85-87-14237

Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
Prospecting	$8,330.00

AUTHOR(S) L.D. Lutjen SIGNATURE(S) Larry D. Lutjen
R.D. Lodmell R.D. Lodmell

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED March 5, 1985 YEAR OF WORK 1984

PROPERTY NAME(S) Golden Loon I to IV Claim Group

COMMODITIES PRESENT Ni, Cr, Au, Ag

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

MINING DIVISION Kamloops NTS 92P/8

LATITUDE 51°25' LONGITUDE 120°17'

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)]:

Golden Loon I Record No. 5541, Golden Loon II Record No. 5542, Golden Loon III Record No. 5543 and Golden Loon IV Record No. 5544

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,237

OWNER(S)

(1) Larry D. Lutjen (2)

MAILING ADDRESS
R.R. 1, Site 11, Box 12
Chase, B.C. V0E 1M0

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

(1) Barnes Creek Minerals Corp. (2)

MAILING ADDRESS
R.R. 1, Site 11, Box 36
Chase, B.C. V0E 1M0

FILMED

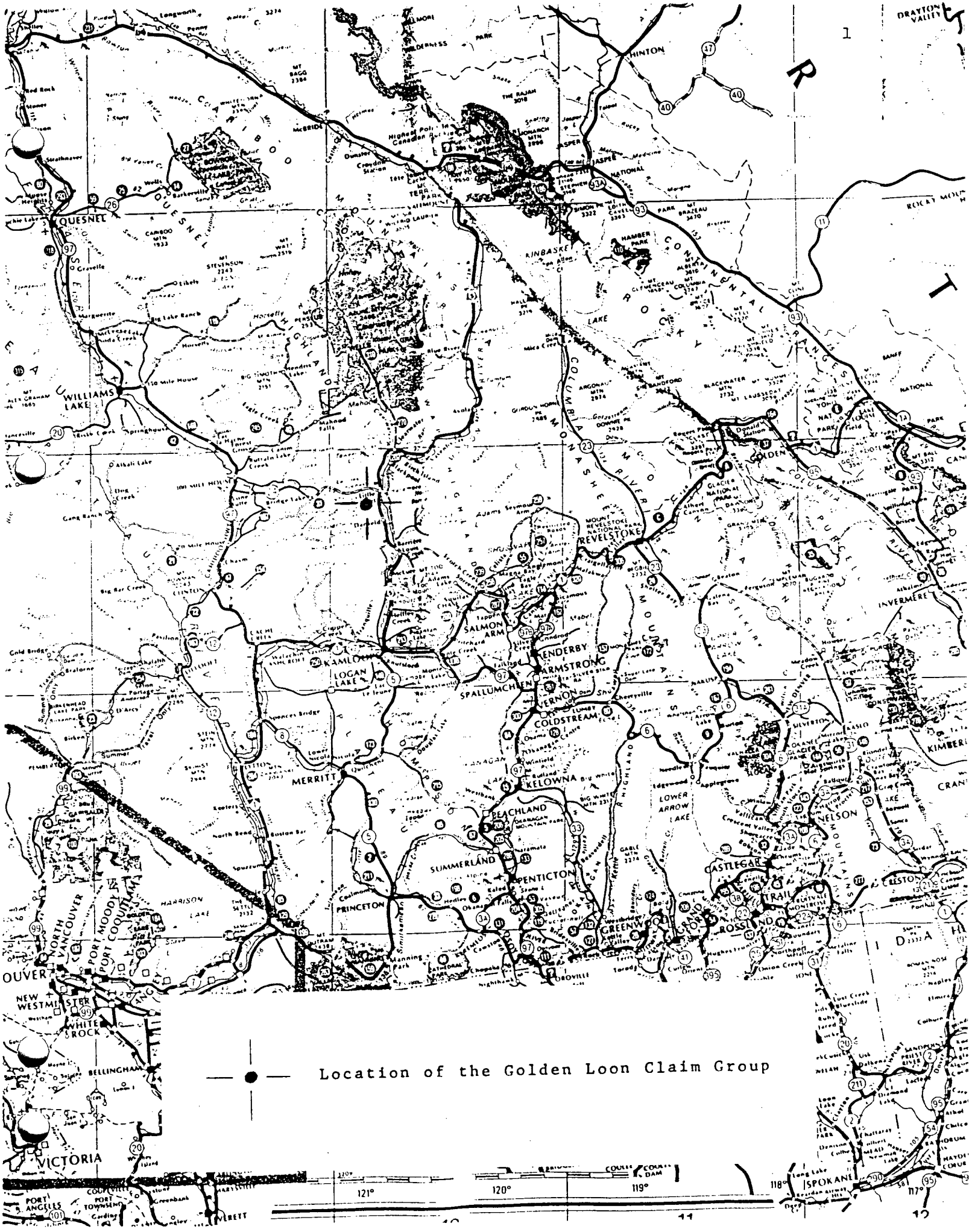
SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

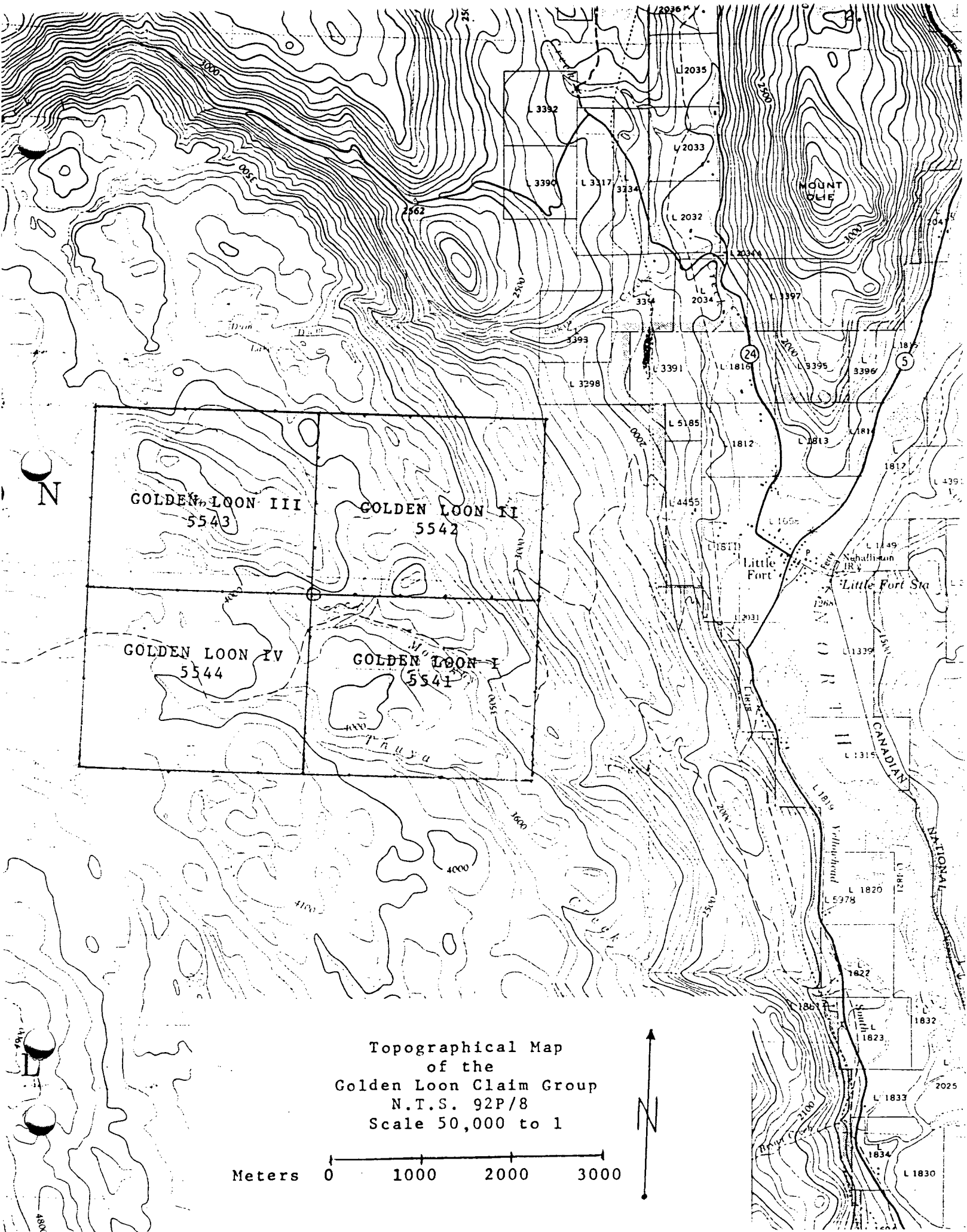
Upper Triassic to Lower Jurassic Thuya Batholith of granodiorite contacts the Triassic Nicola Group of augite, shale, phyllite and limestone with an intrusion of ultramafics along the contact; of unknown origion, containing peridotite, serpentite and pentlandite.

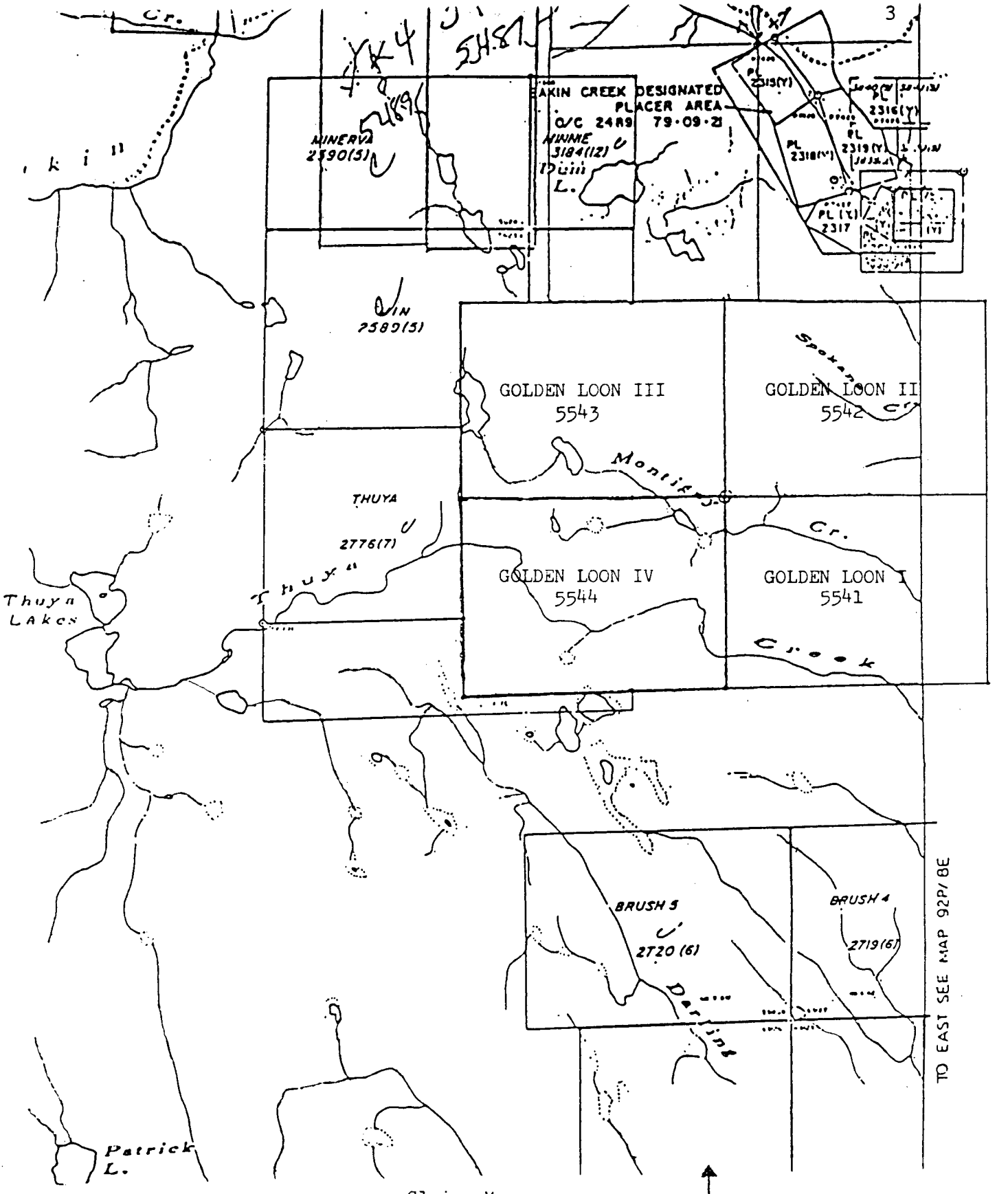
REFERENCES TO PREVIOUS WORK Assessment Reports numbers 1051, 4689 and 9061

(over)

TABLE OF CONTENTS


Location of the Golden Loon Claim Group
QUESNEL
WILLIAMS LAKE
HINTON
JASPER
REVELSTOKE
GOLDEN
SALMON ARM
KAMLOOPS
LOGAN LAKE
ARMSTRONG
ENDERBY
SPALLUMCHEEN
VERNON
COLDSTREAM
MERRITT
KELOWNA
PENTICTON
SUMMERLAND
PRINCETON
CASTLEGAR
TRAIL
ROSSLAND
GREENWOOD
NELSON
INVERMERE
KIMBERLEY
CRANBROOK
NORTH VANCOUVER
PORT MOODY
PORT COQUITLAM
NEW WESTMINSTER
WHITE ROCK
VICTORIA
BELLINGHAM
EVERETT
SPOKANE
COULEE DAM
121°
120°
119°
118°
117°


GOLDEN LOON III
5543
GOLDEN LOON II
5542
GOLDEN LOON IV
5544
GOLDEN LOON I
5541
N
MOUNT OLIE
Little Fort
Little Fort Sta
CANADIAN
NATIONAL
Topographical Map
of the
Golden Loon Claim Group
N.T.S. 92P/8
Scale 50,000 to 1
Meters 0 1000 2000 3000
N



Claims Map
of the
Golden Loon Claim Group
N.T.S. 92P/8
Scale 50,000 to 1

Meters 0 1000 2000 3000

N

PROPERTY AND OWNERSHIP

The Golden Eagle Claim Group consists of 80 units, Golden Loon I, Golden Loon II, Golden Loon III, and the Golden Loon IV. They were recorded on metal tags #83047, #83048, #83049 and #83050. These claims were recorded in the Kamloops Mining Division, record numbers #5541, #5542, #5543 and #5544. They were all recorded on the 9th day of March 1984.
The owner of the Golden Loon's I to IV is Larry D. Lutjen of R.R. #1, Site 11, Box 12; Chase, B.C., VOE 1MO phone (604) 679-8022.

LOCATION AND ACCESS

These properties are approximately 8 Km West of Little Fort, a town on highway 5, about 90 Km North of Kamloops. It can be reached via the Thuya Lakes Resort road, an all weather, well maintained gravel road. The property itself is 2 Km East of the Thuya Lakes Resort on Thuya Lakes. It is located at 51°25' Latitude and 120°17' Longitude.

GEOLOGY AND VEGETATION

To the South of the property Upper Triassic or Lower Jurassic Thuya Batholith of granodiorite has intruded the area and to the North the metasediments of the Triassic Nicola Group of augite, shale, phyllite and limestone (Cambell and Tupper 1966). In between these two structures lies an ultrabasic formation of unknown origion striking NNW, and contains peridotite, serpentite and pentlandite. The contact between the granodiorites and metasediments is unknown but the structural strike of the area trending NNW and the intrusion of the ultrabasics NNW suggests deep rooted faulting in the area.
The elevation is about 1200M with moderately sloping topography. The undergrowth is moderate to heavy and the timber consists of fir, pine, cedar, spruce, birch and alder.

HISTORY

In the mid-sixties Noranda Exploration Company Ltd. came into the area from the North. They staked 120 claims around the Dum Lake area, to the North of the Golden Loons. Only the southern few claims are considered within the Golden Loons. It was on these last few claims that Noranda found anomalous high values of nickle but couldn't find the source. Then in the mid-seventies Teck Exploration Ltd. came into the area from the West. They staked 51 units (Minerva Group) on the basis of high silver lake sediment samples they had previously taken. Their properties considered with the Golden Loon's was on the most western perimeter. They did 60 Km of geochemical sampling on flagged grids and the results showed several high anomalous zones of silver and there was a recomendation for follow-up assays for gold, because of the ultramafic structure they had identified just starting to appear in the NE quadrant of their claims group.

WORK PERFORMED

Excursion - 1

June 25, 1984

Arrived at base camp 1 (see plate #3) from Little Fort. Traversed to the L.C.P.; area dominately covered with Thuya batholith granodiorite and heavely glaciated. Traversed up spur road 1 (see plate #2), several large ultramafic outcrops. Followed along the approximate southern geological boundry of the ultramafics. The ultramafics appear to be peridotite. Returned to base camp 1 and observed fish rising on Little Lake, must be very deep not to have been frozen out.

June 26, 1984

Traversed up spur road 2 (see plate #2), Thuya batholith granodiorite slowly grades into mineralized quartzite along the contact with the ultramafics. Representative sample taken at EX1-7 (see plate #2) heavily oxidized black cubic crystals are interbedded within the quartzite. Geochem result was .9 PPM Ag, 1380 PPM Ni, 95 PPM Cr and 88 PPM Co (see appendix #3)

June 27, 1984

Traversed up the Montigny Lake road (see plate #3), several small outcrops of ultramafics intrude the Thuya granodiorite. Middle Lake and Montigny Lake are very similar to Little Lake. They appear to be swamp-bog lakes but on each one there are wooden rowboats from Thuya Lake Lodge, the fishing must be good (?). From Montigny Lake we traversed into the main ultramafic intrusion, sample EX1-15 (see plate #3) is very representative of this type of rock and assayed .2 PPM Ag, 1660 PPM Ni, 172 PPM Cr and 93 PPM Co.

June 28, 1984

Proceeded back up the Montigny Lake road to base-camp 2 (see plate #3) and traversed North accross the main ultramafic intrusion and from there along the main geologic contact into the NW corner of the Golden Loon III and back to Montigny Lake. Found TecK's L.C.P. for the Mim (tag #56239) and Thuya (tag #56770).

June 29, 1984

Made a northerly traverse from base-camp 1 into the heart of the ultramafic intrusion. There was an interesting crystal oxidization exhibited on most of the exposed ultramafics. Subsequent analysis by Gordon White; District Geologist for the Kamloops area, revealed it to be calcite, weddellite and whewellite (see appendix #1). One of the samples EX1-29 taken on this traverse (see plate #3) contained .2 PPM Ag, 1275

PPM Ni, 470 PPM Cr and 99PPM Co.

Excursion - 2

August 5, 1984

Returned to the Golden Loon Claims via Highway 5 from Kamloops. Drove the Thuya Lakes road to the intersection with Spokane Creek. Massive outcrops of granodiorite strike NNE. Traversed up Spokane Creek but very difficult going and exessive overburden. Several outcrops of ultramafics.

August 6, 1984

Traversed down the Thuya Lakes road (see plate #1) then Northerly into the lower main ultramafic intrusion that centers on station E3 of the Golden Loons I and II (see plates #1 & #2). It is the same peridotite that exists on the main intrusive on the Golden Loon III. One of the samples taken on this traverse was EX2-4 (see plate #2) that contained .2 PPM Ag, 1512 PPM Ni, 745 PPM Cr and 54 PPM Co. It was mineralized quartzite from the quartzite zone lying between the two ultramafic intrusions.

August 7, 1984

Traversed up spur road 1 (see plate #2) and up the ultramafic intrusion. Worked down the intrusion in an easterly direction and took several samples, EX2-12 was very representative of the speridotite and assayed .1 PPM Ag, 2106 PPM Ni, 71 PPM Cr and 82 PPM Co. Visual iron-nickle sulfides (pentlandite) are easily seen in all of the ultramafics (see appendix #2).

August 8, 1984

Traversed up spur road 2 (see plate #2) and headed North. Sloping terrain and considerable overburden. Heavily timbered with fir and cedar with little outcropping after leaving the ultramafics. On the return through the quartzite zone sample EX2-18 recorded .1 PPM Ag, 1400 PPM Ni, 595 PPM Cr and 77 PPM Co.

August 9, 1984

Traversed up the Thuya Lake road into the Golden Loon IV (see plate #4). This road basically follows Thuya Creek and most road-cuts expose Thuya batholith granodiorite with occasional ultramafics. Returned home via highway 5 through Kamloops.

Exscursion - 3

September 9, 1984

Returned to base camp 2 (see plate #3) and met a fisherman camped at a landing near Middle Lake who caught several large trout out of Middle Lake and conclude that it must be a very deep lake. Traversed into the lower ultramafic intrusion (see plate #1) and worked along the westerly geological contact. Several samples of bluish quartz were taken at EX3-2 (see plate #2) and assayed .1 PPM Ag, 1174 PPM Ni, 60 PPM Cr and 95 PPM Co.

September 10, 1984

Returned to the quartzite zone via spur road 2 (see plate #2) attempting to determine the faulting that had gone on between the ultramafic intrusions. Established a rhyolitic flow at EX3-11 (see plate #2) but can not identify any feeder dykes. A rhyolite sample at EX3-11 assayed .1 PPM Ag, 1831 PPM Ni, 73 PPM Cr and 82 PPM Co.

September 11, 1984

Traversed down the Thuya Creek logging road (see plate #1) The road cuts through the Thuya batholith granodiorite and huge bolders are strewn about, heavily glaciated. Minor outcrops of ultramafics are scattered about but no major intrusions of ultramafics. Very few quartz veins are evident, we were hoping to find some pegmatitic material, but didn't. Most of this area has been logged about ten years ago.

September 12, 1984

Assembled our equipment and worked our way out down the Thuya Lakes road (see plate #1). Took several samples of ultramafic rock in place at EX3-23 (see plate #1). It assayed .1 PPM Ag, 1742 PPM Ni, 124 PPM Cr and 93 PPM Co. Returned home to Lee Creek via highway 5.

CONCLUSIONS

The Golden Loons I to IV are on a geological contact of ultramafic material carrying tremendous amounts of Ni, Cr and Fe in addition to precious metals. Various analysis of the Ni determine it to be pentlandite (same ore as at Sudbury). Assays of .5% Ni and .7% Cr from surface showings have been documented. The entire area is ideally situated for open-pit mining and the aerial magnetometer data indicates a huge deposit of ore. We would recommend a surface magnetometer and an electro-mag V.L.F. survey over the ultramafic deposits and a geochem survey for gold and silver in the quartzite zone.

REFERENCES

Campbell and Tupper G.S.C. Map 3, 1966

Assessment Report #1051 by: Noranda Exploration Co.Ltd.
on the Kira Mineral Claims

Assessment Report #4689 by: Rio Tinto Explorations Ltd.
on the Dum Mineral Claims

Assessment Report #9061 by: Teck Explorations Ltd.
on the Minerva Mineral Claims

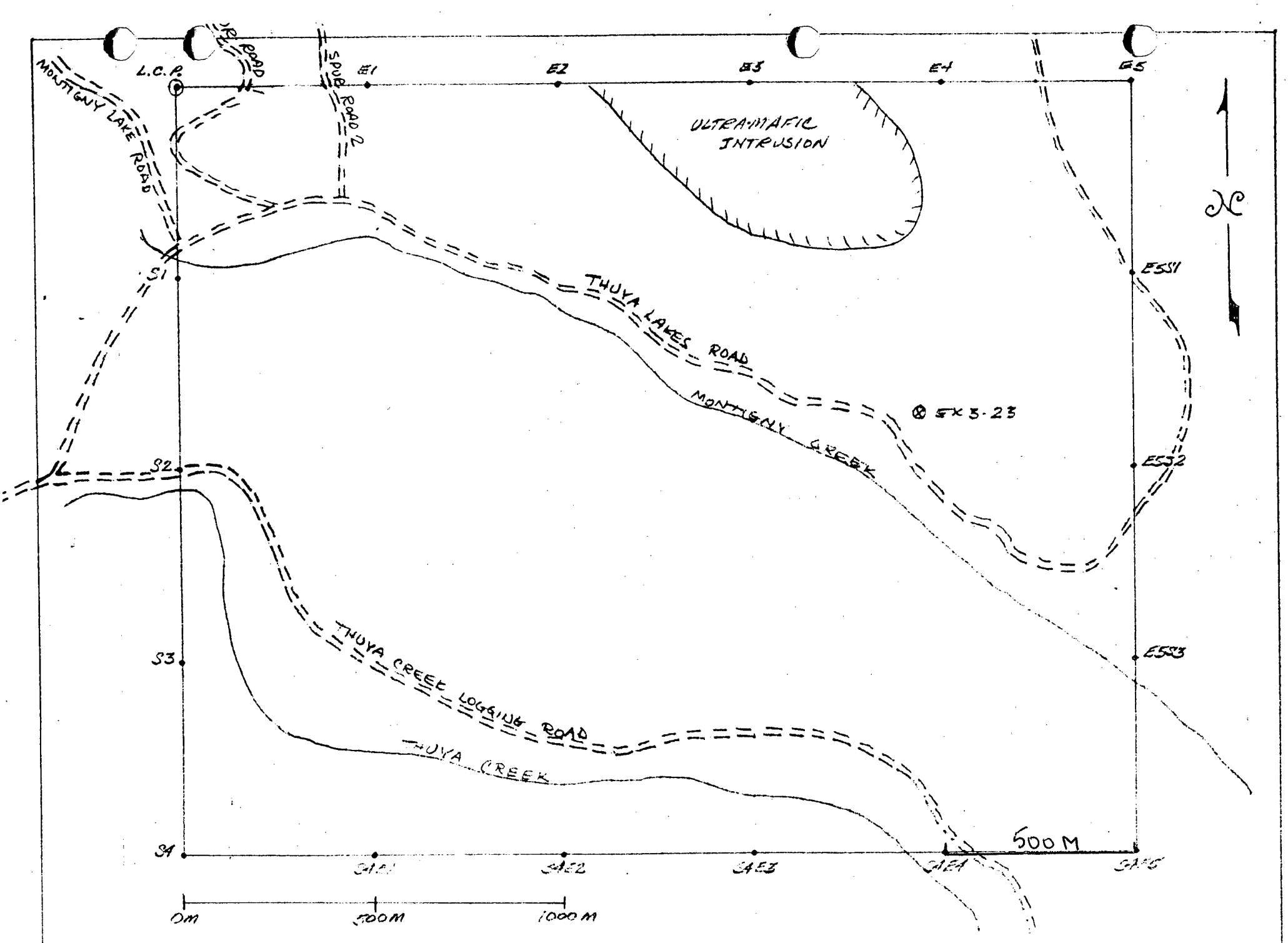


PLATE NO. 1 FOR: BARNES CREEK MINERALS CORPORATION	N.T.S.: 92P/8 - GOLDEN 1:00N I DRAWN BY: LARRY D. LARSEN	DATE: MARCH 1, 1985 SCALE: 4cm = 500m

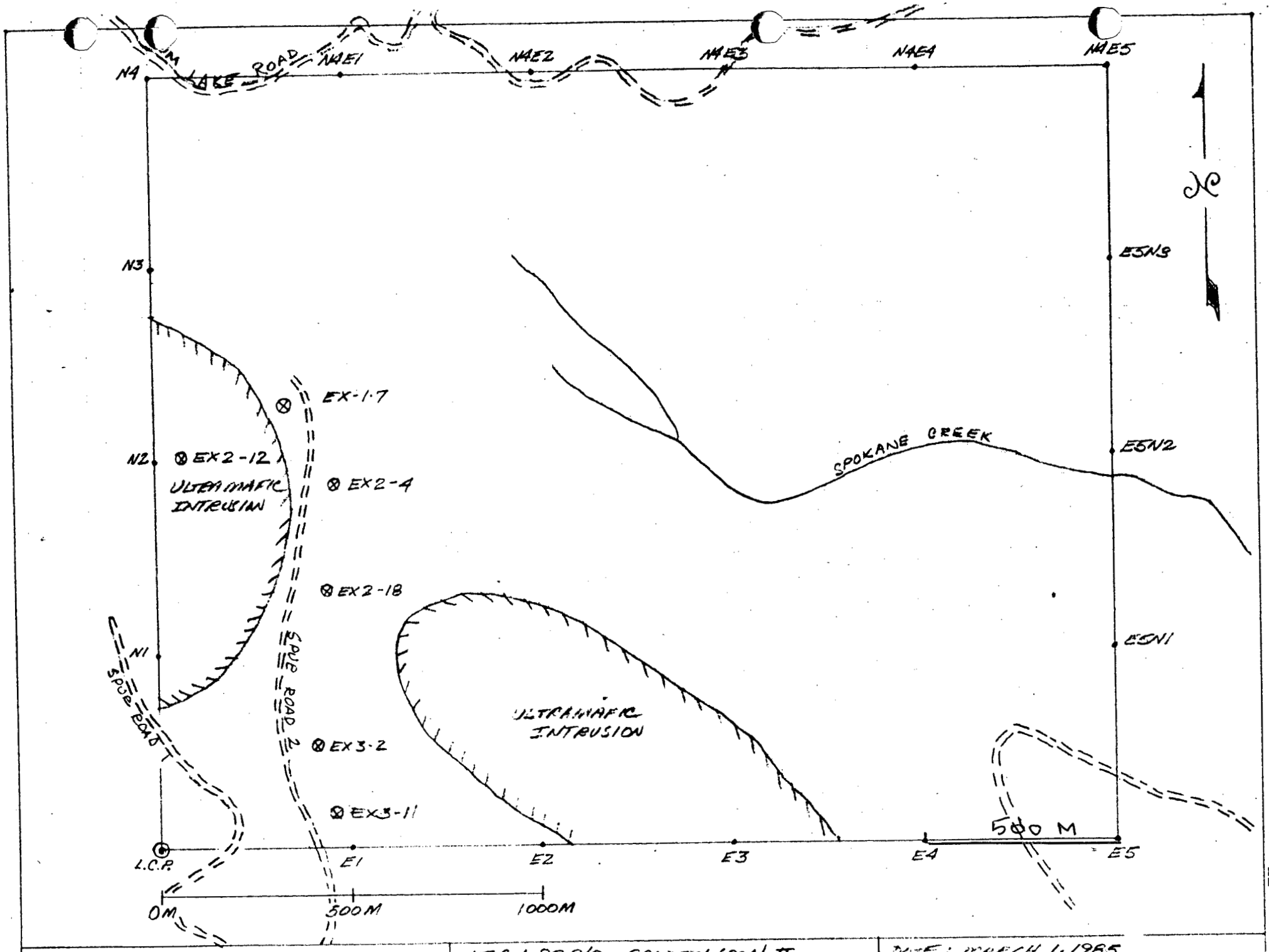


PLATE NO. 2 FOR: BARNES CREEK MINERALS CORP.	N.T.S.: 92P/8 - GOLDEN LOON II DRAWN BY: LARRY D. LUTJEN	DATE: MARCH 1, 1985 SCALE: 4 cm = 500 M

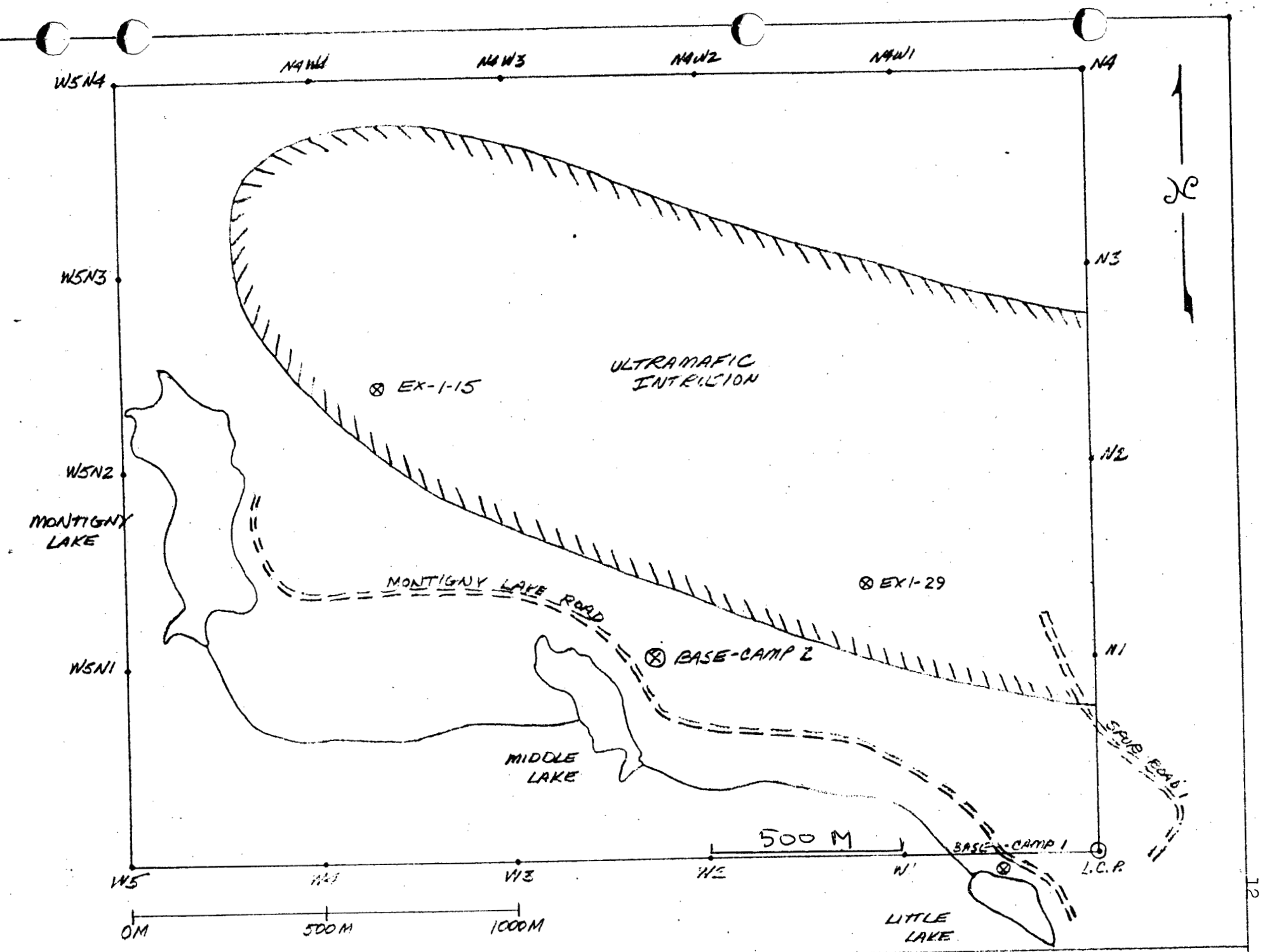


PLATE NO. 3 FOR: BARNES CREEK MINERALS CORP.	N.T.S.: 92P/8 - GOLDEN LOON III DRAWN BY: LARRY S. LUTJEN	DATE: MARCH 1, 1985 SCALE: 4 cm = 500 M

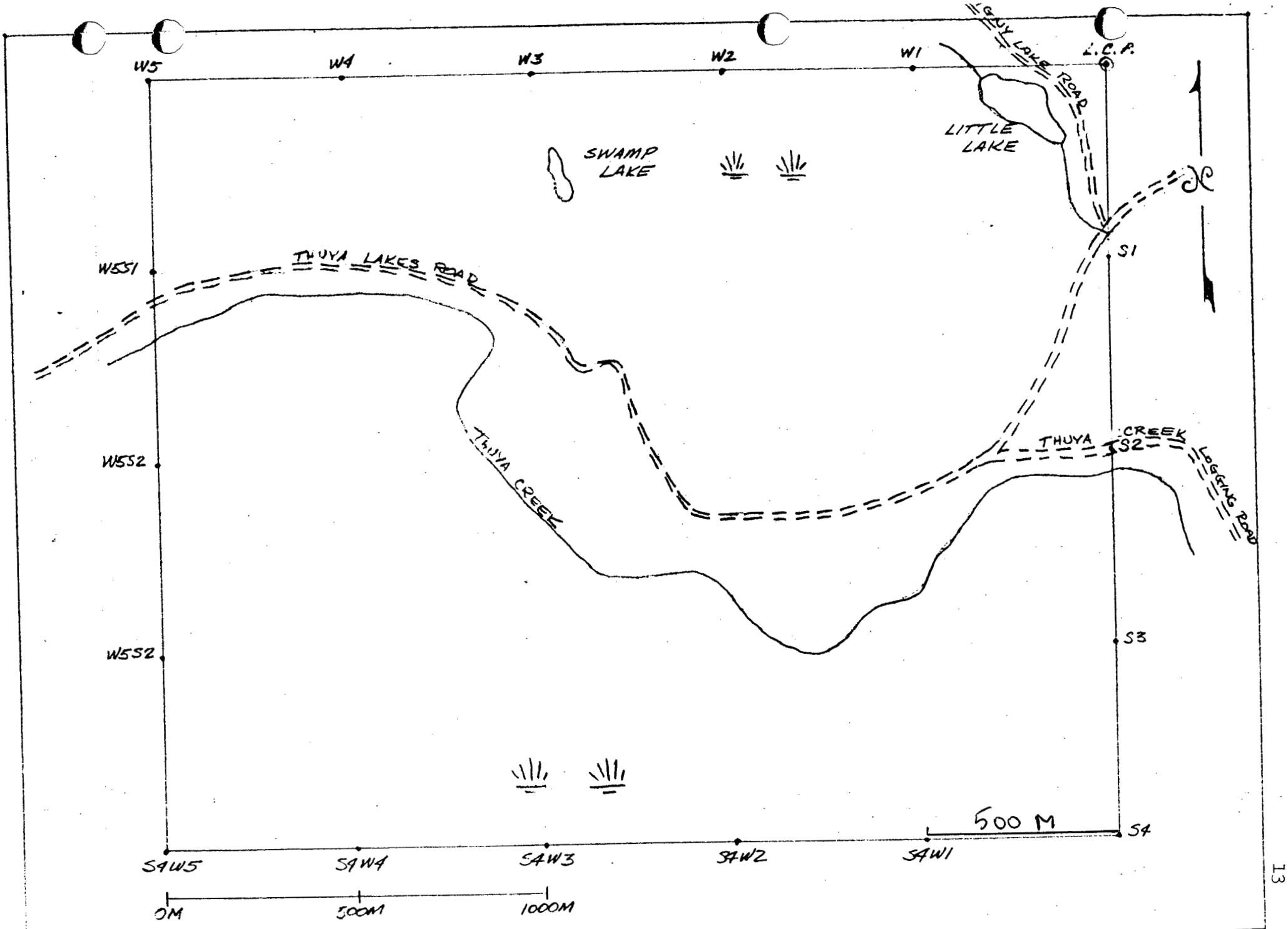


PLATE NO. 4 FOR: BARNES CREEK MINERALS CORP.	N.T.S.: 92P/8 - GOLDEN LOON II DRAWN BY: LARRY D. LUTJEN	DATE: MARCH 1, 1985 SCALE: 4CM = 500M

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources

Appendix 1

ANALYTICAL SERVICES REQUEST

Submitter G. WHITE
Number of samples 1
Special instructions
Project Golden Loon.
Air photo
Date submitted JAN 4/85
Date required
Area Barrier West
Card 1 of 1
Date started Jan 9/85
Date reported 16 JAN. 1985 - Spec + ID
Priority
Chief Analyst
PRINT CLEARLY (use dark pen or pencil)

NTS	FLD NO	ZN	UTM E	UTM N	RXT	YAG	SS	PROPERTY	COMMENTS
92P/8W	GW1-85		120° 15'	51° 25'	UMFC	24	10	Golden Loon Claims	- Lyjen / Lodmell

LAB NO	OX	IDE	SPEC	XRD	MIN	PRP	Au	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr
1 29609M		C	P	SQ	Q		SEP						(Ni)							
												? det?		Pt ?	Also ID. of white encrustation S.V.P.					
2		C	P	SQ	Q		SEP													
3		C	P	SQ	Q		SEP													
4		C	P	SQ	Q		SEP													
5		C	P	SQ	Q		SEP													
6		C	P	SQ	Q		SEP													

SPECTROGRAPHIC REPORT

Appendix 1A

1
Si>10.0 Al 2.0 Mg M-C Ca 2.5 Fe 7.0
Pb 0.01 Cu T Zn T Mn 0.15 Ag — V T Ti 0.05 Ni 0.15
Co 0.02 Na T K <0.3 W — Cr 0.7
TRACE:- Sn, Ba.

2
Si___ Al___ Mg___ Ca___ Fe___
Pb___ Cu___ Zn___ Mn___ Ag___ V___ Ti___ Ni___
Co___ Na___ K___ W___

3
Si___ Al___ Mg___ Ca___
Pb___ Cu___ Zn___ Mn___ Ag___ V___ Tl___
Co___ Na___ K___ W___

4
Si___ Al___ Mg___ Ca___ Fe___
Pb___ Cu___ Zn___ Mn___ Ag___ V___ Ti___ Ni___
Co___ Na___ K___ W___

5
Si___ Al___ Mg___ Ca___ Fe___
Pb___ Cu___ Zn___ Mn___ Ag___ V___ Ti___ Ni___
Co___ Na___ K___ W___

6
Si___ Al___ Mg___ Ca___
Pb___ Cu___ Zn___ Mn___ Ag___ V___ Ti___
Co___ Na___ K___ W___

X–RAY DIFFRACTION REPORT AND COMMENTS

29609 M GW1-F5 The white encrustation consists mainly of CALCITE with some WEDDELLITE ($CaC_2O_4 \cdot 2H_2O$) and WHEWELLITE ($CaC_2O_4 \cdot H_2O$). Minerals identified from the bulk sample include ANTIGORITE, FORSTERITE, DOLOMITE and minor amounts of MAGNETITE and CALCITE.

MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES
KAMLOOPS, B.C.
Rec'd. JAN 22 1985

KEY

COLUMNS 28–31

UMFC	ultramafic	GRNS	greenstone	TRCT	trachyte	SKRN	skarn	SNDS	sandstone
ANDS	andesite	MNZN	monzonite	TUFF	tuff	GOUG	gouge	SHLE	shale
BSLT	basalt	OBSD	obsidian	AMFB	amphibolite	ARGL	argillite	SLSN	siltstone
CRBN	carbonatite	PNLT	phonolite	CLCC	calc-silicate	CHRT	chert	MRLZ	mineralization
DCIT	dacite	QZPP	quartz porphyry	GNSS	gneiss	COAL	coal	MVSP	massive sulphide
DORT	diorite	RYLT	rhyolite	MRBL	marble	DLMT	dolomite	DISS	disseminated
GBBR	gabbro	SRPN	serpentinite	PLLT	phyllite	LMSN	limestone	SCKK	stockwork
GRNT	granite	SNKN	shonkinite	SCST	schist	MARL	marl	VEIN	vein
GRDR	granodiorite	SYNT	syenite	HRFL	hornfels	QRTZ	quartzite	ALRZ	alteration

COLUMNS 32 – 33

04	Proterozoic	12	Cambrian	21	Mississippian	34	Jurassic
05	Helikian	14	Ordovician	22	Pennsylvanian	36	Cretaceous
06	Hadrynian	16	Silurian	24	Permian	40	Cenozoic
10	Paleozoic	18	Devonian	30	Mesozoic	42	Tertiary
11	Prot.–Paleozoic	20	Carboniferous	32	Triassic	44	Quaternary
						50	Unknown

COLUMN 34 SAMPLE TYPE

1	Single grab sample
2	Channel/chip
3	Composite sample
4	Drill core
5	Talus or transported
6	Soil
7	Silt
8	Other

COLUMN 35 % SULPHIDE

0	<0.5
1	0.5–1
2	1–10
3	10–50
4	>50

COLUMNS 36 – 43

Mineral Inventory Number or property name

COLUMNS 44 – 80

Comments

ANALYTICAL METHOD

AA	ATOMIC ABSORPTION
AH	HYDRIDE GENERATION
FA	FIRE ASSAY
ES	EMMISSION SPEC
XR	X–RAY FLUORESCENCE
WC	WET CHEMICAL
CL	COLORIMETRIC
CV	COLD VAPOUR

SAMPLE PREPARATION

W	TUNGSTEN CARBIDE
C	CERAMIC
S	STEEL

THE UNIVERSITY OF BRITISH COLUMBIA

VANCOUVER 8, CANADA

DEPARTMENT OF MINERAL ENGINEERING

May 25, 1976

Mr. Gordon P. E. White,
District Geologist
Mineral Resources Branch
Dept. of Mines and Petroleum Resources
101, 2985 Airport Drive
KAMLOOPS, B. C.

MAY 31 '76

Dear Gordon:

Re: Boomer Sample

Please find herewith photographs taken by scanning electron microscopy on the Boomer sample. I think the evidence clearly indicates that the nickel is present as a sulphide in solid solution with iron and may well be pentlandite.

I believe this answers the question posed in your letter of April 20th.

I have had the work done without seeking your approval for the costs involved. Perhaps this was not the correct procedure, but should the Mineral Resources Branch consider it is appropriate, a donation of some $300 to the Mineral Engineering Trust Fund would be in order.

With best personal regards,

Yours sincerely,

J. B. Evans
Head
MINERAL ENGINEERING DEPT.

JBE:MW

Encs.

Appendix 2

KAMLOOPS
RESEARCH & ASSAY
LABORATORY LTD.

B.C. CERTIFIED ASSAYERS

912 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

GEOCHEMICAL LAB REPORT

Barnes Creek Minerals Inc.
R. R. 1, Site 11
Box 36,
Chase, B.C. V0E 1M0

ATT: Larry Lutjen

FILE NO. _____

DATE October 17, 1984

ANALYST _____

FILE NO. G - 1212

AL NO.	IDENTIFICATION	ppm Ag	ppm Ni	ppm Cr	ppm Co
1	EX-1 7	.9	1380	95	88
2	15	.2	1660	172	93
3	29	.2	1275	470	99
4	Ex-2 4	.2	1512	745	54
5	12	.1	2106	71	82
6	18	.1	1400	595	77
7	Ex-3 2	.1	1174	60	95
8	11	.1	1831	73	82
9	23	.1	1742	124	93

Ag, Ni, Cr, and Co Method: -80 Mesh
Hot Acid Extraction
Atomic Absorption

NOTE: BACKGROUND Ni = 40-50 p.p.m.
Ag = 90-100 p.p.m.

Appendix 3

STATEMENT OF EXPENDITURES

for Prospecting
on the
Golden Loon's I - IV

LABOUR	
Larry D. Lutjen 14 days at $150.00 per day	$ 2,100.00
Richard D Lodmell 14 days at $150.00 per day	2,100.00
Jon A. Lutjen 14 days at $125.00 per day	1,750.00
EXPENSES	
Food and Accomodations $30.00 per day each	1,260.00
Truck usage 14 days at $30.00 per day	420.00
REPORT PREPARATION	
4 man days at $150.00 per day	600.00
Typing, Stationary and Reproduction	100.00
Total cost	$ 8,330.00

AUTHORS QUALIFICATIONS

I Larry D. Lutjen having graduated from the College of San Mateo, U.S.A., in 1965 (Degree in Electronics) have the following prospecting 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 many claims.

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.

1982-1983 Recieved 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.

1983-1984 Geophysical survey on the Golden Eagle claims for MacKenzie Range Gold Inc., including mapping and interpretation. (Scintrex MF-2 Magnetometer, Sabre mod. 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 mod. 27 VLF-EM).

Larry D. Lutjen
Certified Geophysical Prospector
R.R. #1, Box #12
Chase, B.C., Canada
VOE 1MO

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

Malaspina College

AUTHOR'S QUALIFICATIONS

I, Richard Lodmell, residing at 534 MacKenzie Street, Kamloops, British Columbia, (mailing address M.P.O. Box 342, Kamloops, B.C., V2C 5K9), certify that:

1. I am a practising prospector in British Columbia.

2. I have worked in the mining and mine exploration industries throughout the last twelve years, in British Columbia.

3. I have completed a rock and mineral identification course in Kamloops, British Columbia, presented by the District Geologist, Gordon White.

4. I am a graduate of the Advanced Course in Mineral Exploration for Prospectors in British Columbia, presented by the Ministry of Energy, Mines and Petroleum Resources and Malaspina College.

Signed R Lodmell

MALASPINA COLLEGE

Statement of Course Completion

RICHARD LODMELL

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

Malaspina College

Director/Dean

Registrar

Instructor