

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

PROGRAM YEAR: 2001/2002

REPORT #: PAP 01-50

NAME: LORNE WARREN

Jimmay creek Project 2001

94C 3E

125 04 38 West Longitude

56 13 12 North Latitude

Prospecting Report

Dec. 15 2001

By

L.B. Warren

MINISTRY OF
ENERGY & MINES

JAN 31 2002

RECEIVED
SMITHERS, B.C.

P100

D. TECHNICAL REPORT



Ministry of Energy and Mines
Energy and Minerals Division

- One technical report to be completed for each project area.
- Refer to Program Regulations 15 to 17, page 6.

SUMMARY OF RESULTS

- This summary section must be filled out by all grantees, one for each project area

Information on this form is confidential
one year and is subject to the provisions
of the *Freedom of Information Act*.

Name LORNE B. WARREN Reference Number P100

LOCATION/COMMODITIES

Project Area (as listed in Part A) Tim May Creek MINFILE No. if applicable 094C 022

Location of Project Area NTS 94C 03E Lat 56°13'12" Long 125°04'38"

Description of Location and Access On Timmay CREEK 50km NW of
German sen Landing

Prospecting Assistants(s) - give name(s) and qualifications of assistant(s) (see Program Regulation 13, page 6)

Corey Degraesse, John Mirko, Bill Garner, Wes Luck.
73 mandays in total.

Main Commodities Searched For Ag/Au.

Known Mineral Occurrences in Project Area Ruby 94C 022.

WORK PERFORMED

1. Conventional Prospecting (area) 30 km
2. Geological Mapping (hectares/scale) 5 sq. km @ 1:5000
3. Geochemical (type and no. of samples) 178 Soils 8 Silts, 8 Rock.
4. Geophysical (type and line km)
5. Physical Work (type and amount) Trail cutting 7km of old Road.
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

FEEDBACK: comments and suggestions for Prospector Assistance Program

Great program - would not of under taken this
project without this Assistance.

L. Warren.

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Appendix 1	Assay results
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Summary and Conclusions

A total of 73 mandays were spent in prospecting in the Jimmay Creek area. A soil grid was established and sampled with generally poor results maybe due to the low sulphide type of Quartz veins present here. A low order Zinc anomaly outlines the general trend of the known Quartz vein system and indicates a number of new zones to the west of the main trench area. General prospecting of the whole drainage area of Jimmay creek has discovered many new Quartz veins and vein zones which require more work. Cutting out the old road to the property will allow much easier access to undertake a new program of prospecting and soil sampling in 2002.

Location and Access

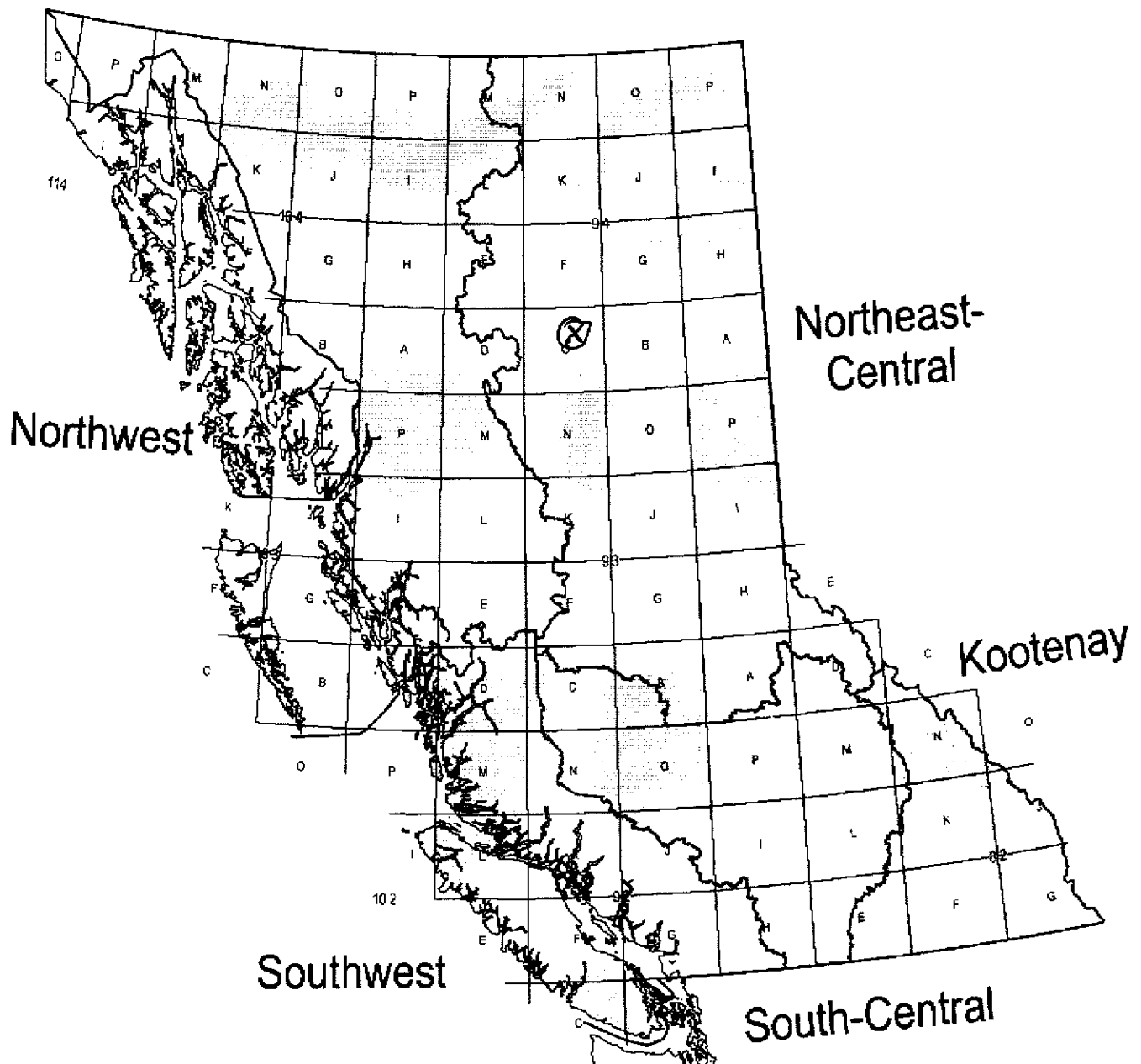
Access to the Jimmay property is via various logging roads north of Fort St. James to the main logging camp at Km 42 on the Osilinka Logging road then North for 4.5 Km to the Maynot Creek forest access road. Proceed 1Km to the access road which follows the Kemess Power line right of way. Turn south for 500 metres where the powerline right of way crosses the old Jimmay creek mining road built in 1942 and reconditioned in 1965. Follow the Jimmay creek road for 7.1 Km to the old cabin then follow the old road up the creek for 500 metres to the old Cat trench on the Ruby workings.

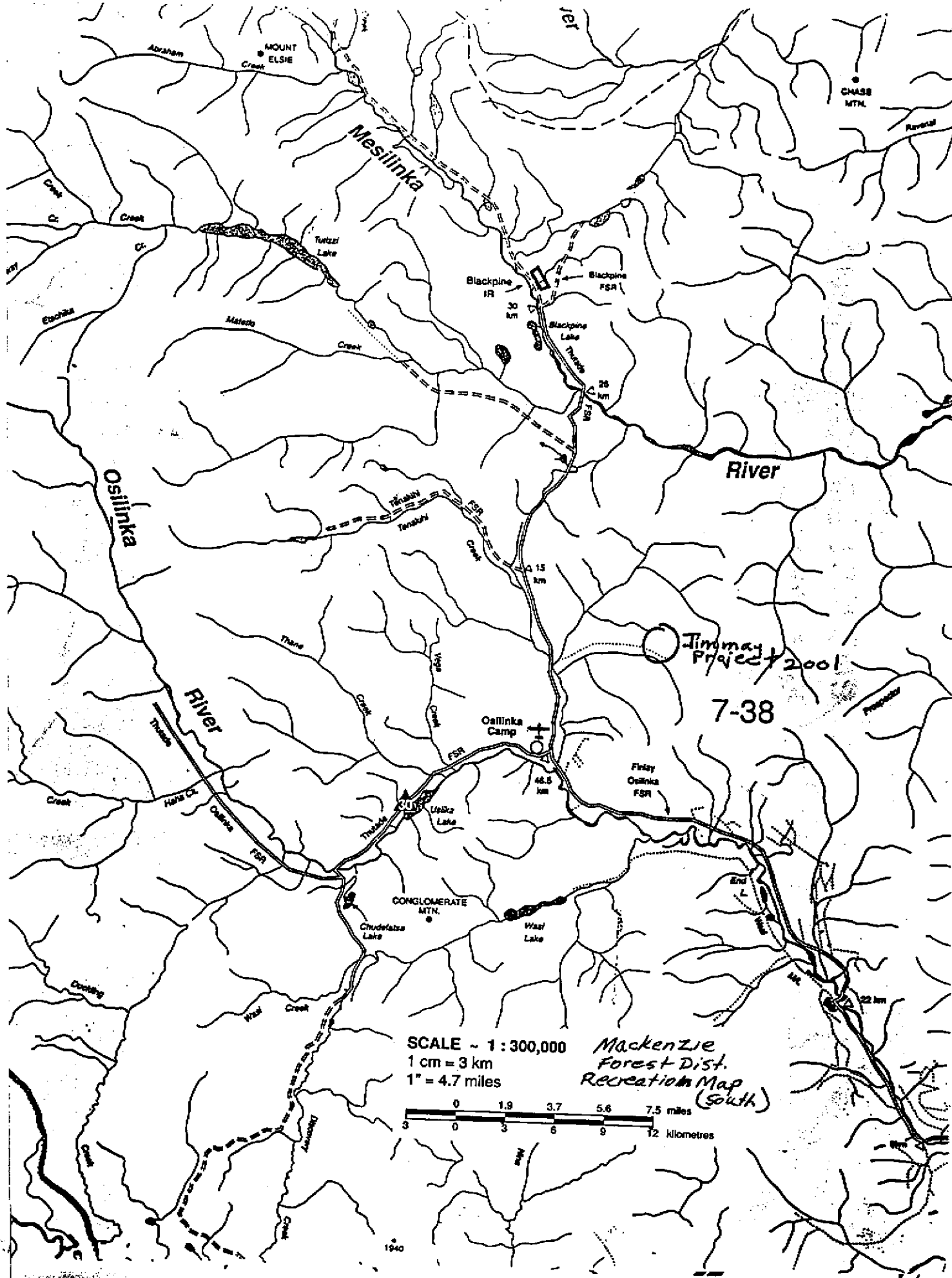
The showings are approximately 50 Km northwest of Germansen Landing B.C.

PROGRAM PROPOSAL - PART B

Location of Proposed Project(s)

Indicate on this map (using an "X") the general location of each of the projects covered by this proposal.





Regional Geology

The area is underlain by the Swannell Formation . The Swannell Formation consists of grey to tan , thin to thickly bedded impure quartzite in sequences several metres thick, interlayered with lesser, thin to moderately bedded garnet-bearing biotite-muscovite-feldspar-quartz schists. The impure quartzite contains up to 20 per cent feldspar and mica. These schists are commonly chloritized and contain a weak to moderate crenulation. The Swannell Formation is Upper Proterozoic in age.

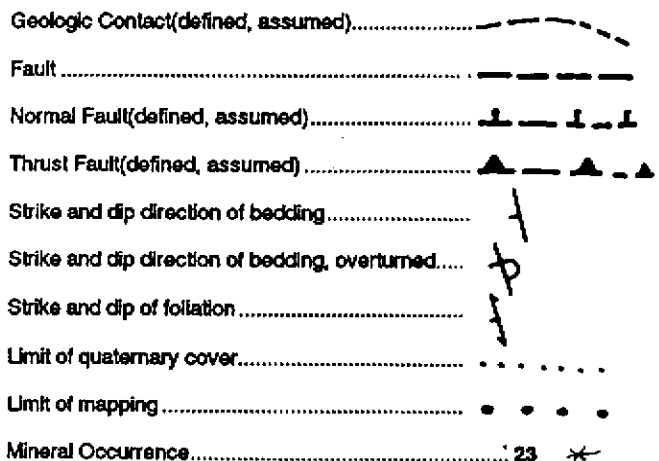
Property Geology

The Ruby showings are mineralized quartz veins in an area of anomalous fold structures. They have strikes of north 20-35 degrees east and dip about 50 degrees southeast. They cut across quartzites, schists and intrusive dikes without any change in character. Two distinct and in part, overlapping sequences are recognized. The earlier one is referred to as arsenopyrite veins and consist of opaque quartz- breccia veins containing silicified fragments of quartzite and schist with fine grained arsenopyrite and in part, minor pyrite, sphalerite and galena. They carry fair gold and low silver values. The later one is referred to as ruby silver veins and consist of stockworks of white, vuggy quartz and silicified, quartz-healed breccia containing pyrite with subordinate ruby silver, tetrahedrite and chalcopyrite. They carry low gold and high silver values. They have frozen walls and show a marked bleaching of the invaded quartzites and schists with development of sericite. A third type of tabular quartz veins up to 6 metres wide, strike northwest and dip vertically. They are much earlier than the above than the above described and are referred to as quartz-tourmaline veins. They are barren except for a little pyrite with trace amounts of molybdenite and contain erratic stringers of massive arsenopyrite-sphalerite close to their intersection by the northeast system of veins.

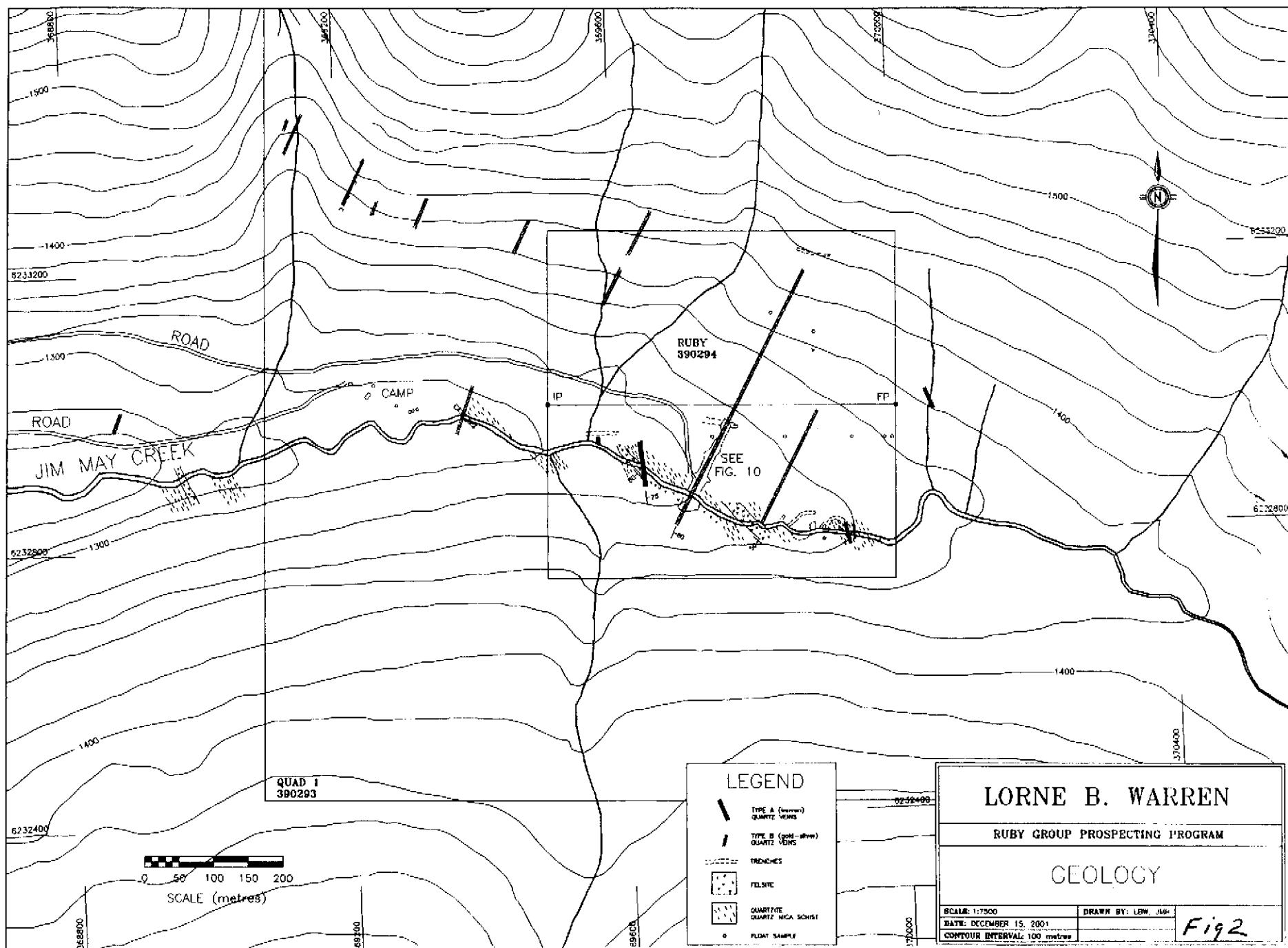
(above description is from E.Bronlund's private report 1962)

Bronlund's observations are considered to be very important since he was in charge of the original work and saw the workings before they had sloughed in. When Roots(Roots Memoir 274 1954) examined the property in 1954 the trenches had already sloughed in covering the veins which had been sampled by E. Bronlund.

Placer gold (2737 grams) was recovered from Jimmay creek from 1936- 40 . This placer work occurred on the lower part of Jimmay creek.

LAYERED ROCKS**Quaternary****Qal***alluvium, sands, gravels***Upper Cretaceous to Tertiary****Sustut Gp****KTs***sandstone, conglomerate, siltstone, coal***Lower Cretaceous****IK***conglomerate, sandstone, siltstone, argillite, minor coal***Lower Jurassic to Lower Tertiary****JTu***USLIKA FM: heterolithic boulder conglomerate, lesser sandstone***Lower Jurassic****Takla Gp****IJtm***maroon to grey basalts, agglomerates, tuffs, plagioclase and augite phyric***Upper Triassic****uTrp2***PLUGHAT MOUNTAIN FM: augite phyric agglomerates, basalts, tuffs***uTrp1***PLUGHAT MOUNTAIN FM: tuffs, tuffaceous, siltstone, argillite, agglomerate minor limestone***Pennsylvanian to Permian****Nina Creek Gp****PPnp***PILLOW RIDGE FM: massive to pillowed basalt, lesser chert, argillite, gabbro***PPnh***MOUNT HOWELL FM: argillite, chert, gabbro, minor basalt, wacke, felsic tuff***Mississippian to Permian****Lay Range Assemblage****MPI1***green, maroon tuffs to siltstones, agglomerate, basalt, argillite, gabbro, minor limestone***MPI2***basalt, gabbro, serpentine, minor amphibolite, chert, chlorite, schist***MPI3***black argillite, shale, phyllite, limestone, argillaceous limestone, sandstone, quartzite***MPI4***grey, quartz-feldspar (dacite) tuff, minor argillite, sandstone***Upper Devonian to Lower Mississippian****Big Creek Gp****DMbc***dark grey to blue grey shales, argillites, minor siltstones, siltite***Lower Cambrian to Middle Devonian****Atan Gp, Razorback Gp,****Echo Lake Gp, Otter Lakes Gp****CD***limestone, dolomite, lesser shale, quartzite argillaceous limestone***Upper Proterozoic****Ingenika Gp****Pi***Undivided: impure quartzite, schist, phyllite, limestone, feldspathic wacke, arkosic sandstone***Pst***STELKUZ FM: phyllite, slate, sandstone, siltstone, graphitic slate***Pe***ESPEE FM: limestone, dolomite, dolomitic limestone, marble***Pts***TSAYDIZ FM: green-grey slates, phyllites, limestone, marble, argillaceous limestone***Psw***SWANNELL FM: impure quartzite, sandstone, schist, garnet-mica schist***INTRUSIVE ROCKS****Late Triassic to Cretaceous****Hogem Intrusive Complex****TrKh***monzonite, quartz monzonite, syenite, quartz syenite***Late Triassic to Early Jurassic****Tenakihi Intrusive Body****TrJt***monzodiorite, diorite or gabbro***Middle Triassic to Lower Jurassic(?)****Wasi Lake Ultramafic Body****TrJw***serpentine, gabbro, minor listwanite, apite*

* See Geological Fieldwork 1991
Paper 1992-1 pgs. 132-134



Exploration History

An occurrence of high grade silver ore was discovered in 1944 on Jimmay creek and staked for Cominco. Cominco did considerable surface work on the showing in 1945-46 which indicated that it was discontinuous and broken up by faulting. Rich ore float upstream from the workings indicated the presence of other veins but due to the lack of outcrop and the remote location and difficulties of transportation at that time, this was not followed up.. The claims were restaked in 1962 by E. Bronlund (P.Eng.) It is not known if any of the work recommended by Bronlund was actually carried out at this time.

The workings were restaked as the Cabin claims in 1988 by Skylark Resources who did a Geological Report at that time (Assessment Report # 17458)

Lorne Warren visited the property in 1988 with John Mirko of Skylark Resources.

Lorne Warren staked the claims first in 1991 and maintained a presence in the area to the present day of this report. Prospecting during this time consisted only of short day trips to the property via helicopter. Private reports on the property by E. Bronlund were obtained in early 2001 and were the source of information showing that the property had good silver /gold values in quartz veins in the old workings which had sloughed in over the years. The new information provided encouragement to undertake the present program of soil sampling and prospecting,

Property Status and Ownership

The Jimmay property consists of one 2-post claim and one 20 unit block of mineral claims.

<u>Claim Name</u>	<u>Record No</u>	<u>Expiry date</u>
Quad 1	390293	Sept. 30, 2002
Ruby	390294	Oct. 12, 2002

The claims are owned by L.B. Warren

This report when filed will be used to bring the expiry date to the year 2005 for both of the claims.

Mineral Titles Map
94C-3E
Scale: 1:31680

Jim

May

Cr

QUAD 1

390293



MINERAL & PLACER RESERVE

B.C. REG 269/99

1999 AUG. 23

SUBJECT TO CONDITIONS

Kemess River

Project Objectives

1. Stake more mineral claims
2. Establish soil grid over know vein occurrences.
- 3 Prospect the grid area
- 4 Prospect the general area of the Jimmay creek valley
- 5 Locate the old trenches marked on E. Bronlud's maps
- 6 Map the veins where ever possible and sample them

Prospecting Results

Prospecting covered the Quad 1 and Ruby mineral claims in detail . General prospecting covered the rest of the drainage of Jimmay creek. The old trenches dug in the 1940's and in the 1960's were located and sampled where possible. The trenches were badly sloughed and overgrown and will require a program to clean them out and sample them. The prospecting has shown that there are numerous veins and vein zones requiring trenching with a Tracked Backhoe.

Soil Geochem Results

A flagged grid was established centered over the area of interest. A base line 400 metres long on a bearing of True North and South centered on the main showing trench. Wing lines were spaced at 50 metre intervals along the Baseline and extended 400 metres to the East and West except for Line 101 North which was extended an extra 700 metres to the West and line 103 North which was extended an extra 250 metres west to 93+50 E.

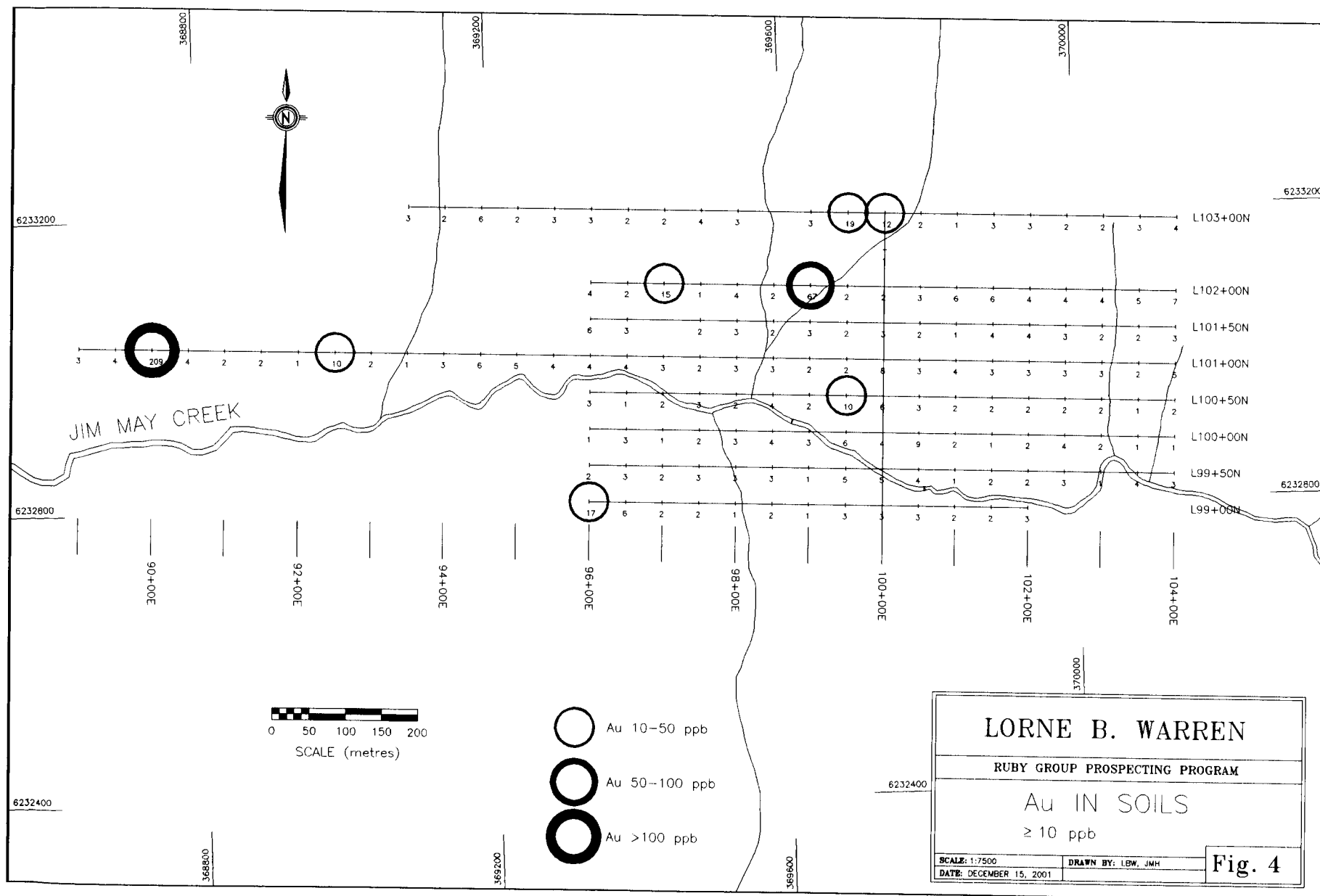
A total of 150 soils were obtained from the grid. Samples of the "B" horizon were obtained and soil depth averaged 20 cm in depth to the "B" horizon. The samples were placed in gusseted Kraft paper soil bags and sent to Assayer Canada's Lab. In Vancouver. Standard 32 element ICP analysis with Fire Geochem for Au was performed on these samples.

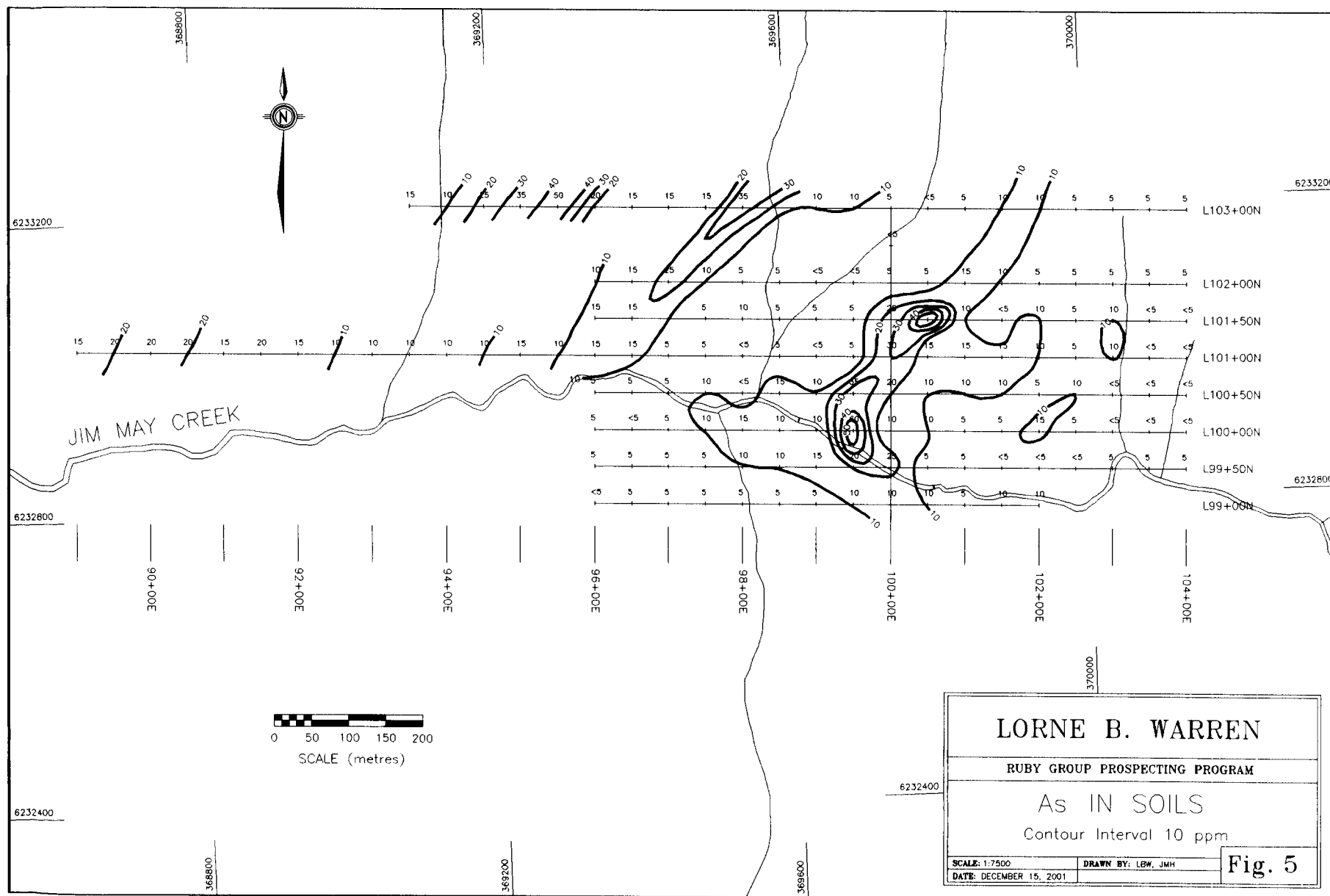
Observations and Conclusions:

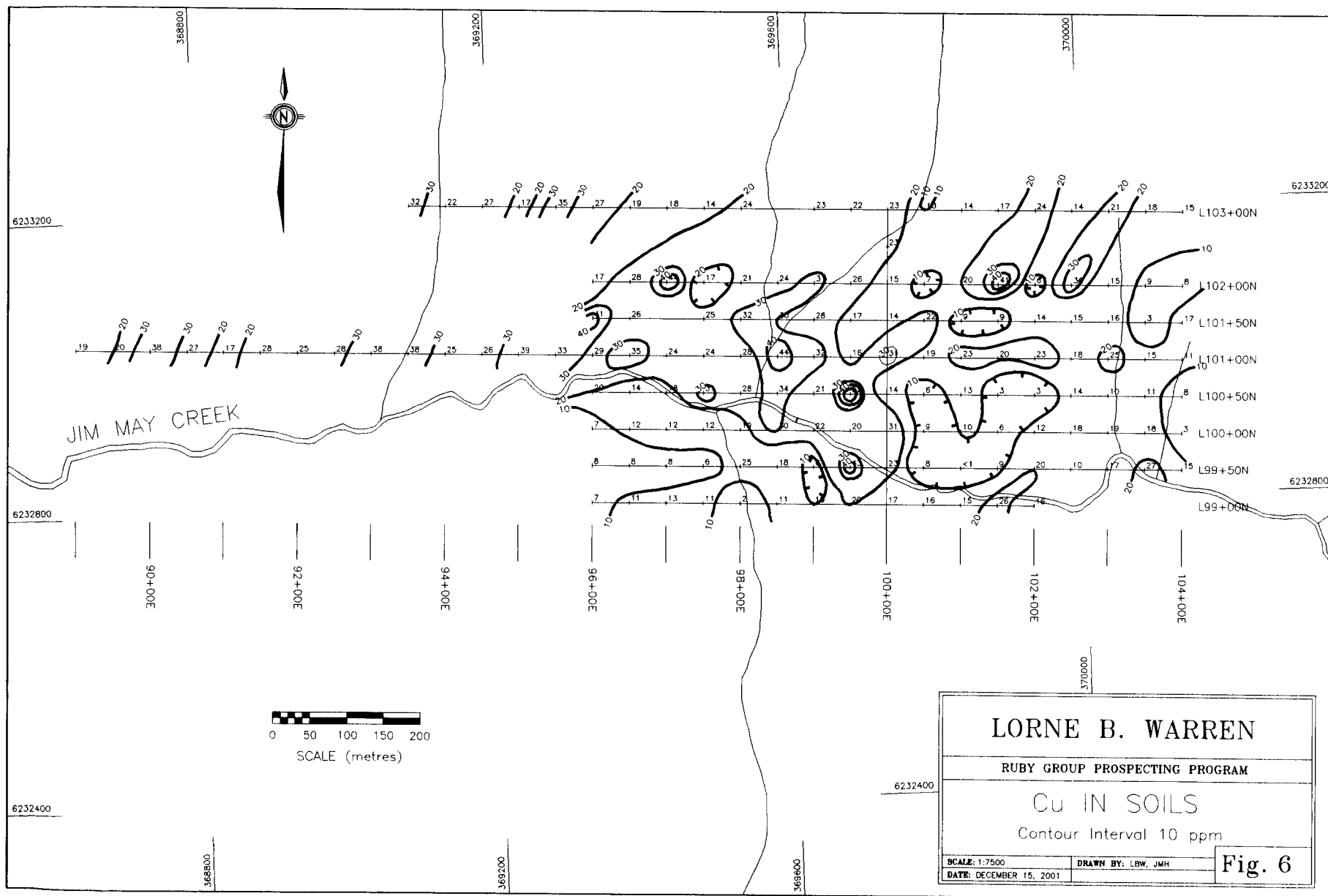
The "B" horizon was found to be poorly developed at most of the sample sites. Wet ground conditions and clay made it difficult to obtain a clean sample. Several soil profile pits were dug to see if we had really obtained the correct horizon.

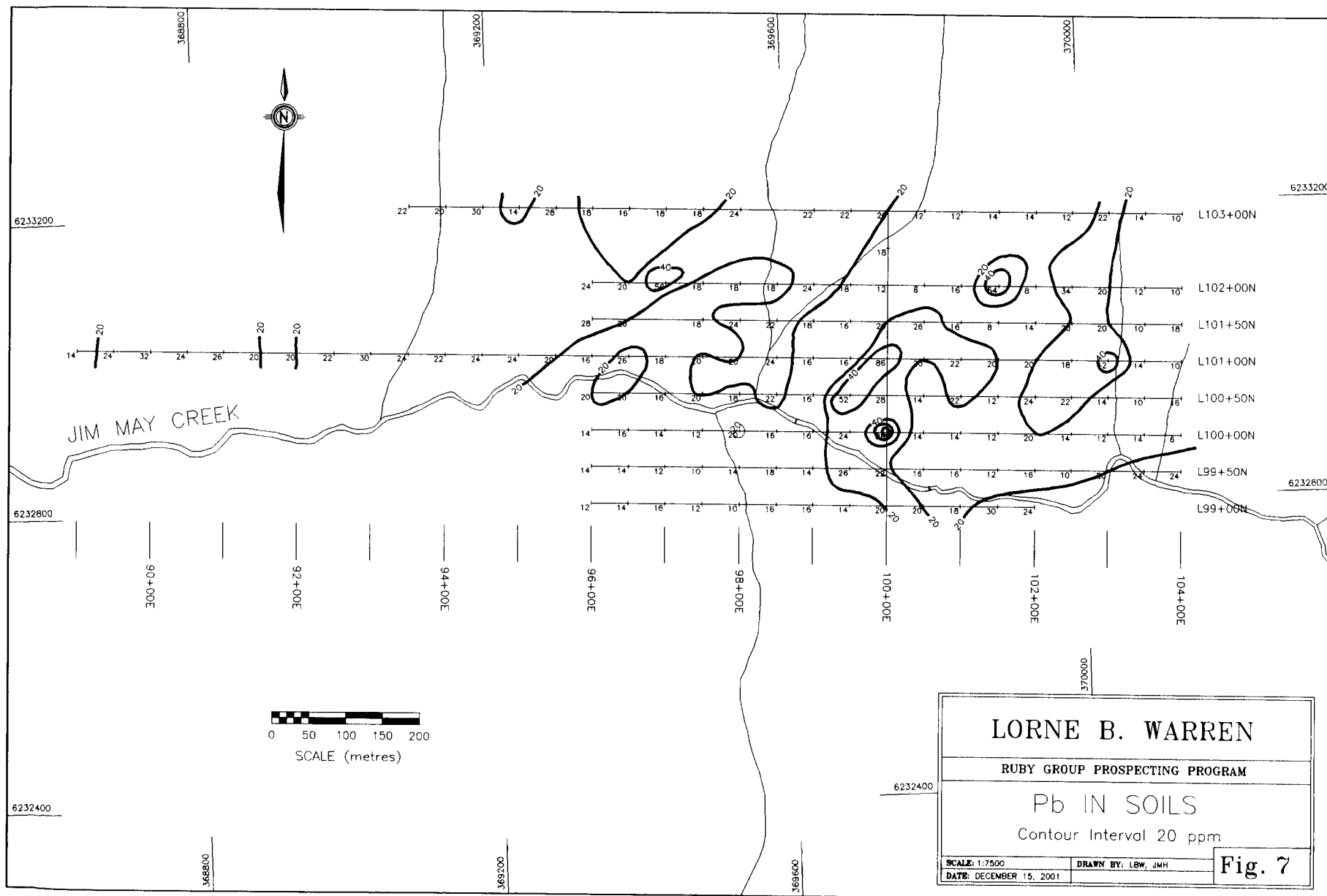
The results obtained on the grid at first were considered to low to really contour any of the elements but we finally decided to lower the values which we would normally consider anomalous and the contouring highlighted the main trend of the known shear vein zone. The results indicated that the values for Cu/Au/Ag/Zn and As all improve to the west side of the grid. We think this may be occurring because of drier soil conditions and less overburden on the West side of the grid. (Fig. 3 - 8)

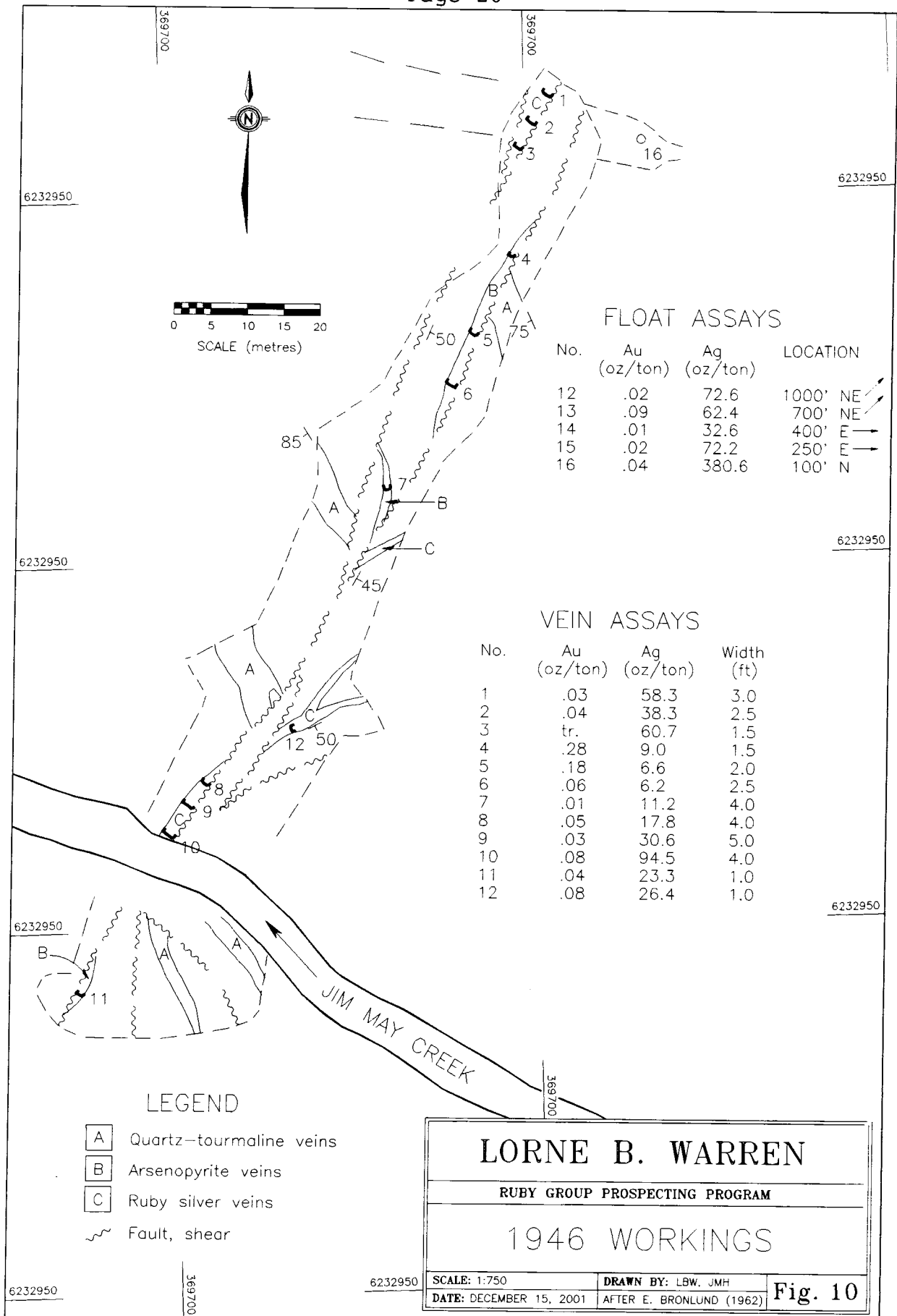
Random blind soil samples are recommended next time to ensure that the results obtained are true values and not a result of lab error.











List of References

EMPR AR 1930-152; 1952 – 100
EMPR GEM 1967 – 120; 1968 – 150
EMPR ASS RPT. # 17458
EMPR FIELDWORK 1991, PP.127-145
EMPR OF 1992 – 11
GSC MEM 274, P.226
GSC MAP 1030 A
Private reports – E. Bronlund (P.Eng.) 1942 , 1962
Assay tags – E. Bronlund (1944-45) Private Cominco Files.

Lorne B. Warren

Statement of Qualifications

1963 – Geological Assistant – Mastodon Highland Bell - Gordon Hilchey – Geologist - Dome Mountain Area.

1964 – Geological Assistant – Phelps Dodge Corp. Stikine area.

1965 – Prospector/Geological Assistant Native Mines.

1966 – 1971 – Full time field tech / line cutter/ Prospector Manex Mining Ltd. –M.J. Beley – Manager

1971 –1979 – Granby Mining Corp. – Field Supervisor, Office manager, Supervised Drill programs- Logged drill core and percussion drill cuttings.

1979 – Present – President and Manager of CJL Ent. Ltd. , Kengold Mines Ltd. And Angel Jade Mines Ltd. – Placer mining/contract exploration work/Full time prospecting.

Appendix 1

CJL Enterprises

Attention: Lorne B. Warren

Project:

Sample: soil

Assaye Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 1V0472 SJ

Date : Nov-14-01

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L99+00N 96+00E	<0.2	1.46	<5	60	0.5	<5	0.11	<1	6	23	7	2.85	0.33	0.66	135	<2	0.02	16	570	12	<5	2	<10	<1	0.08	24	<10	5	52	2
L99+00N 96+50E	<0.2	1.60	5	100	0.5	<5	0.20	<1	7	25	11	2.95	0.47	0.70	185	<2	0.02	17	620	14	<5	2	<10	10	0.07	30	<10	6	58	1
L99+00N 97+00E	<0.2	1.59	5	90	0.5	<5	0.30	<1	8	27	13	3.41	0.47	0.85	265	2	0.02	18	710	16	<5	3	<10	19	0.09	31	<10	7	62	2
L99+00N 97+50E	<0.2	1.84	5	70	0.5	<5	0.20	<1	13	30	11	3.74	0.50	0.91	290	<2	0.02	29	420	12	5	3	<10	14	0.11	32	<10	6	89	3
L99+00N 98+00E	<0.2	0.76	5	40	<0.5	<5	0.05	<1	1	11	2	1.53	0.13	0.22	55	4	0.02	5	160	10	<5	1	<10	6	0.04	33	<10	3	24	1
L99+00N 98+50E	<0.2	1.30	5	100	0.5	<5	0.44	<1	7	23	11	3.35	0.26	0.56	265	<2	0.02	18	580	16	<5	2	<10	36	0.07	29	<10	6	70	2
L99+00N 99+00E	<0.2	1.37	5	70	0.5	<5	0.23	<1	6	24	10	3.23	0.34	0.69	195	<2	0.02	17	530	16	<5	2	<10	14	0.08	28	<10	4	64	2
L99+00N 99+50E	<0.2	1.57	10	110	0.5	<5	0.30	<1	8	25	20	3.43	0.37	0.73	185	<2	0.02	25	820	14	<5	2	<10	19	0.07	28	<10	12	81	2
L99+00N 100+00E	<0.2	1.80	10	90	0.5	<5	0.13	<1	10	30	17	3.93	0.42	0.80	250	<2	0.02	24	560	20	<5	2	<10	3	0.08	31	<10	5	80	2
L99+00N 100+50E	<0.2	1.31	10	60	0.5	<5	0.20	<1	9	22	16	3.04	0.26	0.58	210	<2	0.02	24	660	20	<5	2	<10	8	0.06	26	<10	10	91	2
L99+00N 101+00E	<0.2	1.51	5	70	0.5	<5	0.47	<1	8	26	15	3.51	0.36	0.74	320	<2	0.02	23	890	18	5	3	<10	21	0.08	28	<10	11	76	2
L99+00N 101+50E	0.2	1.83	10	90	0.5	<5	0.34	<1	10	28	26	3.86	0.30	0.76	320	<2	0.02	46	700	30	<5	3	<10	18	0.06	29	<10	20	101	2
L99+00N 102+00E	<0.2	1.85	10	100	1.0	<5	0.23	<1	11	30	16	4.09	0.33	0.78	420	<2	0.02	33	510	24	<5	3	<10	13	0.08	32	<10	9	100	3
L99+50N 96+00E	<0.2	0.99	5	50	0.5	<5	0.03	<1	2	15	8	1.95	0.20	0.34	100	<2	0.02	10	310	14	<5	1	<10	2	0.04	21	<10	3	32	1
L99+50N 96+50E	<0.2	1.51	5	80	0.5	<5	0.15	<1	7	25	8	2.87	0.38	0.69	290	<2	0.02	14	550	14	<5	2	<10	7	0.07	27	<10	5	53	1
L99+50N 97+00E	<0.2	1.53	5	90	0.5	<5	0.26	<1	7	27	8	3.28	0.43	0.79	230	<2	0.02	17	570	12	<5	2	<10	20	0.10	31	<10	6	63	2
L99+50N 97+50E	<0.2	0.95	5	40	0.5	<5	0.22	<1	6	18	6	2.69	0.24	0.52	190	<2	0.02	16	680	10	<5	2	<10	9	0.06	21	<10	5	50	1
L99+50N 98+00E	<0.2	1.80	10	100	0.5	<5	0.30	<1	10	29	25	4.23	0.36	0.78	655	<2	0.02	33	820	14	<5	3	<10	16	0.07	30	<10	21	83	2
L99+50N 98+50E	<0.2	1.60	10	70	0.5	<5	0.39	<1	10	28	18	3.75	0.43	0.81	365	<2	0.02	27	800	18	<5	3	<10	21	0.08	30	<10	13	91	2
L99+50N 99+00E	<0.2	1.05	15	40	0.5	<5	0.22	<1	8	20	6	2.78	0.30	0.60	220	<2	0.02	16	760	14	5	2	<10	7	0.06	21	<10	6	56	1
L99+50N 99+50E	<0.2	1.96	20	90	1.0	<5	0.21	<1	18	37	43	4.69	0.70	1.11	265	<2	0.02	41	720	26	<5	4	<10	6	0.12	37	<10	11	134	4
L99+50N 100+00E	<0.2	1.39	25	80	0.5	<5	0.31	<1	9	27	23	4.25	0.42	0.83	460	<2	0.02	27	620	22	<5	3	<10	14	0.09	28	<10	8	76	2
L99+50N 100+50E	<0.2	1.39	5	40	0.5	<5	0.07	<1	7	23	8	3.23	0.18	0.58	255	<2	0.02	16	450	16	<5	2	<10	<1	0.04	25	<10	4	68	2
L99+50N 101+00E	<0.2	1.14	5	70	0.5	<5	0.11	<1	7	19	<1	3.13	0.14	0.47	330	<2	0.02	12	380	16	<5	1	<10	4	0.04	26	<10	4	43	2
L99+50N 101+50E	<0.2	1.27	<5	60	0.5	<5	0.20	<1	6	23	9	2.72	0.19	0.66	275	<2	0.02	19	680	12	<5	2	<10	8	0.05	22	<10	7	57	1
L99+50N 102+00E	<0.2	1.74	<5	70	0.5	<5	0.25	<1	11	30	20	4.29	0.18	0.89	275	<2	0.02	33	530	16	<5	2	<10	14	0.03	27	<10	11	81	2
L99+50N 102+50E	<0.2	1.40	<5	60	0.5	<5	0.22	<1	7	26	10	3.10	0.17	0.72	140	<2	0.02	18	840	10	5	2	<10	8	0.05	27	<10	7	66	2
L99+50N 103+00E	<0.2	1.44	5	50	0.5	<5	0.17	<1	12	27	17	3.78	0.21	0.77	255	<2	0.02	23	630	20	5	2	<10	4	0.07	28	<10	6	79	2
L99+50N 103+50E	<0.2	1.45	5	60	0.5	<5	0.21	1	20	24	27	4.25	0.36	0.90	515	<2	0.02	37	1020	24	<5	2	<10	1	0.08	27	<10	12	144	2
L99+50N 104+00E	<0.2	1.31	5	60	0.5	<5	0.21	<1	10	24	15	3.34	0.23	0.75	285	<2	0.02	23	320	14	<5	2	<10	10	0.05	25	<10	5	75	2

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO₃
at 95c for 2 hours and diluted to 25ml with D.I.H₂O.

Appen. 1

Signed: 

CJL Enterprises

Attention: Lorne B. Warren

Project:

Sample: soil

Assaye Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 1V0472 SJ

Date : Nov-14-01

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L100+00N 96+00E	<0.2	1.12	5	60	<0.5	<5	0.04	<1	4	20	7	2.30	0.22	0.39	105	<2	0.02	11	360	14	<5	1	<10	3	0.05	30	<10	3	37	1
L100+00N 96+50E	<0.2	1.60	<5	100	0.5	<5	0.22	<1	10	26	12	3.34	0.37	0.76	260	<2	0.02	25	550	16	<5	2	<10	13	0.09	30	<10	6	83	2
L100+00N 97+00E	<0.2	1.30	5	70	0.5	<5	0.22	<1	9	25	12	3.28	0.33	0.70	230	2	0.02	19	520	14	<5	2	<10	12	0.08	29	<10	4	70	2
L100+00N 97+50E	<0.2	1.11	10	40	0.5	<5	0.15	<1	8	20	12	2.74	0.25	0.64	150	<2	0.02	17	570	12	<5	2	<10	4	0.07	21	<10	4	64	1
L100+00N 98+00E	<0.2	1.57	15	50	0.5	<5	0.07	<1	9	26	19	4.06	0.20	0.65	340	<2	0.02	21	490	20	5	2	<10	<1	0.05	25	<10	3	80	2
L100+00N 98+50E	0.2	1.71	10	90	0.5	<5	0.43	<1	12	29	30	3.89	0.44	0.82	360	<2	0.02	40	800	16	5	3	<10	27	0.08	30	<10	16	103	2
L100+00N 99+00E	<0.2	1.49	10	80	0.5	<5	0.38	<1	8	25	22	3.18	0.35	0.74	175	<2	0.02	28	750	16	5	3	<10	24	0.07	25	<10	14	87	2
L100+00N 99+50E	<0.2	1.13	60	90	0.5	<5	0.20	<1	14	20	20	4.87	0.27	0.63	1490	<2	0.02	38	550	24	<5	2	<10	6	0.05	23	<10	7	91	3
L100+00N 100+00E	<0.2	0.91	10	40	0.5	5	0.12	<1	11	16	31	2.94	0.23	0.48	345	<2	0.02	23	710	88	<5	2	<10	<1	0.04	18	<10	8	68	1
L100+00N 100+50E	<0.2	0.97	10	40	<0.5	<5	0.11	<1	4	17	9	2.33	0.17	0.48	100	<2	0.02	13	340	14	<5	1	<10	4	0.05	22	<10	4	48	1
L100+00N 101+00E	<0.2	1.23	5	50	0.5	<5	0.13	<1	6	22	10	3.06	0.18	0.62	125	<2	0.02	15	310	14	<5	2	<10	6	0.05	25	<10	3	60	2
L100+00N 101+50E	<0.2	1.02	5	40	0.5	<5	0.06	<1	5	19	6	2.27	0.17	0.55	100	<2	0.02	13	320	12	<5	1	<10	<1	0.05	19	<10	3	44	1
L100+00N 102+00E	<0.2	1.58	15	40	0.5	<5	0.18	<1	10	27	12	4.66	0.16	0.78	220	<2	0.02	25	560	20	<5	2	<10	4	0.07	29	<10	3	97	3
L100+00N 102+50E	<0.2	1.75	5	100	0.5	<5	0.29	<1	11	33	18	4.51	0.26	0.87	765	<2	0.02	35	580	14	<5	3	<10	17	0.06	31	<10	8	90	2
L100+00N 103+00E	<0.2	1.64	<5	60	0.5	<5	0.36	<1	10	29	19	4.29	0.18	0.93	295	<2	0.02	30	700	12	<5	2	<10	21	0.04	27	<10	8	71	2
L100+00N 103+50E	<0.2	1.63	<5	50	0.5	<5	0.21	<1	16	28	18	4.27	0.16	0.81	255	<2	0.02	30	480	14	<5	2	<10	10	0.03	26	<10	7	95	2
L100+00N 104+00E	<0.2	0.81	<5	40	<0.5	<5	0.13	<1	3	11	3	1.95	0.07	0.39	70	<2	0.02	10	210	6	<5	1	<10	9	0.01	19	<10	3	38	1
L100+50N 96+00E	<0.2	1.91	5	130	0.5	<5	0.18	<1	13	36	20	3.94	0.33	0.85	300	<2	0.02	27	420	20	5	3	<10	15	0.09	37	<10	7	90	2
L100+50N 96+50E	<0.2	1.85	5	120	0.5	<5	0.37	<1	11	29	14	3.93	0.52	0.93	385	<2	0.02	25	630	20	<5	3	<10	26	0.10	35	<10	8	86	2
L100+50N 97+00E	<0.2	1.55	5	100	0.5	<5	0.49	<1	9	27	18	3.72	0.31	0.84	380	2	0.02	27	780	16	<5	2	<10	37	0.07	30	<10	10	84	2
L100+50N 97+50E	<0.2	1.51	10	50	0.5	<5	0.16	<1	14	25	31	4.75	0.20	0.87	305	<2	0.02	43	550	20	<5	2	<10	6	0.03	26	<10	8	110	2
L100+50N 98+00E	<0.2	1.67	<5	40	0.5	<5	0.13	<1	15	31	28	4.84	0.23	1.04	260	<2	0.02	40	560	18	<5	3	<10	<1	0.05	31	<10	7	88	2
L100+50N 98+50E	<0.2	1.24	15	50	0.5	<5	0.22	<1	16	23	34	4.31	0.31	0.78	520	<2	0.02	41	690	22	<5	3	<10	2	0.06	27	<10	9	91	2
L100+50N 99+00E	<0.2	1.88	10	60	0.5	<5	0.14	<1	12	30	21	5.06	0.15	0.98	305	<2	0.02	32	430	16	5	2	<10	6	0.02	30	<10	7	90	3
L100+50N 99+50E	<0.2	2.84	35	100	1.5	<5	0.12	<1	11	35	52	6.49	0.21	0.63	145	<2	0.02	40	490	52	5	6	<10	9	0.03	42	<10	53	98	6
L100+50N 100+00E	<0.2	1.15	20	40	0.5	<5	0.12	<1	14	21	14	3.32	0.24	0.62	360	<2	0.02	20	530	28	<5	2	<10	<1	0.05	23	<10	5	66	2
L100+50N 100+50E	<0.2	1.16	10	40	<0.5	<5	0.03	<1	5	17	6	3.32	0.11	0.37	95	<2	0.02	13	560	14	<5	1	<10	<1	0.03	26	<10	2	42	2
L100+50N 101+00E	<0.2	1.51	10	50	0.5	<5	0.05	<1	6	24	13	3.83	0.21	0.61	115	<2	0.02	17	410	22	<5	2	<10	<1	0.05	30	<10	3	67	2
L100+50N 101+50E	<0.2	1.34	10	60	<0.5	<5	0.05	<1	5	21	3	3.09	0.16	0.58	105	<2	0.02	14	270	12	<5	1	<10	<1	0.05	29	<10	3	53	2
L100+50N 102+00E	<0.2	1.21	5	100	<0.5	<5	0.11	<1	15	20	3	2.99	0.16	0.44	355	<2	0.02	14	280	24	<5	1	<10	4	0.03	29	<10	3	49	1

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO₃
at 95c for 2 hours and diluted to 25ml with D.I.H₂O.

Appen. 1

Signed: 

CJL Enterprises

Attention: Lorne B. Warren

Project:

Sample: soil

Assaye Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 1V0472 SJ

Date : Nov-14-01

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L100+50N 102+50E	<0.2	1.67	10	60	0.5	<5	0.05	<1	10	30	14	4.07	0.23	0.82	170	<2	0.02	21	410	22	<5	2	<10	<1	0.06	32	<10	3	76	3
L100+50N 103+00E	<0.2	1.79	<5	90	0.5	<5	0.23	<1	10	29	10	4.12	0.18	0.80	415	<2	0.02	30	380	14	<5	3	<10	12	0.06	32	<10	8	87	3
L100+50N 103+50E	<0.2	1.53	<5	70	<0.5	<5	0.36	<1	7	25	11	3.44	0.16	0.81	225	<2	0.02	27	550	10	<5	2	<10	22	0.02	24	<10	8	64	2
L100+50N 104+00E	<0.2	1.63	<5	60	0.5	<5	0.16	<1	9	26	8	3.94	0.17	0.72	150	<2	0.02	29	470	16	<5	2	<10	5	0.04	29	<10	5	69	2
L101+00N 89+00E	<0.2	1.34	15	60	0.5	<5	0.04	<1	8	22	19	3.79	0.21	0.60	145	<2	0.02	29	290	14	<5	2	<10	<1	0.03	26	<10	6	67	2
L101+00N 89+50E	<0.2	1.19	20	50	0.5	<5	0.19	<1	10	19	20	4.28	0.25	0.55	240	<2	0.02	34	400	24	5	2	<10	9	0.03	23	<10	8	77	2
L101+00N 90+00E	<0.2	1.17	20	50	0.5	5	0.26	<1	17	16	38	5.38	0.19	0.55	625	<2	0.02	55	610	32	5	2	<10	14	0.01	21	<10	11	137	3
L101+00N 90+50E	<0.2	1.10	20	50	0.5	<5	0.23	<1	12	19	27	4.23	0.22	0.53	295	<2	0.02	36	520	24	<5	2	<10	12	0.03	21	<10	8	82	2
L101+00N 91+00E	0.2	1.46	15	70	0.5	<5	0.07	<1	10	21	17	4.53	0.20	0.60	235	<2	0.02	29	390	26	5	2	<10	1	0.03	27	<10	4	79	2
L101+00N 91+50E	<0.2	1.20	20	70	<0.5	<5	0.08	<1	12	20	28	5.41	0.15	0.60	305	<2	0.02	41	480	20	5	2	<10	<1	0.02	29	<10	4	112	3
L101+00N 92+00E	<0.2	1.17	15	40	<0.5	<5	0.09	<1	11	19	25	5.40	0.16	0.60	235	<2	0.02	41	630	20	5	2	<10	<1	0.02	28	<10	4	108	3
L101+00N 92+50E	<0.2	1.34	10	40	0.5	<5	0.05	<1	13	23	28	5.45	0.18	0.70	265	<2	0.02	43	620	22	5	2	<10	<1	0.02	26	<10	5	104	3
L101+00N 93+00E	<0.2	1.49	10	40	0.5	<5	0.03	<1	16	26	38	5.47	0.17	0.73	250	<2	0.02	49	500	30	5	2	<10	<1	0.02	26	<10	5	118	3
L101+00N 93+50E	0.2	1.25	10	40	0.5	<5	0.10	<1	15	24	38	5.36	0.19	0.72	345	<2	0.02	47	810	24	5	2	<10	3	0.02	26	<10	5	127	3
L101+00N 94+00E	<0.2	1.54	10	40	0.5	<5	0.01	<1	8	25	25	4.98	0.17	0.60	155	<2	0.02	27	640	22	5	2	<10	<1	0.02	26	<10	3	89	3
L101+00N 94+50E	<0.2	1.15	10	40	0.5	<5	0.03	<1	9	19	26	5.09	0.13	0.41	190	<2	0.02	33	820	24	5	2	<10	<1	0.02	30	<10	3	92	3
L101+00N 95+00E	<0.2	1.63	15	50	0.5	<5	0.11	<1	15	27	39	5.37	0.26	0.84	310	<2	0.02	47	560	24	5	3	<10	1	0.03	28	<10	8	120	3
L101+00N 95+50E	<0.2	1.28	10	60	0.5	<5	0.11	<1	13	25	33	3.95	0.35	0.73	340	<2	0.02	34	590	20	<5	3	<10	3	0.06	27	<10	9	90	3
L101+00N 96+00E	<0.2	0.98	15	30	0.5	<5	0.13	<1	9	17	29	3.24	0.21	0.48	175	2	0.02	26	680	16	5	2	<10	2	0.04	19	<10	9	64	2
L101+00N 96+50E	<0.2	2.09	15	100	0.5	<5	0.35	<1	13	34	35	4.85	0.37	0.95	395	<2	0.02	46	600	26	5	4	<10	19	0.06	36	<10	16	120	3
L101+00N 97+00E	<0.2	1.61	5	60	0.5	<5	0.23	<1	11	32	24	3.98	0.38	0.98	205	<2	0.02	31	630	18	5	3	<10	6	0.08	31	<10	7	89	3
L101+00N 97+50E	<0.2	1.45	5	50	0.5	<5	0.16	<1	12	26	24	3.49	0.23	0.83	190	<2	0.02	34	530	20	<5	2	<10	8	0.03	25	<10	6	100	2
L101+00N 98+00E	<0.2	1.50	<5	40	0.5	<5	0.10	<1	12	27	28	4.75	0.20	0.88	265	<2	0.02	35	590	20	5	2	<10	2	0.03	27	<10	6	94	3
L101+00N 98+50E	<0.2	1.82	5	50	0.5	<5	0.16	<1	17	36	44	5.54	0.29	1.20	325	<2	0.02	50	690	24	5	3	<10	3	0.06	34	<10	11	112	4
L101+00N 99+00E	<0.2	1.62	<5	50	0.5	<5	0.10	<1	12	28	32	4.94	0.18	0.88	225	<2	0.02	38	420	16	<5	3	<10	5	0.03	28	<10	8	95	3
L101+00N 99+50E	<0.2	1.53	5	50	0.5	<5	0.14	<1	15	28	16	3.77	0.17	0.92	270	<2	0.02	26	410	16	<5	2	<10	8	0.03	25	<10	6	91	2
L101+00N 100+00E	0.8	2.98	30	120	1.5	<5	0.17	<1	24	45	31	6.80	0.30	0.90	370	<2	0.02	55	510	86	5	3	<10	8	0.04	52	<10	7	222	5
L101+00N 100+50E	<0.2	1.67	15	60	0.5	<5	0.09	<1	10	30	19	3.80	0.29	0.83	195	<2	0.02	24	260	20	<5	2	<10	4	0.06	31	<10	5	86	2
L101+00N 101+00E	<0.2	2.00	15	80	0.5	<5	0.12	<1	7	30	23	4.28	0.29	0.77	140	2	0.02	26	330	22	5	2	<10	5	0.05	37	<10	6	92	2
L101+00N 101+50E	0.2	1.80	15	70	0.5	<5	0.18	<1	8	29	20	3.96	0.24	0.82	160	<2	0.02	25	280	20	5	2	<10	7	0.05	33	<10	5	89	2

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO₃
at 95c for 2 hours and diluted to 25ml with D.I.H₂O.

Appendix 1

Signed: _____



CJL Enterprises

Attention: Lorne B. Warren

Project:

Sample: soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 1V0472 SJ

Date : Nov-14-01

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L101+00N 102+00E	<0.2	1.75	10	80	0.5	<5	0.23	<1	13	31	23	4.41	0.29	0.86	255	<2	0.02	30	330	20	5	3	<10	10	0.07	36	<10	7	84	3
L101+00N 102+50E	<0.2	1.53	5	60	0.5	<5	0.17	<1	10	28	18	3.30	0.32	0.83	240	<2	0.02	24	560	18	5	2	<10	6	0.06	28	<10	6	85	2
L101+00N 103+00E	<0.2	2.02	10	110	1.0	<5	0.15	<1	29	30	25	5.45	0.25	0.71	300	<2	0.02	31	480	42	5	3	<10	6	0.03	39	<10	14	123	3
L101+00N 103+50E	<0.2	1.39	<5	70	0.5	<5	0.36	<1	8	26	15	3.70	0.28	0.79	295	<2	0.02	26	860	14	5	2	<10	19	0.05	27	<10	9	70	2
L101+00N 104+00E	<0.2	0.72	<5	50	0.5	<5	0.12	<1	5	12	11	2.89	0.10	0.26	75	<2	0.02	15	210	10	<5	1	<10	10	0.04	35	<10	3	46	2
L101+50N 96+00E	<0.2	2.02	15	110	1.0	<5	0.25	<1	12	32	41	4.56	0.33	0.75	335	<2	0.02	40	450	28	5	3	<10	18	0.04	35	<10	16	130	3
L101+50N 96+50E	<0.2	1.55	15	40	0.5	<5	0.05	<1	11	32	26	4.49	0.35	0.85	265	<2	0.02	30	260	20	5	2	<10	<1	0.08	32	<10	3	93	3
L101+50N 97+50E	<0.2	1.84	5	100	0.5	<5	0.52	<1	12	33	25	4.60	0.28	0.96	350	<2	0.02	38	440	18	<5	3	<10	26	0.05	33	<10	7	95	3
L101+50N 98+00E	<0.2	1.54	10	60	0.5	<5	0.25	<1	12	27	32	4.91	0.22	0.87	290	<2	0.02	40	650	24	5	2	<10	11	0.03	28	<10	8	101	3
L101+50N 98+50E	<0.2	1.42	5	50	0.5	<5	0.13	<1	10	25	30	4.61	0.20	0.77	200	<2	0.02	35	560	22	5	2	<10	5	0.03	26	<10	7	101	3
L101+50N 99+00E	<0.2	1.37	5	50	0.5	<5	0.07	<1	9	24	28	4.80	0.16	0.73	175	<2	0.02	33	650	18	5	2	<10	3	0.03	30	<10	4	92	3
L101+50N 99+50E	<0.2	1.60	5	60	0.5	<5	0.07	<1	7	26	17	4.68	0.11	0.77	190	<2	0.02	24	560	16	5	2	<10	<1	0.02	28	<10	4	92	3
L101+50N 100+00E	<0.2	1.62	25	80	0.5	<5	0.14	<1	9	26	14	4.58	0.15	0.87	200	<2	0.02	21	360	20	<5	2	<10	8	0.02	33	<10	4	99	3
L101+50N 100+50E	<0.2	1.29	55	50	0.5	<5	0.09	<1	11	26	22	4.61	0.29	0.66	210	<2	0.02	27	390	26	5	2	<10	1	0.08	41	<10	3	107	3
L101+50N 101+00E	<0.2	0.99	10	50	0.5	<5	0.12	<1	4	16	9	1.95	0.21	0.47	100	<2	0.02	13	180	16	<5	1	<10	7	0.05	22	<10	4	49	1
L101+50N 101+50E	<0.2	1.07	<5	50	0.5	<5	0.17	<1	5	21	9	2.44	0.16	0.57	145	<2	0.02	16	230	8	<5	1	<10	10	0.05	24	<10	4	50	2
L101+50N 102+00E	<0.2	1.22	10	80	0.5	<5	0.27	<1	8	19	14	2.92	0.20	0.52	270	<2	0.02	19	280	14	<5	2	<10	15	0.05	28	<10	7	63	2
L101+50N 102+50E	<0.2	1.45	5	100	0.5	<5	0.14	<1	12	26	15	3.91	0.18	0.62	290	<2	0.02	22	320	20	<5	2	<10	7	0.04	35	<10	4	84	2
L101+50N 103+00E	<0.2	1.50	10	70	0.5	<5	0.12	<1	9	23	16	3.63	0.24	0.51	195	<2	0.02	21	370	20	<5	2	<10	6	0.04	37	<10	5	70	2
L101+50N 103+50E	<0.2	0.69	<5	30	<0.5	<5	0.07	<1	3	12	3	1.09	0.14	0.33	55	<2	0.02	7	110	10	<5	1	<10	6	0.04	15	<10	2	25	1
L101+50N 104+00E	<0.2	1.40	<5	90	0.5	<5	0.42	<1	11	26	17	3.72	0.20	0.69	560	<2	0.02	54	530	18	<5	3	<10	32	0.06	27	<10	11	71	2
L102+00N 96+00E	0.8	0.78	10	100	0.5	<5	0.13	<1	6	14	17	2.48	0.16	0.17	220	<2	0.02	14	300	24	<5	1	<10	11	0.03	31	<10	3	51	1
L102+00N 96+50E	0.2	1.59	15	80	0.5	<5	0.03	<1	10	25	28	4.11	0.20	0.55	285	<2	0.02	22	330	20	<5	2	<10	<1	0.05	36	<10	7	81	2
L102+00N 97+00E	<0.2	2.21	25	90	1.0	<5	0.13	<1	29	39	44	5.19	0.21	0.85	415	<2	0.02	54	330	56	<5	3	<10	9	0.04	45	<10	8	212	3
L102+00N 97+50E	0.2	1.34	10	70	0.5	<5	0.49	<1	10	23	17	3.28	0.24	0.71	255	<2	0.02	25	290	18	<5	2	<10	28	0.05	30	<10	5	69	2
L102+00N 98+00E	<0.2	1.61	5	80	0.5	<5	0.50	<1	10	29	21	4.52	0.27	0.86	215	<2	0.02	31	390	18	5	2	<10	25	0.05	32	<10	5	80	3
L102+00N 98+50E	<0.2	1.54	5	60	0.5	<5	0.32	<1	12	30	24	4.28	0.33	0.84	230	<2	0.02	30	360	18	<5	2	<10	17	0.07	31	<10	4	79	2
L102+00N 99+00E	<0.2	1.47	<5	60	0.5	5	0.10	<1	11	26	31	4.86	0.17	0.82	225	<2	0.02	36	620	24	<5	2	<10	4	0.02	26	<10	5	95	3
L102+00N 99+50E	<0.2	1.42	<5	40	0.5	<5	0.06	<1	10	25	26	4.86	0.19	0.79	195	<2	0.02	35	630	18	5	2	<10	1	0.03	31	<10	4	90	3
L102+00N 100+00E	<0.2	1.07	5	30	0.5	<5	0.03	<1	6	19	15	4.41	0.12	0.41	130	<2	0.02	19	450	12	5	1	<10	<1	0.05	33	<10	3	76	3

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO₃
at 95c for 2 hours and diluted to 25ml with D.I.H₂O.

Appendix

Signed: 

CJL Enterprises

Attention: Lorne B. Warren

Project:

Sample: soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 1V0472 SJ

Date : Nov-14-01

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L102+00N 100+50E	<0.2	0.45	5	20	<0.5	<5	0.04	<1	3	7	7	1.36	0.08	0.12	65	<2	0.02	6	180	8	<5	1	<10	3	0.03	21	<10	2	29	1
L102+00N 101+00E	<0.2	1.13	15	40	0.5	<5	0.08	<1	7	19	20	2.98	0.24	0.54	155	<2	0.02	19	240	16	<5	2	<10	3	0.04	22	<10	5	67	2
L102+00N 101+50E	0.2	1.66	10	160	1.0	<5	0.49	<1	59	30	41	4.99	0.28	0.59	1650	<2	0.02	34	500	54	5	3	<10	37	0.05	50	<10	14	104	3
L102+00N 102+00E	<0.2	0.70	5	40	<0.5	<5	0.07	<1	4	13	6	1.95	0.13	0.30	130	<2	0.02	9	190	8	<5	1	<10	4	0.04	27	<10	2	37	1
L102+00N 102+50E	<0.2	2.09	5	50	1.0	<5	0.13	<1	12	36	36	6.22	0.26	0.72	245	<2	0.02	42	460	34	5	3	<10	2	0.07	46	<10	5	102	5
L102+00N 103+00E	<0.2	1.31	5	70	0.5	<5	0.23	<1	16	24	15	3.60	0.19	0.59	390	<2	0.02	22	300	20	5	2	<10	11	0.05	31	<10	4	81	2
L102+00N 103+50E	<0.2	1.18	5	40	0.5	<5	0.06	<1	6	22	9	2.90	0.23	0.61	120	<2	0.02	16	210	12	<5	2	<10	2	0.05	25	<10	3	53	2
L102+00N 104+00E	<0.2	1.02	5	50	0.5	<5	0.13	<1	5	21	8	2.70	0.16	0.49	100	<2	0.02	14	200	10	<5	2	<10	8	0.05	32	<10	3	49	2
L102+50N 100+00E	<0.2	1.10	<5	30	0.5	<5	0.02	<1	10	19	23	5.30	0.11	0.45	155	<2	0.02	33	640	18	<5	2	<10	<1	0.04	39	<10	4	94	3
L103N 93+50E	<0.2	1.15	15	30	0.5	<5	0.09	<1	12	22	32	5.19	0.19	0.60	245	<2	0.02	42	620	22	5	2	<10	1	0.02	29	<10	4	104	3
L103N 94+00E	<0.2	1.38	10	40	0.5	<5	0.07	<1	9	24	22	5.73	0.15	0.48	175	<2	0.02	31	1870	20	5	2	<10	<1	0.04	43	<10	3	83	3
L103N 94+50E	<0.2	1.55	25	70	0.5	<5	0.20	<1	21	25	27	3.62	0.22	0.58	380	<2	0.02	30	280	30	<5	2	<10	15	0.03	32	<10	11	81	2
L103N 95+00E	<0.2	0.99	35	30	0.5	<5	0.05	<1	8	19	17	3.38	0.19	0.47	125	<2	0.02	21	270	14	<5	2	<10	2	0.06	32	<10	3	80	2
L103N 95+50E	<0.2	1.47	50	40	0.5	5	0.09	<1	12	30	35	6.57	0.26	0.59	240	<2	0.02	37	640	28	5	2	<10	<1	0.07	46	<10	4	128	4
L103N 96+00E	<0.2	1.19	20	50	0.5	<5	0.07	<1	9	23	27	4.92	0.19	0.47	175	2	0.02	27	570	18	5	2	<10	<1	0.06	44	<10	3	102	3
L103N 96+50E	<0.2	0.95	15	60	0.5	<5	0.06	<1	8	18	19	3.86	0.20	0.32	255	<2	0.02	20	420	16	5	2	<10	2	0.06	42	<10	2	87	2
L103N 97+00E	<0.2	1.06	15	30	0.5	<5	0.08	<1	9	22	18	4.33	0.14	0.39	165	<2	0.02	23	410	18	5	2	<10	3	0.07	50	<10	3	95	3
L103N 97+50E	<0.2	0.92	15	40	0.5	<5	0.09	<1	7	20	14	3.90	0.17	0.31	170	<2	0.02	16	550	18	<5	2	<10	4	0.09	58	<10	2	82	2
L103N 98+00E	<0.2	1.70	35	80	0.5	<5	0.76	<1	13	30	24	5.37	0.32	0.93	325	<2	0.02	39	480	24	5	3	<10	39	0.06	33	<10	6	89	3
L103N 99+00E	<0.2	1.76	10	80	0.5	<5	0.39	<1	12	26	23	4.87	0.20	0.68	165	<2	0.02	47	480	22	5	2	<10	21	0.04	28	<10	6	116	3
L103N 99+50E	<0.2	1.31	10	40	0.5	<5	0.04	<1	9	20	22	4.94	0.11	0.43	205	<2	0.02	28	960	22	5	2	<10	<1	0.04	42	<10	4	85	4
L103N 100+00E	<0.2	1.27	5	60	0.5	<5	0.04	<1	10	23	23	4.95	0.14	0.53	190	2	0.02	28	650	20	<5	2	<10	<1	0.04	38	<10	4	91	4
L103N 100+50E	<0.2	1.27	<5	40	0.5	<5	0.03	<1	6	21	10	3.99	0.14	0.45	145	<2	0.02	17	580	12	<5	1	<10	<1	0.04	32	<10	2	64	3
L103N 101+00E	<0.2	0.92	5	60	0.5	<5	0.09	<1	8	21	14	3.50	0.12	0.36	170	<2	0.02	21	330	12	5	2	<10	7	0.05	41	<10	3	77	2
L103N 101+50E	<0.2	1.11	10	30	0.5	<5	0.10	<1	9	23	17	3.51	0.26	0.57	170	<2	0.01	25	290	14	<5	2	<10	5	0.07	34	<10	4	69	2
L103N 102+00E	<0.2	1.34	10	40	0.5	<5	0.12	<1	11	24	24	3.78	0.29	0.74	325	2	0.01	29	300	14	<5	2	<10	3	0.05	24	<10	6	76	2
L103N 102+50E	<0.2	0.86	5	50	0.5	<5	0.13	<1	7	19	14	2.96	0.21	0.37	130	<2	0.01	25	260	12	<5	2	<10	9	0.06	40	<10	3	73	2
L103N 103+00E	<0.2	1.56	5	100	0.5	<5	0.29	<1	19	25	21	3.62	0.22	0.49	550	<2	0.01	33	400	22	<5	3	<10	20	0.04	36	<10	8	94	2
L103N 103+50E	<0.2	1.67	5	70	0.5	<5	0.21	<1	11	29	18	3.43	0.28	0.71	240	<2	0.01	33	390	14	<5	3	<10	10	0.05	26	<10	8	71	2
L103N 104+00E	<0.2	0.89	5	40	0.5	<5	0.06	<1	6	17	15	3.47	0.15	0.40	115	<2	0.01	18	430	10	<5	2	<10	2	0.05	35	<10	3	54	2

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO₃
at 95c for 2 hours and diluted to 25ml with D.I.H₂O.

Appendix 1

Signed: 

CJL Enterprises

Attention: Lorne B. Warren

Project:

Sample: silt

Assaye Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 1V0472 LJ

Date : Nov-14-01

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
JM 01	<0.2	1.03	10	30	0.5	<5	0.14	<1	19	19	43	5.38	0.16	0.64	315	<2	0.01	61	680	20	<5	2	<10	4	0.02	22	<10	8	127	4
JM 07	<0.2	0.82	5	40	0.5	<5	0.10	2	26	16	23	2.82	0.16	0.50	1180	<2	0.01	76	330	12	<5	2	<10	3	0.04	16	<10	15	219	2
JM 08	<0.2	0.73	15	30	0.5	<5	0.09	<1	13	14	31	3.92	0.14	0.46	295	<2	0.01	43	400	18	<5	2	<10	3	0.02	16	<10	5	97	3
JM 09	<0.2	1.02	5	60	1.0	<5	0.16	3	38	18	29	2.74	0.20	0.51	1860	<2	0.01	100	490	14	<5	2	<10	5	0.05	17	<10	33	320	2
JM 10	<0.2	0.89	15	50	0.5	<5	0.14	2	30	15	22	2.65	0.20	0.50	1435	<2	0.01	74	440	18	<5	2	<10	4	0.05	16	<10	18	209	2
L101+00N 98+40E	<0.2	1.21	5	50	0.5	<5	0.20	<1	14	23	35	4.64	0.18	0.74	325	2	0.01	45	630	20	<5	2	<10	8	0.03	25	<10	8	102	3
L101+00N 103+75E	<0.2	0.99	5	60	0.5	<5	0.51	<1	8	18	19	2.70	0.15	0.58	380	<2	0.01	40	730	10	<5	2	<10	32	0.03	18	<10	9	63	2
L101+00N 104+05E	0.2	1.08	<5	50	0.5	<5	0.66	<1	8	19	28	2.76	0.15	0.62	370	<2	0.02	50	840	8	<5	2	<10	33	0.03	18	<10	11	73	2

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO₃
at 95c for 2 hours and diluted to 25ml with D.I.H₂O.

Appen. 1

Page 1 of 1

Signed: 



Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Geochemical Analysis Certificate

1V-0472-RG1

Company: **CJL Enterprises**
Project:
Attn: **Lorne B. Warren**

Nov-14-01

We *hereby certify* the following geochemical analysis of 10 rock samples submitted Oct-31-01

Sample Name	Au ppb
103N-1	4
103N-2	2
L100+50N 102+06E	204
LBW-04	4
LBW-24	1
LBW-25	2
LBW-26	1
LBW-29	366
LBW-30	4
LBW-32	5

Certified by

Appen. 1- Page 2



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Quality Assaying for over 25 Years

Geochemical Analysis Certificate

1V-0472-SG3

Nov-14-01

Company: **CJL Enterprises**
Project:
Attn: **Lorne B. Warren**

We hereby certify the following geochemical analysis of 24 soil samples submitted Oct-31-01

Sample Name	Au ppb
L100+50N 96+50E	1
L100+50N 97+00E	2
L100+50N 97+50E	3
L100+50N 98+00E	2
L100+50N 98+50E	4
L100+50N 99+00E	2
L100+50N 99+50E	10
L100+50N 100+00E	6
L100+50N 100+50E	3
L100+50N 101+00E	2
L100+50N 101+50E	2
L100+50N 102+00E	2
L100+50N 102+50E	2
L100+50N 103+00E	2
L100+50N 103+50E	1
L100+50N 104+00E	2
L101+00N 89+00E	3
L101+00N 89+50E	4
L101+00N 90+00E	209
L101+00N 90+50E	4
L101+00N 91+00E	2
L101+00N 91+50E	2
L101+00N 92+00E	1
L101+00N 92+50E	10

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Appen. 1 - Page 3



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Vancouver, B.C.
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Quality Assaying for over 25 Years

Geochemical Analysis Certificate

1V-0472-SG1

Company: **CJL Enterprises**
Project:
Attn: **Lorne B. Warren**

Nov-14-01

We *hereby certify* the following geochemical analysis of 24 soil samples submitted Oct-31-01

Sample Name	Au ppb
L99+00N 96+00E	17
L99+00N 96+50E	6
L99+00N 97+00E	2
L99+00N 97+50E	2
L99+00N 98+00E	1
L99+00N 98+50E	2
L99+00N 99+00E	1
L99+00N 99+50E	3
L99+00N 100+00E	3
L99+00N 100+50E	3
L99+00N 101+00E	2
L99+00N 101+50E	2
L99+00N 102+00E	3
L99+50N 96+00E	2
L99+50N 96+50E	3
L99+50N 97+00E	2
L99+50N 97+50E	3
L99+50N 98+00E	3
L99+50N 98+50E	3
L99+50N 99+00E	1
L99+50N 99+50E	5
L99+50N 100+00E	5
L99+50N 100+50E	4
L99+50N 101+00E	1

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Appen. 1 - Page 4



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V5X 4R6
Tel: (604) 327-3436
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Quality Assaying for over 25 Years

Geochemical Analysis Certificate

1V-0472-SG2

Company: **CJL Enterprises**
Project:
Attn: **Lorne B. Warren**

Nov-14-01

We *hereby certify* the following geochemical analysis of 24 pulp samples submitted Oct-31-01

Sample Name	Au ppb
L99+50N 101+50E	2
L99+50N 102+00E	2
L99+50N 102+50E	3
L99+50N 103+00E	1
L99+50N 103+50E	4
L99+50N 104+00E	3
L100+00N 96+00E	1
L100+00N 96+50E	3
L100+00N 97+00E	1
L100+00N 97+50E	2
L100+00N 98+00E	3
L100+00N 98+50E	4
L100+00N 99+00E	3
L100+00N 99+50E	6
L100+00N 100+00E	4
L100+00N 100+50E	9
L100+00N 101+00E	2
L100+00N 101+50E	1
L100+00N 102+00E	2
L100+00N 102+50E	4
L100+00N 103+00E	2
L100+00N 103+50E	1
L100+00N 104+00E	1
L100+50N 96+00E	3

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Append. 1 - Page 5



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Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
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Quality Assaying for over 25 Years

Geochemical Analysis Certificate

1V-0472-SG4

Company: **CJL Enterprises**
Project:
Attn: **Lorne B. Warren**

Nov-14-01

We *hereby certify* the following geochemical analysis of 24 soil samples
submitted Oct-31-01

Sample Name	Au ppb
L101+00N 93+00E	2
L101+00N 93+50E	1
L101+00N 94+00E	3
L101+00N 94+50E	6
L101+00N 95+00E	5
L101+00N 95+50E	4
L101+00N 96+00E	4
L101+00N 96+50E	4
L101+00N 97+00E	3
L101+00N 97+50E	2
L101+00N 98+00E	3
L101+00N 98+50E	3
L101+00N 99+00E	2
L101+00N 99+50E	2
L101+00N 100+00E	8
L101+00N 100+50E	3
L101+00N 101+00E	4
L101+00N 101+50E	3
L101+00N 102+00E	3
L101+00N 102+50E	3
L101+00N 103+00E	3
L101+00N 103+50E	2
L101+00N 104+00E	5
L101+50N 96+00E	6

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Appen. 1 - Page 6



Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Geochemical Analysis Certificate

1V-0472-SG5

Company: **CJL Enterprises**
Project:
Attn: **Lorne B. Warren**

Nov-14-01

We *hereby certify* the following geochemical analysis of 24 soil samples submitted Oct-31-01

Sample Name	Au ppb
L101+50N 96+50E	3
L101+50N 97+50E	2
L101+50N 98+00E	3
L101+50N 98+50E	2
L101+50N 99+00E	3
L101+50N 99+50E	2
L101+50N 100+00E	3
L101+50N 100+50E	2
L101+50N 101+00E	1
L101+50N 101+50E	4
L101+50N 102+00E	4
L101+50N 102+50E	3
L101+50N 103+00E	2
L101+50N 103+50E	2
L101+50N 104+00E	3
L102+00N 96+00E	4
L102+00N 96+50E	2
L102+00N 97+00E	15
L102+00N 97+50E	1
L102+00N 98+00E	4
L102+00N 98+50E	2
L102+00N 99+00E	67
L102+00N 99+50E	2
L102+00N 100+00E	2

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Appen. 1 - Page 7



Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
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Tel: (604) 327-3436
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Quality Assaying for over 25 Years

Geochemical Analysis Certificate

1V-0472-SG6

Company: **CJL Enterprises**
Project:
Attn: **Lorne B. Warren**

Nov-14-01

We *hereby certify* the following geochemical analysis of 24 soil samples submitted Oct-31-01

Sample Name	Au ppb
L102+00N 100+50E	3
L102+00N 101+00E	6
L102+00N 101+50E	6
L102+00N 102+00E	4
L102+00N 102+50E	4
L102+00N 103+00E	4
L102+00N 103+50E	5
L102+00N 104+00E	7
L102+50N 100+00E	1
L103N 93+50E	3
L103N 94+00E	2
L103N 94+50E	6
L103N 95+00E	2
L103N 95+50E	3
L103N 96+00E	3
L103N 96+50E	2
L103N 97+00E	2
L103N 97+50E	4
L103N 98+00E	3
L103N 99+00E	3
L103N 99+50E	19
L103N 100+00E	12
L103N 100+50E	2
L103N 101+00E	1

Certified by

Appen. 1 - Page 8



Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Geochemical Analysis Certificate

1V-0472-SG7

Company: **CJL Enterprises**
Project:
Attn: **Lorne B. Warren**

Nov-14-01

We *hereby certify* the following geochemical analysis of 6 soil samples
submitted Oct-31-01

Sample Name	Au ppb
L103N 101+50E	3
L103N 102+00E	3
L103N 102+50E	2
L103N 103+00E	2
L103N 103+50E	3
L103N 104+00E	4

Certified by

Appen. 1-Page 9

*Quality Assaying for over 25 Years***Geochemical Analysis Certificate****1V-0472-LG1**

Company: **CJL Enterprises**
Project:
Attn: **Lorne B. Warren**

Nov-14-01

We hereby certify the following geochemical analysis of 8 silt samples
submitted Oct-31-01

Sample Name	Au ppb
JM 01	3
JM 07	6
JM 08	3
JM 09	3
JM 10	3
L101+00N 98+40E	5
L101+00N 103+75E	4
L101+00N 104+05E	5

Certified by

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