



| | |
|--------------------------|------------|
| TYPE OF REPORT/SURVEY(S) | TOTAL COST |
| Prospecting Report | \$3,142 |

AUTHOR(S) Larry D. Lutjen SIGNATURE(S) [Signature]

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED ... November ... YEAR OF WORK 1989

PROPERTY NAME(S) Lost Lightning Peak Mine

COMMODITIES PRESENT Gold, silver, lead, zinc, and silica

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

MINING DIVISION Vernon Division NTS 82E/15E

LATITUDE 49° 58' LONGITUDE 118° 40'

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

Lost Lightning Peak Mine

OWNER(S)

(1) Larry D. Lutjen (2)

MAILING ADDRESS

RR1-B12-S11

Chase, B.C.

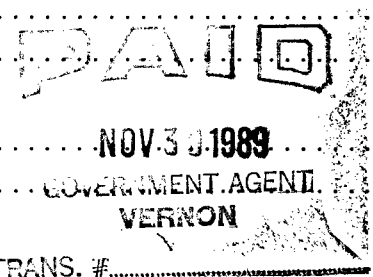
VOE-1MO

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

(1) (Same.) (2)

MAILING ADDRESS

(Same.)



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

Triassic Okanagan Plutonic rocks comfortably (?) overlain by Jurassic Nelson Plutonic rocks. The Okanagan sequence probably (?) represents a high order metamorphosed sedimentary basin which has been interjected by Nelson Volcanics.

REFERENCES TO PREVIOUS WORK ... (unknown)

| TYPE OF WORK IN THIS REPORT | EXTENT OF WORK (IN METRIC UNITS) | ON WHICH CLAIMS | COST APPORTIONED |
|---|----------------------------------|--------------------------------|--------------------|
| GEOLOGICAL (scale, area) | | | |
| Ground | ..... | ..... | ..... |
| Photo | ..... | ..... | ..... |
| GEOPHYSICAL (line-kilometres) | | | |
| Ground | | | |
| Magnetic | ..... | ..... | ..... |
| Electromagnetic | ..... | ..... | ..... |
| Induced Polarization | ..... | ..... | ..... |
| Radiometric | ..... | ..... | ..... |
| Seismic | ..... | ..... | ..... |
| Other | ..... | ..... | ..... |
| Airborne | ..... | ..... | ..... |
| GEOCHEMICAL (number of samples analysed for) | | | |
| Soil | ..... | ..... | ..... |
| Silt | ..... | ..... | ..... |
| Rock | ..... | ..... | ..... |
| Other | ..... | ..... | ..... |
| DRILLING (total metres; number of holes, size) | | | |
| Core | ..... | ..... | ..... |
| Non-core | ..... | ..... | ..... |
| RELATED TECHNICAL | | | |
| Sampling/assaying | ..... | ..... | ..... |
| Petrographic | ..... | ..... | ..... |
| Mineralogic | ..... | ..... | ..... |
| Metallurgic | ..... | ..... | ..... |
| PROSPECTING (scale, area) | 2.5km South by 2km East | Lost Lightning Peak Mine Claim | \$3,149 |
| PREPARATORY/PHYSICAL | | | |
| Legal surveys (scale, area) | ..... | ..... | ..... |
| Topographic (scale, area) | ..... | ..... | ..... |
| Photogrammetric (scale, area) | ..... | ..... | ..... |
| Line/grid (kilometres) | ..... | ..... | ..... |
| Road, local access (kilometres) | ..... | ..... | ..... |
| Trench (metres) | ..... | ..... | ..... |
| Underground (metres) | ..... | ..... | ..... |
| | | | |
| | | | |
| | | | |
| | | | TOTAL COST \$3,149 |

| FOR MINISTRY USE ONLY | NAME OF PAC ACCOUNT | DEBIT | CREDIT | REMARKS: |
|--------------------------------|---------------------|-------|--------|-------------------|
| Value work done (from report) | | | | |
| Value of work approved | | | | |
| Value claimed (from statement) | | | | |
| Value credited to PAC account | | | | |
| Value debited to PAC account | | | | |
| Accepted | Rept. No. | | | Information Class |
| Date | | | | |

| | |
|--------------|-----|
| LOG NO: 1205 | RD. |
| ACTION: | |
| FILE NO: | |

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,369

Lost Lightning Peak Mine
 Location Map
 November 1989
 Dwn by: Barnes Creek Minerals

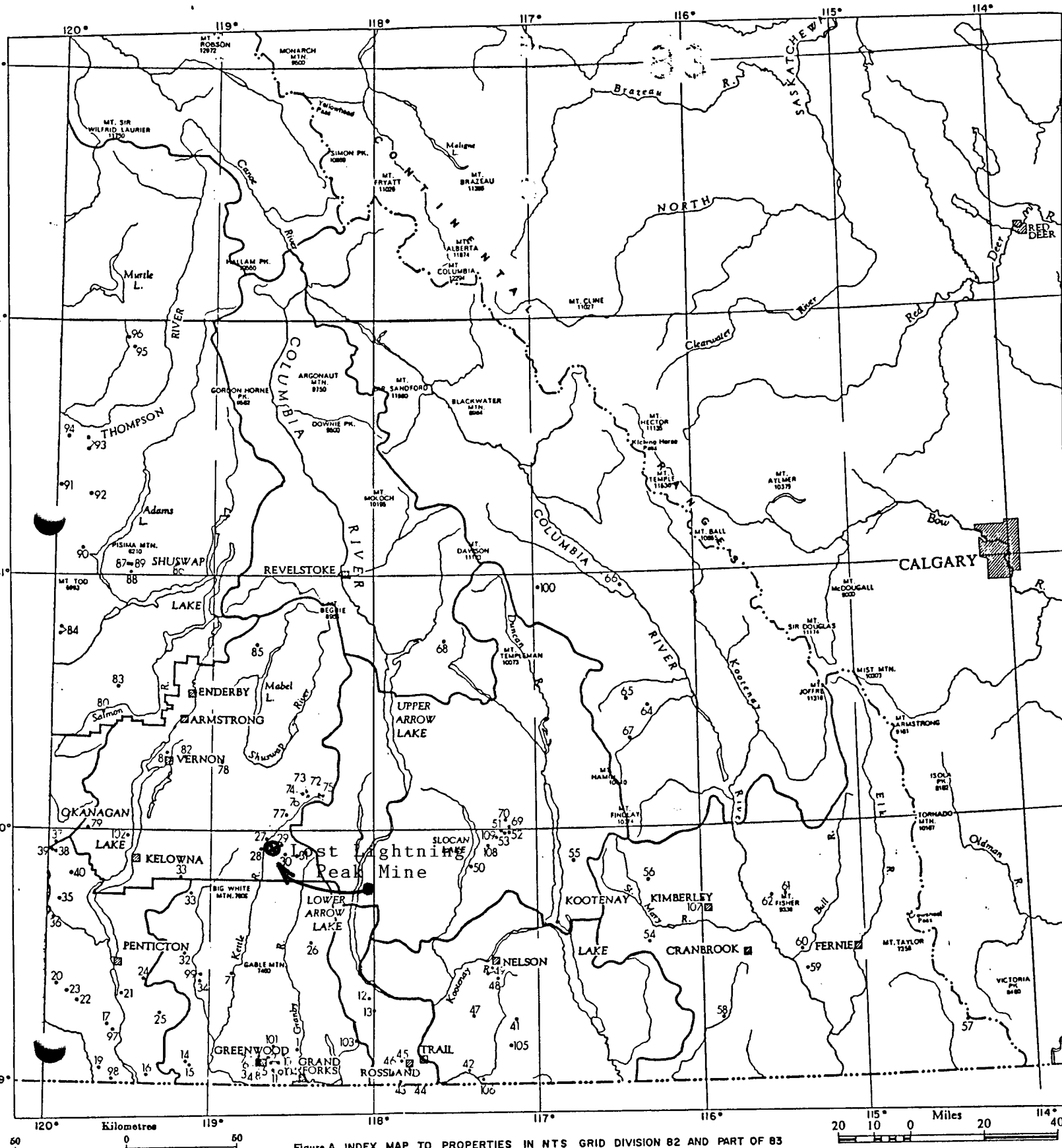
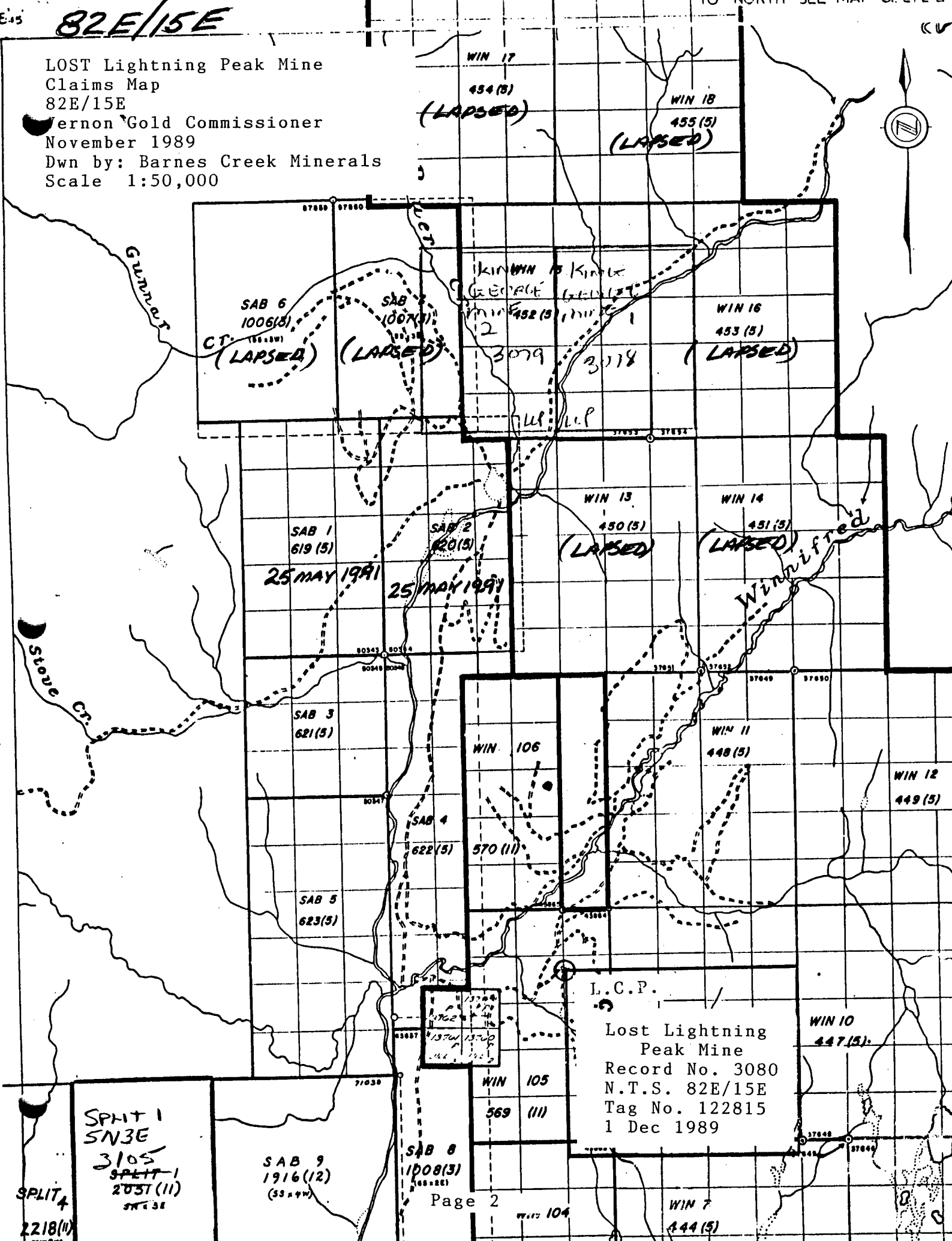


Figure A. INDEX MAP TO PROPERTIES IN NTS GRID DIVISION 82 AND PART OF 83

82E/15E

LOST Lightning Peak Mine
 Claims Map
 82E/15E
 Vernon Gold Commissioner
 November 1989
 Dwn by: Barnes Creek Minerals
 Scale 1:50,000



WIN 17
 454 (5)
 (LAPSED)

WIN 18
 455 (5)
 (LAPSED)

SAB 6
 1006 (5)
 (LAPSED)

SAB 7
 1007 (5)
 (LAPSED)

WIN 16
 453 (5)
 (LAPSED)

WIN 15
 452 (5)

3079 3118

SAB 1
 619 (5)

SAB 2
 620 (5)

WIN 13
 450 (5)
 (LAPSED)

WIN 14
 451 (5)
 (LAPSED)

25 MAY 1991

25 MAY 1991

Winnifred

SAB 3
 621 (5)

WIN 106

WIN 11
 448 (5)

WIN 12
 449 (5)

SAB 4
 622 (5)

570 (11)

SAB 5
 623 (5)

L.C.P.

Lost Lightning
 Peak Mine
 Record No. 3080
 N.T.S. 82E/15E
 Tag No. 122815
 1 Dec 1989

WIN 10
 447 (5)

13704
 13702
 13701
 13700
 13699
 13698

WIN 105
 569 (11)

SAB 9
 1916 (12)
 (53-94)

SAB 8
 1908 (5)
 (43-88)

WIN 104

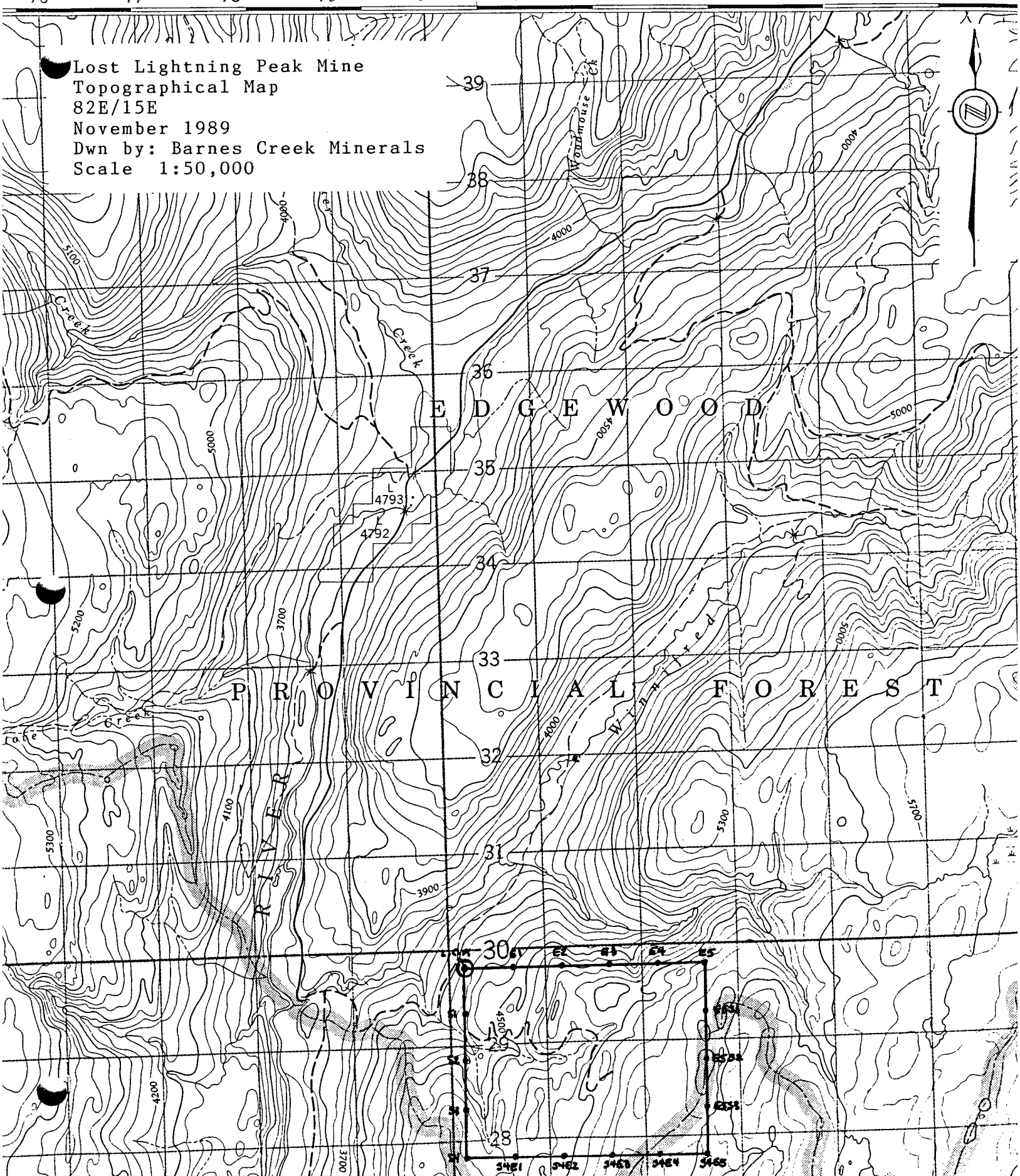
WIN 7
 444 (5)

SPLIT 1
 SN3E
 3105
 SPLIT 1
 2051 (11)
 SPT 3E

SPLIT 4

2218 (11)

Lost Lightning Peak Mine
Topographical Map
82E/15E
November 1989
Dwn by: Barnes Creek Minerals
Scale 1:50,000



Claim Description

- The Lost Lightning Peak Mine claim consists of 20 units in the modified grid system. Five East by four South in the lower Kettle River area. The claim is located in the Vernon Mining Division on NTS map 82E/15E. It was recorded on 1 December 1988 on tag no. 122815. The locator was Larry D. Lutjen; RR1-Box12-S11; Chase, B.C.; VOE-1M0. The record number of the claim is 3080.

Location and Access

- The Lost Lightning Peak Mine is located in the lower Kettle River area. The claim is accessible by good logging road (Linegoat Creek logging road), located East of the Monoshee Pass. From Vernon take highway #6 to the Monoshee Pass. Once through the pass look for the Spruce Grove Restruant on the right hand side of the road. Just passed the Spruce Grove (100m) on the right is the Linegoat Creek logging road. Take the Linegoat Creek logging road to the Winnfred Creek bridge. Cross the bridge and proceed .3km to unnamed access road on your left. Take the access road East for 2.2km and the Lost L-Lightning Peak Mine L.C.P. will be on the West side of the road.

Geology

- To the West of the Lost Lightning Peak Mine claim in the Kettle River Valley is one of two outcrops of Triassic Okanagan Plutonic rocks. They consist of hornblende, minor shist, paragneiss, biotite gneiss, quartzite, and amphibotite, which probably represents the basement rocks of a highly metamorphosed sedimentary basin. At higher elevations to the East is the Nelson Plutonic Complex which is probably comfortably overlying the Okanagan Plutonic sediments(?). The Nelson Complex consists of late Jurrasic quartz diorite, gabbro, granite, minor diorite, granodiorite, amphibolite, and ultramafic rocks. Several outcrops of quartz diorite were encountered during the prospecting traverse of the Lost Lightning Peak Mine and are recorded on the detailed map of the traverse (enclosed).

Vegetation

- The lower levels (1250m) of the claim are a mixture of Fir, Cedar, and Birch. The latter especially around well irrigated locations. Abundant clusters of Devils Club and Vinealder occur in the stream beds of both Lightning Creeks (East and South). Once you get up to the higher elevations (1600m) the Fir and Cedar die-out and you get into Alpine forest of Balsam Fir and Spruce. Very few outcrops were outlined on this traverse due to massive overburden. Both creeks (East and South) run year-round and could be an excellent source for drilling.

Work Done (Field Notes 2-6 October 1989)

Day 1- Mobilized survey and drove to the (1250m) level of Lightning Creek and set-up camp. (see detailed traverse map)

Day 2- Traversed up Lost Lightning Peak Mine road in an attempt to locate the old works (unsuccessful).

Day 3- Traversed up Lightning Creek East to headwaters at (1600m) level. Located several outcrops of granodiorite possibly from the Nelson Batholith (?). Once again we could'nt locate the old works.

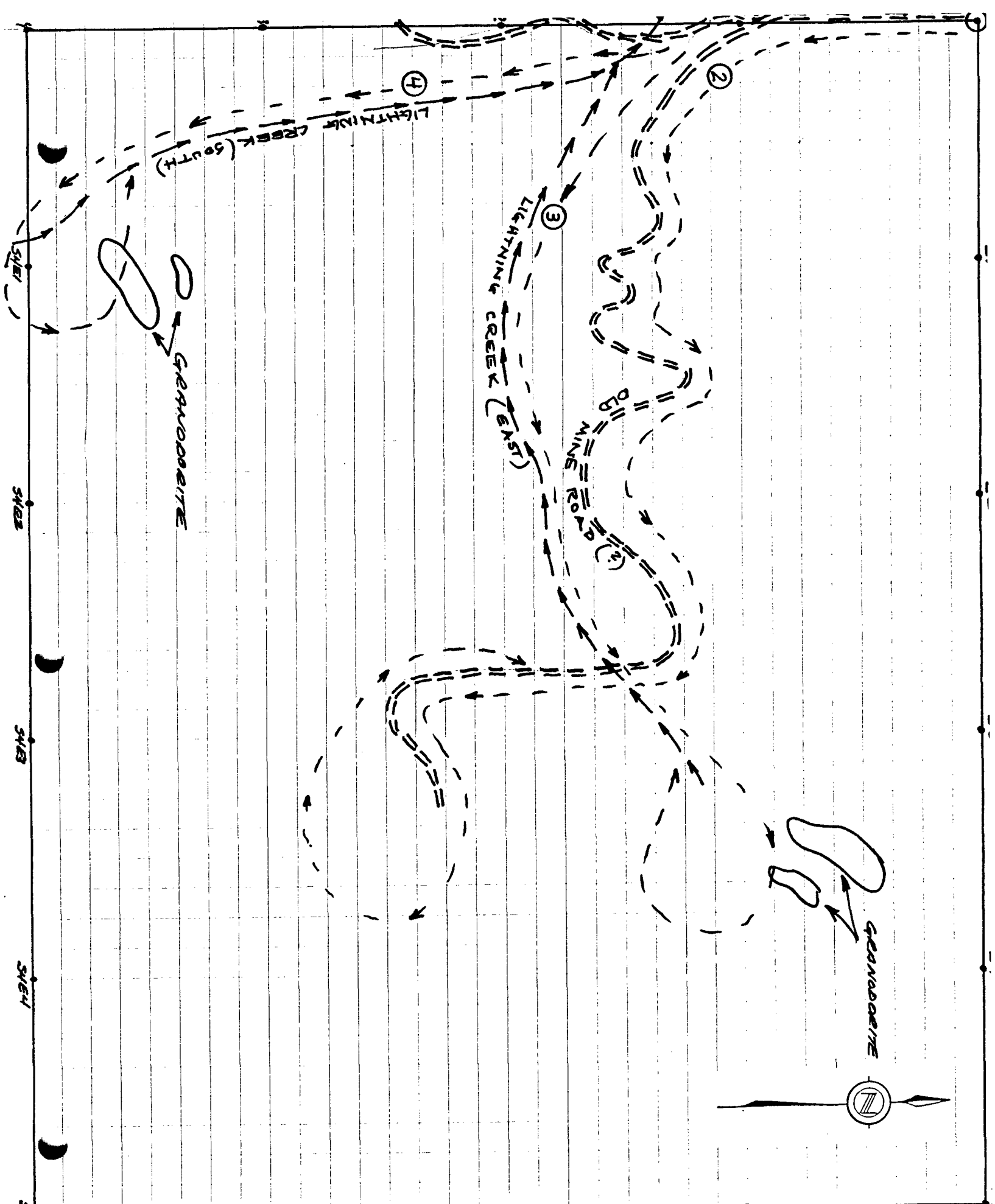
Day 4- Traversed up Lightning Creek South to the (1500m) level. Crossed the claim boundry but did'nt locate the old works. Mapped several outcrops of granodiorite as indicated on the traverse map.

Day 5- Broke camp and demobilized survey.

Statement of Costs

- L.D.Lutjen (Field Supervisor) 5 days at \$175 per day\$875
- D.Rawn (Field Technician) 5 days at \$150 per day\$750
- B.Y.Lutjen (Camp Cook) 5 days at \$125 per day\$625
- Camp Equipment Rental including cook tent, storage tent, sleeping tents, stove, lights, heater, utensils, ice-chest, tarps, etc. at \$225 per week.....\$225
- Food for 5 days\$126
- Field Supplies including topofoil, ribbon, pens, etc.\$ 79
- Transportation at \$.35 per km for 746km\$261
- Data Processing including typing, copying, etc.\$ 58
- Report Preparation 1 day at \$150 per day\$150

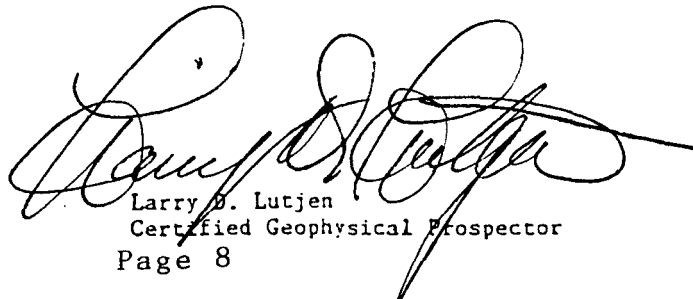
Total \$3,149



Qualifications

I Larry D. Lutjen of R.R. 1, Box 12, Chase, B.C. VOE IMO phone 679-8022, having graduated from the College of San Mateo, U.S.A. in 1965 (Degree in Electronics) have the following prospecting and related experience:

- 1958-1962 Surface and underground mining on the Hard Quartz mineral claim, Adin Mt. California (drilling, blasting, timbering, highgrading)
- 1963-1969 Prospecting with John Harden on the Warner Range (California), Lovelock Plateau (Nevada), and Shaffer Mountain (California) for Au, Ag, Hg, W, Mo, Cu, Zn, & Pb. Staked several claims in California and Nevada.
- 1972-1976 Geophysical prospecting with Frank Hall in the Scotch Creek area (British Columbia). Optioned several claims, Silver King, Silver Queen etc., (used horizontal & vertical loops at 1600 c.p.s., Sharpe SE 600 and self potential surveys)
- 1977-1980 Geophysical & geochemical prospecting in the Shuswap Lake and Adams Plateau area. (McPhar 800 magnetometer). Geophysically prospected the Lost Cabin Mine on Adin Mt., California for Lorcan Resources Ltd., resulting in a ten year option.
- 1981-1982 Geophysical & geochemical prospecting with J. A. Lutjen and R. D. Lodmell in the south central region of B.C. (McPhar 800 and S.P.). Staked 12 properties from Beaverdell to the Adams Plateau. Optioned Au-1 & Au-2 in Monashee Pass to Tylox Resources Ltd.
- 1982-1983 Received my geophysical certification from Malaspina College. Did a geophysical survey on Ground Hog Basin for Aurun Minerals Ltd. (Geonics 816-G Proton Mag. and EM-16 VLF-EM), including geochemical sampling, geophysical mapping and grid layout. Geochemical sampling and geological mapping for Tylox Resources Ltd. on the Au-1 & Au-2 claims in the Monashee Pass, B.C.
- 1983-1984 Geophysical survey on the Golden Eagle claims for MacKenzie Range Gold Inc., including mapping and interpretation. (Scintrex MF-2 Magnetometer, Sabre Model 27 VLF-EM, and S.P.). Geophysical and geochemical survey on the Golden Quartz 1-12 on Adin Mt. for MacKenzie Range Gold Inc. (Scintrex MF-2 and Sabre Model 27 VLF-EM).
- 1984-1985 Geophysical and geological surveys (80km) for Barnes Creek Minerals Corp., including mapping, profiles, contours and interpretation (Scintrex MF-2 Magnetometer, Sabre Model 27 VLF-EM and S.P.). Assessment report on the Otto claims (geophysical) on the Adams Plateau for M. Riley. Geochemical & geophysical survey (30km) for Noranda Exploration Ltd. on their Birk Creek Project. Geochemical and Geophysical survey (10km) for Noranda Exploration Ltd. on their London Ridge Project.
- 1985-1986 Geochemical and geophysical survey (20km) for Barnes Creek Minerals Corp. on their Golden Loon claim. Geochemical and geophysical survey (30km) for Lacana Mining Corporation on their Comstock property on the Adams Plateau. Assessment reports of the Golden Eagle I & II, Golden Loons I - IX, and Silver Weasel I & II for Barnes Creek Minerals Corporation.
- 1986-1987 50km geochemical and geophysical survey for Mineta Resources Ltd. on optioned Golden Loon claim. 10km geophysical survey for Barnes Creek Minerals Corp. on the Platinum Giant claim. 20km geochemical and geophysical survey on Lost Cabin claim for Westwego Resources Ltd. (Geometrics 816G proton magnetometer, Sabre mod.27 VLF/EM, and S.P.)
- 1987-1988 10km geochemical and geophysical survey for Westwego Resources Ltd. on the King George claims. 10km geophysical survey for Westwego Resources Ltd. on Lost Cabin claims. Assessment Reports for Barnes Creek Minerals Corp. Golden Skarn (40 units), Lost Lightning Peak Mine (20 units), and Golden Popes (40 units). (Geometrics 816G proton magnetometer, Sabre mod.27 VLF/EM, and S.P.)



Larry D. Lutjen
Certified Geophysical Prospector

MALASPINA COLLEGE

Statement of Course Completion

LARRY D. LUTJEN

has

Successfully Completed 180 Hours of Instruction
in

MINERAL EXPLORATION FOR PROSPECTORS

PRESENTED BY B.C. MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES
B.C. MINISTRY OF EDUCATION

APRIL 16 to 30, 1983 - MESACHIE LAKE, B.C.

MAY 2, 1983

Dated at Nanaimo,
British Columbia, Canada



[Signature]

Director / Dean

[Signature]

Registrar

[Signature]

Instructor



RECORD OF 4 POST CLAIM - MINERAL TENURE ACT

SECTION 23

MAP NO. 82E/15E

RECORD NO. 3080

MINING RECEIPT NO. 1000046

RECORDED AT VERNON

B.C. DATE OF RECORD December 1, 1988

DO NOT WRITE IN THIS SHADED AREA

GOLD COMMISSIONER

VERNON MINING DIVISION

APPLICATION TO RECORD A 4 POST CLAIM

LARRY D. LUTTEN NAME OF LOCATOR

AGENT FOR

NAME

RRI-812-SH ADDRESS

ADDRESS

CHASE, B.C.

679-8022 10E-1M0 TELEPHONE POSTAL CODE

TELEPHONE

POSTAL CODE

VALID SUBSISTING F.M.C. NO. 293196

VALID SUBSISTING F.M.C. NO.

FMC CODE LUTTEN

FMC CODE

hereby apply for a record of a 4 post claim for the location as outlined on the attached copy of mineral titles reference map

No. 82E/15 in the VERNON Mining Division.

ACCESS: Describe how you gained access to the location; include references to roads, trails, topographic features, permanent landmarks, and a description of the legal post location.

VERNON VIA HIGHWAY #6 TO MONSIEUR PASS, THENCE TO LOWER KETTLE RIVER FORESTED ROAD, THENCE TO THE WINNERED CREEK BRIDGE, THENCE 3 km TO UNNAMED LOGGING ROAD EAST, THENCE 2 km UP ROAD TO L.C.P. ON WEST

I have securely fastened the metal identification tag embossed "LEGAL CORNER POST" to the legal corner post or witness post and impressed this information on the tag:

IDENTIFICATION POSTS NOT PLACED

were ALL EXCEPT S1

LEGAL CORNER POST

TAG NO. 122815

because OF IMPOSSIBLE

CLAIM NAME LOST LIGHTNING PEAK MINE

TOPOGRAPHICAL CONDITIONS

LOCATOR LARRY D. LUTTEN

FMC NO. 293196

AGENT FOR SAME

FMC NO.

DATE COMMENCED 1 DEC 88

TIME 9:00 A.M.

DATE COMPLETED 1 DEC 88

TIME 10:30 A.M.

NUMBER OF CLAIM UNITS

N S 4 E 5 W

*If a witness post was placed for the legal corner post:

Bearing from witness post to true position of legal corner post

is _____ degrees,

at a distance of _____ metres.

Bearing from identification post to witness post

degrees, at a distance of _____ metres.

NOTE: Legal corner post can be witnessed only if it was not feasible to place any posts.

ACCESS

TAG INFORMATION

ACKNOWLEDGEMENT

I have complied with all the terms and conditions of the Mineral Tenure Act Regulation pertaining to the location of 4 post claims and have attached a plan of the location on which the positions of the legal corner post and all corner posts (and witness and identification posts if applicable) are indicated.

Signature of Locator [Handwritten Signature]

GOLD COMMISSIONER RECEIVED and RECORDED 1 DEC 14 1988 M.R. 1000046 \$220.00 VERNON, B.C.

RECORDING STAMP