

LOG NO: 1018

RD.

ACTION:

FILE NO:

Prospectors Report on 1987-1988
Geochemical Reconnaissance

Geochemical Survey
Cathy - J Group

Cathy - J #1 & 2 Mineral Claims

Far Mtn/Rainbow Lake Area

Cariboo Mining Division

NTS 93C 14 W

FILMED

Dates Worked: July 3rd - 13th
Longitude 125° 26'W Latitude 52° 49'N

By: David H. Rozek (owner/operator)
9392 N. Kelly Road
Prince George, B.C.
V2K 2X3

G E O L O G I C A L B R A N C H
A S S E S S M E N T R E P O R T

17,828

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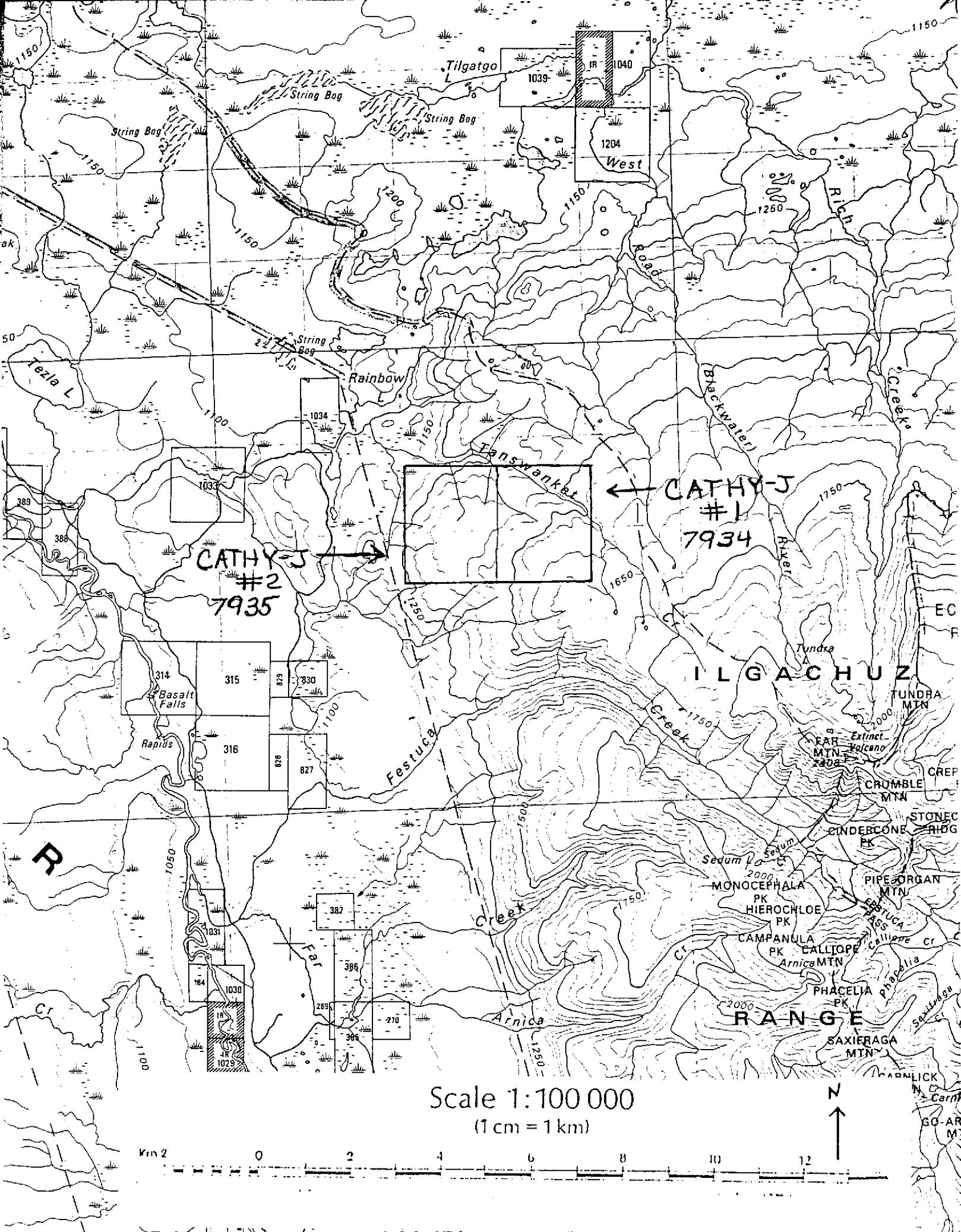
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Addendum - Sample Analysis Reports and Geochem Map

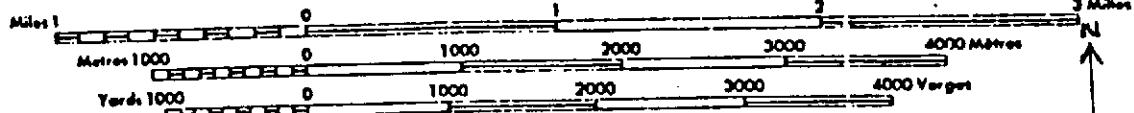


PROPERTY LOCATION MAP

Map 1:100	Scale	26 W.M.
Prepared by Drawn by	Date Revised	N.T.S. MAP AREA
		DRAWING NO.



Scale 1:50,000 Echelle



CP

60

* 33

34

35

36

* 37

38

39

40

41

42

55

1034

BK

Rainbow
Lake

F R A

CATHY-J
#2 7935

CATHY-J
#Y 7934

Tundra
Lake

Pestuga

4200

3400

30
327

Introduction:

Interest in the regional geology of the Rainbow Lake/Far Mountain area was first brought to my attention in 1965 by an assistant guide outfitter from Anahim Lake, B.C. Having guided a geologist from the United States, this individual indicated the possible presence of Cu/Au values on the NW flank of Far Mountain. With the staking of the Ilga Mineral claims by Kerr-Addison in May 1963, attention was again focused on this area. After preliminary reconnaissance in 1984 and 1985, the Cathy-J #1&2 claims were staked on July 23 and 24, 1986.

Location and Access:

The Cathy - J #1&2 mineral claims, consisting of 20 units each, are located on the northwest flank of Far Mountain approximately 40 miles north of Anahim Lake, B.C. which is 198 miles west of Williams Lake, B.C. Location on NTS Map 93C14W is 52°49'N latitude, 125°26'W longitude.

Access to the Cathy-J properties is by float plane to Rainbow Lake which lies approximately 1500 metres north west of the NW corner of the Cathy-J #2 claim. Alternately, access is by 4-wheel drive approximately 40 miles on the Dean River Road to the west shore of Rainbow Lake; then by boat across the lake. Swamp terrain around the lakeshore makes vehicle access to the property presently impossible.

The nearest helicopter service is from Burns Lake (Alpine Helicopters), Prince George (Northern Mountain, and Okanagan) and/or Quesnel, B.C.

Physiography:

The claims area is situated on the northwestern slope of Far Mountain approximately 1,500 metres south east of Rainbow Lake. Elevation of claims is between 1,250 metres and 1,650 metres. The area is generally covered by wet coniferous forests; mature spruce and balsam at the lower elevations, narrow wet meadows at mid elevations and sub-alpine forests at the higher elevations. Pine stands cover the drier exposed ridges. Ground cover consists of heavy sphagnum moss in wet areas, reindeer lichen in the drier areas. Glacial till covers the entire area, but is generally shallow. Outcrop is very extensive, especially along watercourses.

Regional Geology:

Far Mountain at the northern extremity of the Ilgatchuz Range is a late Tertiary shield volcano of the east trending Anahim Volcanic Belt. As a result of primary magmatic activity, the lower elevations are composed of visicular and amygdaloidal andesite and basalt. Secondary eruptions produced a large cap of dacite, basalt, andesite, obsidian and rhyolite - particularly along the north flowing Rich Creek drainage.

Unfortunately these upper elevations seem devoid of any commercial mineralization. No anomalous regions have been discovered.

On the northwest flank of Far Mountain, at elevations below 1,500 metres, the Tertiary volcanic activity did not cover the exposed Jurassic geology. Thus the claims area is predominantly diorite, chlorite schist, grandiorite and porphyritic quartz monzonite. Quartz intrusives through out the schist vary from 0.5 cm to 1.0 cm in width, generally lying along the schist's cleavage planes. In the northern one half of the claims area, large white quartz blocks, up to one metre cubed are scattered along the major watercourse; but no quartz outcrops have been found in this area large enough to parent these quartz pieces. In the southern one half of the claims area, quartz comprises 30 to 35 % of the groundmass. Much folding and pyritic degeneration (weathering) is evident in this area.

Geochemical:

Eleven days were spent in 1988 geochem sampling. Soils were taken at the B horizon which varied from 12-24 inches deep. Rock samples were grab samples in the northern claims area, except along northern boundry where explosives were used to get to bedrock. Approximately 50% float and 50% bedrock sampling were taken in the southern claims area.

In rocks Cu values ranged from 2 ppm to 17,000 ppm; Zn values from 50 ppm to 1,360ppm; Pb from 4 ppm to 2,700 ppm. Ag was from 0.2 to 42ppm; Au from 5 ppb to 1,775 ppb. Soil values were generally much lower. It appears all mineralization is associated with the quartz intrusives.

Conclusions:

Further soil and rock geochemical sampling should be carried out to identify the source of mineralization. Preliminary results indicate concentrating in an area at approximately 1250 M south along the Cathy-J 1 & 2 boundry in common. Further investigation should also center along the southern boundries along the horsetrail where exposed quartz is visable.

Qualifications:

1. One year college general geology course at Potsdam, N.Y., USA.
2. Two years field work under the direction of Mr. Michael Smith, geologist for B.P.-Selco, assistant to Dr. Stan Hoffman on the Gran 5,6,7 and Laid claims in the "Capoose" Fawnee Mountain area.
3. Present prospecting and field work done under self direction with sample analysis and advice from Mr. Ronald G. McArthur, District Geologist, Noranda Exploration, 1750 Quinn St., Prince George, B.C.

David H. Rozek

STATEMENT OF COSTS

Wages:

11 days (July 3rd - 13th) @ 125\$/day \$1375.00

Transportation:

Toyota 4 x 4 Prince George to Top Lake	65.00
Airflight - Top Lake to Rainbow Lake	250.00
Return trip	200.00

Food:

15.00/day X 11 days	165.00
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Explosives: 200.00

Misc: (Flagging, Topofil, etc.) 25.00

Analysis:

138 samples X 12.00	1656.00
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Assessment Report Preparation 200.00

\$4136.00

PLACER DOME INC (VANCOUVER LABORATORY)

GEOCHEMICAL DATA LISTING: BC GEN EXPL CATHY J

PDL lab data file: P8231
 AREA: CATHY J
 MAPSHEET NO: 93C14W
 VENTURE: BC GEN EXPL
 GEOLOGIST: E KIMURA
 LAB PROJECT NO: 8231

PLEASE DISTRIBUTE RESULTS TO: EK DR LR MG RH LAB

REMARKS:

"AU1 RESULTS REPORTED IN PPB"

"COPY OF RESULTS TO D ROZEK; 9392 N KELLY ROAD; PRINCE GEORGE BC V2K 2X3"

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
 ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
 ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
 SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
MO	PPM	0.5	HClO ₄ /HNO ₃	4HRS	1-1000	ATOMIC ABSORPTION
CU	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-4000	ATOMIC ABSORPTION
ZN	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-3000	ATOMIC ABSORPTION
PB	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-3000	A.A. BACKGROUND COR.
CD	PPM	0.5	HClO ₄ /HNO ₃	4HRS	0.2-200	A.A. BACKGROUND COR.
NI	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-2000	ATOMIC ABSORPTION
CO	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-2000	ATOMIC ABSORPTION
AG	PPM	0.5	HClO ₄ /HNO ₃	4HRS	0.2-20	A.A. BACKGROUND COR
AU	PPM	10.0	AQUA REGIA	3HRS	0.01-4.00	A.A. SOLVENT EXTRACT.
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
U	PPM	0.25	DIL HNO ₃	2HRS	1.0-1000	FLUORIMETRY SOLV. EX.
V	PPM	0.5	HF/HClO ₄ /HNO ₃ /HCl	6HRS	5-1000	ATOMIC ABSORPTION
W	PPM	0.5	HClO ₄ /H ₃ PO ₄	2HRS	2-1000	DC PLASMA
F	PPM	0.25	Na ₂ CO ₃ /KNO ₃ FUSION	30MIN	40-4000	SPECIFIC ION ELECTRODE
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
SB	PPM	0.5	HCl/HNO ₃	3HRS	2-2000	DC PLASMA
BI	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-2000	A.A. BACKGROUND COR.
MN	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-2000	ATOMIC ABSORPTION
FE	%	0.5	HF/HClO ₄ /HNO ₃ /HCl	6HRS	0.02-20%	DC PLASMA
HG	PPB	0.25	DIL HNO ₃ /HCl	2HRS	5-2000PPB	A.A. COLD VAPOR GEN.
BA	%	0.25	HF/HI/OXALIC	4HRS	0.02-20%	ATOMIC ABSORPTION
NA	%	0.5	HF/HClO ₄ /HNO ₃ /HCl	6HRS	0.2 -20%	DC PLASMA
K	%	0.5	HF/HClO ₄ /HNO ₃ /HCl	6HRS	0.2 -20%	DC PLASMA
CA	%	0.5	HF/HClO ₄ /HNO ₃ /HCl	6HRS	0.02-20%	DC PLASMA
SR	PPM	0.5	HF/HClO ₄ /HNO ₃ /HCl	6HRS	10-2000	DC PLASMA
MG	%	0.5	HF/HClO ₄ /HNO ₃ /HCl	6HRS	0.2-20%	DC PLASMA
SN	PPM	1.0	NH ₄ I FUSION	15MIN	5-500	A.A. SOLVENT EXTRACT.
PT	PPB	25.0	FIRE ASSAY	45MIN	DL 10PPB	DC PLASMA
PD	PPB	25.0	FIRE ASSAY	45MIN	DL 5PPB	DC PLASMA
LOI	%	1.0	ASH 600 DEG C	2HRS	0.02-99%	WEIGH RESIDUE

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM BC GEN EXPL CATHY J

GRID	SAMPLE	PROJECT	CU	ZN	PB	AG	AU1
93C14W	54	8231	3	88	10	<0.2	<5
93C14W	8830	8231	9	26	8	<0.2	<5
93C14W	88100	8231	4	187	22	<0.2	5
93C14W	88102	8231	53	153	18	<0.2	<5
93C14W	88103	8231	103	61	7	<0.2	<5
93C14W	88104	8231	31	75	20	<0.2	<5
93C14W	88106	8231	160	67	10	<0.2	<5
93C14W	88108	8231	24	44	4	<0.2	<5
93C14W	88110	8231	4	45	20	<0.2	<5
93C14W	88110*	8231	4	44	18	<0.2	<5
93C14W	88111	8231	980	20	20	22	45
93C14W	88112	8231	22	76	42	<0.2	20
93C14W	88113	8231	67	40	15	<0.2	<5
93C14W	88114A	8231	21	110	8	<0.2	5
93C14W	88114B	8231	17	40	36	<0.2	15
93C14W	88115	8231	34	73	23	<0.2	10 - 9950 IV X 6500
93C14W	88119	8231	94	12	92	6.0	<5
93C14W	88120	8231	<2	92	18	<0.2	<5
93C14W	R 88121	8231	0.80%	8	3	26	40
test	STD P		8231	130	100	108	1.3
93C14W		88131	8231	4	30	12	<0.2
93C14W	R	88132	8231	1.70%	15	5	42
93C14W	R	88133	8231	0.47%	10	6	12
93C14W		88134	8231	23	11	11	<0.2
93C14W		88135	8231	10	52	4	<0.2
93C14W		88152	8231	14	71	6	<0.2
93C14W		88155	8231	68	10	7	<0.2
93C14W		88300	8231	127	35	8	<0.2
93C14W		88301	8231	4	11	8	<0.2
93C14W		88301*	8231	2	10	8	<0.2
93C14W		88302	8231	530	40	21	10
93C14W		88304	8231	23	108	9	<0.2
93C14W	R	88305	8231	450	740	1260	6.0
93C14W	R	88306	8231	44	45	105	1.2
93C14W	R	88307	8231	1000	1360	0.27%	14 1775
93C14W		88118	8231	16	190	19	<0.2
test	STD P		8231	125	95	100	1.3
test	STD AU		8231				250
test	STD AG		8231				51
test	STD CY		8231	0.40%			
test	STD PB-ZN		8231		0.88%		

END OF LISTING - 41 RECORDS PRINTED
 GCLIST RUN AT: 15:32:44

PLACER DEVELOPMENT LIMITED: GEOCHEM ASSAY SYSTEM

8231

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
CU	0	1	0	3	0	33.
PB	0	0	0	1	0	33
AG	0	24	0	0	0	33
AU1	0	21	0	0	0	33

8 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: BC GEN EXPL CATHY J

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	33	0	93C14W	93C14W		
SAMP	0	33				
PROJ	33	0	8231	8231		
AG	33	0	0.10	42.00	4.29	9.40
AU1	33	0	2.50	1775.00	97.65	329.46
CU	33	0	1.00	17000.00	1019.39	3275.49
PB	33	0	3.00	2700.00	138.09	508.55
ZN	33	0	8.00	1360.00	119.55	256.64

END OF GCHSCAN: DATE: 88:09:14 time: 15:32:44 33 RECORDS PROCESSED

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM BC GEN EXPL CATHY J

GRID	SAMPLE	PROJECT	CU	ZN	PB	AG	AU1	
93C14W	88101	8272	50	393	54	0.5	50	
93C14W	88107A	8272	34	135	20	0.6	<5	
93C14W	88107B	8272	70	90	20	<0.2	<5	
93C14W	88109	8272	6	75	9	<0.2	<5	
93C14W	88110	8272	7	102	13	<0.2	<5	
93C14W	88116	8272	32	236	50	0.2	20	
93C14W	88117	8272	31	280	34	0.7	30	
93C14W	88140	8272	6	77	11	<0.2	<5	
93C14W	88141	8272	4	68	13	<0.2	<5	
93C14W	88141*	8272	4	66	12	<0.2	<5	
93C14W	88142	8272	4	61	10	<0.2	<5	
93C14W	88143	8272	4	60	13	<0.2	<5	
93C14W	88144	8272	5	57	12	<0.2	<5	
93C14W	88145	8272	5	71	14	<0.2	<5	
93C14W	88146	8272	11	66	10	<0.2	<5	
93C14W	88147	8272	9	80	11	<0.2	<5	
93C14W	88148	8272	9	35	8	<0.2	<5	
93C14W	88149	8272	7	60	18	<0.2	<5	
93C14W	88151	8272	11	57	13	<0.2	<5	
test	STD P	8272	130	95	100	1.2		
93C14W	88153	8272	22	48	15	<0.2	<5	
93C14W	10000N	8272	78	770	20	0.9	<5	
93C14W	9500W	7520N	8272	5	103	13	<0.2	<5
93C14W	9500W	7550N	8272	5	80	10	<0.2	<5
93C14W	9500W	7560N	8272	6	130	13	<0.2	<5
93C14W	9500W	7580N	8272	10	100	10	<0.2	<5
93C14W	9500W	7600N	8272	9	88	11	<0.2	<5
93C14W	9500W	7650N	8272	8	94	12	<0.2	<5
93C14W	9500W	7700N	8272	5	66	10	<0.2	<5
93C14W	9500W	7700N*	8272	5	63	9	<0.2	<5
93C14W	9500W	7750N	8272	3	94	9	<0.2	<5
93C14W	9500W	7800N	8272	18	77	11	<0.2	<5
93C14W	9500W	7850N	8272	6	100	13	<0.2	<5
93C14W	9500W	7900N	8272	6	120	13	<0.2	<5
93C14W	9500W	7950N	8272	4	100	10	<0.2	<5
93C14W	9500W	8000N	8272	6	145	17	<0.2	<5
93C14W	9500W	8050N	8272	6	150	16	<0.2	<5
93C14W	9500W	8100N	8272	5	95	10	<0.2	<5
93C14W	9500W	8150N	8272	6	126	12	<0.2	<5
test	STD P	8272	125	93	104	1.8		
93C14W	9500W	8200N	8272	6	86	11	<0.2	<5
93C14W	9500W	8250N	8272	6	66	10	<0.2	<5
93C14W	9500W	8300N	8272	5	62	9	<0.2	<5
93C14W	9500W	8350N	8272	3	60	8	<0.2	<5
93C14W	9500W	8400N	8272	4	60	11	<0.2	<5
93C14W	9500W	8450N	8272	4	50	10	<0.2	<5
93C14W	9500W	8500N	8272	4	50	9	<0.2	<5
93C14W	9500W	8550N	8272	4	67	8	<0.2	<5
93C14W	9500W	8600N	8272	4	88	13	<0.2	<5
test	STD P	8272	128	96	110	1.3		
93C14W	9500W	8650N	8272	5	85	14	<0.2	<5
93C14W	9500W	8700N	8272	3	84	16	<0.2	<5
93C14W	9500W	8710N	8272	6	116	17	0.2	<5
93C14W	10600W	10000N	8272	5	30	7	<0.2	<5
93C14W	10650W	10000N	8272	285	690	65	2.1	130
93C14W	10750W	8665N	8272	47	97	13	0.2	10
93C14W	10750W	8750N	8272	35	88	11	0.2	5
93C14W	10750W	8800N	8272	72	135	22	0.3	<5
93C14W	10750W	8850N	8272	44	94	13	0.2	<5
93C14W	10750W	8850N*	8272	43	90	12	0.2	<5

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM BC GEN EXPL CATHY J

8272

GRID	SAMPLE	PROJECT	CU	ZN	PB	AG	AU1	
93C14W	10750W	8900N	8272	33	80	12	<0.2	<5
93C14W	10750W	8950N	8272	20	60	11	<0.2	<5
93C14W	10750W	9000N	8272	31	88	11	0.2	<5
93C14W	10750W	9050N	8272	18	80	13	<0.2	<5
93C14W	10750W	9100N	8272	30	72	12	<0.2	<5
93C14W	10750W	9150N	8272	30	85	12	0.3	<5
93C14W	10750W	9200N	8272	27	84	14	0.2	<5
93C14W	10750W	9250NA	8272	24	140	12	0.6	<5
93C14W	10750W	9250NB	8272	25	66	13	0.2	<5
test	STD P		8272	125	92	100	1.6	
93C14W	10750W	9300N	8272	16	75	7	0.2	<5
93C14W	10750W	9350N	8272	80	175	14	0.5	<5
93C14W	10750W	9400N	8272	85	130	16	0.7	<5
93C14W	10750W	9450N	8272	30	95	11	0.6	<5
93C14W	10750W	9500N	8272	36	84	10	0.3	<5
93C14W	10750W	9550N	8272	83	106	13	0.3	<5
93C14W	10750W	9600N	8272	38	98	10	0.6	<5
93C14W	10750W	9650N	8272	46	87	10	0.3	<5
93C14W	10750W	9700N	8272	25	122	11	0.3	<5
93C14W	10750W	9700N*	8272	25	128	13	0.3	<5
93C14W	10750W	9750N	8272	61	98	11	<0.2	<5
93C14W	10750W	9800N	8272	28	190	13	0.5	10
93C14W	10750W	9850N	8272	50	214	15	0.4	<5
93C14W	10750W	9900N	8272	55	200	25	0.3	15
93C14W	10750W	9950N	8272	30	148	12	0.2	5
93C14W	11000W	8300N	8272	25	90	12	0.3	<5
93C14W	11000W	8600N	8272	41	92	13	0.3	<5
93C14W	11000W	8615N	8272	31	70	9	<0.2	<5
93C14W	11000W	8650N	8272	28	84	8	<0.2	<5
93C14W	11000W	8650N*	8272	28	80	8	<0.2	<5
93C14W	11000W	8750N	8272	20	51	10	<0.2	5
93C14W	11000W	8800N	8272	30	68	8	<0.2	10
93C14W	11000W	8850N	8272	27	75	10	<0.2	5
93C14W	11000W	8895N	8272	14	78	14	<0.2	<5
93C14W	11000W	8900N	8272	34	65	10	<0.2	<5
93C14W	11000W	9000N	8272	24	75	10	0.2	<5
93C14W	11000W	9050N	8272	32	75	11	<0.2	<5
93C14W	11000W	9100N	8272	33	78	14	<0.2	<5
93C14W	11000W	9150N	8272	37	102	20	0.2	<5
93C14W	11000W	9150N*	8272	34	100	20	0.2	<5
93C14W	11000W	9200N	8272	32	95	20	<0.2	<5
93C14W	11000W	9250N	8272	32	68	11	<0.2	<5
93C14W	11000W	9350N	8272	35	80	12	<0.2	<5
93C14W	11000W	9400N	8272	22	78	12	0.2	<5
93C14W	11000W	9450N	8272	41	73	11	<0.2	<5
93C14W	11000W	9500N	8272	22	75	13	<0.2	<5
93C14W	11000W	9550N	8272	24	70	12	<0.2	<5
93C14W	11000W	9600N	8272	90	86	11	<0.2	<5
93C14W	11000W	9650N	8272	34	80	14	0.2	<5
test	STD P		8272	125	96	100	1.2	
93C14W	11000W	9700N	8272	21	88	10	<0.2	<5
93C14W	11000W	9750N	8272	33	70	8	<0.2	<5
93C14W	11000W	9800N	8272	23	68	9	<0.2	<5
93C14W	11000W	9850N	8272	25	72	10	<0.2	<5
93C14W	11000W	9900N	8272	75	98	12	<0.2	<5
93C14W	11000W	9950N	8272	30	124	11	0.2	<5
test	STD P		8272	123	93	104	1.4	
test	STD AU		8272					270
test	STD AU		8272					290
test	STD AU		8272					245

PLACER DEVELOPMENT LIMITED: GEOCHEM ASSAY SYSTEM

8272

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	69	0	0	0	105
AU1	0	93	0	0	0	105

15 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: BC GEN EXPL CATHY J

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	105	0	93C14W	93C14W		
SAMP	86	19	10000N	9500W		
PROJ	105	0	8272	8272		
AG	105	0	0.10	2.10	0.20	0.25
AU1	105	0	2.50	130.00	5.02	13.61
CU	105	0	3.00	285.00	27.34	33.00
PB	105	0	7.00	65.00	13.70	8.36
ZN	105	0	30.00	770.00	107.64	100.10

END OF GCHSCAN: DATE: 88:09:16 time: 11:42:05 105 RECORDS PROCESSED

