MAP NO: 105D/2

ASSESSMENT REPORT: X

DOCUMENT NO: 093243

PROSPECTUS:

MINING DISTRICT: Whitehorse

CONFIDENTIAL: X

TYPE OF WORK: Geochemistry, trenching

OPEN FILE:

REPORT FILED UNDER: Geoff Rushant

DATE PERFORMED: June 30-July 4, 1994

DATE FILED: February 27, 1995

LATITUDE: 60 01

AREA: Bennett Lake

LONGITUDE: 134 56

VALUE: $400

CLAIM NAME AND #: Scout 8,9

WORK DONE BY: Geoff Rushant

WORK DONE FOR: Geoff Rushant

DATE TO GOOD STANDING	

REMARKS: Galena, sphalerite, pyrite and chalcopyrite mineralization is exposed intermitently over 300 meters in a shear zone within felsic to andesitic volcanics. The shear strikes N40E and dips vertically to steeply NW. The best assay was in trench 7 in which a 1.22 meter chip sample across the shear returned 279.3 g/T Ag, 0.42% Cu, 1.47% Pb and 1.37% Zn.

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

M.R. file no.

R.M.M.R. file no.

Date forwarded 27 Feb '95

TRANSMITTAL FORM

From ▶ Mining Recorder at: Whitehorse

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☐ DIAMOND DRILL LOGS — Claims — Claim sheet no.
- ☑ QUARTZ ASSESSMENT REPORT — Claims: Scout 8, 9 — Claim sheet no.

Type of report: Trenching, Sampling

Submitted by: Geoff Rushant

Cls. work performed on: Scout

$ req. for ren. application: 400.00

OFFICE OF THE REGIONAL MANAGER MINERAL RIGHTS FEB 27 1995 WHITEHORSE YUKON TERRITORY

M Southwick
Signature

Date returned

REPLY ACTION

Signature

802-37 (7-88)

093243

REPRESENTATION WORK REPORT

TRENCHING, SAMPLING AND ASSAYS

Done on

SCOUT 8 YB 26373

SCOUT 9 YB 26374

NTS 105 D/2

60° 01′ N 134° 56′ W

JUNE 30 1994 - JULY 4 1994

GEOFF RUSHANT

BOX 6, CARCROSS, Y.T., Y0B 1B0

821-4401

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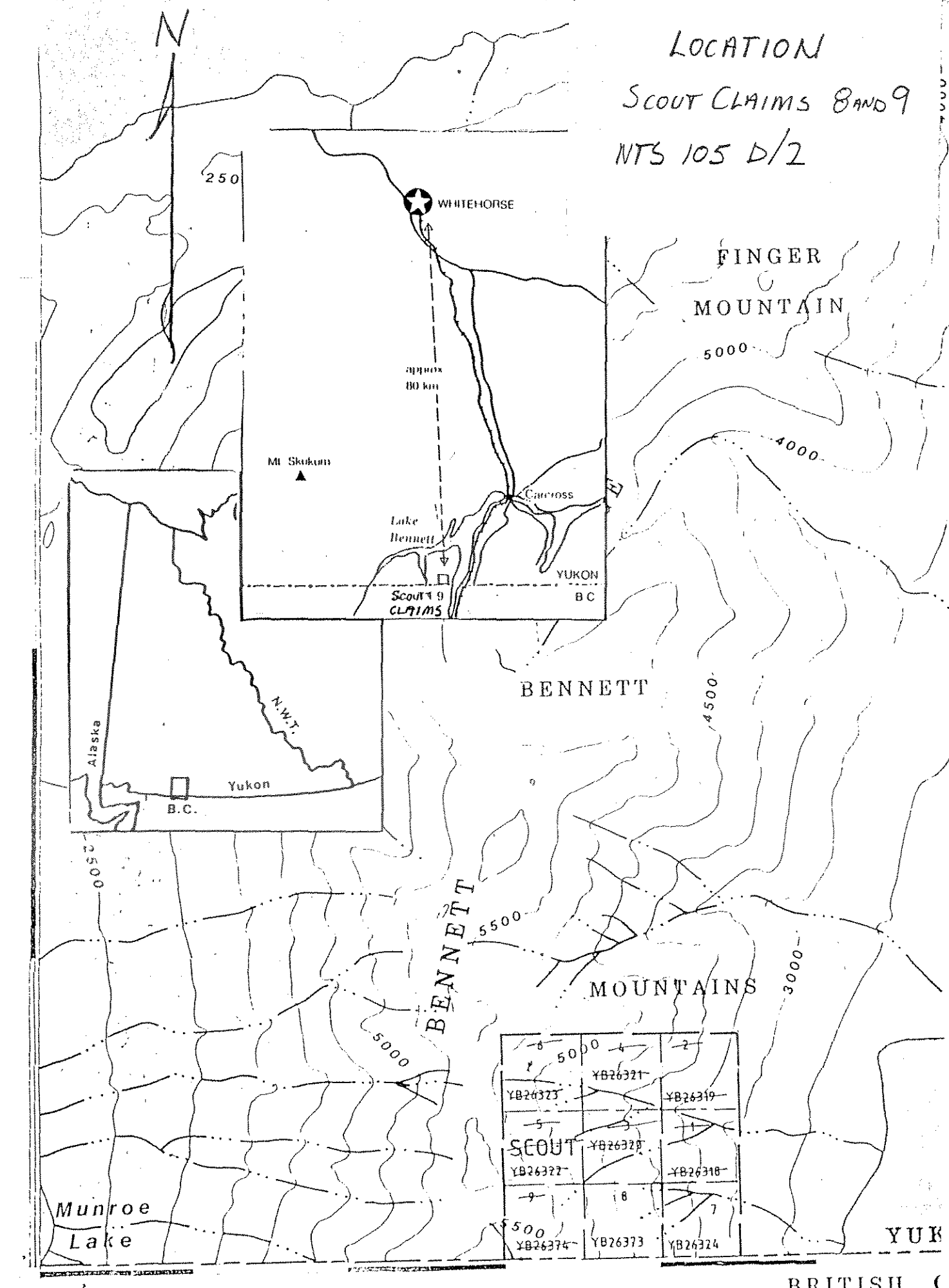

LOCATION
SCOUT CLAIMS 8 AND 9
NTS 105 D/2
N
250
WHITEHORSE
approx
80 km
Mt Skukum
Carcross
Lake
Bennett
YUKON
BC
Scout 9
CLAIMS
FINGER
MOUNTAIN
5000
4000
BENNETT
4500
N.W.T.
Alaska
Yukon
B.C.
5500
BENNETT
5500
MOUNTAINS
3000
5000
SCOUT
YB26321
YB26323
YB26319
YB26322
YB26320
YB26318
YB26374
YB26373
YB26324
Munroe
Lake
YUK
BRITISH
15° 00'

INTRODUCTION

This work was undertaken to explore the extent of silver, copper, lead and zinc mineralization associated with a shear in rhyolitic and andesitic volcanic rocks.

Work was done on Scout claims 8 and 9, YB26373 and YB26374, owned by Geoff Rushant. Work was done between June 30, 1994 and July 4, 1994.

HISTORY

Staked July/67 C. Johns Anna/Dora claims

Staked July/77 Ross Bennett JV Ben claims. Mapping, geochem and radiometric surveys were carried out.

Staked July/89 G. Rushant Performed prospecting, stream sediment surveys. Results led to current program focused on exposed mineralization in sheared zone.

LOCATION, ACCESS AND PHYSIOGRAPHY

Claims are situated on the east slope of the Bennett Range adjacent Bennett Lake, at an elevation of 4000 ft to 5500 ft above sea level. From lake level at 2150 ft to approximately 4500 ft is covered by colluvium supporting coniferous trees and boreal shrubs at lower levels and sparser willow and juniper at higher levels. Most areas without much growth are talus covered. A series of gullies cuts through this. Access has been gained by boat and foot. Helicoptor access could be made in some locations.

GEOLOGY

The property lies adjacent the probable strike of the Llewellyn fault. The claims are underlain by a rhyolite plug on the north and its contact with Jurassic Laberge group argillite to the east. There are cretaceous hypabissal andesites to the SE and Proterozoic to Palaeozoic metamorphic rocks to the south.

The rhyolite which forms the bulk of outcrop on the property is light grey to green in colour. Locally pyritic to 10%, variably feldspar phyric.

References: GSC open file Hart and Radloff 1990 - 1

GSC open file M. Mihaynuk and Rouse 1988 - 5

MINERALIZATION

Galena, Sphalerite, Pyrite and Chalcopyrite occur in a zone of sheared felsic to andesitic volcanics striking N40E, dipping vertically to steeply NW. Mineralization is found intermittently along 300 m of this structure. Sulphides are hosted in two types of rock:

1. As stringers and disseminations in a khaki coloured propylite made up of actinolite, chlorite and epidote. This unit, where seen, is at the edge of ice in the gully bottom. It is tabular in form, up to 8 feet wide.

2. As stringers, disseminations and blebs in sheared, carbonatized, felsic to andesitic rock of fine to brecciated texture. It is light to dark green in colour (chlorite, epidote),

70-80% feldspar and interstitial quartz. These zones are up to 4 feet thick.

Magnetite occurs locally in rhyolite, metamorphosed volcanics and sedimentary rocks on the property although not noted in the sheared zone.

WORK

Previous work turned up mineralization at two locations in a large gully extending approximately 600 meters from 4500 feet to 5500 feet, trending N40E. Thirteen pits were dug with a pick into overburden and weathered rock to try to determine strike extent of mineralization. Six samples were collected from the pits, one from an existing pit, and one of a rhyolite breccia SE of the shear zone. All were analyzed by Northern Analytical Laboratories Ltd. of Whitehorse, Yukon. Five were done by assay for copper, lead, zinc, silver, and three by ICP multi-element analysis. All had gold determination done by fire assay, AAS finish.

Descriptions of material found in pits and those that were analyzed are listed below. Sample and pit locations appear on the map in the appendix.

Pit 1 2′ x 2′ x 3′ Grey green blocky fracturing 50% feldspar, 15% chlorite epidote clots, dark green matrix - fizzy with HCL

Pit 2 2′ x 2′ x 3′ Grey green Rhyolite feldspar 40%, 5-10 % chlorite epidote, 50 % greyish quartz

Pit 3	2′ x 2′ x 2′	Sheared rock as pit 1 contact with mafic volcanic dike. Minor galena and chalcopyrite on shear planes.
Pit 4 Pk 94-2	1′ x 2′ x 4′	Rock as pit 3. Minor galena in grey green felsic rock. Chalcopyrite on fractures in mafic volcanic.
Pit 5	2′ x 2′ x 2′	Quartz/feldspar fragments in chloritic? carbonatized matrix. Minor galena sphalerite.
Pit 6	2′ x 3′ x 4′	Quartz, galena sphalerite blebs and disseminations with fine black fragments and calcite in grey matrix.
Pit 7 Pk 94-5	2′ x 4′ x 4′	Fine grain galena, sphalerite pyrite in sheared grey green rock - quartz, chlorite and calcite with white clay gouge at south side. Chip sample 4′.
Pit 8 Pk 94-6	2′ x 3′ x 8′	Brown-green fine grain carbonatized amphibolite (actinolite)? Py ga sphal as stringers, and disseminations. Manganese stained. Chip sample across 8′.
Pit 9	2′ x 3′ x 3′	Through overburden and fractured grey rhyolite.
Pit 10	2′ x 3′ x 3′	Overburden and fractured bx 'pink carbonate' and chlorite.
Pit 11	3′ x 3′ x 3′	Rock as pit 8.
Pit 12 PK 94-8	1′ x 2′ x 2′	Rock as pit 8 adjacent snow. Chip sample across 2′.
Pit 13 Pk 9473	2′ x 2′ x 3′	Rusty shear. Fine grain grey volcanic rock Py > 10%.
SC-8	Grab sample. Quartz carbonate rhyolite breccia.	
PK94-9	Grab sample of limonitic material from an old pit.	

RESULTS, CONCLUSIONS and RECOMMENDATIONS

Mineralization was located intermittently along 300 meters of the shear structure, however sample grades are low. There remains a substantial amount of the structure buried under ice and snow in the gully. The strike of the N40E structure goes over a ridge and into a scree slope to the SW, and into a talus/scree slope covering rhyolite to the NE.

More detailed geochemical survey or geophysics may be useful in determining whether further mineralization exists.

STATEMENT OF QUALIFICATION

I have been prospecting in the Yukon Territory since 1989 and have completed the following courses:

Basic Prospecting - Yukon Chamber of Mines, 1988

Advanced Prospecting - Yukon Chamber of Mines, 1989

Advanced Prospecting - Cowichan Bay, B.C., Department of Energy, Mines and Resources, 1990

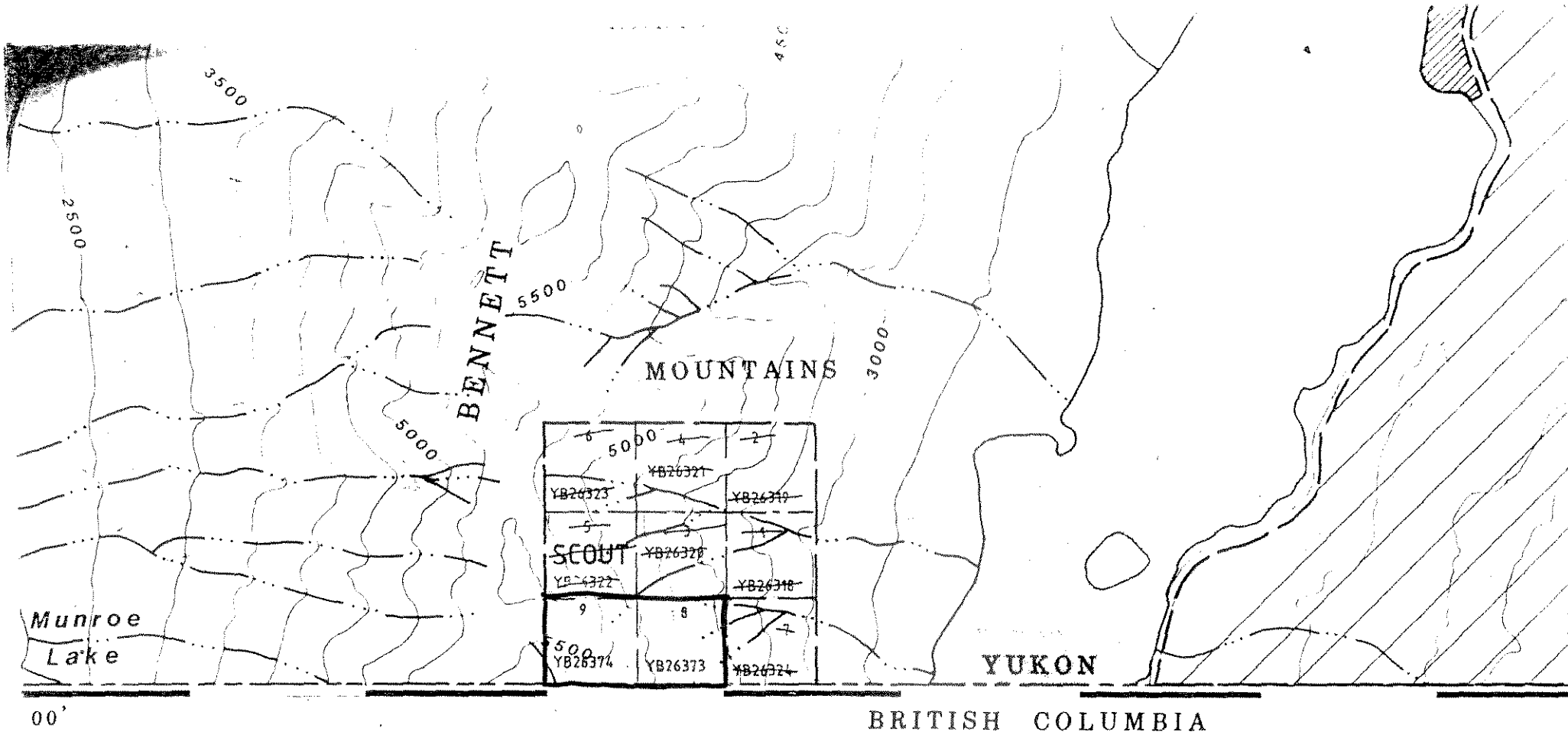
Petrology and Alteration - Yukon Chamber of Mines, 1994

I have done all work covered in this report.

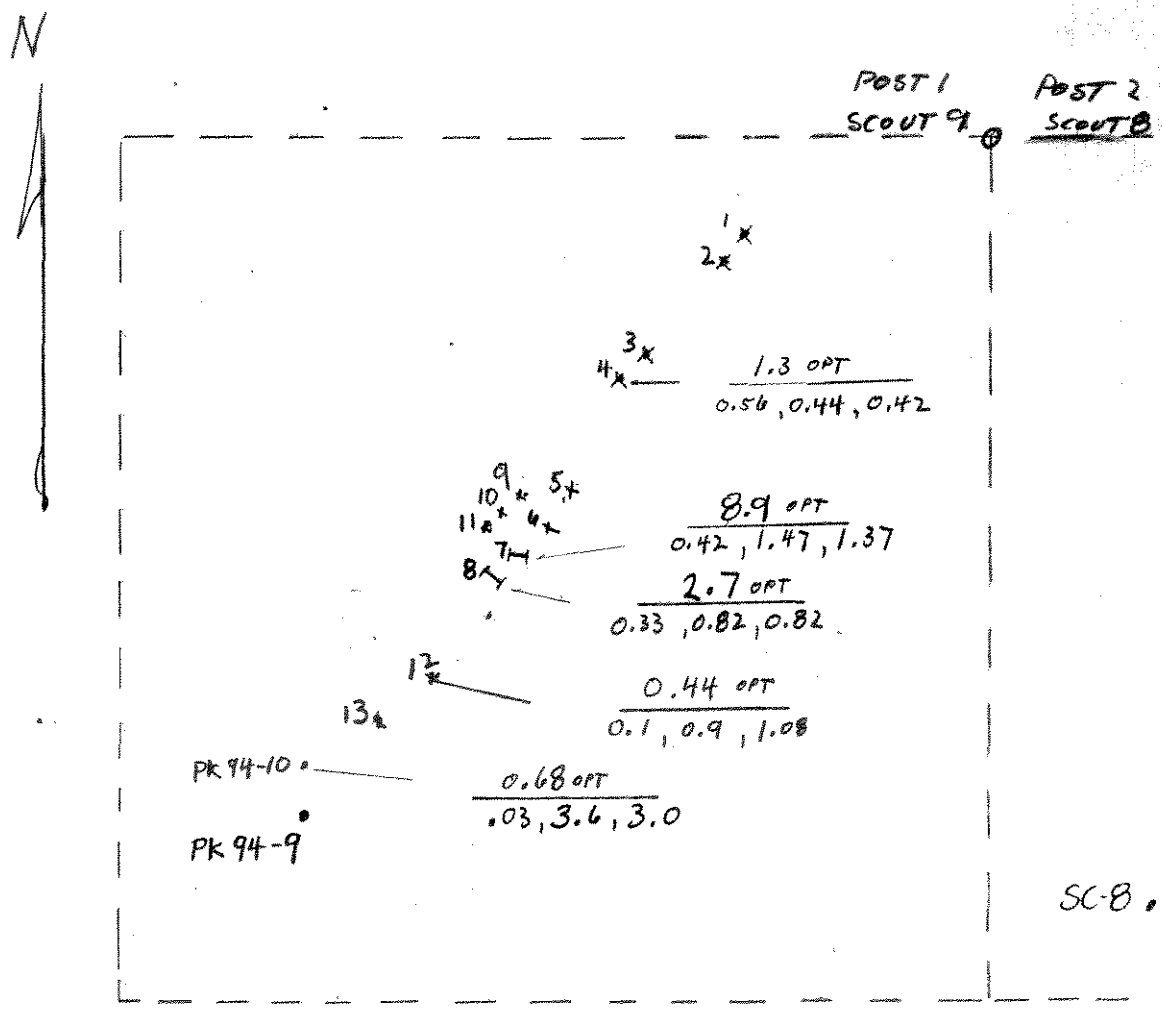
GEOFF RUSHANT

STATEMENT OF COSTS

4 days @ $50	$200.00
Assays	$211.00
8.5^3 yds @ $15/yd	$127.50
TOTAL	$538.50


3500
2500
BENNETT
5500
MOUNTAINS
3000
5000
5000
YB26321
YB26323
YB26319
SCOUT
YB26320
YB26322
YB26318
Munroe
Lake
5000
YB26374
YB26373
YB26324
YUKON
00'
BRITISH COLUMBIA

105 D-2



LEGEND

PIT #1-13 .... ×

TRENCH
CHIP SAMPLE ... ↑

Ag OPT
Cu, Pb, ZN %

SCOUT CLAIMS

PIT LOCATIONS

ASSAY RESULTS

JULY 1994

REGIONAL GEOLOGY

EEr? - Grey Green Rhyolite

EEqp - Pennington Granite 55 Ma K-Ar

LKqp - Porphyritic Alaskite and Granite

Kv2 - Dark Grey/Blue Grey Andesite to Rhyolite

Kvs - Greywacke and Sandy Tuff

mKmvd - Montana Mtn Volcanics Dark Green to Grey Andesite

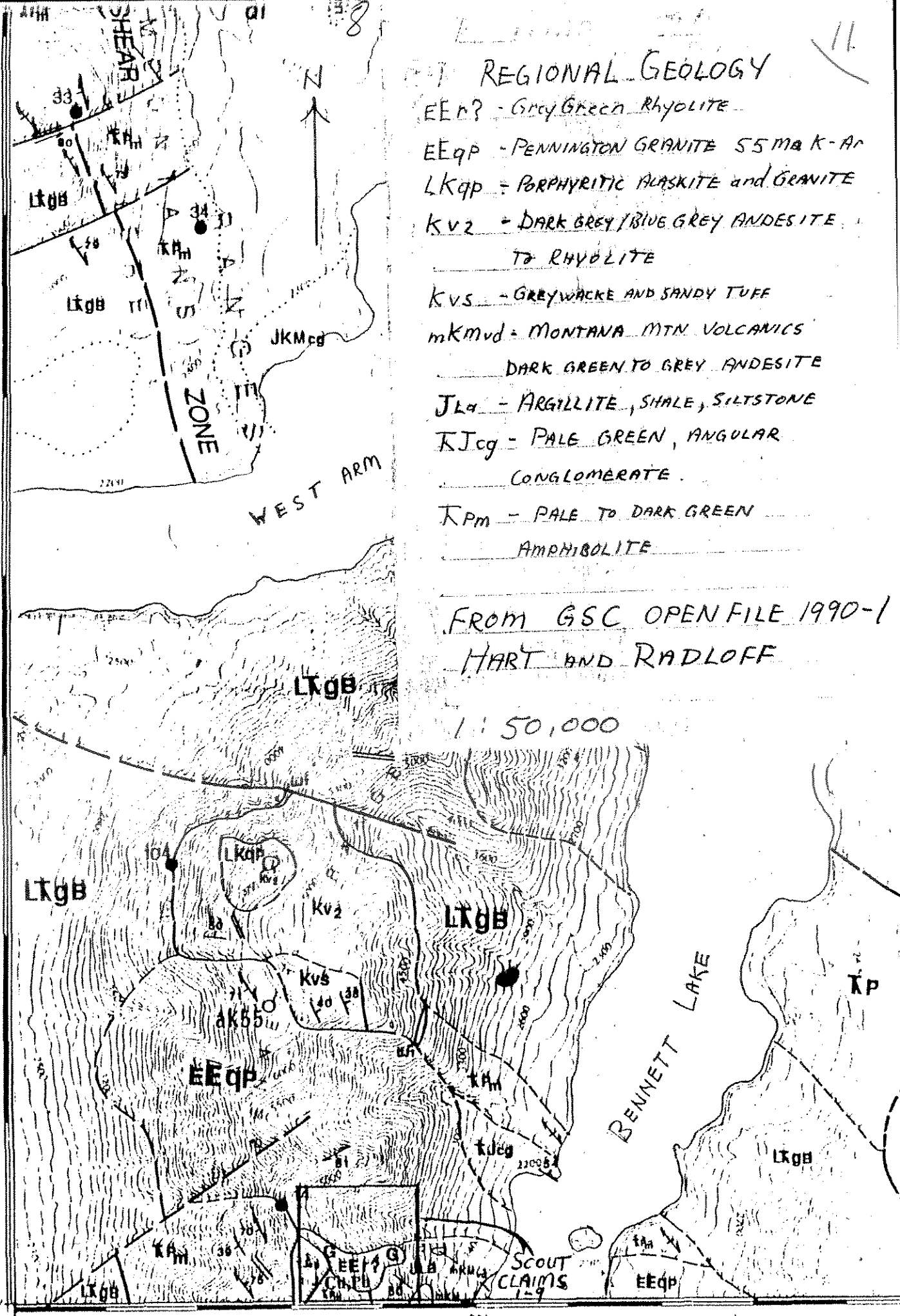
JLa - Argillite, Shale, Siltstone

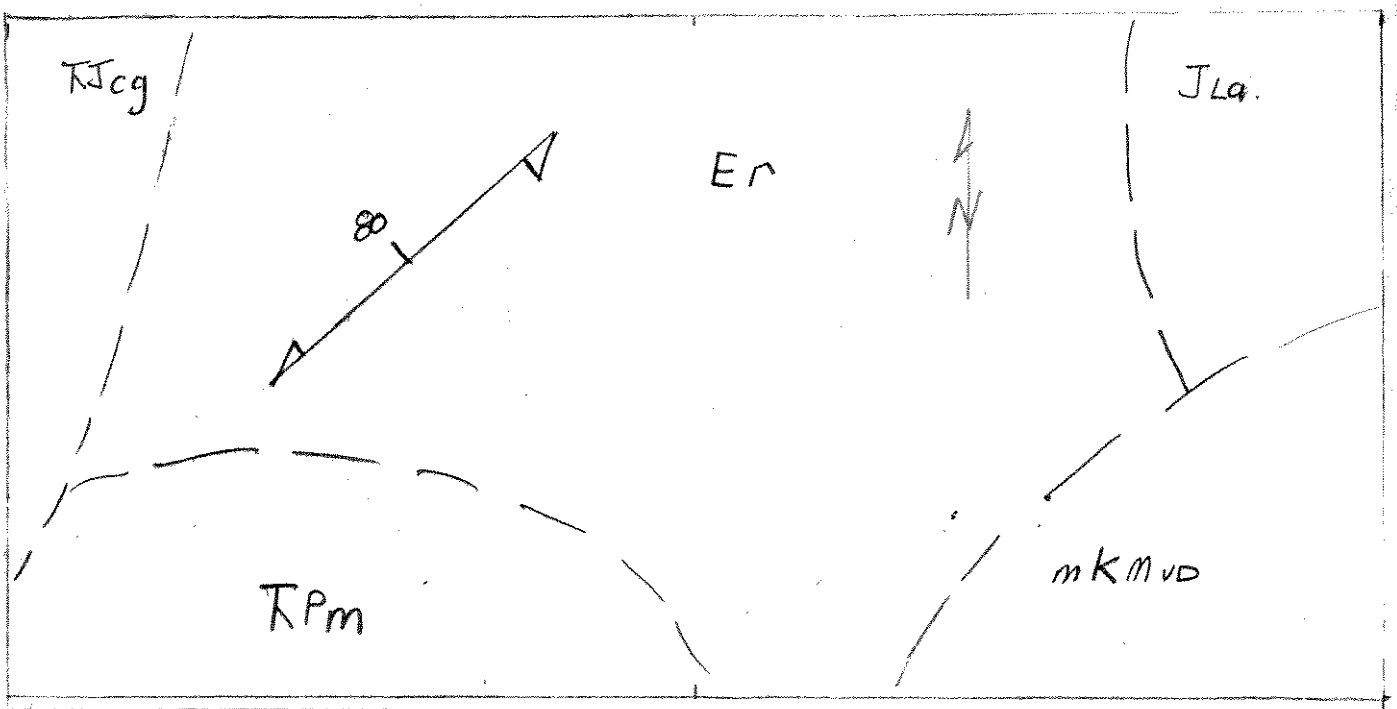
KJcg - Pale Green, Angular Conglomerate.

KPm - Pale to Dark Green Amphibolite

FROM GSC OPEN FILE 1990-1
HART AND RADLOFF

1 : 50,000





Er - TAWNY TO GREY GREEN RHYOLITE

mKMvD - GREY TO DARK GREEN ANDESITE.

JLa - ARGILLITE, SHALE, SILTSTONE HORNFELS.

TJcg - PALE TO LIGHT GREEN RHYOLITE BRECCIA?

TPm - DARK GREEN TO BLACK FINE GRAINED (AMPHIBOLITE)

- SHEAR ZONE

GEOLOGY 1:5000

SCOUT CLAIMS 8 AND 9

Northern Analytical Laboratories ltd.

13

27/07/94 Assay Certificate Page

Geoff Rushant WO#25274

Sample #	Au ppb	Ag oz/ton	Cu %	Pb %	Zn %
SC-8	5				
PK 94-2	6	1.30	0.569	0.447	0.427
PK 94-5	16	8.93	0.420	1.470	1.370
PK 94-6	13	2.74	0.337	0.829	0.820
PK 94-8	5	0.44	0.103	0.998	1.080
PK 94-9	9				
PK 94-10	5	0.68	0.030	3.630	3.040
PK 94-73	12				

Certified by

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

INTERNATIONAL PLASMA LABORATORY LTD.

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

CERTIFICATE OF ANALYSIS
iPL 94G1505

Client: Northern Analytical Laboratories iPL: 94G1505 Out: Jul 20, 1994 Page 1 of 1 Section 1 of 1
Project: WO 25274 3 Pulp In: Jul 15, 1994 [032115:27:49:49072094] Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
SC 8	P	3.7	16	220	73	134	84	<	3	<	<	1.8	3	7	48	<	102	9	692	<	121	1	<	0.03	1.63	2.40	0.65	1.06	0.08	0.07	0.03
PK 94- 9	P	1.4	46	262	544	36	<	<	5	<	<	5.0	15	11	3	<	28	61	4573	14	45	1	2	<	3.35	0.52	8.84	1.32	0.06	0.04	0.04
PK 94-73	P	0.7	35	53	325	29	<	<	4	<	<	2.7	7	9	37	<	95	7	360	5	22	1	<	<	0.70	0.09	3.31	0.28	0.23	0.03	0.03
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	999			5.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP			ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test <=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 Z=Estimate

International Plasma Lab Ltd. 2036 Columbia St. Ph:604/[illegible] Fax:604/[illegible]