

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

PROGRAM YEAR: 1997/1998

REPORT #: PAP 97-32

NAME: ROBERT BOURDON

A	TAG1	TAG2	TYPE	PRJ	LOCATION	COMMENTS
	3+50E	0+00N	SOIL	CAR	E END ARGILLITE FAULT	ANAOMALOUS PB, ZN, CD & AS ELSE BACKGROUND
	3+50E	0+10N	SOIL	CAR	E END ARGILLITE FAULT	ANAOMALOUS PB, ZN, CD & AS ELSE BACKGROUND
	3+50E	0+20N	SOIL	CAR	E END ARGILLITE FAULT	NOT ANOMALOUS
	3+50E	0+30N	SOIL	CAR	E END ARGILLITE FAULT	NOT ANOMALOUS
	3+50E	0+40N	SOIL	CAR	E END ARGILLITE FAULT	NOT ANOMALOUS
	3+50E	0+50N	SOIL	CAR	E END ARGILLITE FAULT	NOT ANOMALOUS
	3+50E	0+60N	SOIL	CAR	E END ARGILLITE FAULT	NOT ANOMALOUS
	3+50E	0+70N	SOIL	CAR	E END ARGILLITE FAULT	NOT ANOMALOUS
B	51811		ROCK	SH	0+20S, 0+30W	GRAPHITIC LIMESTONE NOT ANOMALOUS
B	51812		ROCK	SH	0+20S, 0+15W	GRAPHITIC LIMESTONE NOT ANOMALOUS
B	51813		ROCK	SH	0+20S, 0+05W	GRAPHITIC LIMESTONE NOT ANOMALOUS
B	51814		ROCK	SH	0+20S, 0+10E	GRAPHITIC LIMESTONE NOT ANOMALOUS
B	51815		ROCK	SH	0+20S, 0+25E	GRAPHITIC LIMESTONE NOT ANOMALOUS
B	51816		ROCK	CAR	3+40E, 0+30N	SILICIOUS ARG + NUMEROUS QTZ VEINS NOT ANOMALOUS
B	51817		ROCK	CAR	2+75E, 0+10N	SIMILAR MATERIAL TO 51816
B	51818		ROCK	CK	200M W OF DDH	GRAB ADIT DUMP Po+CPy IN SILICIFIED VOLCANIC?
B	51819		ROCK	CK	325M W OF DDH	PIT/CUT Po+CPy IN HORNFELS
B	51820		ROCK	CK	200M N20E END REC LINE	GREEN VOLCANICS, MINOR Py+CPy O/C FROM FALLEN TREE
B	51821		ROCK	CK	10M W OF 390 ON CLMLNE	WHITE SILICIFIED RX WITH MINOR CPy, NO Po SEEN
B	51822		ROCK	CK	450M ON CLAIM LINE	SILICIFIED WHITE RX WITH DISSEM WHITE PY, NO CPy SEEN
B	51823		ROCK	SH	25M EAST OF CURRIE RD	SHEARED SILICIFIED LS, CALCITE+QUARTZ VEINLETS
B	51824		ROCK	SH	ADIT? IN CR BELOW RD	UNMINERALIZED LIMESTONE, CREEK STARTS HERE FROM UNDERGROUND
B	51825		ROCK	SH	ADIT? IN CR BELOW RD	SILICIFIED LIGHT GREEN-GREY RX WITH MINOR DISSEM PY ON FRACTURES
B	51826		ROCK	SH	20M S80W OF B51828 5	SILICIFIED RUSTY RX FROM O/C STRIKE N-S, DIP ~70W
B	51827		ROCK	CCM	GRAB ALONG CLAIM LINE	QUARTZ FLOAT EPITHERMAL TEXTURE, 2ND TRAIL FROM TOP
B	51828		ROCK	GW	ADIT CHIP 0 TO 1.5 M	BLACK FG LAMPORPHYRY DYKE
B	51829		ROCK	GW	ADIT CHIP 1.5 TO 3 M	SK PORPHYRY WITH MINOR DISSEM Py
B	51830		ROCK	GW	ADIT CHIP 3 TO 4 M	BLEACHED SILICIFIED SK PORPHYRY - MORE Py THAN 51829
B	51831		ROCK	GW	ADIT CHIP 4 TO 5 M	LAST 1 M OF ADIT - BLEACHED SK PORPHYRY + MINOR Py
B	51832		ROCK	GW	TRENCH ABOVE ADIT	MOST EASTERLY 1M - SILIC, DIRTY, RUSTY JSKI +SOME QTZ, MINOR PY
B	51833		ROCK	GW	RD CUT ~50M S OF DDH	RUSTY SK PORPHYRY - SOME VUGS, MINOR Py
B	51834		ROCK	CCM	DUMP GRAB	Mo-Py MINERALIZATION - APPEARS TO BE LAST MINED AND FROM CCM CLAIM
B	51835		ROCK	CK	COPPER KING ADIT	INSIDE 2.5M OF ADIT, CPy+Po IN HORNFELS
B	51836		ROCK	CK	COPPER KING ADIT	OUTSIDE 2.5M OF ADIT, CPy+Po IN HORNFELS
B	51837		ROCK	OX	NORTH OF MAIN ROAD	BLACK FLOAT MN+PY?

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B 51838	OXID	OX	NORTH OF MAIN ROAD	ROUGH 2M CHIP OF LEACHED RUSTY VUGGY PHYLLITE GPS R080823A
B 51839	ROCK	OX	NORTH OF MAIN ROAD	GPS R080823A GRAB BLACK SMELLY ROCKS POSSIBLE DISSEM CPy
B 51840	ROCK	OX	NORTH OF MAIN ROAD	GPS R080823B BLK HEAVY MN? RX STRIKE ~N10E DIP ~90 ROUGH CHIP 1M
B 51841	ROCK	GW	~30M E OF ADIT	~15M S30W OF GPSR081620A, ROUGH CHIP RUSTY JSKI MINOR PY
B 51842	ROCK	GW	~5M N OF B51841	~5M S30W OF R081620A, ROUGH CHIP SK PORPHYRY
B 51843	ROCK	GW	~5M N30E GPS R081620A	GRAB FROM RUBBLE IN HAND PIT - FRESH GREEN COLORED JSKI
B 51844	ROCK	GW	~20M E OF B51843	OUTCROP AT GPS R081621A RUSYY SK PORPHYRY + MINOR Py
B 51845	ROCK	GW	~10M S OF B51844	GRAB FROM RUBBLE IN HAND PIT - SK PORPHYRY
B 51846	ROCK	GW	~10M S OF B51845	GRAB FROM RUBBLE IN HAND PIT - SK PORPHYRY
B 51847	ROCK	GW	~5M N OF PIT @ B51848	ROUGH CHIP O/C RUSTY JSKI PORPHYRY
B 51848	ROCK	GW	GPS R081622B	ROUGH CHIP O/C NEAR OLD PIT RUSTY JSKI PORPHYRY
B 51849	ROCK	GW	GPS R081622C	GRAB RUSTY JSKI PORPHYRY IN DUMP
B 51850	ROCK	GW	SAME PLACE AS B51849	GRAB QUARTZ+LIMONITE FROM DUMP
D 90351	ROCK	CK	SAME LCN AS 90471	~5M WEST OF CLAIM LINE CuPy IN SILIC VOLCANICS
D 90352	ROCK	FAR	GPS R102522C RD CUT	UNMINERALIZED QUARTZ
D 90353	ROCK	FAR	GPS R102522I	RUSTY ARGILLITE + MINOR QUARTZ
D 90354	ROCK	FAR	GPS R102522E	VUGGY CRYSTALLINE QTZ FROM FRACTURES IN ARGILLITE
D 90355	ROCK	CAR	NEW HIWAY CUT	YELLOW STAINED LIMESTONE & DOLOMITE
D 90356	ROCK	CAR	NEW HIWAY CUT	YELLOW STAINED LIMESTONE & DOLOMITE
D 90470	ROCK	CK	250M W OF DDH	AT NORTH END OF ANOMALY
D 90471	ROCK	CK	5M W OF CLAIM LINE	SILIC VOLCANICS WITH CuPy ON FRACTURES
D 90472	ROCK	CK	5M E OF CLAIM LINE	CuPy NO Po NARROW QTZ VEINING STRIKE 276 DIP 90
D 90473	ROCK	OX	FLOAT ABOVE BLUFFS	LIMONITE+GALENA
D 90474	ROCK	OX	NE OF OXIDE SHOWING	LIMONITE ALONG BEDDING IN REEVES LIMESTONE STR 350 DIP 80E
D 90475	ROCK	SH	RD CUT 350M FROM JCN	MN+FLOURITE IN 15CM CALCITE/VUGGY QTZ VEIN
D 90476	ROCK	OX	ROAD CUT	Po IN SEDS
D 90477	ROCK	OX	ABOVE ROAD	BLACK QTZ RODS LOW PLUNGE TO SOUTH
D 90478	ROCK	OX	SAME PLACE AS 90477	MINOR SULPHIDES IN SEDS
D 90479	ROCK	OX	10M E OF 90477	Py+Po IN DRK GREY PHYLLITE
D 90480	ROCK	CAR	NEW RD CUT ON HIWAY	TETRAHEDRITE? IN LIMESTONE
D 90481	ROCK	CAR	SAME PLACE AS D90480	ARSENOPYRITE ON FRACTURE IN LS
D 90482	ROCK	CK	~140M E OF D90259	INTRUSIVE + CPy IN SMALL ADIT DUMP
D 90483	ROCK	RE	~5M SOUTH OF PIT	NARROW QTZ VEINS IN PHYLLITE STRIKE 290 DIP 80S
D 90484	ROCK	RE	~3M SOUTH OF PIT	FOLDED NARROW QTZ VEINS IN PHYLLITE
D 90485	ROCK	RE	~10M N OF ADIT	NARROW QTZ VEINS IN PHYLLITE STRIKE 305 DIP 80N
D 90486	ROCK	RE	ROAD CUT	QTZ VEIN ~2M WIDE
D 90487	ROCK	SH	PIT - W + ADJ TO 90291	SILIC MATERIAL

D 90488	ROCK	SH	ON RD @ 1+88E	LS + CALCITE + MN
D 90489	ROCK	SH	ON RD @ 1+92E	FROTHY WEATHERED QTZ ALONG LAMPROPHYRE DYKE
D 90490	ROCK	SH	ON RD @ 2+00E	LAMPROPHYRE DYKE
D 90491	ROCK	SH	1+05N HAND PIT	ORANGE WEATHERED FROTHY QTZ STRIKE 345 DIP 90 ~5M WIDE
D 90492	ROCK	SH	ADJACENT + E OF D90491	LS + CALCITE + MN
D 90493	ROCK	SH	SAME PLACE AS D90491	HI-GRADE ORANGE ZONE
D 90495	ROCK	CK	MOST WEST WORKINGS	GPSR102521A, 2M CHIP, CPy+Po (LINE D3-1+25E IS 3M TO E OF HERE
D 90496	ROCK	CK	SAME LCN AS 90495	BETTER GRADE MATERIAL WITH MINOR CPy, Po IN DUMP GRAB
D 90497	ROCK	CK	20M S OF 90495	MINERALIZED OUTCROP, MINOR CPy, Po STRIKE 190 / DIP 80 W
D 90498	ROCK	CK	D4 - 2+00E	SILICIOUS MATERIAL WITH CuPy BUT NO Po
D 90257	ROCK	CK	ADIT DUMP	2ND ADIT FROM N GRAB RHYOLITE WITH QTZ EYES +Po+CPy
D 90258	ROCK	CK	ADIT DUMP	DUMP FROM NOT CAVED ADIT GRAB MINOR CPy-Py-Po IN HORNFELS
D 90259	ROCK	CK	ADIT DUMP	DUMP GRAB HORNFELS WITH MINOR CPy-Po
D 90260	ROCK	SH	2+50N 1+00W	WHERE CREEK STARTS FROM UNDERGROUND, RUSTY SCHIST
D 90261	ROCK	SH	JUST E OF 'CURRIE' RD	QUARTZ CARBONATE BOULDER FLOAT
D 90251	ROCK	GW	~20M W OF B51850	~25M E OF ROAD - LIMONITE/JSKI RUBBLE GRAB
D 90252	ROCK	GW	SAME LCN AS D90251	BLACK FG DYKE WITH SOME LIMONITE
D 90253	ROCK	CK	~50M E OF 510S CLMLNE	ADIT DUMP GRAB CPy +Po
D 90254	ROCK	CK	SAME LCN AS D90253	5M CHIP N WALL OF ADIT
D 90255	ROCK	CK	SAME LCN AS D90253	5M CHIP S WALL OF ADIT
D 90256	ROCK	CK	N ADIT	GRAB HORNFELS, SED? AND INTRUSIVE? WITH MINOR CPy
D 90262	ROCK	OX	SAME LCN AS #90474	HEAVY HIGHLY OXIDIZED ROCK, Pb?
D 90263	ROCK	CAR	NEW RD CUT	GRAB FROM OUTCROP, PbS?
D 90264	ROCK	CAR	NEW RD CUT	GRAB RUSTY OXIDIZED LS
D 90265	ROCK	CAR	NEW RD CUT	RUSTY OXIDIZED LS
D 90266	SILT	SH	2+50N 0+25W	JUST BELOW WHERE CREEK COMES OUT FROM UNDERGROUND
D 90267	ROCK	CK	MOST SE ADIT	SAME LCN AS SAMPLE 90482 WHERE Mo PREVIOUSLY SEEN
D 90268	ROCK	SH	GPS R090719A	~100M W OF CEDAR CR BRIDGE RUSTY SOFT BROWN LIMONITE CHIP 0.5M+
D 90269	ROCK	SH	~40M W OF D90268	RUSTY ZONE 5 TO 10% Py +AsPy? STRIKE N30W? DIP 50W?
D 90270	ROCK	SH	GPS R090720B	FINELY DISSEM PY IN LS O/C
D 90271	ROCK	SH	GPS R090720C	LIMESTONE + DISSEM Py AND SOME QTZ STRINGERS
D 90272	ROCK	SH	GPS R090721C	Py AND AsPy? IN QTZ BLEBS IN SCHIST ABOUT 5M W OF BRIDGE
D 90273	ROCK	CAR	LOST CREEK PULLOUT	RUSTY LIMESTONE WITH Pb?Zn?Fe SULPHIDES
D 90274	ROCK	GW	~20M E OF ROAD/ADIT	1.5M CHIP RUSTY JSKI FROM O/C NEAR OLD PIT/TRENCH
D 90275	ROCK	GW	~5M SE OF D90274	O/C OF RUSTY JSKI
D 90276	ROCK	GW	GPS R092023A	GRAB RUSTY JSKI FROM O/C - ABOUT 5M S OF OLD SOIL SAMPLE #GW7
D 90277	ROCK	GW	GPS R092023B	SHUD BE NEAR OLD SOIL GW9 SAMPLE - O/C GRAB JSKI

D 90278	ROCK	GW	GPS R092023E	GRAB FRESH SK PORPHYRY - NO Py SEEN
D 90279	ROCK	GW	GPS R092023F	GRAB FRESH SK PORPHYRY - NO Py SEEN
D 90280	ROCK	RE	ROAD CUT S OF RE SHOW	~1M CHIP OF QTZ VEIN + PbS + MINOR Py STRIKE 295? DIP? PLUNGE 10 SE
D 90281	ROCK	RE	GPS R092719A	N WALL PIT BELOW N END RD - 2.5M CHIP PHYLLITE+HONEYCOMB QTZ
D 90282	ROCK	RE	ADJT AND W OF B90281	N WALL OF PIT BELOW N END ROAD - 0.6M CHIP HONEYCOMB VUGGY QTZ
D 90283	ROCK	RE	GPS R092720A	1M CHIP OF LIMESTONE WITH MINOR Py IN CR AT NORTH END ROAD
D 90284	ROCK	RE	5M NE OF B90283	2M CHIP BLACK SCHIST WITH MINOR DISSEM Py AND QTZ STRINGERS
D 90285	ROCK	RE	NEAR AND S OF ADIT	CHIP 2M BLEACHED SERICITE SCHIST
D 90286	ROCK	RE	NEAR AND N OF ADIT	CHIP 2M TALC SCHIST
D 90289	ROCK	RE	JUST N OF GPSR092722D	QUARTZ VEINING CHIP ACROSS ~2M
D 90288	ROCK	RE	NEAR AND N OF ADIT	ROUGH CHIP UNMINERALIZED LIMESTONE
D 90287	ROCK	RE	NEAR AND N OF ADIT	GRAB OF MISC BLUE QUARTZ FROM NARROW VEINS IN OUTCROP
D 90290	ROCK	SH	1+00N MOST E TRENCH	SAME AS 90338 - 0.2 M WIDE ADJ TO E SIDE OF DYKE
D 90291	ROCK	SH	1+00N MOST E TRENCH	0.2M WIDE AND ALONG W SIDE OF DYKE
D 90292	ROCK	SH	1+25N IN TRENCH	AT ABOUT 6M W OF LIMONITE
D 90293	ROCK	SH	1+25N IN TRENCH	LIMESTONE FLOODED WITH QTZ AND CALCITE (TO W OF 90245)
D 90294	ROCK	SH	1+25N IN TRENCH	BLACK SHEARED RX TO W OF 90293
D 90295	ROCK	SH	1+25N IN TRENCH	2M W OF 90294 SHEARED RX
D 90296	ROCK	SH	1+25N IN TRENCH	1M E OF 90294 SHEARED RX
D 90297	ROCK	SH	1+25N IN TRENCH	1M E OF 90296 SHEARED RX
D 90298	ROCK	SH	1+25N TRENCH	LIMESTONE, CALC SCHIST + MINOR QTZ
D 90299	ROCK	SH	ADJ AND W OF D90298	SILVERY COLORED SCHIST
D 90357	ROCK	CAR	GPS R111522A	PY BANDS IN LS STRIKE N60W
D 90358	ROCK	CAR	25M W OF 90357	RUSTY RUBBLE IN LIMESTONE CAVES
D 90359	ROCK	CAR	15M N45W OF 90358	UNMINERALIZED DOLOMITE BRECCIA WIDTH ABOUT 1M
D 90360	ROCK	CAR	SAME PLACE AS 90359	YELLOW-BROWN RUSTY PATCHES IN DOLOMITE
D 90361	ROCK	CAR	SAME PLACE AS 90359	DIRTY DRK GREY PATCHES IN DOLOMITE
D 90362	ROCK	CAR	GPS R111522C	HIGHLY OXIDIZED MATERIAL 10M W OF 90361
D 90363	ROCK	CAR	GPS R111523A	LIMESTONE WITH MINOR PY ALONG CREEK (COULD BE PLACER AU)
D 90364	ROCK	SH	OLD ADIT DUMP	NORTH OF BUCKEYE, SCHISTOSE RX + MINOR LIMONITE
D 90365	ROCK	SH	GPS R112222A	SEMI-MASSIVE SULPHIDES GRAB, SOME MAGNETIC PATCHES. Po?
D 90366	ROCK	SH	GPS R112222D	HI-GRADE GALENA GRAB FROM PIT
D 90367	ROCK	SH	GPS R112222D	HI-GRADE ZnS GRAB FROM PIT
D 90368	ROCK	SH	GPS R112223C	Py + Pb-Zn SULPHIDES GRAB
D 90369	ROCK	SH	GPS R112223A	Pb-Zn-Cu? SULPHIDES GRAB
D 90370	ROCK	SH	GPS R112223B	Pb-Zn SULPHIDES
D 90371	ROCK	SH	NO.1 CLAIM / S TRENCH	WIDTH 1M FROM 1+50S 0+13E TO 0+14E

D	90372	ROCK	SH	NO.1 CLAIM / S TRENCH	0.5M WIDE FROM 0+14E TO 0+14.5E- HARD RX BLACK MINERAL
D	90373	ROCK	SH	NO.1 CLAIM / S TRENCH	1M WIDE FROM 0+14.5E TO 0+15.5E- COURSE CALCITE, SIDERITE? ZnS?
D	90374	ROCK	SH	NO.1 CLAIM / S TRENCH	1M WIDE FROM 0+15.5E TO 0+16E- COURSE CALCITE-SIDERITE?
D	90375	ROCK	SH	NO.1 CLAIM / S TRENCH	1M WIDE FROM 0+16E TO 0+17E- LS+CALCITE VEINS, E0.5M IS BROWN
D	90376	ROCK	SH	NO.1 CLAIM / S TRENCH	0.5M WIDE FROM 0+17.5E TO 0+18E- RUSTY CRYSTALLINE LS+CALCITE
D	90377	ROCK	SH	NO.1 CLAIM / S TRENCH	WIDTH 1M FROM 0+18E TO 0+19E- CALCITE VEINING
D	90378	ROCK	SH	NO.1 CLAIM / S TRENCH	WIDTH 1M FROM 0+19E TO 0+20E- CRYSTALLINE LS, SIDERITE?
D	90379	ROCK	SH	NO.1 CLAIM / S TRENCH	1M WIDE FROM 0+20E TO 0+21E- COURSE CARBONATE SOME LIMONITE
D	90380	ROCK	SH	NO.1 CLAIM / S TRENCH	WIDTH 1M FROM 0+21E TO 0+22E- RUSTY CARBONATE CALCITE/SIDERITE?
D	90381	ROCK	SH	NO.1 CLAIM / S TRENCH	WIDTH 1M FROM 0+22E TO 0+23E- COURSE CALCITE, SIDERITE? LIMONITE
D	90382	ROCK	SH	NO.1 CLAIM / S TRENCH	WIDTH 0.5M AT 0+25E ROUNDED O/C COURSE CALCITE, LS

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**BRITISH COLUMBIA  
PROSPECTORS ASSISTANCE PROGRAM  
PROSPECTING REPORT FORM (continued)**

**B. TECHNICAL REPORT**

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations, section 15, 16 and 17.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name BOB BOURDON Reference Number 97/98 P81

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) ERIE (COPPER KING) MINFILE No. if applicable 082FSW213  
 Location of Project Area NTS 82F/6W Lat 49°15'54" Long 117°23'42"  
 Description of Location and Access GOOD STANDARD LOGGING ROAD UP ERIE CREEK.

Main Commodities Searched For CU, AU, AG.

Known Mineral Occurrences in Project Area SUB-ECONOMIC MO PORPHYRY ON PROPERTY. NUMEROUS CU OCCURRENCES ON PROPERTY. SMALL (100,000 T) HI-GRADE AU SKARN PAST PRODUCE A FEW KM. TO NORTH OF PROPERTY.

**WORK PERFORMED**

1. Conventional Prospecting (area) SEE MAP ± 50 HA -
2. Geological Mapping (hectares/scale) N/A.
3. Geochemical (type and no. of samples) 65 ICP SOILS, 23 ICP ROCKS.
4. Geophysical (type and line km) N/A.
5. Physical Work (type and amount) ± 1700 M. SAMPLE LINES.
6. Drilling (no., holes, size, depth in m, total m) N/A.
7. Other (specify) GPS MAPPING OF OCCURRENCES.

**SIGNIFICANT RESULTS**

Commodities CU. Claim Name CK 1-6

Location (show on map) Lat VARIOUS Long \_\_\_\_\_ Elevation \_\_\_\_\_

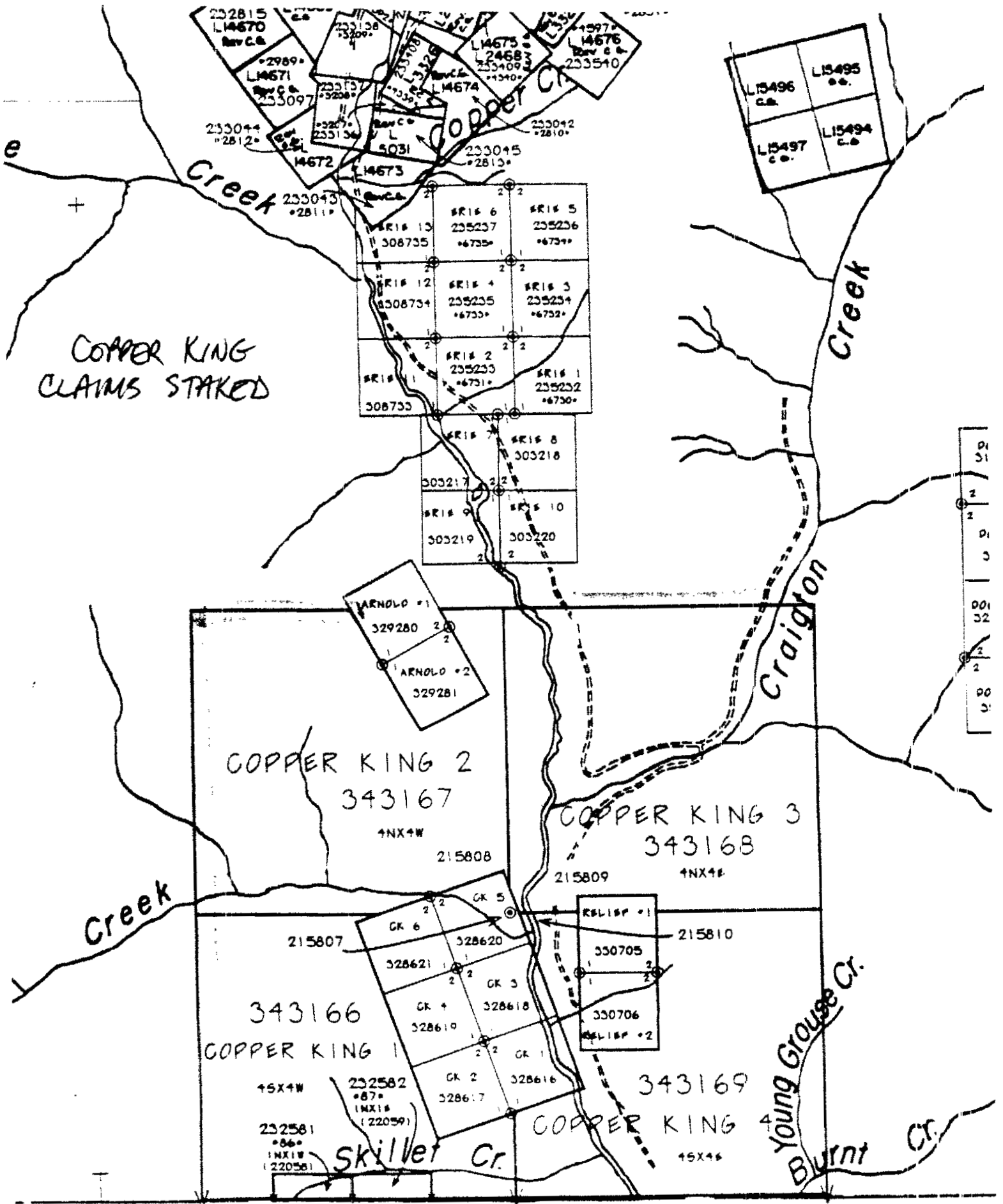
Best assay/sample type NUMEROUS SAMPLES WITH CU. FROM 0.2% TO 1%+ CU. i.e. B51836 = 1.2% CU, D90351 = 0.6% CU, D90491B

Description of mineralization, host rocks, anomalies Many low-grade occurrences of Cu<sub>2</sub>±Pb occur as disseminations and fracture fillings in sediments, volcanics and intrusives dykes on the West side of Erie Creek.

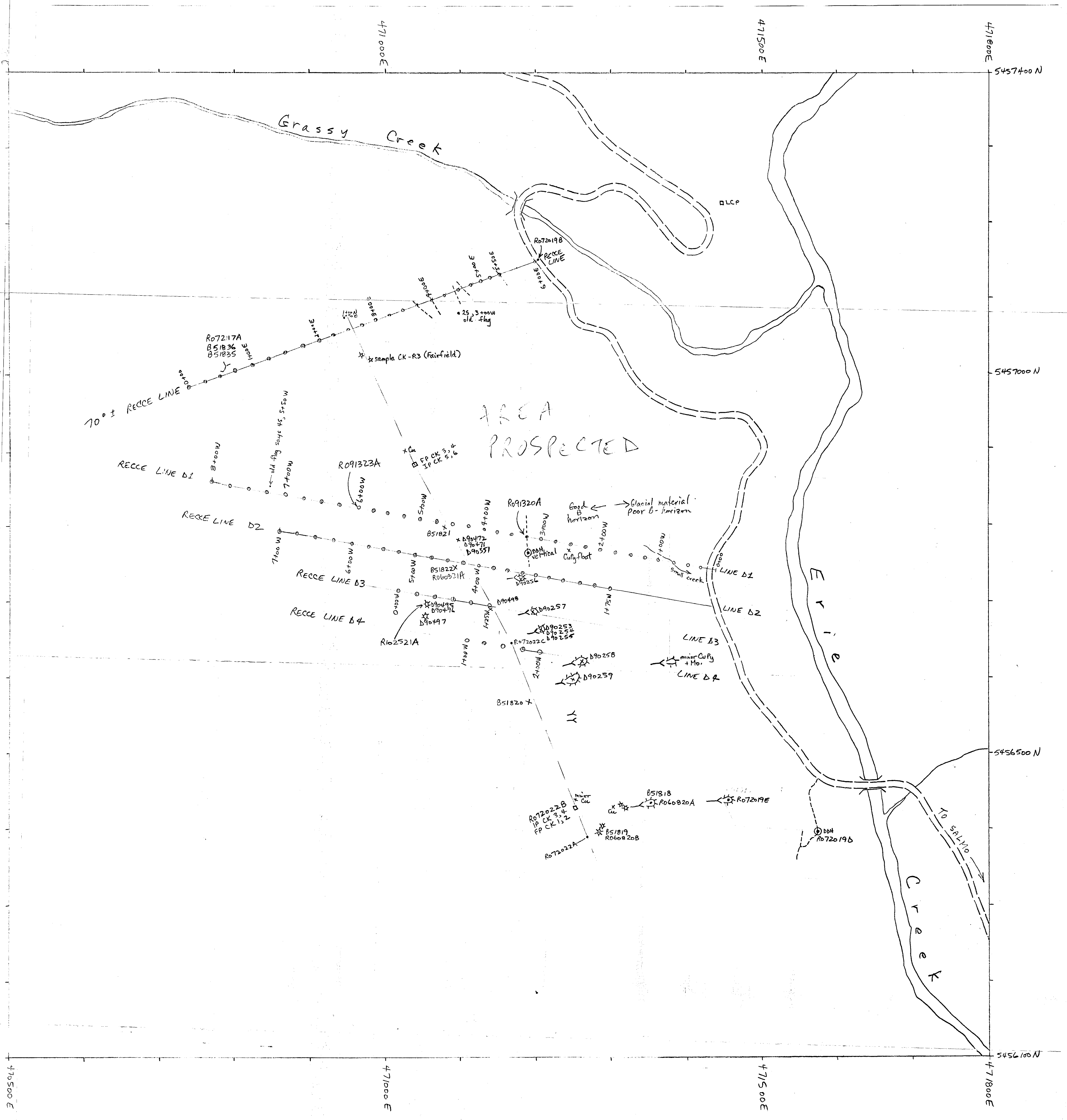
Supporting data must be submitted with this TECHNICAL REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the Freedom of Information Act.

# COPPER KING PROJECT



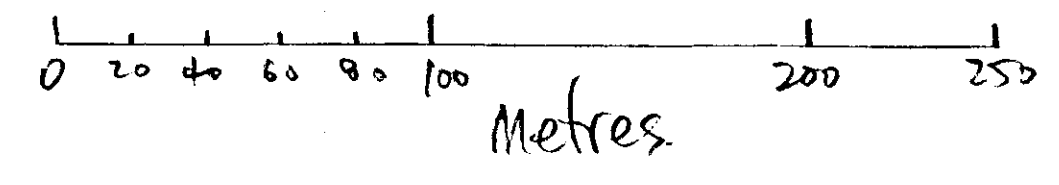




SKETCH MAP OF COPPER KING PROPERTY

SCALE: 1:2000

- Recce Line, soil sample
- B51818 X Rock sample
- Adit
- \* Pit
- R072117A GPS Location
- ⊙ Diamond Drill Hole
- Claim Post, Line
- ~~~~~ Creek
- == Road
- ≡≡≡ Bridge
- - - - - Trail



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PROSPECTORS ASSISTANCE PROGRAM  
PROSPECTING REPORT FORM (continued)

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**B. TECHNICAL REPORT**

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations, section 15, 16 and 17.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name R. J. BEURDON Reference Number 97/98 P81

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) AINSWORTH (SILVER HOARD) MINFILE No. if applicable 082 FNE0214

Location of Project Area NTS B2F/15W Lat 49°45'10" Long 116°58'00"

Description of Location and Access ACCESS VIA GOOD STANDARD LOGGING ROAD (COY CAVES ROAD) FROM HIWAY ABOUT 2 KM. NORTH OF AINSWORTH.

Main Commodities Searched For AG, AU.

Known Mineral Occurrences in Project Area NO. 1 MINE (produced ± 40000 TONS OF ± 50 OZ AG/T) and BUCKEYE ZN-PB-AG SHOWINGS. ALSO, SILVER HOARD MINE IS NEARBY.

WORK PERFORMED	
1. Conventional Prospecting (area)	<u>± 25 ha. AS SHOWN ON MAP</u>
2. Geological Mapping (hectares/scale)	<u>N/A.</u>
3. Geochemical (type and no. of samples)	<u>37 SOILS ICP+AU, 52 ROCKS ICP+AU.</u>
4. Geophysical (type and line km)	<u>N/A.</u>
5. Physical Work (type and amount)	<u>A NUMBER OF HAND TRENCHES.</u>
6. Drilling (no., holes, size, depth in m, total m)	<u>N/A.</u>
7. Other (specify)	<u>ESTABLISH SHORT SOIL LINES.</u>

**SIGNIFICANT RESULTS**

Commodities GENERAL LACK OF SUCCESS. Claim Name SILVER HOARD

Location (show on map) Lat \_\_\_\_\_ Long \_\_\_\_\_ Elevation \_\_\_\_\_

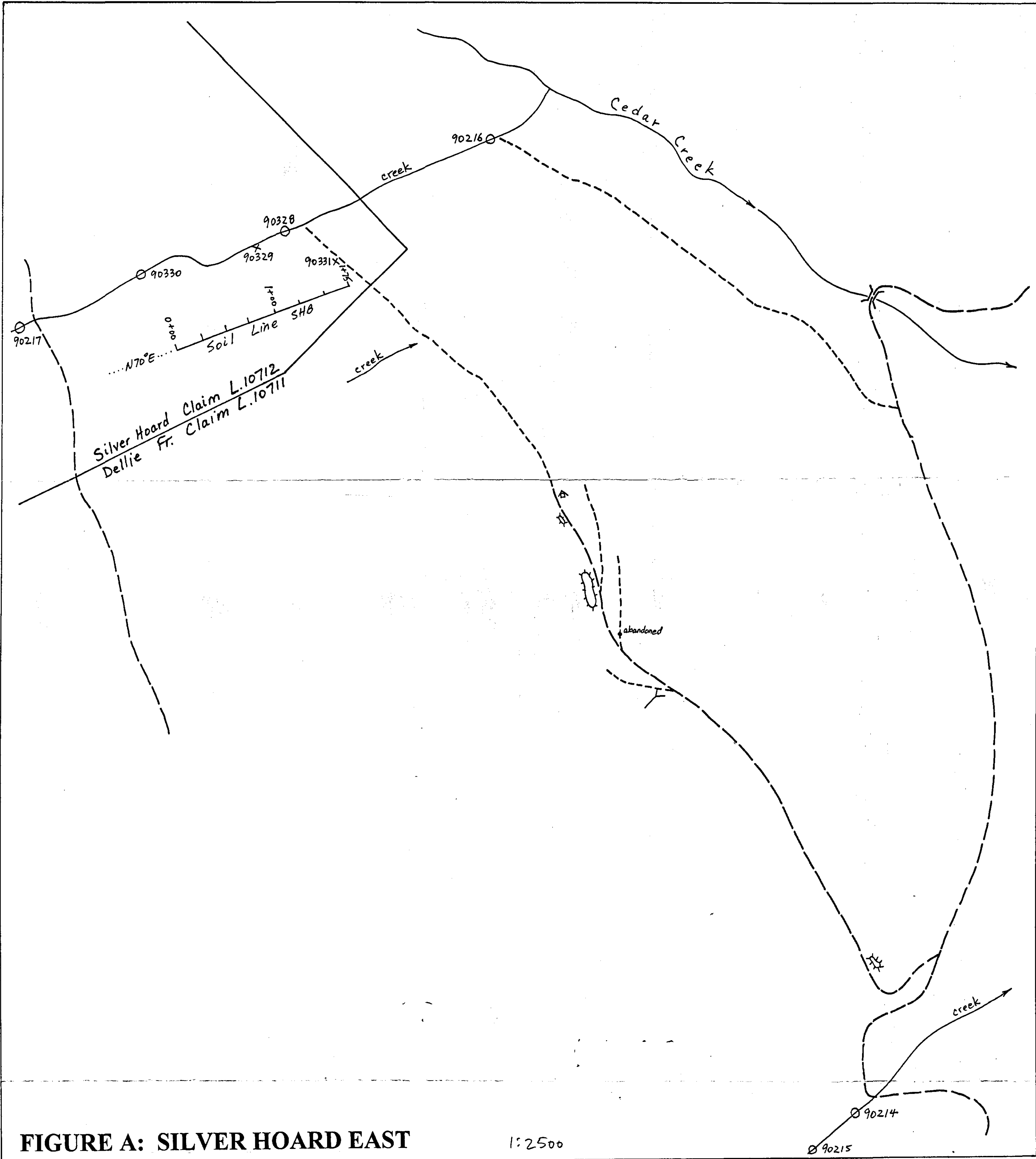
Best assay/sample type ROCK.

Description of mineralization, host rocks, anomalies SOME VERY ANOMALOUS VALUES IN AU and AG IN SOILS BUT SAMPLING INCLUDING HAND TRENCHING FAILED TO RETURN ANY POTENTIALLY ECONOMIC VALUES. SAMPLING OF THE BUCKEYE ZONE FOR GA AND GE GAVE NEGATIVE RESULTS. AT THE BUCKEYE ZONE BETTER GRADE MATERIAL IN REPLACEMENT ZONES RUNS UP TO 10% PB-ZN AND

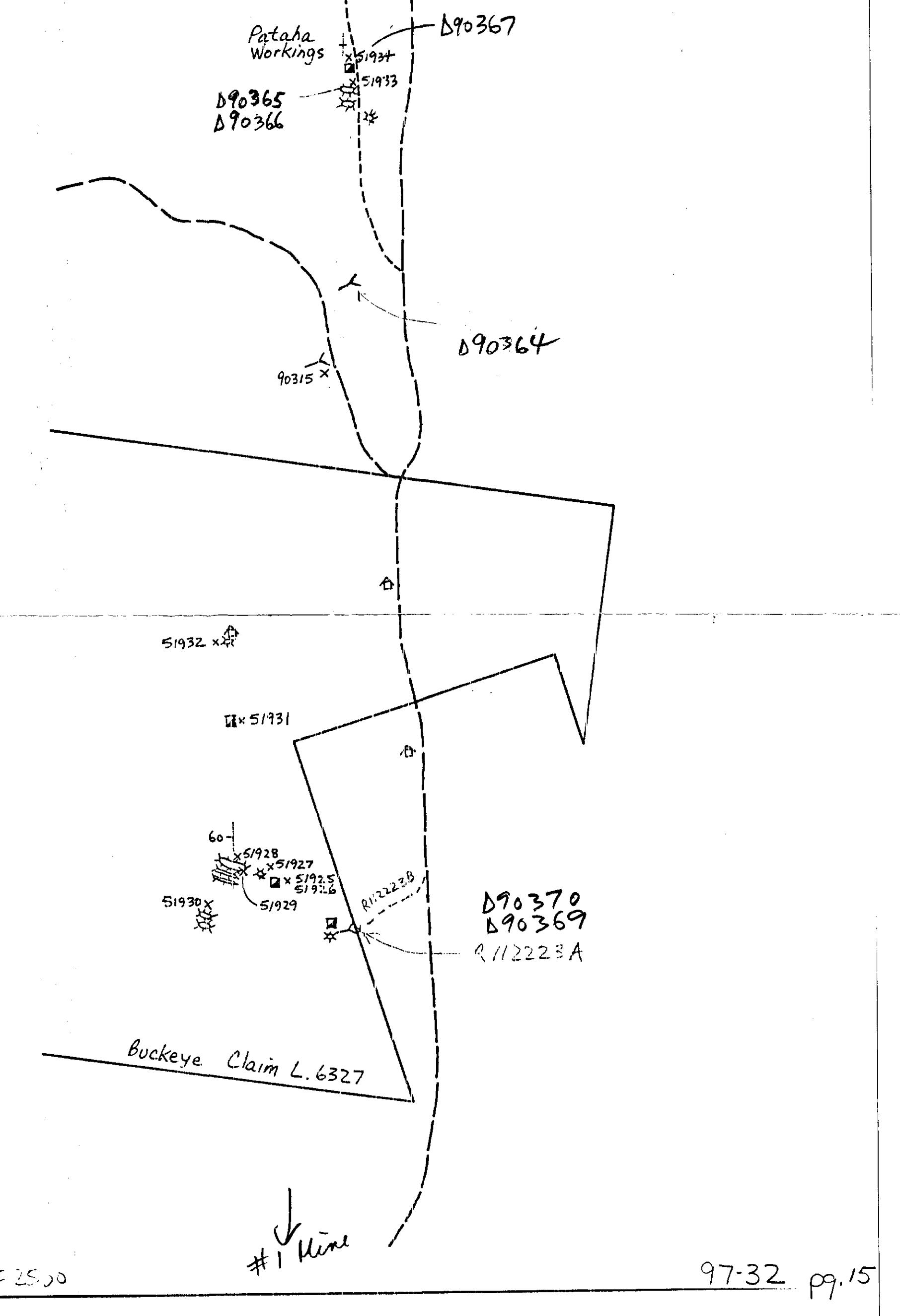
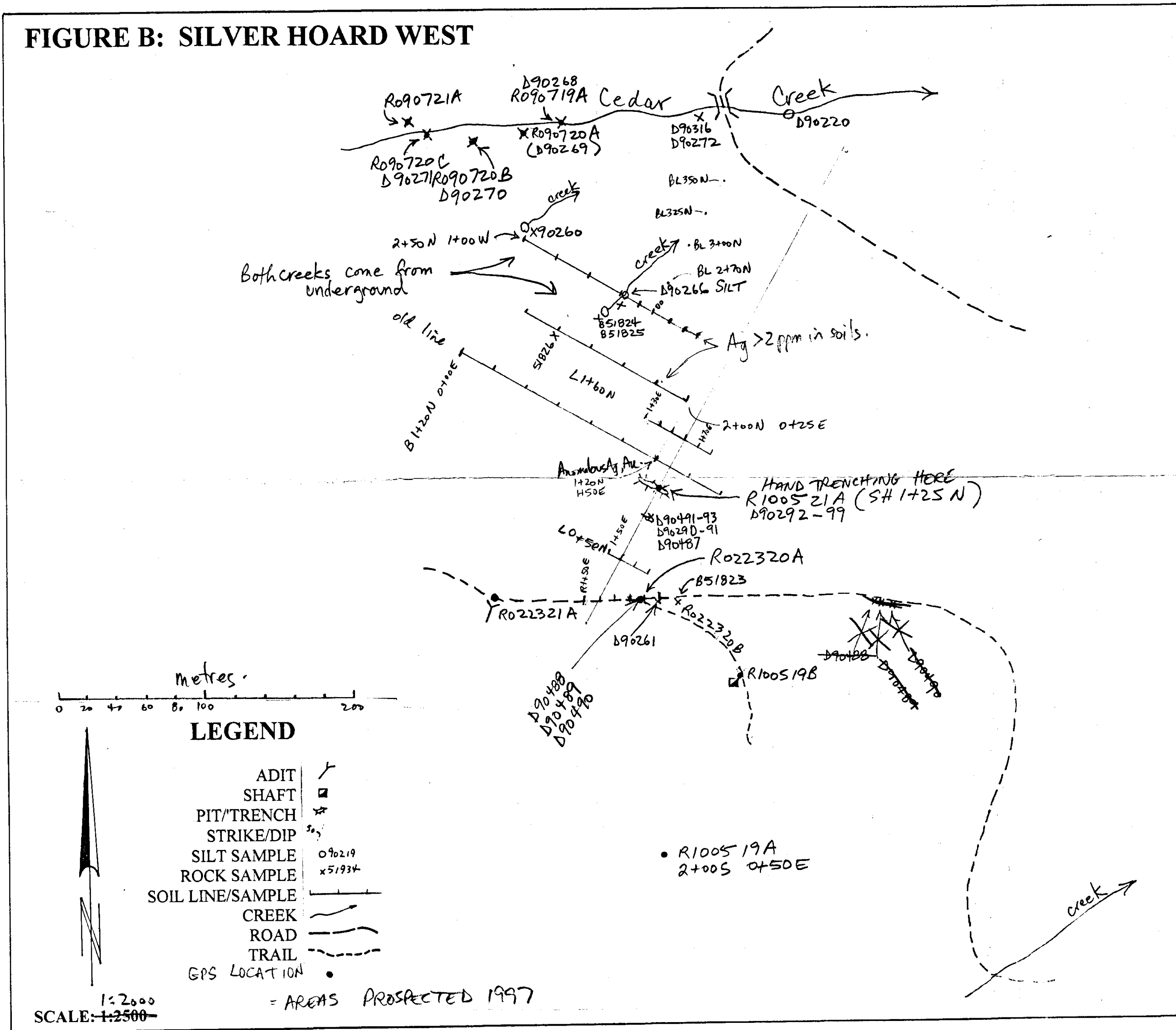
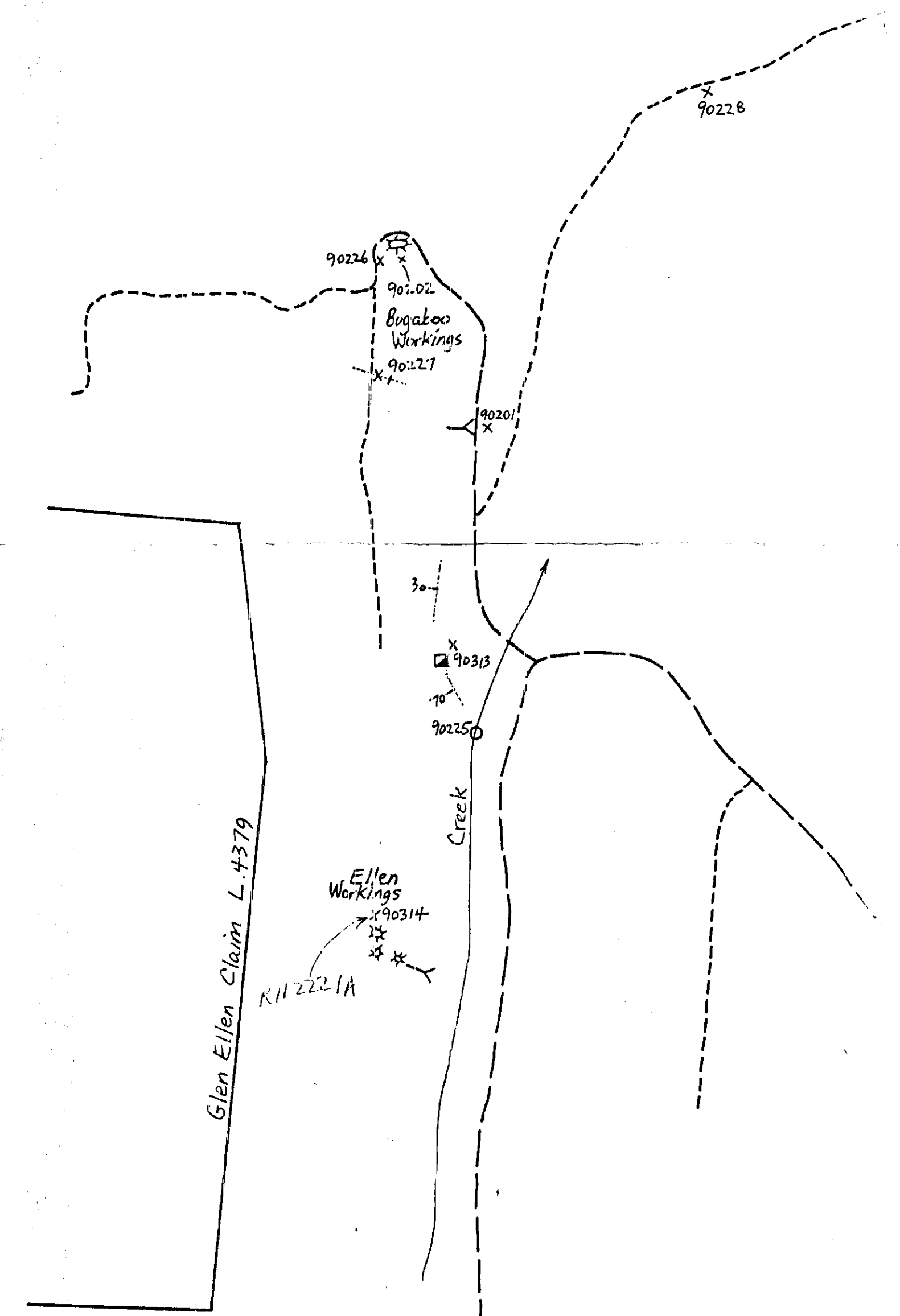
Supporting data must be submitted with this TECHNICAL REPORT 1 TO 3 OZ/T. AG.  
Information on this form is confidential for one year from the date of receipt subject to the provisions of the Freedom of Information Act.







**FIGURE C: BUCKEYE ZONE**





BRITISH COLUMBIA  
PROSPECTORS ASSISTANCE PROGRAM  
PROSPECTING REPORT FORM (continued)

JAN 27 1998

P81

**B. TECHNICAL REPORT**

- One technical report to be completed for each project area.
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- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name R. J. BOURDON Reference Number 97/98 P81

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) GREAT WESTERN MINFILE No. if applicable N/A  
 Location of Project Area NTS B2F/6W Lat 49° 26' 15" Long 117° 18' 20"  
 Description of Location and Access GOOD STANDARD LOGGING ROAD TO WITHIN ± 3 KM THEN 4TRAX OR FOOT ACCESS.

Main Commodities Searched For AU.

Known Mineral Occurrences in Project Area SMALL HI-GRADE AU VEIN/SHEAR SHOWINGS NEARBY ON TRENE AND GREAT EASTERN CLAIMS.

**WORK PERFORMED**

1. Conventional Prospecting (area) ± 6 km.
2. Geological Mapping (hectares/scale) 0
3. Geochemical (type and no. of samples) ROCKS, ICP + AU, 24 SAMPLES.
4. Geophysical (type and line km) 0
5. Physical Work (type and amount) SMALL HAND PITS AT VARIOUS LOCATIONS.
6. Drilling (no., holes, size, depth in m, total m) 0
7. Other (specify) FIXED UP OLD TRAIL - CUT WINDFALLS.

**SIGNIFICANT RESULTS**

Commodities AU. Claim Name GREAT WESTERN

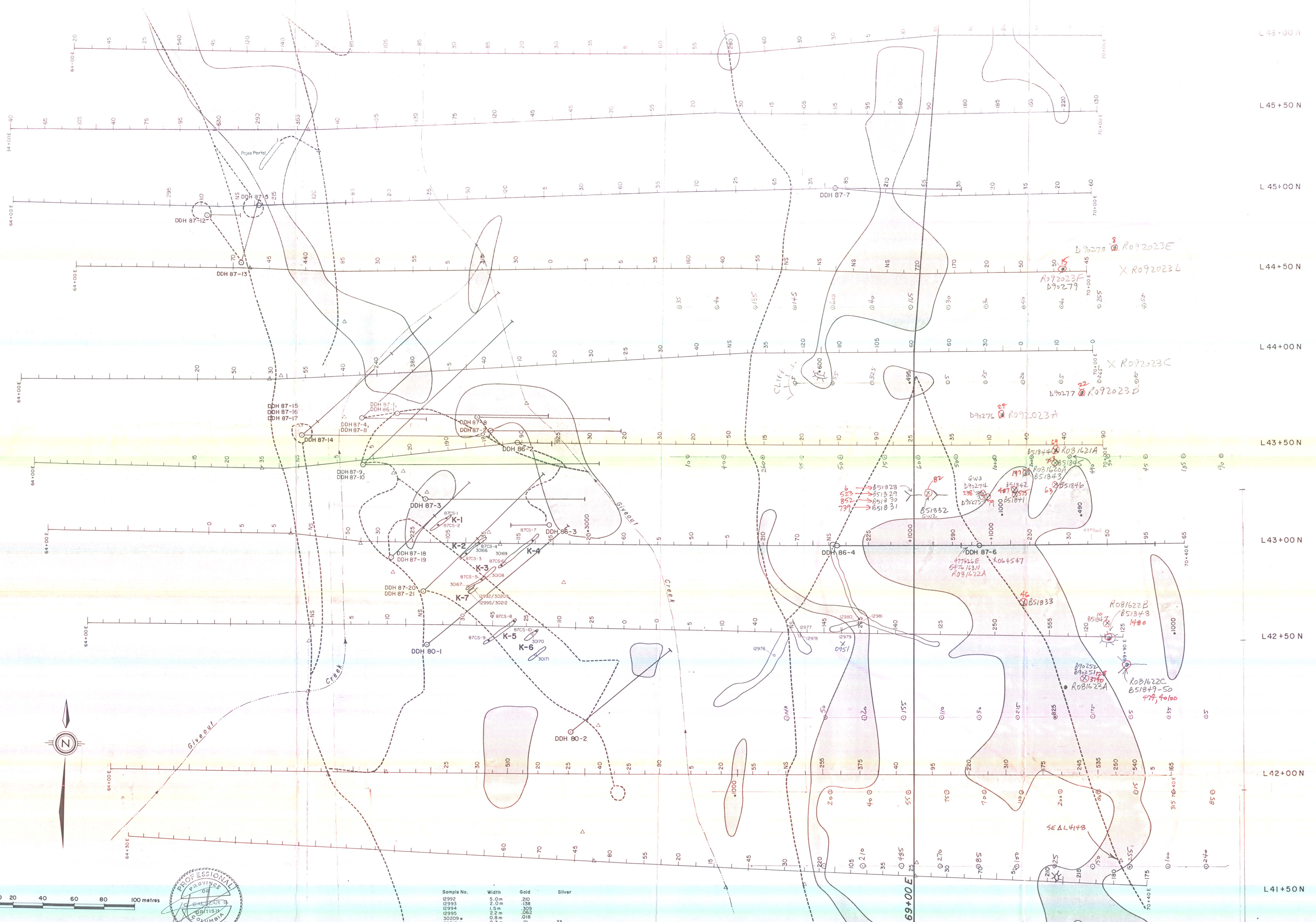
Location (show on map) Lat \_\_\_\_\_ Long \_\_\_\_\_ Elevation \_\_\_\_\_

Best assay/sample type 40,100 PPB AU FROM QUARTZ VEIN MATERIAL ON OLD ADIT MUMP.

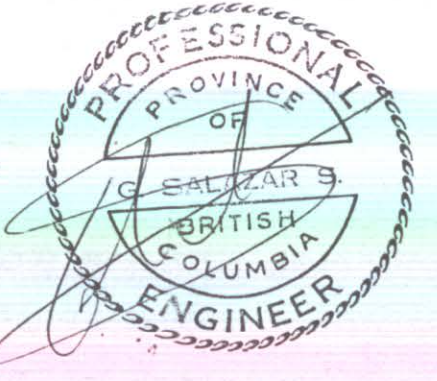
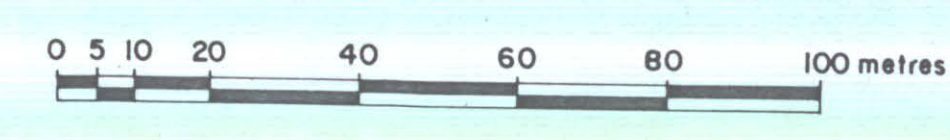
Description of mineralization, host rocks, anomalies TYPE OF MINERALIZATION LOOKED FOR ~~IS~~ IS LOW-GRADE GOLD HOSTED BY FRACTURED SILVER KING PORPHYRY. BEST VALUES OBTAINED IN THE INTRUSIVE WAS 1480 PPB. LESS OUTCROP OCCURS IN THE AREA OF THE SOIL ANOMALY THAN IN AREAS WHERE SOILS ARE NOT ANOMALOUS. MORE SAMPLING SHOULD BE ATTEMPTED WITHIN MAIN ANOMALY. WILL REQUIRE

Supporting data must be submitted with this TECHNICAL REPORT HAND OR MACHINE TRENCHING  
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L 46+30 N  
 L 45+50 N  
 L 45+00 N  
 L 44+50 N  
 L 44+00 N  
 L 43+50 N  
 L 43+00 N  
 L 42+50 N  
 L 42+00 N  
 L 41+50 N



**Giveout Junction - 1987 Trench Sampling**  
 LECTUS DEVELOPMENT LTD.  
 GREAT WESTERN PROJECT  
**SOIL GEOCHEMISTRY - GOLD**

Work by: G. SALAZAR S.  
 Revised by: E.T.T.  
 Figure No. 7.1  
 SCALE 1:1,000

G. SALAZAR S. & ASSOCS. LTD.  
 INTERNATIONAL  
 GEOLOGICAL CONSULTANTS  
 23 Brabourne Mews S.W.  
 Calgary Alberta

**LEGEND:**  
 --- GRID LINE  
 --- ROAD  
 --- CREEK  
 --- TRENCH  
 ○ SOIL SAMPLE Au ppb  
 ● ROCK SAMPLE  
 \* GPS LOCATION  
 AREA OF 1987 WORK  
 0.25 Au ppb

Sample No.	Width	Gold	Silver
2992	5.0m	210	
2995	2.0m	130	
2994	1.5m	209	
2995	2.2m	145	
3020*	0.3m	111	33
3021*	0.3m	113	13
3022*	1.8m	027	18.8ppm
3066	1.0m	475	
3067	1.0m	340	
3068	1.0m	165	
3069	1.0m	255	
3070	1.0m	480	
3071	1.0m	80	
3072	1.0m	179	
2977	3.5m	5	
2978	1.0m	1500	
2979	6.0m	75	
2980	2.5m	55	
2981	1.0m	55	

Soils	Gold	Silver
87CS-1	620 ppb	0.8 ppm
87CS-2	80 ppb	0.3 ppm
87CS-3	65 ppb	0.3 ppm
87CS-4	151 ppb	1.4 ppm
87CS-5	035 oz/ton	1.5 ppm
87CS-6	036 oz/ton	3.9 ppm
87CS-7	920 ppb	11 ppm
87CS-8	030 oz/ton	1.2 ppm
87CS-9	255 ppb	0.6 ppm
87CS-10	140 ppb	1.2 ppm

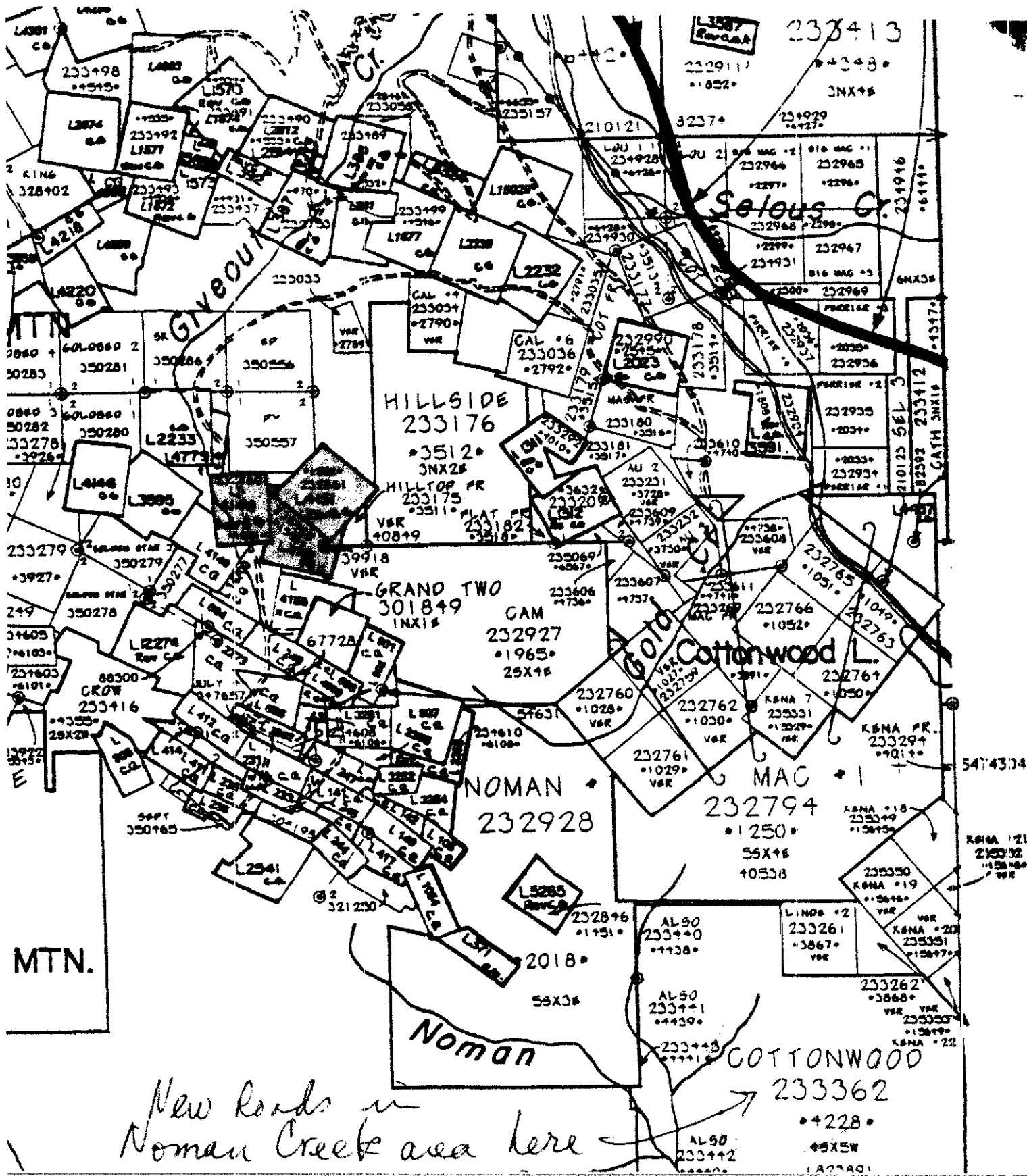
All values in ounces per ton unless otherwise noted.

477900E  
 5475900N

PROJECT GW



# MINERAL CLAIM MAP GREAT WESTERN CLAIM GROUP



**BRITISH COLUMBIA  
PROSPECTORS ASSISTANCE PROGRAM  
PROSPECTING REPORT FORM (continued)**

JAN 27 1998

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**B. TECHNICAL REPORT**

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Name R-J. BOURDON Reference Number 97/98 P81

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) RED ELEPHANT MINFILE No. if applicable 082KNWJOS3  
 Location of Project Area NTS 02K/11E Lat 50°39'30" Long 117°09'40"  
 Description of Location and Access ACCESS BY 2-WD NP HEALY CREEK ROAD TO ± 10 KM FROM SHOWING. LAST ± 10 KM IS VIA ATV OR ON FOOT.  
 Main Commodities Searched For AU (CU).

Known Mineral Occurrences in Project Area RED ELEPHANT SHOWING IS DOCUMENTED IN GSC MEMOIR 161.

**WORK PERFORMED**

1. Conventional Prospecting (area) ± 3 HA.
2. Geological Mapping (hectares/scale) 0
3. Geochemical (type and no. of samples) 14 ROCKS, ICP + AU.
4. Geophysical (type and line km) 0
5. Physical Work (type and amount) MINOR HAND TRENCHING @ OLD PIT.
6. Drilling (no., holes, size, depth in m, total m) 0
7. Other (specify) MAKE ROAD PASSABLE - CONSTRUCT CROSSING AT HALL CREEK.

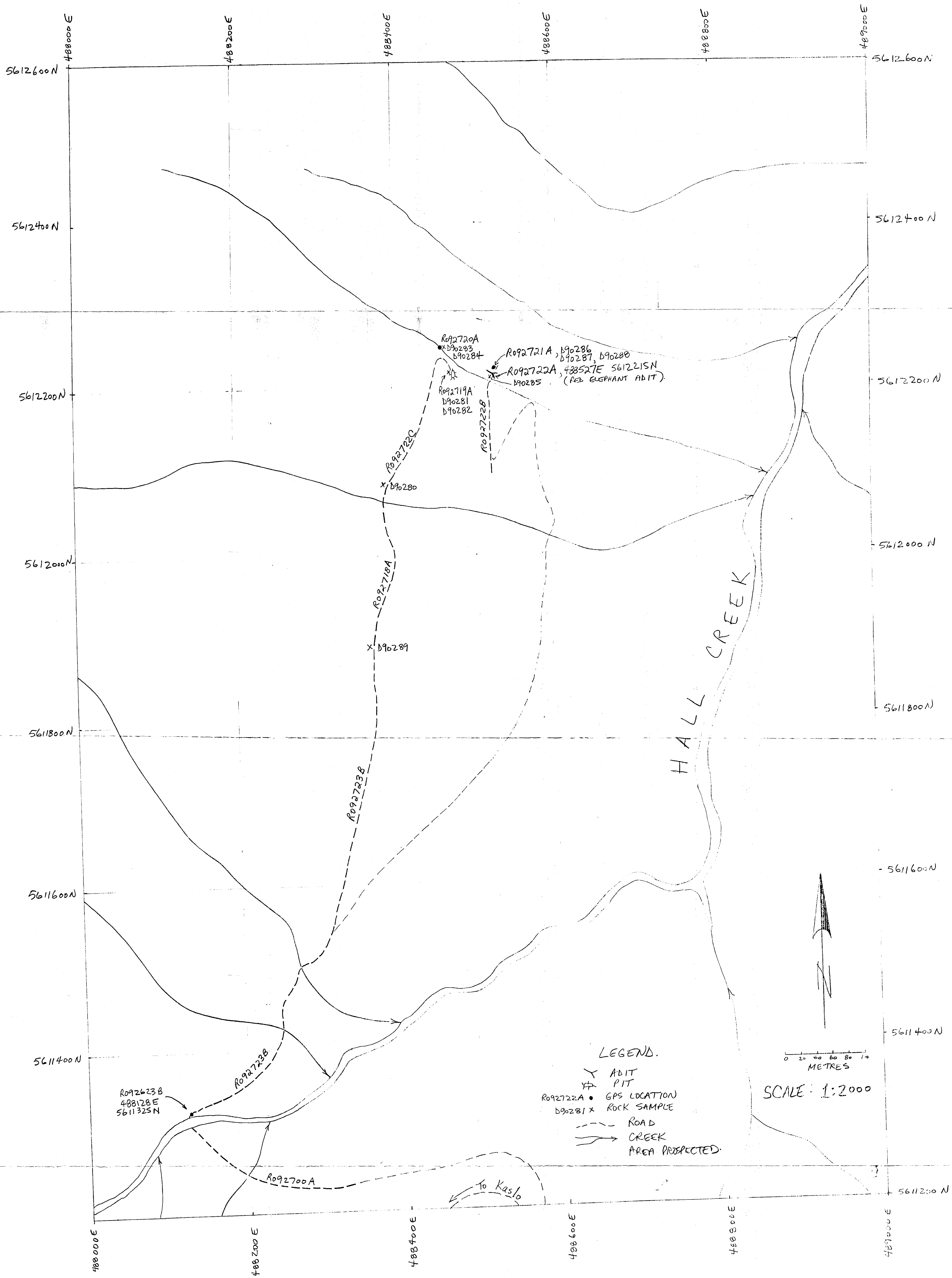
**SIGNIFICANT RESULTS**

Commodities AU. Claim Name HALL  
 Location (show on map) Lat 50°39'30" Long 117°09'40" Elevation 1383 m. at PIT.  
 Best assay/sample type 4.23 02/t chip sample across ± 0.5 m IN OLD PIT. ADJACENT SAMPLE WAS 0.58 02/t across 2.5 m.

Description of mineralization, host rocks, anomalies  
THE ONLY GOOD GRADE MINERALIZATION CONSISTED OF VUGGY DECOMPOSED QUARTZ WITH HEAVY IRON OXIDE STAIN. THE SHOWING LOOKS TO BE VERY SMALL -- COULD NOT BE SEEN IN OUTCROP ON STRIKE TO THE NORTH. HOWEVER BASED ON THE HIGHEST AU VALUES, MORE WORK IS IN ORDER.

Supporting data must be submitted with this TECHNICAL REPORT  
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SKETCH MAP OF RED ELEPHANT PROPERTY

**RED ELEPHANT PROPERTY  
(HALL CREEK - DUNCAN RIVER)**



**LOOKING WEST (UPHILL) FROM ADIT ENTRANCE  
(NOTE THE LOCATION OF HI-GRADE VUGGY ZONE IN PIT)**



**VIEW OF ADIT ENTRANCE**



**RED ELEPHANT PROPERTY  
(HALL CREEK - DUNCAN RIVER)**

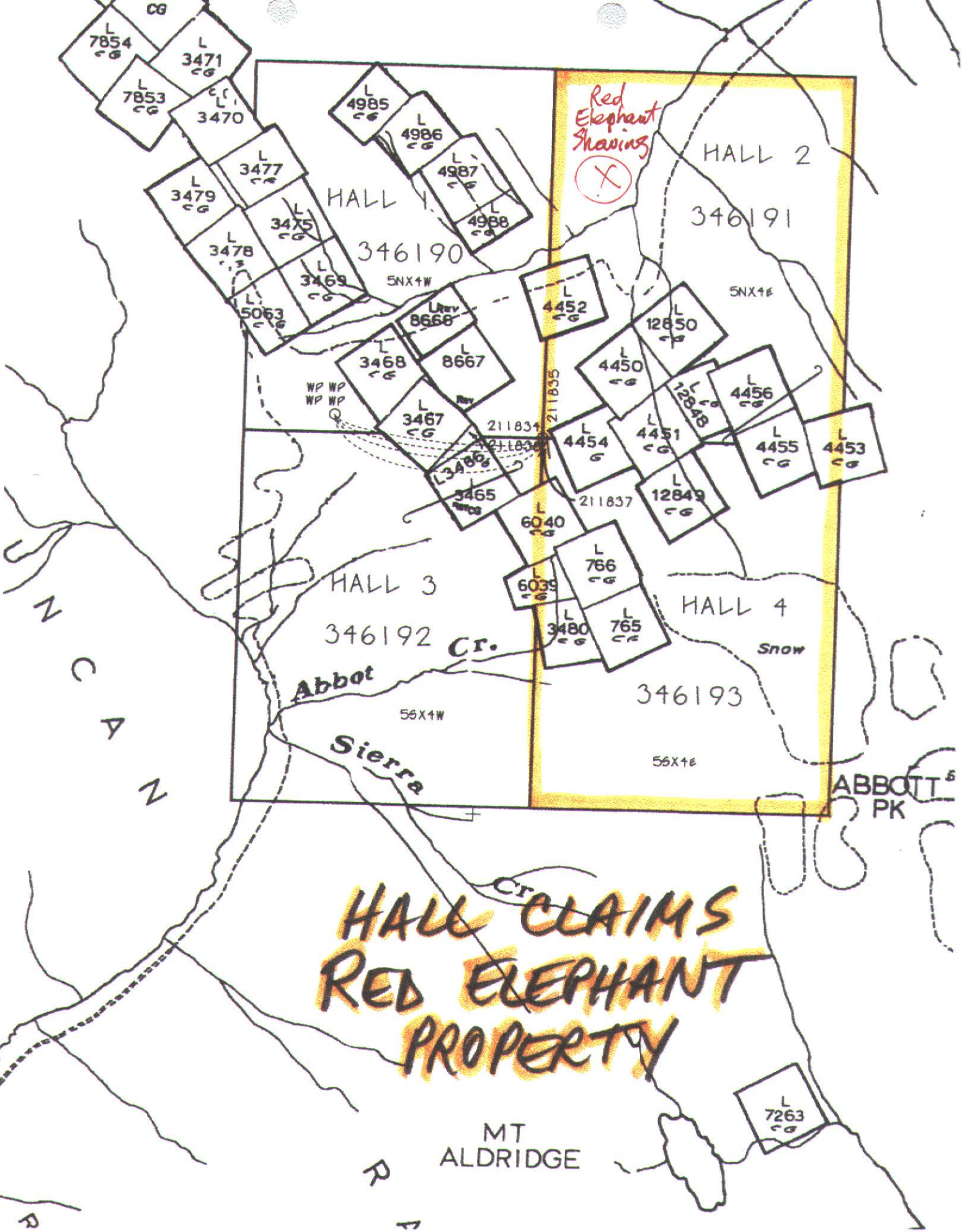


**SAMPLING OF DECOMPOSED VUGGY ZONE NEAR OLD PIT  
(CONTAINS VISIBLE GOLD ASSAYING FROM  $\frac{1}{2}$  TO OVER 4 OZ/TON)**



**VIEW DOWNHILL TO EAST FROM ADIT ENTRANCE  
(SHOWING HALL CREEK & TRIBUTARY OF HALL CREEK)**





Red Elephant Shavings



HALL 2

346191

HALL 1

346190

HALL 3

346192

HALL 4

346193

Abbot

Sierra

Snow

ABBOTT<sup>5</sup> PK

**HALL CLAIMS  
RED ELEPHANT  
PROPERTY**

MT ALDRIDGE

L 7263 CG

L 7854 CG

L 3471 CG

L 7853 CG

L 3470

L 4985 CG

L 4986 CG

L 4987 CG

L 4988 CG

L 3477 CG

L 3479 CG

L 3478 CG

L 3475 CG

L 3469 CG

L 5063 CG

L 8668

L 3468 CG

L 8667

L 3467 CG

L 4452 CG

L 4450 CG

L 4456 CG

L 4455 CG

L 4453 CG

L 4454 CG

L 4451 CG

L 12849 CG

L 6040 CG

L 766 CG

L 6039 CG

L 3480 CG

L 765 CG

56X1W

56X1E

5NX1W

5NX1E

211834

211835

211836

211837

C  
N  
C  
A  
N

R

A

R

JAN 27 1998

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**BRITISH COLUMBIA  
PROSPECTORS ASSISTANCE PROGRAM  
PROSPECTING REPORT FORM (continued)**

**B. TECHNICAL REPORT**

- One technical report to be completed for each project area.
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Name R. J. BOURDON Reference Number 97/98 P81

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) FARNHAM MINFILE No. if applicable —  
 Location of Project Area NTS B2F/6E Z11 Lat 487000E Long 5462800N  
 Description of Location and Access 4x4 AND ATV ACCESS.

Main Commodities Searched For AU.

Known Mineral Occurrences in Project Area YMIR AND GOODENOUGH MINES WITHIN A FEW HUNDRED METRES.

WORK PERFORMED	
1. Conventional Prospecting (area)	<u>1 ± HA -</u>
2. Geological Mapping (hectares/scale)	<u>∅</u>
3. Geochemical (type and no. of samples)	<u>3 ROCKS - DCP + AU.</u>
4. Geophysical (type and line km)	<u>∅</u>
5. Physical Work (type and amount)	<u>∅</u>
6. Drilling (no., holes, size, depth in m, total m)	<u>∅</u>
7. Other (specify)	<u>∅</u>

**SIGNIFICANT RESULTS**

Commodities NIL Claim Name FARNHAM.  
 Location (show on map) Lat \_\_\_\_\_ Long \_\_\_\_\_ Elevation \_\_\_\_\_  
 Best assay/sample type \_\_\_\_\_

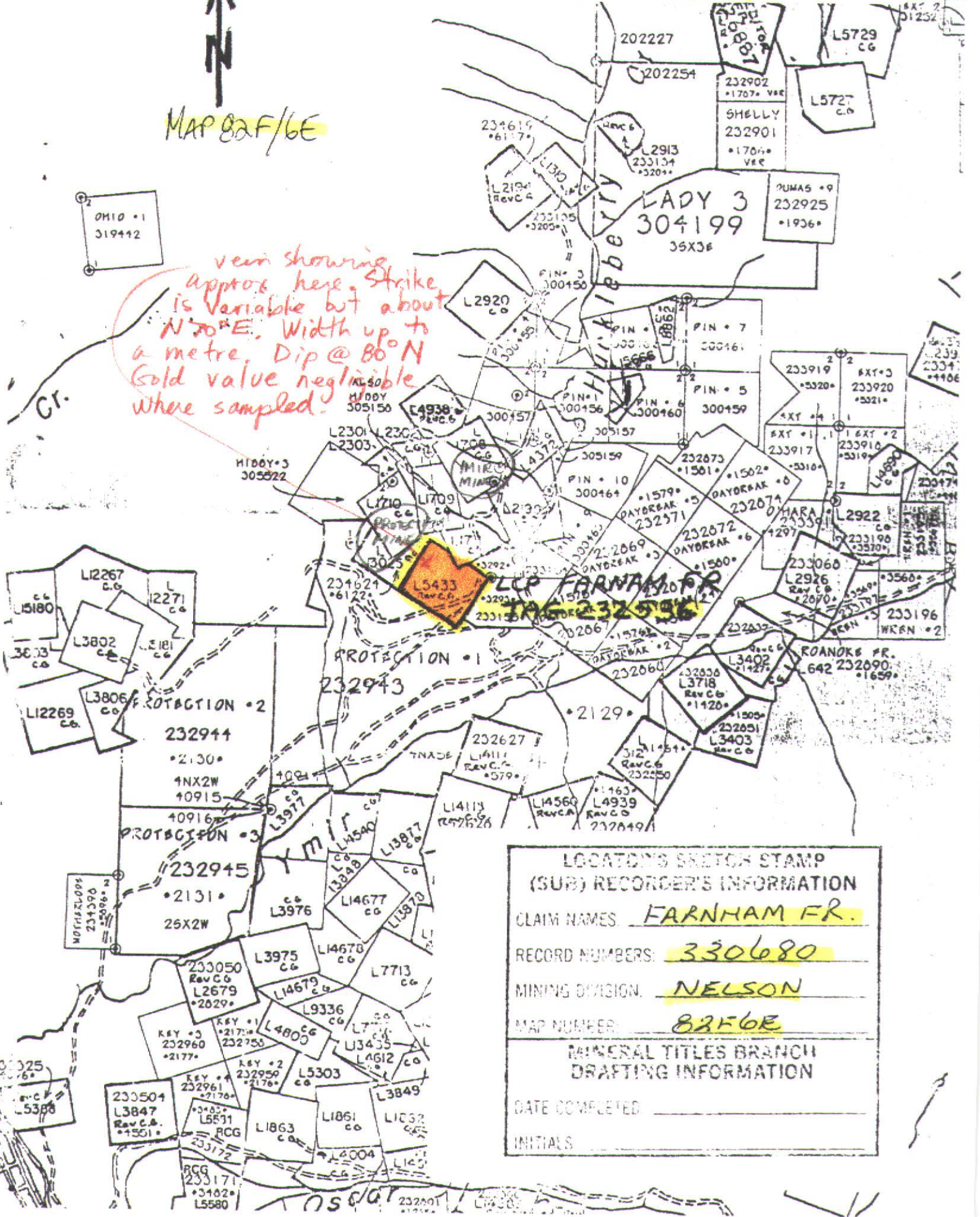
Description of mineralization, host rocks, anomalies SAMPLING OF AREA OF SHEARED ARGILLITES CONTAINING NARROW QUARTZ STRINGERS AND MINOR IRON OXIDES. IS IN AN AREA OF SIGNIFICANT PAST GOLD PRODUCTION - YMIR CREEK.

Supporting data must be submitted with this TECHNICAL REPORT  
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MAP 82F/6E

vein showing approx here. Strike is variable but about N70°E. Width up to a metre. Dip @ 80°N Gold value negligible where sampled.



LOCATIONS SKETCH STAMP  
 (SUB) RECORDER'S INFORMATION

CLAIM NAMES FARNHAM FR.

RECORD NUMBERS: 330680

MINING DIVISION: NELSON

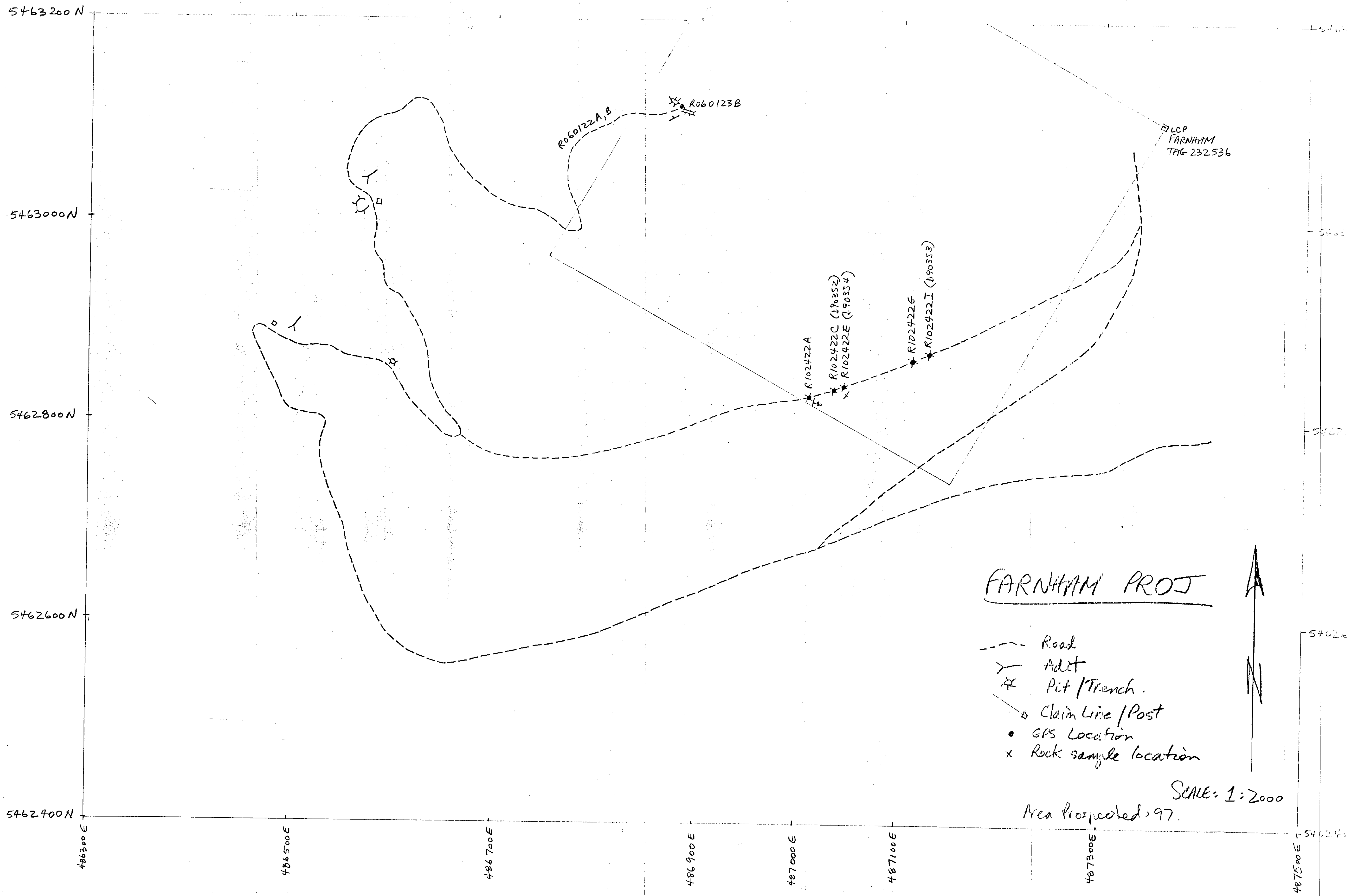
MAP NUMBER: 82F6E

---

MINERAL TITLES BRANCH  
 DRAFTING INFORMATION

DATE COMPLETED \_\_\_\_\_

INITIALS \_\_\_\_\_



FARNHAM PROJ

- - - Road
- Y Adit
- X Pit/Trench.
- Claim Line/Post
- GPS Location
- x Rock sample location



SCALE: 1:2000  
Area Prospected, 97.

**BRITISH COLUMBIA  
PROSPECTORS ASSISTANCE PROGRAM  
PROSPECTING REPORT FORM (continued)**

JAN 27 1998

P81

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Name BOB BOURDON Reference Number 97/98 P81

**LOCATION/COMMODITIES**  
 Project Area (as listed in Part A) TROUT LAKE (CCM.) MINFILE No. if applicable 082KNW087  
 Location of Project Area NTS 082K/12E Lat 50°38'52" Long 117°25'18"  
 Description of Location and Access FAIR 4x4 ACCESS TO CROSSCUT ENTRANCE. ATV ACCESS ONLY TO AREA WHERE CCM 1-4 LOCATED.  
 Main Commodities Searched For MO, AU.

Known Mineral Occurrences in Project Area SUB-ECONOMIC PORPHYRY STYLE MO DEPOSIT CONTAINS ± 50M TONS OF 0.13% MO INDICATES RESERVES.

**WORK PERFORMED**

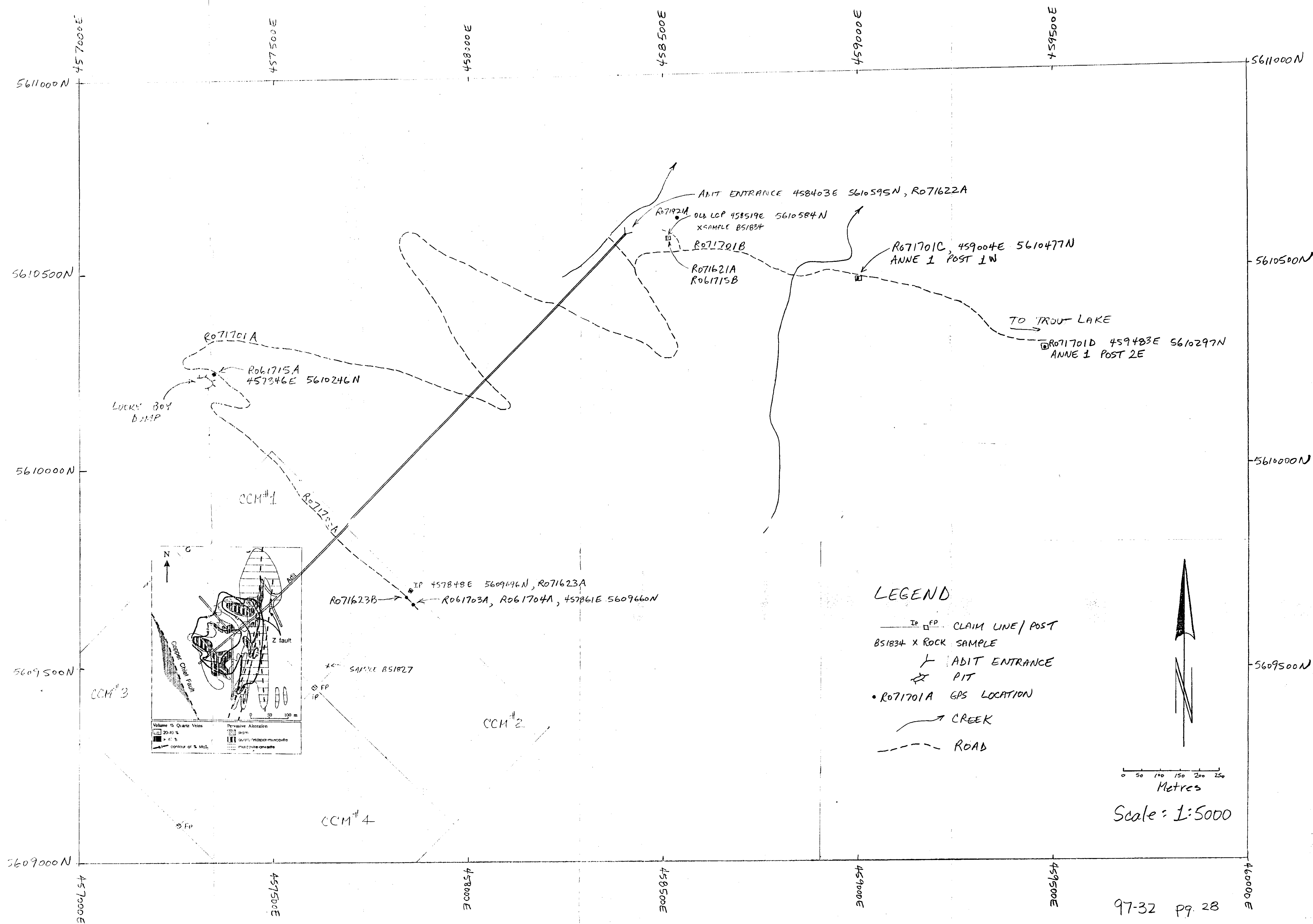
1. Conventional Prospecting (area) 2 HA ±
2. Geological Mapping (hectares/scale) ∅
3. Geochemical (type and no. of samples) 2 ROCKS ICP + AU.
4. Geophysical (type and line km) ∅
5. Physical Work (type and amount) CLAIM STAKING 4 UNITS.
6. Drilling (no., holes, size, depth in m, total m) ∅
7. Other (specify) GPS LOCATIONS OF ADIT ENTRANCE / CLAIM POSTS.

**SIGNIFICANT RESULTS**  
 Commodities MO. N/A. Claim Name CCM 1-4.  
 Location (show on map) Lat 1211 458539E Long 5610622N Elevation 940M.  
 Best assay/sample type 1% MO FROM DUMP. - SAMPLE # B51834.  
NO PRECIOUS METAL VALUES APPEAR TO BE PRESENT

Description of mineralization, host rocks, anomalies  
TYPICAL STOCKWORK MO - PORPHYRY RELATED TO A LATE CRETACEOUS GRANODIORITE INTRUSION.

Supporting data must be submitted with this TECHNICAL REPORT  
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SKETCH MAP OF CCM (COPPER CHIEF MOLY) PROPERTY NEAR TROUT LAKE



**CCM (COPPER CHIEF MOLY) PROPERTY  
(NEAR TROUT LAKE - LARDEAU AREA)**



**INITIAL POST - CCM #1 & CCM #2**



**VIEW OF ADIT ENTRANCE**





**BRITISH COLUMBIA  
PROSPECTORS ASSISTANCE PROGRAM  
PROSPECTING REPORT FORM (continued)**

JAN 27 1998

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**B. TECHNICAL REPORT**

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Name R. J. BOURSON Reference Number 97/98 P81

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) OXIDE MINFILE No. if applicable 82FSW022

Location of Project Area NTS 82F/6E Lat 49°15' Long 117°09'

Description of Location and Access 4x4 ACCESS UP OSCAR CREEK ROAD TO NORTH EDGE OF CLAIMS. ATV. ACCESS TO THE VICINITY OF OXIDE SHOWINGS.

Main Commodities Searched For ZN - PB - AG.

Known Mineral Occurrences in Project Area A NUMBER OF SMALL PB-ZN VEIN SHOWINGS. PRIMARY SHOWING IS A HIGHLY OXIDIZED ZONE ± 9M WIDE AND AT LEAST 450M LONG + AT LEAST 180M DEEP. ZN UP TO 15% AND PB UP TO 3%.

WORK PERFORMED	
1. Conventional Prospecting (area)	<u>± 2 ha.</u>
2. Geological Mapping (hectares/scale)	<u>0</u>
3. Geochemical (type and no. of samples)	<u>10 ROCKS - ICP + AU.</u>
4. Geophysical (type and line km)	<u>0</u>
5. Physical Work (type and amount)	<u>SAMPLING ONLY.</u>
6. Drilling (no., holes, size, depth in m, total m)	<u>0</u>
7. Other (specify)	<u>0</u>

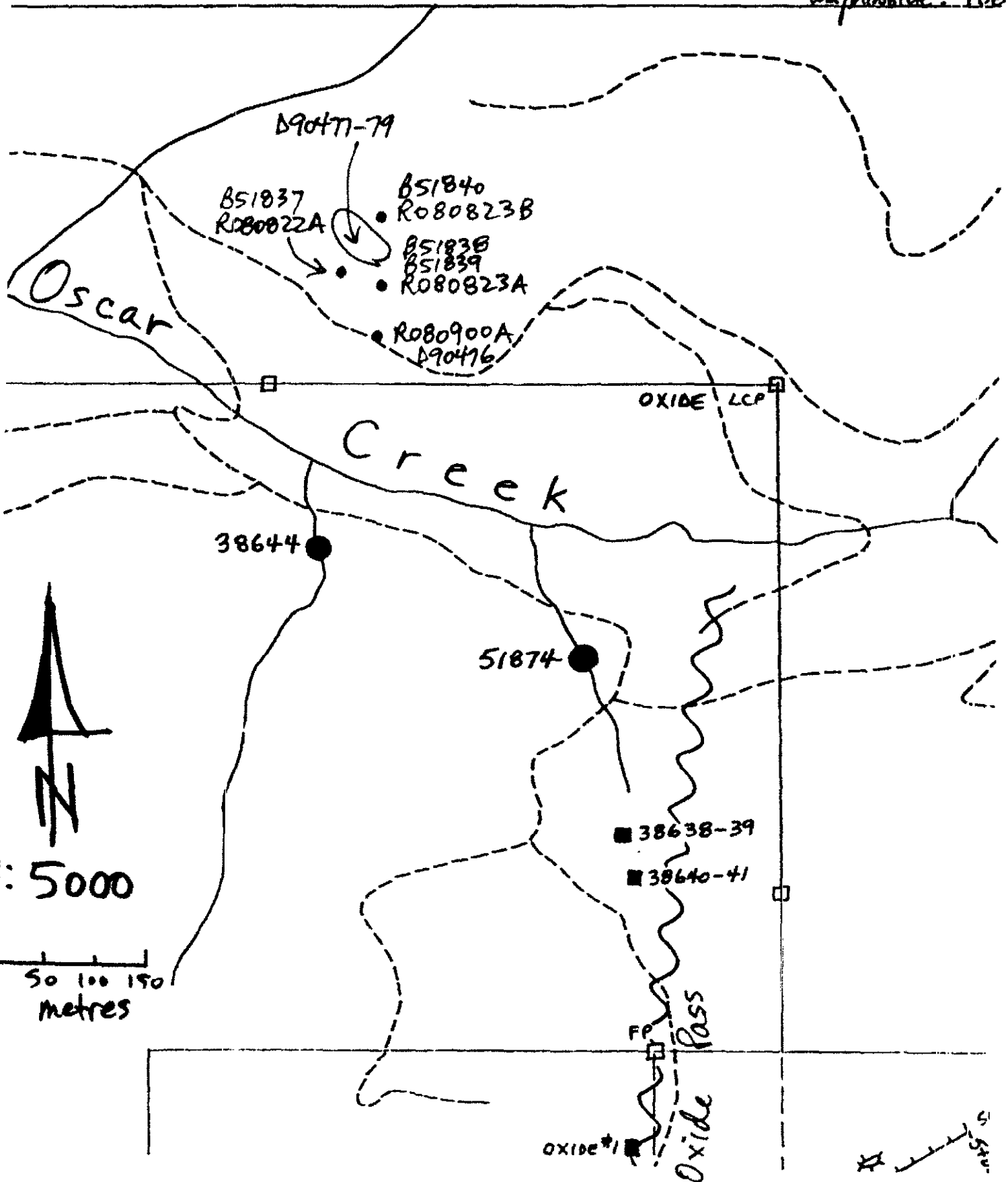
**SIGNIFICANT RESULTS** IN NEW AREA PROSPECTED.  
 Commodities N/A. - NO ECONOMIC MINERALS. Claim Name OXIDE  
 Location (show on map) Lat \_\_\_\_\_ Long \_\_\_\_\_ Elevation \_\_\_\_\_  
 Best assay/sample type \_\_\_\_\_

Description of mineralization, host rocks, anomalies THIS NEW AREA PROSPECTED IN 1997 CONTAINS WIDESPREAD PO - MN MINERALIZATION IN ARGILLITES AND SAMPLING WAS DONE TO DETERMINE IF ANY ECONOMIC VALUES PRESENT. NIL FOUND.

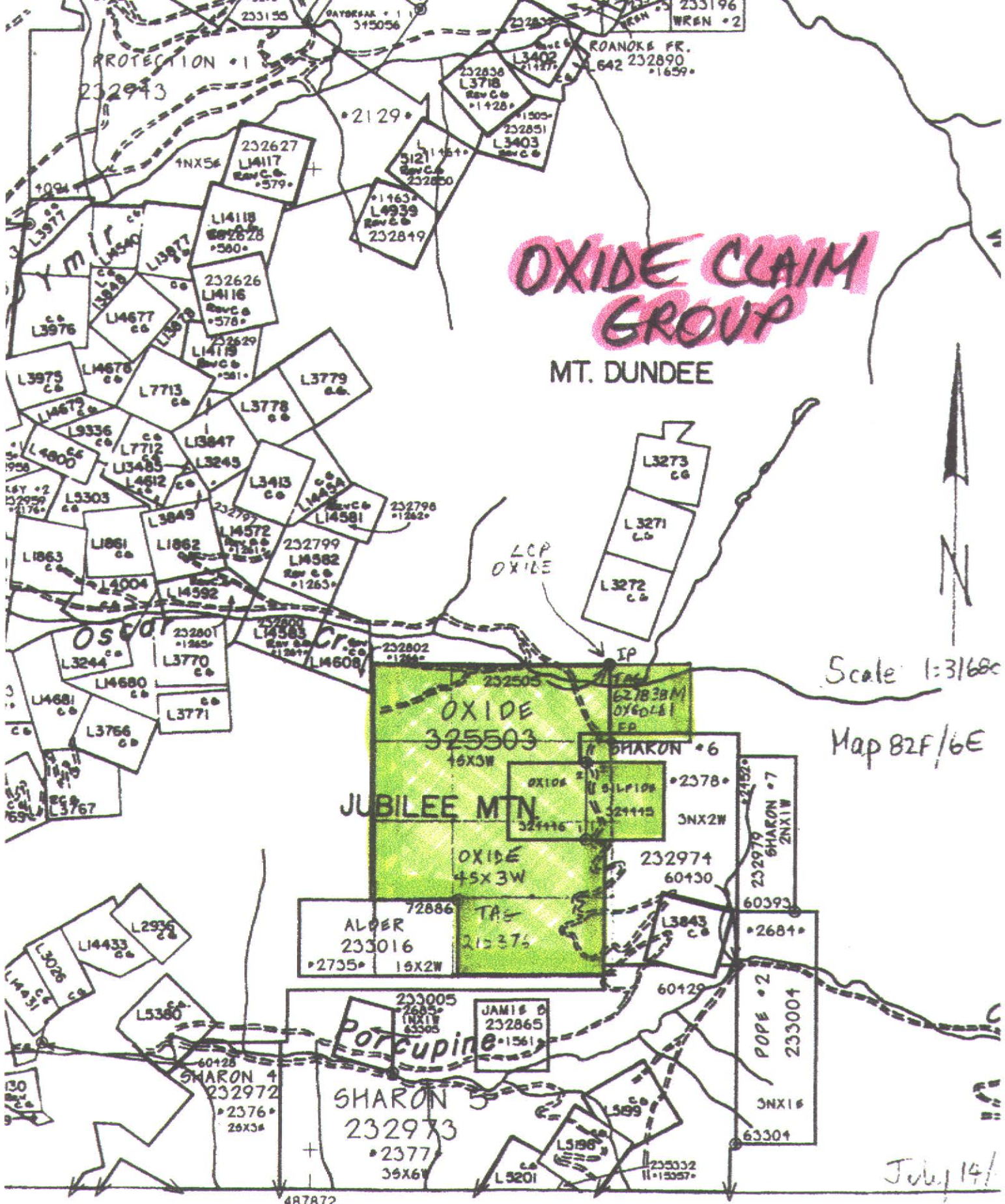
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# OXIDE PROPERTY

RO80901A  
Po, some massive  
in hard green  
amphibolite? rock







JAN 27 1998

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BRITISH COLUMBIA  
PROSPECTORS ASSISTANCE PROGRAM  
PROSPECTING REPORT FORM (continued)

**B. TECHNICAL REPORT**

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Name B. BOURDON Reference Number 97/98 PBI

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) CARLIN. MINFILE No. if applicable N/A.  
 Location of Project Area NTS 82 F / 3E - 211 Lat 48 13 00 E Long 54 35 50 N  
 Description of Location and Access ALONG MAIN SELMO - CRESTON  
HIWAY.

Main Commodities Searched For PB - ZN - (AU, AG).

Known Mineral Occurrences in Project Area JERSEY MINE IS ± 3 KM TO N.

**WORK PERFORMED**

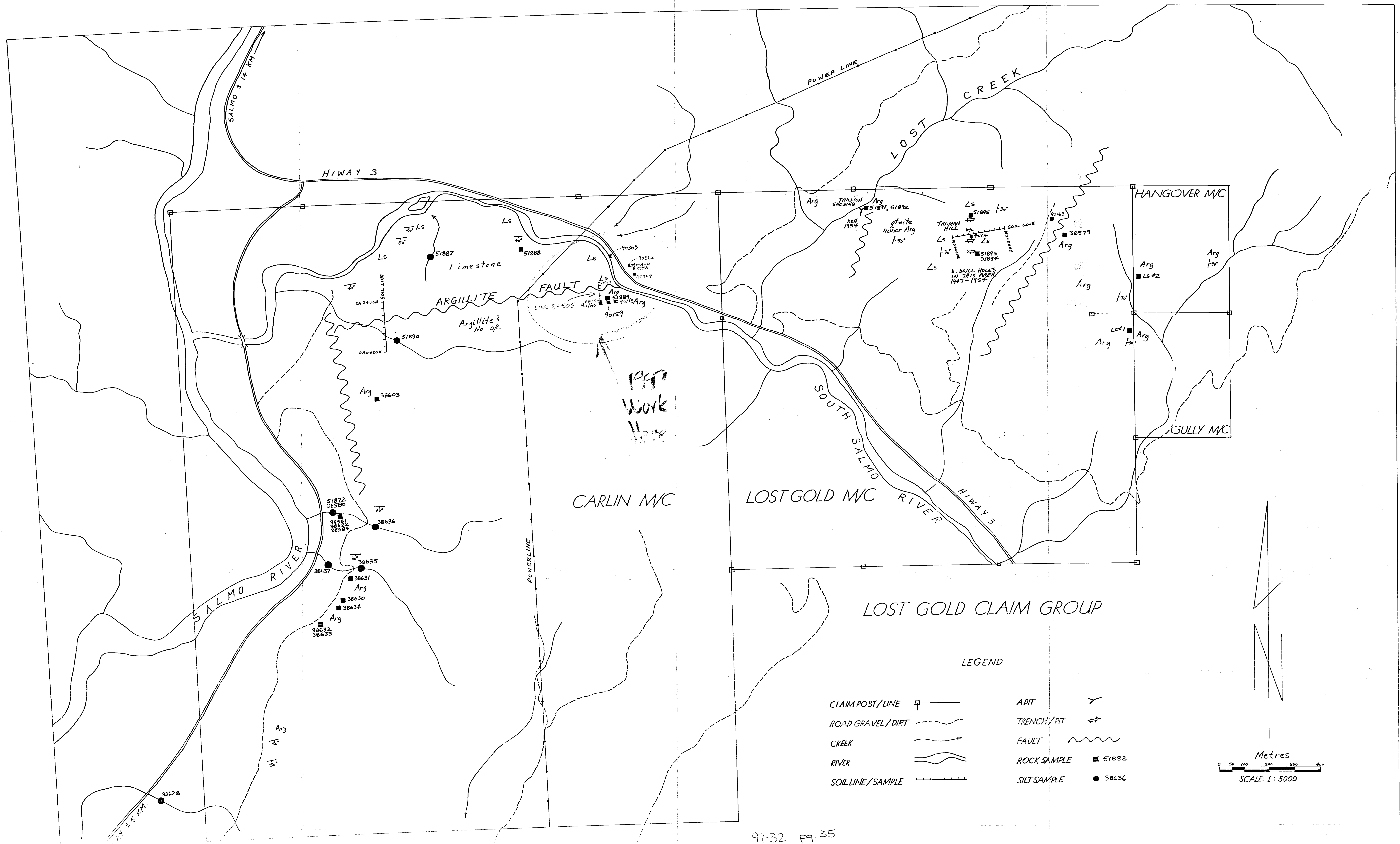
1. Conventional Prospecting (area) 1 HA.
2. Geological Mapping (hectares/scale) 0
3. Geochemical (type and no. of samples) 8 SOILS, 17 ROCKS all ICP + AU.
4. Geophysical (type and line km) 0
5. Physical Work (type and amount) 0
6. Drilling (no. holes, size, depth in m, total m) 0
7. Other (specify) 0

**SIGNIFICANT RESULTS**

Commodities PB - ZN (AU) Claim Name CARLIN.  
 Location (show on map) Lat 211, 48 12 60 E Long 54 35 45 N Elevation 663 m.  
 Best assay/sample type SAMPLE 90264 - 1.6% PB, 1% ZN, 3795 ppb Au.  
SAMPLE 90362 - 1.9% PB, 1.2% ZN, 4060 ppb Au.  
 Description of mineralization, host rocks, anomalies APPEARS TO BE MINOR  
PB - ZN - AU - AS-Sb MINERALIZATION IN NARROW  
FRACTURES AND PDS IN REEVES LIMESTONE.

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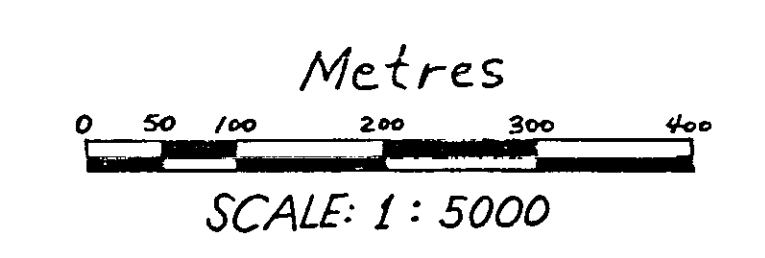
CARLIN MC

LOST GOLD MC

LOST GOLD CLAIM GROUP

LEGEND

- CLAIM POST/LINE [Symbol]
- ROAD GRAVEL/DIRT [Symbol]
- CREEK [Symbol]
- RIVER [Symbol]
- SOIL LINE/SAMPLE [Symbol]
- ADIT [Symbol]
- TRENCH/PIT [Symbol]
- FAULT [Symbol]
- ROCK SAMPLE [Symbol] 51882
- SILT SAMPLE [Symbol] 38636







GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. PROJECT CARLIN/SH File # 97-2237 Page 1  
907 W. Richards St., Nelson BC V1L 5T3

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
B 51811	1	31	14	9	<.3	17	8	477	1.72	3	7	<2	9	7	<2	<2	3	7	.11	.052	32	10	.20	48	<.01	<3	.74	.03	.20	2	3
B 51812	1	20	8	10	<.3	15	8	291	1.71	2	10	<2	8	12	<2	<2	<2	11	.23	.059	20	17	.46	47	.02	<3	.88	.02	.20	3	1
B 51813	<3	11	<3	16	<.3	2	1	48	.13	<2	<5	<2	<2	488	.5	<2	<2	13	39.34	.043	3	9	.61	146	.01	<3	.20	<.01	.15	<2	2
B 51814	<1	19	5	75	1.3	30	5	113	1.19	3	<5	<2	6	142	.6	<2	3	44	10.12	.100	12	50	2.48	165	.11	<3	1.37	.02	.84	<2	2
B 51815	1	8	21	94	1.2	25	<1	207	.62	15	<5	<2	2	681	5.1	<2	<2	27	24.78	.229	8	19	.77	75	.01	<3	.42	<.01	.10	<2	6
RE B 51815	1	10	21	92	1.2	21	3	203	.62	14	<5	<2	3	687	5.1	2	4	28	25.00	.235	8	19	.77	70	.01	<3	.43	.01	.10	<2	5
B 51816	11	13	10	58	.3	9	1	102	1.01	37	<5	<2	2	18	.7	13	4	79	.37	.032	10	16	.04	178	<.01	4	.23	<.01	.13	4	7
B 51817	8	12	1074	18	14.3	3	1	50	.41	23	<5	<2	<2	6	<.2	27	<2	47	.14	.010	7	19	.02	97	<.01	6	.17	<.01	.11	6	39

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR NG BA TI B V AND LIMITED FOR NA K AND AL.  
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
- SAMPLE TYPE: P1 ROCK P2 SOIL AU\* - IGNITED, AQUA-REGIA/NIDK EXTRACT, GF/AA FINISHED (10 GM)  
Samples beginning 'RE' are Returns and 'RR' are Reject Returns.

DATE RECEIVED: MAY 15 1997 DATE REPORT MAILED: *May 27/97* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED S.C. ASSAYERS

Geological Survey Branch  
MEI  
JAN 27 1998  
P 81



P.02/03  
12503526817  
804 253 1716 TO  
MAY 28 '97 8:11 FR ACME LABS



Bourdon, R.J. PROJECT CARLIN/SH FILE # 97-2237



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au+ ppb
3+50E O+70W	<1	20	17	106	<.3	26	10	288	2.28	<2	<5	<2	6	25	<.2	<2	2	41	.28	.130	16	28	.46	285	.10	5	2.26	.02	.17	2	2
3+50E O+60W	<1	15	19	103	<.3	33	8	461	2.26	<2	<5	<2	6	25	.2	<2	<2	40	.27	.177	15	28	.46	221	.10	<3	2.04	.02	.18	3	1
3+50E O+50W	<1	28	20	121	<.3	37	11	248	2.75	5	<5	<2	6	25	.3	<2	3	51	.33	.150	17	35	.57	193	.10	3	2.66	.03	.19	2	2
RE 3+50E O+50W	<1	21	21	115	<.3	30	10	238	2.64	4	<5	<2	7	25	.4	<2	<2	50	.32	.144	17	32	.55	189	.10	<3	2.58	.02	.18	2	-
3+50E O+40W	<1	23	25	127	<.3	36	11	397	2.67	<2	<5	<2	6	28	.8	<2	4	48	.31	.143	19	32	.60	201	.10	5	2.16	.02	.20	3	2
3+50E O+30W	<1	20	20	96	<.3	25	9	349	2.31	3	<5	<2	7	26	.3	3	<2	42	.34	.093	25	32	.59	139	.08	<3	1.64	.02	.23	2	3
3+50E O+20W	1	24	19	99	<.3	27	10	311	2.51	3	<5	<2	7	24	.5	<2	<2	47	.32	.139	23	30	.61	137	.08	7	1.63	.02	.20	2	2
3+50E O+10W	2	39	535	814	.4	73	16	1035	3.14	54	<5	<2	5	49	5.8	5	2	78	.54	.529	15	34	.48	626	.10	4	2.25	.03	.15	<2	4
3+50E O+00W	1	39	86	721	<.3	105	16	507	3.19	36	<5	<2	6	48	3.6	5	2	69	.52	.303	17	42	.68	475	.12	<3	2.39	.03	.17	<2	6

Sample type: SOIL. Samples beginning 'RE' are Returns and 'RRE' are Reject Returns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Date 5/28/97

See file ASSAY97-XLS

\*\* TOTAL PAGE.003 \*\*



## GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. File # 97-3077 Page 1  
907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 51818	7	1467	10	24	2.0	18	25	200	6.10	<2	<5	<2	<2	61	<2	<2	4	146	1.02	.085	4	36	.89	67	.24	<3	1.94	.24	.69	73	8
B 51820	1	313	10	13	<.3	17	32	228	7.28	<2	<5	<2	2	142	<2	<2	4	52	2.57	.178	4	7	.35	33	.14	<3	2.34	.36	.10	4	6
B 51821	4	1988	9	21	3.4	3	3	201	3.40	<2	<5	<2	3	57	<2	<2	20	197	.38	.105	10	43	1.81	216	.22	<3	2.01	.14	1.33	4	32
B 51822	3	280	11	9	<.3	9	8	102	2.36	<2	<5	<2	<2	363	.2	<2	<2	40	3.97	.155	4	12	.24	20	.17	<3	4.90	.74	.08	2	9
B 51823	23	20	8	69	1.1	64	4	255	.98	46	<5	<2	2	564	3.1	2	<2	13	23.80	.105	9	15	.24	58	<.01	<3	.28	<.01	.12	<2	3
B 51824	<1	4	<3	10	.3	1	<1	93	.22	3	<5	<2	<2	1705	.3	<2	<2	3	40.49	.027	2	2	.21	6	<.01	<3	.06	<.01	.01	<2	1
B 51825	<1	22	21	129	.8	27	14	873	5.09	4	<5	<2	8	145	1.3	<2	2	68	1.78	.232	43	18	2.02	80	.03	<3	2.09	.07	.29	3	1
B 51826	2	27	13	29	.3	22	8	87	3.46	<2	<5	<2	10	234	.4	<2	<2	44	1.93	.055	14	53	.86	23	.12	<3	4.07	.54	.47	4	4
B 51827	80	6	45	11	13.9	7	1	48	.67	83	<5	<2	<2	8	<.2	2	<2	3	.09	.007	1	17	.01	3	<.01	<3	.05	.01	.02	6	4
B 51828	1	80	19	87	.3	187	36	1065	5.91	3	<5	<2	7	326	1.0	<2	<2	141	3.35	.414	76	163	4.79	1683	.23	<3	2.74	.12	1.39	<2	6
RE B 51828	<1	78	16	87	.3	174	37	1045	5.82	4	<5	<2	7	320	.7	2	2	139	3.30	.419	75	161	4.71	1660	.25	3	2.71	.11	1.37	2	5
B 51829	1	40	8	26	.3	21	12	449	2.98	10	<5	<2	4	97	<.2	<2	<2	37	.62	.149	21	35	.94	148	.11	<3	1.03	.08	.38	5	523
B 51830	1	17	7	19	.5	3	7	413	1.91	6	<5	<2	2	111	.2	<2	<2	12	1.95	.067	7	7	.20	64	.04	3	.51	.04	.29	10	852
B 51831	3	32	8	19	.7	14	11	249	3.01	10	<5	<2	2	63	<.2	2	<2	22	.72	.082	10	18	.44	87	.06	<3	.72	.05	.31	15	739
B 51832	<1	68	29	67	.6	4	8	407	1.91	5	<5	<2	4	16	1.1	<2	<2	9	.15	.076	11	7	.06	82	.01	<3	.57	.05	.27	4	82
B 51833	<1	31	4	20	<.3	3	5	394	1.47	<2	<5	<2	2	42	<.2	2	3	8	.53	.069	11	6	.13	100	.01	<3	.62	.06	.30	<2	46
B 51834	9967	68	<3	38	<.3	21	18	313	4.05	67	6	<2	6	98	.3	<2	<2	22	.80	.041	8	27	.49	61	.05	<3	.86	.03	.45	11	5
STANDARD C3/AU-R	26	65	38	169	5.7	36	13	748	3.61	57	19	2	19	31	24.6	18	27	81	.61	.091	19	172	.66	146	.10	21	1.99	.04	.17	18	466

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.  
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
- SAMPLE TYPE: P1 ROCK P2 SOIL AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED (10 GM)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 24 1997 DATE REPORT MAILED: *Jun 30/97* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 1+20N 0+25E	1	19	15	100	.9	26	5	143	2.36	4	<5	<2	<2	59	.5	<2	3	39	.32	.302	7	32	.42	42	.06	<3	1.04	.01	.04	<2	6
B 1+20N 0+50E	1	21	17	181	.5	37	9	1131	2.98	2	<5	<2	<2	72	3.2	<2	2	60	.81	.296	16	31	.88	86	.03	<3	2.39	.01	.07	<2	2
B 1+20N 0+75E	1	21	32	76	.5	20	8	299	5.47	3	<5	<2	<2	24	<.2	<2	5	64	.14	.252	9	28	.61	57	.11	<3	1.71	.01	.07	<2	1
B 1+20N 1+00E	1	23	21	197	1.3	40	17	1400	4.51	<2	<5	<2	<2	172	3.9	<2	3	61	.96	.169	24	32	1.31	99	.07	<3	4.33	.03	.09	<2	1
B 1+20N 1+25E	1	18	10	138	1.4	39	12	432	3.71	<2	<5	<2	3	45	2.0	<2	4	72	.35	.144	16	56	1.83	45	.11	<3	5.44	.02	.10	<2	1
B 1+20N 1+50E	7	23	83	220	7.5	61	23	1485	7.35	190	<5	<2	<2	19	2.1	<2	3	80	.17	.233	13	69	1.12	64	.06	<3	2.88	.01	.07	<2	269
RE B 1+20N 1+50E	8	24	86	229	7.3	61	23	1550	7.45	189	<5	<2	<2	21	2.0	<2	<2	83	.17	.234	13	69	1.16	66	.06	<3	2.97	.01	.07	<2	740

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

AA logo and 'Data / V FA' text.



## GEOCHEMICAL ANALYSIS CERTIFICATE



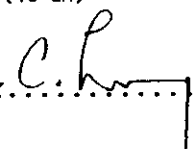
Bourdon, R.J. File # 97-4424  
907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
B 51835	1	2495	7	60	2.8	8	15	496	10.88	<2	<8	<2	2	32	<.2	3	<3	279	.32	.132	8	85	3.06	98	.33	<3	3.04	.08	2.45	5	11
B 51836	4	11998	<3	118	21.5	20	38	153	15.55	<2	<8	<2	5	19	.3	<3	128	76	.26	.179	12	24	.69	54	.07	<3	1.05	.02	.80	<2	143
B 51837	44	648	8	109	2.0	137	12	1028	9.80	<2	13	2	14	1.0	<3	<3	539	.72	.312	10	108	.52	12	.10	<3	.69	.03	.54	6	5	
B 51838	15	94	11	46	.9	16	4	1252	6.05	<2	<8	<2	3	15	.3	<3	81	.13	.131	17	37	.52	280	.09	3	1.00	.01	.49	7	3	
B 51839	41	420	11	86	2.0	216	29	331	12.47	<2	11	<2	2	9	.5	<3	6	227	.53	.152	8	43	.59	14	.10	<3	.95	.02	.67	5	3
B 51840	7	154	11	230	1.0	32	5	1561	19.29	<2	<8	<2	3	56	<.2	<3	435	.65	.522	23	154	.55	191	.04	<3	1.19	<.01	.20	3	3	
B 51841	2	26	3	15	1.1	4	4	387	1.39	3	13	<2	4	13	<.2	<3	4	7	.13	.064	13	9	.07	70	.01	5	.46	.04	.25	2	575
B 51842	1	42	<3	14	.9	3	3	350	1.17	3	12	<2	2	29	.2	<3	5	7	.41	.058	9	6	.13	79	.02	3	.49	.03	.26	3	487
B 51843	1	8	<3	15	<.3	4	4	378	1.45	<2	<8	<2	3	31	<.2	<3	11	.56	.065	11	7	.20	120	.04	3	.61	.04	.32	2	197	
B 51844	<1	6	7	24	<.3	4	4	405	2.01	3	8	<2	3	47	<.2	<3	3	36	1.92	.064	10	10	.39	149	.10	9	1.30	.07	.14	5	69
B 51845	1	16	4	13	.3	3	3	333	1.42	3	11	<2	3	31	<.2	<3	11	.36	.061	11	9	.18	126	.03	4	.70	.04	.33	2	353	
B 51846	1	9	<3	18	<.3	4	3	413	1.34	2	10	<2	3	35	<.2	<3	11	.61	.065	10	8	.21	123	.05	6	.69	.05	.36	3	63	
B 51847	1	13	10	17	.6	3	3	275	1.17	8	8	<2	4	24	<.2	<3	7	.21	.053	11	5	.11	65	.01	6	.46	.04	.26	2	10	
B 51848	1	42	7	11	1.2	3	7	318	1.55	7	9	2	3	17	<.2	<3	8	.12	.051	10	10	.09	63	.01	6	.46	.03	.21	4	1480	
RE B 51848	2	43	6	11	1.1	3	8	324	1.62	7	<8	<2	3	18	<.2	<3	7	.13	.052	10	12	.09	64	.01	4	.45	.04	.22	4	1250	
B 51849	2	47	<3	9	.3	3	6	362	1.97	46	8	<2	3	17	<.2	<3	6	.14	.064	10	8	.06	96	<.01	4	.50	.03	.24	2	474	
B 51850	3	21	9	5	11.0	7	3	233	1.18	8	10	54	<2	6	<.2	<3	10	5	.03	.018	5	27	.03	44	<.01	3	.14	.01	.08	9	40100
D 90251	1	48	10	26	.8	120	25	1117	4.26	39	<8	<2	5	127	.3	3	4	24	1.44	.219	35	72	.54	134	<.01	3	.64	.01	.31	2	3740
D 90252	2	43	9	45	<.3	183	33	1246	4.85	18	<8	<2	5	470	.4	4	<3	52	3.55	.329	55	214	2.57	190	.01	5	1.21	.02	.30	2	128
STANDARD C3/AU-R	25	62	40	151	5.5	36	12	755	3.42	54	22	3	18	28	22.0	16	21	77	.56	.088	19	159	.64	151	.09	21	1.91	.04	.16	24	477

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.  
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
- SAMPLE TYPE: ROCK AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 18 1997

DATE REPORT MAILED: Aug 23/97

SIGNED BY:  D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. File # 97-4881  
907 W. Richards St., Nelson BC V1L 5J3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	V ppm	Au* ppb
0 90266 SILT	<1	28	103	532	13.2	57	12	988	3.35	28	<8	<2	6	119	5.2	<3	3	67	1.31	.269	63	48	1.49	90	.05	<3	2.29	.02	.22	<2	4
2+50N 1+00W	1	25	19	201	.8	34	11	1713	3.98	2	<8	<2	3	51	2.7	<3	<3	90	.47	.197	16	42	.84	143	.07	4	2.54	.01	.10	<2	1
2+50N 0+75W	1	21	17	179	1.9	27	9	1046	3.08	7	<8	<2	2	63	1.2	<3	<3	61	.78	.291	12	45	.76	172	.07	4	2.62	.02	.11	<2	3
2+50N 0+50W	1	30	20	122	1.3	25	9	1645	3.16	4	<8	<2	2	25	1.4	<3	<3	59	.14	.131	13	45	.55	120	.10	<3	1.42	.01	.10	<2	1
2+50N 0+25W	1	18	33	138	.7	29	7	354	4.70	7	<8	<2	5	32	.9	<3	<3	85	.25	.106	26	49	.96	38	.09	<3	2.62	.01	.13	<2	2
2+50N 0+00	<1	27	35	132	3.9	27	8	523	3.25	13	<8	<2	3	22	1.4	<3	<3	58	.20	.110	19	57	.59	79	.08	<3	3.91	.02	.07	<2	6
RE 2+50N 0+00	1	28	35	133	4.2	27	9	528	3.29	17	<8	<2	2	22	1.5	<3	<3	59	.20	.112	20	56	.60	79	.09	<3	3.97	.02	.07	<2	8
2+50N 0+25E	2	29	31	99	2.4	23	7	399	4.81	12	<8	<2	2	19	.7	<3	<3	94	.28	.234	10	93	.56	119	.11	<3	3.15	.02	.07	<2	6
2+50N 0+50E	5	47	16	60	.9	11	10	1087	7.00	<2	<8	<2	3	7	.4	<3	<3	94	.12	.087	8	57	.16	40	.20	3	2.36	.02	.03	<2	1
2+00N 1+00W	<1	14	14	50	.3	11	4	167	2.42	<2	<8	<2	2	12	.5	<3	<3	39	.10	.093	13	20	.18	34	.10	<3	4.51	.02	.03	<2	2
2+00N 0+75W	2	25	17	164	.4	43	16	1323	4.25	<2	<8	<2	2	57	2.6	<3	<3	89	.46	.250	24	47	1.50	58	.05	<3	3.83	.01	.10	<2	1
2+00N 0+50W	2	21	29	112	.7	29	6	323	3.84	8	10	<2	<2	39	1.0	<3	<3	99	.23	.417	16	58	1.06	66	.04	<3	2.23	.01	.13	<2	2
2+00N 0+25W	1	31	18	90	1.3	26	6	245	4.40	5	<8	<2	<2	60	.6	<3	<3	72	.16	.585	15	57	.84	46	.03	<3	2.10	.01	.15	<2	2
2+00N 0+00	3	44	77	176	4.3	57	15	842	5.95	54	<8	<2	<2	21	.7	<3	<3	126	.21	.199	16	128	1.75	106	.09	<3	2.97	.01	.15	<2	35
2+00N 0+25E	1	42	23	96	.7	34	15	1258	6.45	6	<8	<2	<2	13	.5	<3	<3	140	.11	.282	10	136	.95	118	.08	<3	2.84	.01	.07	<2	5
1+20W 1+50E	8	26	90	193	6.5	54	22	1233	8.89	198	<8	<2	2	16	2.1	3	<3	90	.14	.332	14	74	.88	60	.04	<3	2.26	.01	.08	2	382
1+20W 1+75E	<1	43	13	86	1.7	58	20	1119	6.36	2	<8	<2	<2	12	.3	<3	<3	173	.07	.079	8	149	1.91	125	.04	<3	3.35	.01	.05	<2	5
1+20W 2+00E	1	114	22	155	1.7	36	32	4728	5.59	6	<8	<2	<2	22	.7	<3	<3	146	.40	.104	9	74	.98	203	.05	3	2.38	.01	.05	<2	1
STANDARD C3/AU-S	24	63	36	149	5.1	35	12	714	3.32	51	20	3	18	29	21.9	15	15	80	.58	.090	19	166	.63	138	.09	18	1.92	.04	.16	21	45

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B V AND LIMITED FOR NA K AND AL.  
- SAMPLE TYPE: SOIL/SILT AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 29 1997 DATE REPORT MAILED: *Sep 6/97* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SEP 6 97 11:38 FR ACME LABS 604 253 1716 TO 1250-3529936 P.02/03



GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. File # 97-4882  
907 W. Richards St., Nelson BC V1L 5T5

SAMPLE#	No	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	Le	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
D 90253	1	1981	24	26	.4	35	31	65	4.43	<2	<8	<2	<2	144	<2	<3	<3	31	1.79	.124	2	16	.21	17	.15	<3	1.92	.31	.05	113	5
D 90254	7	455	11	17	<.3	10	9	148	3.22	<2	<8	<2	3	101	<2	<3	<3	122	.75	.135	12	28	1.36	111	.23	4	1.67	.19	.99	347	2
D 90255	4	430	15	25	<.3	11	9	199	3.21	<2	<8	<2	4	142	<2	<3	<3	132	1.06	.152	21	37	1.34	135	.23	<3	2.07	.24	.93	23	1
D 90256	14	1623	12	26	3.3	4	3	223	2.71	2	<8	<2	2	36	<2	<3	<3	209	.49	.117	7	46	1.85	70	.22	<3	1.82	.10	1.27	26	27
D 90257	4	1168	11	10	1.7	1	1	21	.49	<2	14	<2	21	4	<2	<3	<3	1	.01	.003	2	15	.01	11	<.01	<3	.13	.03	.11	132	11
D 90258	10	1663	10	43	1.7	14	13	313	4.08	<2	<8	<2	15	104	.2	<3	<3	107	.96	.265	40	48	1.79	85	.25	<3	1.92	.14	1.58	119	23
D 90259	6	1026	13	55	.8	20	18	356	4.80	4	<8	<2	4	146	<2	<3	<3	156	1.09	.285	27	44	1.58	93	.25	<3	2.13	.18	1.06	66	3
D 90260	1	34	12	16	<.3	30	19	41	2.95	<2	<8	<2	11	55	.3	<3	<3	13	.31	.040	16	12	.38	15	.09	3	1.10	.05	.45	<2	<1
D 90261	7	2	<3	19	<.3	14	1	1336	2.64	22	<8	<2	4	834	.6	<3	<3	17	20.63	.053	5	10	3.92	65	<.01	<3	.41	<.01	.12	<2	4
D 90262	12	21	15157	11361	58.4	7	5	119	36.89	281	<8	<2	<2	71	24.6	96	<3	53	1.33	1.346	1	43	.05	37	<.01	<3	.09	<.01	.02	<2	47
RE D 90262	11	21	15052	11186	57.3	8	5	124	35.85	272	<8	<2	<2	70	25.3	95	<3	52	1.29	1.330	1	40	.04	36	<.01	5	.09	<.01	.01	<2	46
D 90263	3	15	7752	7062	19.3	10	1	131	.41	80	<8	<2	2	176	61.9	46	<3	3	34.54	.032	5	1	.62	99	<.01	<3	.04	<.01	.04	<2	12
D 90264	12	175	16332	10952	12.2	89	5	942	6.68	12793	24	3	9	35	512.0	8455	<3	136	14.93	.163	4	17	.91	49	<.01	<3	.20	<.01	.04	3	3795
D 90265	28	956	16747	16375	45.3	348	10	1881	21.28	45320	36	<2	3	22	183.9	838	<3	587	.73	.418	19	50	.10	39	.01	<3	.48	<.01	.03	78	1331
D 90267	860	6013	421	146	8.1	6	7	185	3.71	82	<8	<2	2	9	2.1	25	8	85	.25	.102	6	9	1.02	21	.02	5	1.13	.03	.15	324	31
STANDARD C3/AU-R	25	64	39	163	5.5	35	12	705	3.27	54	15	3	19	29	23.0	15	22	80	.56	.085	17	162	.63	142	.10	20	1.86	.04	.16	24	483

(CP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.  
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
- SAMPLE TYPE: ROCK AU\* - (GNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. (10 GN)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 29 1997 DATE REPORT MAILED: *Sep 6/97* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

\*\* TOTAL PAGE 003 \*\*

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Date: *9-1-97* FA

SEP 01 11:39 AM ACME LABS 604 253 1716 TO 1250-3529936 P.03/03



## GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. PROJECT CK File # 97-5440 Page 1  
 907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D1 8+00W	1	38	53	249	.8	20	12	263	3.48	4	<8	<2	6	30	.9	<3	<3	68	.17	.155	16	26	.46	153	.16	4	3.86	.02	.11	3	1
D1 7+75W	1	47	56	181	.4	18	12	238	3.40	4	8	<2	6	24	.4	<3	6	72	.15	.095	14	25	.50	146	.15	<3	4.18	.02	.10	3	3
RE D1 7+75W	1	48	60	183	.5	21	13	242	3.48	6	<8	<2	7	23	.6	<3	4	74	.14	.097	15	27	.51	155	.15	7	4.21	.02	.11	3	10
D1 7+50W	1	59	50	194	.7	22	14	399	3.63	3	<8	<2	6	31	1.0	<3	<3	83	.18	.110	15	30	.61	171	.17	<3	3.60	.02	.12	3	1
D1 7+25W	2	161	55	111	.7	19	12	324	4.14	6	<8	<2	7	43	.5	<3	6	88	.20	.072	21	35	.74	204	.15	4	3.72	.03	.13	6	2
D1 7+00W	1	170	48	87	.9	15	11	331	3.71	3	<8	<2	7	54	.6	<3	8	84	.29	.069	22	35	.74	186	.17	7	3.63	.03	.13	6	2
D1 6+75W	1	163	47	85	.8	21	13	258	3.96	3	<8	<2	9	57	.4	<3	8	89	.28	.111	23	37	.75	196	.18	<3	3.65	.03	.14	4	5
D1 6+50W	2	198	64	101	1.2	24	20	429	4.60	3	8	<2	9	140	.7	<3	12	80	.38	.122	30	36	.72	392	.17	4	5.78	.04	.20	4	2
D1 6+25W	1	175	30	79	<.3	19	15	230	4.72	4	<8	<2	7	84	.2	<3	5	102	.30	.198	22	36	.90	276	.19	5	4.25	.04	.17	3	1
D1 6+00W	1	134	30	79	.3	12	11	321	5.21	5	<8	<2	6	53	<.2	<3	14	109	.19	.344	16	37	.78	237	.18	<3	3.01	.03	.13	2	1
D1 5+75W	2	185	25	68	.3	19	14	263	4.82	3	<8	<2	8	59	<.2	<3	9	110	.23	.132	20	44	.95	227	.21	6	4.19	.04	.20	4	1
D1 5+50W	1	192	26	82	<.3	16	39	934	4.70	<2	<8	<2	5	72	<.2	<3	6	117	.49	.086	21	38	1.13	120	.21	3	3.43	.06	.11	3	3
D1 5+25W	1	189	43	115	.6	21	23	242	4.19	5	<8	<2	6	80	.4	<3	12	86	.54	.060	18	36	.77	192	.19	<3	4.03	.06	.11	3	1
D1 5+00W	1	409	43	97	.6	24	22	234	4.80	3	<8	<2	8	92	.2	<3	14	90	.46	.083	26	40	.97	173	.22	3	3.66	.05	.16	5	1
D1 4+75W	1	261	22	85	1.0	26	21	183	4.62	<2	<8	<2	7	55	<.2	<3	9	88	.28	.144	16	38	.78	204	.21	3	4.72	.04	.13	5	1
D1 4+50W	1	283	28	87	.5	28	20	246	4.47	<2	<8	<2	6	64	<.2	<3	8	80	.41	.112	23	41	.81	127	.22	<3	3.84	.04	.10	2	3
D1 4+25W	1	289	25	106	.7	21	35	361	4.23	<2	<8	<2	5	62	<.2	<3	5	82	.43	.073	23	36	.76	127	.21	6	3.13	.05	.10	3	3
D1 4+00W	1	1140	5	63	.3	22	33	351	7.39	2	<8	<2	4	110	<.2	<3	<3	193	.66	.209	15	113	2.68	138	.28	4	5.44	.14	.32	11	4
D1 3+75W	1	467	22	94	.7	41	29	259	4.70	<2	<8	<2	7	91	.3	<3	<3	91	.56	.118	22	43	1.08	152	.24	<3	4.11	.09	.13	6	3
D1 3+50W	1	322	22	107	<.3	27	26	280	4.87	<2	<8	<2	6	62	<.2	<3	7	100	.43	.113	20	45	.92	156	.23	4	4.22	.05	.10	8	2
D1 3+25W	1	215	19	105	.3	29	18	299	4.99	3	<8	<2	5	78	.3	<3	<3	95	.46	.371	14	37	.77	231	.20	<3	4.47	.03	.13	6	4
D1 3+00W	1	163	16	97	.3	21	15	273	4.52	<2	<8	<2	7	36	<.2	<3	7	104	.19	.200	13	38	.84	209	.21	4	4.21	.03	.12	6	2
D1 2+75W	1	122	28	110	<.3	16	15	315	4.44	3	<8	<2	6	36	<.2	<3	<3	106	.22	.272	12	39	.80	181	.20	4	3.80	.03	.10	4	3
D1 2+50W	1	171	24	96	<.3	22	19	427	4.23	<2	8	<2	6	40	<.2	<3	<3	97	.22	.278	14	36	.73	190	.19	4	4.28	.04	.12	11	1
D1 2+25W	2	176	28	103	<.3	21	16	588	4.60	5	<8	<2	6	59	<.2	<3	7	115	.29	.210	18	42	.96	252	.22	<3	3.51	.04	.12	7	1
D1 2+00W	1	173	18	79	<.3	20	14	239	4.08	3	<8	<2	7	52	.2	<3	<3	95	.29	.119	20	36	.73	223	.21	5	4.19	.03	.11	8	2
D1 1+75W	3	336	25	61	<.3	18	12	241	4.71	2	<8	<2	9	79	<.2	<3	9	105	.26	.170	33	41	.95	218	.17	<3	3.59	.04	.18	15	7
D1 1+50W	2	141	31	136	<.3	20	16	641	4.35	3	<8	<2	5	53	.2	<3	6	107	.32	.146	16	40	.77	212	.20	4	3.30	.03	.11	8	3
D1 1+25W	2	173	34	104	<.3	16	21	607	4.61	<2	<8	<2	4	58	.3	<3	7	114	.34	.105	26	44	.79	137	.19	<3	2.48	.03	.12	10	2
D1 1+00W	1	83	34	110	<.3	17	14	887	3.94	3	<8	<2	3	38	.6	<3	8	99	.24	.157	16	37	.60	165	.15	<3	3.04	.02	.11	4	2
D1 0+75W	<1	22	24	104	<.3	12	9	494	2.79	3	<8	<2	3	36	.4	<3	<3	61	.31	.213	11	27	.35	95	.13	<3	2.25	.02	.06	3	2
D1 0+50W	1	26	12	55	<.3	16	8	481	2.83	2	<8	<2	3	27	.3	<3	<3	72	.27	.129	12	28	.34	84	.09	<3	1.44	.01	.06	<2	7
D1 0+25W	<1	26	10	42	<.3	9	5	196	2.16	<2	<8	<2	4	30	<.2	<3	<3	54	.31	.133	15	19	.37	76	.07	3	1.16	.01	.05	<2	4
D2 7+00W	1	82	69	141	<.3	19	13	320	4.12	2	<8	<2	6	37	.2	<3	5	96	.26	.099	15	34	.67	167	.18	6	3.56	.03	.12	4	1
D2 6+75W	1	33	45	85	<.3	9	9	220	3.37	2	<8	<2	2	35	<.2	<3	<3	77	.22	.133	11	26	.39	139	.15	<3	2.20	.02	.08	3	1
STANDARD C3/AU-S	26	63	32	160	5.4	36	12	722	3.41	53	23	<2	19	30	23.0	16	18	87	.59	.086	19	173	.61	156	.11	23	1.94	.04	.17	21	45

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

- SAMPLE TYPE: SOIL AU\* - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 17 1997 DATE REPORT MAILED: Sept 24/97

SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Date: *1* FA





SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au+ ppb
D2 6+50W	2	129	56	103	.5	23	15	241	4.04	3	<8	<2	5	63	<.2	<3	4	90	.34	.138	20	36	.74	204	.17	5	3.26	.03	.14	2	1
D2 6+25W	2	104	49	102	1.1	20	18	485	4.12	3	<8	<2	4	91	.8	<3	4	94	.55	.070	25	39	.81	161	.19	3	3.88	.07	.12	<2	<1
RE D2 6+25W	2	104	75	108	1.1	19	18	474	4.13	6	9	<2	3	91	.6	3	<3	94	.55	.070	24	37	.81	162	.19	<3	3.92	.08	.12	2	<1
D2 6+00W	1	77	41	87	.3	11	13	491	3.88	<2	<8	<2	4	73	.5	<3	<3	86	.45	.122	14	30	.56	212	.16	<3	2.30	.03	.15	<2	<1
D2 5+75W	2	119	35	66	.5	16	12	413	4.24	2	<8	<2	5	51	.6	<3	3	99	.23	.082	15	39	.80	208	.20	8	3.90	.04	.11	<2	1
D2 5+50W	2	104	27	55	<.3	21	12	165	4.44	2	<8	<2	4	45	.2	<3	4	104	.20	.072	12	41	.79	144	.21	6	4.11	.04	.09	2	<1
D2 5+25W	2	159	47	92	.9	28	22	925	4.22	<2	<8	<2	5	115	1.3	<3	6	79	.50	.056	35	50	.90	261	.17	4	4.04	.07	.14	2	<1
D2 5+00W	1	161	28	93	.4	31	19	521	4.36	<2	<8	<2	5	118	.9	<3	<3	85	.63	.060	28	53	1.09	173	.22	4	3.72	.08	.13	<2	<1
D2 4+75W	1	92	24	79	.4	21	16	262	4.12	2	<8	<2	5	54	.3	<3	9	85	.31	.089	13	37	.67	177	.20	6	3.45	.03	.11	<2	1
D2 4+50W	2	383	21	129	.3	39	52	531	5.43	<2	<8	<2	5	115	.4	<3	9	102	.56	.110	23	43	1.08	183	.22	8	3.73	.09	.15	3	<1
D2 4+25W	1	648	26	106	.4	41	30	304	5.29	4	<8	<2	6	89	.5	<3	6	115	.38	.150	20	49	1.26	209	.22	6	3.63	.07	.18	4	5
D2 4+00W	1	464	34	168	<.3	41	39	861	5.72	<2	<8	<2	6	97	1.5	<3	7	113	.60	.148	25	48	1.13	204	.22	9	3.96	.06	.16	5	<1
D2 3+75W	2	493	29	102	<.3	32	20	274	5.64	2	<8	<2	7	111	<.2	<3	<3	120	.51	.172	33	51	1.24	228	.22	3	4.08	.05	.20	5	1
D2 3+50W	1	405	29	110	.3	30	26	221	4.84	2	<8	<2	8	94	.4	<3	<3	109	.49	.092	26	46	1.10	233	.23	6	4.48	.05	.16	9	<1
D2 3+25W	1	434	17	86	.9	23	32	191	4.82	3	<8	<2	4	42	<.2	<3	<3	94	.24	.115	23	33	.72	99	.24	3	3.43	.03	.09	17	2
D2 3+00W	3	500	18	110	.5	27	24	268	5.30	<2	<8	<2	4	64	.4	<3	<3	120	.32	.209	14	37	.80	194	.20	12	4.23	.04	.14	26	5
D2 2+75W	2	321	17	83	.3	20	14	281	4.55	2	<8	<2	7	45	<.2	<3	3	106	.19	.136	18	43	.91	222	.21	<3	4.15	.02	.14	9	3
D2 2+50W	4	340	25	104	.4	18	17	239	5.32	<2	<8	<2	6	56	.3	<3	5	118	.25	.239	20	42	.86	196	.21	4	3.82	.04	.14	16	1
D2 2+25W	3	532	25	47	<.3	18	10	205	4.54	2	<8	<2	10	54	<.2	<3	<3	103	.22	.142	29	37	.82	157	.17	6	3.49	.02	.22	28	6
D2 2+00W	2	190	25	99	.4	24	17	307	4.79	<2	<8	<2	6	44	.3	3	<3	116	.21	.198	15	44	.92	216	.22	7	4.59	.04	.13	9	2
D2 1+75W	2	324	16	98	<.3	26	22	275	4.61	<2	<8	<2	6	49	<.2	<3	<3	105	.22	.158	13	43	.86	170	.22	3	5.11	.03	.11	10	1
STANDARD C3/AU-S	28	62	42	170	5.9	37	13	775	3.66	55	24	3	21	33	23.9	19	22	94	.63	.090	21	187	.65	161	.11	27	2.03	.04	.18	18	45

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. PROJECT SH File # 97-5441

907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L250N 0+10W	1	22	21	72	2.3	23	4	353	1.74	33	<8	<2	<2	65	1.0	<3	4	38	.91	.114	17	63	.33	53	.16	<3	4.38	.05	.04	<2	5
L250N 0+15E	1	30	56	281	2.1	75	15	859	5.69	49	<8	<2	2	26	2.6	3	<3	128	.38	.599	17	130	2.02	175	.11	<3	3.10	<.01	.13	<2	6
L250N 0+35E	3	44	29	75	2.7	22	9	663	6.32	10	<8	<2	2	14	1.1	3	<3	155	.17	.455	9	103	.43	80	.14	<3	1.78	<.01	.05	<2	<1
L160N 1+30E	1	25	23	217	2.5	54	14	1247	3.71	2	<8	<2	<2	71	3.7	<3	<3	97	.69	.336	33	77	1.53	77	.06	<3	3.76	<.01	.14	<2	1
L160N 1+40E	<1	26	30	288	6.9	66	11	1600	3.34	17	<8	<2	<2	126	6.4	7	<3	102	1.50	.403	34	77	1.99	120	.04	<3	3.19	.02	.17	<2	1
L160N 1+50E	2	43	106	188	4.1	76	16	682	5.34	67	<8	<2	<2	28	1.2	3	<3	130	.31	.173	19	150	2.17	116	.11	<3	3.09	<.01	.14	<2	92
L160N 1+60E	2	41	43	108	5.1	50	16	699	5.62	25	<8	<2	<2	21	.9	4	<3	149	.16	.157	17	127	1.57	221	.16	<3	2.74	<.01	.14	<2	17
L160N 1+70E	2	44	18	49	1.8	34	11	291	5.80	11	10	<2	2	13	.6	4	3	165	.07	.104	9	107	.69	142	.15	<3	1.89	<.01	.09	<2	3
L50N 1+50E	<1	19	27	162	2.8	45	8	544	2.13	5	<8	<2	<2	18	3.0	<3	<3	97	.48	.273	15	73	1.89	113	.06	<3	4.17	<.01	.06	<2	1
L50N 1+60E	1	19	22	147	2.0	35	5	214	2.00	2	<8	<2	<2	13	2.3	<3	<3	79	.39	.174	10	69	1.82	77	.07	<3	3.04	<.01	.05	<2	<1
RE L50N 1+60E	1	20	23	153	1.9	36	5	217	2.07	5	<8	<2	<2	13	2.4	5	<3	81	.40	.181	10	72	1.88	79	.08	<3	3.14	<.01	.05	<2	<1
L50N 1+70E	2	72	31	118	1.7	72	27	863	5.79	20	<8	<2	<2	24	.8	3	<3	155	.34	.108	14	123	2.61	126	.09	<3	3.82	<.01	.07	<2	6
BL 3+50N	<1	29	16	94	1.9	19	7	686	2.22	<2	<8	<2	<2	112	3.2	<3	<3	31	1.55	.170	33	24	.30	78	.15	<3	5.10	.05	.04	<2	1
BL 3+25N	2	24	43	111	1.5	37	11	691	6.39	16	<8	<2	2	36	.9	<3	<3	147	.34	.507	17	75	1.11	127	.11	<3	2.32	<.01	.14	<2	3
BL 3+00N	3	31	46	398	1.6	70	13	958	5.90	35	<8	<2	5	43	1.5	<3	<3	107	.39	.544	30	86	1.40	77	.07	<3	3.25	<.01	.12	<2	2
BL 2+70N	1	25	43	143	3.1	51	9	408	3.64	25	<8	<2	<2	34	1.4	<3	<3	89	.38	.201	24	72	1.40	61	.08	<3	2.59	<.01	.14	<2	6
R 1+50E	<1	18	79	204	4.0	61	7	586	1.92	6	<8	<2	2	30	5.3	<3	4	79	1.11	.251	31	78	2.45	142	.08	<3	3.29	<.01	.15	<2	1
R 1+60E	<1	34	11	132	1.8	68	6	183	1.71	<2	<8	<2	4	19	1.6	<3	<3	64	.93	.205	11	110	3.32	121	.12	<3	2.75	<.01	.07	<2	<1
R 1+70E	<1	15	25	199	.9	50	7	206	2.03	<2	<8	<2	<2	11	2.8	<3	3	69	.35	.152	11	81	1.82	103	.11	<3	4.04	<.01	.04	<2	<1
R 1+80E	3	14	21	69	2.5	9	3	239	4.16	3	<8	<2	4	6	1.2	<3	3	44	.06	.137	9	25	.15	51	.13	<3	5.98	.01	.03	<2	2
R 1+90E	5	15	31	98	4.6	42	11	2586	6.46	45	<8	<2	2	41	2.2	<3	<3	78	.34	.169	25	47	.45	161	.08	<3	3.67	.01	.05	<2	8
R 2+00E	1	21	14	75	2.1	22	17	438	3.95	7	<8	<2	2	13	.6	<3	<3	87	.11	.108	12	117	1.24	104	.21	<3	4.74	.01	.05	<2	32
STANDARD C3/AU-S	26	65	36	148	6.2	38	12	750	3.48	48	21	2	18	31	23.6	11	23	89	.60	.091	20	178	.62	156	.11	20	2.06	.03	.18	18	45

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.  
 - SAMPLE TYPE: SOIL AU\* - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 17 1997 DATE REPORT MAILED: *Sept 29/97* SIGNED BY: *C. Leong* .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



## GEOCHEMICAL ANALYSIS CERTIFICATE



**Bourdon, R.J. PROJECT SH** File # 97-5442  
 907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 90268	1	27	4	33	1.8	1495	103	1680	6.22	126	<8	<2	<2	386	.3	<3	<3	68	3.52	.014	11	1800	5.92	53	.01	7	2.02	<.01	.01	<2	38
D 90269	1	33	28	88	.7	56	23	175	6.27	<2	<8	<2	10	142	<.2	<3	<3	15	1.23	.082	9	18	.56	27	.04	<3	2.63	.35	.24	<2	6
D 90270	<1	10	5	27	<.3	18	5	499	1.77	<2	10	<2	2	539	.5	<3	<3	25	19.65	.079	10	29	.99	7	.08	<3	2.61	.45	.45	<2	4
D 90271	6	38	6	29	.5	40	15	197	3.35	<2	9	<2	4	374	.7	<3	<3	39	6.47	.196	6	27	.63	19	.09	5	2.83	.18	.16	5	2
D 90272	17	6053	127	3527	8.9	103	153	632	22.25	2	<8	<2	3	7	9.0	<3	5	106	.16	.022	1	93	2.48	<1	.01	4	2.81	<.01	.01	<2	46
D 90273	5	113	16628	36044	36.1	3	<1	1076	.97	603	23	<2	<2	170	395.6	2763	<3	10	14.75	.071	3	4	7.37	32	<.01	<3	.05	<.01	.03	<2	750
RE D 90273	5	110	16929	35764	35.7	5	<1	1068	.96	605	20	<2	<2	167	397.4	2773	<3	9	14.72	.071	3	3	7.35	22	<.01	<3	.05	<.01	.03	2	760

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.  
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
 - SAMPLE TYPE: ROCK AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 17 1997 DATE REPORT MAILED: *Sept 29/97* SIGNED BY: *C.L.* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



## GEOCHEMICAL ANALYSIS CERTIFICATE



**Bourdon, R.J. PROJECT GW** File # 97-5746  
 907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 90274	1	117	6	13	<.3	3	3	419	2.44	4	<8	<2	3	75	.3	<3	<3	6	.92	.059	9	8	.07	118	.01	3	.61	.06	.30	5	238
D 90275	<1	14	6	16	<.3	3	3	367	1.52	2	<8	<2	3	49	.2	<3	<3	9	.89	.067	11	5	.14	82	.02	<3	.63	.07	.30	<2	79
D 90276	<1	3	5	12	<.3	2	4	381	1.46	<2	<8	<2	3	80	<.2	<3	<3	7	1.25	.065	11	5	.10	109	.02	<3	.51	.05	.36	2	24
D 90277	<1	5	5	12	<.3	3	5	316	1.55	<2	<8	<2	2	65	<.2	<3	<3	11	.77	.065	9	6	.18	91	.04	<3	.70	.07	.39	2	22
D 90278	<1	11	4	17	<.3	3	3	491	1.63	<2	<8	<2	2	78	.2	<3	<3	11	.87	.065	9	6	.21	121	.05	<3	.73	.06	.36	3	8
D 90279	<1	4	5	17	<.3	3	3	361	1.44	<2	<8	<2	2	43	.2	<3	<3	10	.36	.066	7	6	.19	116	.05	<3	.70	.05	.37	2	15
RE D 90279	<1	3	6	17	<.3	3	3	377	1.50	<2	8	<2	2	44	.2	<3	<3	10	.37	.068	7	6	.19	120	.05	<3	.73	.05	.40	2	-

JCP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.  
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
 - SAMPLE TYPE: ROCK AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 1 1997

DATE REPORT MAILED:

Oct 7/97

SIGNED BY.....

D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

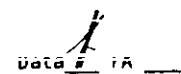


**Bourdon, R.J. PROJECT RE** File # 97-5747  
 907 W. Richards St., Nelson BC V1L 5T3 Submitted by: R.J. Bourdon

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	
D 90280	<1	38	27148	54936	143.8	10	4	1042	2.28	4	<8	<2	4	10	419.0	140	<3	2	.80	.009	2	17	.15	7<.01	4	.05	.01	.02	<2	19	
D 90281	1	1554	65	38	12.9	9	7	738	19.04	654	<8	16	3	2	<.2	8	282	3	.02	.022	3	12	.01	20<.01	9	.27	.01	.09	4	15500	
D 90282	3	811	517	94	40.8	19	8	672	14.95	834	<8	210	5	3	<.2	39	4934	3	.01	.019	4	17	.05	17<.01	9	.35	.01	.07	6	99999	
D 90283	<1	18	25	22	.4	9	3	1119	1.85	12	<8	2	<2	296	<.2	<3	76	4	28.62	.097	10	7	.47	9<.01	3	.48	.01	.05	<2	1001	
RE D 90283	1	15	23	21	1.2	8	3	1117	1.80	10	<8	6	2	296	<.2	<3	61	2	28.57	.096	11	8	.47	9<.01	<3	.48	.01	.04	<2	-	
D 90284	3	30	33	60	.3	47	18	2086	6.20	11	<8	<2	8	32	<.2	3	39	6	2.44	.049	13	22	.57	31<.01	4	1.06	.03	.14	4	409	
D 90285	1	36	21	100	<.3	46	18	566	4.78	<2	<8	<2	11	12	<.2	<3	6	9	.21	.026	33	33	.73	37<.01	4	1.76	.03	.17	<2	21	
D 90286	1	37	12	116	<.3	43	20	443	5.71	3	<8	<2	12	11	<.2	3	7	14	.11	.029	34	49	1.35	30<.01	3	2.95	.03	.14	2	13	
D 90287	2	23	20	32	.3	22	12	684	2.14	4	<8	<2	3	43	<.2	<3	3	3	3.03	.036	11	23	.35	14<.01	7	.63	.02	.07	7	27	
D 90288	1	17	26	46	.5	28	11	655	2.68	9	<8	<2	5	298	<.2	<3	<3	3	18.91	.029	27	17	.59	21<.01	5	.78	.02	.08	2	9	
D 90289	2	18	33	80	<.3	38	18	1561	4.45	9	<8	<2	5	53	.2	<3	3	5	2.43	.050	11	14	.07	32<.01	3	.34	.09	.08	4	10	
D 90483	1	193	18	81	<.3	59	29	968	5.18	5	<8	<2	8	11	<.2	<3	6	11	.09	.025	17	44	.96	30<.01	6	2.24	.04	.12	4	3	
D 90484	1	2689	6	35	.6	42	25	1367	3.37	15	<8	<2	5	5	.2	<3	3	4	.07	.018	15	24	.20	33<.01	5	.72	.02	.12	5	11	
D 90485	<1	57	45	100	.3	77	31	816	4.92	9	<8	<2	7	9	<.2	<3	3	10	.12	.039	40	40	.87	34<.01	4	1.98	.03	.11	3	1	
D 90486	1	46	18	11	.5	5	2	174	4.67	22	<8	<2	<2	25	<.2	3	<3	1	.04	.080	4	25	.01	12<.01	4	.07<.01	.02	10	5		
STANDARD C3/AU-R	28	73	39	167	5.9	40	13	793	3.56	58	17	3	20	32	25.3	21	20	88	.68	.091	20	185	.64	159	.09	25	1.99	.04	.17	19	510

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.  
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
 - SAMPLE TYPE: ROCK AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 1 1997 DATE REPORT MAILED: *Oct 7/97* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



## ASSAY CERTIFICATE



Bourdon, R.J. PROJECT RE File # 97-5747R  
907 W. Richards St., Nelson BC V1L 5I3

SAMPLE#	Au** oz/t
D 90280	.001
D 90281	.583
D 90282	4.238
D 90283	.024
D 90284	.007
RE D 90284	.014

AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE.

- SAMPLE TYPE: ROCK PULP

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 14 1997 DATE REPORT MAILED: *Oct 22/97* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



## GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. PROJECT SH File # 97-5953  
907 W. Richards St., Nelson BC V1L 5T3

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
D 90290	1	37	19	153	1.8	59	19	1800	3.61	13	<8	<2	2	36	1.2	<3	<3	145	.32	.080	33	99	4.27	268	.06	6	3.14	.01	.28	<2	551
D 90291	1	14	5	120	5.1	34	5	1911	2.18	15	<8	<2	<2	354	1.5	<3	<3	92	8.46	.071	15	49	3.07	64	<.01	4	1.73	.01	.01	2	27
D 90292	<1	3	4	65	.9	16	1	276	.62	11	<8	<2	<2	858	4.9	<3	<3	17	33.60	.062	5	8	.39	27	<.01	3	.31	<.01	.04	<2	2
D 90293	1	2	30	53	1.2	18	2	652	1.21	30	<8	<2	2	813	1.2	<3	<3	15	17.72	.066	7	11	1.90	63	<.01	<3	.20	<.01	.08	<2	20
D 90294	2	34	26	139	4.4	124	12	748	2.36	124	<8	<2	2	384	2.7	<3	<3	54	12.32	.080	15	146	2.39	55	<.01	5	1.57	<.01	.06	<2	84
D 90295	<1	11	5	109	1.1	20	2	262	.85	13	<8	<2	2	859	7.6	<3	<3	20	28.74	.097	8	10	.57	33	<.01	<3	.55	<.01	.07	<2	2
D 90296	1	45	37	355	10.5	189	14	477	2.94	122	<8	<2	5	41	4.8	<3	3	45	.81	.115	30	131	3.76	46	<.01	3	3.02	<.01	.14	<2	6
D 90297	1	47	23	292	7.5	211	22	689	2.68	84	<8	<2	4	211	7.6	<3	<3	53	4.99	.093	24	215	2.83	57	<.01	5	2.28	<.01	.11	2	8
D 90298	<1	2	<3	47	.6	9	1	277	.20	6	<8	<2	<2	768	4.2	<3	<3	14	37.67	.049	4	7	.32	16	<.01	<3	.16	<.01	.01	<2	2
D 90299	<1	17	7	95	1.4	28	6	303	1.58	14	<8	<2	3	418	4.1	<3	<3	29	19.80	.069	14	15	1.27	32	<.01	3	1.33	.01	.09	<2	14
D 90487	2	10	5	19	3.7	11	3	441	1.18	13	<8	<2	<2	19	.6	<3	<3	16	.73	.029	2	19	.42	17	<.01	<3	.31	<.01	<.01	6	664
D 90488	4	1	6	22	1.5	29	3	913	2.03	48	<8	<2	<2	1117	.9	<3	<3	20	22.60	.178	8	18	1.93	62	<.01	3	.19	<.01	.11	<2	19
D 90489	1	4	20	30	1.2	5	1	568	.80	8	<8	<2	<2	845	.6	<3	<3	16	17.92	.027	3	9	.42	26	<.01	<3	.33	<.01	.01	<2	4
D 90490	<1	47	3	59	.6	58	28	792	4.84	7	<8	<2	<2	105	.8	<3	<3	139	1.32	.261	26	235	4.10	720	.28	11	3.29	.03	.67	<2	1
RE D 90490	<1	46	<3	59	.5	57	28	777	4.78	5	<8	<2	<2	101	.8	<3	<3	137	1.26	.258	26	237	4.03	711	.27	10	3.24	.03	.65	<2	1
D 90491	11	17	43	50	19.6	60	59	1543	15.60	380	<8	<2	<2	32	3.9	6	3	143	.35	.119	14	41	.98	107	.02	14	1.11	<.01	.05	5	90
D 90492	3	2	207	134	2.1	37	6	1248	1.90	39	<8	<2	<2	949	3.6	<3	<3	27	19.23	.092	17	18	1.31	73	<.01	8	.49	<.01	.10	<2	8
D 90493	2	8	16	38	5.9	29	15	1489	5.14	67	<8	<2	<2	25	1.8	<3	<3	46	.34	.085	11	23	.78	69	.01	5	.70	<.01	.03	9	15
STANDARD C3/AU-R	26	66	33	166	5.8	37	12	734	3.34	54	20	4	18	30	23.5	17	24	83	.59	.084	17	169	.57	149	.10	23	1.85	.04	.16	21	523
STANDARD G-1	2	4	<3	50	<.3	9	5	583	2.18	<2	<8	<2	3	69	<.2	<3	<3	44	.61	.076	6	90	.65	269	.16	<3	1.04	.08	.53	<2	2

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.  
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
- SAMPLE TYPE: ROCK AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 8 1997

DATE REPORT MAILED: Oct 17/97

SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



## GEOCHEMICAL ANALYSIS CERTIFICATE



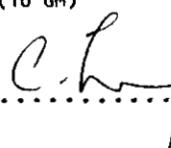
Bourdon, R.J. File # 97-6376  
907 W. Richards St., Nelson BC V1L 5T3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 90351	1	6335	3	54	6.8	19	21	300	5.07	<2	<8	<2	<2	37	.4	<3	7	203	.75	.146	10	74	3.13	63	.29	6	2.49	.13	2.29	22	74
D 90352	3	103	13	23	1.0	5	2	156	2.39	3	<8	<2	8	20	.4	<3	5	6	.12	.105	36	11	.05	116	<.01	9	.60	.04	.16	3	2
D 90353	3	66	14	101	.9	21	8	619	5.11	<2	<8	<2	14	21	.4	<3	27	.06	.055	31	37	1.21	168	.02	7	2.04	.03	.29	<2	11	
D 90354	1	20	15	8	5.1	5	1	2205	1.59	2	<8	<2	<2	73	.2	<3	14	<1	1.71	.004	2	16	.41	8	<.01	<3	.03	.01	.01	6	58
D 90355	<1	4	70	<1	<.3	<1	<1	155	.28	3	<8	<2	<2	18	<.2	<3	<3	<1	21.88	.013	1	<1	8.67	4	<.01	3	.02	.01	<.01	<2	5
D 90356	<1	1	25	<1	<.3	<1	<1	133	.15	<2	<8	<2	<2	25	<.2	<3	<3	<1	22.13	.017	2	2	8.30	2	<.01	5	.01	.01	<.01	<2	1
D 90495	3	872	3	12	.6	37	51	260	10.31	<2	<8	<2	<2	78	.2	<3	22	173	.95	.133	10	46	2.08	54	.24	7	2.06	.19	1.43	5	2
RE D 90495	6	829	<3	12	.6	37	49	252	9.87	<2	<8	<2	<2	75	.3	<3	21	168	.88	.128	10	45	1.99	52	.24	7	1.99	.18	1.37	5	5
D 90496	2	1114	3	45	1.1	40	50	528	9.72	<2	<8	<2	<2	60	.5	<3	6	236	.80	.124	7	52	2.76	60	.28	7	2.72	.16	1.71	6	1
D 90497	5	1372	3	31	1.8	23	29	331	7.01	<2	<8	<2	<2	160	.2	<3	11	249	1.02	.110	6	56	3.11	51	.25	8	3.81	.27	2.26	<2	3
D 90498	4	5156	4	49	5.3	10	11	146	2.72	<2	<8	<2	2	89	.4	<3	4	176	.85	.098	10	35	1.31	108	.23	6	2.23	.27	1.06	19	69

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
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ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
- SAMPLE TYPE: ROCK AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 27 1997

DATE REPORT MAILED: NOV 7/97

SIGNED BY:  D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS





## GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. File # 97-6377

907 W. Richards St., Nelson BC V1L 5T3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D3 0+00E	1	213	41	95	<.3	32	26	429	5.26	17	<8	<2	5	60	.7	4	6	112	.28	.075	14	48	.97	207	.23	<3	3.80	.04	.14	4	2
D3 0+25E	1	313	62	138	.7	27	50	1321	5.60	14	<8	<2	4	77	1.1	3	8	106	.41	.173	17	58	1.00	210	.22	3	2.78	.06	.16	2	3
D3 0+50E	1	349	33	97	.4	33	48	405	5.56	13	<8	<2	3	80	.3	3	8	114	.46	.075	15	66	1.22	185	.26	<3	3.29	.05	.11	2	5
D3 0+75E	1	354	53	122	.3	22	43	1181	5.25	11	<8	<2	3	74	.7	3	6	105	.38	.097	16	49	1.07	208	.21	<3	2.68	.04	.15	<2	1
D3 1+00E	1	742	22	158	.8	37	52	455	6.11	9	<8	<2	3	93	.6	<3	12	112	.52	.143	13	70	1.32	212	.22	<3	3.44	.04	.15	<2	2
D3 1+25E	1	862	49	129	.5	30	30	933	6.04	13	<8	<2	4	69	1.2	3	11	112	.38	.156	16	67	1.26	267	.21	<3	3.11	.06	.20	3	1
RE D3 1+25E	<1	842	51	128	.6	29	30	897	6.00	10	<8	<2	4	67	1.1	3	11	112	.37	.152	14	67	1.25	258	.21	<3	3.05	.06	.19	4	2
D4 1+00E	1	307	18	68	<.3	40	33	326	6.31	12	<8	<2	4	80	.4	5	8	115	.39	.175	11	39	.92	221	.21	3	3.96	.03	.11	3	1
D4 1+25E	1	331	25	86	.7	20	18	472	5.31	11	<8	<2	5	45	<.2	<3	9	101	.24	.188	17	42	.84	238	.21	<3	2.89	.02	.14	5	3
D4 1+50E	1	909	55	103	.7	23	59	917	5.72	10	<8	<2	3	65	.8	3	8	99	.34	.116	27	43	1.02	187	.18	3	2.71	.03	.14	8	5
D4 1+75E	1	628	23	100	<.3	34	32	314	6.27	9	<8	<2	4	61	.5	5	5	112	.30	.146	12	39	.95	239	.22	3	4.19	.03	.11	7	1
D4 2+00E	2	618	22	102	.8	24	18	541	5.49	8	<8	<2	6	61	.2	3	6	109	.23	.272	18	43	.95	239	.18	<3	3.25	.02	.15	26	3
STANDARD C3/AU-S	25	63	34	154	5.3	36	12	723	3.37	55	21	<2	16	27	21.7	15	21	79	.56	.085	17	169	.57	151	.10	19	1.75	.03	.14	22	51
STANDARD G-1	1	3	5	37	<.3	7	4	471	1.92	3	<8	<2	4	65	<.2	<3	<3	40	.60	.085	8	63	.55	230	.13	<3	.87	.07	.42	4	<1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.  
 - SAMPLE TYPE: SOIL AU\* - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 27 1997 DATE REPORT MAILED: Nov 10/97 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



## GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. File # 9730054

907 W. Richards St., Nelson BC V1L 5T3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 90357	6	21	166	36	.6	24	2	90	4.71	39	<8	<2	4	103	1.8	<3	<3	26	16.42	.130	9	6	4.97	47	<.01	3	.17	.01	.12	2	2
D 90358	2	66	721	4942	.6	424	11	628	3.62	87	<8	<2	11	35	6.3	42	<3	80	2.18	.309	35	37	.57	258	.07	<3	2.64	.02	.25	2	8
D 90359	<1	2	184	418	.4	14	1	174	.19	22	<8	<2	<2	197	6.3	20	<3	6	30.63	.029	9	2	6.20	20	<.01	<3	.05	.01	.01	2	2
D 90360	2	105	1443	6256	1.6	399	17	647	4.75	159	<8	<2	12	43	9.6	47	<3	100	3.21	.238	39	54	.94	296	.11	<3	3.53	.02	.27	<2	14
D 90361	3	68	208	2201	.6	158	13	423	2.80	63	<8	<2	9	61	5.2	12	4	107	1.63	.322	29	34	.61	301	.06	4	1.55	.02	.27	3	19
D 90362	11	146	19402	12560	15.6	106	2	882	10.64	48194	75	4	2	84	462.5	12943	<3	128	8.90	.149	9	37	.35	170	<.01	<3	.23	.01	.05	<2	4060
D 90363	2	1	158	96	.4	8	<1	39	.35	81	14	<2	<2	198	1.3	52	<3	7	36.83	.030	8	1	.87	11	<.01	<3	.03	.01	.02	2	9
D 90364	1	25	321	413	2.7	25	12	1360	2.10	103	<8	<2	11	17	2.9	40	4	9	.23	.067	29	12	.31	33	<.01	8	.93	.01	.25	<2	7
D 90365	3	1070	563	70036	14.9	7	<1	4267	30.89	3216	<8	<2	4	2	498.7	<3	<3	4	.14	.001	1	12	.03	3	<.01	<3	.03	<.01	.01	<2	34
D 90366	3	394	14851	731	69.2	2	<1	214	1.76	243	<8	<2	<2	22	12.4	463	6	1	.06	.021	1	8	<.01	4	<.01	<3	.06	<.01	.02	3	43
D 90367	2	409	16532	71180	64.4	24	44	4347	21.86	99999	<8	<2	3	23	567.9	329	54	6	.61	.035	2	34	.20	3	<.01	4	.09	<.01	.01	2	447
D 90368	2	1628	17388	75681	84.8	6	17	5905	13.09	740	<8	<2	2	20	521.3	42	3	5	.13	.048	2	44	.06	5	<.01	<3	.25	<.01	.01	<2	21
RE D 90368	2	1664	17003	75609	83.7	6	17	5958	13.12	724	<8	<2	2	20	523.4	41	8	5	.14	.048	1	38	.06	5	<.01	<3	.25	.01	.01	<2	20
D 90369	<1	662	21823	39229	100.5	16	32	24660	26.92	1156	<8	<2	4	101	297.4	48	3	4	4.58	.024	6	41	.87	5	<.01	<3	.10	.01	.01	<2	109
D 90370	1	1149	17212	99999	42.2	12	28	9718	14.86	178	<8	<2	2	9	1765.0	31	31	17	.14	.005	4	<1	.27	11	<.01	<3	.77	<.01	.02	<2	8
STANDARD C3/AU-R	25	66	38	165	5.7	37	12	779	3.46	59	20	3	19	31	24.0	17	23	82	.60	.092	20	169	.64	155	.10	20	1.96	.04	.18	18	461
STANDARD G-1	2	3	5	50	<.3	10	5	619	2.23	<2	<8	<2	4	82	.2	5	<3	45	.68	.084	9	117	.70	273	.16	<3	1.15	.08	.54	<2	14

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.  
 - SAMPLE TYPE: ROCK AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: DEC 4 1997 DATE REPORT MAILED: Dec 11/97 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Assay recommended for Pb, Zn, As > 1%  
 Ag > 30 ppm  
 Au > 1000 ppb.

AA  
LL

## GEOCHEMICAL ICP ANALYSIS

AA  
LLBourdon, R.J. File # 9730054  
907 W. Richards St., Nelson BC V1L 5T3

SAMPLE#	Ge ppm	Ga ppm
D 90365	.3	<2
D 90366	2.7	<2
D 90367	.4	<2
D 90368	1.4	<2
RE D 90368	1.5	<2
D 90369	1.1	3
D 90370	.7	<2

GE BY HF DIGESTION, ANALYSIS BY HYDRIDE ICP. GA BY MULTI-ACID DIGESTION, ANALYSIS BY ICP.  
 - SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: DEC 4 1997

DATE REPORT MAILED:

Dec 11/97

SIGNED BY.....*C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



## GEOCHEMICAL ANALYSIS CERTIFICATE



Bourdon, R.J. PROJECT SH File # 9730347  
907 W. Richards St., Nelson BC V1L 5T3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 90371	<1	1	6	33	.7	3	<1	4314	.82	63	<8	<2	<2	1674	.2	<3	6	2	36.45	.015	3	2	.23	36	<.01	<3	.08	.02	.02	<2	2
D 90372	<1	1	5	29	.5	3	1	5007	.54	21	<8	<2	<2	2132	.4	3	5	2	38.61	.017	3	2	.15	46	<.01	<3	.08	.01	.02	<2	1
D 90373	<1	6	5	31	.3	2	2	4044	.52	15	<8	<2	<2	2866	.7	<3	5	3	30.13	.040	6	2	.27	46	<.01	<3	.16	.01	.07	<2	1
D 90374	<1	<1	3	19	<.3	<1	<1	5280	.56	10	<8	<2	<2	2300	.4	<3	<3	3	39.35	.016	2	2	.24	43	<.01	<3	.06	.01	.02	<2	<1
D 90375	1	2	9	49	.3	6	1	3280	.90	52	<8	<2	<2	1990	.6	<3	<3	5	35.07	.022	5	4	.59	36	<.01	<3	.15	<.01	.04	<2	2
D 90376	<1	<1	8	16	.3	1	<1	5544	.83	17	<8	<2	<2	1382	.3	3	3	2	38.29	.012	5	2	.17	23	<.01	<3	.07	.01	.02	<2	1
D 90377	<1	1	4	16	<.3	<1	1	1291	.37	3	<8	<2	<2	3626	.2	<3	<3	2	36.25	.010	1	2	1.53	16	<.01	<3	.03	.01	.01	<2	1
D 90378	<1	<1	<3	16	.4	1	<1	3488	.45	11	<8	<2	<2	3325	.2	<3	<3	2	38.57	.015	1	2	.32	23	<.01	<3	.06	<.01	.02	<2	<1
D 90379	<1	1	<3	17	<.3	4	<1	2124	.49	9	<8	<2	<2	2679	.3	<3	<3	2	37.02	.015	2	2	1.37	17	<.01	3	.06	.01	.01	<2	<1
D 90380	<1	1	<3	16	<.3	1	<1	2156	.39	17	<8	<2	<2	2632	.3	3	7	2	38.55	.016	1	2	.27	30	<.01	<3	.05	<.01	.01	<2	<1
RE D 90380	<1	<1	3	17	<.3	1	<1	2133	.39	17	<8	<2	<2	2607	.2	<3	<3	2	37.92	.015	1	2	.26	13	<.01	<3	.06	<.01	.01	<2	<1
D 90381	<1	<1	7	14	<.3	1	<1	3969	.70	33	<8	<2	<2	1513	.2	<3	9	2	37.02	.021	4	2	.15	33	<.01	<3	.07	<.01	.02	<2	2
D 90382	<1	1	13	16	<.3	2	<1	2078	.38	7	<8	<2	<2	1745	.2	<3	<3	3	32.82	.011	2	3	.19	13	<.01	<3	.06	<.01	.02	<2	1
STANDARD C3/AU-R	27	67	39	173	5.4	37	13	786	3.59	57	22	<2	19	31	24.1	21	27	84	.62	.090	20	180	.67	162	.11	19	1.97	.04	.17	21	443
STANDARD G-1	2	2	<3	49	<.3	8	5	584	2.17	2	9	<2	3	73	<.2	<3	<3	44	.66	.083	8	80	.70	255	.15	<3	1.04	.06	.51	<2	1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
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- SAMPLE TYPE: ROCK AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: DEC 22 1997

DATE REPORT MAILED: *Jan 14/98*SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

From: Neil O'Brien, Cominco Ltd.

Lloyd, Here's the geochemical results of the two sulphide-bearing samples and the two oxide samples (CARLIN-1, 2) that Paul and I collected properly. Good luck! Neil

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	Au	Ba	Ca	Co	Ni	Pu	Mn	Cr	Mg	Sb	V	Sn	W	Se	Y	La	Hf	Mo	Ti	Al	Cl
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
89721469	CARLIN-1	66422200	6655	25.5079510		132	562	<1	12	1.6	112	29	<5	60320	45	170	<2	117	2	8	202	<.01	<.01	.02	.92	
89721470	CARLIN-2	151022400847170	<.4	102		15	140	17	127850.11	<2	<6	<3	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	

Job V 97-0892

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	Au	Ba	Ca	Co	Ni	Pu	Mn	Cr	Mg	Sb	V	Sn	W	Se	Y	La	Hf	Mo	Ti	Al	Cl
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
89721530	CARLIN-1	37	8690800000	23.4		56	14	191	2	0	.6	5	<6	<5	10	<2	<2	<2	157	1	<2	103	1.75	<.01	.01287.01	.01
89721531	CARLIN-0	12	837617130	13.0		95	13	221	<1	<1	.30	<2	<1	<2	<5	<2	<2	<2	143	0	<2	107	.24	<.01	.00800.01	.01

LAB NO	FIELD NUMBER	Au	Wt Au
		PPM	GRAM
89721469	CARLIN-1	21000	5
89721470	CARLIN-2	<10	5

LAB NO	FIELD NUMBER	Au	Wt Au	Ag(1)	Ag(2)	Hg
		PPM	GRAM	%	%	g/c
89721530	CARLIN-1	<10	1	1.10	2.95	19.4
89721531	CARLIN-0	<10	1	0.30	1.72	11.2

... sample ... results are to follow

... METHOD

... 0.5 gram sample digested in hot reverse aqua regia (soil, etc) or hot aqua regia (rock).

**ANALYTICAL METHODS**

Au Aqua regia decomposition / solvent extraction / AAS  
 Wt Au The weight of sample taken to analyze for gold (microgram)

P.01  
 250 426 5266  
 25  
 4  
 COMINCO LTD  
 05:40P  
 08-30-87



## Loring Laboratories Ltd.

629 Beaverdam Road N.E.,  
 Calgary Alberta T2K 4W7  
 Tel: 274-2777 Fax: 275-0541

File # 39472

DATE: September 16, 1997

TO: TIBERON MINERALS  
 770, 202-6th Avenue S.W.  
 Calgary, Alberta  
 T2P 2R9

*should be  
 not 10  
 (typographical  
 error)*

### ICP ANALYSIS

Attn: Loren Komperdo

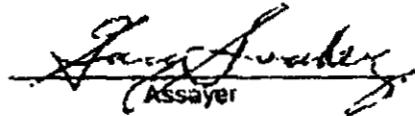
ELEMENT	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Th	Ti
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%
1	<0.5	2.83	<1	<10	21	273	2	12	0.32	3	22	24	364	2.58	0.17	4	0.87	419	3	0.03	25	0.97	44	7	<1	61	<1	0.18
2	<0.5	2.70	<1	<10	16	214	2	12	0.28	3	22	33	315	2.55	0.12	2	0.74	448	3	0.03	25	0.223	65	8	<1	52	<1	0.16
3	<0.5	3.12	<1	<10	15	224	2	15	0.18	2	13	29	1069	2.17	0.13	4	0.78	307	3	0.02	22	0.185	37	8	<1	45	<1	0.16

0.500 Gram sample is digested with Aqua Regia at 95 C for one hour and bulked to 10 ml with distilled water.  
 Partial dissolution for Al, B, Ba, Ca, Cr, Fe, K, La, Mg, Mn, Na, P, Sr, Ti, and W

Tel: (403)274-2777 Fax: (403)275-0541

Sample No	Au ppb
<b>"Geochemical Analysis"</b>	
# 1	< 5
# 2	< 5
# 3	15

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

  
Assayer

Reacts and pupps are retained for one month unless specific arrangements are made in advance

TAGNO	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU	AU
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	oz/t
1+20N 1+50E	8	26	90	193	6.5	54	22	1233	8.89	198	< 8	< 2	2	16	2.1	3	< 3	90	14	332	14	74	.88	60	.04	< 3	2.26	.01	.08	2	382	
1+20N 1+75E	< 1	43	13	86	1.7	58	20	1119	6.36	2	< 8	< 2	< 2	12	.3	< 3	< 3	173	.07	.079	8	149	1.91	125	.04	< 3	3.35	.01	.05	< 2	5	
1+20N 2+00E	1	114	22	155	1.7	36	32	4728	5.59	6	< 8	< 2	< 2	22	.7	< 3	< 3	146	40	.104	9	74	.98	203	.05	3	2.38	.01	.05	< 2	1	
2+00N 0+00	3	44	77	176	4.3	57	15	862	5.95	54	< 8	< 2	< 2	21	.7	< 3	< 3	126	21	.199	16	128	1.75	106	.09	< 3	2.97	.01	.15	< 2	35	
2+00N 0+25E	1	42	23	96	.7	34	15	1258	6.45	6	< 8	< 2	< 2	13	.5	< 3	< 3	140	.11	.282	10	136	.95	118	.08	< 3	2.84	.01	.07	< 2	5	
2+00N 0+25W	1	31	18	90	1.3	26	6	245	4.40	5	< 8	< 2	< 2	60	.6	< 3	< 3	72	.16	.585	15	57	.84	46	.03	< 3	2.10	.01	.15	< 2	2	
2+00N 0+50W	2	21	29	112	.7	29	6	323	3.84	8	10	< 2	< 2	39	1.0	< 3	< 3	99	.23	.417	16	58	1.06	66	.04	< 3	2.23	.01	.13	< 2	2	
2+00N 0+75W	2	25	17	164	.4	43	16	1323	4.25	< 2	< 8	< 2	2	57	2.6	< 3	< 3	89	46	.250	24	47	1.50	58	.05	< 3	3.83	.01	.10	< 2	1	
2+00N 1+00W	< 1	14	14	50	.3	11	4	167	2.42	< 2	< 8	< 2	2	12	.5	< 3	< 3	39	10	.093	13	20	.18	34	.10	< 3	4.51	.02	.03	< 2	2	
2+50N 0+00	< 1	27	35	132	3.9	27	8	523	3.25	13	< 8	< 2	3	22	1.4	< 3	< 3	58	20	.110	19	57	.59	79	.08	< 3	3.91	.02	.07	< 2	6	
2+50N 0+25E	2	29	31	99	2.4	23	7	399	4.81	12	< 8	< 2	2	19	.7	< 3	< 3	94	.28	.234	10	93	.56	119	.11	< 3	3.15	.02	.07	< 2	6	
2+50N 0+25W	1	18	33	138	.7	29	7	354	4.70	7	< 8	< 2	5	32	.9	< 3	< 3	85	.25	.106	26	49	.96	38	.09	< 3	2.62	.01	.13	< 2	2	
2+50N 0+50E	5	47	16	60	.9	11	10	1087	7.00	< 2	< 8	< 2	3	7	.4	< 3	< 3	94	.12	.087	8	57	.16	40	.20	3	2.36	.02	.03	< 2	1	
2+50N 0+50W	1	30	20	122	1.3	25	9	1645	3.18	4	< 8	< 2	2	25	1.4	< 3	< 3	59	14	.131	13	45	.55	120	.10	< 3	1.42	.01	.10	< 2	1	
2+50N 0+75W	1	21	17	179	1.9	27	9	1046	3.08	7	< 8	< 2	2	63	1.2	< 3	< 3	61	.78	.291	12	45	.76	172	.07	4	2.62	.02	.11	< 2	3	
2+50N 1+00W	1	25	19	201	.8	34	11	1713	3.98	2	< 8	< 2	3	51	2.7	< 3	< 3	90	47	.197	16	42	.84	143	.07	4	2.54	.01	.10	< 2	1	
3+50E 0+00N	1	39	86	721	< 3	105	16	507	3.19	36	< 5	< 2	6	48	3.6	5	2	69	52	.303	17	42	.68	475	.12	< 3	2.39	.03	.17	< 2	6	
3+50E 0+10N	2	39	535	814	.4	73	16	1035	3.14	54	< 5	< 2	5	49	5.8	5	2	78	54	.529	15	34	.48	626	.10	4	2.25	.03	.15	< 2	4	
3+50E 0+20N	1	24	19	99	< 3	27	10	311	2.51	3	< 5	< 2	7	24	.5	< 2	< 2	47	32	.139	23	30	.61	137	.08	7	1.63	.02	.20	2	2	
3+50E 0+30N	< 1	20	20	96	< 3	25	9	349	2.31	3	< 5	< 2	7	26	.3	3	< 2	42	34	.093	25	32	.59	139	.08	< 3	1.64	.02	.23	2	3	
3+50E 0+40N	< 1	23	25	127	< 3	30	11	397	2.67	< 2	< 5	< 2	6	28	.8	< 2	4	48	31	.143	19	32	.60	201	.10	5	2.16	.02	.20	3	2	
3+50E 0+50N	< 1	28	20	121	< 3	37	11	248	2.75	5	< 5	< 2	6	25	.3	< 2	3	51	33	.150	17	35	.57	193	.10	3	2.66	.03	.19	2	2	
3+50E 0+60N	< 1	15	19	103	< 3	33	8	461	2.26	< 2	< 5	< 2	6	25	.2	< 2	< 2	40	27	.177	15	28	.46	221	.10	< 3	2.04	.02	.18	3	1	
3+50E 0+70N	< 1	20	17	106	< 3	28	10	288	2.28	< 2	< 5	< 2	6	25	< .2	< 2	2	41	28	.130	16	28	.46	285	.10	5	2.26	.02	.17	2	2	
B 1+20N 0+25E	1	19	15	100	.9	26	5	143	2.36	4	< 5	< 2	< 2	59	.5	< 2	3	39	32	.302	7	32	.42	42	.06	< 3	1.04	.01	.04	< 2	6	
B 1+20N 0+50E	1	21	17	181	.5	37	9	1131	2.98	2	< 5	< 2	< 2	72	3.2	< 2	2	60	.81	.296	16	31	.88	86	.03	< 3	2.39	.01	.07	< 2	2	
B 1+20N 0+75E	1	21	32	76	.5	20	8	299	5.47	3	< 5	< 2	< 2	24	< .2	< 2	5	64	.14	.252	9	28	.61	57	.11	< 3	1.71	.01	.07	< 2	1	
B 1+20N 1+00E	1	23	21	197	1.3	40	17	1400	4.51	< 2	< 5	< 2	< 2	172	3.9	< 2	3	61	96	.169	24	32	1.31	99	.07	< 3	4.33	.03	.09	< 2	1	
B 1+20N 1+25E	1	18	10	138	1.4	39	12	432	3.71	< 2	< 5	< 2	3	45	2.0	< 2	4	72	35	.144	16	56	1.83	45	.11	< 3	5.44	.02	.10	< 2	1	
B 1+20N 1+50E	7	23	83	220	7.5	61	23	1485	7.35	190	< 5	< 2	< 2	19	2.1	< 2	3	80	.17	.233	13	69	1.12	64	.06	< 3	2.88	.01	.07	< 2	269	
B 51811	1	31	14	9	< 3	17	8	477	1.72	3	7	< 2	9	7	< 2	< 2	3	7	.11	.052	32	10	.20	48	< .01	< 3	.74	.03	.20	2	3	
B 51812	1	20	8	10	< 3	15	8	291	1.71	2	10	< 2	8	12	< 2	< 2	< 2	11	.23	.059	20	17	.46	47	.02	< 3	.88	.02	.20	3	1	
B 51813	< 1	11	< 3	16	< 3	2	1	48	.13	< 2	< 5	< 2	< 2	488	.5	< 2	< 2	13	39.34	.043	3	9	.61	146	.01	< 3	.20	< .01	.15	< 2	2	
B 51814	< 1	19	5	75	1.3	30	5	113	1.19	3	< 5	< 2	6	142	.6	< 2	3	44	10.12	.100	12	50	2.48	165	.11	< 3	1.37	.02	.84	< 2	2	
B 51815	1	8	21	94	1.2	25	< 1	207	.62	15	< 5	< 2	2	681	5.1	< 2	< 2	27	24.78	.229	8	19	.77	75	.01	< 3	.42	< .01	.10	< 2	6	
B 51816	11	13	10	58	.3	9	1	102	1.01	37	< 5	< 2	2	18	.7	13	4	79	.37	.032	10	16	.04	178	< .01	4	.23	< .01	.13	4	7	
B 51817	8	12	1074	18	14.3	3	1	50	.41	23	< 5	< 2	< 2	6	< 2	27	< 2	47	.14	.010	7	19	.02	97	< .01	6	.17	< .01	.11	6	39	
B 51818	7	1467	10	24	2.0	18	25	200	6.10	< 2	< 5	< 2	< 2	61	< 2	< 2	4	146	1.02	.085	4	36	.89	67	.24	< 3	1.94	.24	.69	73	8	
B 51820	1	313	10	13	< 3	17	32	228	7.28	< 2	< 5	< 2	2	142	< 2	< 2	4	52	2.57	.178	4	7	.35	33	.14	< 3	2.34	.36	.10	4	6	

JAN 27 1998  
P81



TAGNO	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU	AU
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	oz/t
B 51821	4	1988	9	21	3.4	3	3	201	3.40	<2	<5	<2	3	57	<.2	<2	20	197	.38	.105	10	43	1.81	216	.22	<3	2.01	.14	1.33	4	32	
B 51822	3	280	11	9	<.3	9	8	102	2.36	<2	<5	<2	<2	363	.2	<2	<2	40	3.97	.155	4	12	.24	20	.17	<3	4.90	.74	.08	2	9	
B 51823	23	20	8	89	1.1	64	4	255	.98	46	<5	<2	2	564	3.1	2	<2	13	23.80	.105	9	15	.24	58	<.01	<3	28	<.01	.12	<2	3	
B 51824	<1	4	<3	10	.3	1	<1	93	.22	3	<5	<2	<2	1705	.3	<2	<2	3	40.49	.027	2	2	.21	6	<.01	<3	.06	<.01	.01	<2	1	
B 51825	<1	22	21	129	.8	27	14	873	5.09	4	<5	<2	8	145	1.3	<2	2	68	1.78	.232	43	18	2.02	80	.03	<3	2.09	.07	.29	3	1	
B 51826	2	27	13	29	.3	22	8	87	3.46	<2	<5	<2	10	234	.4	<2	<2	44	1.93	.055	14	53	.86	23	.12	<3	4.07	.54	.47	4	4	
B 51827	80	6	45	11	13.9	7	1	48	.67	83	<5	<2	<2	8	<.2	2	<2	3	.09	.007	1	17	.01	3	<.01	<3	.05	.01	.02	6	4	
B 51828	1	80	19	87	.3	187	36	1065	5.91	3	<5	<2	7	326	1.0	<2	<2	141	3.35	.414	76	163	4.79	1683	.23	<3	2.74	.12	1.39	<2	6	
B 51829	1	40	8	26	.3	21	12	449	2.98	10	<5	<2	4	97	<.2	<2	<2	37	.62	.149	21	35	.94	148	.11	<3	1.03	.08	.38	5	523	
B 51830	1	17	7	19	.5	3	7	413	1.91	6	<5	<2	2	111	.2	<2	<2	12	1.95	.067	7	7	.20	64	.04	3	.51	.04	.29	10	852	
B 51831	3	32	8	19	.7	14	11	249	3.01	10	<5	<2	2	63	<.2	2	<2	22	.72	.082	10	18	.44	87	.06	<3	.72	.05	.31	15	739	
B 51832	<1	68	29	67	.6	4	8	407	1.91	5	<5	<2	4	16	1.1	<2	<2	9	.15	.076	11	7	.06	82	.01	<3	.57	.05	.27	4	82	
B 51833	<1	31	4	20	<.3	3	5	394	1.47	<2	<5	<2	2	42	<.2	2	3	8	.53	.069	11	6	.13	100	.01	<3	.62	.06	.30	<2	46	
B 51834	9967	68	<3	38	<.3	21	18	313	4.05	67	6	<2	6	98	.3	<2	<2	22	.80	.041	8	27	.49	61	.05	<3	.86	.03	.45	11	5	
B 51835	1	2495	7	60	2.8	8	15	496	10.88	<2	<8	<2	2	32	<.2	3	<3	279	.32	.132	8	85	3.06	98	.33	<3	3.04	.08	2.45	5	11	
B 51836	4	11998	<3	118	21.5	20	38	153	15.55	<2	<8	<2	5	19	.3	<3	128	76	.26	.179	12	24	.69	54	.07	<3	1.05	.02	.80	<2	143	
B 51837	44	648	8	109	2.0	137	12	1028	9.80	<2	13	2	2	14	1.0	<3	<3	539	.72	.312	10	108	52	12	.10	<3	.69	.03	.54	6	5	
B 51838	15	94	11	48	.9	16	4	1252	6.05	<2	<8	<2	3	15	.3	<3	<3	81	.13	.131	17	37	52	280	.09	3	1.00	.01	.49	7	3	
B 51839	41	420	11	86	2.0	216	29	331	12.47	<2	11	<2	2	9	.5	<3	6	227	.53	.152	8	43	59	14	.10	<3	.95	.02	.67	5	3	
B 51840	7	154	11	230	1.0	32	5	1561	19.29	<2	<8	<2	3	56	<.2	<3	<3	435	.65	.522	23	154	55	191	.04	<3	1.19	<.01	.20	3	3	
B 51841	2	26	3	15	1.1	4	4	387	1.39	3	13	<2	4	13	<.2	<3	4	7	.13	.064	13	9	.07	70	.01	5	.46	.04	.25	2	575	
B 51842	1	42	<3	14	.9	3	3	350	1.17	3	12	<2	2	29	.2	<3	5	7	.41	.058	9	6	.13	79	.02	3	.49	.03	.26	3	487	
B 51843	1	8	<3	15	<.3	4	4	378	1.45	<2	<8	<2	3	31	<.2	<3	<3	11	.56	.065	11	7	.20	120	.04	3	.61	.04	.32	2	197	
B 51844	<1	6	7	24	<.3	4	4	405	2.01	3	8	<2	3	47	<.2	<3	<3	36	1.92	.064	10	10	.39	149	.10	9	1.30	.07	.14	5	69	
B 51845	1	16	4	13	.3	3	3	333	1.42	3	11	<2	3	31	<.2	<3	<3	11	.36	.061	11	9	.18	126	.03	4	.70	.04	.33	2	353	
B 51846	1	9	<3	18	<.3	4	3	413	1.34	2	10	<2	3	35	<.2	<3	<3	11	.61	.065	10	8	.21	123	.05	6	.69	.05	.36	3	63	
B 51847	1	13	10	17	.6	3	3	275	1.17	8	8	<2	4	24	<.2	<3	<3	7	.21	.053	11	5	.11	65	.01	6	.46	.04	.26	2	10	
B 51848	1	42	7	11	1.2	3	7	318	1.55	7	9	2	3	17	<.2	<3	<3	8	.12	.051	10	10	.09	63	.01	6	.46	.03	.21	4	1480	
B 51849	2	47	<3	9	.3	3	6	362	1.97	46	8	<2	3	17	<.2	<3	<3	6	.14	.064	10	8	.06	96	<.01	4	.50	.03	.24	2	474	
B 51850	3	21	9	5	11.0	7	3	233	1.18	8	10	54	<2	6	<.2	<3	10	5	.03	.018	5	27	.03	44	<.01	3	.14	.01	.08	9	40100	
BL 2+70N	1	25	43	143	3.1	51	9	408	3.64	25	<8	<2	<2	34	1.4	<3	<3	89	.38	.201	24	72	1.40	61	.08	<3	2.59	<.01	.14	<2	6	
BL 3+00N	3	31	46	398	1.6	70	13	958	5.90	35	<8	<2	5	43	1.5	<3	<3	107	.39	.544	30	86	1.40	77	.07	<3	3.25	<.01	.12	<2	2	
BL 3+25N	2	24	43	111	1.5	37	11	691	6.39	16	<8	<2	2	36	.9	<3	<3	147	.34	.507	17	75	1.11	127	.11	<3	2.32	<.01	.14	<2	3	
BL 3+50N	<1	29	16	94	1.9	19	7	686	2.22	<2	<8	<2	<2	112	3.2	<3	<3	31	1.55	.170	33	24	.30	78	.15	<3	5.10	.05	.04	<2	1	
D 90251	1	48	10	26	.8	120	25	1117	4.26	39	<8	<2	5	127	.3	3	4	24	1.44	.219	35	72	.54	134	<.01	3	.64	.01	.31	2	3740	
D 90252	2	43	9	45	<.3	183	33	1246	4.85	18	<8	<2	5	470	.4	4	<3	52	3.55	.329	55	214	2.57	190	.01	5	1.21	.02	.30	2	128	
D 90253	1	1981	24	26	.4	35	31	65	4.43	<2	<8	<2	<2	144	<.2	<3	<3	31	1.79	.124	2	16	.21	17	.15	<3	1.92	.31	.05	113	5	
D 90254	7	455	11	17	<.3	10	9	148	3.22	<2	<8	<2	3	101	<.2	<3	<3	122	.75	.135	12	28	1.36	111	.23	4	1.67	.19	.99	347	2	
D 90255	4	430	15	25	<.3	11	9	199	3.21	<2	<8	<2	4	142	<.2	<3	<3	132	1.06	.152	21	37	1.34	135	.23	<3	2.07	.24	.93	23	1	

TAGNO	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU	AU	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb	oz/t	
D 90256	14	1623	12	26	3.3	4	3	223	2.71	2	<8	<2	2	36	<2	<3	<3	209	.49	.117	7	46	1.85	70	.22	<3	1.82	.10	1.27	26	27		
D 90257	4	1168	11	10	1.7	1	1	21	.49	<2	14	<2	21	4	<2	<3	<3	1	.01	.003	2	15	.01	11	<.01	<3	.13	.03	.11	132	11		
D 90258	10	1663	10	43	1.7	14	13	313	4.08	<2	<8	<2	15	104	.2	<3	<3	107	.96	.265	40	48	1.79	85	.25	<3	1.92	.14	1.58	119	23		
D 90259	6	1028	13	55	.8	20	18	356	4.80	4	<8	<2	4	146	<.2	<3	<3	156	1.09	.285	27	44	1.58	93	.25	<3	2.13	.18	1.06	66	3		
D 90260	1	34	12	16	<3	30	19	41	2.95	<2	<8	<2	11	55	.3	<3	<3	13	.31	.040	16	12	.38	15	.09	3	1.10	.05	.45	<2	<1		
D 90261	7	2	<3	19	<3	14	1	1336	2.64	22	<8	<2	4	834	.6	<3	<3	17	20.63	.053	5	10	3.92	65	<.01	<3	.41	<.01	.12	<2	4		
D 90262	12	21	15157	11361	58.4	7	5	119	36.89	281	<8	<2	<2	71	24.6	96	<3	53	1.33	1.346	1	43	.05	37	<.01	<3	.09	<.01	.02	<2	47		
D 90263	3	15	7752	7062	19.3	10	1	131	.41	80	<8	<2	2	176	61.9	46	<3	3	34.54	.032	5	1	.62	99	<.01	<3	.04	<.01	.04	<2	12		
D 90264	12	175	16332	10952	12.2	89	5	942	6.68	12793	24	3	9	35	512.0	8455	<3	136	14.93	.163	4	17	.91	49	<.01	<3	.20	<.01	.04	3	3795		
D 90265	28	956	16747	16375	45.3	348	10	1881	21.28	45320	36	<2	3	22	183.9	838	<3	587	.73	.418	19	50	.10	39	.01	<3	.48	<.01	.03	78	1331		
D 90266 SILT	<1	28	103	532	13.2	57	12	988	3.35	28	<8	<2	6	119	5.2	<3	3	67	1.31	.269	63	48	1.49	90	.05	<3	2.29	.02	.22	<2	4		
D 90267	860	6013	421	146	8.1	6	7	185	3.71	82	<8	<2	2	9	2.1	25	8	85	.25	.102	6	9	1.02	21	.02	5	1.13	.03	.15	324	31		
D 90268	1	27	4	33	1.8	1495	103	1680	6.22	126	<8	<2	<2	386	.3	<3	<3	68	3.52	.014	11	1800	5.92	53	.01	7	2.02	<.01	.01	<2	38		
D 90269	1	33	28	88	.7	56	23	175	6.27	<2	<8	<2	10	142	<.2	<3	<3	15	1.23	.082	9	18	.56	27	.04	<3	2.63	.35	.24	<2	6		
D 90270	<1	10	5	27	<3	18	5	499	1.77	<2	10	<2	2	539	.5	<3	<3	25	19.65	.079	10	29	.99	7	.08	<3	2.61	.45	.45	<2	4		
D 90271	6	38	6	29	.5	40	15	197	3.35	<2	9	<2	4	374	.7	<3	<3	39	6.47	.196	6	27	.63	19	.09	5	2.83	.18	.16	5	2		
D 90272	17	6053	127	3527	8.9	103	153	632	22.25	2	<8	<2	3	7	9.0	<3	5	106	.16	.022	1	93	2.48	<1	.01	4	2.81	<.01	.01	<2	46		
D 90273	5	113	16628	36044	36.1	3	<1	1076	.97	603	23	<2	<2	170	395.6	2763	<3	10	14.75	.071	3	4	7.37	32	<.01	<3	.05	<.01	.03	<2	750		
D 90274	1	117	6	13	<3	3	3	419	2.44	4	<8	<2	3	75	.3	<3	<3	6	.92	.059	9	8	.07	118	.01	3	.61	.06	.30	5	238		
D 90275	<1	14	6	16	<3	3	3	367	1.52	2	<8	<2	3	49	.2	<3	<3	9	.89	.067	11	5	.14	82	.02	<3	.63	.07	.30	<2	79		
D 90276	<1	3	5	12	<3	2	4	381	1.46	<2	<8	<2	3	80	<.2	<3	<3	7	1.25	.065	11	5	.10	109	.02	<3	.51	.05	.36	2	24		
D 90277	<1	5	5	12	<3	3	5	316	1.55	<2	<8	<2	2	65	<.2	<3	<3	11	.77	.065	9	6	.18	91	.04	<3	.70	.07	.39	2	22		
D 90278	<1	11	4	17	<3	3	3	491	1.63	<2	<8	<2	2	78	.2	<3	<3	11	.87	.065	9	6	.21	121	.05	<3	.73	.06	.36	3	8		
D 90279	<1	4	5	17	<3	3	3	361	1.44	<2	<8	<2	2	43	.2	<3	<3	10	.36	.066	7	6	.19	116	.05	<3	.70	.05	.37	2	15		
D 90280	<1	38	27148	54936	143.8	10	4	1042	2.28	4	<8	<2	4	10	419.0	140	<3	2	.80	.009	2	17	.15	7	<.01	4	.05	.01	.02	<2	19		
D 90280																																	0.001
D 90281	1	1554	65	38	12.9	9	7	738	19.04	654	<8	16	3	2	<.2	8	282	3	.02	.022	3	12	.01	20	<.01	9	.27	.01	.09	4	15500		
D 90281																																	0.583
D 90282	3	811	517	94	40.8	19	8	672	14.95	834	<8	210	5	3	<.2	39	4934	3	.01	.019	4	17	.05	17	<.01	9	.35	.01	.07	6	99999		
D 90282																																	4.238
D 90283	<1	18	25	22	4	9	3	1119	1.85	12	<8	2	<2	296	<.2	<3	76	4	28.62	.097	10	7	.47	9	<.01	3	.48	.01	.05	<2	1001		
D 90283																																	0.024
D 90284	3	30	33	60	.3	47	18	2086	6.20	11	<8	<2	8	32	<.2	3	39	6	2.44	.049	13	22	.57	31	<.01	4	1.06	.03	.14	4	409		
D 90284																																	0.007
D 90285	1	36	21	100	<3	46	18	566	4.78	<2	<8	<2	11	12	<.2	<3	6	9	.21	.026	33	33	.73	37	<.01	4	1.76	.03	.17	<2	21		
D 90286	1	37	12	116	<3	43	20	443	5.71	3	<8	<2	12	11	<.2	3	7	14	.11	.029	34	49	1.35	30	<.01	3	2.95	.03	.14	2	13		
D 90287	2	23	20	32	.3	22	12	684	2.14	4	<8	<2	3	43	<.2	<3	3	3	3.03	.036	11	23	.35	14	<.01	7	.63	.02	.07	7	27		
D 90288	1	17	26	46	.5	28	11	655	2.68	9	<8	<2	5	298	<.2	<3	<3	3	18.91	.029	27	17	.59	21	<.01	5	.78	.02	.08	2	9		
D 90289	2	18	33	80	<3	38	18	1561	4.45	9	<8	<2	5	53	.2	<3	3	5	2.43	.050	11	14	.07	32	<.01	3	.34	.09	.08	4	10		

TAGNO	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU	AU
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	oz/t
D 90290	1	37	19	153	1.8	59	19	1800	3.61	13	< 8	< 2	2	36	1.2	< 3	< 3	145	.32	.080	33	99	4.27	268	.06	6	3.14	.01	.28	< 2	551	
D 90291	1	14	5	120	5.1	34	5	1911	2.18	15	< 8	< 2	< 2	354	1.5	< 3	< 3	92	8.46	.071	15	49	3.07	64	< .01	4	1.73	.01	.01	2	27	
D 90292	< 1	3	4	65	.9	16	1	276	.62	11	< 8	< 2	< 2	859	4.9	< 3	< 3	17	33.60	.062	5	8	.39	27	< .01	3	.31	< .01	.04	< 2	2	
D 90293	1	2	30	53	1.2	18	2	652	1.21	30	< 8	< 2	2	813	1.2	< 3	< 3	15	17.72	.066	7	11	1.90	63	< .01	< 3	.20	< .01	.08	< 2	20	
D 90294	2	34	26	139	4.4	124	12	748	2.36	124	< 8	< 2	2	384	2.7	< 3	< 3	54	12.32	.080	15	146	2.39	55	< .01	5	1.57	< .01	.06	< 2	84	
D 90295	< 1	11	5	109	1.1	20	2	262	.85	13	< 8	< 2	2	859	7.6	< 3	< 3	20	28.74	.097	8	10	.57	33	< .01	< 3	.55	< .01	.07	< 2	2	
D 90296	1	45	37	355	10.5	189	14	477	2.94	122	< 8	< 2	5	41	4.8	< 3	3	45	.81	.115	30	131	3.76	46	< .01	3	3.02	< .01	.14	< 2	6	
D 90297	1	47	23	292	7.5	211	22	689	2.68	84	< 8	< 2	4	211	7.6	< 3	< 3	53	4.99	.093	24	215	2.83	57	< .01	5	2.28	< .01	.11	2	8	
D 90298	< 1	2	< 3	47	.6	9	1	277	.20	6	< 8	< 2	< 2	768	4.2	< 3	< 3	14	37.67	.049	4	7	.32	16	< .01	< 3	.16	< .01	.01	< 2	2	
D 90299	< 1	17	7	95	1.4	28	6	303	1.58	14	< 8	< 2	3	418	4.1	< 3	< 3	29	19.80	.069	14	15	1.27	32	< .01	3	1.33	.01	.09	< 2	14	
D 90351	1	6335	3	54	6.8	19	21	300	5.07	< 2	< 8	< 2	< 2	37	4	< 3	7	203	.75	.146	10	74	3.13	63	.29	6	2.49	.13	2.29	22	74	
D 90352	3	103	13	23	1.0	5	2	156	2.39	3	< 8	< 2	8	20	4	< 3	5	6	.12	.105	36	11	.05	116	< .01	9	.60	.04	.16	3	2	
D 90353	3	66	14	101	.9	21	8	619	5.11	< 2	< 8	< 2	14	21	4	< 3	< 3	27	.06	.055	31	37	1.21	168	.02	7	2.04	.03	.29	< 2	11	
D 90354	1	20	15	8	5.1	5	1	2205	1.59	2	< 8	< 2	< 2	73	.2	< 3	14	< 1	1.71	.004	2	16	.41	8	< .01	< 3	.03	.01	.01	6	58	
D 90355	< 1	4	70	< 1	< 3	< 1	< 1	155	.28	3	< 8	< 2	< 2	18	< 2	< 3	< 3	< 1	21.88	.013	1	< 1	8.67	4	< .01	3	.02	.01	< .01	< 2	5	
D 90356	< 1	1	25	< 1	< 3	< 1	< 1	133	.15	< 2	< 8	< 2	< 2	25	< 2	< 3	< 3	< 1	22.13	.017	2	2	8.30	2	< .01	5	.01	.01	< .01	< 2	1	
D 90357	6	21	166	36	.6	24	2	90	4.71	39	< 8	< 2	4	103	1.8	< 3	< 3	26	16.42	.130	9	6	4.97	47	< .01	3	.17	.01	.12	2	2	
D 90358	2	66	721	4942	.6	424	11	628	3.62	87	< 8	< 2	11	35	6.3	42	< 3	80	2.18	.309	35	37	.57	258	.07	< 3	2.64	.02	.25	2	8	
D 90359	< 1	2	184	418	.4	14	1	174	.19	22	< 8	< 2	< 2	197	6.3	20	< 3	6	30.63	.029	9	2	6.20	20	< .01	< 3	.05	.01	.01	2	2	
D 90360	2	105	1443	6256	1.6	399	17	647	4.75	159	< 8	< 2	12	43	9.6	47	< 3	100	3.21	.238	39	54	.94	296	.11	< 3	3.53	.02	.27	< 2	14	
D 90361	3	68	208	2201	.6	158	13	423	2.80	63	< 8	< 2	9	61	5.2	12	4	107	1.63	.322	29	34	.61	301	.06	4	1.55	.02	.27	3	19	
D 90362	11	146	19402	12560	15.6	106	2	882	10.64	48194	75	4	2	84	462.5	12943	< 3	128	8.90	.149	9	37	.35	170	< .01	< 3	.23	.01	.05	< 2	4060	
D 90363	2	1	158	96	.4	8	< 1	39	.35	81	14	< 2	< 2	198	1.3	52	< 3	7	36.83	.030	8	1	.87	11	< .01	< 3	.03	.01	.02	2	9	
D 90364	1	25	321	413	2.7	25	12	1360	2.10	103	< 8	< 2	11	17	2.9	40	4	9	.23	.067	29	12	.31	33	< .01	8	.93	.01	.25	< 2	7	
D 90365	3	1070	563	70036	14.9	7	< 1	4267	30.89	3216	< 8	< 2	4	2	498.7	< 3	< 3	4	.14	.001	1	12	.03	3	< .01	< 3	.03	< .01	.01	< 2	34	
D 90366	3	394	14851	731	69.2	2	< 1	214	1.76	243	< 8	< 2	< 2	22	12.4	463	6	1	.06	.021	1	8	< .01	4	< .01	< 3	.06	< .01	.02	3	43	
D 90367	2	409	16532	71180	84.4	24	44	4347	21.86	99999	< 8	< 2	3	23	567.9	329	54	6	.61	.035	2	34	.20	3	< .01	4	.09	< .01	.01	2	447	
D 90368	2	1628	17388	75681	84.8	6	17	5905	13.09	740	< 8	< 2	2	20	521.3	42	3	5	.13	.048	2	44	.06	5	< .01	< 3	.25	< .01	.01	< 2	21	
D 90369	< 1	662	21823	39229	100.5	16	32	24660	26.92	1156	< 8	< 2	4	101	297.4	48	3	4	4.58	.024	6	41	.87	5	< .01	< 3	.10	.01	.01	< 2	109	
D 90370	1	1149	17212	99999	42.2	12	28	9718	14.86	178	< 8	< 2	2	9	1765.	31	31	17	.14	.005	4	< 1	.27	11	< .01	< 3	.77	< .01	.02	< 2	8	
D 90371	< 1	1	6	33	.7	3	< 1	4314	.82	63	< 8	< 2	< 2	1674	.2	< 3	6	2	36.4	.015	3	2	.23	36	< .01	< 3	.08	.02	.02	< 2	2	
D 90372	< 1	1	5	29	.5	3	1	5007	.54	21	< 8	< 2	< 2	2132	.4	3	5	2	38.6	.017	3	2	.15	46	< .01	< 3	.08	.01	.02	< 2	1	
D 90373	< 1	6	5	31	.3	2	2	4044	.52	15	< 8	< 2	< 2	2866	.7	< 3	5	3	30.1	.040	6	2	.27	46	< .01	< 3	.16	.01	.07	< 2	1	
D 90374	< 1	< 1	3	19	< 3	< 1	< 1	5280	.56	10	< 8	< 2	< 2	2300	.4	< 3	< 3	3	39.3	.016	2	2	.24	43	< .01	< 3	.06	.01	.02	< 2	< 1	
D 90375	1	2	9	49	.3	6	1	3280	.90	52	< 8	< 2	< 2	1990	.6	< 3	< 3	5	35.0	.022	5	4	.59	36	< .01	< 3	.15	< .01	.04	< 2	2	
D 90376	< 1	< 1	8	16	.3	1	< 1	5544	.83	17	< 8	< 2	< 2	1382	.3	3	3	2	38.2	.012	5	2	.17	23	< .01	< 3	.07	.01	.02	< 2	1	
D 90377	< 1	1	4	16	< 3	< 1	1	1291	.37	3	< 8	< 2	< 2	3626	.2	< 3	< 3	2	36.2	.010	1	2	1.53	16	< .01	< 3	.03	.01	.01	< 2	1	
D 90378	< 1	< 1	< 3	16	.4	1	< 1	3488	.45	11	< 8	< 2	< 2	3325	.2	< 3	< 3	2	38.5	.015	1	2	.32	23	< .01	< 3	.06	< .01	.02	< 2	< 1	
D 90379	< 1	1	< 3	17	< 3	4	< 1	2124	.49	9	< 8	< 2	< 2	2679	.3	< 3	< 3	2	37.0	.015	2	2	1.37	17	< .01	3	.06	.01	.01	< 2	< 1	

TAGNO	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU	AU
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	oz/t
D 90380	< 1	1	< 3	16	< .3	1	< 1	2156	.39	17	< 8	< 2	< 2	2632	.3	3	7	2	38.5	.016	1	2	.27	30	< .01	< 3	.05	< .01	.01	< 2	< 1	
D 90381	< 1	< 1	7	14	< .3	1	< 1	3969	.70	33	< 8	< 2	< 2	1513	.2	< 3	9	2	37.0	.021	4	2	.15	33	< .01	< 3	.07	< .01	.02	< 2	2	
D 90382	< 1	1	13	16	< .3	2	< 1	2078	.38	7	< 8	< 2	< 2	1745	.2	< 3	< 3	3	32.8	.011	2	3	.19	13	< .01	< 3	.06	< .01	.02	< 2	1	
D 90483	1	193	18	81	< .3	59	29	968	5.18	5	< 8	< 2	8	11	< .2	< 3	6	11	.09	.025	17	44	.96	30	< .01	6	2.24	.04	.12	4	3	
D 90484	1	2689	6	35	.6	42	25	1367	3.37	15	< 8	< 2	5	5	.2	< 3	3	4	.07	.018	15	24	.20	33	< .01	5	.72	.02	.12	5	11	
D 90485	< 1	57	45	100	.3	77	31	816	4.92	9	< 8	< 2	7	9	< .2	< 3	3	10	.12	.039	40	40	.87	34	< .01	4	1.98	.03	.11	3	1	
D 90486	1	46	18	11	.5	5	2	174	4.67	22	< 8	< 2	< 2	25	< .2	3	< 3	1	.04	.080	4	25	.01	12	< .01	4	.07	< .01	.02	10	5	
D 90487	2	10	5	19	3.7	11	3	441	1.18	13	< 8	< 2	< 2	19	.6	< 3	< 3	16	.73	.029	2	19	.42	17	< .01	< 3	.31	< .01	< .01	6	664	
D 90488	4	1	6	22	1.5	29	3	913	2.03	48	< 8	< 2	< 2	1117	.9	< 3	< 3	20	22.60	.178	8	18	1.93	62	< .01	3	.19	< .01	.11	< 2	19	
D 90489	1	4	20	30	1.2	5	1	568	.80	8	< 8	< 2	< 2	845	.6	< 3	< 3	16	17.92	.027	3	9	.42	26	< .01	< 3	.33	< .01	.01	< 2	4	
D 90490	< 1	47	3	59	.6	58	28	792	4.84	7	< 8	< 2	< 2	105	.8	< 3	< 3	139	1.32	.261	26	235	4.10	720	.28	11	3.29	.03	.67	< 2	1	
D 90491	11	17	43	50	19.6	60	59	1543	15.60	380	< 8	< 2	< 2	32	3.9	6	3	143	.35	.119	14	41	.98	107	.02	14	1.11	< .01	.05	5	90	
D 90492	3	2	207	134	2.1	37	6	1248	1.90	39	< 8	< 2	< 2	949	3.6	< 3	< 3	27	19.23	.092	17	18	1.31	73	< .01	8	.49	< .01	.10	< 2	8	
D 90493	2	8	16	38	5.9	29	15	1489	5.14	67	< 8	< 2	< 2	25	1.8	< 3	< 3	46	.34	.085	11	23	.78	69	.01	5	.70	< .01	.03	9	15	
D 90495	3	872	3	12	.6	37	51	260	10.31	< 2	< 8	< 2	< 2	78	.2	< 3	22	173	.95	.133	10	46	2.08	54	.24	7	2.06	.19	1.43	5	2	
D 90496	2	1114	3	45	1.1	40	50	528	9.72	< 2	< 8	< 2	< 2	60	.5	< 3	6	236	.80	.124	7	52	2.76	60	.28	7	2.72	.16	1.71	6	1	
D 90497	5	1372	3	31	1.8	23	29	331	7.01	< 2	< 8	< 2	< 2	160	.2	< 3	11	249	1.02	.110	6	56	3.11	51	.25	8	3.81	.27	2.26	< 2	3	
D 90498	4	5156	4	49	5.3	10	11	146	2.72	< 2	< 8	< 2	2	89	.4	< 3	4	176	.85	.098	10	35	1.31	108	.23	6	2.23	.27	1.06	19	69	
D1 0+25W	< 1	26	10	42	< .3	9	5	196	2.16	< 2	< 8	< 2	4	30	< .2	< 3	< 3	54	.31	.133	15	19	.37	76	.07	3	1.16	.01	.05	< 2	4	
D1 0+50W	1	26	12	55	< .3	16	8	481	2.83	2	< 8	< 2	3	27	.3	< 3	< 3	72	.27	.129	12	28	.34	84	.09	< 3	1.44	.01	.06	< 2	7	
D1 0+75W	< 1	22	24	104	< .3	12	9	494	2.79	3	< 8	< 2	3	36	.4	< 3	< 3	61	.31	.213	11	27	.35	95	.13	< 3	2.25	.02	.06	3	2	
D1 1+00W	1	83	34	110	< .3	17	14	887	3.94	3	< 8	< 2	3	38	.6	< 3	8	99	.24	.157	16	37	.60	165	.15	< 3	3.04	.02	.11	4	2	
D1 1+25W	2	173	34	104	< .3	16	21	607	4.61	< 2	< 8	< 2	4	58	.3	< 3	7	114	.34	.105	26	44	.79	137	.19	< 3	2.48	.03	.12	10	2	
D1 1+50W	2	141	31	136	< .3	20	16	641	4.35	3	< 8	< 2	5	53	.2	< 3	6	107	.32	.146	16	40	.77	212	.20	4	3.30	.03	.11	8	3	
D1 1+75W	3	336	25	61	< .3	18	12	241	4.71	2	< 8	< 2	9	79	< .2	< 3	9	105	.26	.170	33	41	.95	218	.17	< 3	3.59	.04	.18	15	7	
D1 2+00W	1	173	18	79	< .3	20	14	239	4.08	3	< 8	< 2	7	52	.2	< 3	< 3	95	.29	.119	20	36	.73	223	.21	5	4.19	.03	.11	8	2	
D1 2+25W	2	176	28	103	< .3	21	16	588	4.60	5	< 8	< 2	6	59	< .2	< 3	7	115	.29	.210	18	42	.96	252	.22	< 3	3.51	.04	.12	7	1	
D1 2+50W	1	171	24	96	< .3	22	19	427	4.23	< 2	8	< 2	6	40	< .2	< 3	< 3	97	.22	.278	14	36	.73	190	.19	4	4.28	.04	.12	11	1	
D1 2+75W	1	122	28	110	< .3	16	15	315	4.44	3	< 8	< 2	6	36	< .2	< 3	< 3	106	.22	.272	12	39	.80	181	.20	4	3.80	.03	.10	4	3	
D1 3+00W	1	163	16	97	.3	21	15	273	4.52	< 2	< 8	< 2	7	36	< .2	< 3	7	104	.19	.200	13	38	.84	209	.21	4	4.21	.03	.12	6	2	
D1 3+25W	1	215	19	105	.3	29	18	299	4.99	3	< 8	< 2	5	78	.3	< 3	< 3	95	.46	.371	14	37	.77	231	.20	< 3	4.47	.03	.13	6	4	
D1 3+50W	1	322	22	107	< .3	27	26	280	4.87	< 2	< 8	< 2	6	62	< .2	< 3	7	100	.43	.113	20	45	.92	156	.23	4	4.22	.05	.10	8	2	
D1 3+75W	1	467	22	94	.7	41	29	259	4.70	< 2	< 8	< 2	7	91	.3	< 3	< 3	91	.56	.118	22	43	1.08	152	.24	< 3	4.11	.09	.13	6	3	
D1 4+00W	1	1140	5	63	.3	22	33	351	7.39	2	< 8	< 2	4	110	< .2	< 3	< 3	193	.66	.209	15	113	2.68	138	.28	4	5.44	.14	.32	11	4	
D1 4+25W	1	289	25	106	.7	21	35	361	4.23	< 2	< 8	< 2	5	62	< .2	< 3	5	82	.43	.073	23	36	.76	127	.21	6	3.13	.05	.10	3	3	
D1 4+50W	1	283	28	87	.5	28	20	246	4.47	< 2	< 8	< 2	6	64	< .2	< 3	8	80	.41	.112	23	41	.81	127	.22	< 3	3.84	.04	.10	2	3	
D1 4+75W	1	261	22	85	1.0	26	21	183	4.62	< 2	< 8	< 2	7	55	< .2	< 3	9	88	.28	.144	16	38	.78	204	.21	3	4.72	.04	.13	5	1	
D1 5+00W	1	409	43	97	.6	24	22	234	4.80	3	< 8	< 2	8	92	.2	< 3	14	90	.46	.083	26	40	.97	173	.22	3	3.66	.05	.16	5	1	
D1 5+25W	1	189	43	115	.6	21	23	242	4.19	5	< 8	< 2	6	80	.4	< 3	12	86	.54	.060	18	36	.77	192	.19	< 3	4.03	.06	.11	3	1	

TAGNO	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU	AU
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	oz/t
D1 5+50W	1	192	26	82	< 3	16	39	934	4.70	< 2	< 8	< 2	5	72	< 2	< 3	6	117	49	.086	21	38	1.13	120	21	3	3.43	.06	.11	3	3	
D1 5+75W	2	185	25	68	.3	19	14	263	4.82	3	< 8	< 2	8	59	< 2	< 3	9	110	23	.132	20	44	.95	227	21	6	4.19	.04	.20	4	1	
D1 6+00W	1	134	30	79	.3	12	11	321	5.21	5	< 8	< 2	6	53	< 2	< 3	14	109	19	.344	16	37	.78	237	18	< 3	3.01	.03	.13	2	1	
D1 6+25W	1	175	30	79	< 3	19	15	230	4.72	4	< 8	< 2	7	84	.2	< 3	5	102	30	.198	22	36	.90	276	19	5	4.25	.04	.17	3	1	
D1 6+50W	2	198	64	101	1.2	24	20	429	4.60	3	8	< 2	9	140	7	< 3	12	80	38	.122	30	36	.72	392	17	4	5.78	.04	.20	4	2	
D1 6+75W	1	163	47	85	.8	21	13	258	3.96	3	< 8	< 2	9	57	4	< 3	8	89	28	.111	23	37	.75	196	18	< 3	3.65	.03	.14	4	5	
D1 7+00W	1	170	48	87	.9	15	11	331	3.71	3	< 8	< 2	7	54	6	< 3	8	84	29	.069	22	35	.74	186	17	7	3.63	.03	.13	6	2	
D1 7+25W	2	161	55	111	.7	19	12	324	4.14	6	< 8	< 2	7	43	5	< 3	6	88	20	.072	21	35	.74	204	15	4	3.72	.03	.13	6	2	
D1 7+50W	1	59	50	194	.7	22	14	399	3.63	3	< 8	< 2	6	31	1.0	< 3	< 3	83	18	.110	15	30	.61	171	17	< 3	3.60	.02	.12	3	1	
D1 7+75W	1	47	56	181	.4	18	12	238	3.40	4	8	< 2	6	24	4	< 3	6	72	15	.095	14	25	.50	146	15	< 3	4.18	.02	.10	3	3	
D1 8+00W	1	38	53	249	.8	20	12	263	3.48	4	< 8	< 2	6	30	9	< 3	< 3	68	17	.155	16	26	.46	153	16	4	3.86	.02	.11	3	1	
D2 1+75W	2	324	16	98	< 3	26	22	275	4.61	< 2	< 8	< 2	6	49	< 2	< 3	< 3	105	22	.158	13	43	.86	170	22	3	5.11	.03	.11	10	1	
D2 2+00W	2	190	25	99	.4	24	17	307	4.79	< 2	< 8	< 2	6	44	3	3	< 3	116	21	.198	15	44	.92	216	22	7	4.59	.04	.13	9	2	
D2 2+25W	3	532	25	47	< 3	18	10	205	4.54	2	< 8	< 2	10	54	< 2	< 3	< 3	103	22	.142	29	37	.82	157	17	6	3.49	.02	.22	28	6	
D2 2+50W	4	340	25	104	.4	18	17	239	5.32	< 2	< 8	< 2	6	56	3	< 3	5	118	25	.239	20	42	.86	196	21	4	3.82	.04	.14	16	1	
D2 2+75W	2	321	17	83	.3	20	14	281	4.55	2	< 8	< 2	7	45	< 2	< 3	3	106	19	.136	18	43	.91	222	21	< 3	4.15	.02	.14	9	3	
D2 3+00W	3	500	18	110	.5	27	24	268	5.30	< 2	< 8	< 2	4	64	4	< 3	< 3	120	32	.209	14	37	.80	194	20	12	4.23	.04	.14	26	5	
D2 3+25W	1	434	17	86	.9	23	32	191	4.82	3	< 8	< 2	4	42	< 2	< 3	< 3	94	24	.115	23	33	.72	99	24	3	3.43	.03	.09	17	2	
D2 3+50W	1	405	29	110	.3	30	26	221	4.84	2	< 8	< 2	8	94	4	< 3	< 3	109	49	.092	26	46	1.10	233	23	6	4.48	.05	.16	9	< 1	
D2 3+75W	2	493	29	102	< 3	32	20	274	5.64	2	< 8	< 2	7	111	< 2	< 3	< 3	120	51	.172	33	51	1.24	228	22	3	4.08	.05	.20	5	1	
D2 4+00W	1	464	34	168	< 3	41	39	861	5.72	< 2	< 8	< 2	6	97	1.5	< 3	7	113	60	.148	25	48	1.13	204	22	9	3.96	.06	.16	5	< 1	
D2 4+25W	1	648	26	106	.4	41	30	304	5.29	4	< 8	< 2	6	89	5	< 3	6	115	38	.150	20	49	1.26	209	22	6	3.63	.07	.18	4	5	
D2 4+50W	2	383	21	129	.3	39	52	531	5.43	< 2	< 8	< 2	5	115	4	< 3	9	102	56	.110	23	43	1.08	183	22	8	3.73	.09	.15	3	< 1	
D2 4+75W	1	92	24	79	.4	21	16	262	4.12	2	< 8	< 2	5	54	.3	< 3	9	85	31	.089	13	37	.67	177	20	6	3.45	.03	.11	< 2	1	
D2 5+00W	1	161	28	93	.4	31	19	521	4.36	< 2	< 8	< 2	5	118	9	< 3	< 3	85	63	.060	28	53	1.09	173	22	4	3.72	.08	.13	< 2	< 1	
D2 5+25W	2	159	47	92	.9	28	22	925	4.22	< 2	< 8	< 2	5	115	1.3	< 3	6	79	50	.056	35	50	.90	261	17	4	4.04	.07	.14	2	< 1	
D2 5+50W	2	104	27	55	< 3	21	12	165	4.44	2	< 8	< 2	4	45	2	< 3	4	104	20	.072	12	41	.79	144	21	6	4.11	.04	.09	2	< 1	
D2 5+75W	2	119	35	66	.5	16	12	413	4.24	2	< 8	< 2	5	51	6	< 3	3	99	23	.082	15	39	.80	208	20	8	3.90	.04	.11	< 2	1	
D2 6+00W	1	77	41	87	.3	11	13	491	3.88	< 2	< 8	< 2	4	73	5	< 3	< 3	86	45	.122	14	30	.56	212	16	< 3	2.30	.03	.15	< 2	< 1	
D2 6+25W	2	104	49	102	1.1	20	18	485	4.12	3	< 8	< 2	4	91	8	< 3	4	94	55	.070	25	39	.81	161	19	3	3.88	.07	.12	< 2	< 1	
D2 6+50W	2	129	56	103	.5	23	15	241	4.04	3	< 8	< 2	5	63	< 2	< 3	4	90	34	.138	20	36	.74	204	17	5	3.26	.03	.14	2	1	
D2 6+75W	1	33	45	85	< 3	9	9	220	3.37	2	< 8	< 2	2	35	< 2	< 3	< 3	77	22	.133	11	26	.39	139	15	< 3	2.20	.02	.08	3	1	
D2 7+00W	1	82	69	141	< 3	19	13	320	4.12	2	< 8	< 2	6	37	2	< 3	5	96	26	.099	15	34	.67	167	18	6	3.56	.03	.12	4	1	
D3 0+00E	1	213	41	95	< 3	32	26	429	5.26	17	< 8	< 2	5	60	.7	4	6	112	28	.075	14	48	.97	207	23	< 3	3.80	.04	.14	4	2	
D3 0+25E	1	313	62	138	.7	27	50	1321	5.60	14	< 8	< 2	4	77	1.1	3	8	106	41	.173	17	58	1.00	210	22	3	2.78	.06	.16	2	3	
D3 0+50E	1	349	33	97	.4	33	48	405	5.56	13	< 8	< 2	3	80	3	3	8	114	46	.075	15	68	1.22	185	26	< 3	3.29	.05	.11	2	5	
D3 0+75E	1	354	53	122	.3	22	43	1181	5.25	11	< 8	< 2	3	74	.7	3	6	105	38	.097	16	49	1.07	208	21	< 3	2.68	.04	.15	< 2	1	
D3 1+00E	1	742	22	158	.8	37	52	455	6.11	9	< 8	< 2	3	93	6	< 3	12	112	52	.143	13	70	1.32	212	22	< 3	3.44	.04	.15	< 2	2	
D3 1+25E	1	862	49	129	.5	30	30	933	6.04	13	< 8	< 2	4	69	1.2	3	11	112	38	.156	16	67	1.26	267	21	< 3	3.11	.06	.20	3	1	

TAGNO	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU	AU	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	oz/t	
D4 1+00E	1	307	18	68	< 3	40	33	326	6.31	12	< 8	< 2	4	80	.4	5	8	115	.39	.175	11	39	.92	221	.21	3	3.96	.03	.11	3	1		
D4 1+25E	1	331	25	86	.7	20	18	472	5.31	11	< 8	< 2	5	45	< .2	< 3	9	101	.24	.188	17	42	.84	238	.21	< 3	2.89	.02	.14	5	3		
D4 1+50E	1	909	55	103	.7	23	59	917	5.72	10	< 8	< 2	3	65	.8	3	8	99	.34	.116	27	43	1.02	187	.18	3	2.71	.03	.14	8	5		
D4 1+75E	1	628	23	100	< .3	34	32	314	6.27	9	< 8	< 2	4	61	.5	5	5	112	.30	.146	12	39	.95	239	.22	3	4.19	.03	.11	7	1		
D4 2+00E	2	618	22	102	.8	24	18	541	5.49	8	< 8	< 2	6	61	.2	3	6	109	.23	.272	18	43	.95	239	.18	< 3	3.25	.02	.15	26	3		
L160N 1+30E	1	25	23	217	2.5	54	14	1247	3.71	2	< 8	< 2	< 2	71	3.7	< 3	< 3	97	.69	.336	33	77	1.53	77	.06	< 3	3.76	< .01	.14	< 2	1		
L160N 1+40E	< 1	26	30	288	6.9	66	11	1600	3.34	17	< 8	< 2	< 2	126	6.4	7	< 3	102	1.50	.403	34	77	1.99	120	.04	< 3	3.19	.02	.17	< 2	1		
L160N 1+50E	2	43	106	188	4.1	76	16	682	5.34	67	< 8	< 2	< 2	28	1.2	3	< 3	130	.31	.173	19	150	2.17	116	.11	< 3	3.09	< .01	.14	< 2	92		
L160N 1+60E	2	41	43	108	5.1	50	16	699	5.62	25	< 8	< 2	< 2	21	9	4	< 3	149	.16	.157	17	127	1.57	221	.16	< 3	2.74	< .01	.14	< 2	17		
L160N 1+70E	2	44	18	49	1.8	34	11	291	5.80	11	10	< 2	2	13	.6	4	3	165	.07	.104	9	107	.69	142	.15	< 3	1.89	< .01	.09	< 2	3		
L250N 0+10W	1	22	21	72	2.3	23	4	353	1.74	33	< 8	< 2	< 2	65	1.0	< 3	4	38	.91	.114	17	63	.33	53	.16	< 3	4.38	.05	.04	< 2	5		
L250N 0+15E	1	30	56	281	2.1	75	15	859	5.69	49	< 8	< 2	2	26	2.6	3	< 3	128	.38	.599	17	130	2.02	175	.11	< 3	3.10	< .01	.13	< 2	6		
L250N 0+35E	3	44	29	75	2.7	22	9	663	6.32	10	< 8	< 2	2	14	1.1	3	< 3	155	.17	.455	9	103	.43	80	.14	< 3	1.78	< .01	.05	< 2	< 1		
L50N 1+50E	< 1	19	27	162	2.8	45	8	544	2.13	5	< 8	< 2	< 2	18	3.0	< 3	< 3	97	.48	.273	15	73	1.89	113	.06	< 3	4.17	< .01	.06	< 2	1		
L50N 1+60E	1	19	22	147	2.0	35	5	214	2.00	2	< 8	< 2	< 2	13	2.3	< 3	< 3	79	.39	.174	10	69	1.82	77	.07	< 3	3.04	< .01	.05	< 2	< 1		
L50N 1+70E	2	72	31	118	1.7	72	27	863	5.79	20	< 8	< 2	< 2	24	.8	3	< 3	155	.34	.108	14	123	2.61	126	.09	< 3	3.82	< .01	.07	< 2	6		
R 1+50E	< 1	18	79	204	4.0	61	7	586	1.92	6	< 8	< 2	2	30	5.3	< 3	4	79	1.11	.251	31	78	2.45	142	.08	< 3	3.29	< .01	.15	< 2	1		
R 1+60E	< 1	34	11	132	1.8	68	6	183	1.71	< 2	< 8	< 2	4	19	1.6	< 3	< 3	64	.93	.205	11	110	3.32	121	.12	< 3	2.75	< .01	.07	< 2	< 1		
R 1+70E	< 1	15	25	199	.9	50	7	206	2.03	< 2	< 8	< 2	< 2	11	2.8	< 3	3	69	.35	.152	11	81	1.82	103	.11	< 3	4.04	< .01	.04	< 2	< 1		
R 1+80E	3	14	21	69	2.5	9	3	239	4.16	3	< 8	< 2	4	6	1.2	< 3	3	44	.06	.137	9	25	.15	51	.13	< 3	5.98	.01	.03	< 2	2		
R 1+90E	5	15	31	98	4.6	42	11	2586	6.46	45	< 8	< 2	2	41	2.2	< 3	< 3	78	.34	.169	25	47	.45	161	.08	< 3	3.67	.01	.05	< 2	8		
R 2+00E	1	21	14	75	2.1	22	17	438	3.95	7	< 8	< 2	2	13	.6	< 3	< 3	87	.11	.108	12	117	1.24	104	.21	< 3	4.74	.01	.05	< 2	32		
RE 2+50N 0+00	1	28	35	133	4.2	27	9	528	3.29	17	< 8	< 2	2	22	1.5	< 3	< 3	59	.20	.112	20	56	.60	79	.09	< 3	3.97	.02	.07	< 2	8		
RE 3+50E 0+50N	< 1	21	21	115	< .3	30	10	238	2.64	4	< 5	< 2	7	25	.4	< 2	< 2	50	.32	.144	17	32	.55	189	.10	< 3	2.58	.02	.18	2	0		
RE B 1+20N 1+50E	8	24	86	229	7.3	61	23	1550	7.45	189	< 5	< 2	< 2	21	2.0	< 2	< 2	83	.17	.234	13	69	1.16	66	.06	< 3	2.97	.01	.07	< 2	740		
RE B 51815	1	10	21	92	1.2	21	3	203	.62	14	< 5	< 2	3	687	5.1	2	4	28	25.00	.235	8	19	.77	70	.01	< 3	.43	.01	.10	< 2	5		
RE B 51828	< 1	78	16	87	.3	174	37	1045	5.82	4	< 5	< 2	7	320	.7	2	2	139	3.30	.419	75	161	4.71	1660	.25	3	2.71	.11	1.37	2	5		
RE B 51848	2	43	6	11	1.1	3	8	324	1.62	7	< 8	< 2	3	18	< .2	< 3	< 3	7	.13	.052	10	12	.09	64	.01	4	.45	.04	.22	4	1250		
RE D 90262	11	21	15052	11186	57.3	8	5	124	35.85	272	< 8	< 2	< 2	70	25.3	95	< 3	52	1.29	1.330	1	40	.04	36	< .01	5	.09	< .01	.01	< 2	46		
RE D 90273	5	110	16929	35764	35.7	5	< 1	1068	.96	605	20	< 2	< 2	167	397.4	2773	< 3	9	14.72	.071	3	3	7.35	22	< .01	< 3	.05	< .01	.03	2	760		
RE D 90279	< 1	3	6	17	< .3	3	3	377	1.50	< 2	8	< 2	2	44	.2	< 3	< 3	10	.37	.068	7	6	.19	120	.05	< 3	.73	.05	.40	2	0		
RE D 90283	1	15	23	21	1.2	8	3	1117	1.80	10	< 8	6	2	296	< .2	< 3	61	2	28.57	.096	11	8	.47	9	< .01	< 3	.48	.01	.04	< 2	0		
RE D 90284																																	0.014
RE D 90368	2	1664	17003	75609	83.7	6	17	5958	13.12	724	< 8	< 2	2	20	523.4	41	8	5	.14	.048	1	38	.06	5	< .01	< 3	.25	.01	.01	< 2	20		
RE D 90380	< 1	< 1	3	17	< .3	1	< 1	2133	.39	17	< 8	< 2	< 2	2607	.2	< 3	< 3	2	37.9	.015	1	2	.26	13	< .01	< 3	.06	< .01	.01	< 2	< 1		
RE D 90490	< 1	46	< 3	59	.5	57	28	777	4.78	5	< 8	< 2	< 2	101	.8	< 3	< 3	137	1.26	.258	26	237	4.03	711	.27	10	3.24	.03	.65	< 2	1		
RE D 90495	6	829	< 3	12	.6	37	49	252	9.87	< 2	< 8	< 2	< 2	75	.3	< 3	21	168	.88	.128	10	45	1.99	52	.24	7	1.99	.18	1.37	5	5		
RE D1 7+75W	1	48	60	183	.5	21	13	242	3.48	6	< 8	< 2	7	23	.6	< 3	4	74	.14	.097	15	27	.51	155	.15	7	4.21	.02	.11	3	10		
RE D2 6+25W	2	104	75	108	1.1	19	18	474	4.13	6	9	< 2	3	91	.6	3	< 3	94	.55	.070	24	37	.81	162	.19	< 3	3.92	.08	.12	2	< 1		



TAGNO	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU	AU
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	oz/t
RE D3 1+25E	< 1	842	51	128	.6	29	30	897	6.00	10	< 8	< 2	4	67	1.1	3	11	112	37	.152	14	67	1.25	258	.21	< 3	3.05	.06	.19	4	2	
RE L50N 1+60E	1	20	23	153	1.9	36	5	217	2.07	5	< 8	< 2	< 2	13	2.4	5	< 3	81	40	.181	10	72	1.88	79	.08	< 3	3.14	< .01	.05	< 2	< 1	
STANDARD C	27	67	39	173	5.4	37	13	786	3.59	57	22	< 2	19	31	24.1	21	27	84	62	.090	20	180	67	162	.11	19	1.9	.04	.17	21	443	
STANDARD C3/AU-R	26	65	38	169	5.7	36	13	748	3.61	57	19	2	19	31	24.6	18	27	81	61	.091	19	172	66	146	.10	21	1.99	.04	.17	18	466	
STANDARD C3/AU-R	25	64	39	163	5.5	35	12	705	3.27	54	15	3	19	29	23.0	15	22	80	56	.085	17	162	63	142	.10	20	1.86	.04	.16	24	483	
STANDARD C3/AU-R	25	62	40	151	5.5	36	12	755	3.42	54	22	3	18	28	22.0	16	21	77	56	.088	19	159	64	151	.09	21	1.91	.04	.16	24	477	
STANDARD C3/AU-R	28	73	39	167	5.9	40	13	793	3.56	58	17	3	20	32	25.3	21	20	88	68	.091	20	185	64	159	.09	25	1.99	.04	.17	19	510	
STANDARD C3/AU-R	26	66	33	166	5.8	37	12	734	3.34	54	20	4	18	30	23.5	17	24	83	59	.084	17	169	57	149	.10	23	1.85	.04	.16	21	523	
STANDARD C3/AU-R	25	66	38	165	5.7	37	12	779	3.46	59	20	3	19	31	24.0	17	23	82	60	.092	20	169	64	155	.10	20	1.96	.04	.18	18	461	
STANDARD C3/AU-S	24	63	36	149	5.1	35	12	714	3.32	51	20	3	18	29	21.9	15	15	80	58	.090	19	166	63	138	.09	18	1.92	.04	.16	21	45	
STANDARD C3/AU-S	26	63	32	160	5.4	36	12	722	3.41	53	23	< 2	19	30	23.0	16	18	87	59	.086	19	173	61	156	.11	23	1.94	.04	.17	21	45	
STANDARD C3/AU-S	28	62	42	170	5.9	37	13	775	3.66	55	24	3	21	33	23.9	19	22	94	63	.090	21	187	65	161	.11	27	2.03	.04	.18	18	45	
STANDARD C3/AU-S	26	65	36	148	6.2	38	12	750	3.48	48	21	2	18	31	23.6	11	23	89	60	.091	20	178	62	156	.11	20	2.06	.03	.18	18	45	
STANDARD C3/AU-S	25	63	34	154	5.3	36	12	723	3.37	55	21	< 2	16	27	21.7	15	21	79	56	.085	17	169	57	151	.10	19	1.75	.03	.14	22	51	
STANDARD G	2	2	< 3	49	< .3	8	5	584	2.17	2	9	< 2	3	73	< .2	< 3	< 3	44	66	.083	8	80	.70	255	.15	< 3	1.0	.06	.51	< 2	1	
STANDARD G-1	2	4	< 3	50	< .3	9	5	583	2.18	< 2	< 8	< 2	3	69	< .2	< 3	< 3	44	61	.076	6	90	.65	269	.16	< 3	1.04	.08	.53	< 2	2	
STANDARD G-1	1	3	5	37	< .3	7	4	471	1.92	3	< 8	< 2	4	65	< .2	< 3	< 3	40	60	.085	8	63	.55	230	.13	< 3	.87	.07	.42	4	< 1	
STANDARD G-1	2	3	5	50	< .3	10	5	619	2.23	< 2	< 8	< 2	4	82	.2	5	< 3	45	68	.084	9	117	.70	273	.16	< 3	1.15	.08	.54	< 2	14	

A	FILENAME	Z	UTME1	UTMN1	ELEV1	UTME2	UTMN2	ELEV2	PRJ	LOCATION
R	022320A	11	502388	5510928					SH	START CURRIE ROAD
R	022320B	11	502388	5510928		502457	5510818		SH	ROAD TO CURRIE SHAFT
R	022320C	11	502388	5510928		502457	5510818		SH	ROAD TO CURRIE SHAFT
R	022321A	11	502288	5510924					SH	CURRIE ADIT
R	041319A	11							NO	NEW NOMAN ROADS; SHAFT PROPERTY
R	041319B	11							NO	NEW NOMAN ROADS; SHAFT PROPERTY
R	041319C	11							NO	NEW NOMAN ROADS; SHAFT PROPERTY
R	041320A	11							NO	NEW NOMAN ROADS; SHAFT PROPERTY
R	041320B	11							NO	NEW NOMAN ROADS; SHAFT PROPERTY
R	041320C	11							NO	NEW NOMAN ROADS; SHAFT PROPERTY
R	041321A	11							NO	NEW NOMAN ROADS; SHAFT PROPERTY
R	060122A	11	487535	5462609		486877	5463116		FAR	FARNHAM ACCESS ROAD; SHAFT TO TRENCH
R	060122B	11	487004	5462873		487336	5463028		FAR	FARNHAM ACCESS ROAD; NORTH SPUR
R	060123A	11	487337	5463006		487307	5462956		FAR	ACCESS ROAD; FROM N. SPUR
R	060123B	11	486888	5463113	1365				FAR	TRENCH SAMPLED IN 1994
R	060123C	11	486577	5463023	1262				FAR	ROAD - WEST END AT ADIT DUMP
R	060123D	11							FAR	ACCESS ROAD
R	060123E	11							FAR	ACCESS ROAD
R	060123F	11							FAR	ACCESS ROAD
R	060819B	11	471449	5456434	957				CK	ADIT DUMP SAMPLE B51818
R	060820A	11	471335	5456431	1007				CK	ADIT DUMP SAMPLE B90470
R	060820B	11	471278	5456395	1051				CK	SAMPLE 51819 AT PIT ~325M W OF DDH
R	060821A	11	471093	5456747					CK	SAMPLE B51822
R	060900A	11							CK	ROUTE BACK TO ROAD
R	060900B	11							CK	ROUTE BACK TO ROAD
R	060901A	11							CK	MAIN ROAD
R	061518A	11	504789	5512742	1024				SH	ON LOG LANDING W OF N BUCKEYE SHOWING
R	061703A	11	457861	5609660	1377	458521	5610592	945	CCM	ON ROAD ~25M SE OF IP CCM1,2
R	061704A	11	457861	5609662	1371	458521	5610592	945	CCM	ON ROAD ~25M SE OF IP CCM1,2
R	061715A	11	457346	5610246	1244				CCM	LUCKY BOY DUMP IS ~20M UP HILL
R	061715B	11	458519	5610587	910				CCM	OLD LCP NEAR CCM ADIT
R	070802A	11	489568	5458655	1287				OX	APPROX. - NO BASE STN DATA
R	070802B	11	489677	5458608					OX	LCP APPROX. - NO BASE STN DATA
R	070802C	11	489513	5458726	1458				OX	ROAD JCN APPROX
R	070802D	11							OX	ACCESS ROAD

Geological Survey Branch  
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A	FILENAME	Z	UTME1	UTMN1	ELEV1	UTME2	UTMN2	ELEV2	PRJ	LOCATION
R	071821A	11	458519	5610584	954				CCM	OLD LCP NEAR CCM ADIT
R	071822A	11	458403	5610595	945				CCM	ENTRANCE TO CCM CROSSCUT WHERE COLLARED IN F
R	071823A	11	457848	5609696	1360				CCM	IP CCM 1 & CCM 2
R	071823B	11	457837	5609667	1365				CCM	ON ROAD AND ~20M S25W OF R071823A
R	071700A	11	457352	5610247	1250	457824	5609695	1364	CCM	ACCESS ROAD
R	071701A	11	458516	5610579	952	458439	5610477	976	CCM	ACCESS ROAD
R	071701B	11	458531	5610572	944	458992	5610493	903	CCM	ACCESS ROAD
R	071701C	11	459004	5610477	903				CCM	POST 1W, ANNE 1 & POST FOR 2-POST CLAIM
R	071701D	11	459483	5610297	856				CCM	POST 2E 0N, ANNE 1 CLAIM
R	071821A	11	458539	5610622					CCM	DUMP PILES
R	072019A	11	471174	5457223		471648	5456549		CK	BRIDGE TO BRIDGE
R	072019B	11	471200	5457151					CK	START 1994 RECCE LINE ON ROAD
R	072019C	11	471573	5456470		471576	5456398		CK	ROAD TO MOST SW DRILL SITE
R	072019D	11	471575	5456397		471552	5456396		CK	DRILL SITE TO START RECCE LINE TO SOUTH ADITS
R	072019E	11	471448	5456443					CK	ADIT DUMP SAMPLE B51818
R	072022A	11	471271	5456384					CK	ON CLAIM LINE 20M WEST OF SMALL PIT WITH CU
R	072022B	11	471252	5456426					CK	FP CK1,2 & IP CK3,4
R	072022C	11	471176	5456647					CK	ON CLAIM LINE
R	072100A	11	471037	5456882					CK	FP CK3,4 & IP CK5,6
R	072117A	11	470786	5457026					CK	COPPER KING ADIT
R	080822A	11	489229	5458745	1399				OX	SAMPLE B51837
R	080823A	11	489268	5458733	1414				OX	O/C SAMPLE 51838-39
R	080823B	11	489268	5458801	1433				OX	O/C SAMPLE 51840 PHYLLITE STR 10, DIP STEEP
R	080900A	11	489264	5458679	1397				OX	RUSTY RUBBLE (Po) ON ROAD
R	080901A	11	489711	5459129	1546				OX	COMET ADIT DUMP
R	081620A	11	477659	5476212	1491				GW	SAMPLE 51843 IS 5M N30E
R	081621A	11	477679	5476226	1512				GW	SAMPLE 51844 JSKI +PY
R	081622A	11	477626	5476163	1493				GW	DDH COLLAR@60 DEG EAST
R	081622B	11	477715	5476098	1518				GW	SAMPLE 51848 OLD PIT JSKI RUBBLE
R	081622C	11	477724	5476083	1532				GW	SAMPLE 51849-50 CAVED ADIT
R	081623A	11	477682	5476069	1516				GW	SAMPLE 90251 IS ~15M EAST
R	090719A	11	502347	5511244	1449				SH	~5M WEST OF SAMPLE D90268
R	090720A	11	502305	5511242					SH	LS SAMPLE D90269
R	090720B	11	502272	5511236					SH	LS + DISSEM Py SAMPLE D90270
R	090720C	11	502240	5511243					SH	SAMPLE D90271
R	090721A	11	502229	5511250					SH	LS OUTCROP

A	FILENAME	Z	UTME1	UTMN1	ELEV1	UTME2	UTMN2	ELEV2	PRJ	LOCATION
R	090721B	11	502220	5511289		502558	5511548		SH	OLD ROAD W TO E ALONG N SIDE CEDAR CREEK
R	091320A	11	471168	5456831	993				CK	ON OLD RD & ~20M N05W OF DDH (NO BASE)
R	091323A	11	470961	5456822					CK	AT LINE D1 - 6+00W
R	092023A	11	477646	5476253	1501				GW	SAMPLE D90276
R	092023B	11	477694	5476267	1517				GW	SAMPLE D90277
R	092023C	11	477715	5476285	1538				GW	WEST EDGE OF NEW LOGGING
R	092023D	11	477723	5476346	1549				GW	WEST EDGE OF NEW LOGGING
R	092023E	11	477717	5476360	1545				GW	SAMPLE D90278
R	092023F	11	477683	5476347	1524				GW	SAMPLE D90279
R	092100A	11	477571	5476191	1448	477527	5476096	1430	GW	PORTION OF ACCESS ROAD END AT JUNCTION
R	092623B	11	488128	5611325	1358				RE	CREEK CROSSING
R	092700A	11	488288	5611230	1378	488325	5611233	1382	RE	PART OF ROAD SOUTH OF CREEK CROSSING
R	092718A	11	488232	5611400	1362	488474	5612210	1382	RE	FROM WEST ALONG RD TO SHOWING
R	092719A	11	488475	5612213	1383				RE	SAMPLE D90281 PIT BELOW & AT END OF UPPER RD
R	092720A	11	488459	5612245	1388				RE	NW OF D90281 LS IN CREEK
R	092721A	11	488528	5612223	1346				RE	~10M NORTH OF RED ELEPHANT ADIT
R	092722A	11	488527	5612215	1348				RE	RED ELEPHANT ADIT
R	092722B	11	488526	5612220	1351	488524	5612106	1339	RE	ROAD GOING SOUTH FROM RE ADIT
R	092722C	11	488420	5612122	1420				RE	ON ROAD
R	092723B	11	488376	5611896	1423	488131	5611327	1351	RE	UPPER ROAD
R	100519A	11	502391	5510758	1675				SH	2+00S 0+50E ON NEW LINE
R	100519B	11	502443	5510878	1630				SH	CURRIE SHAFT
R	100521A	11	502392	5510999	1551				SH	~3M W OF SH1+25N IN HAND TRENCH
R	102420A	11	489807	5463154	1063	489866	5463182	1065	RO	ROAD - TRAILER TO ADIT
R	102420B	11	489866	5463182	1066				RO	STERLING X-CUT
R	102421A	11	489591	5462839	952	489861	5463181	1066	RO	ROAD TO STERLING X-CUT
R	102421B	11	489590	5462840	951				RO	CREEK ON MAIN ROAD AT STERLING CLAIM
R	102421C	11	488850	5462716	940	489589	5462838	956	RO	RONOKE JCN & ALONG RD TO EAST
R	102421E	11	487925	5462716	905	488851	5462716	938	RO	BRIDGE TO CREEK ALONG ROAD
R	102422A	11	487011	5462828	1160				FA	ON RD PHYLLITE STR N25E DIP 80
R	102422B	11	487011	5462828	1160	487033	5462831	1156	FA	ALONG RD
R	102422C	11	487036	5462833	1158				FA	SAMPLE QTZ+INTRUSIVE
R	102422D	11	487037	5462836	1158	487045	5462838	1153	FA	FOLLOW RD TO R102422E
R	102422E	11	487044	5462838	1156				FA	QTZ PODS STR N40E DIP?
R	102422F	11	487045	5462835	1155	487111	5462864	1143	FA	ALONG ROAD
R	102422G	11	487113	5462864	1145				FA	SMALL PIT? ABOVE RD

A	FILENAME	Z	UTME1	UTMN1	ELEV1	UTME2	UTMN2	ELEV2	PRJ	LOCATION
R	102422H	11	487113	5462863	1145	487129	5462870	1145	FA	ALONG RD
R	102422I	11	487130	5462870	1145				FA	SAMPLE D90353 RUSTY BROWN PHYLLITE
R	102521A	11	471054	5458698	1114				CK	MOST WEST CENTRAL PIT
R	102523A	11	471132	5458694	1063				CK	CU IN O/C JUST WEST OF CLAIM LINE
R	111522A	11	481261	5435458	663				CAR	SAMPLE D90357 Py BANDS IN LS
R	111523A	11	481167	5435536	628				CAR	MINOR PY IN LS ALONG CREEK SAMPLE 90363
R	112221A	11	504852	5512768	1022				SH	PIT WITH HI-GRADE BOULDER ON RIDGE
R	112222A	11	504855	5512081	1057				SH	BUCKEYE ZONE OLD CAVED ADIT N OF SBACK
R	112222B	11	504865	5512098	1044	504834	5512162	1050	SH	ALONG OLD TRAIL TO PITS
R	112222C	11	504830	5512163	1046				SH	SAMPLE D90368
R	112222D	11	504829	5512187	1053				SH	NORTH BUCKEYE ZONE SAMPLES D90366-67
R	112223A	11	504859	5511854	1066				SH	~10M E OF BUCKEYE ADIT ENTRANCE
R	112223B	11	504860	5511660	1062	504898	5511685	1054	SH	OLD ROAD TO BUCKEYE ADIT
R	112223C	11	503870	5509832	1304	503849	5509870	1305	SH	ROAD TO NO.1 ADIT ENTRANCE
R	112223D	11	503859	5509840	1314	503908	5509879	1288	SH	ROAD TO NO.1 ADIT ENTRANCE
R	112319A	11	503831	5509827	1305	503831	5509821		SH	~5M EAST OF NO.1 ADIT ENTRANCE
R	112320A	11	503597	5509624	1404	503597	5509627		SH	OLD PIT TO SW OF NEW NO.1 TRENCHES