

# **REPORT OF 2006 SOILS SURVEY on the HOT MINERAL CLAIMS**

Clinton Mining Division

NTS 92P-15E – 092P. 097  
Lat. 51° - Long. 120° 39'

Owned and Operated by  
H. J. Wahl



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**December 2006 GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT**

**20, 195**

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SCALE 1:2,500

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#A 607967 AND #A 607968

## **SUMMARY**

The Hot Claims are located in central British Columbia some 80 km due east of 100 Mile House, within the Clinton Mining Division. The property is road accessible via a good network of logging haul roads.

The main property feature is a 700 x 700 meter area Cd-Ag soil anomaly overlying an I.P. chargeability anomaly of similar size, within entirely drift covered ground.

The last grid work was performed in 2000, and since that time the existing survey grid has been obliterated by extensive windfall of the over mature timber.

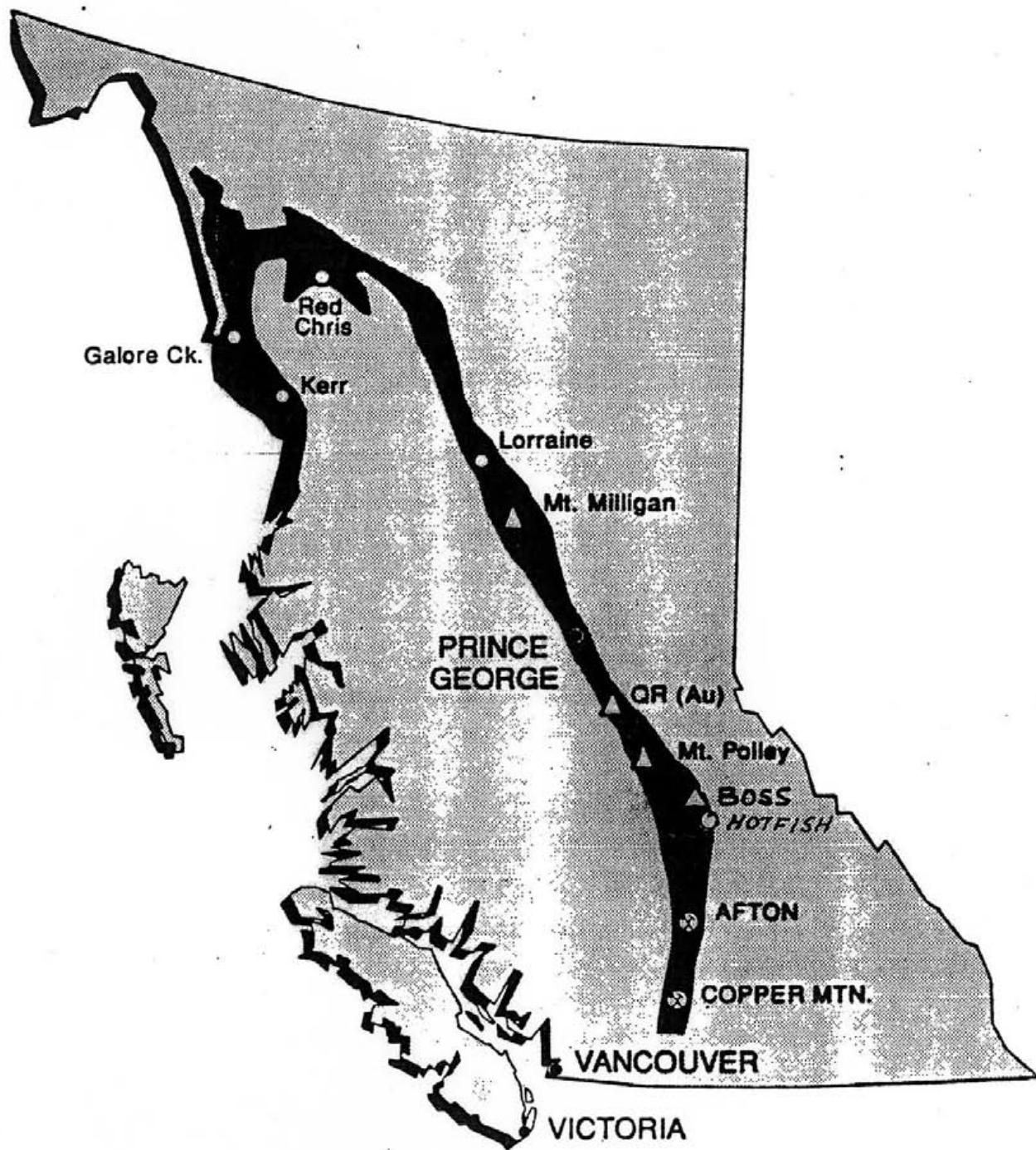
Current work consisted of 859 meters of power saw line cutting and the collection of 27 soil samples at 20 m intervals, plus one silt sample. Collected samples were analyzed by the sequential leach method as a test case. Plotted values for Ag and Cd, the elements shown to define the Hotfish anomaly, compare with earlier conventional assay data. The sequential leach analysis does not appear to offer any comparative advantage over the conventional method, within the area surveyed.

Costs for the current operation are \$8,179.24.

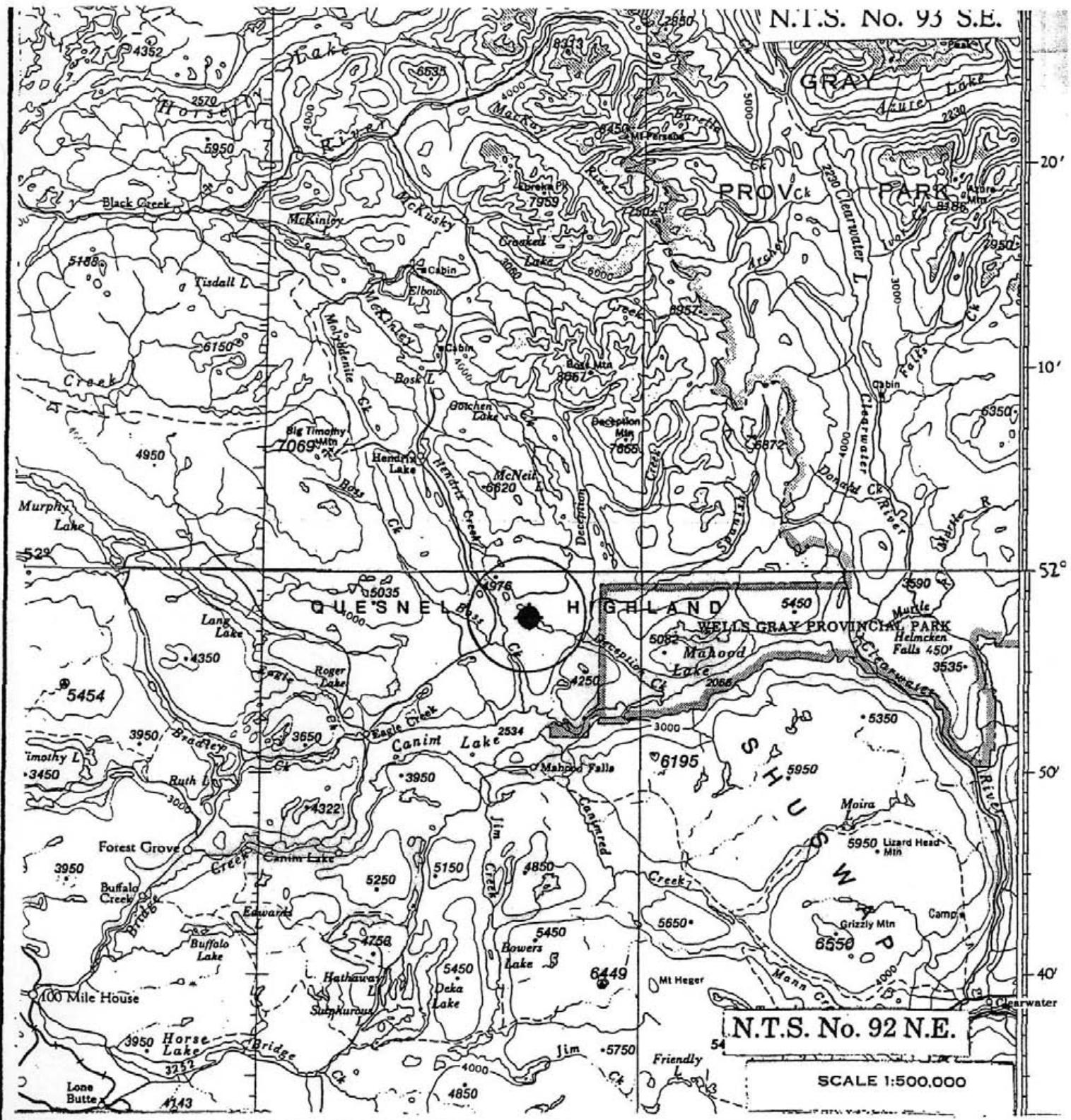
## **INTRODUCTION**

The southeastern sector of the Hot Claims hosts a substantial Cd Ag Cu Zn soils anomaly detected by conventional soil geochemistry which is further amplified by an underlying strong I.P. conductor zone. The anomalous area measures some 700 x 700 meters open in two or more directions. The target area is entirely drift covered and occupies low lying to swampy terrain.

The last report (6), itemized the results of an enzyme leach geochemical survey (EZL) over the main portion of the above noted conventional geochemical/IP target, which yielded very positive results. During the passage of time, considerable windfall of the over mature timber within the survey area has largely obliterated the grid area and made foot travel extremely difficult. The October 2006 program was geared to re-establishing access to the grid center and testing the efficacy of soil sampling by sequential leach analysis.



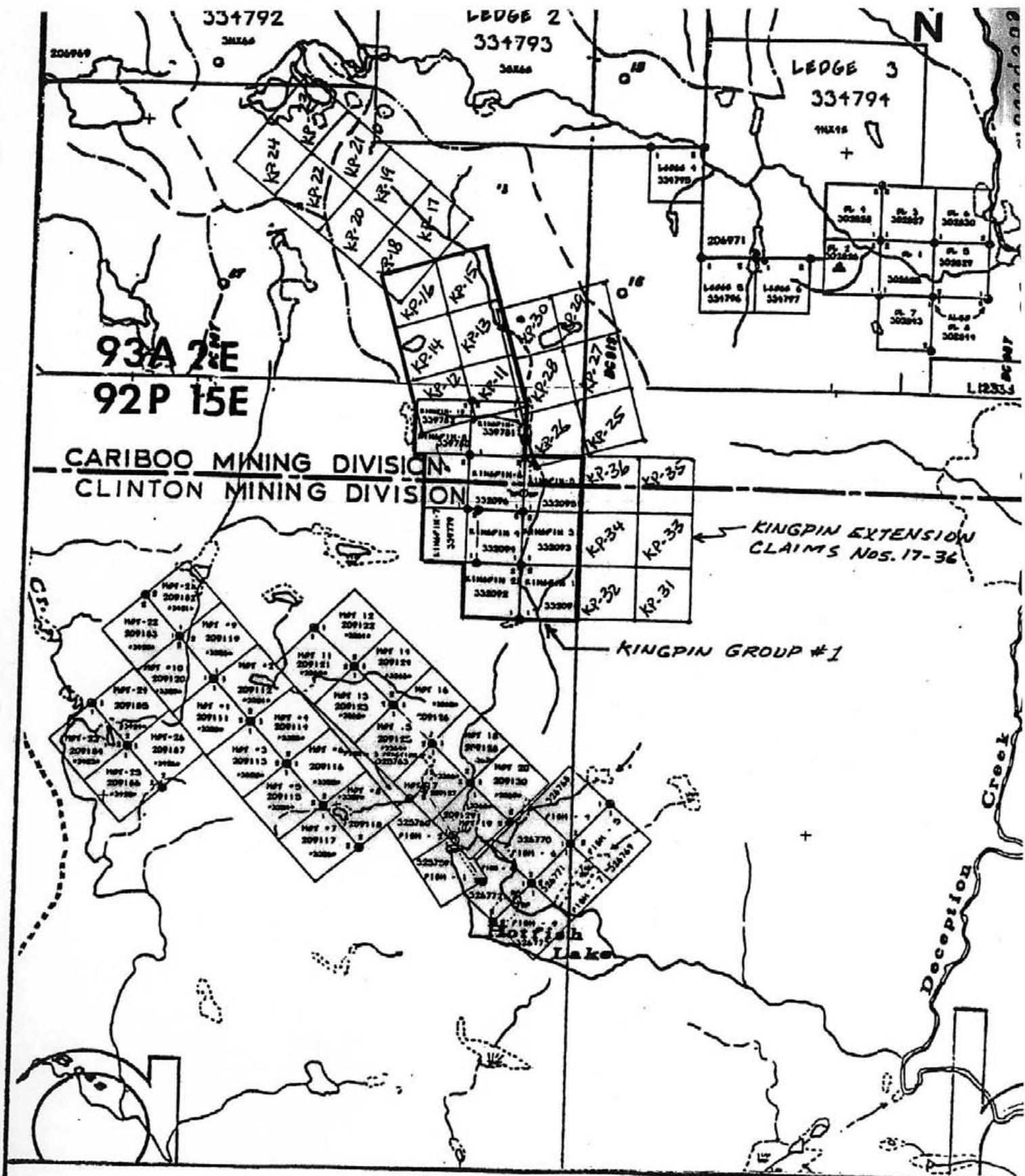
HOT CLAIMS  
REGIONAL GEOLOGY LOCATION MAP  
QUESNEL TROUGH VOLCANIC STRATIGRAPHY  
AND ORE DEPOSITS



HOT CLAIMS

**GENERAL LOCATION MAP**

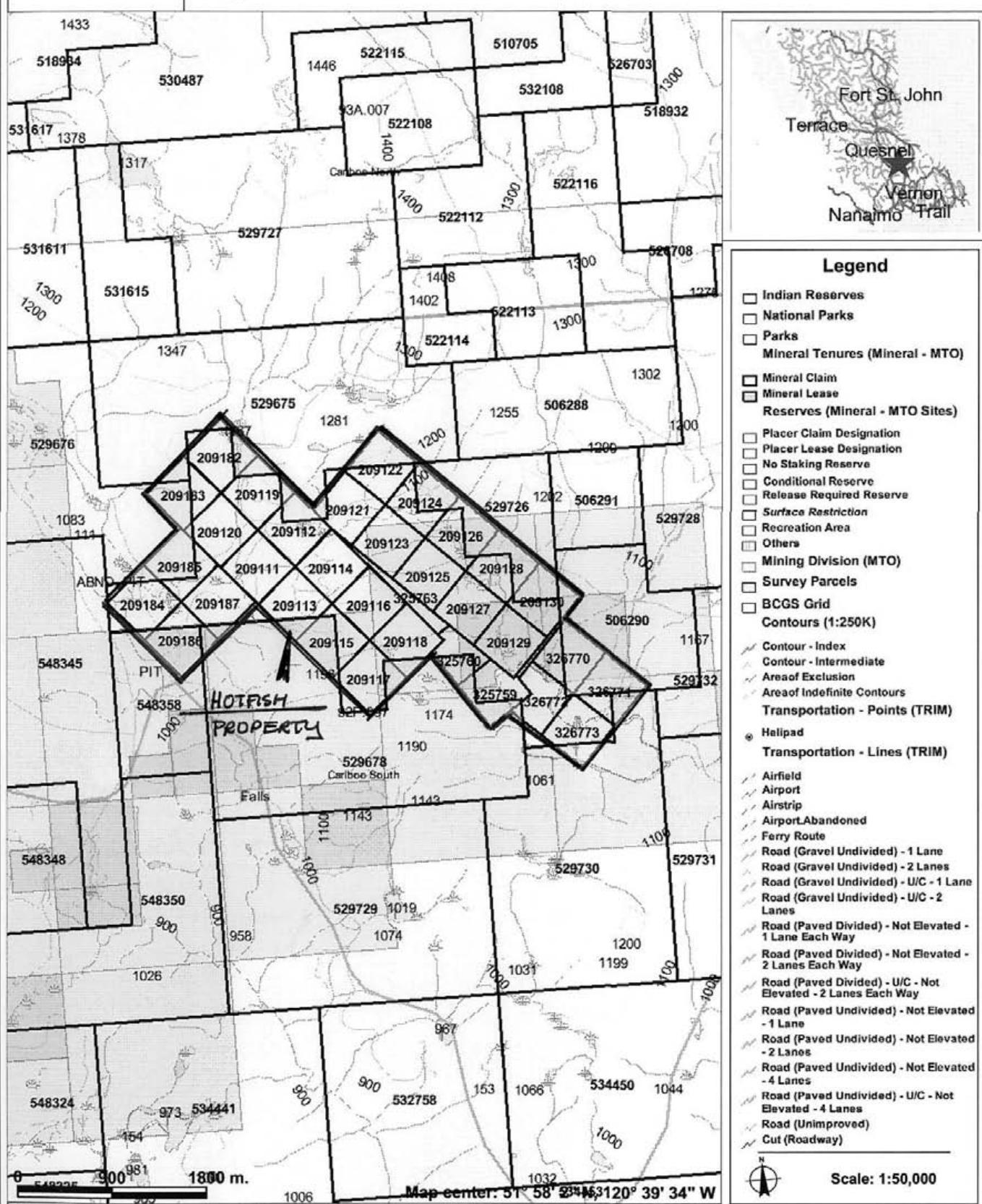
Figure 2



**Fig. 3 PROPERTY LOCATION MAP  
HOTFISH AND KINGPIN EXTENSION CLAIMS  
SCALE: 1:50,000**

## LEGACY CLAIMS

### **Figure 3 HOTFISH PROPERTY LOCATION MAP**



This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

## **LOCATION AND ACCESS (FIGS. 2,3 & 5)**

The property is road accessible via provincial highway 97 to 100 Mile House, then by the Canim Lake Road to Eagle Creek, then via the Weldwood mainline to Hendrix Creek, then via the Weldwood 7000 Road to the claimed area.

Specific locational details are:

NTS 92P - 15E/ 092P.097  
Clinton Mining Division  
Lat. 51° 58'  
Long. 120° 35'

## **PROPERTY (FIG.3)**

The property consists of 26 Hot 2-post legacy claims and the 7 Fish 2-post legacy claims (including Fish-3 fractional) as noted on the next page, 3A.

The claims are in good standing to the indicated date pending acceptance of the assessment report herein submitted.

## HOTFISH PROPERTY AS OF DEC.2006

Tenure #	Claim Name/Property	Issue Date	Good To Date	New Good To Date	Area in Ha
209111	HOT #1	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209112	HOT #2	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209113	HOT #3	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209114	HOT #4	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209115	HOT #5	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209116	HOT #6	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209117	HOT #7	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209118	HOT #8	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209119	HOT #9	1990/jun/18	2006/nov/01	2008/jul/31	25.00
209120	HOT #10	1990/jun/18	2006/nov/01	2008/jul/31	25.00
209121	HOT 11	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209122	HOT 12	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209123	HOT 13	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209124	HOT 14	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209125	HOT 15	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209126	HOT 16	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209127	HOT 17	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209128	HOT 18	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209129	HOT 19	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209130	HOT 20	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209182	HOT-21	1990/sep/03	2006/nov/01	2008/jul/31	25.00
209183	HOT-22	1990/sep/03	2006/nov/01	2008/jul/31	25.00
209184	HOT-23	1990/sep/03	2006/nov/01	2008/jul/31	25.00
209185	HOT-24	1990/sep/03	2006/nov/01	2008/jul/31	25.00
209186	HOT-25	1990/sep/03	2006/nov/01	2008/jul/31	25.00
209187	HOT-26	1990/sep/03	2006/nov/01	2008/jul/31	25.00
325759	FISH - 1	1994/may/12	2006/nov/01	2008/jul/31	25.00
325760	FISH - 2	1994/may/12	2006/nov/01	2008/jul/31	25.00
325763	FISH - 3 FRACTION	1994/may/12	2006/nov/01	2008/jul/31	25.00
326770	FISH - 6	1994/jun/15	2006/nov/01	2008/jul/31	25.00
326771	FISH - 7	1994/jun/15	2006/nov/01	2008/jul/31	25.00
326772	FISH - 8	1994/jun/15	2006/nov/01	2008/jul/31	25.00
326773	FISH - 9	1994/jun/15	2006/nov/01	2008/jul/31	25.00

**TOTAL 825 ha**

## **TERRAIN/TOPOGRAPHY**

The Hot Claims are located within the Quesnel Highland division of the Fraser Plateau. Elevations on and around the claims range from 3,300 to 4,000 feet ASL. Terrain varies from rough rocky ridges to low, flat alder-choked swampy areas.

Claims on which clear-cut logging has been performed include Hot 2 & 9, Hot 1, 3, and 4, Hot 14, and Hot 23 and 25. The unlogged claim area is covered by a dense spruce-pine-fir-cedar-aspen bush with abundant windfall. The swampy areas and ridge tops are thickly vegetated with tag alders. Overburden is variable, consisting of both sandy and clayey glacial drift.

Within the soil-anomalous area (Hot 17-20) overburden is likely in excess of 5 meters.

## **HISTORY**

There is no record of, nor indications of, any previous exploration within the claim area.

The current claim holder has submitted five reports covering work performed in the years 1991, 1992, 1994, 1996 and 2000 (References).

## **WORK PERFORMED**

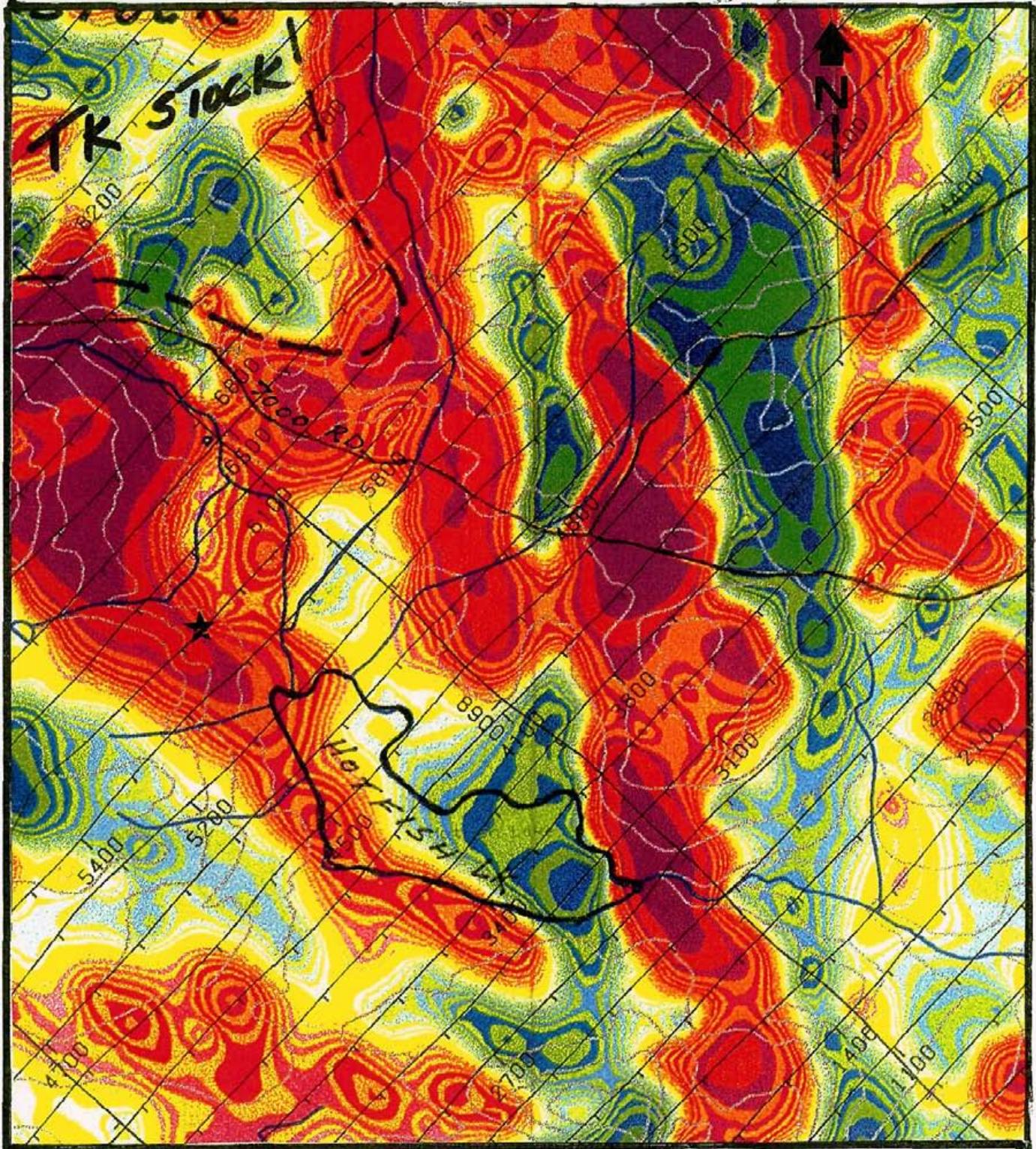
During the period 12-15 October inclusive the undernoted was accomplished:

Line Cutting:      300 meters, access trail  
                          559 meters, line 'HX' cut 1 m wide  
                          All by power saw.

Soil Sampling:      27 each at 20 m intervals.

Silt Sampling:      1 only

Additionally, some 2 dozen root balls (windfall trees) were checked for mineralized float.



## HOT AND FISH CLAIMS VS. FIRST VERTICAL DERIVATIVE OF THE MAGNETIC FIELD

**Open File 5293 GSC**

**Sheet 10 of 10, 2006**

Scale 1:25,000

**FIG. 4**

★ GRID CENTER 0+00

## **REGIONAL GEOLOGY (Reference GSC map 1278C Bonaparte Lake)**

The hot claims are located within the Quesnel Trough geological belt consisting of generally mafic to andesitic volcanic rocks of Triassic/Jurassic age intruded by plutons of similar or younger ages. The Quesnel Trough is a prolific mineral belt (FIG.1) hosting many intra-volcanic and intrusive hosted Cu, Mo, Ag, Au deposits. The Hot Claims lie 24 km southeast of the former Boss Mountain molybdenum mine.

## **PROPERTY GEOLOGY (FIGS. 4,5, Ref. 5)**

The Hot Claims lie in the central zone of wrap-around stratigraphy indicated by regional aeromagnetics. The zone has a broad horseshoe shape open to the northwest, interpreted to be a southeast plunging anticline. The core area is underlain by a satellite plug of Takomkane quartz monzonite (referred to as the "TK" stock), which has induced weak to strong contact metasomatic effects in the adjacent volcanic and argillite units. The stratigraphic package consists of andesitic to mafic tuffs with occasional small areas of pillow lavas and volcanic breccia, and light to dark colored argillites. A zone of partly fragmental, pyritic tuffs is present on the Fish claims about 800 meters southeast of the main soil anomaly.

Positionally, the main soil/IP anomaly lies between pyritic silicified argillites to the north and silica, chlorite, carbonate altered mafic volcanics to the south, the intervening ground being flat, swampy, and entirely drift covered.

During the current program, outcrops of meta felsic fragmentals were located on the north side of the 7000 road about 2 km west of the access trail. Deformation of this unit is attributed to the TK stock which lies a few hundred meters to the north.

## **GEOCHEMISTRY - SYNOPSIS OF PREVIOUS SURVEYS (Refs. 3 to 6)**

The results of previous conventional soil geochemical sampling can be summarized as follows:

Humic soil samples were collected at 20M intervals along the cut lines as referenced in the above figures, using standard collection procedures. The collected samples were shipped to Acme Analytical Laboratories for 30 element ICP geochemical analysis.

Humic material was selected for the deep pumping capability of vegetative root systems, which access lower levels of ground water in contact with potential bedrock sulphides.

The resultant values show a substantial anomalous zone for Cd, Ag, Zn, and Cu in the humic soils measuring some 700 x 700 meters oriented in a NW-SE direction occupying the Hot #17 and 19 claim areas. A more defined Cd-Ag zone lies along and just west of the base line, measuring some 700 meters by 100 meters. The anomalous zone appears to continue under the waters of Hotfish Lake. Within the core area cadmium values reach a maximum of 37.2 PPM which is 186 times the normal crustal abundance (0.2 PPM) for this element. The highest silver value, 7 PPM, is 100 times normal crustal abundance (0.07 PPM). Peak values for Cu and Zn reach levels of 447 PPM and 520 PPM respectively. Low level anomalous values for Ni up to 143 PPM are generally co-associated with Cu-Zn. Higher Ba values in the range of 3-500 PPM also correlate with anomalous levels of Cd-Ag-Cu-Zn.

A plot of calcium values shows that the metal-anomalous zone coincides with Ca values of 1-5%, which may explain the lack of mobility of Cu, Zn, Ni in this particular setting.

The 2000 EZL survey (6) covered portions of grid lines 00 and L1SE. Results of this survey identified a robust oxidation anomaly with VMS signature extending across the conventional geochemical/ IP target zone.

#### **GEOCHEMISTRY (CURRENT): (Figs. 5, Figs. A & B)**

A total of 27 soil samples were collected along power saw line 'HX' at picketed intervals of 20 meters. Samples were collected with an intrenching tool at average depths of 20-25 cm. Collected samples were placed in labeled kraft envelopes for shipment to the assay facility. Sample types were all grayish, stony glacial drift except the interval 280 SW → 360 SW which was in alder swamp. Samples were analyzed by sequential leach, details being found on the included assay reports.

#### **DISCUSSION (Figs. A & B):**

The low number of samples and lack of data base for the analytical method, precludes any rigorous statistical analysis. The sequential leach technique was employed on one other Cariboo project which as been reported on, being the Rodeo/Luky Jack project (093A.015-25). This covered a prospect with known Pb Zn Cu mineralization within quartz veins and hydro-biotite altered syenite.

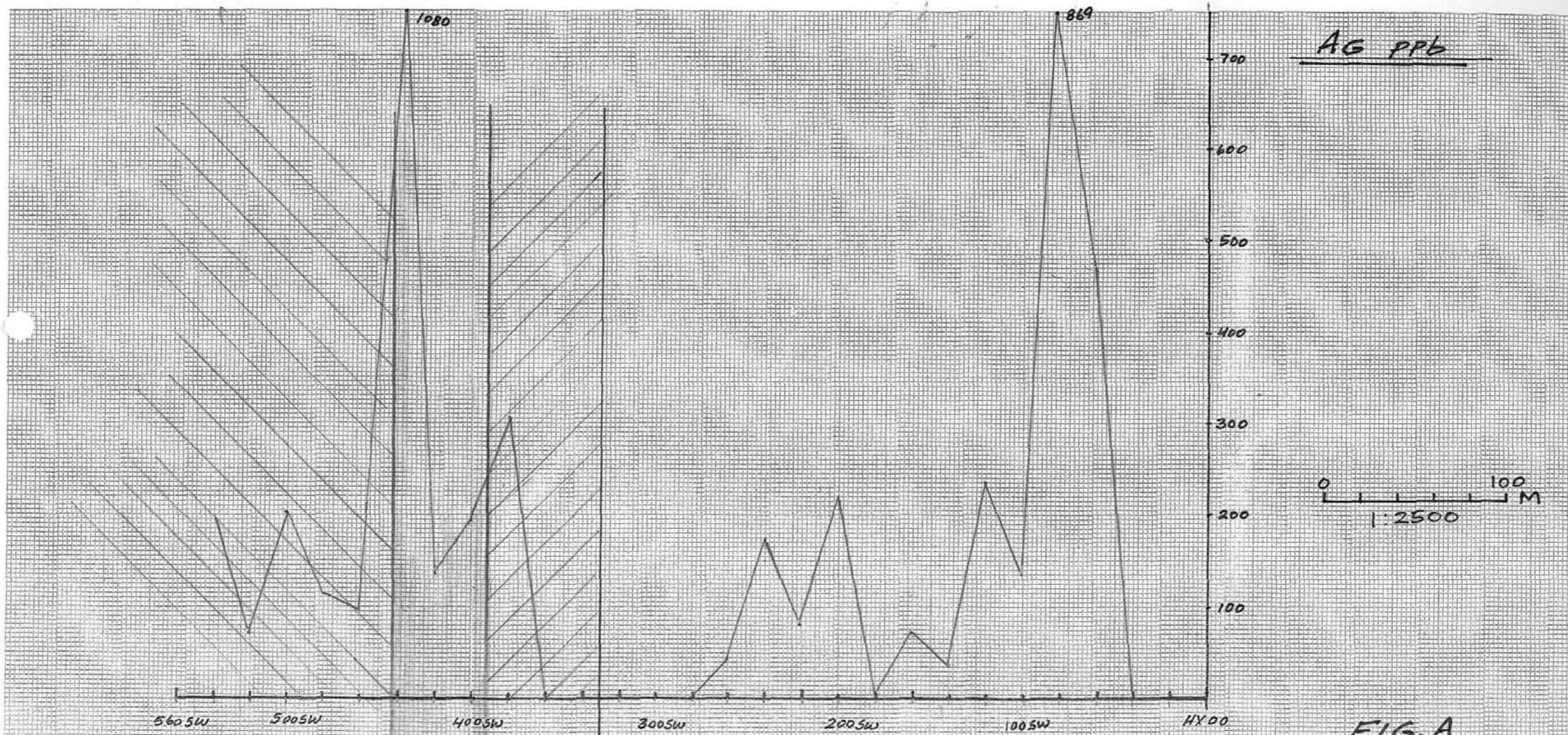


FIG. A

← —————  $\geq 15\text{ msec}$  ————— E —————  $\geq 15\text{ msec}$  ————— C —————  $< 12.5\text{ msec}$  ————— ] 1996 IP SURVEY  
 —————  $+25\text{ msec}$  ————— || || || || ————— TERRAIN —————  
 ————— ✓ GULLY —————

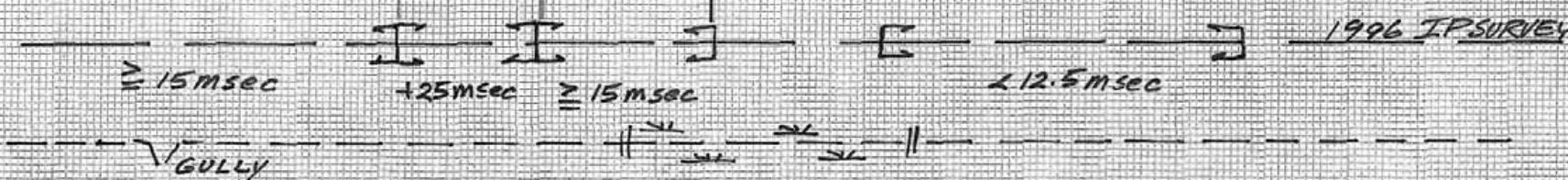
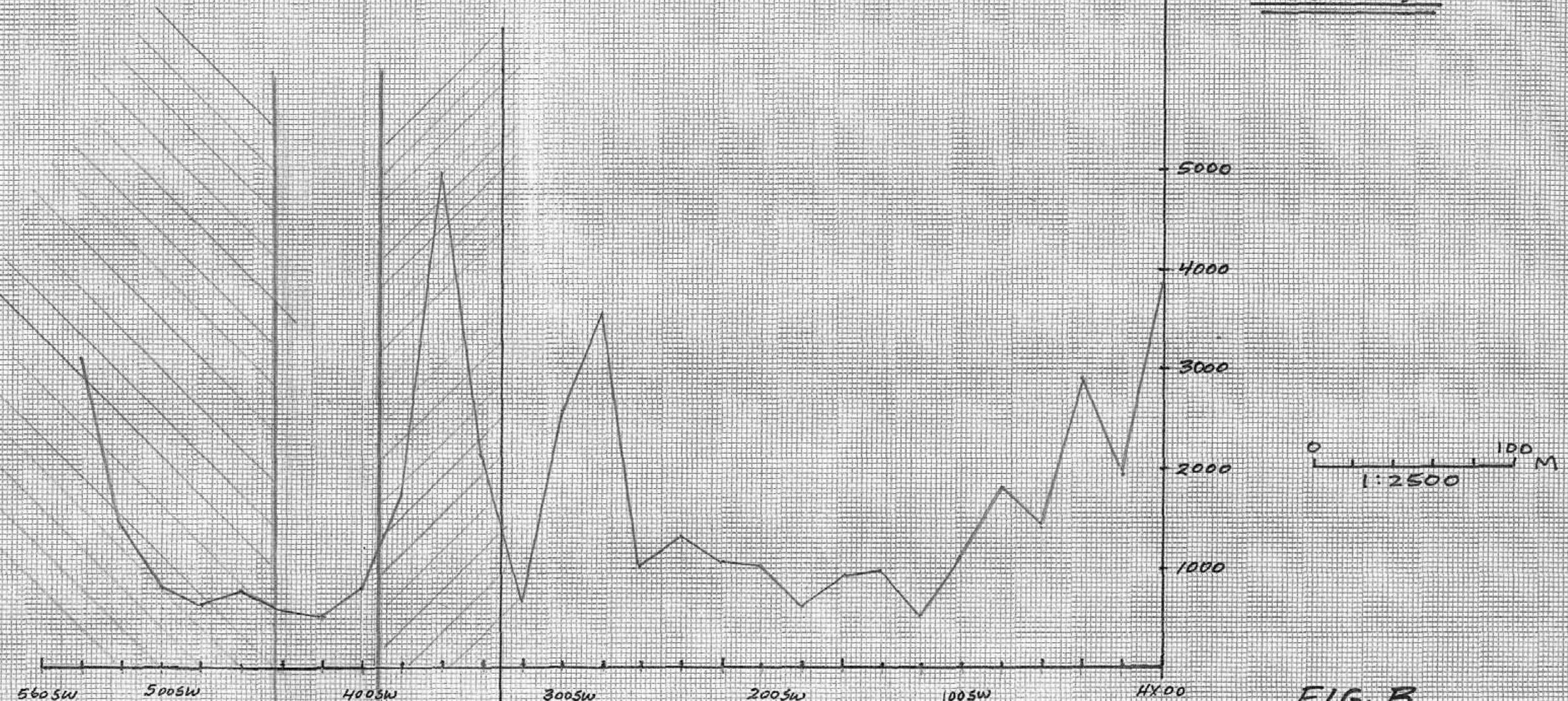
REFER FIG. 5 FOR LOCATION

HOT MINERAL CLAIMS  
 92P. 097 CLINTON M.D.  
 2006 SOILS SURVEY LINE 'HX'  
 SEQUENTIAL LEACH  
 ACME LABS REPORT # A607967

DEC. 2006

H. WAHL, P.ENG.B.C.

Cd PPB



REFER FIG. 5 FOR LOCATION

FIG. B

HOT MINERAL CLAIMS  
92P. 097 CLINTON M. D.  
2006 SOILS SURVEY LINE 'HY'  
SEQUENTIAL LEACH  
ACME LABS REPORT # A607967

DEC. 2006

H. WAHL, P. ENG. B.C.

A comparison of value ranges are as follows:

**Rodeo/Luky Jack**  
23 samples

**Ag ppb**  
Range 11-102

**Cd ppb**  
86-2080

**Hotfish**  
27 samples

Range <3-1080

537-3855

As Cd and Ag are pathfinders of zinc mineralization and have been shown by previous conventional sampling to define the Hotfish anomaly, these elements were graphed in Figs. A and B. Both elements respond to previously defined areas (4) and show good correlation with I.P. chargeability anomalies. It should be noted that line 'HX' does not cross the main or strongest area of the defined I.P./ geochem target.

## CONCLUSIONS & RECOMMENDATIONS

The limited sampling program confirms the Ag-Cd anomalous nature of the target area and does not appear to offer any improvement over conventional analysis. The more significant result is considered to be the EZL results of the 2000 survey, EZL being the equivalent of "chemical I.P.".

The new cut line will provide access to the central grid area for future purposes of trenching lay-out.

Prepared by

  
H. J. Wahl, P. Eng. B.C.

## STATEMENT OF COSTS

Persons employed on the Hot Claims project were:

Herb Wahl,  
RR 10, 1416 Ocean Beach Esplanade,  
Gibsons, B.C. V0N 1V3  
&  
Kenneth L. Wahl  
#316-2222 Cambridge St.,  
Vancouver, B.C. V5L 1E6

H. Wahl, 4 days field @ \$700/day	\$2,800.00
H. Wahl, 4 days logistics and reporting @ \$400/day	1,600.00
K. Wahl, 4 days, experienced field assistant @ \$300/day	1,200.00
<b>Sub Total:</b>	<b><u>\$5,600.00</u></b>

Field vehicle, F-350 SD 4x4 diesel 4 days @\$175/day	\$700.00
Travel 01	255.75
Accommodation, 02, Rainbow Resort, Canim Lake	290.70
Maps, prints, secretarial 03,04,05	300.00
Postage and freight, 06	31.15
Field Supplies, 07	244.24
Assays, 11, Acme Labs, #A607967-68	757.40
<b>Sub Total:</b>	<b><u>\$2,579.24</u></b>
<b>Grand Total:</b>	<b><u>\$8,179.24</u></b>

Certified True and Correct



H. Wahl, P.Eng. B.C.

## REFERENCES

- (1) GSC Map 1278A, Bonaparte Lake, scale 1:250,000
- (2) *Report of Preliminary Prospecting on the Hot Mineral Claims* by H. Wahl, April 1991
- (3) *Report of Reconnaissance Geological and Geochemical Work on the Hot Mineral Claims* by H. Wahl, November 1992
- (4) *Report of Preliminary Grid Work on the Hot Mineral Claims*, by H. Wahl, January 1994
- (5) *Report of I.P. Survey and Related Work on the Hot Mineral Claims*, by H. Wahl, November 1996.
- (6) *Report of Enzyme Leach Soils Survey on the Hot Mineral Claims*, by H. Wahl, December 2000.
- (7) Open File 5293, 2006, Geological Survey of Canada.

## GEOCHEMICAL ANALYSIS CERTIFICATE

Wahl, Herb File # A607967 (a)

R.R. 10, 1416 Ocean Beach, Gibson BC V0N 1V3 Submitted by: Herb Wahl

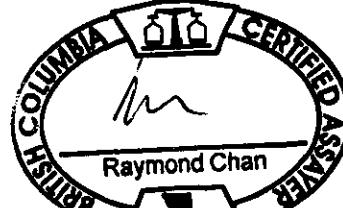
SAMPLE#	Ag ppb	Al ppm	As ppb	Ba ppm	Bi ppb	Ca ppm	Co ppb	Cu ppm	Fe ppm	K ppm	La ppb	Mg ppm	Mn ppm	Mo ppb	Ni ppm	P ppb	Pb ppb	Sb ppb	Sr ppm	Th ppb	Ti ppm	U ppb	V ppm	W ppm	Zn ppm	Se ppb	Te ppb	Au ppb	Hg ppb	Be ppb
HX-00	<3	1999	1317	268.00	<5	14180	6792	.85	11132	184	2931	804	407	48	13.26	48	1235	62	67.58	46	2	274	14.53	24	47.6	4.4	<20	<.2	<5	473
RE HX-00	<3	1957	1269	259.50	<5	14952	6939	.79	11056	189	2828	803	426	48	13.15	45	1123	57	70.45	42	2	271	13.87	25	48.4	4.1	<20	<.2	<5	448
HX-20SW	14	3570	154	167.31	<5	4650	2220	1.29	6399	121	1927	1129	44	39	6.84	23	2330	10	31.00	46	7	95	12.15	<10	30.4	2.9	<20	1.0	<5	229
HX-40SW	<3	3212	318	177.96	<5	9855	3583	1.13	7459	102	1288	364	210	249	6.86	49	1952	82	33.34	111	6	426	19.92	<10	61.1	4.6	<20	<.2	<5	316
HX-60SW	473	4034	102	149.24	<5	3255	6008	2.69	5576	153	2037	419	263	161	3.96	45	4070	31	19.44	72	6	226	12.05	<10	25.2	3.6	<20	.5	5	353
HX-80SW	869	4952	137	195.35	<5	2997	3989	2.45	4193	159	3555	241	173	121	3.33	138	4669	41	19.56	63	7	447	10.41	<10	37.3	3.0	<20	.5	10	378
HX-100SW	136	3925	307	186.77	<5	3599	2515	1.23	4618	125	1512	487	182	105	3.17	261	3558	23	19.59	43	4	177	12.04	<10	37.0	3.2	<20	.3	<5	270
HX-120SW	235	6442	206	147.89	<5	3028	2001	.47	3978	124	885	126	107	20	2.19	450	1502	13	25.19	47	6	73	19.69	<10	22.2	1.8	<20	.7	5	266
HX-140SW	38	8860	<100	108.63	<5	439	2880	.21	1840	66	1166	44	61	<10	1.21	27	681	<5	5.39	33	1	41	3.36	<10	13.3	1.5	<20	.5	<5	624
HX-160SW	74	8158	<100	75.79	<5	478	3919	.36	3064	87	1205	37	129	<10	1.10	71	1683	6	4.14	51	3	55	6.90	<10	14.6	1.5	<20	.2	<5	295
HX-180SW	<3	5583	179	114.30	<5	2188	1043	.45	4998	228	772	254	60	40	2.21	336	2742	12	12.38	64	6	51	15.95	<10	20.0	1.1	<20	<.2	5	262
HX-200SW	219	6171	207	163.86	<5	1688	4418	.44	3727	73	629	144	219	28	2.02	862	2791	7	17.88	46	6	57	9.22	<10	52.1	1.1	<20	.4	7	274
HX-220SW	83	6086	<100	91.37	<5	2065	829	.37	4415	86	687	108	34	56	1.47	245	2088	7	14.19	79	10	63	9.44	<10	17.1	1.5	<20	.3	<5	344
HX-240SW	175	3423	195	127.53	<5	4521	2413	1.37	5695	147	1993	951	111	46	3.93	243	3017	13	23.99	28	7	115	16.81	<10	22.0	2.1	<20	<.2	<5	303
HX-260SW	45	2945	419	119.69	<5	3885	4806	2.23	4411	97	3882	1109	149	51	4.71	356	3048	15	28.31	57	6	144	13.24	<10	11.2	3.0	<20	<.2	7	200
HX-280SW	<3	1895	151	213.15	<5	16362	2149	.21	4636	110	1359	1780	44	28	5.93	39	639	7	100.18	21	3	23	2.40	<10	16.9	4.8	<20	<.2	<5	360
HX-300SW	<3	295	405	134.59	<5	27113	6513	.10	12008	131	117	1030	522	21	2.19	28	<20	51	95.38	<20	1	10	.81	<10	32.7	1.5	<20	<.2	5	60
HX-320SW	<3	66	652	137.59	<5	36519	2411	.03	5039	101	24	966	1292	22	<.05	21	<20	48	102.33	<20	<1	<5	.23	<10	15.9	.8	<20	<.2	<5	31
HX-340SW	<3	85	522	243.20	<5	29212	8935	.07	12494	120	55	657	3427	35	3.08	16	<20	67	81.29	<20	<1	<5	.87	<10	52.1	1.1	<20	.2	<5	20
HX-360SW	<3	520	1290	153.09	<5	29933	2098	.18	5418	137	396	906	182	30	2.36	25	<20	46	101.46	<20	2	32	1.75	<10	10.0	5.8	<20	<.2	<5	187
HX-380SW	307	2496	200	113.70	<5	7625	4781	.57	5617	206	1540	934	282	45	5.34	50	3400	13	39.99	24	5	46	9.96	<10	11.5	2.6	<20	<.2	<5	224
HX-400SW	195	2909	238	118.80	<5	2626	1841	.60	4331	136	836	727	218	27	2.60	454	3622	6	15.26	<20	11	57	9.27	<10	19.2	1.3	<20	<.2	<5	105
HX-420SW	138	6609	249	107.97	<5	2327	1359	.53	2951	82	1268	181	35	11	1.98	270	4052	12	14.83	50	3	74	6.77	<10	9.1	2.2	<20	<.2	<5	249
HX-440SW	1080	5499	283	134.77	<5	1560	1434	1.15	5046	71	1866	127	64	10	2.14	273	2772	9	14.94	61	6	135	9.13	<10	6.1	2.2	<20	<.2	<5	335
HX-460SW	97	3908	396	124.46	<5	3237	5037	1.35	5111	87	1982	589	150	19	2.44	551	3712	9	19.74	34	6	103	12.90	<10	16.2	1.5	<20	.4	<5	187
HX-480SW	113	1829	264	129.10	<5	336	680	.60	3337	60	395	216	433	23	.96	638	2884	<5	4.38	<20	9	45	8.75	<10	15.8	.4	<20	.2	6	55
HX-500SW	203	6179	189	89.69	<5	994	3847	.62	5214	86	586	137	203	37	1.43	203	2347	11	10.67	66	9	80	10.12	<10	11.3	1.3	<20	.6	<5	203
HX-520SW	73	4285	1510	278.07	<5	3788	4201	1.40	4609	184	2136	648	389	33	2.98	1362	2472	15	22.66	45	7	111	14.61	10	24.5	1.5	<20	<.2	<5	298
HX-540SW	192	8257	164	231.64	<5	2285	13453	1.32	3272	114	1897	112	1242	30	2.94	82	2300	18	18.02	126	2	85	4.98	<10	14.4	1.1	<20	.7	<5	438
STANDARD DS3	155	4090	5268	178.45	116	6283	5187	24.76	8292	300	5215	895	815	530	16.75	156	15114	739	23.63	141	4	1452	7.77	189	37.8	1.7	159	5.0	<5	3261
STANDARD DS3	213	4122	5378	180.51	101	6307	5389	25.45	8596	306	5495	958	828	515	17.50	156	14942	777	23.31	102	5	1465	7.88	166	38.9	2.3	174	5.3	<5	3371
STANDARD DS3	203	4482	5614	182.88	114	6619	7096	24.86	9453	314	5746	1006	851	554	17.08	174	15140	813	24.66	112	4	1474	7.94	198	39.5	2.1	167	4.5	<5	3403

GROUP 1SLM - 1SL0 RESIDUE LEACHED WITH 10 ML 0.1 M HYDROXYLAMINE DIGESTED FOR TWO HOURS AT 60oC FOLLOWED BY ANALYSIS BY ICP/MS. (SEQUENTIAL LEACH)

- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DEC 05 2006

Data FA DATE RECEIVED: OCT 23 2006 DATE REPORT MAILED:.....



## GEOCHEMICAL ANALYSIS CERTIFICATE

Wahl, Herb File # A607967 (b)  
 R.R. 10, 1416 Ocean Beach, Gibson BC V0N 1V3 Submitted by: Herb Wahl

SAMPLE#	Cd ppb	Ce ppb	Cs ppb	Dy ppb	Er ppb	Eu ppb	Ga ppb	Gd ppb	Ge ppb	Hf ppb	Ho ppb	In ppb	Li ppm	Lu ppb	Nb ppb	Nd ppb	Pr ppb	Rb ppb	Re ppb	Sc ppm	Sm ppb	Sn ppb	Ta ppb	Tb ppb	Tl ppb	Tm ppb	Y ppb	Yb ppb	Zr ppb
HX-00	3855	2620	143	224	141	43	23	316	<50	<20	50	<10	1.61	18	16	1370	371	2269	6	<20	220	<20	<20	37	126	19	2090	121	356
RE HX-00	3720	2436	137	210	138	41	24	297	<50	<20	47	<10	1.56	18	12	1238	357	2263	6	<20	207	<20	<20	37	131	18	2078	118	384
HX-20SW	1944	2092	33	188	101	34	159	258	<50	23	39	<10	1.37	11	61	999	283	892	<2	<20	179	<20	<20	34	10	13	1309	76	559
HX-40SW	2909	2124	157	184	103	24	75	209	<50	50	35	<10	1.49	13	66	732	197	2189	<2	<20	148	<20	<20	29	92	13	1320	93	1458
HX-60SW	1464	2979	66	283	132	58	193	359	<50	41	54	<10	.66	16	42	1357	357	2242	<2	<20	246	<20	<20	50	23	19	1880	113	1014
HX-80SW	1812	3065	131	480	260	113	251	661	<50	64	100	10	.66	36	50	2411	619	2878	<2	<20	426	<20	<20	83	32	37	3707	224	1351
HX-100SW	1109	2597	82	301	142	58	199	407	<50	26	58	<10	1.08	16	29	1245	310	1848	<2	<20	262	<20	<20	52	18	22	1810	109	635
HX-120SW	547	1482	81	186	82	30	203	235	<50	32	34	<10	.33	8	39	641	161	2724	<2	<20	147	<20	<20	34	21	10	1023	58	837
HX-140SW	991	1804	66	148	68	24	38	166	<50	68	28	<10	.68	7	<10	619	184	1823	<2	<20	111	<20	<20	24	17	9	821	54	1531
HX-160SW	941	2106	52	161	76	33	97	202	<50	50	30	<10	.44	8	21	740	200	2086	<2	<20	139	<20	<20	28	16	11	978	56	1105
HX-180SW	603	1313	29	147	70	22	189	193	<50	21	30	<10	.80	7	35	600	149	629	<2	<20	132	<20	<20	27	10	10	920	49	493
HX-200SW	1037	1114	54	109	50	11	197	125	<50	27	21	<10	.59	5	29	440	109	2104	<2	<20	88	<20	<20	18	14	7	603	38	689
HX-220SW	1042	1134	58	131	59	22	292	148	<50	69	24	<10	.43	7	66	488	126	1381	<2	<20	99	<20	<20	23	9	8	662	48	1619
HX-240SW	1332	2601	55	339	178	67	139	464	<50	<20	67	<10	1.63	23	27	1506	375	1327	<2	<20	286	<20	<20	59	11	26	2304	150	329
HX-260SW	1041	4934	96	480	230	113	113	712	<50	<20	92	<10	1.11	23	18	2495	663	1551	<2	<20	496	<20	<20	87	24	32	2692	170	373
HX-280SW	3696	1273	44	101	53	11	33	128	<50	<20	<20	<10	.58	5	14	518	156	484	<2	<20	91	<20	<20	17	19	6	704	36	242
HX-300SW	2751	138	9	13	7	<5	<20	16	<50	<20	<20	<10	.13	<5	<10	62	16	228	2	<20	12	<20	<20	<5	59	<5	128	9	66
HX-320SW	674	31	5	<5	<5	<5	<20	<5	<50	<20	<20	<10	.06	<5	11	10	<5	212	2	<20	<5	<20	<20	<5	50	<5	28	<5	40
HX-340SW	2131	56	11	8	<5	<5	34	10	<50	<20	<20	<10	.28	<5	<10	26	6	242	2	<20	5	<20	<20	<5	223	<5	66	5	33
HX-360SW	4972	347	46	39	21	<5	<20	50	<50	<20	<20	<10	.74	<5	30	177	50	760	6	<20	33	<20	<20	7	43	<5	343	23	256
HX-380SW	1756	1859	24	204	100	39	149	254	<50	<20	41	<10	.92	11	25	871	239	973	<2	<20	163	<20	<20	35	9	13	1490	83	306
HX-400SW	807	1354	25	148	64	28	445	204	<50	<20	26	<10	.88	6	35	645	158	984	<2	<20	126	<20	<20	27	6	8	758	49	328
HX-420SW	537	2164	83	293	136	59	125	418	<50	22	57	<10	.50	13	13	1070	261	1296	<2	<20	255	<20	<20	59	9	20	1737	98	532
HX-440SW	599	2778	59	308	135	74	243	450	<50	40	60	12	.36	15	34	1456	366	1584	<2	<20	297	<20	<20	57	10	16	1604	108	954
HX-460SW	781	3605	109	519	217	109	170	714	<50	<20	96	<10	.88	20	23	2014	459	1843	<2	<20	468	<20	<20	97	11	29	2652	159	337
HX-480SW	632	612	25	63	30	9	777	93	<50	<20	<20	<10	.29	<5	54	290	72	1494	<2	<20	60	<20	<20	12	6	<5	307	24	273
HX-500SW	757	1075	56	89	40	16	359	111	<50	65	<20	<10	.36	5	57	391	108	1739	<2	<20	81	<20	<20	15	14	5	449	36	1712
HX-520SW	1413	4638	66	494	226	83	134	644	<50	<20	90	<10	.76	22	18	2107	494	2082	<2	<20	427	<20	<20	85	15	29	2681	148	219
HX-540SW	3135	5002	96	217	96	39	71	295	<50	51	43	<10	.39	9	12	1123	303	1604	<2	<20	202	<20	<20	40	65	12	1272	71	1117
STANDARD DS3	9702	7978	1193	571	312	146	80	916	380	251	126	1559	.70	37	33	3866	979	2348	<2	<20	686	71	<20	106	901	45	4058	259	848
STANDARD DS3	9898	8203	1234	610	313	144	91	771	379	233	124	1514	.76	38	24	4006	1047	2423	<2	<20	721	72	<20	112	888	44	4205	268	822
STANDARD DS3	10437	8330	1165	644	341	149	80	856	393	264	128	1552	.76	42	27	4006	1036	2460	<2	<20	710	84	<20	120	910	45	4533	281	898

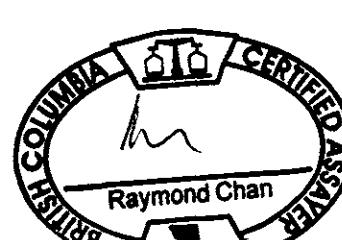
GROUP 1SLM - 1SL0 RESIDUE LEACHED WITH 10 ML 0.1 M HYDROXYLAMINE DIGESTED FOR TWO HOUR AT 60oC FOLLOWED BY ANALYSIS BY ICP/MS. (SEQUENTIAL LEACH)

- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DEC 05 2006

Data FA DATE RECEIVED: OCT 23 2006 DATE REPORT MAILED: . . . . .

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



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(IS. J001 Accredited Co.)

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GEOCHEMICAL ANALYSIS CERTIFICATE

Wahl, Herb File # A607968 (a)

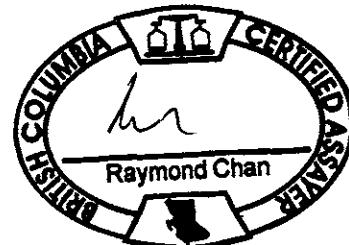
R.R. 10, 1416 Ocean Beach, Gibson BC V0N 1V3 Submitted by: Herb Wahl

SAMPLE#	Ag	Al	As	Ba	Bi	Ca	Co	Cu	Fe	K	La	Mg	Mn	Mo	Ni	P	Pb	Sb	Sr	Th	Ti	U	V	W	Zn	Se	Te	Au	Hg	Be
	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppm	ppb	ppb	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppm	ppb	ppb	ppb	
HX-533SW	<3	2077	1219	246.29	<5	12561	9421	1.01	6167	141	2415	1291	852	21	13.32	318	1619	36	52.07	29	3	133	10.18	<10	36.7	1.3	<20	.4	<5	259
STANDARD DS3	222	4488	5436	198.02	109	6866	5204	25.80	8303	318	5209	971	903	542	18.27	170	14681	753	27.29	130	4	1459	7.36	183	35.6	1.9	149	5.3	<5	3462

GROUP 1SLM - 1SLG RESIDUE LEACHED WITH 10 ML 0.1 M HYDROXYLAMINE DIGESTED FOR TWO HOURS AT 60oC FOLLOWED BY  
ANALYSIS BY ICP/MS. (SEQUENTIAL LEACH)

- SAMPLE TYPE: SILT SS80 60C

Data FA DATE RECEIVED: OCT 23 2006 DATE REPORT MAILED: DEC 05 2006



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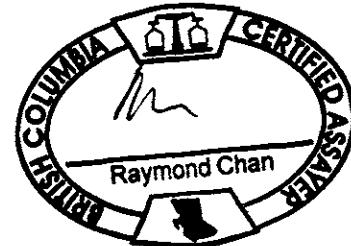
GEOCHEMICAL ANALYSIS CERTIFICATE

Wahl, Herb File # A607968 (b)  
R.R. 10, 1416 Ocean Beach, Gibson BC V0N 1V3 Submitted by: Herb Wahl

SAMPLE#	Cd	Ce	Cs	Dy	Er	Eu	Ga	Gd	Ge	Hf	Ho	In	Li	Lu	Nb	Nd	Pr	Rb	Re	Sc	Sm	Sn	Ta	Tb	Tl	Tm	Y	Yb	Zr
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb							
HX-533SW	5726	3266	40	304	177	52	36	426	<50	<20	65	<10	2.32	22	<10	1486	395	776	2	<20	293	<20	<20	51	68	23	2568	144	194
STANDARD DS3	9635	8219	1187	623	328	131	78	741	339	231	128	1563	.88	39	21	3900	1030	2474	<2	<20	758	76	<20	115	956	47	4422	281	871

GROUP 1SLM - 1SLO RESIDUE LEACHED WITH 10 ML 0.1 M HYDROXYLAMINE DIGESTED FOR TWO HOUR AT 60oC FOLLOWED BY ANALYSIS  
BY ICP/MS. (SEQUENTIAL LEACH)  
- SAMPLE TYPE: SILT SS80 60C

Data FA DATE RECEIVED: OCT 23 2006 DATE REPORT MAILED:....DEC 05 2006.



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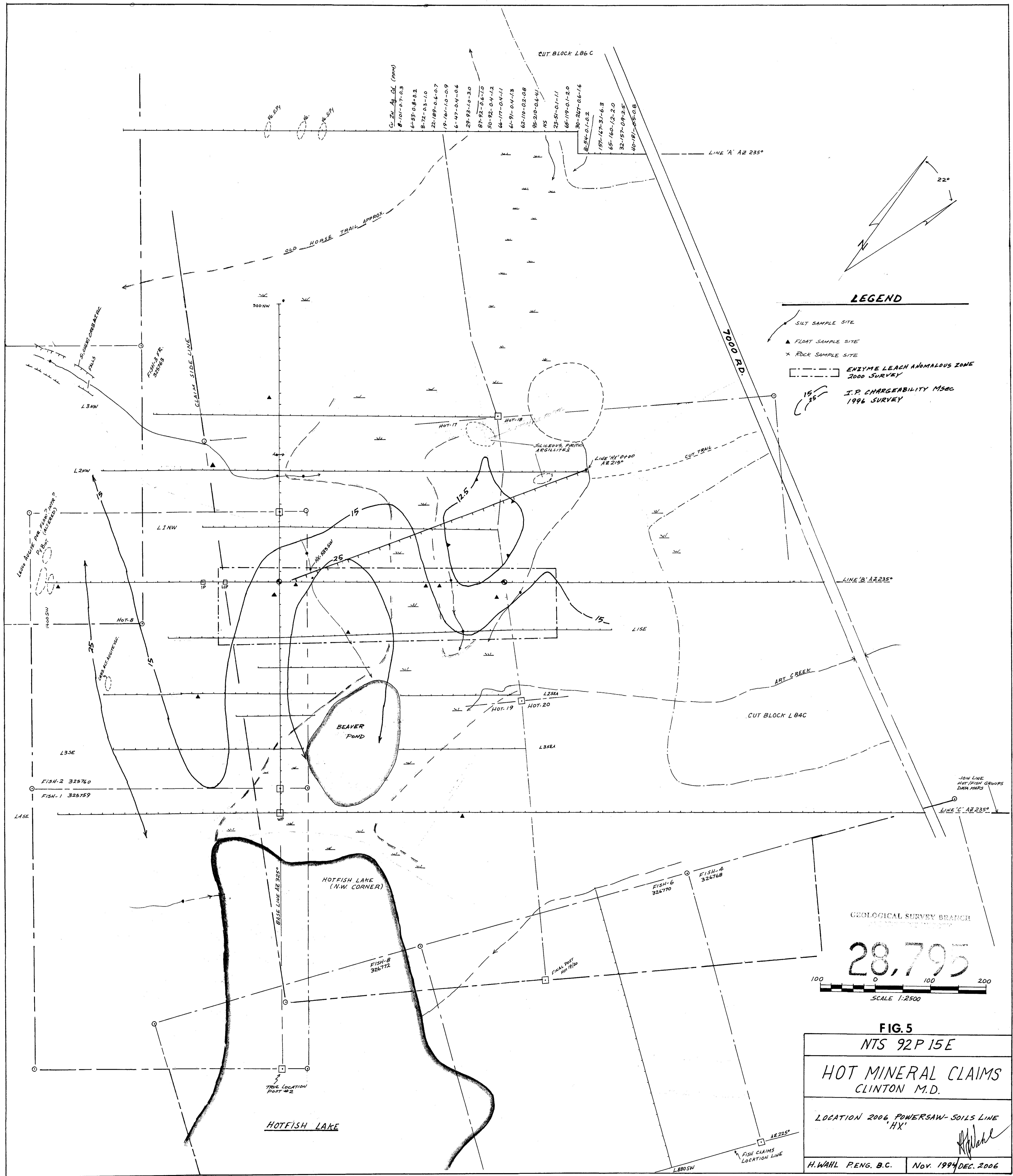


FIG. 5

NTS 92P15E

# HOT MINERAL CLAIMS CLINTON M.D.

LOCATION 2006, POWERSAW- SOILS LINE  
'HX'

LOCATION 2006, P.  
H.Y.

Nov. 1994 / DEC. 2006