



52F16NW0005 OM91-150 LAVAL

INTERIM REPORT

on the

MINERAL EXPLORATION PROGRAM

September 1 to December 31, 1991

CHAMPION BEAR RESOURCES LTD.

BEARTRACK LAKE PROJECT

Kenora Mining Division, Ontario

by

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L.C. Chastko
P.S. Barc**

**Consulting Geologists
Independent Exploration Services Ltd.**

March 9, 1992



52F16NW0005 OM91-150 LAVAL

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INTRODUCTION

This report summarizes exploration activities conducted on the Beartrack Claim Group during the period of September through to December 31, 1991.

The exploration program is at an early stage and on going through the winter of 1991 - 1992. This report is an interim report therefore, only summarizes the activities. Definitive conclusions and recommendations are not possible at this point in time.

Independent Exploration Services Ltd. of Winnipeg conducted exploration on behalf of Champion Bear Resources Ltd. Mr. A.P. Pryslak participated as an independent geological consultant to Champion Bear Resources Ltd.

DESCRIPTION, LOCATION AND ACCESS TO PROPERTY

The Beartrack Lake Property is comprised of 34 claims (133 claim units).

Twenty-two claims (23 claim units) are held under option agreements with Bob Fairservice et al. These claims are recorded under the following claims No: K's 1085111, 1085112, 1133313, 1133443, 1133507 to 1133521 inclusive and 1144900.

Twelve claims (112 claim units) were staked on behalf of Champion Bear Resources Ltd.

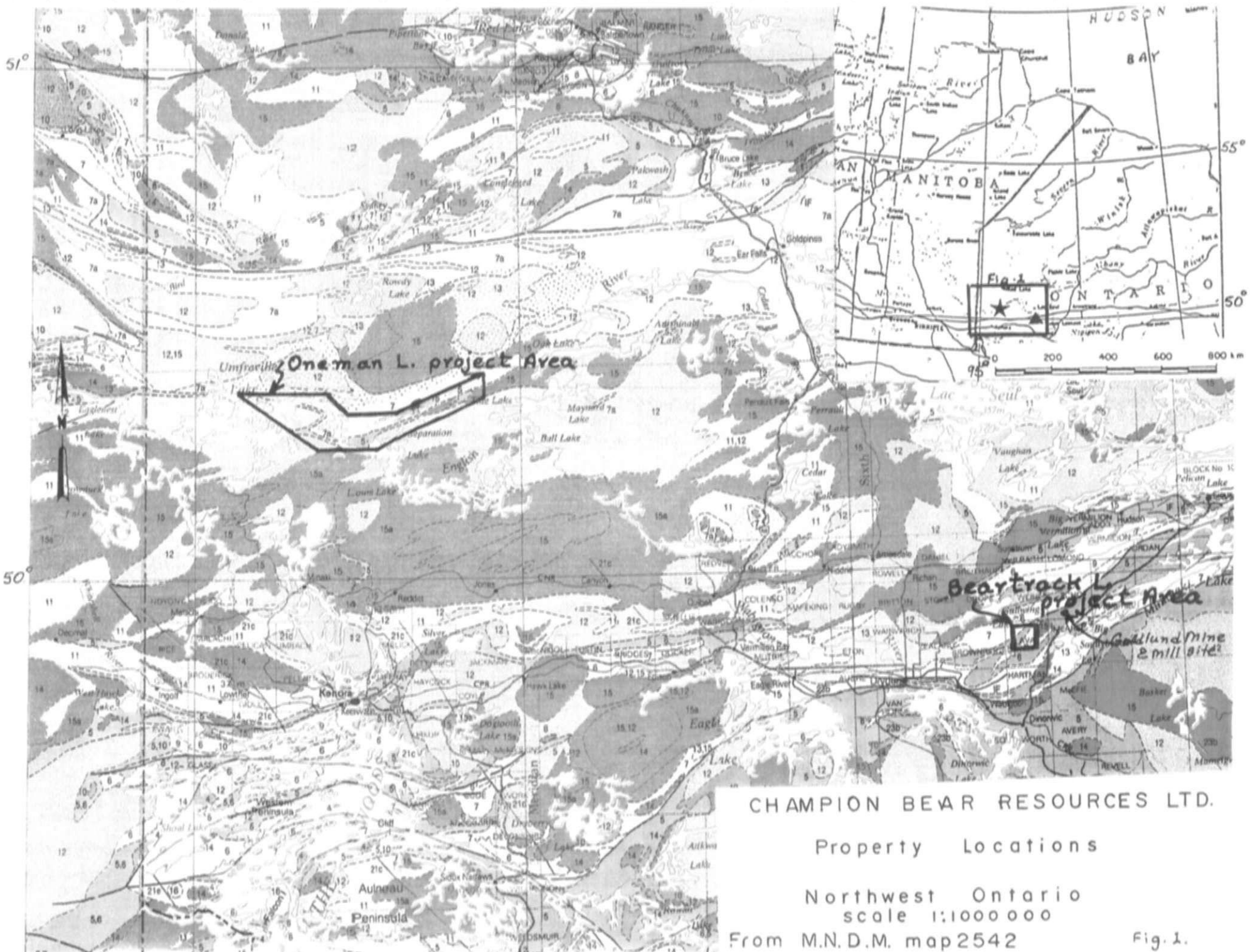
These claims are recorded under the following claim No: K's 1161172 to 1161185 inclusive.

Presently all 34 claims are recorded in the name of Champion Bear Resources Ltd.; 3805 - 7A Street S.W.; Calgary, Alberta; T2T 2Y8. Licence No: T5146.

All 34 unpatented mining claims are located in Laval Twp., claim map No: G-0823, of the Kenora Mining Division (Figure 1).

The property is centered approximately 25 km due east of the town of Dryden, Ontario.

Access to the property is via the Ghost lake-Gullwing Lake Road with trends east from the Dryden Airport. Access is also possible via a logging road from Highway 72, (Sioux Lookout Road).



CHAMPION BEAR RESOURCES LTD.

Property Locations

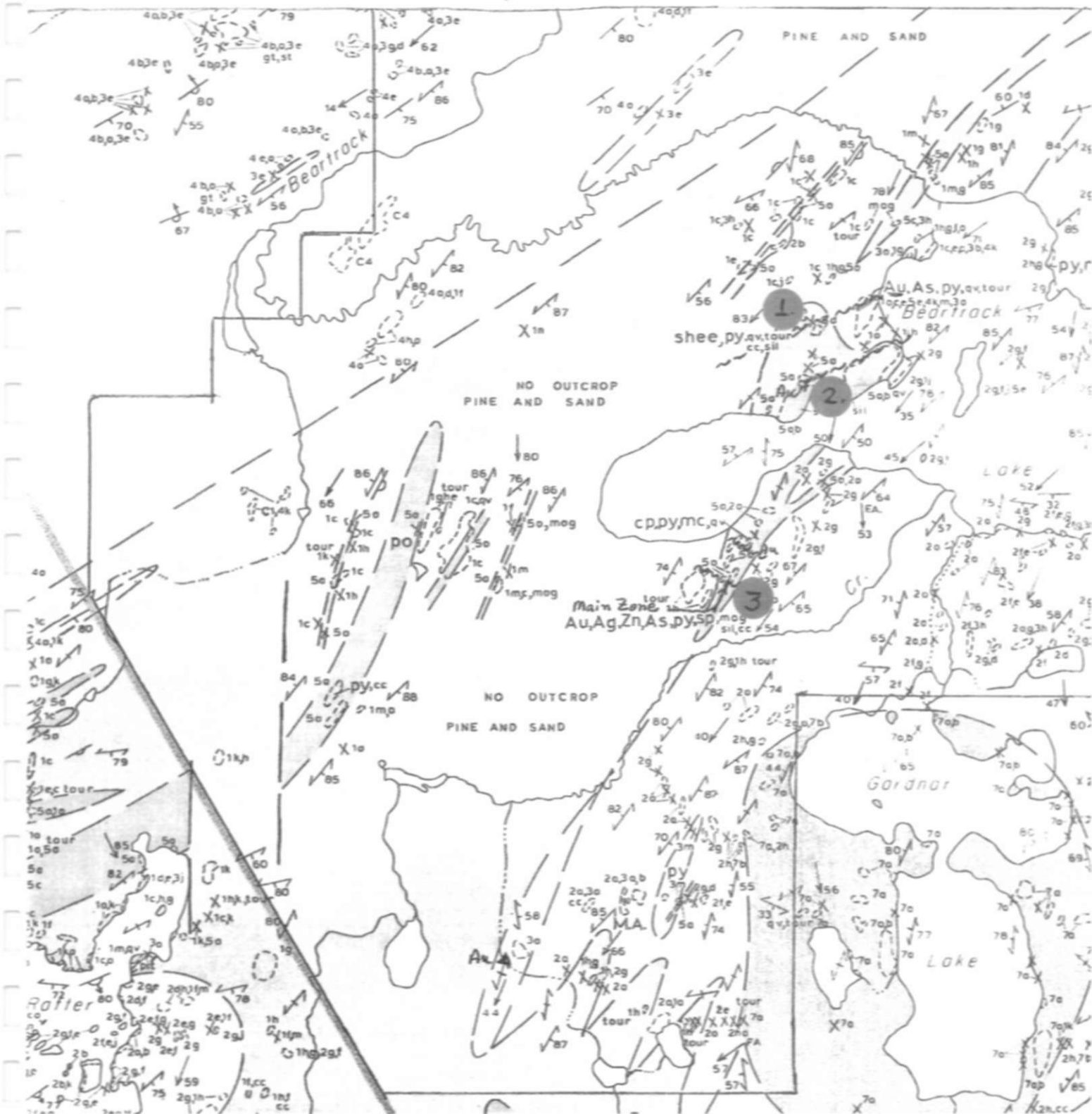
Northwest Ontario
scale 1:1000000

From M.N.D.M. map 2542

Fig. 1.

Some assay results:

1. after Glatz: 10.86 & 2.74 gm/t
2. " " : 21.74 & 9.6 gm/t
3. after Noranda: 13.5, 14.6, 15.4, 40.8 gm/t
- company sampling: 3.4, 7.9, 13.6, 29.5 gm/t



1 GOLD SHOWING

Scale: 1:20 000



BEARTRACK L. PROPERTY
LAVAL TP.

Property & location of showings

from M.N.D.M. map 2534.

Fig. 2

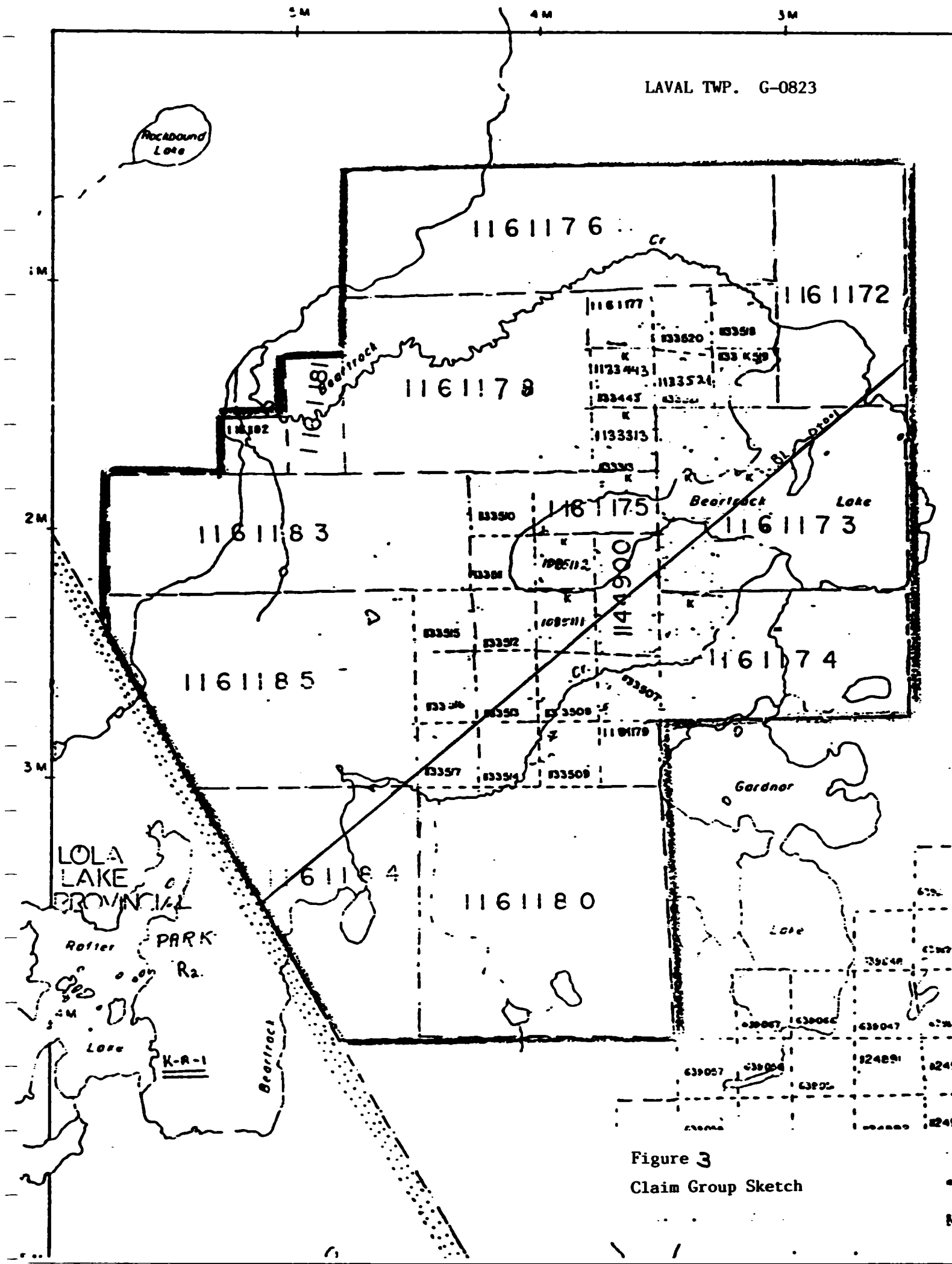


Figure 3
Claim Group Sketch

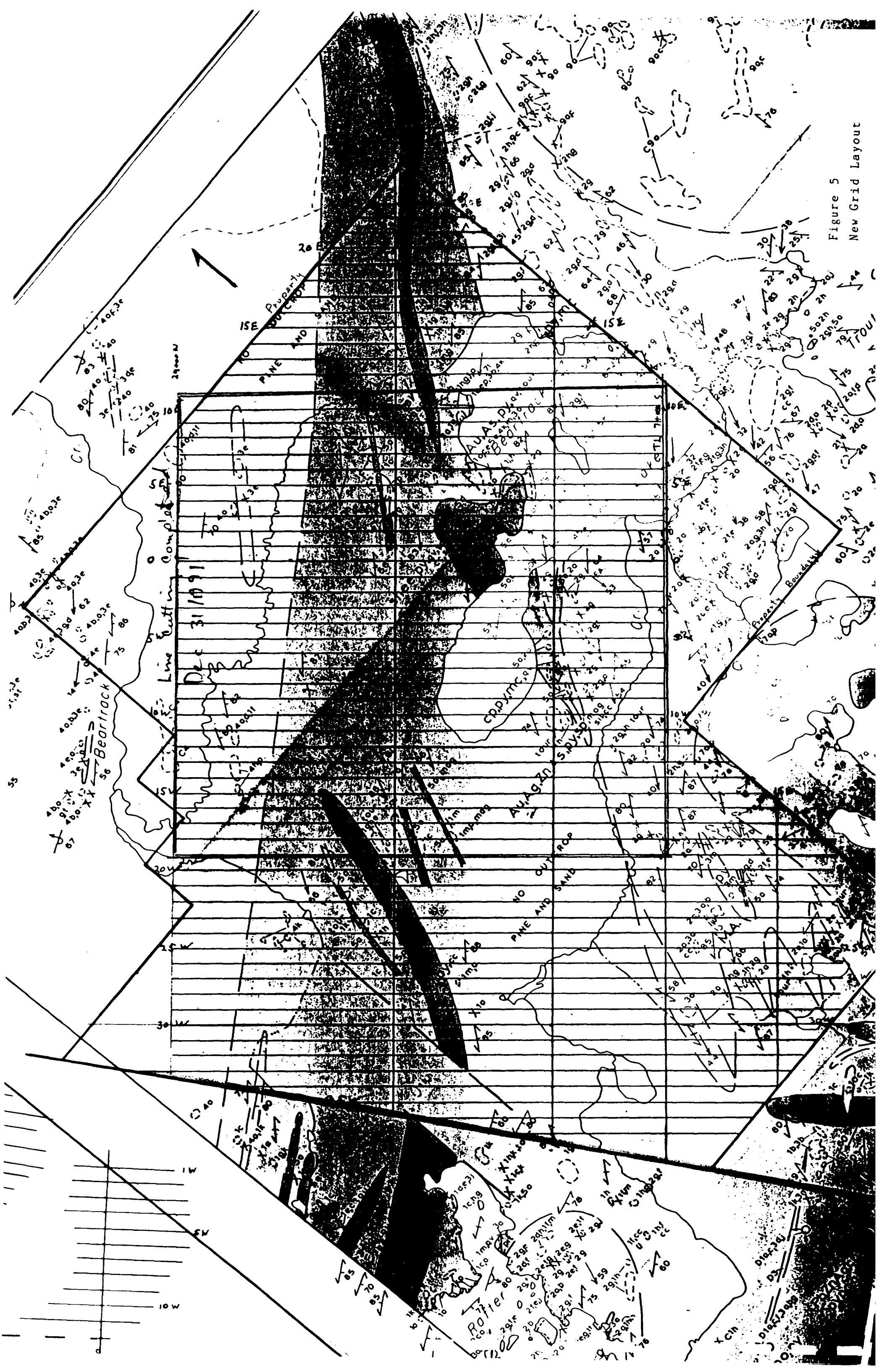


Figure 5
New Grid Layout

PROPERTY OWNERSHIP

Presently all 34 unpatented mining claims listed above are recorded, 100%, in the name of Champion Bear Resources Ltd. Licence No: T 5146.

PREVIOUS WORK

The main showing is known as the Graham Bousquet South Showing. Work was carried out in 1950-51, including diamond drilling. However, the data was misfiled at the government assessment office and no work has been carried out since that time. The Northern Miner reports values of 0.76 oz/t gold over 2.4 feet and 0.18 oz/t gold over 2.0 feet of core from the drilling program.

Two recent efforts of geological mapping by personnel of the Ontario Geological Survey are available. The structural and economic aspects of the area are illustrated on map P.3163, the Sandybeach Lake area by L.B. Charlton (1987) and the general geology is given in report 272 on "The Precambrian Geology of Laval and Hartman Townships" by B.R. Berger, 1990. Map No: 2534 accompanies this report.

Prospecting reports by Fairservice, Glatz and Noranda are also available in the assessment office.

GENERAL GEOLOGY

A gabbroic body has been intruded along the contact of mafic and intermediate volcanics. NE trending shears within most lithological units have been reported to carry low gold values. The high grade values appear within easterly trending fractures (70° to 120°). These are more tensional features with which alteration and high grade gold values are associated within the area. Although the zones identified to date are generally less than one meter in width, the potential for a much wider zone is considered to be very good. A review of airborne magnetic data would support this east to southeast structural trend through the disruption of magnetic contours.

SUMMARY OF WORK

LINE CUTTING

In the late summer-early fall of 1991 a grid was established covering both Bousquet North and South Showings (Figure 2). After some preliminary examinations of the area it was decided to expand the coverage in the area. As the two sections of grid cut on the north and south side of Beartrack Lake did not jibe well, a new grid was established for reference purposes for further work (Figure 3).

The results presented to date are tied into the "Old Grid".

GEOLOGY AND PROSPECTING

Reconnaissance geology was carried out by an Independent Exploration Services Ltd., company geologist along with a field assistant. Work, including mapping, sampling and prospecting were carried out until freeze up had occurred. The time was largely spent in the north portion of the gridded area. Activities included:

- a). mapping a portion of the gridded area on a 1:2500 scale (1 cm to 25 cm), using the old installed grid lines.
- b). sampling, especially on newly located mineralization occurrences, was carried out.

Previously discovered zones of Au and Zn mineralization, including the Bousquet N. and S. showings; Alex Glatz 1989 and R. Fairservice occurrences were located and examined.

New occurrences of Au-Zn mineralization (L3E) similar to previous occurrences, were located through prospecting. Prospecting was made difficult by a thick moss covering found in the area.

GEOPHYSICAL - MAGNETOMETER & VLF-EM SURVEY

During the late fall of 1991, the line cutting grid work had been completed and a VLF-EM Survey using an EDA OMNI Plus field unit, geophysical survey was initiated. The survey was not completed when winter freeze up occurred on the lake. The survey is scheduled for completion in February, 1992.

The contrast in magnetic characters between the rock type is a useful tool for defining contacts in overburdened areas.

The VLF-EM performed to date is useful in interpreting structural patterns.

Both magnetic and VLF-EM surveys will be conducted on the expanded grid.

An I.P. Survey has been completed over a 42 km line area of the grid as well (January, 1992).

SOIL GEOCHEMISTRY

An orientation soil sampling was carried out on a portion of the gridded area from L1W to L12W along the south side of Beartrack Lake, near to the Bousquet South Showing.

Soil geochem sampling appears to have limited use in this area:

- a). Poor Development of soil profile,
- b). Tremendous variation of overburden ranging from moss cover to 10 - 20 meters of sand and boulders to very wet swamp areas.

A sharp anomaly was defined on the showing located on (BL-L8+50W). However, a pit has been blasted, therefore the anomaly is probably due to deterioration and weathering of blast rock.

It is unlikely the soil geochem survey will be expanded.

MECHANICAL STRIPPING

Stripping, using a wajax pump was carried out on a small area near L3E until freeze up had covered.

Manual and mechanical stripping and sampling are effective tools for prospecting the area.

Target areas as defined by geophysical and geological surveys will be stripped and sampled where ever possible. A GGD "Beep Mat" geophysical EM instrument

is useful in detecting sulfides under relatively shallow, 0 -1 meter, of overburden. Thus helping to focus stripping and trenching.

This method of prospecting is proposed to aid in target evaluation prior to diamond drilling stage.

DISCUSSIONS

MAPPING AND PROSPECTING

The geology described by the field map obtained of the Beartrack Lake area is similar to interpretation by OGS mapping efforts, including B.R. Berger et al, 1987, 1988, in Precambrian Geology; Laval & Hartman Townships (1987), Map 2534, Geology Preliminary Map - Precambrian Geology Laval Township (1988) Map P.3108. Also, a map by L.B. Charlton (1990); Precambrian Geology, Sandybeach Lake Area Preliminary Map P.3163.

Within the mapped areas, various rock units were observed. an intrusive rock, metadiorite, is the predominant map unit. It is a medium grained to coarse grained crystalline unit, slight variable composition and texture occurs from the NE margin to the SW margin of the gridded area. It is enclosed in lower and upper units of the Neepawa metavolcanic group.

Contacts are readily interpreted along the north and south margins of this intrusive unit. Along the south margin of the metadiorite, a meta-andesite pyroclastic to tuffaceous unit occurs. (Rocks belonging to the upper division of the Neepawa metavolcanic group. This andesite-pyroclastic unit has coarse-angular component in its clastic material and is indicative of a fairly high energy environment.

The north margin of the diorite unit is formed by fine grained mafic metavolcanics (lower division of the Neepawa Group) and includes finely banded to tuffaceous units, with minor pillowed volcanics and late mafic dikeing, rare andesite flows. Along the north contact a weakly gossaned >2 meter wide zone was observed and sampled (esp. L2W to L4W area).

Along the north margin of the meta diorite, in the volcanic extrusive rocks, a magnetite-ironstone occurs approximately on the boundary between upper and lower units of the Neepawa Group. This is a narrow unit, of laminated magnetite-chert and is weakly gossaned. It was followed for some distance and sampled in various locations.

Within and near to the magnetite diorite various mineralized occurrences were located, especially nearest to the NE and SW margins of the magnetite diorite. Within the metavolcanic rocks along the NE margin of the meta diorite, the G. Bousquet North showing was located. The geology and mineralization is similar to description given by Charlton (1990). A number of samples were taken at this locale.

Along the SW margin of the metadiorite, within the metadiorite, the G. Bousquet shout showing was located. It has been mapped and sampled a number of times previously. The alteration and mineralization are similar to the description by Charlton (1990). The showing was sampled a number of time to duplicate previous values. Old drill holes by Bousquet Gold Mines (1950) were located by casing pipes left in place.

In addition, a number of narrow fracture-shear systems, mineralized Au, Py, located by Alex Glatz (1989) were located and examined. They are E-W trending discontinuous along strike, 6 - 12 feet in width, sheared metadiorite, silicified, with a narrow 2 inch milky quartz-zone, red stained, pyrite, with previous

assays ranging to 6.00 oz Au ton. These previous pits were located in the area of L1W, along the North margin of the metadiorite.

Also, near Alex Glatz's pits near L1W, a mineralized felsic-rhyodacite dike-swarm set was located and sampled. This white-beige finely fractured, weakly gossaned unit ranging to 4 feet width returned assay values ranging up to .1 oz/ton Au.

In addition a variety of new mineral occurrences were prospected, including narrow shears, E-W trending, in the L1W area. A number of quartz-tourmaline E-W trending veins, especially near L9W, were located and sampled. Weak shears, E-W trending, in the L1E area were examined in the metadiorite.

The most promising new mineral occurrence is a dilational fracture, mineralized Py, Au, N/IS trending in the L3E area, outlined by field prospecting along the north side of the lake. The mineralization is similar to the G. Bousquet South showing.

The southern portion of the zone is located along the top of the first ridge - metadiorite, north of the lake shore. Here it is a narrow zone; 8 feet of dilational fractured metadiorite, N/S trending, with an interior

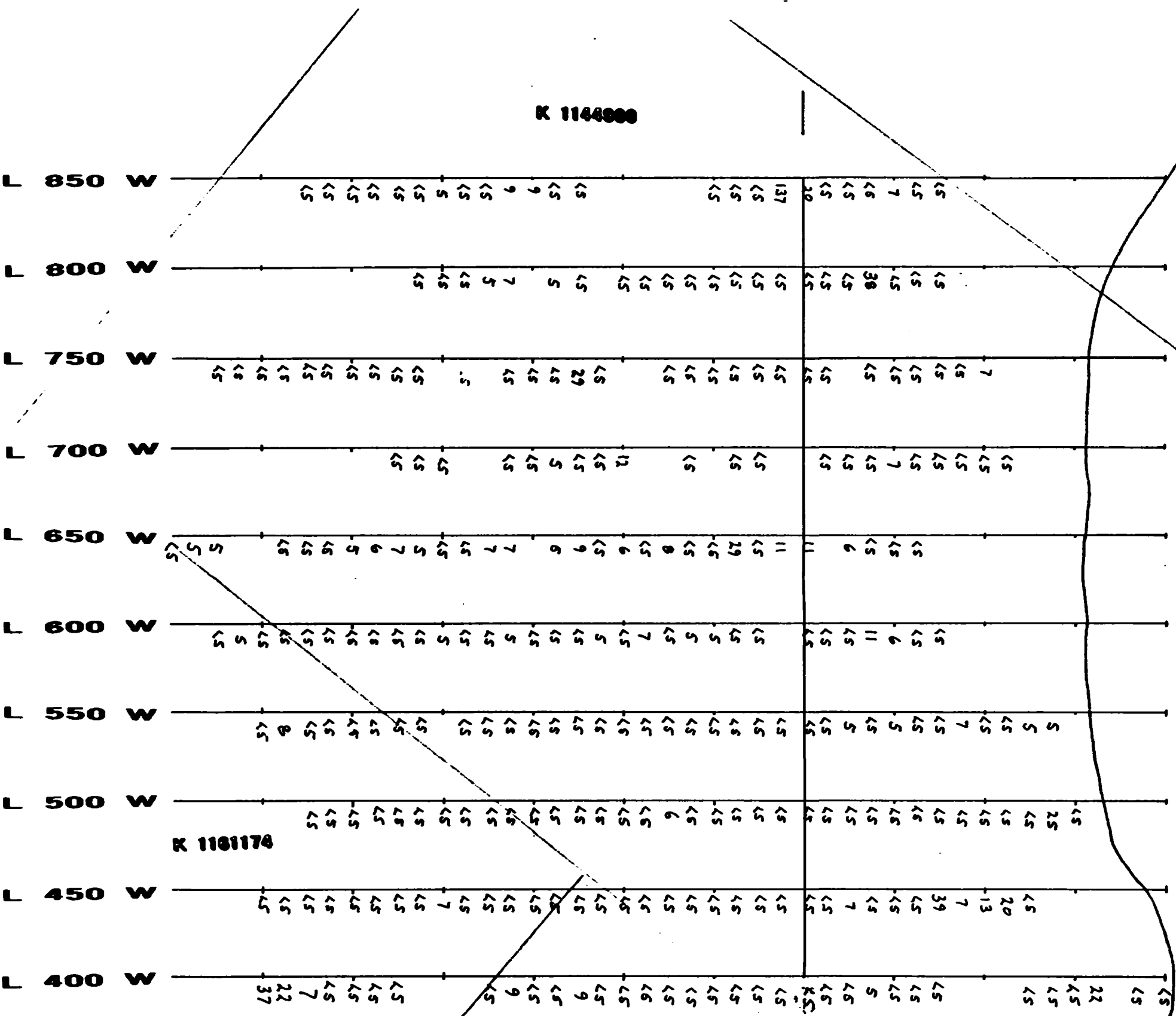
4 - 6 feet zone of silicified, variably sericitized, Py-mineralized altered metadiorite, with a narrow 3 inch zone of very fine grained milky quartz, with py 10 - 15%. This zone, on the following to the north 50 meters, leads to diorite rubble, sheared, gossaned, along the edge of a ridge. Further to the north are old workings on this silicified diorite zone. The new zone returned assay values ranging to 200 ppb Au. The mineralization at the old workings to the north returned assay values ranging to over .1 oz Au. The implications from prospecting in the L3E area are that this area has not been examined fully. Stripping along this zone was in progress till freeze up.

Signed by

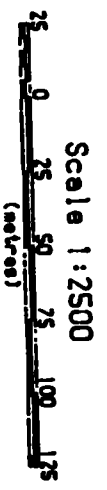


L.C. Chertko

March 17, 1992



CHAMPION BEAR RESOURCES LTD.
BEARTRACK LAKE PROPERTY
SOIL GEOCHEM - B HORIZON
ELEMENT AU(ppb)
 Survey by: I.E.S. LTD. Date: Oct. 1991

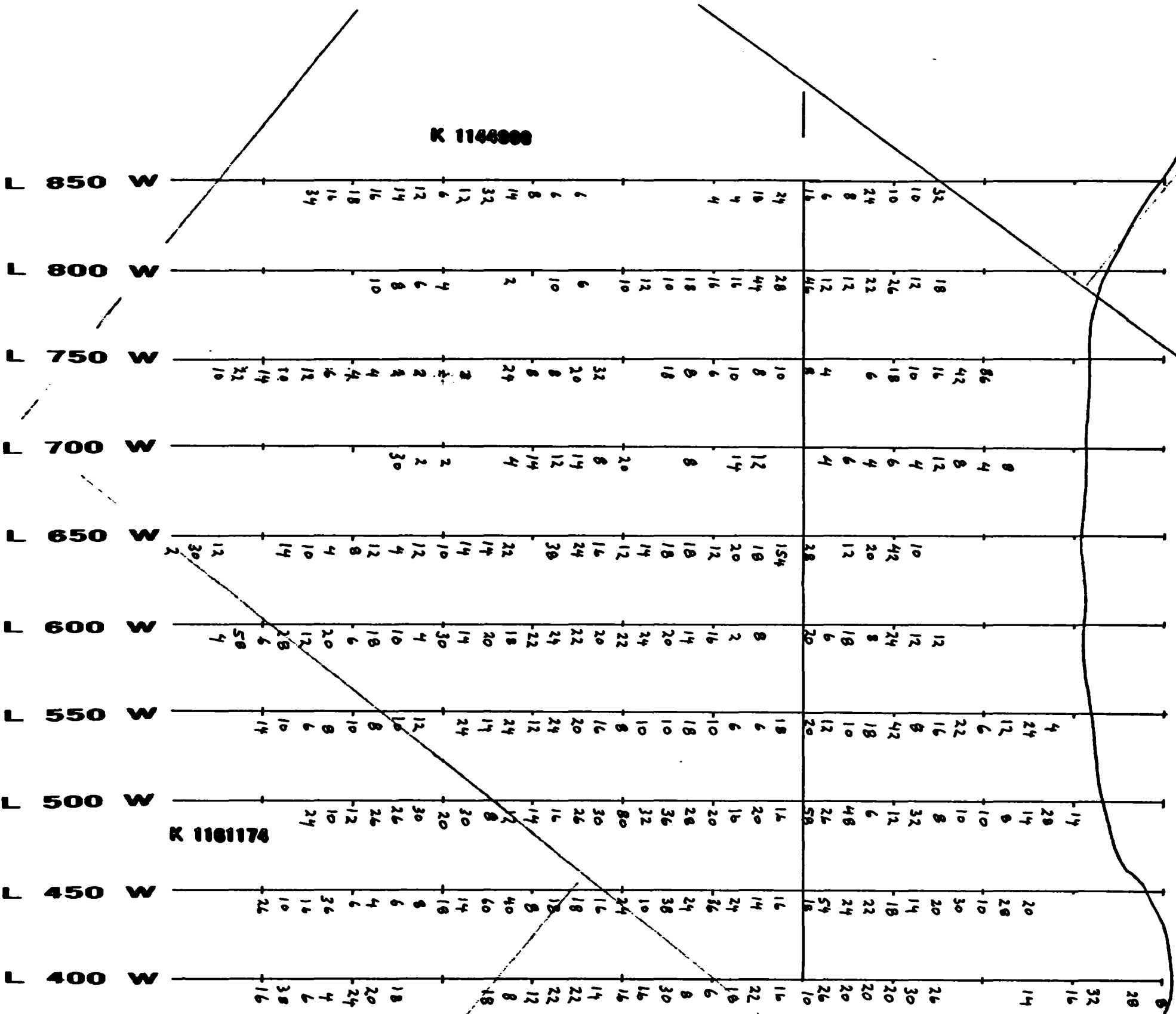


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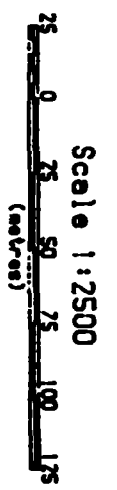
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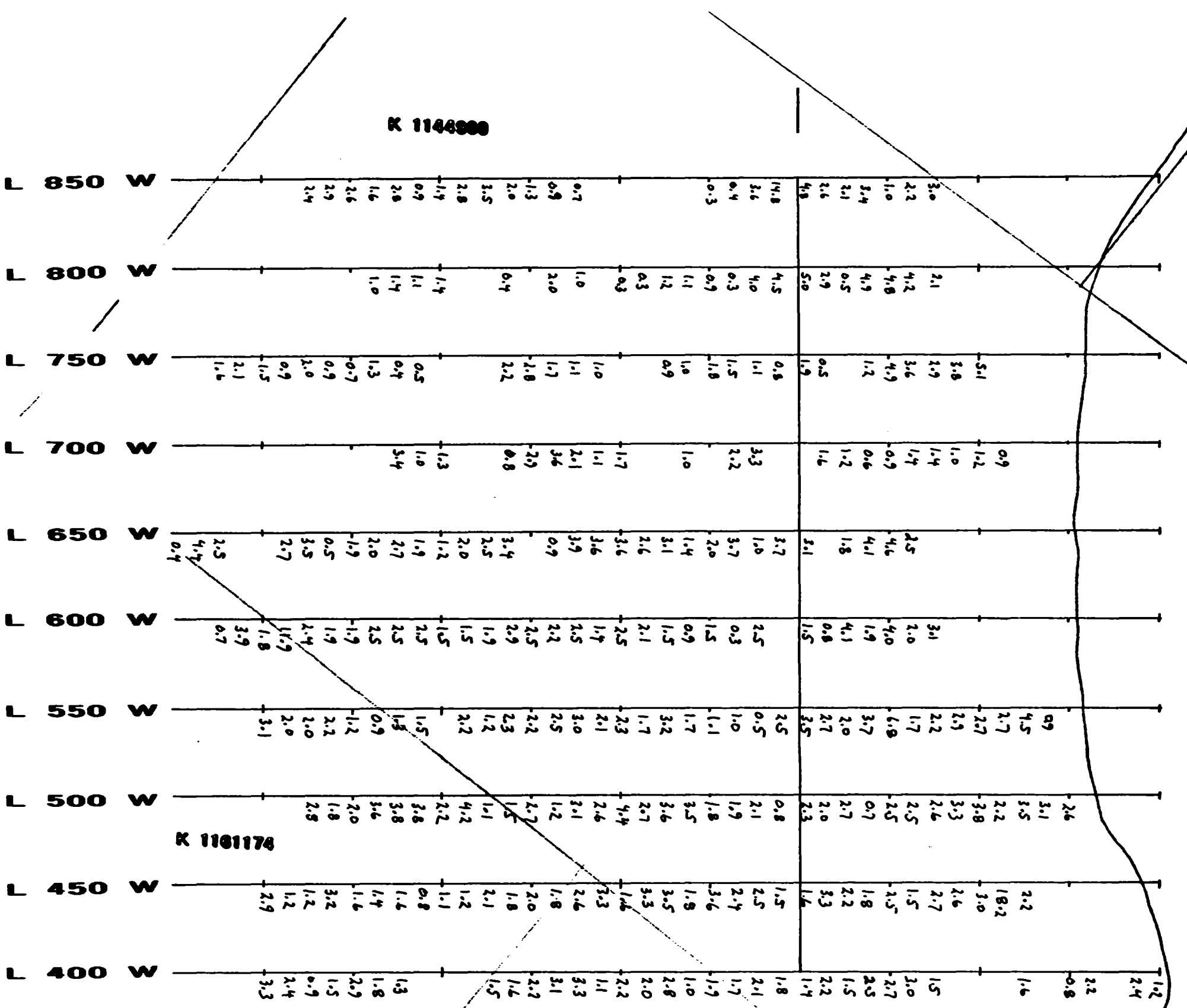
K 114600

R 110170



CHAMPION BEAR RESOURCES LTD.
BEATRACK LAKE PROPERTY
SOIL GEOCHEM - B HORIZON
ELEMENT CU(ppm)
 Survey by: I.E.S. LTD. Date: Oct. 1991



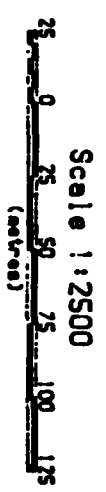


K 1148988

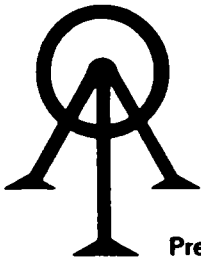
K 1181174

K 1181173

BL 00



CHAMPION BEAR RESOURCES LTD.
 BEARTRACK LAKE PROPERTY
 SOIL GEOCHEM - B HORIZON
 ELEMENT AS(ppm)
 Survey by: I.E.S. LTD. Date: Oct. 1991



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42163

Certificate of Analysis

Page: 1

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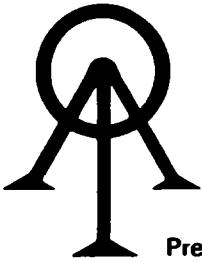
October 28

91

Work Order # : 181835
 Project :

SAMPLE NUMBERS	Customer	Gold ppb	Gold Oz/T	
Accurassay 288544	4701	<5	<0.002	
288545	4702	9	<0.002	
288546	4703	<5	<0.002	
288547	4704	<5	<0.002	
288548	4705	7	<0.002	
288549	4706	<5	<0.002	
288550	4707	<5	<0.002	
288551	4708	7	<0.002	
288552	4709	<5	<0.002	
288553	4710	<5	<0.002	
288553	4710	<5	<0.002	Check
288554	4711	<5	<0.002	
288555	4712	11	<0.002	
288556	4713	<5	<0.002	
288557	4714	<5	<0.002	
288558	4715	3202	0.093	
288559	4716	24	<0.002	
288560	4717	<5	<0.002	
288561	4718	7	<0.002	
288562	4719	<5	<0.002	
288562	4719	<5	<0.002	Check
288563	4720	9	<0.002	
288564	4721	11	<0.002	
288564	4721	5	<0.002	Check

Per: Harold Little



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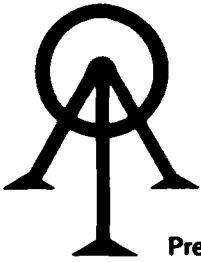
Lou Chastko
Independent Exploration

November 11, 1991

W.O.#: 181835

SAMPLE	ELEMENT												
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4701	6	55	9	37	0.1	18	23	510	4.53	14	5	45	
4702	7	197	3	41	<0.1	30	51	447	7.66	7	<3	144	
4703	6	21	6	110	0.1	21	40	937	7.75	5	<3	177	
4704	9	16	3	2	0.3	29	10	69	0.56	13	9	22	
4705	6	13	<2	4	0.4	24	12	475	0.88	19	3	25	
4706	7	16	<2	3	0.3	24	10	112	0.54	10	8	16	
4707	4	21	2	7	<0.1	18	20	367	1.12	15	5	14	
4708	5	29	2	22	<0.1	29	16	214	2.65	12	4	24	
4709	4	19	5	57	0.1	64	22	608	3.32	9	<3	52	
4710	3	13	5	102	<0.1	85	26	962	3.36	11	<3	43	
4711	6	11	10	16	0.7	46	12	284	0.81	17	15	22	
4712	3	11	2	8	0.5	22	16	368	0.80	14	12	11	
4713	4	41	5	124	<0.1	84	32	1110	6.24	8	<3	55	
4714	5	313	5	53	0.7	19	20	658	6.19	14	5	84	
4715	6	376	5	51	<0.1	17	50	358	6.51	5	<3	86	
4716	5	37	5	66	0.3	91	22	644	2.86	17	3	45	
4717	5	108	<2	18	<0.1	13	36	180	5.31	<2	<3	32	
4718	3	127	2	49	<0.1	57	35	513	4.10	<2	<3	61	
4719	4	5	<2	<1	<0.1	16	4	49	0.30	<2	<3	10	
4720	4	20	<2	<1	<0.1	12	8	98	0.45	2	5	8	
4721	3	85	3	77	0.4	36	28	765	5.43	11	<3	164	

Per: 



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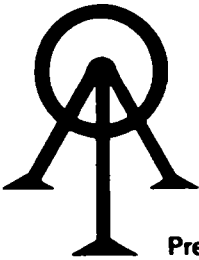
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October 28, 1991

WO #: 181829

	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	SB	BI
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4721	6	38	22	54	0.2	94	29	295	3.66	20	14	9
4722	9	134	7	122	4.9	49	19	204	8.46	48	8	3
4723	11	89	15	64	1.2	111	41	578	3.84	35	13	12
4724	6	504	52	360	3.5	90	33	489	5.16	38	10	5
4725	3	39	15	5	0.1	7	4	59	1.00	9	2	8
4726	6	231	15	19	1.0	45	17	393	1.45	24	7	9
4727	12	72	11	72	0.1	61	26	367	5.00	33	2	5
4728	4	15	8	19	0.3	44	14	175	1.72	11	4	6
4729	4	123	2	88	0.1	13	27	869	9.92	11	6	3
4730	5	72	2	55	0.1	9	16	556	9.58	21	4	3
4731	4	42	5	58	0.6	56	30	441	3.49	13	7	11
4732	5	128	2	49	0.1	15	21	510	8.52	14	7	3
4733	6	103	2	77	0.3	13	48	1079	10.00	21	5	3
4734	4	11	2	1	0.8	17	7	100	0.70	10	5	6
4735	5	66	2	30	0.3	12	24	230	7.87	10	2	3
4736	3	58	2	97	0.1	89	32	618	4.02	17	7	3
4737	2	115	2	163	0.1	89	31	667	4.98	24	5	3
4738	3	59	2	140	0.1	101	31	800	5.34	13	2	3
4739	3	181	2	62	0.1	7	26	593	9.05	11	2	3
4740	3	150	2	24	0.1	20	29	235	2.26	27	2	3
4741	3	127	9	42	0.7	16	28	257	2.25	29	9	14
4742	3	116	6	41	0.4	20	25	258	2.91	23	5	10
4743	2	129	2	76	0.1	69	35	598	5.51	46	2	3
4744	3	59	10	193	0.4	76	35	509	4.40	32	4	5
4745	2	53	4	59	0.1	36	14	446	5.05	11	2	3
4746	3	144	2	152	0.1	86	24	555	6.14	6	2	3
4747	3	78	2	33	0.1	9	11	161	2.70	9	2	3
4748	3	652	2	111	1.0	63	31	439	5.09	25	2	3

Per: Abund R. K.



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Certificate of Analysis

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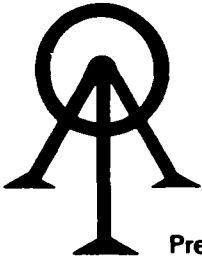
October 22

91

Work Order # : 181829
Project :

SAMPLE NUMBERS ^ccurassay	Customer	Gold ppb	Gold Oz/T	
288327	4721	<5	<0.002	
288328	4722	3228	0.094	
88329	4723	18	<0.002	
288330	4724	2010	0.058	
288331	4725	555	0.016	
88332	4726	16	<0.002	
88333	4728	45	<0.002	
288334	4729	3495	0.102	
288335	4730	13	<0.002	
88336	4731	8	<0.002	
288336	4731	5	<0.002	Check
288337	4732	5	<0.002	
88338	4733	8	<0.002	
88339	4734	13	<0.002	
288340	4735	10	<0.002	
88341	4736	21	<0.002	
88342	4737	16	<0.002	
288343	4738	18	<0.002	
288344	4739	<5	<0.002	
88345	4740	13	<0.002	
288345	4740	13	<0.002	Check
288346	4741	18	<0.002	
88347	4742	18	<0.002	
88348	4743	21	<0.002	
288349	4744	34	<0.002	
88350	4745	127	0.004	
88351	4746	13	<0.002	
288352	4747	13	<0.002	
288353	4748	100	0.003	
88354	4749	201	0.006	
288354	4749	227	0.007	Check

Per: Shaul Rabin



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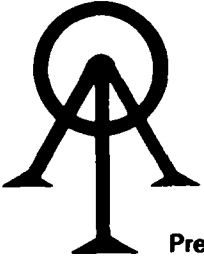
October 18

91

Work Order # : 181828
Project :

Accurassay	SAMPLE NUMBERS	Customer	Gold ppb	Gold Oz/T	
288272	PL7+50W	1+0 0-N	7	<0.002	
288273	PL7+50W ST	0+87.5-N	<5	<0.002	
288274	PL7+50W ST	0+75 -N	<5	<0.002	
288275	PL7+50W ST	0+62.5-N	<5	<0.002	
288276	PL7+50W ST	0+50 -N	<5	<0.002	
288277	PL7+50W ST	0+37.5-N	<5	<0.002	
288278	PL7+50W ST	0+12.5-N	<5	<0.002	
288279	PL7+50W ST	0+00-BL	<5	<0.002	
288280	PL7+50W ST	0+12.5-S	<5	<0.002	
288281	PL7+50W ST	0+25 -S	<5	<0.002	
288281	PL7+50W ST	0+25 -S	<5	<0.002	Check
288282	PL7+50W ST	0+37.5-S	<5	<0.002	
288283	PL7+50W ST	0+50 -S	<5	<0.002	
288284	PL7+50W ST	0+62.5-S	<5	<0.002	
288285	PL7+50W ST	0+75 -S	<5	<0.002	
288286	PL7+50W ST	1+12.5-S	<5	<0.002	
288287	PL7+50W ST	1+25 -S	29	<0.002	
288288	PL8+00W ST	1+25 -S	<5	<0.002	
288289	PL8+00W ST	1+0 0-S	<5	<0.002	
288290	PL8+00W ST	0+87.5-S	<5	<0.002	
288290	PL8+00W ST	0+87.5-S	<5	<0.002	Check
288291	PL8+00W ST	0+75 -S	<5	<0.002	
288292	PL8+00W ST	0+62.5-S	<5	<0.002	
288293	PL8+00W ST	0+50 -S	<5	<0.002	
288294	PL8+00W ST	0+37.5-S	<5	<0.002	
288295	PL8+00W ST	0+25 -S	<5	<0.002	
288296	PL8+00W ST	0+12.5-S	<5	<0.002	
288297	PL8+00W ST	0+00-BL	<5	<0.002	
288298	PL8+00W ST	0+12.5-N	<5	<0.002	
288299	PL8+00W ST	0+25 -N	<5	<0.002	
288299	PL8+00W ST	0+25 -N	<5	<0.002	Check

Per: Alfred Lubbo



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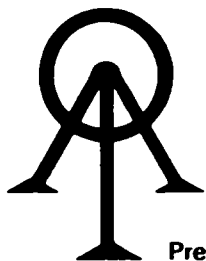
October 18

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Work Order # : 181828
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
288300	PL8+00W ST 0+37.5-N	38	<0.002	
288301	PL8+00W ST 0+50 -N	<5	<0.002	
288302	PL8+00W ST 0+62.5-N	<5	<0.002	
288303	PL8+00W ST 0+75 -N	<5	<0.002	
288304	PL8+50W ST 2+75 -S	<5	<0.002	
288305	PL8+50W ST 2+68 -S	<5	<0.002	
288306	PL8+50W ST 2+50 -S	<5	<0.002	
288307	PL8+50W ST 2+37.5-S	<5	<0.002	
288308	PL8+50W ST 2+25 -S	<5	<0.002	
288308	PL8+50W ST 2+25 -S	<5	<0.002	Check
288309	PL8+50W ST 2+12.5-S	<5	<0.002	
288310	PL8+50W ST 1+87.5-S	<5	<0.002	
288311	PL8+50W ST 1+75 -S	<5	<0.002	
288312	PL8+50W ST 1+62.5-S	9	<0.002	
288313	PL8+50W ST 1+50 -S	9	<0.002	
288314	PL8+50W ST 1+37.5-S	<5	<0.002	
288315	PL8+50W ST 1+25.5-S	<5	<0.002	
288316	PL8+50W ST 0+50 -S	<5	<0.002	
288317	PL8+50W ST 0+37.5-S	<5	<0.002	
288317	PL8+50W ST 0+37.5-S	<5	<0.002	Check
288318	PL8+50W ST 0+25 -S	<5	<0.002	
288319	PL8+50W ST 0+12.5-S	137	0.004	
288320	PL8+50W ST 0+00-BL	20	<0.002	
288321	PL8+50W ST 0+12.5-N	<5	<0.002	
288322	PL8+50W ST 0+25 -N	<5	<0.002	
288323	PL8+50W ST 0+37.5-N	<5	<0.002	
288324	PL8+50W ST 0+50 -N	7	<0.002	
288325	PL8+50W ST 0+62.5-N	<5	<0.002	
288326	PL8+50W ST 0+75 -N	<5	<0.002	
288326	PL8+50W ST 0+75 -N	5	<0.002	Check

Per: _____



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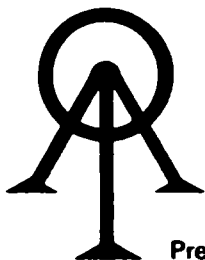
November 18

91

Work Order # : 181845B
 Project :

Accurassay	SAMPLE NUMBERS Customer		Gold ppb	Gold Oz/T	
289028	L 6+00W 0+0	S	<5	<0.002	
289029	L 6+00W 0+25	S	<5	<0.002	
289030	L 6+00W 0+37.5	S	<5	<0.002	
289031	L 6+00W 0+50	S	5	<0.002	
289032	L 6+00W 0+62.5	S	5	<0.002	
289033	L 6+00W 0+75	S	<5	<0.002	
289034	L 6+00W 0+87.5	S	7	<0.002	
289035	L 6+00W 1+00	S	<5	<0.002	
289036	L 6+00W 1+12.5	S	5	<0.002	
289037	L 6+00W 1+25	S	<5	<0.002	
289037	L 6+00W 1+25	S	<5	<0.002	Check
289038	L 6+00W 1+37.5	S	<5	<0.002	
289039	L 6+00W 1+50	S	<5	<0.002	
289040	L 6+00W 1+62.5	S	5	<0.002	
289041	L 6+00W 1+75	S	<5	<0.002	
289042	L 6+00W 1+87.5	S	<5	<0.002	
289043	L 6+00W 2+00	S	5	<0.002	
289044	L 6+00W 2+12.5	S	<5	<0.002	
289045	L 6+00W 2+25	S	<5	<0.002	
289046	L 6+00W 2+37.5	S	<5	<0.002	
289046	L 6+00W 2+37.5	S	7	<0.002	Check
289047	L 6+00W 2+50	S	<5	<0.002	
289048	L 6+00W 2+62.5	S	<5	<0.002	
289049	L 6+00W 2+75	S	<5	<0.002	
289050	L 6+00W 2+87.5	S	<5	<0.002	
289051	L 6+00W 3+00	S	<5	<0.002	
289052	L 6+00W 3+12.5	S	5	<0.002	
289053	L 6+00W 3+25	S	<5	<0.002	
289054	L 6+00W 3+00A	S	<5	<0.002	
289055	L 6+00W 0+12.5	N	<5	<0.002	
289055	L 6+00W 0+12.5	N	<5	<0.002	Check

Per: Michael Lubitz



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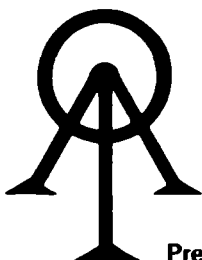
November 18

91

Work Order # : 181845B
 Project :

Accurassay	SAMPLE NUMBERS	Customer	Gold ppb	Gold Oz/T	
289056	L 6+00W	0+25 N	<5	<0.002	
289057	L 6+00W	0+37.5 N	11	<0.002	
289058	L 6+00W	0+50 N	6	<0.002	
289059	L 6+00W	0+62.5 N	<5	<0.002	
289060	L 6+00W	0+75 N	<5	<0.002	
289061	L 6+50W	A 0+00 S	11	<0.002	
289062	L 6+50W	A 0+12.5 S	11	<0.002	
289063	L 6+50W	A 0+25 S	<5	<0.002	
289064	L 6+50W	A 0+37.5 S	29	<0.002	
289064	L 6+50W	A 0+37.5 S	26	<0.002	Check
289065	L 6+50W	A 0+50 S	<5	<0.002	
289066	L 6+50W	A 0+62.5 S	<5	<0.002	
289067	L 6+50W	A 0+62.5AS	7	<0.002	
289068	L 6+50W	A 0+75 S	8	<0.002	
289069	L 6+50W	A 0+87.5 S	<5	<0.002	
289070	L 6+50W	A 1+00 S	6	<0.002	
289071	L 6+50W	A 1+12.5 S	<5	<0.002	
289072	L 6+50W	A 1+25 S	9	<0.002	
289073	L 6+50W	A 1+37.5 S	5	<0.002	
289073	L 6+50W	A 1+37.5 S	11	<0.002	Check
289074	L 6+50W	A 1+62.5 S	7	<0.002	
289075	L 6+50W	A 1+75 S	7	<0.002	
289076	L 6+50W	A 1+87.5 S	<5	<0.002	
289077	L 6+50W	A 2+00 S	<5	<0.002	
289078	L 6+50W	A 2+12.5 S	5	<0.002	
289079	L 6+50W	A 2+25 S	7	<0.002	
289080	L 6+50W	A 2+37.5 S	6	<0.002	
289081	L 6+50W	A 2+50 S	5	<0.002	
289082	L 6+50W	A 2+62.5 S	<5	<0.002	
289082	L 6+50W	A 2+62.5 S	<5	<0.002	Check
289083	L 6+50W	A 2+75 S	<5	<0.002	

Per: *Howard Roberts*



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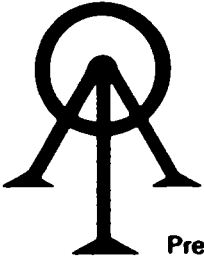
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WINNIPEG, MAN
R3K 1Z9

November 18

91

Work Order # : 181845B
Project :

SAMPLE NUMBERS		Gold	Gold
Accurassay	Customer	ppb	Oz/T
289084	L 6+50W A 2+87.5 S	<5	<0.002
289085	L 6+50W A 3+25 S	5	<0.002
289086	L 6+50W A 3+37.5 S	5	<0.002
289087	L 6+50W A 3+50 S	<5	<0.002
289088	L 6+50W B 0+25 N	6	<0.002
289089	L 6+50W B 0+37.5 N	<5	<0.002
289090	L 6+50W B 0+50 N	<5	<0.002
289091	L 6+50W B 0+62.5 N	<5	<0.002
289091	L 6+50W B 0+62.5 N	<5	<0.002 Check



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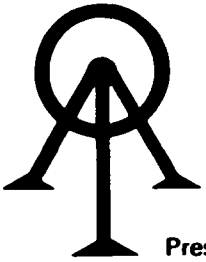
November 20

91

Work Order # : 181845C
 Project :

SAMPLE NUMBERS			Gold	Gold	
Accurassay	Customer		ppb	Oz/T	
289092	PL 7+50W A 1+25	S	5	<0.002	
289093	PL 7+50W A 1+37.5	S	<5	<0.002	
289094	PL 7+50W A 1+50	S	<5	<0.002	
289095	PL 7+50W A 1+62.5	S	<5	<0.002	
289096	PL 7+50W A 2+12.5	S	<5	<0.002	
289097	PL 7+50W A 2+25	S	<5	<0.002	
289098	PL 7+50W A 2+37.5	S	<5	<0.002	
289099	PL 7+50W A 2+50	S	<5	<0.002	
289100	PL 7+50W A 2+62.5	S	<5	<0.002	
289101	PL 7+50W A 2+75	S	<5	<0.002	
289101	PL 7+50W A 2+75	S	<5	<0.002	Check
289102	PL 7+50W A 2+87.5	S	<5	<0.002	
289103	PL 7+50W A 3+00	S	<5	<0.002	
289104	PL 7+50W A 3+12.5	S	<5	<0.002	
289105	PL 7+50W A 3+25	S	<5	<0.002	
289106	PL 7+00W B 0+25	S	<5	<0.002	
289107	PL 7+00W B 0+37.5	S	<5	<0.002	
289108	PL 7+00W B 0+62.5	S	<5	<0.002	
289109	PL 7+00W B 1+00	S	12	<0.002	
289110	PL 7+00W B 1+12.5	S	<5	<0.002	
289110	PL 7+00W B 1+12.5	S	<5	<0.002	Check
289111	PL 7+00W B 1+25	S	<5	<0.002	
289112	PL 7+00W B 1+37.5	S	5	<0.002	
289113	PL 7+00W B 1+50	S	<5	<0.002	
289114	PL 7+00W B 1+62.5	S	<5	<0.002	
289115	PL 7+00W B 2+00	S	<5	<0.002	
289116	PL 7+00W B 2+12.5	S	<5	<0.002	
289117	PL 7+00W B 2+25	S	<5	<0.002	
289118	PL 7+00W B 0+12.5	N	<5	<0.002	
289119	PL 7+00W B 0+25	N	<5	<0.002	
289119	PL 7+00W B 0+25	N	<5	<0.002	Check

Per: *Edward Lupton*



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November 20

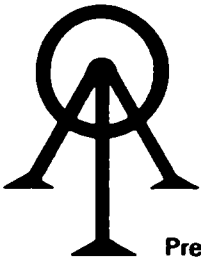
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Work Order # : 181845C
 Project :

Accurassay	SAMPLE NUMBERS Customer	Gold ppb	Gold Oz/T
:89120	PL 7+00W B 0+37.5 N	<5	<0.002
289121	PL 7+00W B 0+50 N	7	<0.002
289122	PL 7+00W B 0+62.5 N	<5	<0.002
89123	PL 7+00W B 0+75 N	<5	<0.002
89124	PL 7+00W B 0+87.5 N	<5	<0.002
289125	PL 7+00W B 1+00 N	<5	<0.002
89126	PL 7+00W B 1+12.5 N	<5	<0.002
89127	PL 8+50W 1+50 S	5	<0.002
289128	PL 8+50W 2+00 S	5	<0.002
289128	PL 8+50W 2+00 S	<5	<0.002 Check
89129	PL 8+00W B 1+37.5 S	5	<0.002
289130	PL 8+00W B 1+62.5 S	7	<0.002
289131	PL 8+00W B 2+00 S	5	<0.002
89132	PL 8+00W B 2+12.5 S	<5	<0.002
89133	PL 8+00W B 2+25 S	<5	<0.002
289134	PL 8+00W B 2+37.5 S	<5	<0.002
89134	PL 8+00W B 2+37.5 S	<5	<0.002 Check

Per: *Paul Ladd*

ORIGINAL



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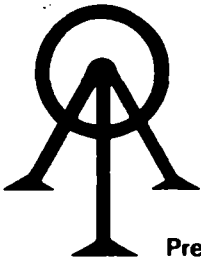
November 20

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Work Order # : 181845D
Project :

SAMPLE NUMBERS		Gold	Gold	
Accurassay	Customer	ppb	Oz/T	
89255	PL5+50W ST 0+12.5 N	<5	<0.002	
289256	PL5+50W ST 0+25 N	5	<0.002	
89257	PL5+50W ST 0+37.5 N	<5	<0.002	
89258	PL5+50W ST 0+50 N	5	<0.002	
289259	PL5+50W ST 0+62.5 N	<5	<0.002	
289260	PL5+50W ST 0+75 N	<5	<0.002	
89261	PL5+50W ST 0+87.5 N	7	<0.002	
89262	PL5+50W ST 1+00 N	<5	<0.002	
289263	PL5+50W ST 1+12.5 N	<5	<0.002	
89264	PL5+50W ST 1+25 N	5	<0.002	
89264	PL5+50W ST 1+25 N	<5	<0.002	Check
289265	PL5+50W ST 1+37.5 N	5	<0.002	
289265	PL5+50W ST 1+37.5 N	<5	<0.002	Check

Per: _____



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48124

Certificate of Analysis

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Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

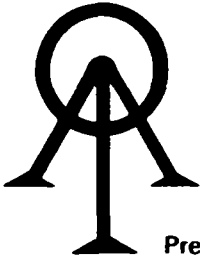
November 13

91

Work Order # : 181845
Project : SOILS

Accurassay	SAMPLE NUMBERS Customer	Gold ppb	Gold Oz/T	
88901	BPL4+00W-ST0+12.5 S	<5	<0.002	
288902	BPL4+00W-ST0+25 S	<5	<0.002	
288903	BPL4+00W-ST0+37.5 S	<5	<0.002	
88904	BPL4+00W-ST0+50 S	<5	<0.002	
88905	BPL4+00W-ST0+62.5 S	<5	<0.002	
288906	BPL4+00W-ST0+75 S	<5	<0.002	
88907	BPL4+00W-ST0+87.5 S	<5	<0.002	
88908	BPL4+00W-ST1+00 S	<5	<0.002	
288909	BPL4+00W-ST1+12.5 S	<5	<0.002	
288910	BPL4+00W-ST1+25 S	9	<0.002	
88910	BPL4+00W-ST1+25 S	13	<0.002	Check
288911	BPL4+00W-ST1+37.5 S	<5	<0.002	
288912	BPL4+00W-ST1+50 S	<5	<0.002	
88913	BPL4+00W-ST1+62.5 S	9	<0.002	
88914	BPL4+00W-ST1+75 S	<5	<0.002	
288915	BPL4+00W-ST2+25 S	<5	<0.002	
88916	BPL4+00W-ST2+37.5 S	<5	<0.002	
88917	BPL4+00W-ST2+50 S	<5	<0.002	
288918	BPL4+00W-ST2+62.5 S	<5	<0.002	
288919	BPL4+00W-ST2+75 S	7	<0.002	
88919	BPL4+00W-ST2+75 S	5	<0.002	Check
88920	BPL4+00W-ST2+87.5 S	22	<0.002	
288921	BPL4+00W-ST3+00 S	37	<0.002	
88922	BPL4+00W-ST0+00 N	<5	<0.002	
88923	BPL4+00W-ST0+12.5 N	<5	<0.002	
288924	BPL4+00W-ST0+25 N	<5	<0.002	
88925	BPL4+00W-ST0+37.5 N	5	<0.002	
88926	BPL4+00W-ST0+50 N	<5	<0.002	
288927	BPL4+00W-ST0+62.5 N	<5	<0.002	
288928	BPL4+00W-ST0+75 N	<5	<0.002	
88928	BPL4+00W-ST0+75 N	<5	<0.002	Check

Per: Hand Labile



ACCURASSAY LABORATORIES
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 BOX 426
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 TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

48125

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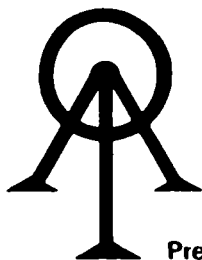
Lou Chastko
 Independent Expl. Services Ltd
 P.O. Box 7, Station A
 WINNIPEG, MAN
 R3K 1Z9

November 13 91

Work Order # : 181845
 Project : SOILS

SAMPLE NUMBERS	Customer	Gold ppb	Gold Oz/T	
288929	BPL4+00W-ST1+25 N	45	<0.002	
288930	BPL4+00W-ST1+50 N	45	<0.002	
88931	BPL4+00W-ST1+62.5 N	22	<0.002	
288932	BPL4+00W-ST1+87.5 N	45	<0.002	
288933	BPL4+00W-ST2+00 N	45	<0.002	
88934	BPL4+50W-0+12.5 S	45	<0.002	
88935	BPL4+50W-0+25 S	45	<0.002	
288936	BPL4+50W-0+37.5 S	45	<0.002	
88937	BPL4+50W-0+50 S	45	<0.002	Check
88937	BPL4+50W-0+50 S	45	<0.002	
288938	BPL4+50W-0+62.5 S	45	<0.002	
288939	BPL4+50W-0+75 S	45	<0.002	
88940	BPL4+50W-0+87.5 S	45	<0.002	
288941	BPL4+50W-1+00 S	45	<0.002	
288942	BPL4+50W-1+12.5 S	45	<0.002	
88943	BPL4+50W-1+25 S	45	<0.002	
88944	BPL4+50W-1+37.5 S	45	<0.002	
288945	BPL4+50W-1+50 S	45	<0.002	
288946	BPL4+50W-1+62.5 S	45	<0.002	
88946	BPL4+50W-1+62.5 S	45	<0.002	Check
288947	BPL4+50W-1+75 S	45	<0.002	
288948	BPL4+50W-1+87.5 S	45	<0.002	
88949	BPL4+50W-2+00 S	7	<0.002	
38950	BPL4+50W-2+12.5 S	45	<0.002	
288951	BPL4+50W-2+25 S	45	<0.002	
38952	BPL4+50W-2+37.5 S	45	<0.002	
38953	BPL4+50W-2+50 S	45	<0.002	
288954	BPL4+50W-2+62.5 S	45	<0.002	
288955	BPL4+50W-2+75 S	45	<0.002	
38955	BPL4+50W-2+75 S	45	<0.002	Check
288956	BPL4+50W-2+87.5 S	45	<0.002	

Per: Abund Latet



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BOX 426

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48133

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Page: 1

Lou Chastko
Independent Expl. Services Ltd
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WINNIPEG, MAN
R3K 1Z9

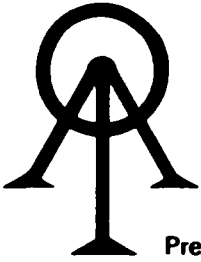
November 14

91

Work Order # : 181845A
Project :

Accurassay	SAMPLE NUMBERS Customer	Gold ppb	Gold Oz/T	
288969	B-PL5+00WST0+00	<5	<0.002	
288970	B-PL5+00WST0+12.5 S	<5	<0.002	
288971	B-PL5+00WST0+25 S	<5	<0.002	
288972	B-PL5+00WST0+37.5 S	<5	<0.002	
288973	B-PL5+00WST0+50 S	<5	<0.002	
288974	B-PL5+00WST0+62.5 S	<5	<0.002	
288975	B-PL5+00WST0+75 S	6	<0.002	
288976	B-PL5+00WST0+87.5 S	<5	<0.002	
288977	B-PL5+00WST1+00 S	<5	<0.002	
288978	B-PL5+00WST1+12.5 S	<5	<0.002	
288978	B-PL5+00WST1+12.5 S	<5	<0.002	Check
288979	B-PL5+00WST1+25 S	<5	<0.002	
288980	B-PL5+00WST1+37.5 S	<5	<0.002	
288981	B-PL5+00WST1+50 S	<5	<0.002	
288982	B-PL5+00WST1+62.5 S	<5	<0.002	
288983	B-PL5+00WST1+75 S	<5	<0.002	
288984	B-PL5+00WST1+87.5 S	<5	<0.002	
288985	B-PL5+00WST2+00 S	<5	<0.002	
288986	B-PL5+00WST2+12.5 S	<5	<0.002	
288987	B-PL5+00WST2+25 S	<5	<0.002	
288987	B-PL5+00WST2+25 S	<5	<0.002	Check
288988	B-PL5+00WST2+37.5 S	<5	<0.002	
288989	B-PL5+00WST2+50 S	<5	<0.002	
288990	B-PL5+00WST2+62.5 S	<5	<0.002	
288991	B-PL5+00WST2+75 S	<5	<0.002	
288992	B-PL5+00WST0+12.5 N	<5	<0.002	
288993	B-PL5+00WST0+25 N	<5	<0.002	
288994	B-PL5+00WST0+37.5 N	<5	<0.002	
288995	B-PL5+00WST0+50 N	<5	<0.002	
288996	B-PL5+00WST0+62.5 N	<5	<0.002	
288996	B-PL5+00WST0+62.5 N	<5	<0.002	Check

Per: Handwritten Signature



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 KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

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Lou Chastko
 Independent Expl. Services Ltd
 P.O. Box 7, Station A
 WINNIPEG, MAN
 R3K 1Z9

November 14

91

Work Order # : 181845A
 Project :

Accurassay	SAMPLE NUMBERS	Customer	Gold ppb	Gold Oz/T	
288997	B-PL5+00WST0+75	N	<5	<0.002	
288998	B-PL5+00WST0+87.5	N	<5	<0.002	
288999	B-PL5+00WST1+00	N	<5	<0.002	
289000	B-PL5+00WST1+12.5	N	<5	<0.002	
289001	B-PL5+00WST1+25	N	<5	<0.002	
289002	B-PL5+00WST1+37.5	N	25	<0.002	
289003	B-PL5+00WST1+50	N	<5	<0.002	
289004	B-PL5+50W	0+0 S	<5	<0.002	
289005	B-PL5+50W	0+12.5 S	<5	<0.002	
289005	B-PL5+50W	0+12.5 S	<5	<0.002	Check
289006	B-PL5+50W	0+25 S	<5	<0.002	
289007	B-PL5+50W	0+37.5 S	<5	<0.002	
289008	B-PL5+50W	0+50.5 S	<5	<0.002	
289009	B-PL5+50W	0+62.5 S	<5	<0.002	
289010	B-PL5+50W	0+75 S	<5	<0.002	
289011	B-PL5+50W	0+87.5 S	<5	<0.002	
289012	B-PL5+50W	1+0 S	<5	<0.002	
289013	B-PL5+50W	1+12.5 S	<5	<0.002	
289014	B-PL5+50W	1+25 S	<5	<0.002	
289014	B-PL5+50W	1+25 S	<5	<0.002	Check
289015	B-PL5+50W	1+37.5 S	<5	<0.002	
289016	B-PL5+50W	1+50 S	<5	<0.002	
289017	B-PL5+50W	1+62.5 S	<5	<0.002	
289018	B-PL5+50W	1+75 S	<5	<0.002	
289019	B-PL5+50W	1+87.5 S	<5	<0.002	
289020	B-PL5+50W	2+12.5 S	<5	<0.002	
289021	B-PL5+50W	2+25 S	<5	<0.002	
289022	B-PL5+50W	2+37.5 S	<5	<0.002	
289023	B-PL5+50W	2+50 S	<5	<0.002	
289023	B-PL5+50W	2+50 S	<5	<0.002	Check
289024	B-PL5+50W	2+62.5 S	<5	<0.002	

Per: *Thom Sabbe*



5735 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 PHONE: (416) 890-8566
 FAX: (416) 890-8575

22-Oct-91

R. Kantor
 CHAMPION BEAR RESOURCES LTD.
 3705-7A Street SW
 Calgary, Alberta
 T2T 2Y8

Page: 1
 Copy: 2 of 3

Attn: L.Chastko
 Project:

Received: 21-Oct-91 12:03
 PO #: W/O 181828

Job: 911349

Status: Final

Sample Id	Cu	Zn	As
	AA ppm	AA ppm	Hyd-AA ppm
PL7+50W 1+00N	86	82	5.1
PL7+50W 0+87.5N	42	67	3.8
PL7+50W 0+75N	16	75	2.9
PL7+50W 0+62.5N	10	20	3.6
PL7+50W 0+50N	18	76	4.9
PL7+50W 0+37.5N	6	19	1.2
PL7+50W 0+12.5N	4	11	0.5
PL7+50W 0+00BL	8	21	1.9
PL7+50W 0+12.5S	10	35	0.8
PL7+50W 0+25S	8	25	1.1
PL7+50W 0+37.5S	10	28	1.5
PL7+50W 0+50S	6	24	1.8
PL7+50W 0+62.5S	8	17	1.0
PL7+50W 0+75S	18	29	0.9
PL7+50W 1+12.5S	32	25	1.0
PL7+50W 1+25S	20	20	1.1
PL8+00W 1+25S	6	15	1.0
PL8+00W 1+00S	10	12	0.3
PL8+00W 0+87.5S	12	14	0.3
PL8+00W 0+75S	10	25	1.2
PL8+00W 0+62.5S	18	15	1.1
PL8+00W 0+50S	16	14	0.9
PL8+00W 0+37.5S	16	12	0.3
PL8+00W 0+25S	44	110	4.0
PL8+00W 0+12.5S	28	160	4.5
PL8+00W 0+00BL	46	280	5.0



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R. Kantor
 CHAMPION BEAR RESOURCES LTD.
 3705-7A Street SW
 Calgary, Alberta
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Page: 2
 Copy: 2 of 3

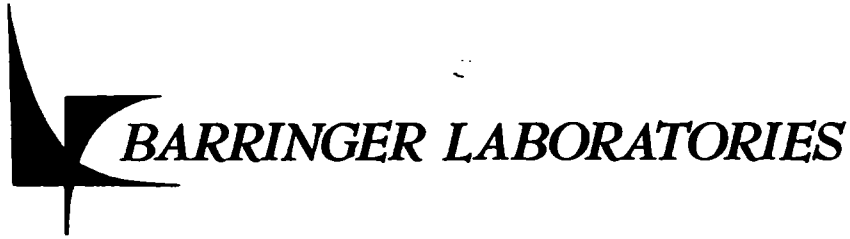
Attn: L.Chastko
 Project:

Received: 21-Oct-91 12:03
 PO #: W/O 181828

Job: 911349

Status: Final

Sample Id	Cu	Zn	As
	AA DDM	AA DDM	Hyd-AA DDM
PL8+00W 0+12.5N	12	27	2.9
PL8+00W 0+25N	12	10	0.5
PL8+00W 0+37.5N	22	54	4.9
PL8+00W 0+50N	26	200	4.8
PL8+00W 0+62.5N	12	44	4.2
PL8+00W 0+75N	18	39	2.1
PL8+50W 2+75S	34	43	2.4
PL8+50W 2+68S	16	49	2.9
PL8+50W 2+50S	18	120	2.6
PL8+50W 2+37.5S	16	21	1.6
PL8+50W 2+25S	14	30	2.8
PL8+50W 2+12.5S	12	13	0.9
PL8+50W 1+87.5S	12	21	2.8
PL8+50W 1+75S	32	58	3.5
PL8+50W 1+62.5S	14	70	2.0
PL8+50W 1+50S	8	55	1.3
PL8+50W 1+37.5S	6	42	0.9
PL8+50W 1+25.5S	6	12	0.7
PL8+50W 0+50S	4	7	0.3
PL8+50W 0+37.5S	4	9	0.4
PL8+50W 0+25S	18	70	3.6
PL8+50W 0+12.5S	24	210	14.8
PL8+50W 0+00BL	16	76	4.8
PL8+50W 0+12.5N	6	33	2.6
PL8+50W 0+25N	8	30	2.1
PL8+50W 0+37.5N	24	86	3.4



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22-Oct-91

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3705-7A Street SW
Calgary, Alberta
T2T 2Y8

Page: 3
Copy: 2 of 3

Attn: L.Chastko
Project:

Received: 21-Oct-91 12:03
PO #: W/O 181828

Job: 911349 Status: Final

Sample Id	Cu	Zn	As
	AA	AA	Hyd-AA
	ppm	ppm	ppm
PL8+50W 0+50N	10	17	1.0
PL8+50W 0+62.5N	10	17	2.2
PL8+50W 0+75N	32	17	3.0



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22-Oct-91

R. Kantor
CHAMPION BEAR RESOURCES LTD.
3705-7A Street SW
Calgary, Alberta
T2T 2Y8

Page: 4
Copy: 2 of 3

Attn: L.Chastko
Project:

Received: 21-Oct-91 12:03
PO #: W/O 181828

Job: 911349

Status: Final

Abbreviations:

Parameters:

Cu : Copper
Zn : Zinc
As : Arsenic .

Methods:

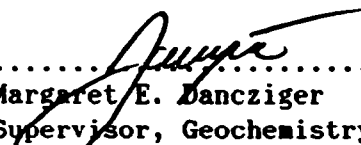
AA : Atomic Absorption
Hyd-AA : Hydride Atomic Absorption

Units:

ppm : parts per million

Job approved by:

Signed:


.....
Margaret E. Dancziger
Supervisor, Geochemistry/Fire Assay Services



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 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
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22-Nov-91

R. Kantor
 CHAMPION BEAR RESOURCES LTD.
 3705-7A Street SW
 Calgary, Alberta
 T2T 2Y8

Page: 1
 Copy: 2 of 3

Attn: Lou Chastko
 Project:

Received: 15-Nov-91 17:00
 PO #: W/O 181845/45A

Job: 911368

Status: Final

Sample Id	Cu	Zn	As
	AA DDM	AA DDM	Hyd-AA DDM
BPL4+00W-ST0+12.5S	16	58	1.8
BPL4+00W-ST0+25S	22	66	2.1
BPL4+00W-ST0+37.5S	18	50	1.7
BPL4+00W-ST0+50S	6	58	1.9
BPL4+00W-ST0+62.5S	8	63	1.0
BPL4+00W-ST0+75S	30	90	2.8
BPL4+00W-ST0+87.5S	16	87	2.0
BPL4+00W-ST1+00S	16	75	2.2
BPL4+00W-ST1+12.5S	14	46	1.1
BPL4+00W-ST1+25S	22	53	3.3
BPL4+00W-ST1+37.5S	22	69	3.1
BPL4+00W-ST1+50S	12	89	2.2
BPL4+00W-ST1+62.5S	8	31	1.6
BPL4+00W-ST1+75S	18	42	1.5
BPL4+00W-ST2+25S	18	77	1.3
BPL4+00W-ST2+37.5S	20	87	1.8
BPL4+00W-ST2+50S	24	68	2.9
BPL4+00W-ST2+62.5S	4	16	1.5
BPL4+00W-ST2+75S	6	17	0.9
BPL4+00W-ST2+87.5S	38	51	2.4
BPL4+00W-ST3+00S	16	42	3.3
BPL4+00W-ST0+00N	10	68	1.4
BPL4+00W-ST0+12.5N	26	51	2.2
BPL4+00W-ST0+25N	20	81	1.5
BPL4+00W-ST0+37.5N	20	87	2.5
BPL4+00W-ST0+50N	20	59	2.7



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22-Nov-91

R. Kantor
 CHAMPION BEAR RESOURCES LTD.
 3705-7A Street SW
 Calgary, Alberta
 T2T 2Y8

Page: 2
 Copy: 2 of 3

Attn: Lou Chastko
 Project:

Received: 15-Nov-91 17:00
 PO #: W/O 181845/45A

Job: 911368 Status: Final

Sample Id	Cu	Zn	As
	AA DDM	AA DDM	Hyd-AA DDM
BPL4+00W-ST0+62.5N	30	72	3.0
BPL4+00W-ST0+75N	26	40	1.5
BPL4+00W-ST1+25N	14	45	1.6
BPL4+00W-ST1+50N	16	52	0.8
BPL4+00W-ST1+62.5N	32	57	2.2
BPL4+00W-ST1+87.5N	28	39	2.4
BPL4+00W-ST2+00N	8	17	1.2
BPL4+50W-ST0+12.5S	16	52	1.5
BPL4+50W-ST0+25S	14	45	2.5
BPL4+50W-ST0+37.5S	24	110	2.4
BPL4+50W-ST0+50S	36	110	3.6
BPL4+50W-ST0+62.5S	24	160	1.8
BPL4+50W-ST0+75S	38	120	3.5
BPL4+50W-ST0+87.5S	10	71	3.3
BPL4+50W-ST1+00S	24	110	1.6
BPL4+50W-ST1+12.5S	16	105	3.3
BPL4+50W-ST1+25S	18	105	2.6
BPL4+50W-ST1+37.5S	18	310	1.8
BPL4+50W-ST1+50S	8	51	2.0
BPL4+50W-ST1+62.5S	40	105	1.8
BPL4+50W-ST1+75S	60	74	2.1
BPL4+50W-ST1+87.5S	14	42	1.2
BPL4+50W-ST2+00S	18	42	1.1
BPL4+50W-ST2+12.5S	8	21	0.8
BPL4+50W-ST2+25S	6	21	1.6
BPL4+50W-ST2+37.5S	4	16	1.4



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22-Nov-91

R. Kantor
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 3705-7A Street SW
 Calgary, Alberta
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Page: 3
 Copy: 2 of 3

Attn: Lou Chastko
 Project:

Received: 15-Nov-91 17:00
 PO #: W/O 181845/45A

Job: 911368 Status: Final

Sample Id	Cu AA DDM	Zn AA DDM	As Hyd-AA DDM
BPL4+50W-ST2+50S	6	42	1.6
BPL4+50W-ST2+62.5S	36	60	3.2
BPL4+50W-ST2+75S	16	70	1.2
BPL4+50W-ST2+87.5S	10	63	1.2
BPL4+50W-ST3+00S	26	39	2.9
BPL4+50W-ST0+00N	18	62	1.6
BPL4+50W-ST0+12.5N	54	105	3.3
BPL4+50W-ST0+25N	24	67	2.2
BPL4+50W-ST0+37.5N	22	47	1.8
BPL4+50W-ST0+50N	18	73	2.5
BPL4+50W-ST0+62.5N	14	120	1.5
BPL4+50W-ST0+75N	20	110	2.7
BPL4+50W-ST0+87.5N	30	37	2.6
BPL4+50W-ST1+00N	10	52	3.0
BPL4+50W-ST1+12.5N	28	150	18.2
BPL4+50W-ST1+25N	20	24	2.2
BPL5+00W-ST0+00S	58	64	2.3
BPL5+00W-ST0+12.5S	16	52	0.8
BPL5+00W-ST0+25S	20	120	2.1
BPL5+00W-ST0+37.5S	16	83	1.9
BPL5+00W-ST0+50S	20	39	1.8
BPL5+00W-ST0+62.5S	28	110	3.5
BPL5+00W-ST0+75S	36	84	3.6
BPL5+00W-ST0+87.5S	32	43	2.7
BPL5+00W-ST1+00S	80	73	4.4
BPL5+00W-ST1+12.5S	30	120	2.6



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Page: 4
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Attn: Lou Chastko
 Project:

Received: 15-Nov-91 17:00
 PO #: W/O 181845/45A

Job: 911368 Status: Final

Sample Id	Cu	Zn	As
	AA ppm	AA ppm	Hyd-AA ppm
BPL5+00W-ST1+25S	26	320	3.1
BPL5+00W-ST1+37.5S	16	58	1.2
BPL5+00W-ST1+50S	14	85	2.7
BPL5+00W-ST1+62.5S	12	50	1.5
BPL5+00W-ST1+75S	8	41	1.1
BPL5+00W-ST1+87.5S	30	48	4.2
BPL5+00W-ST2+00S	20	110	2.2
BPL5+00W-ST2+12.5S	30	48	3.8
BPL5+00W-ST2+25S	26	57	3.8
BPL5+00W-ST2+37.5S	26	84	3.6
BPL5+00W-ST2+50S	12	43	2.0
BPL5+00W-ST2+62.5S	10	68	1.8
BPL5+00W-ST2+75S	24	120	2.8
BPL5+00W-ST0+12.5N	26	49	2.0
BPL5+00W-ST0+25N	48	82	2.7
BPL5+00W-ST0+37.5N	6	20	0.7
BPL5+00W-ST0+50N	12	73	2.5
BPL5+00W-ST0+62.5N	32	68	2.5
BPL5+00W-ST0+75N	8	40	2.6
BPL5+00W-ST0+87.5N	10	44	3.3
BPL5+00W-ST1+00N	10	51	3.8
BPL5+00W-ST1+12.5N	8	34	2.2
BPL5+00W-ST1+25N	14	48	3.5
BPL5+00W-ST1+37.5N	28	61	3.1
BPL5+00W-ST1+50N	14	36	2.6
BPL5+50W 0+00S	20	80	3.5



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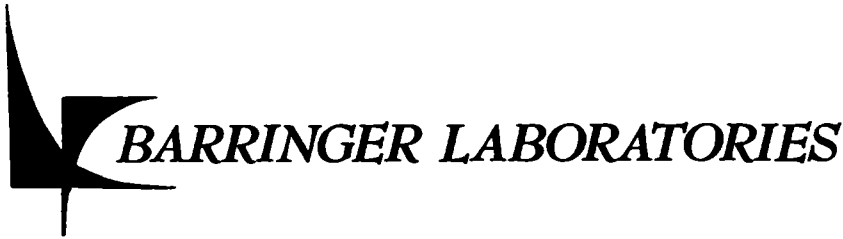
Attn: Lou Chastko
 Project:

Received: 15-Nov-91 17:00
 PO #: W/O 181845/45A

Job: 911368

Status: Final

Sample Id	Cu	Zn	As
	AA DDM	AA DDM	Hyd-AA DDM
BPL5+50W 0+12.5S	18	50	2.5
BPL5+50W 0+25S	6	17	0.5
BPL5+50W 0+37.5S	6	23	1.0
BPL5+50W 0+50.5S	10	29	1.1
BPL5+50W 0+62.5S	18	57	1.7
BPL5+50W 0+75S	10	80	3.2
BPL5+50W 0+87.5S	10	56	1.7
BPL5+50W 1+00S	8	73	2.3
BPL5+50W 1+12.5S	16	140	2.1
BPL5+50W 1+25S	20	54	3.0
BPL5+50W 1+37.5S	24	42	2.5
BPL5+50W 1+50S	12	48	2.2
BPL5+50W 1+162.5S	24	77	2.3
BPL5+50W 1+75S	14	130	1.2
BPL5+50W 1+87.5S	24	48	2.2
BPL5+50W 2+12.5S	12	86	1.5
BPL5+50W 2+25S	10	30	1.3
BPL5+50W 2+37.5S	8	25	0.9
BPL5+50W 2+50S	10	39	1.2
BPL5+50W 2+62.5S	8	41	2.2
BPL5+50W 2+75S	6	19	2.0
BPL5+50W 2+87.5S	10	53	2.0
BPL5+50W 3+00S	14	130	3.1



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Attn: Lou Chastko
Project:

Received: 15-Nov-91 17:00
PO #: W/O 181845/45A

Job: 911368

Status: Final

Abbreviations:

Parameters:

Cu : Copper
Zn : Zinc
As : Arsenic

Methods:

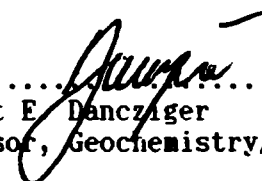
AA : Atomic Absorption
Hyd-AA : Hydride Atomic Absorption

Units:

ppm : parts per million

Job approved by:

Signed:


.....
Margaret E. Dancziger
Supervisor, Geochemistry/Fire Assay Services



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Page: 1
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Attn: Lou Chastko
 Project:

Received: 18-Nov-91 12:26
 PO #: 181845B/45C/45D

Job: 911370

Status: Final

Sample Id	Cu	Zn	As
	AA DDM	AA DDM	Hyd-AA DDM
L5+50W 0+12.5N	12	35	2.7
L5+50W 0+25N	10	68	2.0
L5+50W 0+37.5N	18	220	3.7
L5+50W 0+50N	42	110	6.8
L5+50W 0+62.5N	8	30	1.7
L5+50W 0+75N	16	70	3.2
L5+50W 0+87.5N	22	70	2.9
L5+50W 1+00N	6	22	2.7
L5+50W 1+12.5N	12	45	2.7
L5+50W 1+25N	24	22	4.5
L5+50W 1+37.5N	4	18	0.9
L6+00W 0+00S	8	17	1.4
L6+00W 0+25S	8	41	2.5
L6+00W 0+37.5S	2	13	0.3
L6+00W 0+50S	16	49	1.5
L6+00W 0+62.5S	14	49	0.9
L6+00W 0+75S	20	35	1.5
L6+00W 0+87.5S	24	77	2.1
L6+00W 1+00S	22	130	2.5
L6+00W 1+12.5S	20	72	1.4
L6+00W 1+25S	22	120	2.5
L6+00W 1+37.5S	24	80	2.2
L6+00W 1+50S	22	81	2.5
L6+00W 1+62.5S	18	35	2.9
L6+00W 1+75S	20	80	1.9
L6+00W 1+87.5S	14	68	1.5



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Attn: Lou Chastko
 Project:

Received: 18-Nov-91 12:26
 PO #: 181845B/45C/45D

Job: 911370

Status: Final

Sample Id	Cu	Zn	As
	AA ppm	AA ppm	Hyd-AA ppm
L6+00W 2+00S	30	68	1.5
L6+00W 2+12.5S	4	81	2.5
L6+00W 2+25S	10	81	2.5
L6+00W 2+37.5S	18	50	2.5
L6+00W 2+50S	6	24	1.9
L6+00W 2+62.5S	20	67	1.9
L6+00W 2+75S	12	50	2.4
L6+00W 2+87.5S	28	115	11.9
L6+00W 3+00S	6	21	1.8
L6+00W 3+00A S	6	27	2.2
L6+00W 3+12.5S	58	105	3.9
L6+00W 3+25S	4	14	0.7
L6+00W 0+12.5N	6	14	0.8
L6+00W 0+25N	18	58	4.1
L6+00W 0+37.5N	8	24	1.9
L6+00W 0+50N	24	48	4.0
L6+00W 0+62.5N	12	85	2.0
L6+00W 0+75N	12	68	3.1
L6+50W A 0+00S	28	230	3.1
L6+50W A 0+12.5S	154	300	3.7
L6+50W A 0+25S	18	130	1.0
L6+50W A 0+37.5S	20	340	3.7
L6+50W A 0+50S	12	71	2.0
L6+50W A 0+62.5S	18	53	1.4
L6+50W A 0+62.5AS	16	135	3.9
L6+50W A 0+75S	18	47	3.1



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Attn: Lou Chastko
 Project:

Received: 18-Nov-91 12:26
 PO #: 181845B/45C/45D

Job: 911370

Status: Final

Sample Id	Cu	Zn	As
	AA	AA	Hyd-AA
	DDM	DDM	DDM
L6+50W A 0+87.5S	14	55	2.6
L6+50W A 1+00S	12	63	3.6
L6+50W A 1+12.5S	16	42	3.6
L6+50W A 1+25S	24	64	3.9
L6+50W A 1+37.5S	38	73	0.9
L6+50W A 1+62.5S	22	105	3.4
L6+50W A 1+75S	14	58	2.5
L6+50W A 1+87.5S	14	58	2.0
L6+50W A 2+00S	10	59	1.2
L6+50W A 2+12.5S	12	29	1.9
L6+50W A 2+25S	4	35	2.7
L6+50W A 2+37.5S	12	65	2.0
L6+50W A 2+50S	8	29	1.9
L6+50W A 2+62.5S	4	13	0.5
L6+50W A 2+75S	10	73	3.5
L6+50W A 2+87.5S	14	83	2.7
L6+50W A 3+25S	12	28	2.5
L6+50W A 3+37.5S	30	76	4.4
L6+50W A 3+50S	2	9	0.4
L6+50W B 0+25N	12	88	1.8
L6+50W B 0+37.5N	20	180	4.1
L6+50W B 0+50N	42	48	4.6
L6+50W B 0+62.5N	10	165	2.5
L7+50W A 1+25S	6	26	1.2
L7+50W A 1+37.5S	8	26	1.7
L7+50W A 1+50S	8	50	2.8



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Page: 4
 Copy: 2 of 3

Attn: Lou Chastko
 Project:

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 PO #: 181845B/45C/45D

Job: 911370

Status: Final

Sample Id	Cu	Zn	As
	AA	AA	Hyd-AA
	DDM	DDM	DDM
L7+50W A 1+62.5S	24	80	2.2
L7+50W A 2+12.5S	2	10	0.5
L7+50W A 2+25S	2	11	0.4
L7+50W A 2+37.5S	4	18	1.3
L7+50W A 2+50S	4	18	0.7
L7+50W A 2+62.5S	6	72	0.9
L7+50W A 2+75S	12	110	2.0
L7+50W A 2+87.5S	10	37	0.9
L7+50W A 3+00S	14	37	1.5
L7+50W A 3+12.5S	22	37	2.1
L7+50W A 3+25S	10	55	1.6
L7+00W B 0+25S	12	140	3.3
L7+00W B 0+37.5S	14	63	2.2
L7+00W B 0+62.5S	8	34	1.0
L7+00W B 1+00S	20	45	1.7
L7+00W B 1+12.5S	8	54	1.1
L7+00W B 1+25S	14	82	2.1
L7+00W B 1+37.5S	12	85	3.6
L7+00W B 1+50S	14	85	2.9
L7+00W B 1+62.5S	4	19	0.8
L7+00W B 2+00S	2	18	1.3
L7+00W B 2+12.5S	2	24	1.0
L7+00W B 2+25S	30	120	3.4
L7+00W B 0+12.5N	4	30	1.6
L7+00W B 0+25N	6	50	1.2
L7+00W B 0+37.5N	4	25	0.6



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Copy: 2 of 3

Attn: Lou Chastko
Project:

Received: 18-Nov-91 12:26
PO #: 181845B/45C/45D

Job: 911370

Status: Final

Sample Id	Cu AA ppm	Zn AA ppm	As Hyd-AA ppm
L7+00W B 0+50N	6	40	0.9
L7+00W B 0+62.5N	4	23	1.4
L7+00W B 0+75N	12	67	1.4
L7+00W B 0+87.5N	8	38	1.0
L7+00W B 1+00N	4	24	1.2
L7+00W B 1+12.5N	8	57	0.9
L8+50W 1+50S	12	54	1.5
L8+50W 2+00S	6	21	1.4
L8+00W B 1+37.5S	10	62	2.0
L8+00W B 1+62.5S	2	9	0.4
L8+00W B 2+00S	4	30	1.4
L8+00W B 2+12.5S	6	36	1.1
L8+00W B 2+25S	8	52	1.4
L8+00W B 2+37.5S	10	49	1.0



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Attn: Lou Chastko
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Job: 911370

Status: Final

Abbreviations:

Parameters:

Cu : Copper
Zn : Zinc
As : Arsenic

Methods:

AA : Atomic Absorption
Hyd-AA : Hydride Atomic Absorption

Units:

ppm : parts per million

Job approved by:

Signed:

Margaret E. Danziger
.....
Margaret E. Danziger
Supervisor, Geochemistry/Fire Assay Services



LITHOLOGIC LEGEND

FELSIC TO INTERMEDIATE INTRUSIVE

7 Unsubdivided
 7A Foliated to massive trondhjemite
 7B Foliated to massive granodiorite to quartz monzonite
 7C Fine to med. gr., biotite-garnet trondhjemite-granodiorite (possibly related to unit 2F)
 7D Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC

6 Unsubdivided
 6A Amphibole gneiss
 6B Biotite gneiss
 6C Biotite-garnet gneiss
 6D Leucocratic quartz and plagioclase
 6E Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES

5 Unsubdivided
 5A Gabro
 5B Porphyritic gabro
 5C Diorite, quartz diorite
 5D Amphibolite (possibly mafic volcanics)
 5E Ultramafic

CHEMICAL SEDIMENTS

4 Indifferentiated
 4A Chert
 4B Sulfide facies
 4C Oxide facies
 4D Silicate facies

CLASTIC SEDIMENTS

3 Unsubdivided
 3C Cong. metate
 3D Argillite, slate, siltstone
 3E Ore-bearing
 3F Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS

2 Unsubdivided
 2A Dacite to rhyolite - foliated
 2B Tuff to amygdal. tuff
 2C Breccia, sulfidation
 2D Quartz and feldspar (horn) white
 2E Foliated (Sib. - Gern. Sill. - dacite or altered high level intrusives)

INTERMEDIATE TO MAFIC METAVOLCANICS

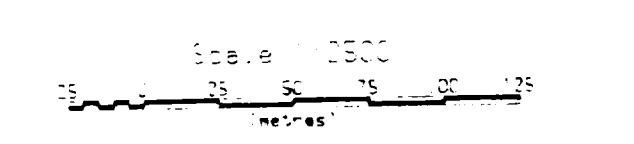
1 Unsubdivided
 1A Massive to foliated diorite
 1B Pillow flow
 1C Amygdaloid flow
 1D Porphyritic flow - med. gr.
 1E Textured, banded flow - med. gr.
 1F Coarse grained flow and intrusions
 1G Magnetized mafic flow
 1H Garnetiferous

SYMBOL LEGEND

--- area of mechanical stripping
 --- trench
 --- outcrop area
 --- approx. boundary of topographic low areas
 --- steep slopes
 --- geological contacts: defined, approximate
 --- enhanced outcrop
 --- fault, strike, dip
 --- pillow facings
 --- small fold structures and plunge
 --- shear, fault
 --- roads, maint. --- secondary logging trails

ABBREVIATIONS

asp	arsenopyrite	qt	quartz vein
carb	calcite	sil	silicified
ch	chalcopyrite	sil	silicified
gr	graphite	sp	spineliferous
gar	garnet	ag	silver
hsc	hornblende	ar	arsenic
py	pyrite	cu	copper
z	zinc	zn	zinc



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BEARTRACK LAKE PROPERTY

GEOLOGY

GRID AREA:

GEOLOGY BY: _____ DATE: _____

Independent Exploration Services Ltd.

