LOG NO: 0307 RD.

ACTION:

FILE NO:

PROSPECTING REPORT on the PLATINUM GIANTS 1 & 2

in the

KAMLOOPS MINIMG DIVISION B. C. 82L/11W 50°41' Lat. 119°17' Long.

FILMED

AL SOSMON REPORT

17,144

REPORT PREPARED BY:

LARRY D. LUTJEN

January 25, 1988

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 89.01.25

ASSESSMENT REPORT 17144

MINING DIVISION: Kamloops

PROPERTY:

Platinum Giant

LOCATION:

119 17 31 LAT 50 40 30 LONG

UTM 11 5615972 338057

NTS 082L11W

CLAIM(S):

Platinum Giant 1-2

OPERATOR(S): AUTHOR(S):

Lutjen, L.D. Lutjen, L.D.

REPORT YEAR:

1988, 17 Pages

COMMODITIES

SEARCHED FOR: Silver, Gold, Platinum, Copper, Zinc, Lead, Tin

GEOLOGICAL

SUMMARY:

Upper Triassic Sicamous Formation argillites and limestone are underlain by Cambro-Ordovician Silver Creek Formation schists. formations are intruded by Early Cretaceous(?) mica granites and

subsequently capped by Eocene Kamloops Group volcanics.
Mineralization occurs along sheeted fracture zones carrying pyrite, arsenopyrite, galena, chalcopyrite, sphalerite, marcasite, argentite,

cosalite, flourite and cassiterite.

WORK

DONE:

Prospecting

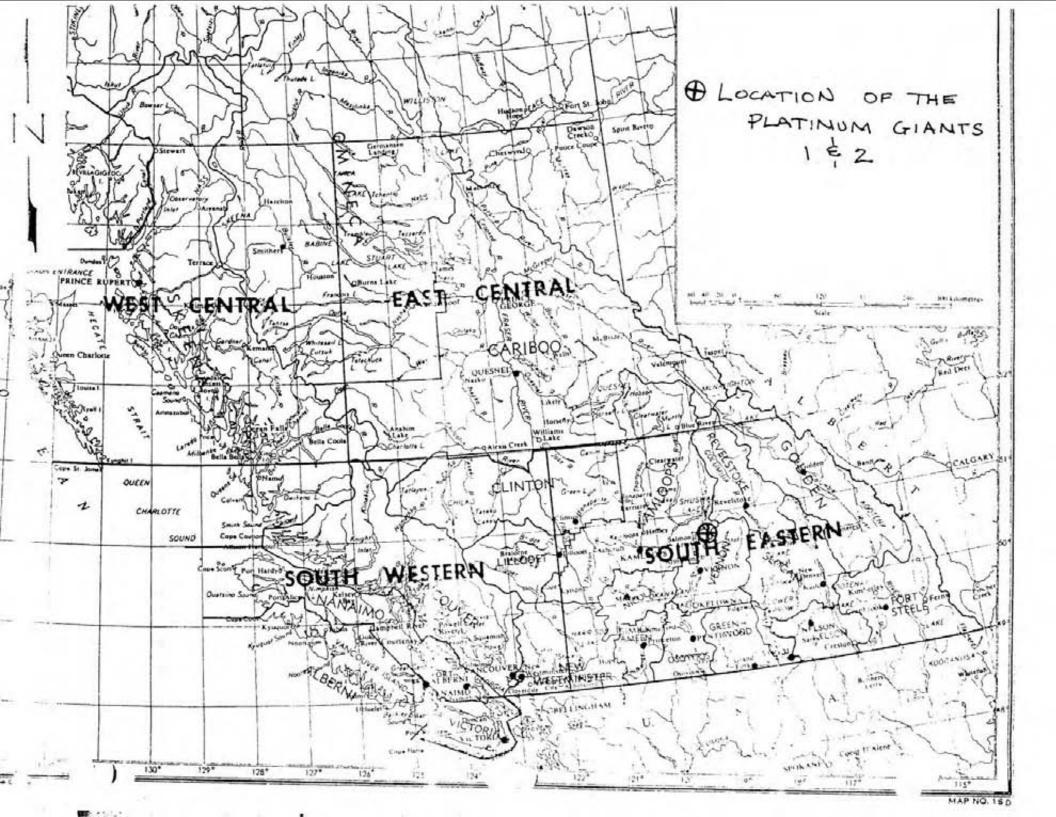
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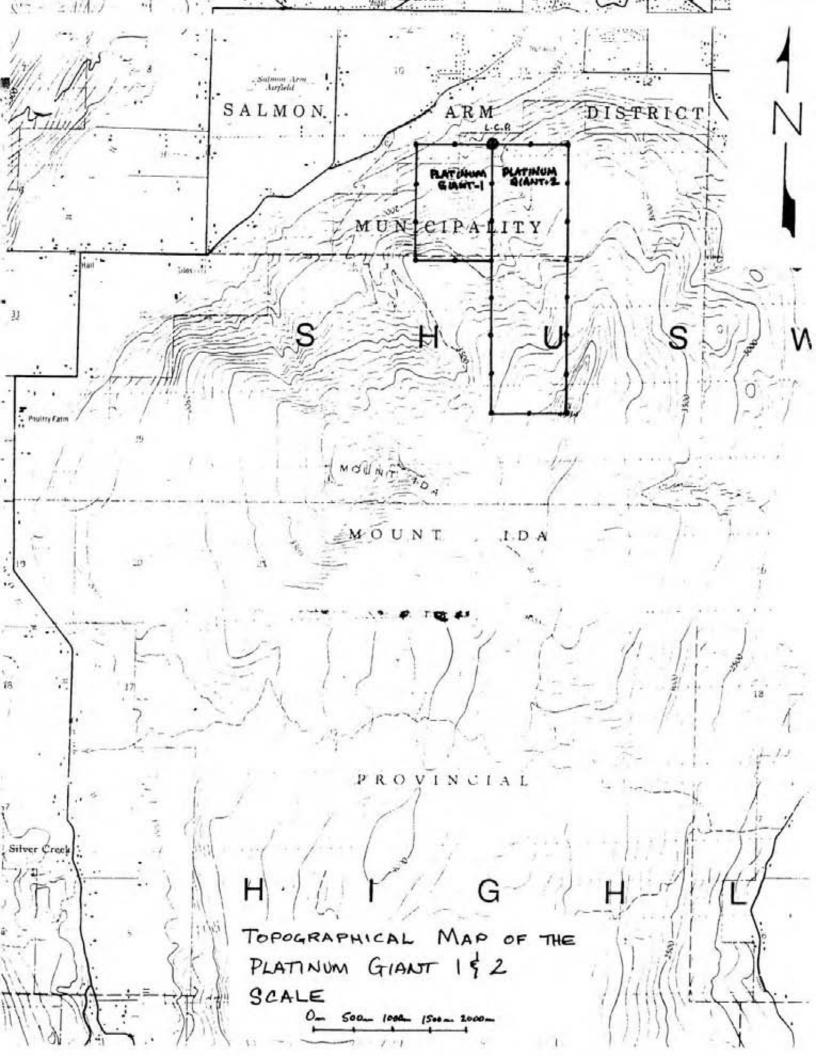
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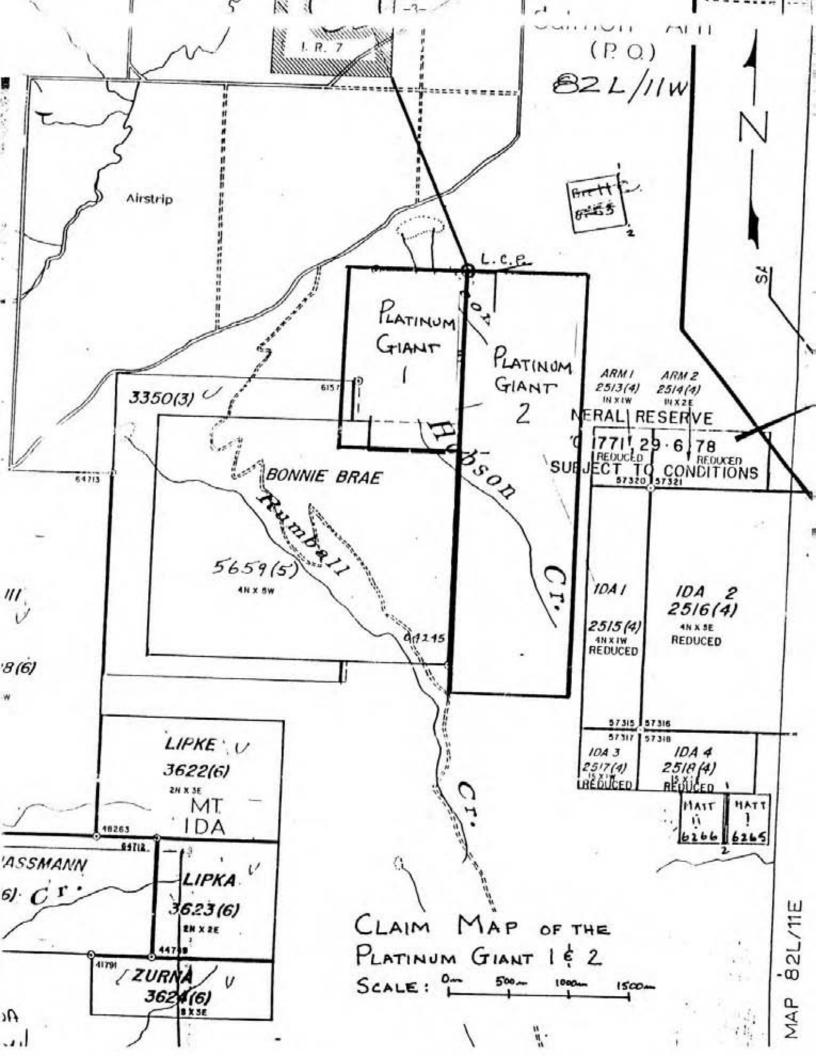
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Appendix A	







PROPERTY AND OWNERSHIP

The Platinum Giant 1 (Rec. No. 6909, Rec. date 2 Feb 1987, 6 units - 2W x 3S) and the Platinum Giant 2 (Rec. No. 6910, Rec. date 2 Feb 1987, 14 units - 2E x 7S) are 100% owned by Mr. Larry D. Lutjen; RR1 - B12 - S11; Chase, B.C.; VOE 1MO; (604) 679-8022.

LOCATION AND ACCESS

The Platinum Biants 1-2 are located on N.T.S. map sheet 82L/11W. Access is via the Rumball Creek logging road (0114698) thence to the Mount Ida project road (825) which traversed E-W through the property. Both roads are well maintained B.C. Forestry logging roads. The Platinum Giants 1-2 are in the Kamloops Mining Division and the District Geologist is Mr. Rick Meyers.

GEOLOGY

The Sicamous formation (upper Triassic) of argillites and limestone are underlain by the Silver Creek formation of combro ordevicion schists. These formations were intruded by early Cretaceous (?) mica granites and subsequently capped by Eocene volcanics of Kamloops formation. The old workings expose a reticulate system of Quartz veins trending N and E in highly sheared and fractured mica schists adjacent to a granite intrusive. Mineralization occurs along sheeted fracture zones and milky quartz veins and pods 0.3 to 30 meters wide carrying pyrite, arsenopyrite, galena, chalcopyrite, sphalerite, marcasite, argentite, cosalite, flourite, and cassiterite. The association of tin, tourmaline, sericite, pyrite, and quartz is haghly indicative of a greisen alteration.

VEGETATION

The elevation ranges from 610 meters (2000 ft.) to 1463 meters (4800 ft.) and is forested with thick groves of Fir, Cedar, Birch, and Spruce. Snow levels are between .6 - 1.2 meters (2 - 4 ft.) and seasonally run between the months of November to April.

HISTORY

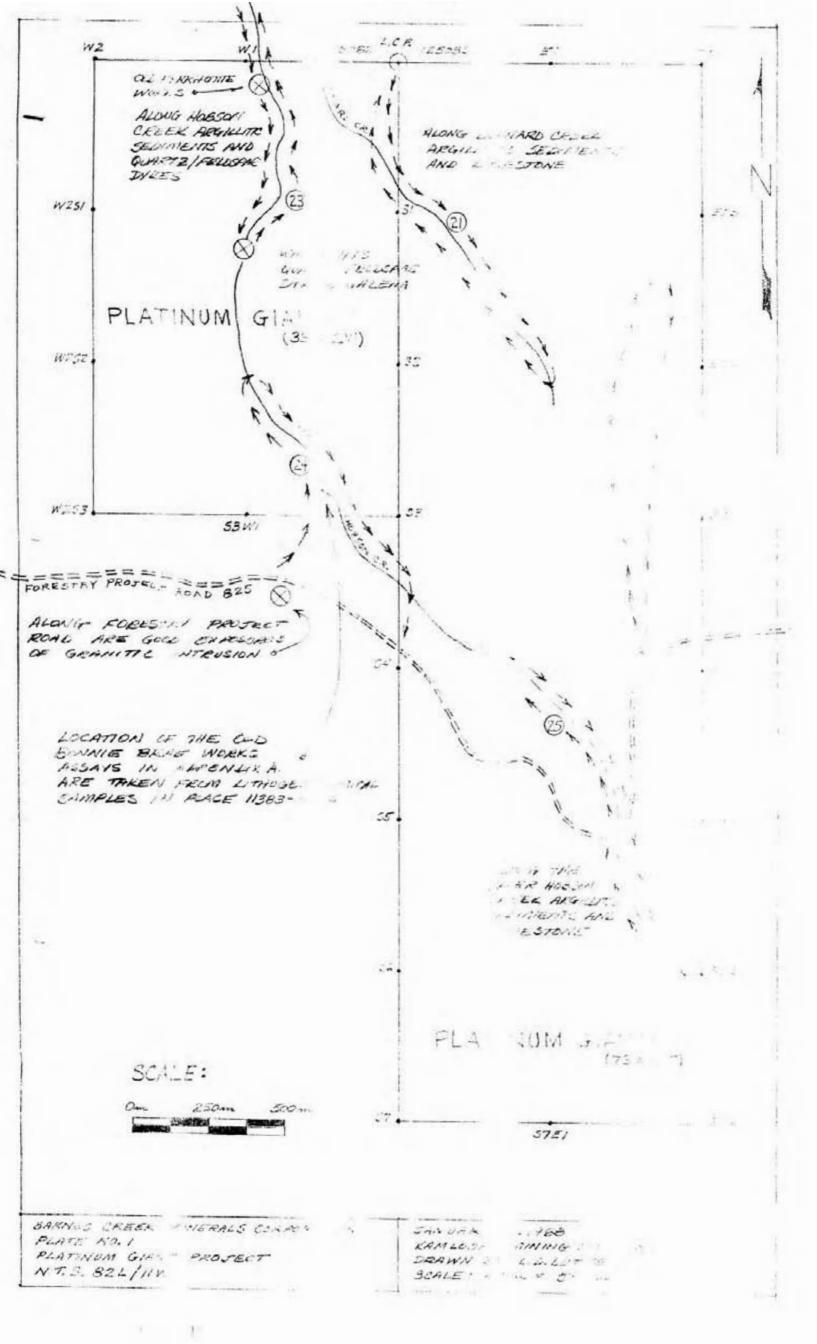
In 1918 Nr. W. F. Ferrier (Munition Resource Commission) took several samples from the White Cliff and Mountain View (Platinum Giants 1-2) to foliow-up previously reported assays of 2.74 and 7.54 grams per tonne platinum. The assay results of the samples on the White Cliff was 13.03 grams per tonne gold, 1.03 grams per tonne platinum; and, on the Mountain View 12.0 grams per tonne gold, 5.86 grams per tonne platinum. Then in 1926 the Minister of Mines Report reported values in silver up to \$22.00 per tonne; and, in 1930 hold-trace, silver - 12oz, per tonne, and gold-trace, silver - 6oz, per tonne. Then in 1967 Annmar Mining financed a program of trenching by Mitchell, results unknown, (prospectus report unpublished). And finally in 1983 Nr. Peter Peto did an assessment report (#12055) with values of silver to 125ppm, zinc to 3519ppm, and lead to 3179ppm.

CONCLUSION

Based on the high gold, silver and platinum values obtained on the Platinum Giants 1-2, a success-contingent multiphase exploration program is recommended to further expand their economic potential.

WORK PERFORMED - (Field Notes Sept. 21 - Sept. 25, 1987)

- Sept 21: Arrived in Salmon Arms via highway 1 and traversed to L.C.P. (see plate no. 1) and from there up Leonard Creek. Several occurrances of argillitic sediments were encountered with sparce mineralization. The creek-bed is very steep and mostly talused.
- Sept 22: Traversed into the north eastern quadrant of the Platinum Giant 2 via the forestry project road 825 (see plate no. 1). The area was heavily overburdened and timbered. Very few outcrops were encountered (nothing in place) and no mineralization.
- Sept 23: Traversed up Hobson Creek and encountered the old pyrrhotite showing then up to the White Cliff claims. The White Cliffs are an exposed section of quartz/feldspar porphyry that hasn't been erroded away. Some Galena shot through the quartz/feldspar but very sparce.
- Sept 24: Arrived via project road 825 and traversed to the old Bonnie brae works and from there down Hobson Creek and then back to the project 825 road. Some sulfide mineralization associated with small quartz veins. Limestone and argillitic sediments were exposed along the creek.
- Sept 25: Arrived at the confluence of Hobson Creek and the 825 road and traversed down Hobson Creek. The relief is very steep, with slopes exceeding 100%. The narrow creek-bed is mostly talused, but some exposures of limestone and argillic sediments are to be found, pyritic mineralization. Returned to support vehicle and demobilized survey.



ITEMIZED COST STATEMENT

La	h	n	**	*
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Larry D. Lutjen 5 days at \$150.00/day		\$	750.00
Jon A. Lutjen 5 days at \$150.00/day			750.00
Food & Accomodations			
10 man days at \$35.00/man day			350.00
Report Preparation			
1 man day at \$150.00/day			150.00
Typing and Reproduction			50.00
Transportation			
312km at \$,35/km			109.00
	Total	\$ 2	,159.00

Qualifications

I Larry D. Lutjen of R.R. 1, Box 12, Chase, B.C. VOE 1MO 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-l & Au-? 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. (Scintres 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 Madel 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.
- Geochemical and geophysical survey (20km) for Barnes Creek Minerals Corp. -1986 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 & IX for Barnes Creek Minerals Corporation.

Larry D. Lutjen
Cervified 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.

Entish Columbia, Canada

AUTHORS QUALIFICATIONS

I Jon A. Lutjen have completed Grade 10 High School in Chase, B. C. in 1981, Have the following prospecting experience:

- 1981 1983 Geophysical and Geochemical prospecting with L. D. Lutjen and R. D. Lodmell in the South Central region of B. C. (McPhar and S.P.) Staked 12 properties from Beaver Dell to Adams Plateau.
- 1983 1984 Further Geophysical Survey's including mapping and interpretation (Scintrex MF-2 Mag., Sabre Mod. 27 VLF-EM and Self Potential Surveys).
- 1984 1985 Received my Geophysical Certification from Malaspina College. Did a Geophysical Survey for Tugold, Kamloops, B. C. on London Ridge, New Denver, B.C. and on Birk Creek, Barrier, b.C. including Geochemical Sampling, Happing and Grid layout.
- 1985 1986 Geophysical Survey for Lacana Res. on the Comstock Mineral claim doing Grid layout, Geochem sampling, Geophysical surveys, mapping and basic prospecting. The Spring 1985 just basic prospecting and claim staking.
- 1986 1987 Basic prospecting and claim staking. Tributary sampling with Geologist Ron Wells for Lacana.

Jon A. Lutjen Certified Geophysical Prospector R.R. #1, Box 12 Chase, B. C. VOE 1MO

MALASPINA COLLEGE

In recognition of having completed the requirements of the

MINERAL EXPLORATION FOR PROSPECTORS PROGRAM

The Maiaspina College Board, on the recommendation of the Faculty, grants a

CERTIFICATE

to

JON LUTJEN



MAY 18, 1985

Dated at Nanaimo, British Columbia, Canada Chairman of College Board

President

Euchardh Danston

ACME ANALYTICAL CARGRATURIES - BSC E. HASIDAGE ST. VANCOUVER B.C. SA 1P6 - PHONE 257-315B - DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

LOT SHAM SAMPLE IS DIGESTED WITH 3MU THIND HOL-HAGS-MOD BY 95 DEGLO FOR THE HOLE AND IS DILUTED TO 10 MU WITH WATER. THIS LEACH IS PARTIAL FOR MM FE CAR OF ME SAID! SIAL NO BIM SI 25 CE SAID HE SAID TO AL DETECTION LIMIT BY FOR IS DIPPM. - SAMPLE TYPE: Rock Chies - AREE AND FILE ANALYSIS BY FR-MS FROM 10 GRAM SAMES

DATE RECEIVED: MEDIUM DATE REPORT MAILED: U. S. ASSAYER

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APPENDIX A



10041 E. Trans Canada Hwy., R.R. +2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700

GEOCHEMICAL LABORATORY METHODS

SAMPLE PREPARATION

- Soil or sediment samples are dried at 60°C, the lumps of soil are broken up on a bucking board and the entire sample is seived through an 80 mesh screen.
- Rock samples are crushed and pulverized to -100 mesh.

GEOCHEMICAL ANALYSIS FOR Cu, Pb, Zn, Ag, Sb, Ni, Co, Cd

1.0 gram of sample is leached in 3 ml HNO3 overnight at room temperature. The sample is brought up to 90°C in a water bath, 1.5 ml HCl is added, and the leaching is continued for a further 90 minutes. The sample is then cooled, diluted to 10 ml with distilled water and the above elements are determined by Atomic Absorption.

Minimum Reportable Concentrations

Element	ppm
Cu	1.
Pb	2.
Zn	1.
Ag	0.2
Sb	1.
Ni	2.
Co	2.
Cd	0.02

GEOCHEMICAL ANALYSIS FOR Au

The gold is collected in a silver bead through inquartation and conventional fire assaying of 10 grams of material. The bead is digested in aqua regia in a water bath at 90°C, the gold is then extracted into MIBK and determined by Atomic Absorption.

Minimum Reportable Concentration

5 ppb

GEOCHEMICAL ANALYSIS FOR As

0.25 gram of sample are taken to dryness in a mixture of HNO3 and HClO4. Excess HNO3 is expelled with HCl and the arsenic is scrubbed into a solution of pyridine and SDDC to be determined colorimetrically on a spectrophotometer.

Minimum Reportable Concentration

1 ppm

GEOCHEMICAL ANALYSIS FOR TUNGSTEN

Sample is fused with potassium persulfate then extracted into 10 ml hydrochloric acid. 2 ml of the clear supernatant is reduced with 2 ml 10% standards chloride and reacted with 1 ml 1% ZincDithiol/Isoamyl acetare. The test solution is heated 4 to 6 hours in a water bath maintained at 90°C. The test solution is then cooled and 1 ml petroleum spirit is added to dissolve the globule containing the dithiol-tungsten complex. The color intensity of the tungsten complex is compared to a series of tungsten standards.

Minimum Reportable Concentration

1 ppm

SAMPLE PREPARATION

A. RECEIVING AND SORTING

- 1. Each lot shipment of samples received will be assigned a unique job number by the Chief Assayer. This number together with the following information is to be entered in pen (not pencil) into the sample log book:
 - Job number
 - Client name and address
 - Date and time received
 - Names of individuals to receive results
 - Name of person receiving samples
 - Analyses required
 - Type of sample (ie. Core, Soil, Chip Assay or Geochem)
- Organize sample bags on a sorting table, so that sample tags or bag markings are in a logical alphanumerical sequence as indicated on sample shipment form submitted by client.
- 3. Enter the sample description into the log book and assign a lab number to each sample. Each lab number that has been assigned must also be marked on the sample bag using a felt pen.
- Using the numbering stamp, mark the sample pulp bags with the lab number preceded by the assigned number.