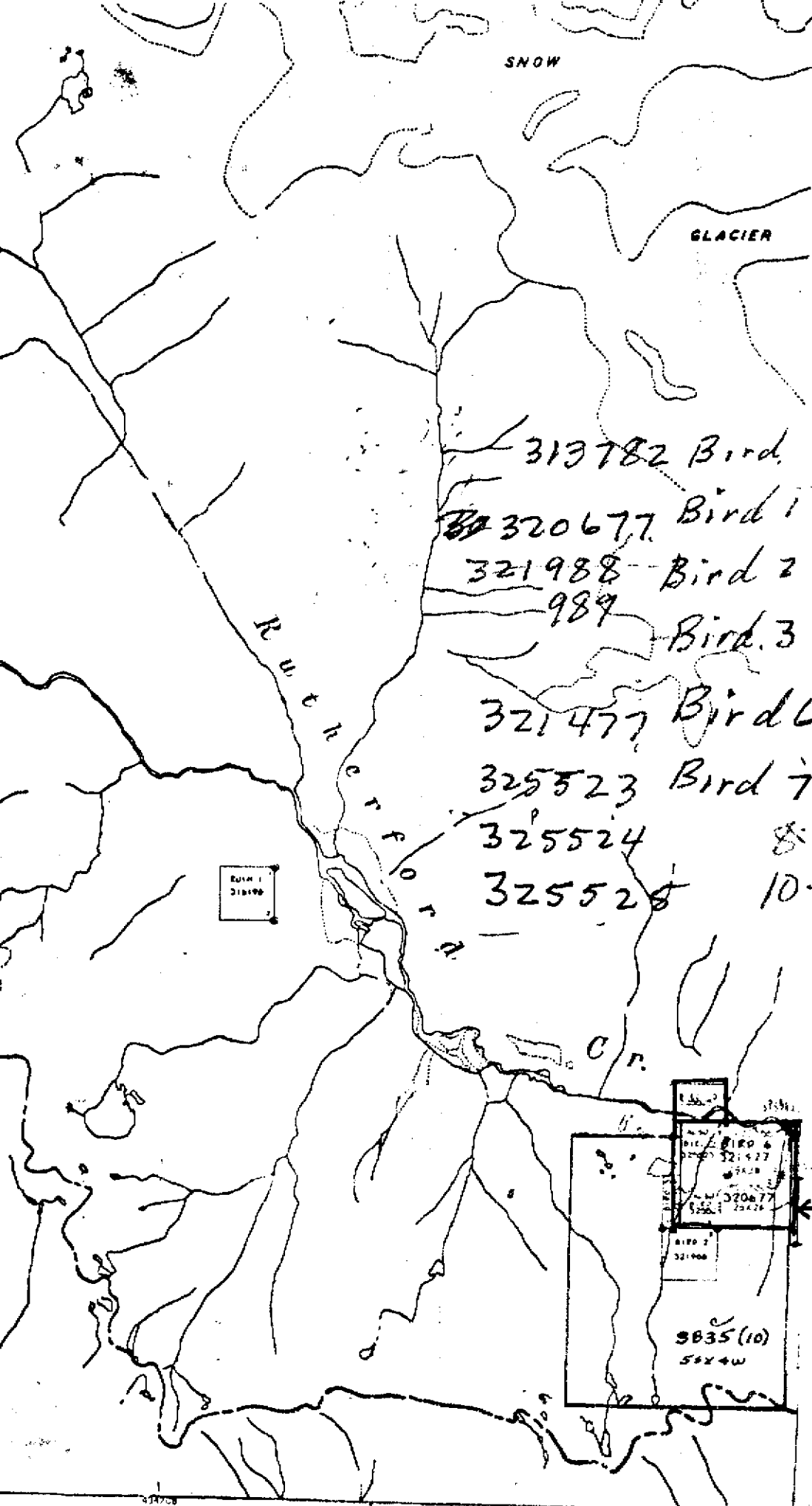
Bird Group

WHISTLER

INSET 2

INSET 1

SQUAMISH



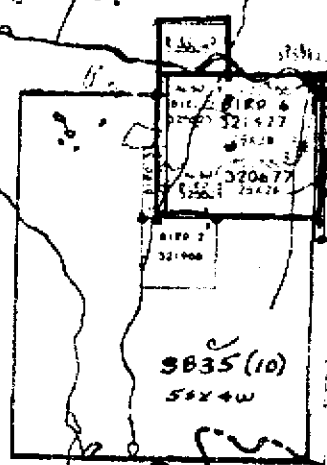
CONDITIONAL AREAS
 SUBJECT TO CONDITIONS IN
 SECTION 19 RECREATION ARE
 POST CLAIM AREAS
 AREAS SUBJECT TO
 URANIUM / THORIUM
 REGULATIONS

MINERAL TENURE

- MINERAL CLAIM
- MINERAL LEASE
- INDUSTRIAL MINERAL CLAIM
- TITLE NUMBER
- OLD TITLE NUMBER
- TAQ NUMBER
- LEGAL POST
- WITNESS POST
- FORFEITED TENURE
- REVERTED CLAIM
- CLAIM GRANTED
- STAKING
- REV CO

313782 Bird 22 Sep
~~320677~~ Bird 1 20 AUG 93
 321988 Bird 2 } 21 Oct 94
 989 Bird 3 }
 321477 Bird 6 6 Oct 94
 325523 Bird 7 1 May 95
 325524 8 1 May 95
 325528 10 1 May 95

Block 31899



Bird Group detail on next map.

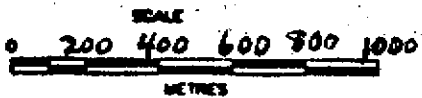
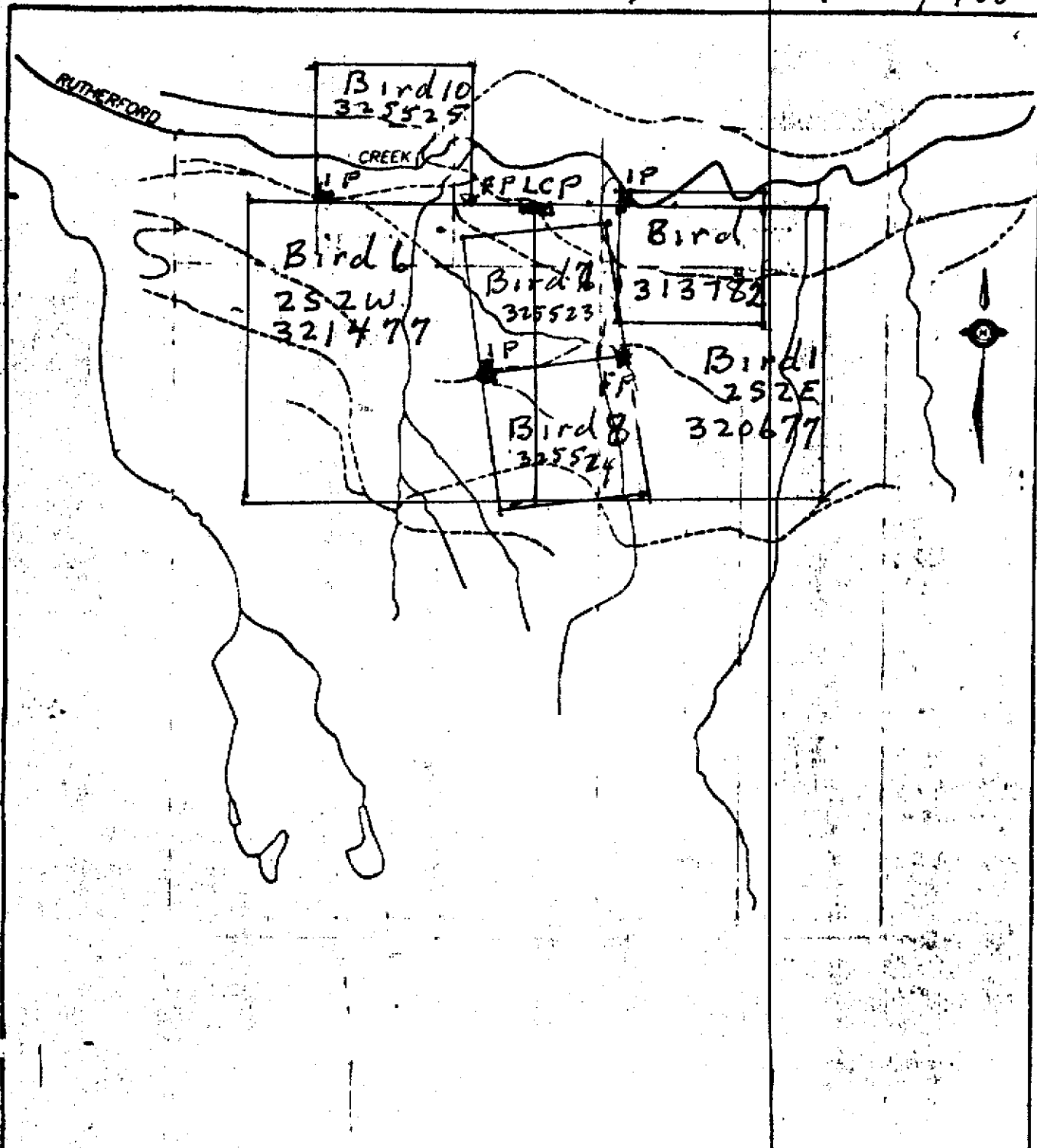
| | | |
|--------|--------|--------|
| 092J06 | 092J07 | 092J08 |
| 092J09 | 092J10 | 092J11 |
| 092J12 | 092J13 | 092J14 |

INDEX TO ADJOINING MAPS

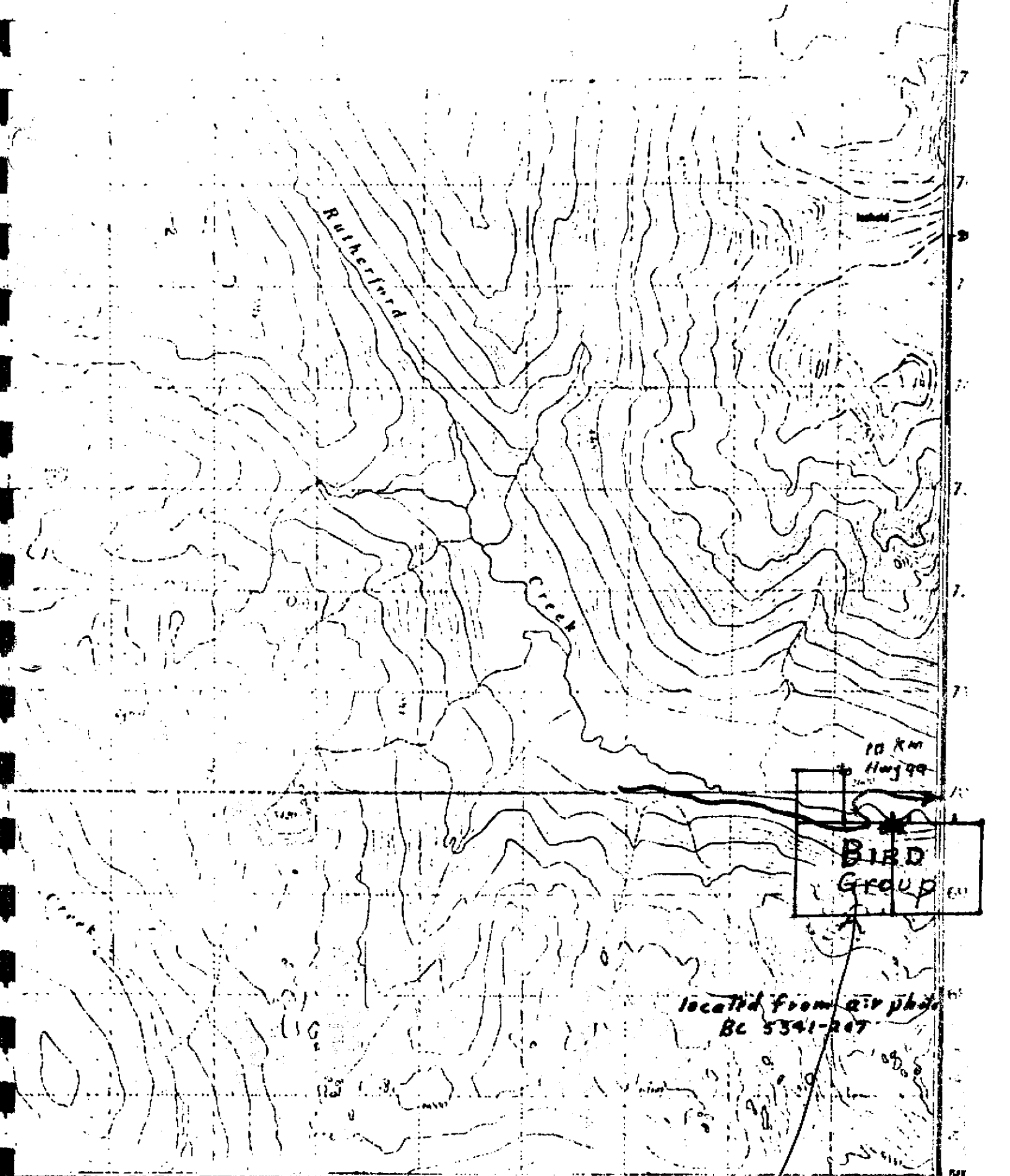
92J/6E 92J7W 092J06E

92J/6E

92J/7W



| | |
|---|----------------|
| BIRD | |
| GROUP | |
| LILLOET MINING DIVISION, B.C. NTS: 92J/6E, 7W | |
| CLAIM MAP | |
| BY: | DATE: 7 Oct 94 |
| FIGURE: | |



Rutherford
Creek

Creek

10 Km
to Hwy 99
**BIRD
GROUP**

located from air photo
BC 5341-207

92 93 05' 95 97 99 123 00'

Scale 1:50,000
92J 6 E

92J
TW.

INTRODUCTION

The Bird Group is reached by a logging road 12 Km along the north side of Rutherford Creek 10 Km south of Pemberton on Hwy #99. The LCP for the Bird 1 & 6 is located across the bridge at 12 Km and 1 Km east on the south side of the creek. The Bird claims cover a 1 by 2 Km gold soils anomaly found in 1978. The present owner has been involved continuously since 1982

The elevation of the north claim boundary is 700m. Logging roads parallel the north and south boundaries. Other logging roads cut NW to SE 500 meters upslope and crosses east and west through the center, exposing considerable rock outcrop. The area was logged and replanted since 1980. Balsam and spruce are the dominant species.

The gold geochem anomaly extends 1 Km east of the bridge and 2 Km south up a 30° slope. Work proposed for 1994 was a percussion drill program (permits in place) to give a volume and near surface gold profile. Diamond drilling was previously expensive and recovery was poor.

Work actually carried out was soil and silt sampling, panned concentrates, and test pitting to pin down the gold geology. Water was scarce and the steep slopes made sampling slow. Assays were paid for by Noranda. Results indicate gold anomalies occur throughout the intrusive and volcanics.

PREVIOUS WORK

OCT 1978 - Assessment report 6976. grid and geology - J McGoran

JUN 79 -Assessment report 7648. Au/Ag/Cu geochem. 15% of samples were over 100 ppb gold.

MAY 87 - Castle Minerals Prospectus. \$75,000 spent to check and compile previous work

OCT 89 - Castle Minerals - Assessment Report 19,494 - 213 meters of Aq core. Recovery was extremely poor.

OCT 91 - Noranda - unpublished - \$50,000 . Geology, geophysics, geochem for Au, Ag, Zn, Cu, Pb. Recommends further work

OCT 94 - J McDonald. Geochem, silts, panned concentrates, test pitting

PROPERTY DESCRIPTION

A greisen, identified by Mike Bradley (BP Selco - 1987) intrudes north - south shattered and altered felsic volcanics. Contouring of previous gold soil sample results defined a north - south gold zonation. The core of the gold soil results is a 200 meter \geq 600 ppb Au wide band that straddles a creek flowing north and cutting both the volcanics and the intrusive. On the east and west is a \geq 300 ppb Au trend. To the east and west is a well defined trend \geq 1000 ppb Au. Throughout this trend occur Au \geq 100 ppb. The total area is 1 by 2 Km.

1994 work consisted of 50 soil, silt, and panned concentrate samples. Test pits were dug, typically 15 cm to 60 cm in areas of previous high geochem. Some gold flakes were panned.

PROCEDURE

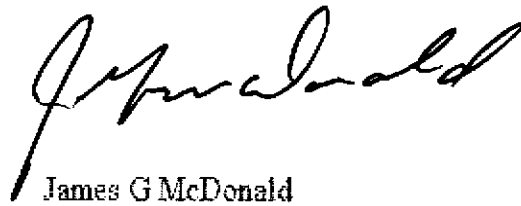
All soils were collected from the 'E' horizon and analyzed by Noranda by standard ICP techniques for gold only. Silts and panned concentrates were also analyzed by Noranda using ICP for 31 elements.

DISCUSSION

All samples returned gold valued. Percussion drilling seems the most reasonable next step.

STATEMENT of QUALIFICATIONS

I, James G McDonald, of Vancouver have practised my trade as a prospector since 1971

A handwritten signature in black ink, appearing to read 'James G McDonald', written in a cursive style. The signature is positioned above the printed name.

James G McDonald

NORANDA DELTA LABORATORY
Geochemical Analysis

PROPERTY/
LOCATION: **WREN**

CODE: 9406-004

Project No.: 45527
Material: 30 Soils
Remarks:

Sheet: 1 of 1
Geol.: GG

Date received: JUNE 06
Date completed: JUNE 09

Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

| T.T. No. | SAMPLE No. | Au PPB |
|----------|------------|--------|
| 2 | P 94-1 | 45 |
| 3 | 2 | 60 |
| 4 | 3 | 95 |
| 5 | 4 | 85 |
| 6 | 5 | 65 |
| 7 | 6 | 40 |
| 8 | 7 | 65 |
| 9 | 8 | 30 |
| 10 | 9 | 60 |
| 11 | 10 | 40 |
| 12 | 11 | 30 |
| 13 | 12 | 5 |
| 14 | 13 | 35 |
| 15 | 14 | 25 |
| 16 | 15 | 205 |
| 17 | 16 | 45 |
| 18 | 17 | 70 |
| 19 | 18 | 60 |
| 20 | 19 | 45 |
| 21 | 20 | 95 |
| 22 | 21 | 15 |
| 23 | 22 | 15 |
| 24 | 23 | 60 |
| 25 | 24 | 120 |
| 26 | 25 | 55 |
| 27 | 26 | 260 |
| 28 | 27 | 25 |
| 29 | 28 | 35 |
| 30 | 29 | 85 |
| 31 | P 94-30 | 45 |

Jim MacDONALD

in quartz

sample dugged off
with Graham Gill

WREN VMS Target
Pemberton area.

Jim MacDONALD

P.O. 48144
Potter Station Bentall
Vancouver, B.C.
17X1A2

copy sent to
MacDonald
July 1/94