Summary of Exploration
Stope Baby Project
Horsefly, B.C.

Cariboo Mining Division
NTS 93A/6W
52° 17' 30" N 121° 26' 30"

J. E. Wallis, P. Eng.
Williams Lake, B.C.
November 2000

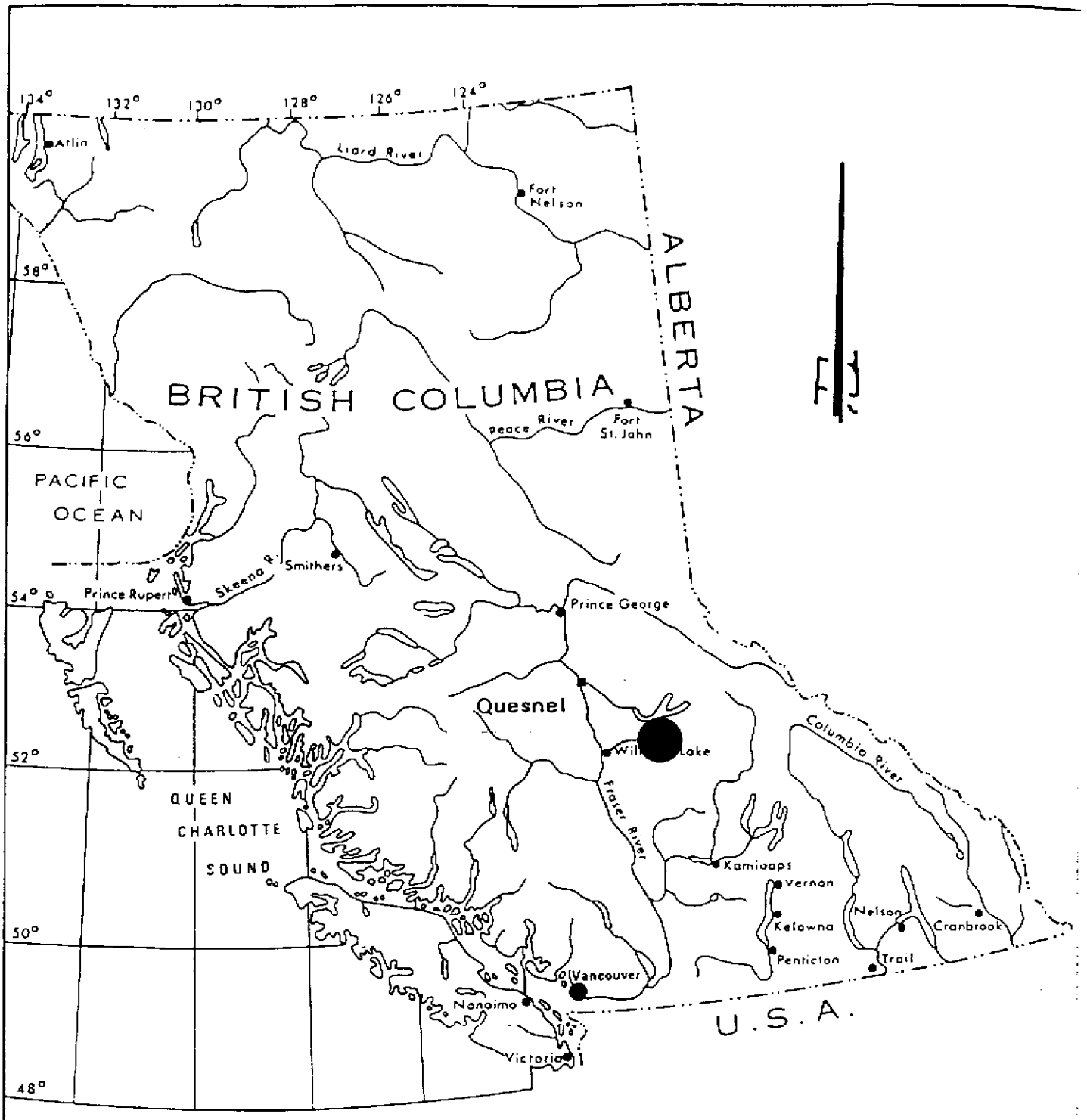

Figure 1 - Location Map
Stope Baby Project
Horsefly, B. C.

Scale: 1 in =125 miles (approx.)

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APPENDICES

SUMMARY

During the 2000 season, preliminary exploration was conducted on the Stope Baby Property, a new polymetallic discovery located in the Jurassic volcanics of the Quesnel Trench. The property is located on Moffat Creek, approximately 6 kms. south west of the village of Horsefly, B.C. Preliminary work consisted of expanding the property boundary by perimeter staking 4 claims (42 units) to provide additional ground coverage. Sampling and mapping at low water in the canyon revealed the presence of 4 new narrow high grade zones upstream of the discovery zone which expanded known mineralization to over a 100 meters width

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This was followed by establishing a mini grid immediately to the north of the discovery showing and collecting 39 soil samples for enzyme leach analysis and interpretation. An additional 31 soils were collected along a single traverse to the east of the mini grid across VLF-EM conductors and major magnetic breaks defined in an1984 work program by Asamera. Following detailed sampling of the discovery showing, the mini grid was expanded to provide grid coverage for 500 meters to the north and 1000 meters to the south, with cross lines at 50 meter intervals extending 500 meters to both the east and west.

Scott Geophysics of Vancouver, B.C. completed a 12 km. Induced polarization and magnetic survey over that portion of the grid centered on the discovery showing. In spite of the paucity of pyrite in the system, results show a low grade, north south trending chargeability anomaly with a central resistivity anomaly defining the mineralized zone. The anomaly also indicates that mineralization does not extend to the north.

Two NQ size diamond drill hole were drilled from the north bank of the canyon to cut the discovery showing at depth. DDH SB-1-000 was drilled from L0+00 0+45W on a bearing of 126° at -45° to a depth of 173.1 meters. The hole cut grey and maroon alkali basalt flows (Jurassic) with minor calcite veinlets to final depth, apparently missing the target. DDH SB-2-000 was collared on L0+00 at 0+35E and drilled on an azimuth of 232° at -44°. Similar Jurassic alkali basalt flows were encountered to hole bottom at 173.0 meters, except the frequency of calcite veinlets was higher. From 119.9 to 120.7 m an intersection of semi-massive sphalerite enclosing blebs of galena and chalcopyrite within a grey-green carbonate zone was sampled. Assay results for this combined 1.8 m. intersection returned values of 0.129% Cu, 0.10% Pb, 3.57% Zn, 5.43g/t silver and 0.100 g/t Au.

A Phase 2 program, consisting of additional geophysical coverage to the south followed by approximately 1,500 meters of diamond drilling, is recommended at an estimated cost of $ 309,000.

INTRODUCTION

The Stope Baby Property, consists of 32 - 2 post mineral claims, which were optioned from co-discoverers Jack Brown-John and Herb Wahl of Horsefly, B.C., and an additional 4 claims (42 units) which were staked during the 2000 season to provide coverage of potential mineralization. This new discovery cosists of north-south trending , near vertical, fracture fillings of carbonates up to 30 cm wide which contain massive high grade sphalerite, minor galena and chalcopyrite, and associated gold and silver values. It is recognized as the first massive sulphide showing located within the Jurassic volcanics of the Quesnel Trench.

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LOCATION AND ACCESS

The property is situated some 5 km SSW of the village of Horsefly in the Cariboo District of central British Columbia. Central property co-ordinates are 52° 17' 30" North Latitude and 121° 26' 30" West Longitude. Best access is via vehicle from the City of Williams Lake, B.C. south-easterly some 10 kms. to the 150 Mile junction, then north easterly for 75 kms on the paved all weather Horsefly Road. Access from Horsefly is via the 108 Road southwesterly to Gammarus Lake for the western claimed area, or via the Starlike Lake Road for access to the eastern sector of the claim blocks. The above are good, all-weather gravel roads used primarily by local ranchers and the forest industry. Numerous tote and skid roads throughout the claims provide excellent secondary access.

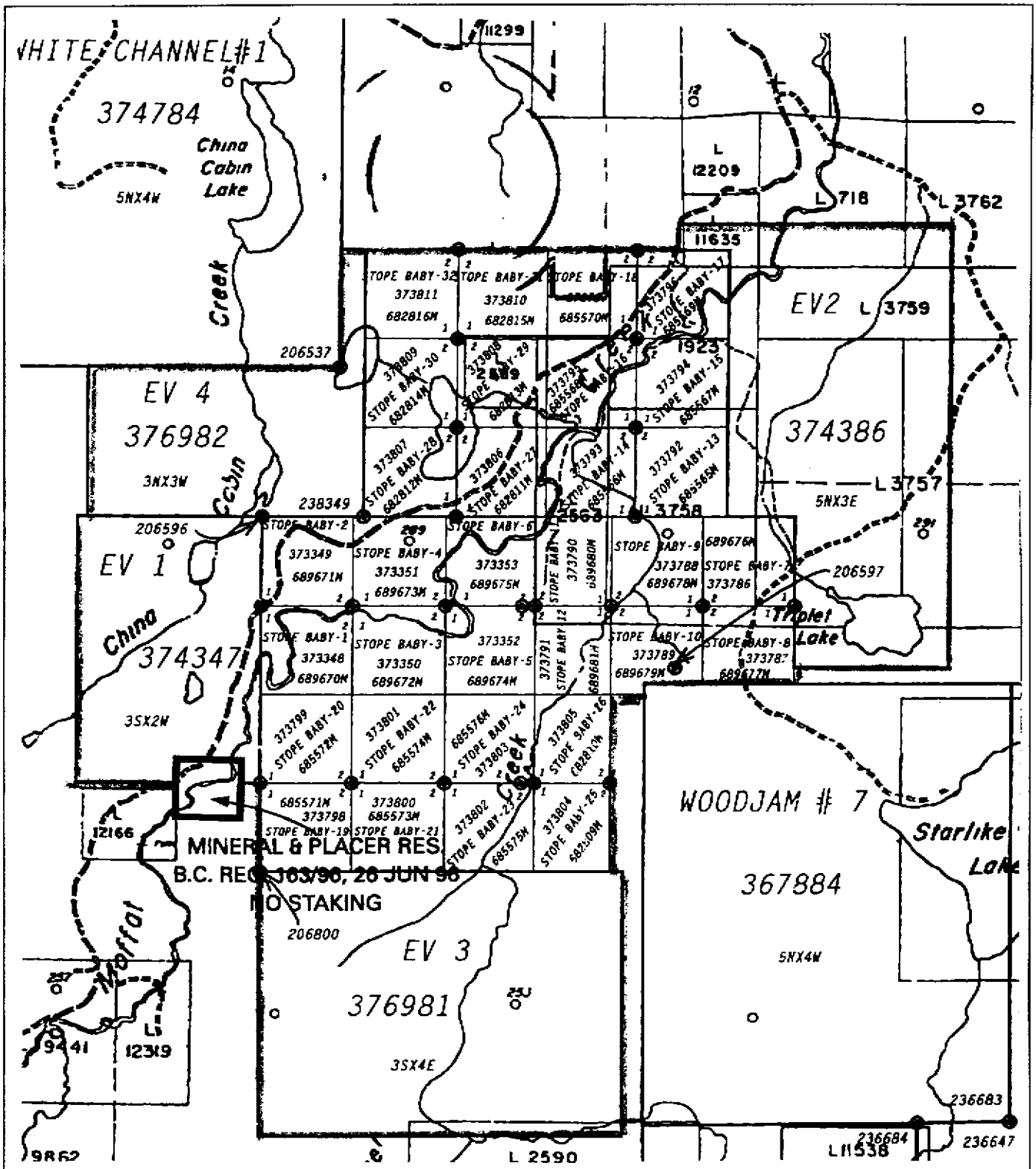
The City of Williams Lake is serviced by several Air BC flights daily from Vancouver and is the major supply point for the area.

PROPERTY DETAILS

The Stope Baby property consists of the original optioned 32 - 2 post claims plus the EV 1 -4 claims (42 units) that were perimeter staked to provide additional surface coverage. Details are as follows:

CLAIM	RECORD NO.	EXPIRY DATE
Stope Baby 1 - 6	373348-53	10 November 2002
EV 1 (6 units)	374347	5 Feb 2002
EV 2 (15 units)	374386	17 Feb 2002
EV 3 (12 units)	376981	9 May 2002
EV 4 (9 units)	376982	11 May 2002

The mineral claims comprising the Stope Baby property are all recorded on NTS mapsheet 93A/6W. Property co-ordinates are 52° 17' 30" North Latitude and 121° 26' 30" West Longitude (Figure 2).



STOPE BABY PROJECT - CLAIM LOCATION

Scale: 1:31680

Figure 2

Physiography

The Stope Baby property lies within the Quesnel highland of the Central British Columbia Fraser Plateau.. Elevations range from 2,600 ft to 3,000 ft ASL. Generally the terrain is moderately flat and well timbered with some open grassland areas. Moffat Creek is the major drainage system in the area and traverses centrally through the property. The discovery showing is located at low water level on the north side of a well developed canyon some 35 to 40 meters deep and approximately 200 meters in length. Bedrock exposures are evident on less than 5 per cent of the property and exist primarily on the lower portions of the canyon walls; no outcrops have been located on the eastern portion of the property.

Forest cover consists of interior spruce, pine and fir, with moderate amounts of poplar. Low-lying areas are dominated by abundant alder and willow. The southern portion of the property is covered by Woodlot License 1450.

Regional Geology

The property is located on the eastern side of a volcanic belt of rocks (Nicola Group) mapped as the Quesnel Trough. This belt is bounded on the east by the Eureka thrust, and on the west by major regional dextral faults. In the Quesnel Lake area, rocks of the Nicola Group form a broad, northwest trending syncline. The basal strata is represented by middle-to-late Triassic black phyllite which grades locally into siltstone, sandstone and greywacke. Overlying this package are Upper Triassic alkali olivine basalt flows and breccias. Monolithic latite breccias are common near volcanic centers.

Locally, the Triassic and Jurassic volcanic rocks are intruded by Lower Jurassic syn-volcanic syenite to dioritic stocks and plugs. Many of these alkalic stocks host, or are spatially related to, copper-gold mineralization with associated strong K-feldspar and propylitic alteration zones. For example, the Mount Polley mine, some 27 kms. to the north of the Stope Baby property, that hosts reserves of 53 million tons averaging 0.44% copper and 0.017 opt gold.

Local Geology

The bulk of the Stope Baby property is covered with a heavy mantle of glacial till and glaciofluvial silt deposits, with rock exposure limited to a 200 meter section of offset canyon along Moffat Creek. Stream down-cutting aided by post depositional faulting and shearing has resulted in the development of a 30 to 35 meter deep canyon throughout this area. Mapping in the canyon shows that the bedrock geology consists of Jurassic volcanics, with short sections of porphyritic (augite ?) basalt, except at the falls on the west end where younger Miocene flood basalts overly the Jurassic volcanics.

Interpretation of the regional aeromagnetic map, supported by drilling by Phelps Dodge to the south, suggests that the northern boundary of the Meese Lake syenite intrusive is located a few hundred meters south of the Moffat Creek canyon. Figure 3

The predominate basalt exposed near the base of the canyon, and hosting the discovery showings, is best described in Bulletin 97, Geology and Mineral Deposits of the Quesnel River-Horsefly Map Area, Central Quesnel Trough, British Columbia, as Unit 4. Here it is described as 'a distinctive dark purple to maroon, vesicular and amygdaloidal, analcite and olivine bearing, pyroxene basalt flow. The groundmass is hematitic and extensively altered.'

History

Horsefly mining history dates back to the early 1860's when placer gold was discovered at numerous locations on the Horsefly River and some of the adjoining creeks. Tailings from placer operations are evident both above and below the Moffat Creek canyon. Native copper is evident in the Jurassic volcanics at several locations throughout the canyon and at least one short adit just below the lower falls appears to have been driven to investigate these values. This is reported in the 1904 Report of the Minister of Mines and in the B.C. Minfiles.
A portion of the area now covered by the claims of the Stope Baby project was held in 1984 by Asamera Inc. as the Golden Falls claim, along with 2 - 2 post claims referred to as the Goldie claims. During 1984, 18 kms of grid line was cut on the property and surveyed for both VLF conductors and total field magnetics. The grid was also soil sampled and geochemically analyzed for Au, Cu and Mo. Asamera allowed the claims to expire the following year.

There is no evidence of any previous work on the Stope Baby discovery showing.

Discovery Showing

The discovery showing is located midway along Moffat Creek canyon, on the north side, at the elevation of extreme low water flow. Mineralization occurs in north-south oriented fracture systems within the volcanics with both the northerly and southerly extensions obscured by slide debris, and consists primarily of massive sphalerite with some fine grained galena and distinct blebs of chalcopyrite in a white to gray carbonate. Minor native copper is evident in some of the samples and appears sporadically in adjacent carbonate stockwork zones. Three distinct fracture fillings are evident, two of which are near vertical and north-south trending, and the third almost horizontal and forming a ladder type structure with the vertical systems; widths vary from 20 to 30 cms. Chip samples across these structures returned assay values as follows:

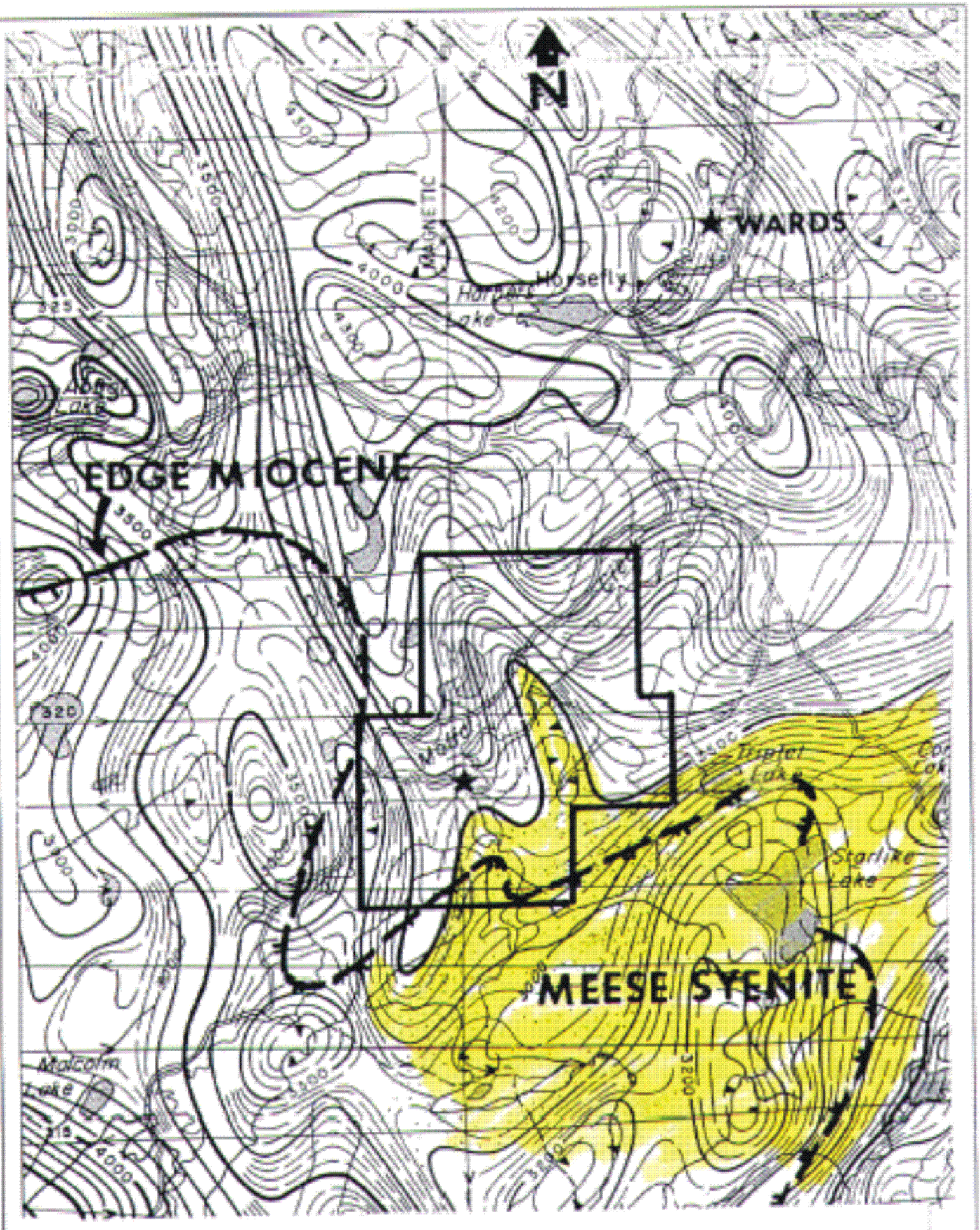
Sample No.	Width, m	Cu, %	Pb, %	Zn, %	Ag, g/t	Au, g/t
239151	0.30	0.85	1.48	22.00	211.0	1.32
239152	0.20	0.82	1.25	17.70	129.5	2.01
239153	0.15		1.83	4.00	168.0	0.96
239155	Grab	1.00	2.98	24.6	118.5	3.18

Late in the season when low water flows in the creek permitted continuation of mapping in the canyon, 4 new mineralized zones west of the discovery zone were mapped and sampled, all of which carry significant mineralization over widths of 15 to 25 cms. .The mineralized zone, in Jurassic volcanics with a well developed carbonate stockwork, now exceeds 100 meters in width (Figure 4 - Appended)). Generally, the system appears to be sulphur poor with little or no pyrite evident. Chip sampling across the new zones returned the following assay values:

SAMPLE #	COMMENTS	Cu, %	Pb, %	Zn, %	Ag, g/t	Au, g/t
056809	Zone 4 in creek, 25 cm qtz carbonate with fine Cu and Zn	1.032	0.06	1.06	9.3	0.94
056810	Zone 3 in creek, 20 cm carbonate with fine Cu Zn	0.961	0.08	0.42	13.2	0.94
056811	Zone 6, south side. 15 cmcarbonate Cu-Pb-Zn	0.156	0.32	17.76	6.7	7.47
056812	Zone 6, 18 cm carbonate minor Cu-Pb-Zn	0.138	0.10	10.42	4.7	3.37
056813	Zone 5, 20 cm carbonate Cu-Pb-Zn	0.372	0.04	18.23	4.6	1.59
056814	Zone 6 west wall, 20 cm with fine sulphides	0.114	0.06	0.48	2.3	2.67

Exploration 2000

Initial field work consisted of collecting a total of 39 soil samples from a mini-grid established on the north projection of the Stope Baby discovery showing (Figure 5). An additional 31 soil samples were collected along a single traverse line to the east of the grid. across VLF-EM conductors and major magnetic breaks defined in the 1984 work program by Asamera. Because traditional soil sampling is not effective in areas of thick glacial and fluvioglacial sediments, these samples where submitted to Acme Laboratories of Vancouver, B.C. for enzyme leach analysis, and the results forwarded directly to Gregory Hill of Enzyme Laboratories Inc in Reno, Nevada. for interpretation and plotting. This limited sampling program was undertaken to test the potential of enzyme leach analysis for defining leakage anomalies. This report is appended as Appendix A.



STOPE BABY PROJECT

Stope Baby Property - Showing - Regional Aeromagnetics

Scale: 1:50,000

Figure 3

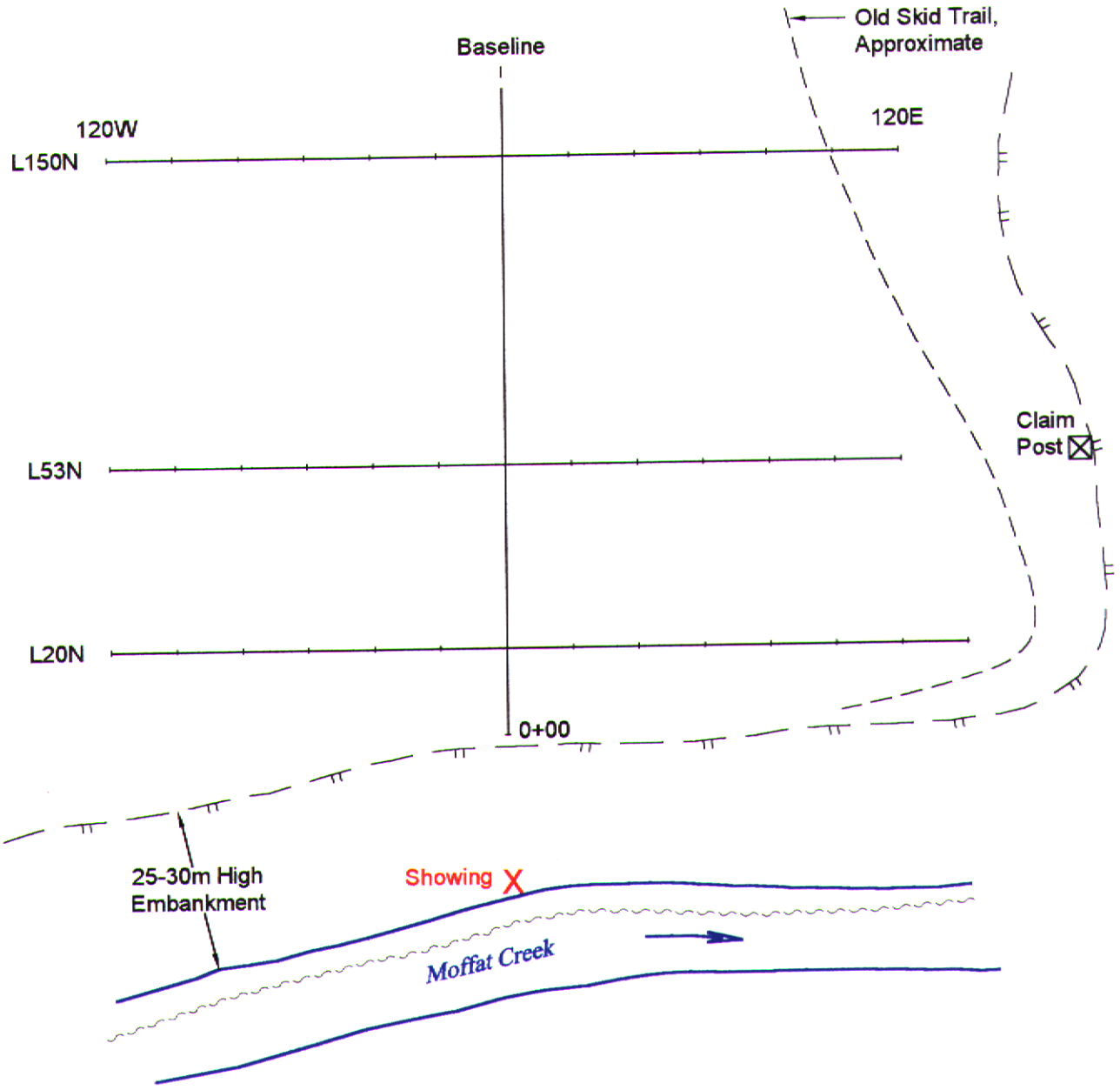


Figure 5 - Mini Grid

Soil Sampled for EZL Analysis

Scale: 1:2000

0 40 80 120 160 200m

J.E. Wallis, P.Eng.

December 2000

Geophysics

The mini-grid was expanded to extend the baseline 500 meters to the north and 1000 meters to the south with cross-lines cut at 50 meter intervals and extending 500 meters to the west and 500 meters to the east. Stations were established at 50 meter intervals (Figure 6 - Appended). Because the mineralized zones within the discovery area are pyrite poor, Allan Scott of Scott Geophysics Ltd. suggested that 12 kms of the grid in the immediate area of the discovery showing be subjected to both induced polarization and magnetometer surveys to test the geophysical response of these zones.

Field surveys were initiated on June 29th utilizing a Scintrex IPR12 receiver and a TSQ3 (3 kw) transmitter and a field crew consisting of Jerry Thornton, P.Eng as party chief/geophysicist, Gord Stewart as operator/technician and 3 local field assistants. The IP survey was conducted using a pole dipole array at an "a" spacing of 25 meters and "n" separations of 4. Chargeabilities (in units of mv/V) were measured at 11 delay times after cessation of the current pulse. These values, along with the Mx chargeability (690-1050 msecs), apparent resistivity, primary voltage,SP gradient, and current, were recorded, along with grid co-ordinates. The IP field survey was completed the evening of July 6th.

Two Scintrex ENVI magnetometers were used for the magnetic survey; one was used as the field unit and the other as a fixed base station. The survey, with stations at 12.5 meter intervals, required 3 days and was completed on July 9th.

As expected, plotted results for both chargeability and resistivity show weak, but definable responses. A low-grade north-south trending resistivity anomaly is located within a similar trending broad chargeability anomaly that is centered on the discovery showing.and extends to the south. This suggests that the mineralized zone terminates rather sharply to the north of the showing but extends to the south. The magnetic survey defines north-south linears similar to those mapped by Asamera in 1984.These have been tentatively interpreted as the ends of volcanic flow beds that have been exposed by glacial erosion.

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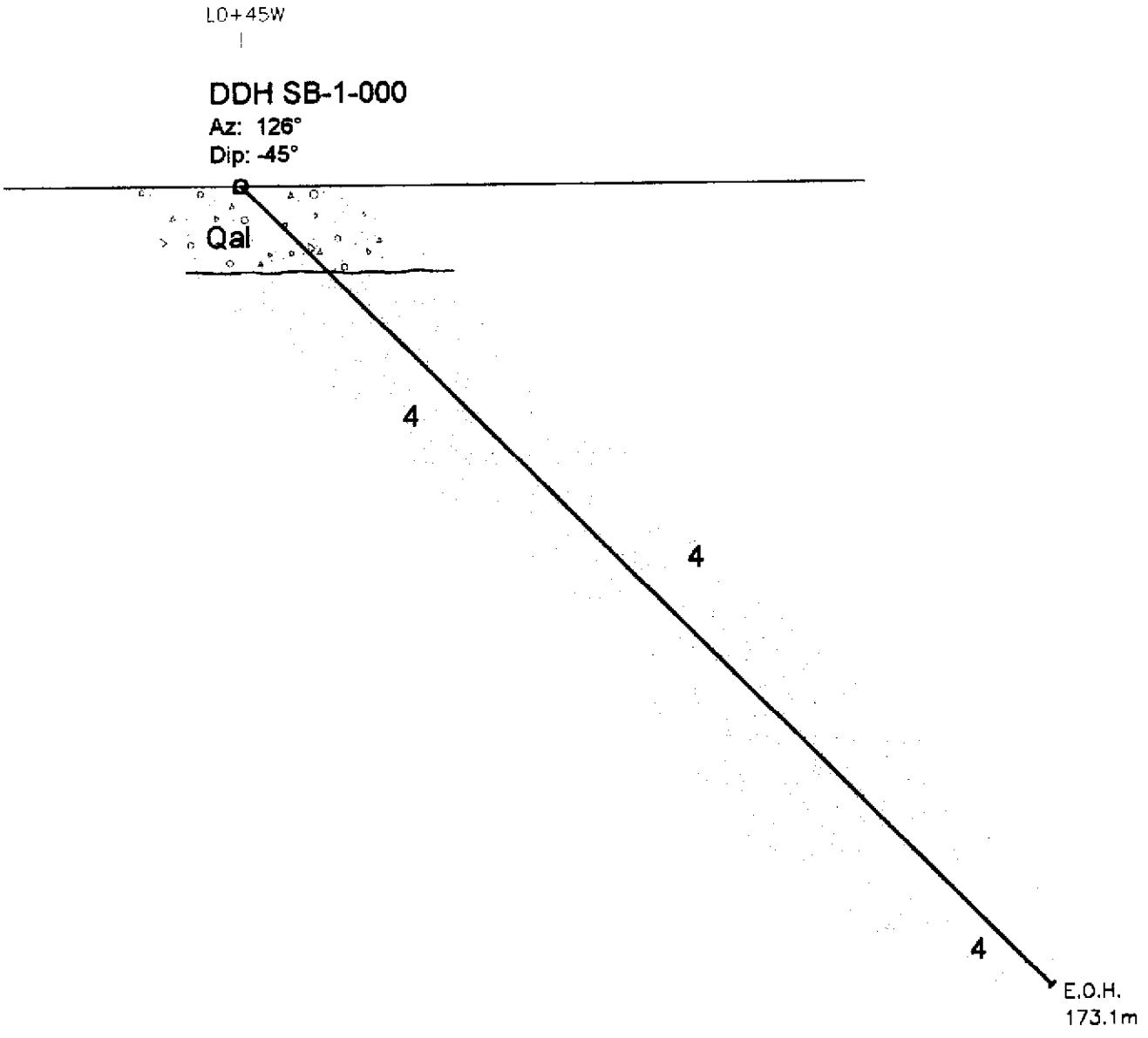
DIAMOND DRILLING

Phil's Diamond Drilling of 100 Mile House was contracted to drill two NQ diamond drill holes utilizing a Longyear 38 diamond drill. Hole SB-1-00 was collared at L0+00N, 0+45W (Figure 7) and drilled on a bearing of 126° at - 48° to intersect the discovery showing at depth Unfortunately the shallow attack angle coupled with hole deviation appears to have resulted in the hole paralleling mineralized structures. From bedrock at 16.4 meters to final hole depth at 141.0 meters the hole cut the same series of intercalated basalt flows as exposed in the bottom of the canyon. Textures vary from medium to coarse grained with sections varying from vesicular olivine basalt to amygdaloidal pryoxene basalt. Colour varies from grey to maroon. Occassional calcite flooding to 10 cm and minor carbonate veinlets from hairline to 0.5 cm wide occur at various angles to the core, but predominately at 0 to 50°. Although no significant mineralization was

encountered, minor fine grained native copper occurs in a few angular quartz-carbonate clasts at 91.5 meters and between 152 and 162 meters. Four samples were collected for analysis: tag# 056804 from 160.3 - 160.7 m., tag# 056805 from 160.7 - 161.0 m., tag# 056804 from 161.0 - 161.3 m. and tag# 056807 from 152.6 to 152.8mm. Assay results show minor copper values only.

Diamond drill hole SB-2-000 was collared at 0+35E on L0+00 and drilled on a bearing of 232° and at a dip of -44 degrees. This hole cut the same olivine-pyroxene basalt as intersected in DDH SB-1-000.with generally the same texture and colour variation.. Relatively, the presence of quartz-carbonate veinlets is more uniformly distributed and more intense throughout. One sample, tag # 056808 was split from 46.4-46.7m, to check for possible values in a section of the quartz-carbonate veinlets. The section from 109.0 m. to 141.0 m. is primarily a grey alkali pyroxene basalt containing numerous zones of moderate to strong carbonatization with a higher density of calcite filled fractures than exhibited elsewhere. Sample tag #056803 from 117.7-118.1m was split and submitted for geochemical analysis. Included in this section, from 119.9 m. to 121.7 m., is a quartz-carbonate vein containing fine disseminated pyrite, pyrrhotite? with semi massive sphalerite enclosing blebs of chalcopyrite to 4 mm. The mineralized core from 119.9 - 121.7 m. was split and sampled for assay. Sample tag # 056801 from 119.9 - 120.5 m. and sample tag # 056802 from 120.5 - 121.7 m. The assay of this combined section from 119.9 to 121.7 m. returned the following values: 0.129% Cu, 0.10% Pb, 3.57% Zn, 5.43 g/t Ag and 0.100 g/t gold.The hole was bottomed at 173.0 m. (See Figure 8.).



Legend

Qal	Unconsolidated glacial, fluvioglacial sediments
4	Grey and maroon alkali basalt flows (Jurassic?)

Figure 7

Drill Section SB-1-000

Location L0+45W Bearing 126° Dip -45°

Scale: 1:1000

0 20 40 60 80 100m

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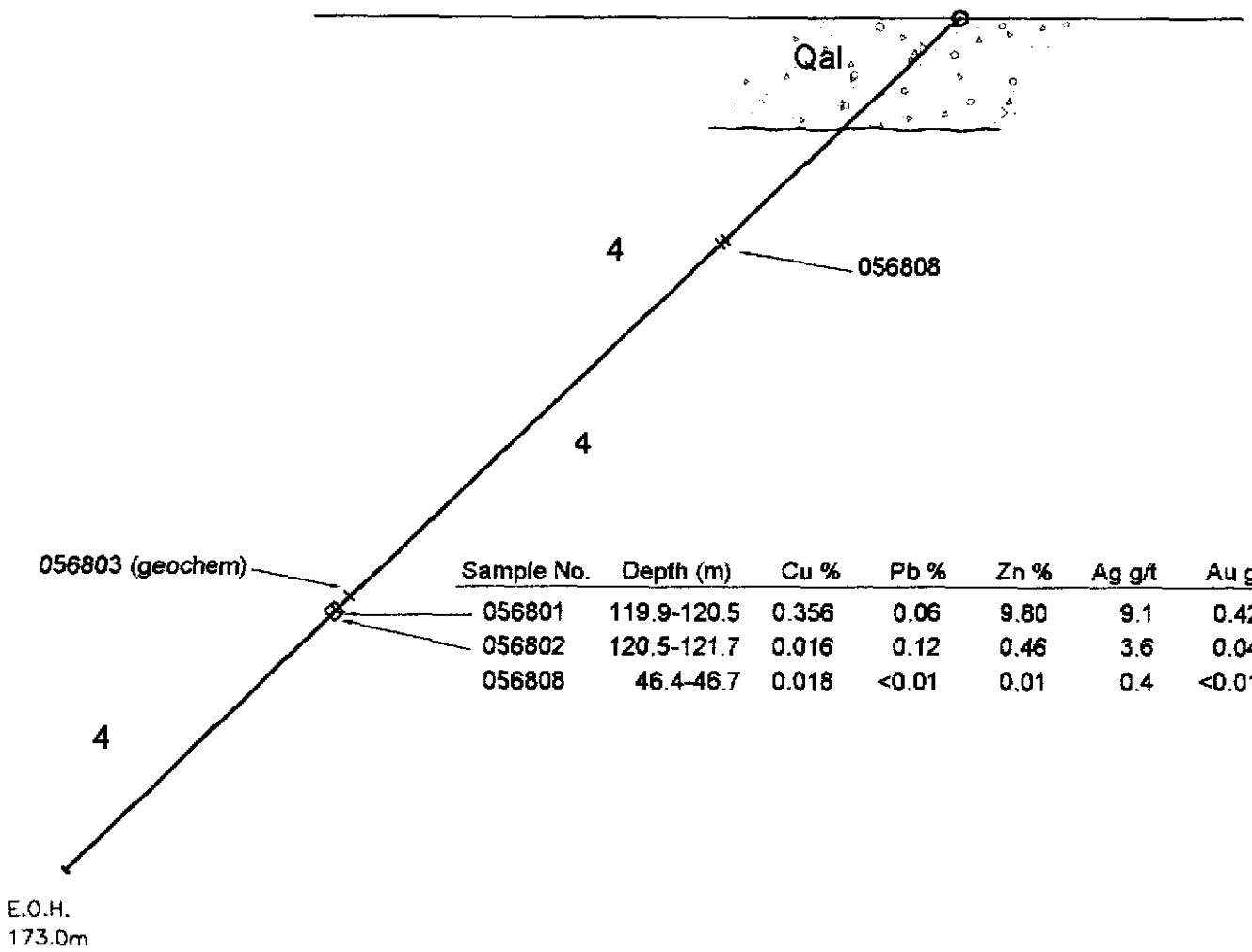
L0+35E

DDH SB-2-000
Az: 232°
Dip: -44°



Sample No.	Depth (m)	Cu %	Pb %	Zn %	Ag g/t	Au g/t
056801	119.9-120.5	0.356	0.06	9.80	9.1	0.42
056802	120.5-121.7	0.016	0.12	0.46	3.6	0.04
056808	46.4-46.7	0.018	<0.01	0.01	0.4	<0.01

Legend

Qal — *Unconsolidated glacial, fluvioglacial sediments*

4 — Grey and maroon alkali basalt flows (Jurassic?)

Figure 8

Drill Section SB-2-000

Location L0+35E Bearing 232° Dip -44°

Scale: 1:1000

0 20 40 60 80 100m

J.E. Wallis, P.Eng. December 2000

Conclusions

Recent exploration on the Stope Baby property has been successful in extending the width of the original discovery zone to over 100 meters. Although the lack of pyrite in the system is not conducive to strong geophysical response, a limited induced polarization survey centered on the discovery showing has resulted in both a low grade chargeability anomaly and a resistivity anomaly which appear to define the mineralized zone. The resistivity anomaly in particular follows the boundaries of the stockwork system as seen in the canyon bottom. More importantly, it indicates that the mineralized stockwork zone does not extend much to the north of Moffat Creek.

Results from the limited soil sampling and enzyme leach analysis program proved to be inconclusive.

The two diamond drill holes drilled during the season suggest that the mineralized zones exposed in the canyon bottom have little lateral extent and are probably the result of hot liquors from a deep seated intrusive that followed structural zones of weakness upwards.

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There is no question that the Stope Baby property is a significant polymetallic discovery. Although this type of mineralization does not lend itself well to good geophysical definition and the lack of bedrock exposure in the area limits. geological interpretation; work to-date suggests that this well developed stockwork system with associated high grade polymetallic veins is close to, and directly related to, the Meese Lake syenite intrusive. Further exploration will require that the IP survey be extended to at least the 10+00S line.. Depending on survey results, it may be prudent to extend the grid and geophysical surveys even further to the south. A carefully planned diamond drilling program designed to test the southerly trending resistivity anomaly at depth is essential.

Recommendations

Phase 2 of exploration must include extension of geophysical coverage to the south followed by additional diamond drilling. The next hole should be collared on the south side of Moffat Creek, near station 1+50W on L1+00S and be aligned to test the down dip extension of the high grade polymetallic veins on the west side of the resistivity anomaly. Follow-up drilling should be planned to test the extension of the resistivity anomaly to the south. It is estimated that a minimum of 1500 meters of NQ drilling, in six steeply dipping holes, will be required to test the anomaly at depth.

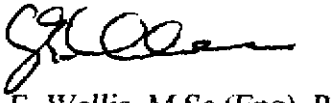
The estimated cost of Phase 2 is detailed as follows:

1)	Extend line grid to south, Approx. 15 kms @ $350/km		$ 5,250
2)	Induced polarization and mag. Survey,		
3)	Approx. 30 kms @ $1300/km		39,000
4)	NQ Diamond drilling,		
	Approx. 1,500 m. @ $125/m.		187,500
5)	Geologist, 60 days @ $400/day		24,000
6)	Assaying		10,000
7)	Truck rental and fuel, 2 months		3,500
8)	Misc. rentals and freight		4,000
9)	Travel, accommodation and meals		3,000
10)	Reports, drafting etc		4,000
		Sub-total	280,250
		Contingency	28,750
		Total	$ 309,000

Certificate

I, James E. Wallis of 96 4th Avenue South, Williams Lake, B.C. do hereby certify that:

1) I am a member, in good standing, of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
2) I am a graduate of the Haileybury School of Mines, B.Sc. Mining Engineering-University of Alaska 1965, M.Sc.(Eng) Mining Engineering - Queen's University 1967.
3) I have practiced my profession as a mining engineer continuously since graduation and as a mining consultant since 1980.
4) I have over-seen the exploration on the Stope Baby Project for the year 2000.



James E. Wallis, M.Sc.(Eng), P. Eng.
Williams Lake, B. C.
November 2000

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Map Area, Central Quesnel Trough, British Columbia - Bulletin 97, B.C. Geological Survey Branch. A. Panteleyev, P.Eng., D. G. Bailey, P.Geo., M. A. Bloodgood, P.Geo. And K. D. Hancock, P.Geo.

Appendix A

Enzyme Leach Interpretation - Greg Hill, Enzyme Laboratories Inc.

Enzyme Leach Job #: 19867 Report#: 19718 Customer: Acme Geologist: C. Leong Customer's Job #:A001376

Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.

Values = 999999 are greater than working range of instrument. S.Q.=That element is determined SEMIQUANTITATIVELY.

Sample ID:	S.Q.Li	S.Q.Be	S.Q.Cl	S.Q.Sc	S.Q.Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y	Zr	Nb	Mo	Ru	Pd	Ag	Cd	In	Sn	Sb	Te	I
L150N 120W	7	-2	8462	-100	606	64	187	11	19	11	20	-1	-1	5	-5	39	14	840	1	8	-1	2	-1	-1	-0.2	0.3	-0.1	-1	0.5	-1	41
L150N 100W	9	-2	11012	-100	423	50	2203	31	15	14	61	2	-1	5	-5	28	13	393	1	5	-1	3	-1	-1	-0.2	0.6	-0.1	-1	0.4	-1	23
L150N 80W	3	-2	11206	-100	397	63	1238	20	13	16	-10	2	-1	6	-5	31	23	434	2	10	-1	3	-1	-1	-0.2	0.3	-0.1	-1	0.5	-1	29
L150N 60W	-2	-2	8166	-100	428	58	955	11	9	18	18	-1	-1	5	-5	26	16	433	5	10	-1	3	-1	-1	-0.2	-0.2	-0.1	-1	0.4	-1	21
L150N 40W	3	-2	10416	-100	391	68	1127	11	12	12	98	-1	-1	5	-5	29	21	396	2	7	-1	4	-1	-1	-0.2	0.9	-0.1	-1	0.3	-1	24
L150N 20W	3	-2	11316	-100	460	100	748	29	8	13	68	-1	-1	7	-5	50	24	554	2	15	-1	2	-1	-1	-0.2	0.2	-0.1	-1	0.4	-1	25
L150N 00	7	-2	11545	-100	399	63	1252	21	15	18	144	-1	-1	5	-5	23	26	383	1	7	-1	4	-1	-1	-0.2	0.3	-0.1	-1	0.3	-1	13
L150N 20E	7	-2	5820	-100	334	122	115	6	19	40	160	-1	-1	6	-5	44	20	306	11	21	-1	2	-1	-1	-0.2	-0.2	-0.1	-1	0.6	-1	38
L150N 40E	14	-2	9240	-100	398	68	53	10	12	14	31	-1	-1	3	-5	30	24	363	1	7	-1	2	-1	-1	-0.2	0.3	-0.1	-1	0.3	-1	11
L150N 60E	3	-2	12166	-100	379	58	214	10	10	23	66	-1	-1	4	-5	42	21	426	3	9	-1	3	-1	-1	-0.2	-0.2	-0.1	-1	0.5	-1	30
L150N 80E	2	-2	6860	-100	304	62	522	11	12	14	98	-1	-1	3	-5	41	24	354	2	8	-1	2	-1	-1	-0.2	-0.2	-0.1	-1	0.4	-1	25
L150N 100E	3	-2	7722	-100	418	38	357	10	13	9	196	-1	-1	6	-5	37	32	526	1	7	-1	2	-1	-1	-0.2	0.2	-0.1	-1	0.3	-1	26
L150N 120E	-2	-2	35256	-100	323	84	504	12	7	12	58	-1	-1	8	-5	25	21	417	1	8	-1	2	-1	-1	-0.2	-0.2	-0.1	-1	0.3	-1	25
L53N 120W	5	-2	2270	-100	169	53	272	6	8	33	36	-1	-1	3	-5	51	6	192	7	10	-1	2	-1	-1	-0.2	-0.2	-0.1	-1	0.8	-1	32
L53N 100W	5	-2	8344	-100	335	50	480	8	14	27	80	-1	-1	4	-5	52	14	280	6	12	-1	2	-1	-1	-0.2	-0.2	-0.1	-1	0.5	-1	42
L53N 80W	2	-2	7641	-100	327	93	147	5	12	15	49	-1	-1	5	-5	59	28	725	2	10	-1	2	-1	-1	-0.2	-0.2	-0.1	-1	0.5	-1	24
L53N 60W	4	-2	10605	-100	410	40	2731	17	9	13	59	-1	-1	5	-5	40	26	342	1	10	-1	5	-1	-1	-0.2	0.2	-0.1	-1	0.3	-1	23
L53N 40W	5	-2	11208	-100	449	69	153	11	12	27	108	-1	-1	9	-5	45	15	367	4	24	-1	3	-1	-1	-0.2	-0.2	-0.1	-1	0.6	-1	18
L53N 20W	10	-2	10464	-100	247	147	294	9	22	54	240	-1	-1	11	7	98	10	341	22	22	-1	4	-1	-1	-0.2	0.4	-0.1	-1	0.8	-1	69
L53N BL	14	-2	6317	-100	424	188	920	16	38	91	19	-1	-1	13	6	116	19	377	35	42	-1	7	-1	-1	-0.2	-0.2	-0.1	-1	1.4	-1	83
L53N 20E	4	-2	12758	-100	331	104	416	11	15	26	27	-1	-1	5	5	40	25	584	4	12	-1	3	-1	-1	-0.2	-0.2	-0.1	-1	0.3	-1	21
L53N 40E	-2	-2	-2000	-100	397	126	255	14	16	18	24	1	2	7	7	27	28	517	2	5	-1	3	-1	-1	-0.2	0.3	-0.1	-1	0.2	-1	28
L53N 60E	-2	-2	-2000	-100	322	63	518	16	19	14	52	1	1	4	-5	30	24	387	1	5	-1	6	-1	-1	-0.2	0.5	-0.1	-1	0.4	-1	21
L53N 80E	12	-2	-2000	-100	374	74	811	16	12	18	26	-1	-1	5	-5	55	30	482	3	11	-1	3	-1	-1	-0.2	0.5	-0.1	-1	0.4	-1	105
L53N 100E	9	-2	19627	-100	696	135	253	10	20	33	36	2	-1	9	-5	96	23	564	9	25	1	3	-1	-1	-0.2	0.3	-0.1	-1	0.7	-1	191
L53N 120E	8	-2	22714	-100	419	41	558	8	21	15	46	3	-1	10	5	83	34	681	9	21	1	4	-1	-1	-0.2	1.0	-0.1	-1	0.8	-1	206
L20N 120W	5	-2	25806	-100	857	172	461	22	22	24	63	3	-1	12	-5	104	8	593	3	15	1	7	-1	-1	-0.2	1.1	-0.1	-1	0.6	-1	171
L20N 100W	5	-2	8027	-100	306	133	334	31	11	46	24	-1	-1	9	-5	33	14	482	16	36	-1	2	-1	-1	-0.2	-0.2	-0.1	-1	0.7	-1	19
L20N 80W	8	-2	14647	-100	505	35	2929	32	16	6	139	-1	-1	4	-5	22	30	323	1	4	-1	3	-1	-1	-0.2	0.4	-0.1	-1	0.3	-1	13
L20N 60W	3	-2	10168	-100	374	37	1379	32	8	9	31	-1	-1	5	-5	30	13	388	1	5	-1	3	-1	-1	-0.2	-0.2	-0.1	-1	0.3	-1	19
L20N 40W	3	-2	9103	-100	279	70	451	11	5	10	14	-1	-1	5	-5	37	22	443	2	10	-1	1	-1	-1	-0.2	-0.2	-0.1	-1	0.3	-1	36
L20N 20W	-2	-2	7701	-100	248	71	328	14	12	10	28	-1	-1	4	-5	37	20	338	1	7	-1	-1	-1	-1	-0.2	-0.2	-0.1	-1	0.2	-1	36
L20N 00	-2	-2	4447	-100	170	51	689	39	-2	10	-10	-1	-1	3	-5	30	38	339	1	5	-1	1	-1	-1	-0.2	-0.2	-0.1	-1	0.3	-1	30
L20N 20E	5	-2	10588	-100	355	70	2871	22	11	16	-10	-1	-1	5	-5	27	37	406	1	9	-1	3	-1	-1	-0.2	-0.2	-0.1	-1	0.4	-1	27
L20N 40E	2	-2	12950	-100	161	20	227	4	14	6	166	-1	-1	1	-5	-5	13	169	1	3	-1	1	-1	-1	-0.2	0.3	-0.1	-1	0.2	-1	53
L20N 60E	2	-2	-2000	-100	438	104	236	14	12	23	47	-1	-1	7	-5	62	16	615	3	10	-1	3	-1	-1	-0.2	-0.2	-0.1	-1	0.5	-1	18
L20N 80E	11	-2	-2000	-100	379	61	727	18	19	16	159	-1	-1	4	-5	24	43	350	2	7	-1	2	-1	-1	-0.2	0.8	-0.1	-1	0.4	-1	17
L20N 100E	4	-2	-2000	-100	353	58	431	8	17	21	62	-1	-1	4	-5	35	22	364	4	11	-1	2	-1	-1	-0.2	0.4	-0.1	-1	0.4	-1	25
L20N 120E	4	-2	8922	-100	207	64	2072	14	12	14	69	-1	-1	4	-5	32	6	250	3	10	-1	1	-1	-1	-0.2	0.4	-0.1	-1	0.4	-1	34
L1 1500W	18	-2	28868	-100	787	112	12683	55	38	51	42	4	1	6	7	58	52	728	14	21	1	10	-1	-1	-0.2	2.2	-0.1	-1	1.0	1	30
L1 1450W	9	-2	13214	-100	340	86	3421	34	25	44	300	-1	-1	5	-5	39	6	330	15	13	-1	7	-1	-1	-0.2	1.1	-0.1	-1	0.7	-1	25
L1 1400W	7	-2	5945	-100	316	39	1585	18	13	17	219	-1	-1	3	-5	19	22	352	2	6	-1	3	-1	-1	-0.2	0.6	-0.1	-1	0.3	-1	10
L1 1350W	6	-2	5631	-100	323	42	1898	13	11	9	246	-1	-1	3	-5	17	27	376	1	5	-1	3	-1	-1	-0.2	0.2	-0.1	-1	0.4	-1	8
L1 1300W	5	-2	6525	-100	366	84	2145	32	22	34	186	-1	-1	5	-5	29	23	441	6	12	-1	4	-1	-1	-0.2	0.8	-0.1	-1	0.6	-1	7
L1 1250W	6	-2	6133	-100	287	60	4069	22	22	34	235	-1	-1	4	-5	35	18	493	8	11	-1	3	-1	-1	-0.2	-0.2	-0.1	-1	0.5	-1	18
L1 1200W	13	-2	10199	-100	280	64	1017	46	14	27	162	-1	-1	6	-5	40	40	397	5	13	-1	3	-1	-1	-0.2	0.2	-0.1	-1	0.4	-1	10
L1 1150W	13	-2	6378	-100	451	31	6485	75	34	21	51	2	-1	2	-5	33	56	190	4	12	-1	4	-1	-1	-0.2	1.4	-0.1	-1	0.3	-1	23
L1 1100W	6	-2	8804	-100	335	60	558	14	17	16	27	-1	-1	4	-5	33	33	377	1	7	-1	4	-1	-1	-0.2	0.3	-0.1	-1	0.2	-1	8
L1 1050W	-2	-2	2314	-100	283	43	1230	16	12	18	-10	-1	-1	3	-5	27	14	342	3	7	-1	4	-1	-1	-0.2	-0.2	-0.1	-1	0.3	-1	8

Enzyme Leach Job #: 19867 Report#: 19718 Customer: Acme Geologist: C. Leong Customer's Job #:A001376

Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.

Values = 999999 are greater than working range of instrument. S.Q.=That element is determined SEMIQUANTITATIVELY.

Sample ID:	S.Q.Li	S.Q.Be	S.Q.Cl	S.Q.Sc	S.Q.Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y	Zr	Nb	Mo	Ru	Pd	Ag	Cd	In	Sn	Sb	Te	I
L1 1000W	4	-2	4897	-100	246	80	1369	47	18	26	262	-1	-1	5	-5	24	16	369	6	10	-1	2	-1	-1	-0.2	0.4	-0.1	-1	0.5	-1	6
L1 950W	-2	-2	7689	-100	405	46	6105	41	17	15	60	-1	-1	4	-5	30	26	541	1	6	-1	4	-1	-1	-0.2	1.2	-0.1	-1	0.4	-1	12
L1 900W	3	-2	5796	-100	306	39	16464	32	12	23	47	2	-1	2	-5	38	35	455	1	7	-1	4	-1	-1	-0.2	1.5	-0.1	-1	0.4	-1	11
L1 850W	10	-2	3039	-100	303	81	1051	14	28	32	13	-1	-1	8	-5	42	15	300	12	32	-1	3	-1	-1	-0.2	-0.2	-0.1	-1	0.6	-1	-2
L1 800W	10	-2	11077	-100	436	25	4935	51	24	19	377	2	-1	2	-5	29	9	265	1	11	-1	6	-1	-1	-0.2	0.8	-0.1	-1	0.3	-1	2
L1 750W	7	-2	5252	-100	581	42	1336	21	20	13	74	2	-1	2	-5	20	4	339	1	6	1	3	-1	-1	-0.2	0.6	-0.1	-1	0.3	-1	-2
L1 700W	17	-2	7454	-100	481	73	793	44	17	10	92	1	-1	3	-5	27	12	304	1	5	2	6	-1	-1	-0.2	0.8	-0.1	-1	0.3	-1	-2
L1 650W	26	-2	4453	-100	419	34	744	29	28	9	123	-1	-1	2	-5	25	34	213	3	6	-1	1	-1	-1	-0.2	0.5	-0.1	-1	0.5	-1	-2
L1 600W	-2	-2	6281	-100	396	41	1113	20	15	7	14	1	-1	3	-5	28	22	342	1	7	-1	4	-1	-1	-0.2	0.2	-0.1	-1	0.4	-1	5
L1 550W	11	-2	3620	-100	647	21	2638	21	22	11	101	2	-1	1	-5	19	15	260	1	6	-1	2	-1	-1	-0.2	0.6	-0.1	-1	0.3	-1	-2
L1 500W	5	-2	4623	-100	292	44	265	5	20	19	53	-1	-1	4	-5	27	24	291	2	13	-1	3	-1	-1	-0.2	0.2	-0.1	-1	0.3	-1	-2
L1 450W	16	-2	2107	-100	439	53	1153	21	29	25	58	-1	-1	4	-5	27	23	397	4	18	1	3	-1	-1	-0.2	-0.2	-0.1	-1	0.4	-1	4
L1 400W	10	-2	5786	-100	405	78	169	3	20	26	49	1	-1	5	-5	32	29	392	6	19	-1	2	-1	-1	-0.2	-0.2	-0.1	-1	0.5	-1	5
L1 350W	9	-2	4253	-100	488	42	4029	37	23	13	26	1	-1	2	-5	23	32	391	1	7	-1	4	-1	-1	-0.2	0.5	-0.1	-1	0.4	-1	4
L1 300W	4	-2	10715	-100	398	42	732	14	17	12	64	-1	-1	3	-5	47	36	576	1	9	-1	6	-1	-1	-0.2	0.7	-0.1	-1	0.4	-1	9
L1 250W	8	-2	15083	-100	309	86	2255	15	42	44	56	2	-1	5	-5	111	45	766	8	17	-1	12	-1	-1	-0.2	0.5	-0.1	-1	1.1	-1	40
L1 200W	6	-2	8952	-100	331	94	1300	14	19	26	15	-1	-1	5	-5	45	20	446	2	13	-1	2	-1	-1	-0.2	-0.2	-0.1	-1	1.0	-1	15
L1 150W	3	-2	8215	-100	553	20	2583	13	17	14	130	-1	-1	2	-5	24	20	589	-1	3	-1	13	-1	-1	-0.2	0.5	-0.1	-1	0.4	-1	-2
L1 100W	4	-2	11372	-100	271	36	9542	26	31	31	33	1	-1	4	-5	46	19	760	4	8	-1	20	-1	-1	-0.2	0.8	-0.1	-1	0.7	-1	18
L1 50W	13	-2	7818	-100	191	167	7754	48	61	76	24	-1	-1	9	7	180	15	686	17	22	-1	39	-1	-1	-0.2	0.4	-0.1	-1	1.2	-1	158
L1 00	7	-2	10706	-100	555	167	4872	58	34	36	35	-1	-1	10	-5	49	39	636	7	18	1	5	-1	-1	-0.2	0.3	-0.1	-1	0.9	-1	12
L1 933W	17	-2	20719	-100	266	625	5973	129	146	54	140	1	1	24	-5	130	20	901	6	9	1	32	-1	-1	-0.2	1.8	-0.1	-1	2.3	-1	16
L1 857W	2	-2	11787	-100	122	43	17737	15	43	29	118	-1	-1	14	-5	102	5	441	2	2	-1	12	-1	-1	-0.2	0.8	-0.1	-1	0.5	-1	76

Certified By:

D. D'Anna, Dipl. T.
ICPMS Technical Manager, Activation Laboratories Ltd.

Date Received: May-12-2000 Date Reported: June-2-2000

Enzyme Leach℠ Interpretation for the Erin Ventures Ltd. Stope Baby project, Cariboo mining district, B.C., Canada

by: Gregory T. Hill, Enzyme Laboratories, Inc.

16 June 2000

Summary

Enzyme Leach℠ data were generated from soils collected at 70 sample sites on the Stope Baby property. The samples were collected from a small grid area as well as an east-west traverse adjacent to the mini-grid. Apical, combination, and rarely, simple halo anomalies clearly indicate the mineralized zones and the VLF-EM conductors on the Stope Baby property. The anomalies are formed among most of the reported elements. Additional grid soil sampling is recommended as follow up prior to choosing drill targets. The data from the present study provide important information that should be used to interpret data from an expanded sampling program.

Introduction and Evaluation Procedure

Enzyme Leach℠ data were generated from soils collected at 70 sample sites on the Stope Baby property. Thirty-nine of these samples were collected within a grid above the northward projection of a newly discovered gold showing, as described by H. Wahl, P. Eng., B.C.. The remaining thirty-one soil samples were collected along a single traverse to the east of the grid in an area where north-northwest to north-northeast trending VLF-EM conductors and major magnetic breaks have been defined. In addition, two silt samples were collected along Line 1 and analyzed by Enzyme Leach℠. Data from these silt samples was not plotted with the soils on the profiles included with this report. Samples in the grid were collected at 20 m intervals along three east-west lines at 20N, 53N, and 150N. Data from the grid were plotted as colored contour maps generated using Surfer data mapping software. The data from Line 1 in the eastern part of the claim block were plotted as profiles using Excel software. Because the data ranges are not extreme within this data set, no truncation procedures were deemed necessary. As a result, the only modification to the data was the substitution of one half the detection limits for non-detected values in the grid samples. The sample locations were supplied by H. Wahl. They are assumed to be accurately located with regard to geologic and geographic features. The author has never visited the property from which these samples were collected.

A Cd halo and Mn combination anomaly also appear to be present above the vein/shear zone mineralization. Manganese forms central lows above most of the conductors on Line 1 and distinctive Pb highs mark several of the conductors. The other metals do not clearly indicate the positions of the conductors.

Rare Earth Elements

The rare earth elements (REE) are geochemically similar and, as such, tend to yield similar patterns. Plots of La, Ce, and Pr are included with this report. Although there are slight differences in the individual REE distributions in this study, the patterns generated by these elements are generally the same. The REE patterns are very similar to the oxidation suite element distributions, forming combination anomalies within the mini-grid. On Line 1, like Zn, REE highs are also excellent indicators of conductors. However, unlike Zn, the REE also form the highest peaks at both ends of the line, suggesting that the REE are forming combination anomalies in the eastern part of the claim block as well as above the newly discovered quartz vein/shear zone.

Lithophile Elements

Lithium and barium are enriched into an oxidation halo and combination anomaly, respectively, within the mini-grid. Although undoubtedly involved in the geochemical processes responsible for forming surficial geochemical patterns, the Sr and Rb distributions do not provide good indications of an oxidation cell or mineralization in the subsurface.

High Field Strength Elements

The high field strength elements are distributed into poorly to moderately formed combination anomalies within the mini-grid, and some elements, such as Ti, show evidence of nested halos. Most of the conductors beneath Line 1 correspond with Y and Hf highs and these elements also form strong peaks at the ends of the grid. Titanium lows on Line 1 correspond with most of the conductor zones, indicating that this element has been swept into oxidation halos above these features.

Precious Metals

No precious metals were detected within any of these samples.

Discussion, Conclusions, and Recommendations

Apical, combination, and rarely, simple halo anomalies clearly indicate the mineralized zones on the Stope Baby property. Signatures that indicate the newly discovered quartz vein/shear zone, the cluster of conductors beneath Line 1, and the individual conductors beneath Line 1 are all discernible. Thus, it appears that oxidation anomalies are present at many scales on the Stope Baby property, and the detection of these anomalies is highly dependent on sample spacing. In fact it is expected that the apparent character of the anomalies would change with different sample spacings. For example, a closer spaced sample grid might reveal narrow central lows, in the distributions of some elements, directly above the quartz vein/shear zone such as that developed among the Cl distribution. These central lows would likely be narrower than the Cl central low above the vein/shear zone, since they are not detectable at the current sample spacing. It is recommended that grid soil sampling followed by Enzyme Leach℠ analysis be conducted across the northern part of the property at a scale that would allow for the recognition of significant oxidation anomalies. Once the sizable oxidation anomalies are located, infill sampling could be used to refine drill targets. Based partly on the size of the oxidation anomaly detected within the mini-grid, an initial spacing of 50 to100 m is recommended. However, because economic Au occurrences can be much smaller than 50 m in width, a smaller sample spacing would more reliably reveal important target areas.

Table 1. Simple statistics generated from the Stope Baby project Enzyme Leach[SM] (ICP-MS) data (Enzyme Leach[SM] job #19867; Report #19718). n/a - not applicable due to too few or no detected values. Statistics calculated after replicate samples removed and ½ detection limit values substituted for not detected values.

Element	Li	Be	Cl	Sc	Ti	V	Mn	Co	Ni	Cu	Zn
Det. Limit (ppb)	2	2	2000	100	100	1	1	1	2	2	10
Maximum	26	1	35256	n/a	857	625	17737	129	146	91	377
Mean	6.6	1.0	9100.0	n/a	380.6	78.1	2228.1	22.8	20.2	22.9	84.3
Median	5	1	8190	n/a	374	63	986	16	17	18	58
Std. Dev.	4.9	0.0	6276.9	n/a	132.5	75.4	3434.9	19.4	18.0	15.6	78.3
StdDev+Median	10.3	1.0	14467.2	n/a	506.2	138.4	4420.7	35.3	34.5	33.5	136.4

Element	Ga	Ge	As	Se	Br	Rb	Sr	Y	Zr	Nb	Mo	Ru	Pd
Det. Limit (ppb)	1	0.5	1	5	5	1	1	0.5	1	1	1	1	1
Maximum	4	2	24	7	180	56	901	35	42	2	39	n/a	n/a
Mean	n/a	n/a	5.4	n/a	44.0	22.9	436.2	4.60	11.4	n/a	4.8	n/a	n/a
Median	n/a	n/a	5	n/a	34	22	393	2.0	10	n/a	3	n/a	n/a
Std. Dev.	n/a	n/a	3.5	n/a	29.9	10.7	154.9	5.70	7.5	n/a	6.1	n/a	n/a
StdDev+Median	n/a	n/a	8.2	n/a	64.0	32.9	547.5	8.10	17.2	n/a	9.2	n/a	n/a

Element	Ag	Cd	In	Sn	Sb	Te	I	Cs	Ba	La	Ce	Pr	Nd	Sm
Det. Limit (ppb)	0.2	0.2	0.1	0.8	0.1	1	2	0.1	1	0.1	0.1	0.1	0.1	0.1
Maximum	n/a	2.2	n/a	n/a	2.3	1	206	0.2	2324	17.1	36.4	5.7	25.2	6.3
Mean	n/a	0.44	n/a	n/a	0.5	n/a	31.1	n/a	531.8	3.01	6.40	0.97	4.16	0.96
Median	n/a	0.3	n/a	n/a	0.4	n/a	21	n/a	470	1.8	4.3	0.6	2.2	0.5
Std. Dev.	n/a	0.43	n/a	n/a	0.3	n/a	41.6	n/a	318.5	3.28	6.53	1.10	4.79	1.12
StdDev+Median	n/a	0.72	n/a	n/a	0.7	n/a	62.4	n/a	788.3	5.11	10.81	1.65	7.01	1.66

Element	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W
Det. Limit (ppb)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
Maximum	1.5	5.3	1	5.4	1.1	3.3	0.4	3.3	0.5	0.7	n/a	5
Mean	0.28	0.79	0.15	0.75	n/a	0.43	n/a	0.40	n/a	0.23	n/a	1.3
Median	0.2	0.4	0.1	0.4	n/a	0.2	n/a	0.2	n/a	0.2	n/a	1
Std. Dev.	0.26	0.91	0.17	0.90	n/a	0.53	n/a	0.50	n/a	0.15	n/a	1.0
StdDev+Median	0.44	1.34	0.22	1.32	n/a	0.76	n/a	0.73	n/a	0.36	n/a	1.7

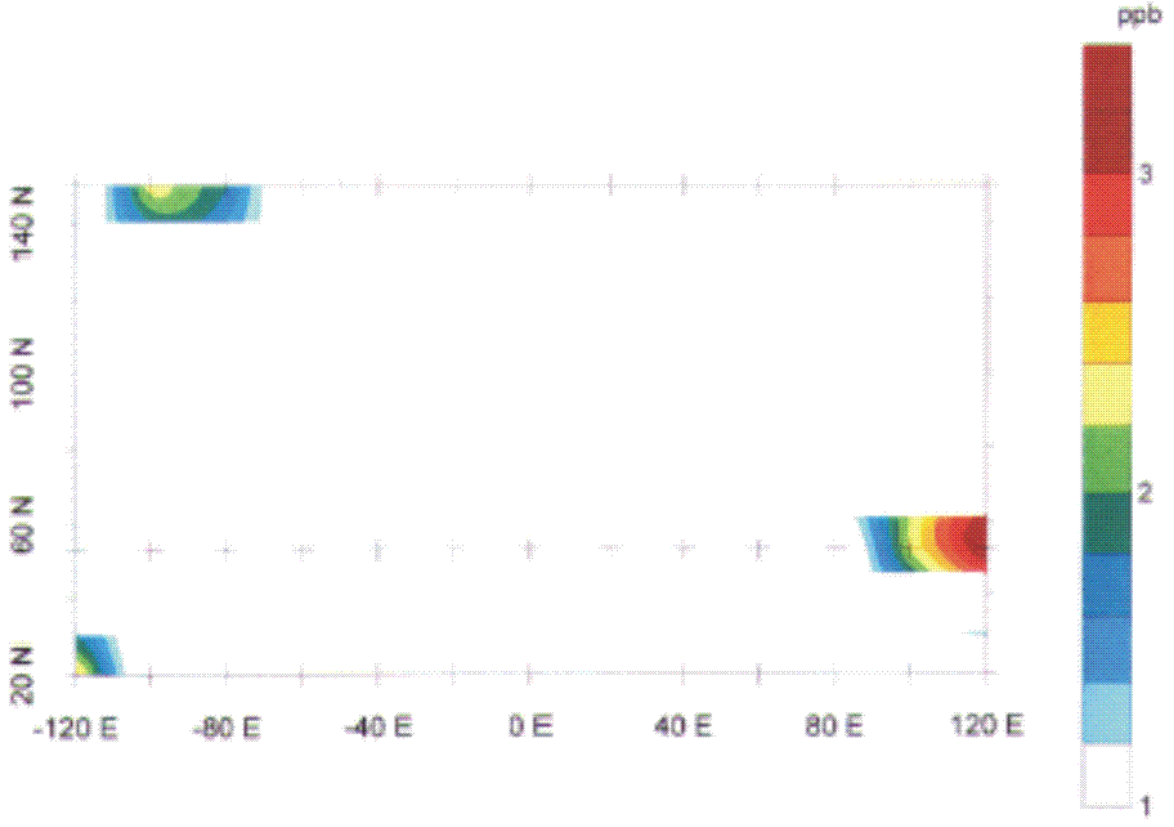
Element	Re	Os	Pt	Au	Hg	Tl	Pb	Bi	Th	U
Det. Limit (ppb)	0.01	1	1	0.05	1	0.1	1	0.5	0.1	0.1
Maximum	0.25	n/a	n/a	n/a	n/a	0.4	4	n/a	3.5	4.7
Mean	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.82	0.75
Median	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.6	0.4
Std. Dev.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.57	0.80
StdDev+Median	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.19	1.24

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Metals **Element: Gallium**

Drawn by: G.T. Hill Date: June 12, 2000



Actlabs

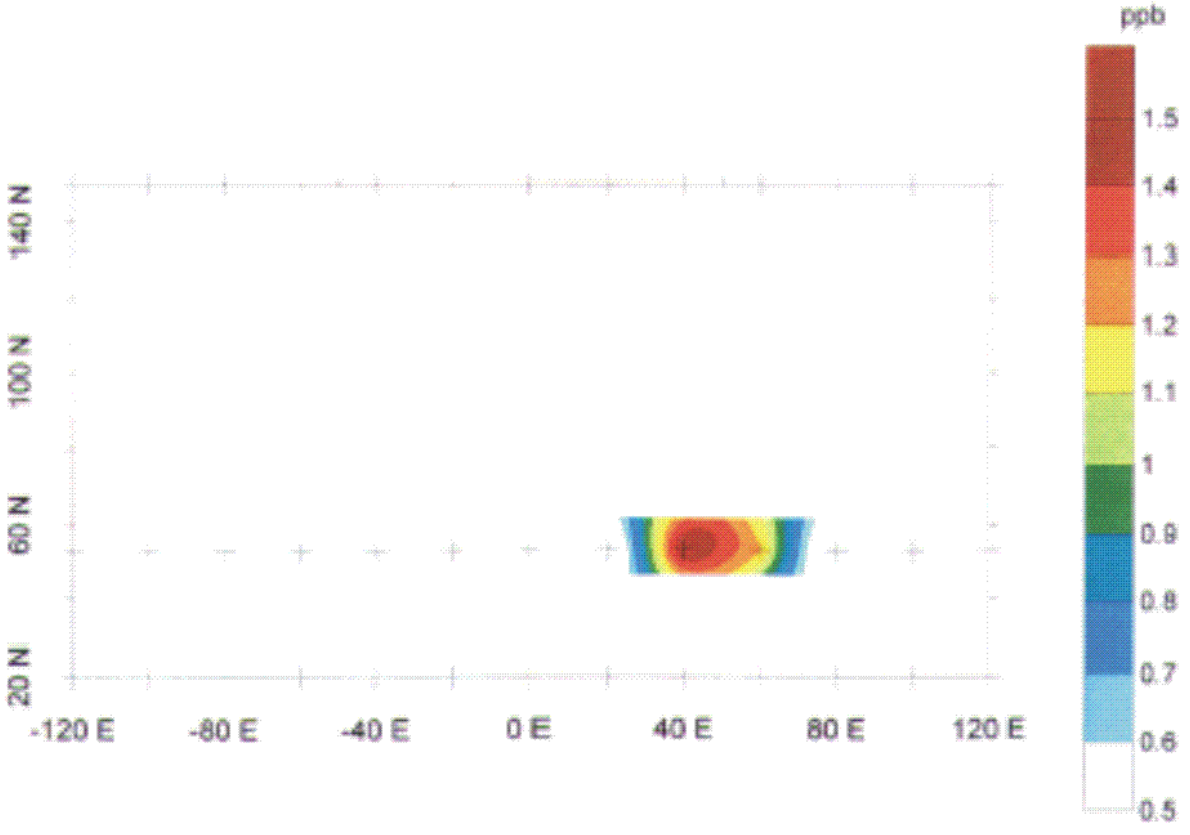
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach™ Data

Element Group: Metals **Element: Germanium**

Drawn by: G.T. Hill Date: June 12, 2000



Scale 1:2000

meters

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Actlabs

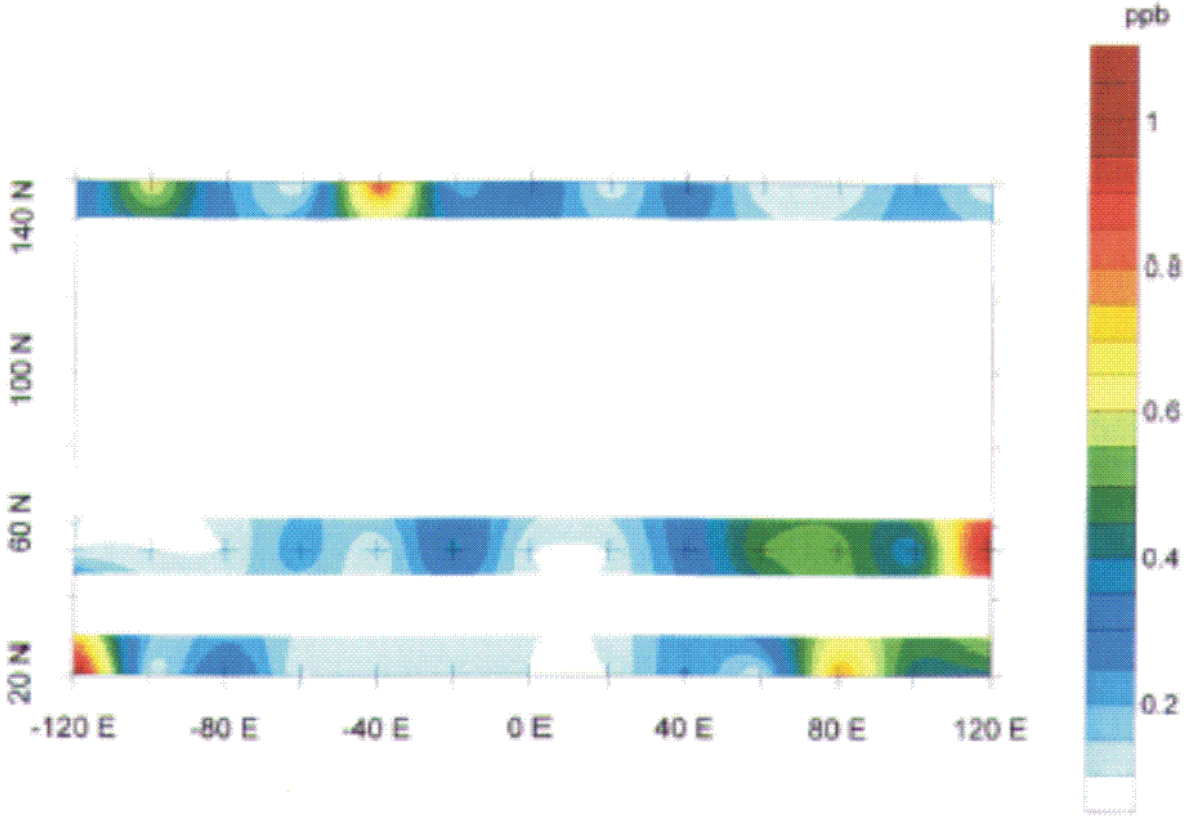
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Metals **Element: Cadmium**

Drawn by: G.T. Hill Date: June 12, 2000



Scale 1:2000

meters

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Actlabs

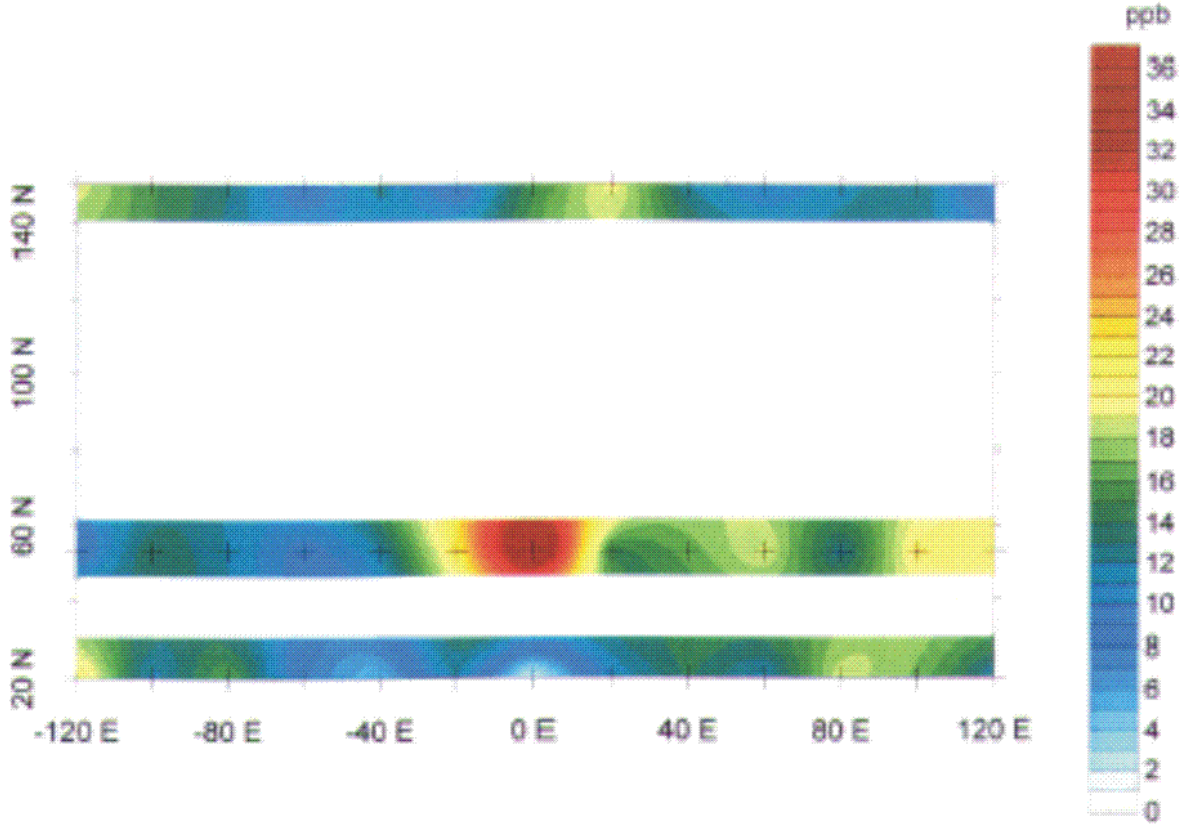
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Metals **Element: Nickel**

Drawn by: G.T. Hill Date: June 12, 2000



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meters

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Actlabs

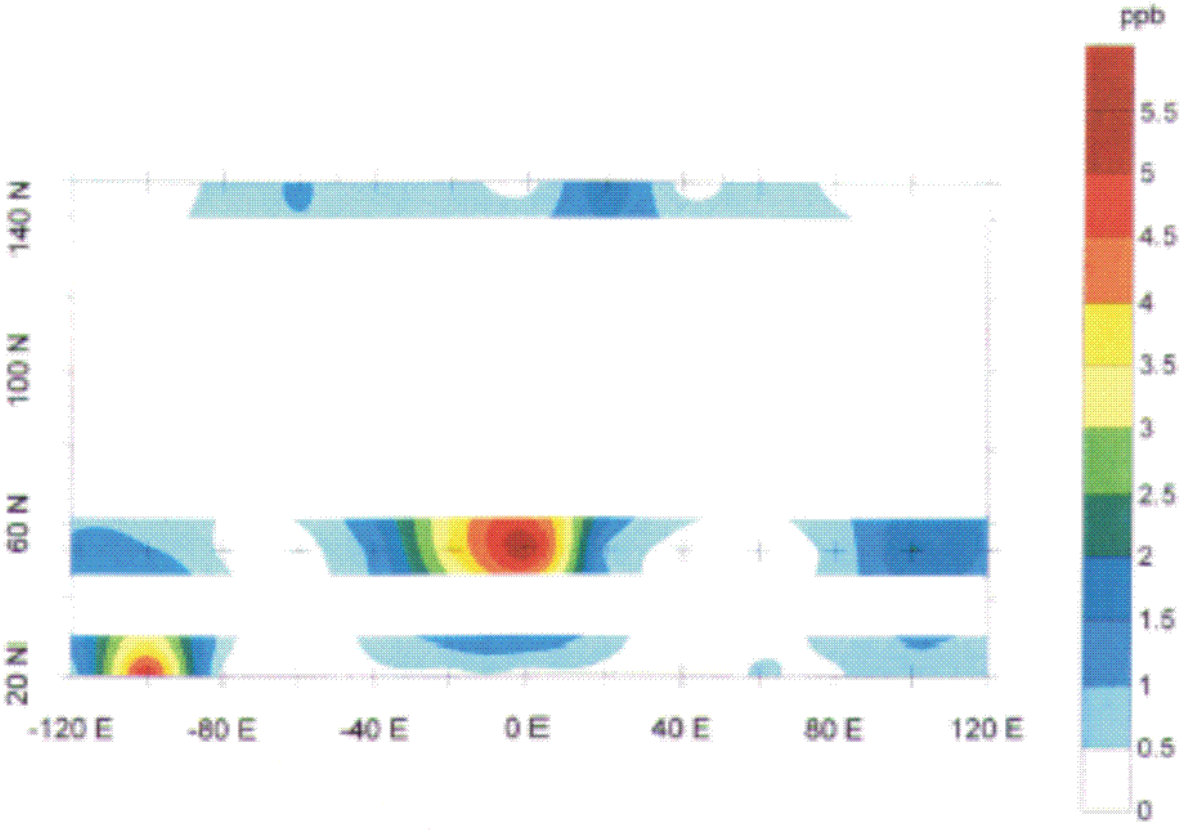
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Rare Earth **Element: Praseodymium**

Drawn by: G.T. Hill Date: June 12, 2000



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meters

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Actlabs

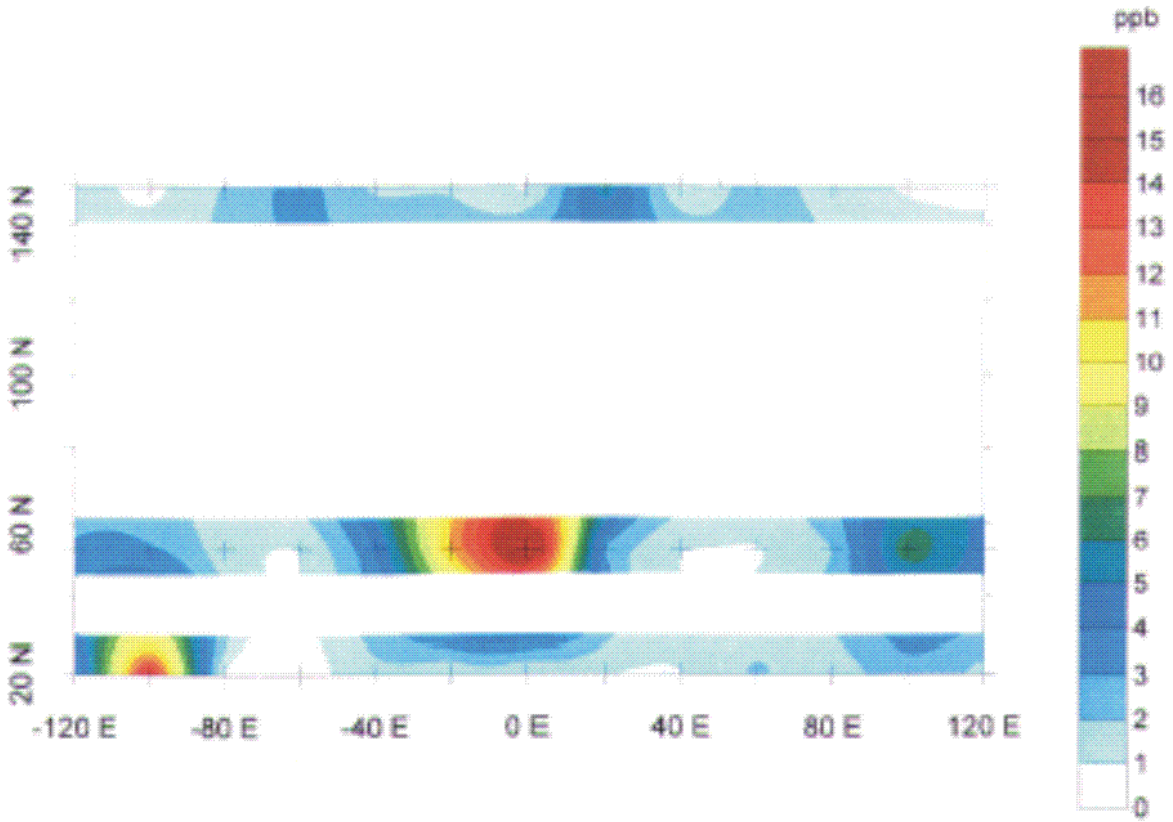
Enzyme Laboratories, Inc.

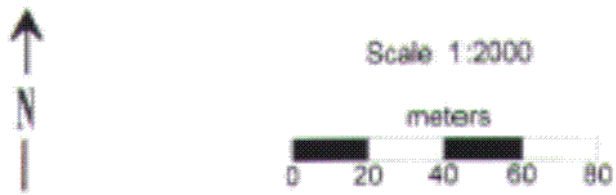
Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Rare Earth **Element: Lanthanum**

Drawn by: G.T. Hill Date: June 12, 2000





Actlabs

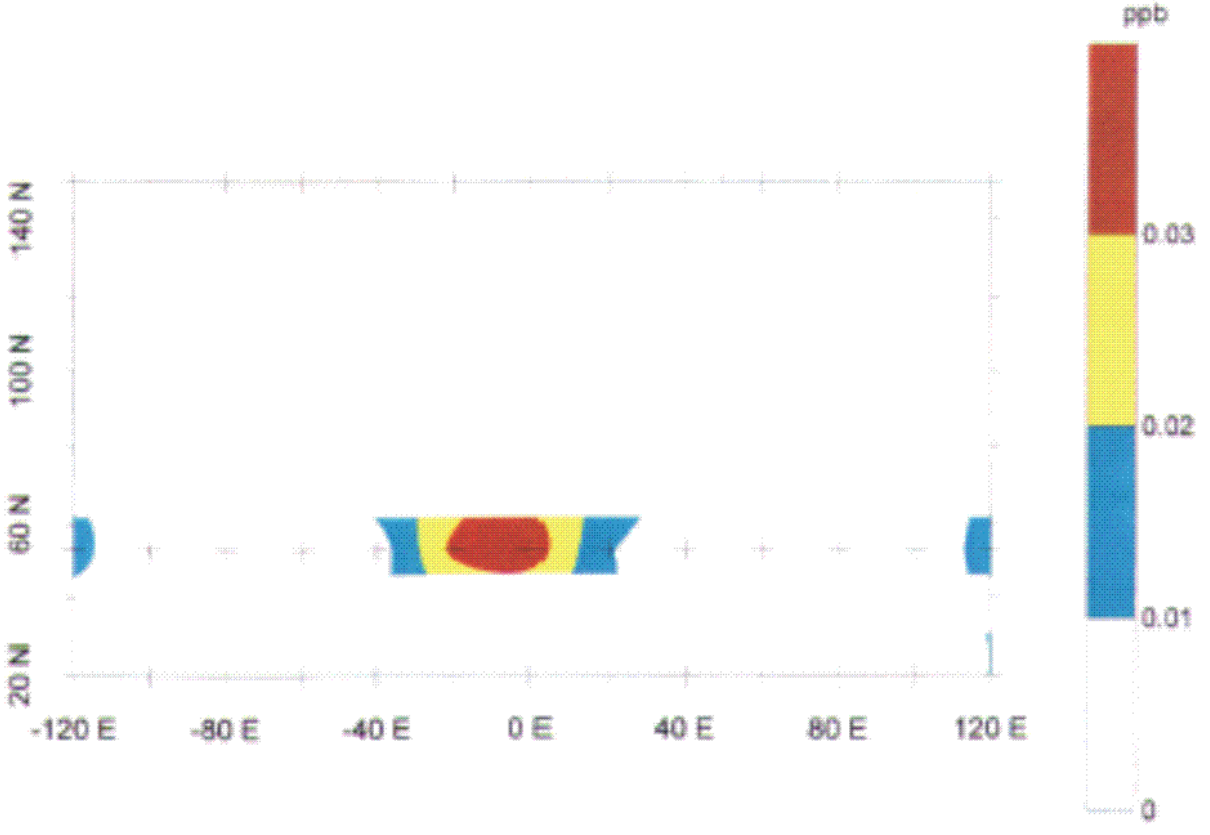
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach™ Data

Element Group: Oxidation Suite **Element: Rhenium**

Drawn by: G.T. Hill Date: June 12, 2000



Scale 1:2000

meters

0 20 40 60 80

Actlabs

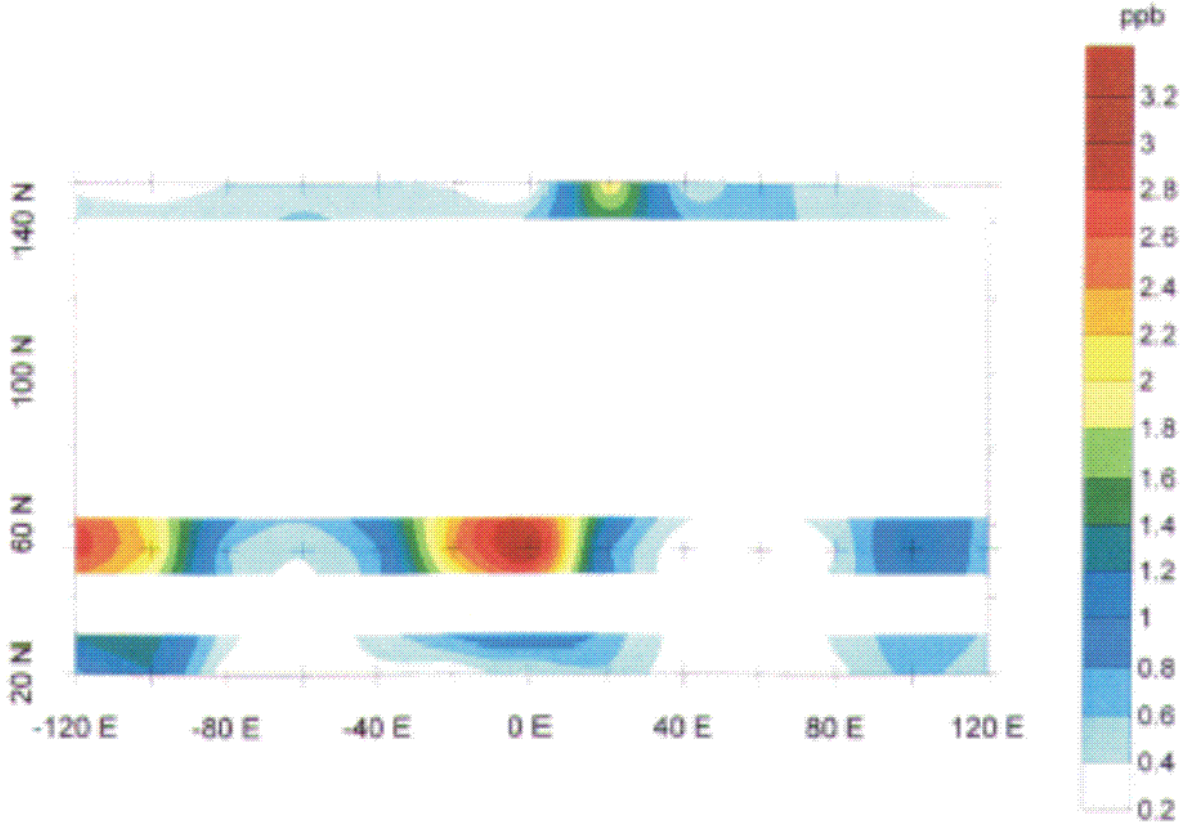
Enzyme Laboratories, Inc.

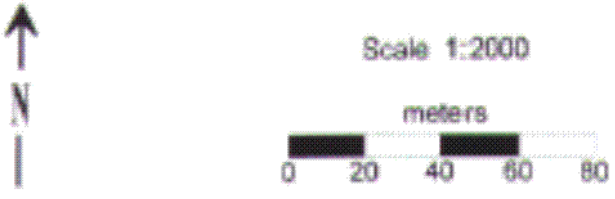
Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Oxidation Suite **Element: Uranium**

Drawn by: G.T. Hill Date: June 12, 2000





Actlabs

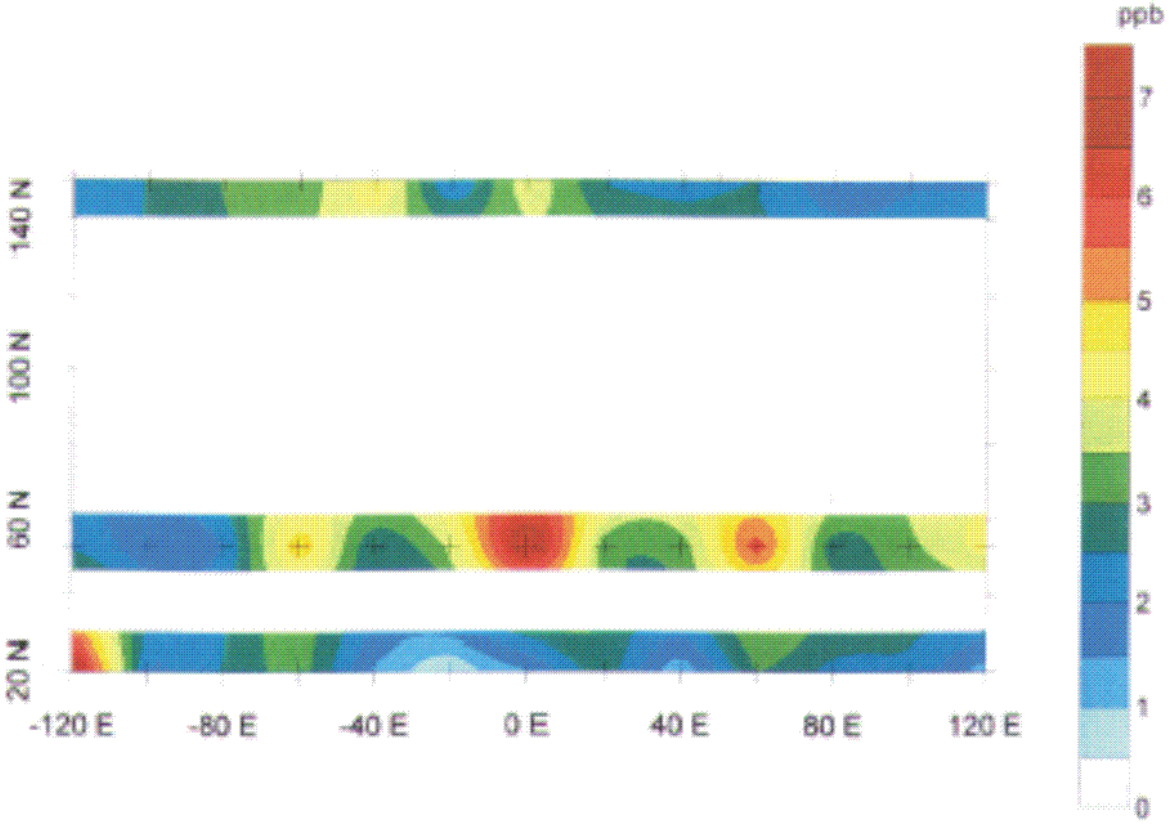
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Oxidation Suite **Element: Molybdenum**

Drawn by: G.T. Hill Date: June 12, 2000



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meters

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Actlabs

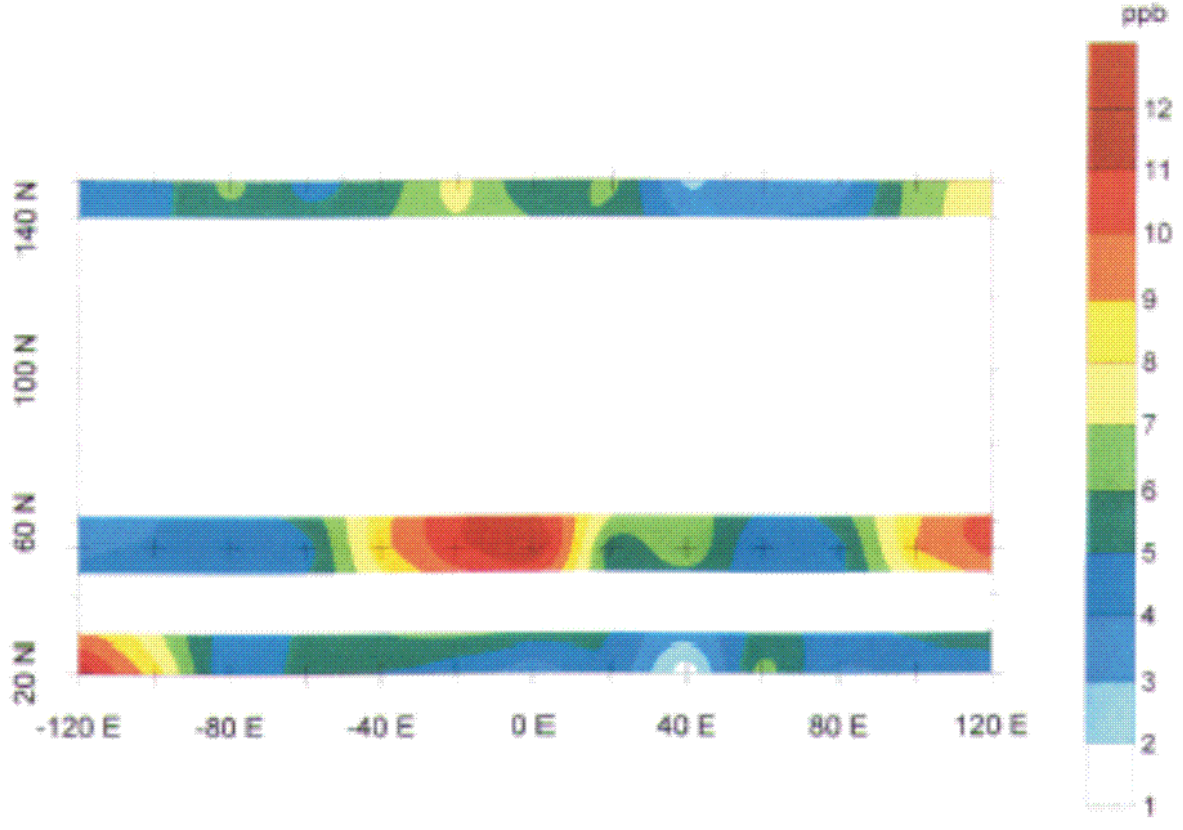
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Oxidation Suite **Element: Arsenic**

Drawn by: G.T. Hill Date: June 12, 2000



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meters

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Actlabs

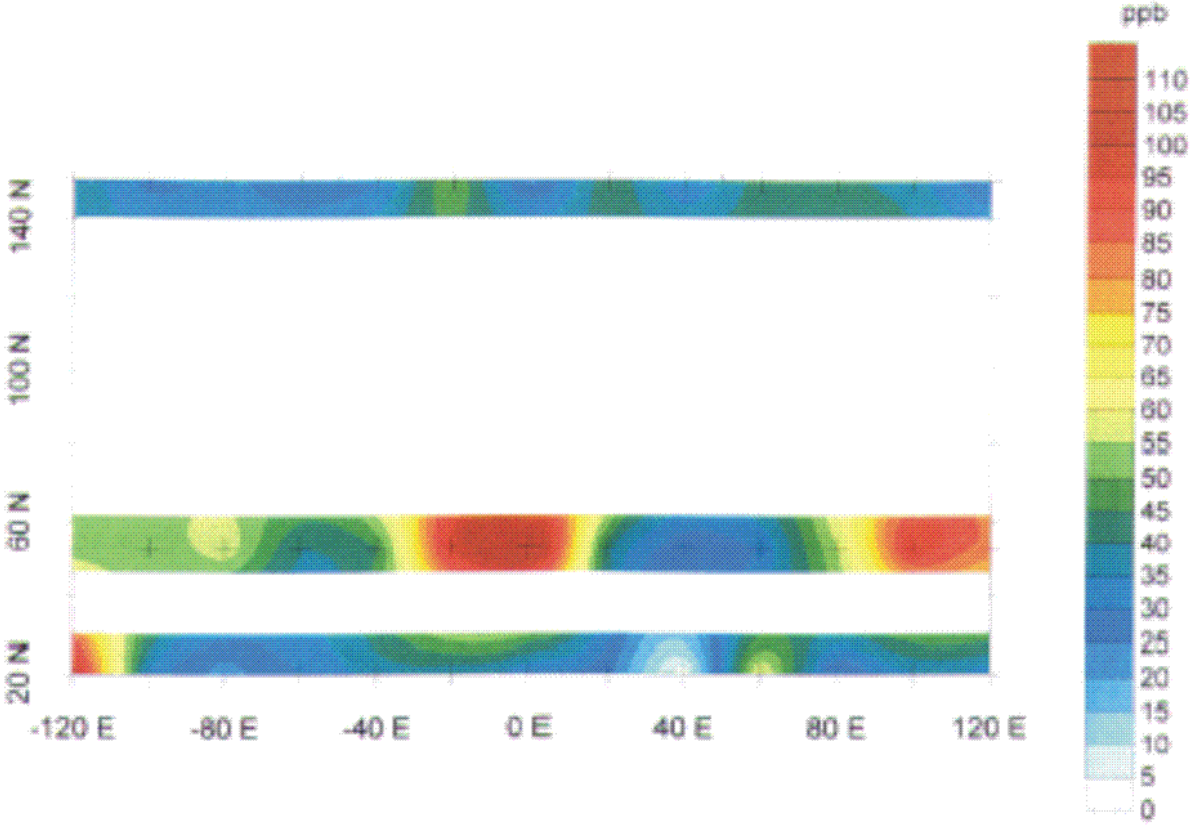
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach™ Data

Element Group: Oxidation Suite **Element: Bromine**

Drawn by: G.T. Hill Date: June 12, 2000



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meters

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Actlabs

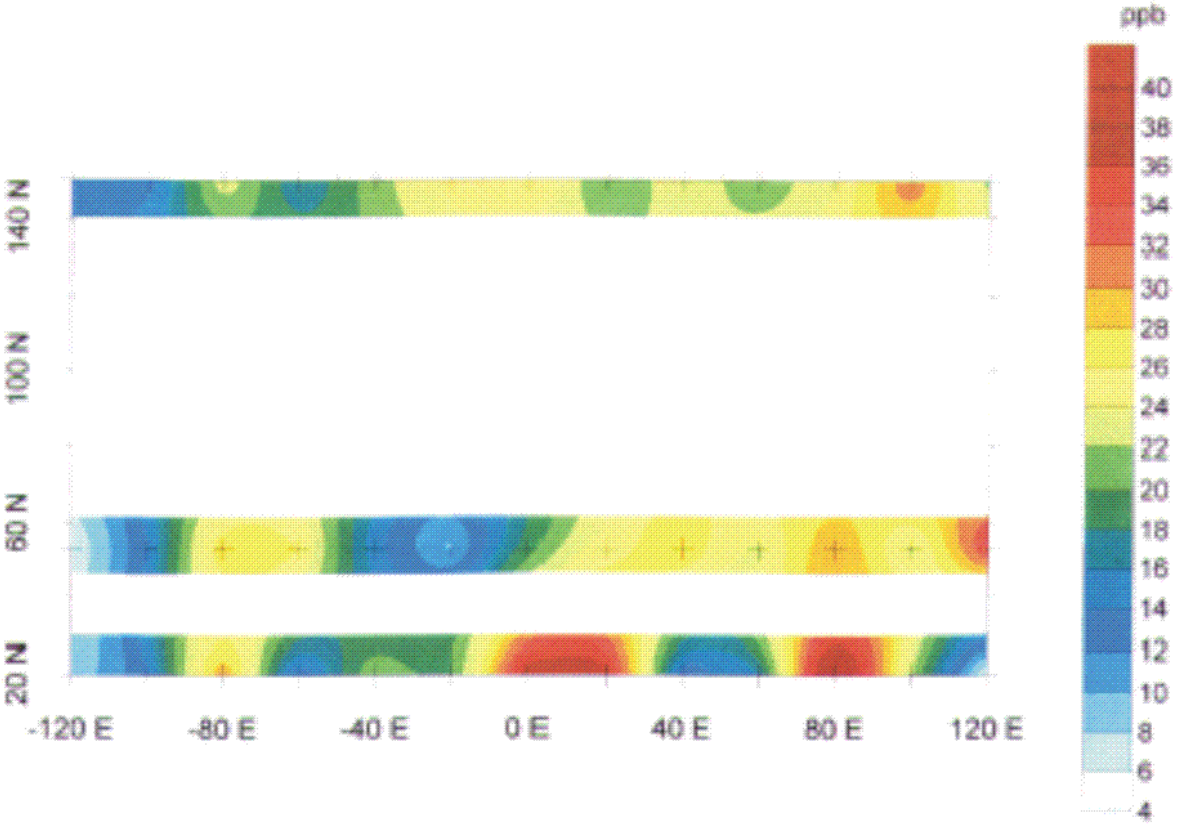
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Lithophile **Element: Rubidium**

Drawn by: G.T. Hill Date: June 12, 2000



Scale 1:2000

meters

0 20 40 60 80

Actlabs

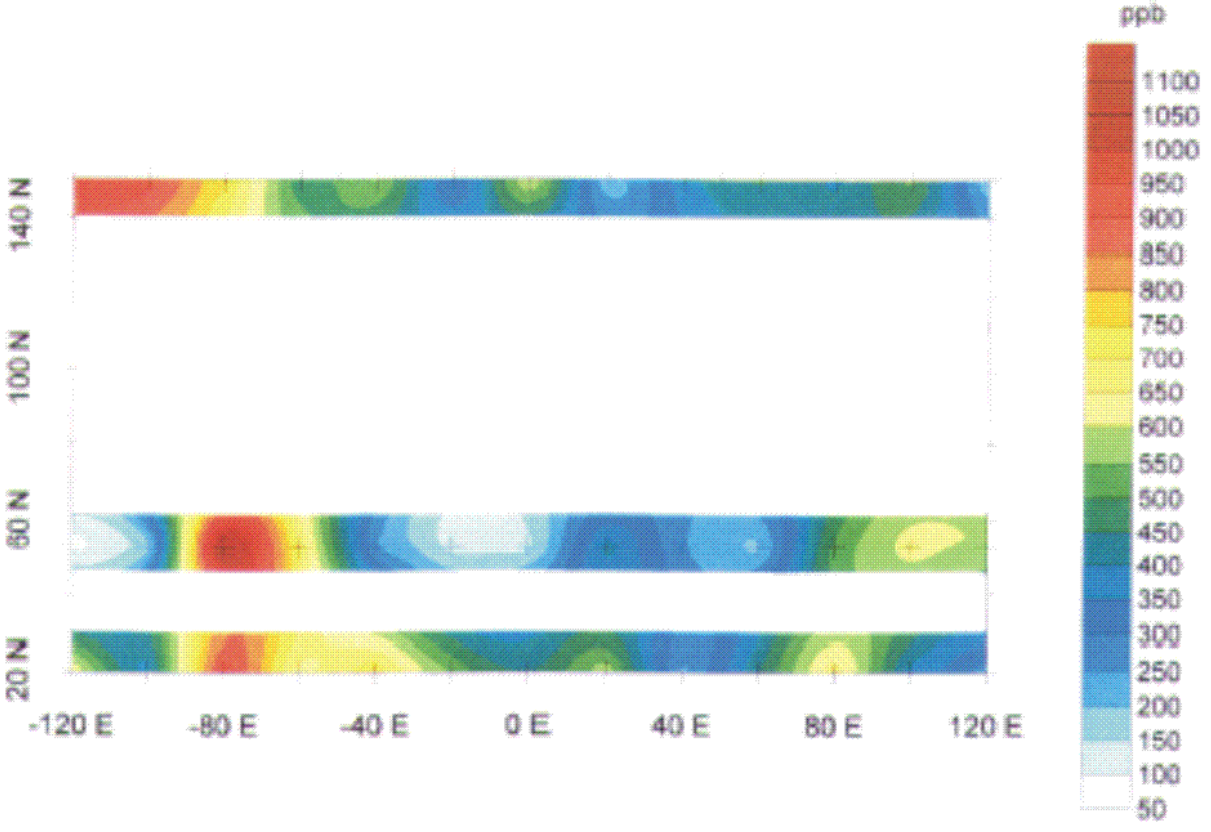
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach™ Data

Element Group: Lithophile **Element: Barium**

Drawn by: G.T. Hill Date: June 12, 2000



Scale 1:2000

meters

0 20 40 60 80

Actlabs

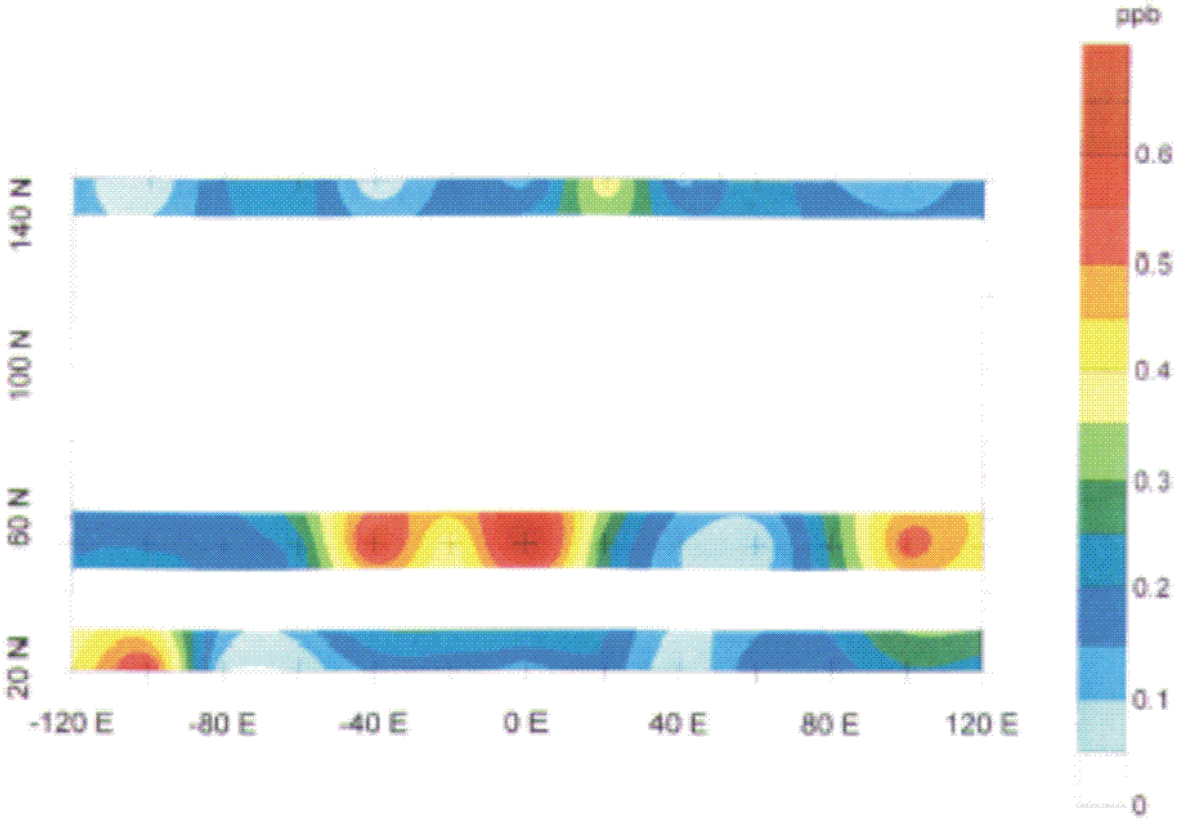
Enzyme Laboratories, Inc.

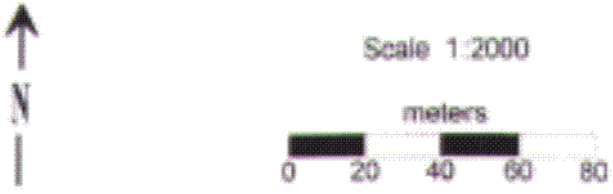
Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: High Field Strength **Element: Hafnium**

Drawn by: G.T. Hill Date: June 12, 2000





Actlabs

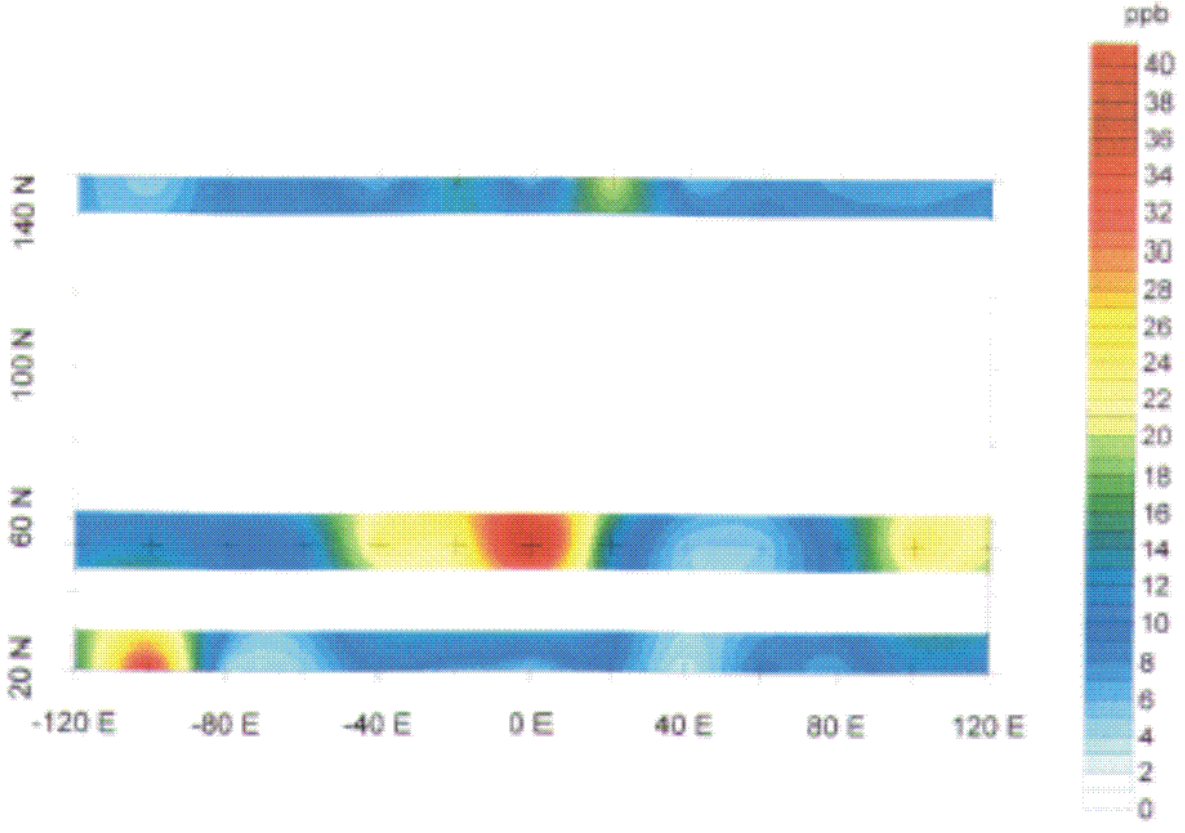
Enzyme Laboratories, Inc.

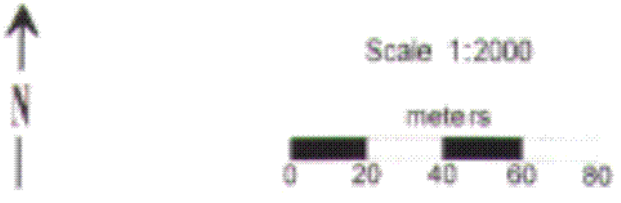
Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: High Field Strength **Element: Zirconium**

Drawn by: G.T. Hill Date: June 12, 2000





Actlabs

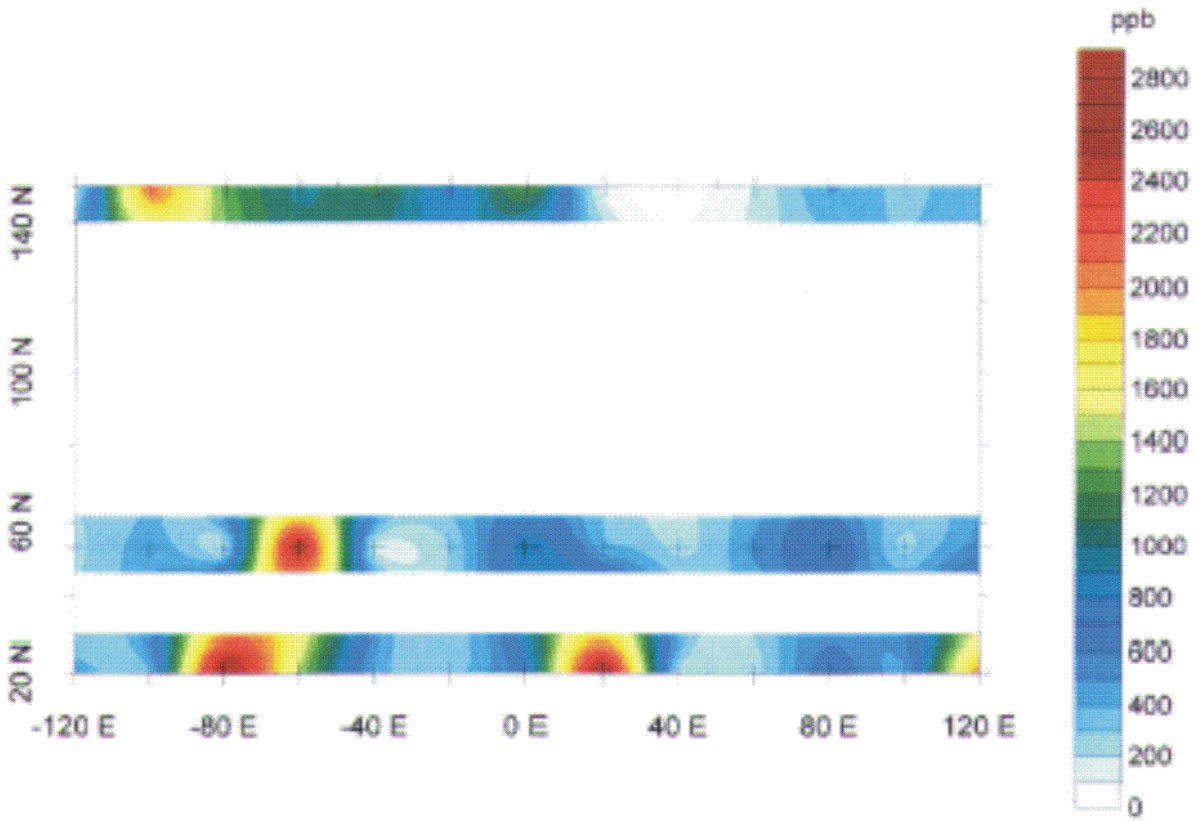
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Metals **Element: Manganese**

Drawn by: G.T. Hill Date: June 12, 2000



Scale 1:2000

meters

0 20 40 60 80

Actlabs

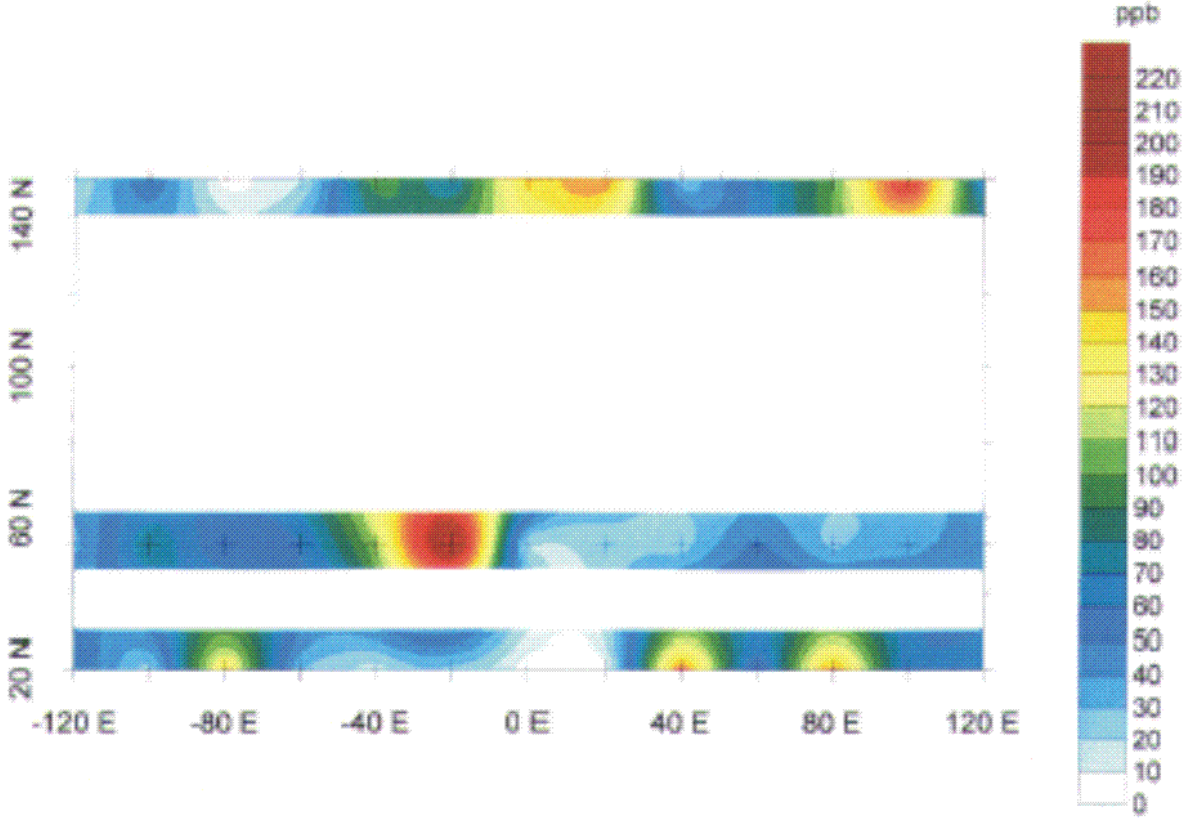
Enzyme Laboratories, Inc.

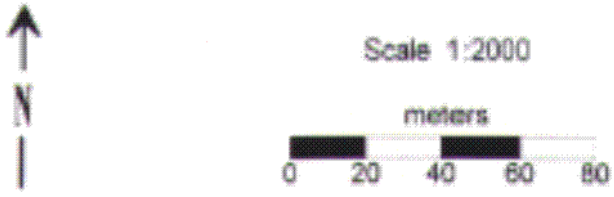
Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Metals **Element: Zinc**

Drawn by: G.T. Hill Date: June 12, 2000





Actlabs

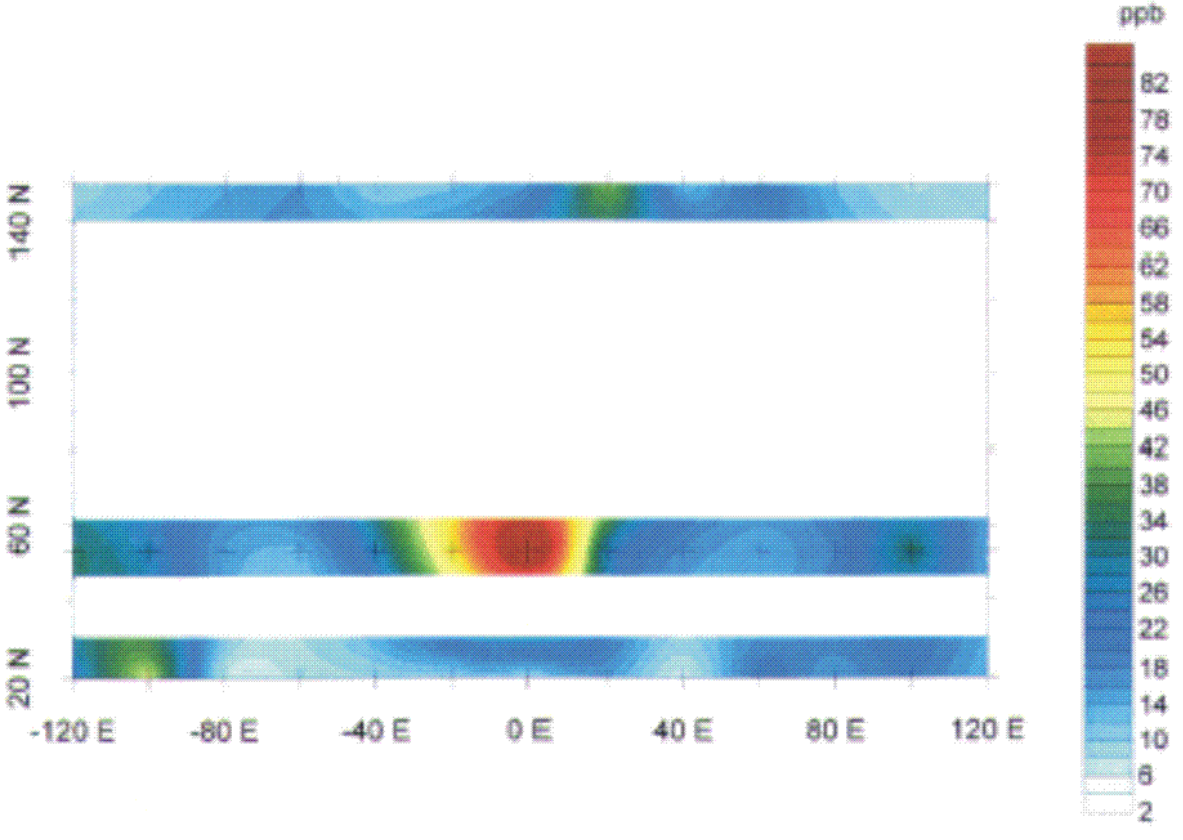
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Metals **Element: Copper**

Drawn by: G.T. Hill Date: June 12, 2000



Scale 1:2000

meters

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Actlabs

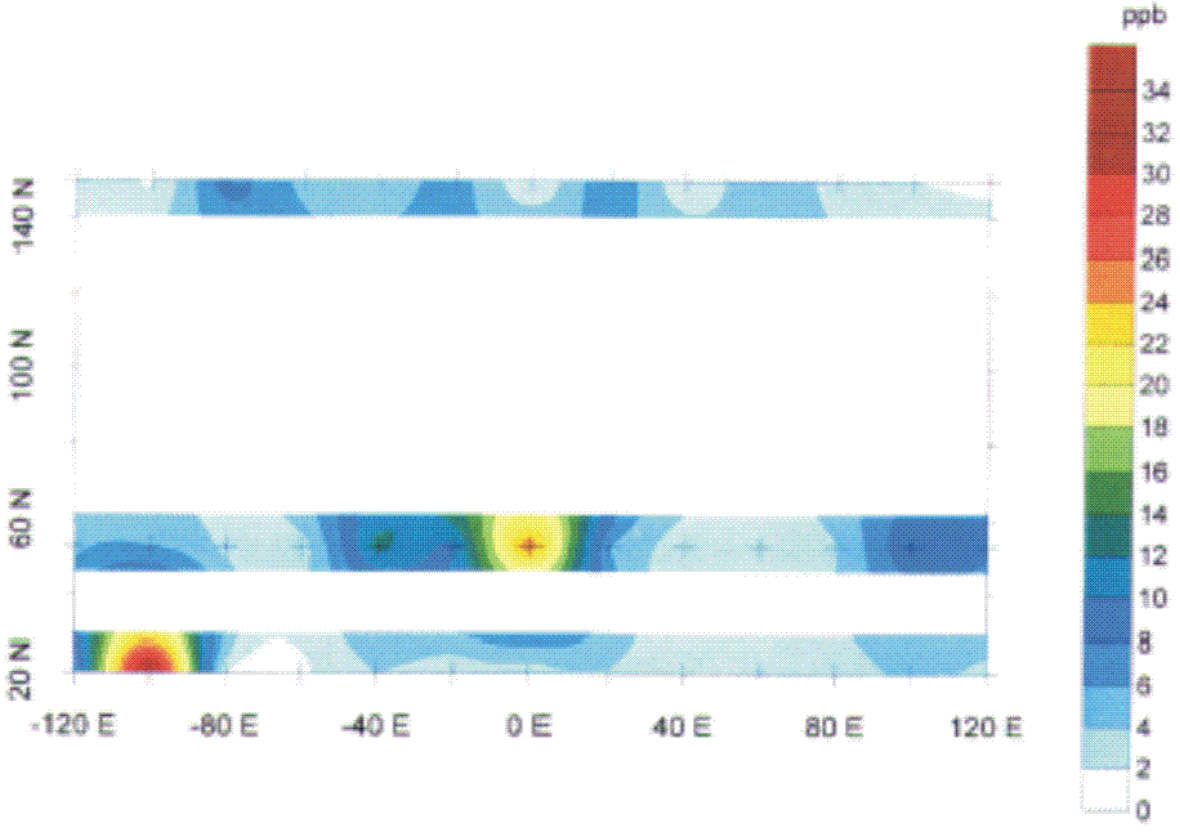
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Rare Earth **Element: Cerium**

Drawn by: G.T. Hill Date: June 12, 2000



Scale 1:2000

meters

0 20 40 60 80

Actlabs

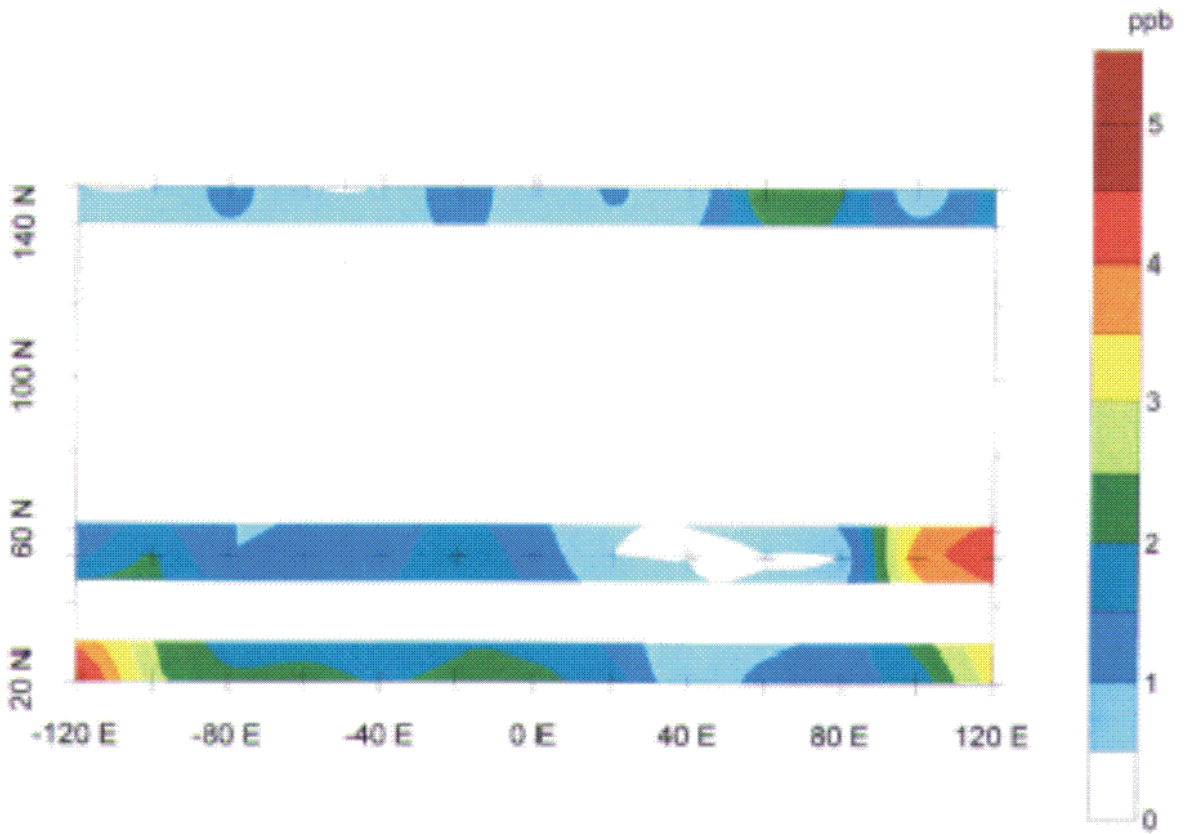
Enzyme Laboratories, Inc.

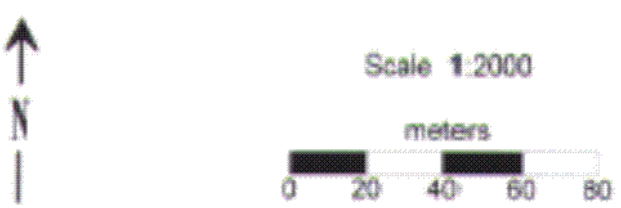
Erin Ventures Ltd. - Stope Baby project

Enzyme Leach™ Data

Element Group: Oxidation Suite **Element: Tungsten**

Drawn by: G.T. Hill Date: June 12, 2000





Actlabs

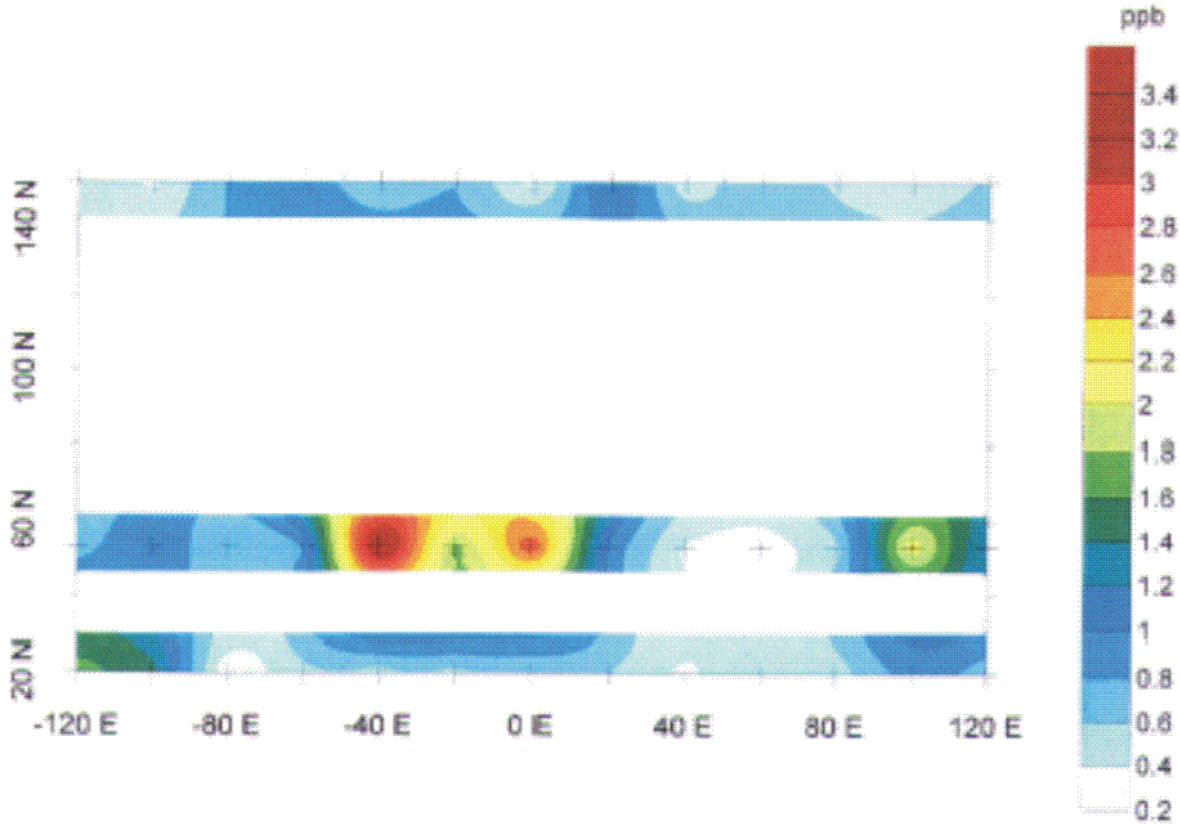
Enzyme Laboratories, Inc.

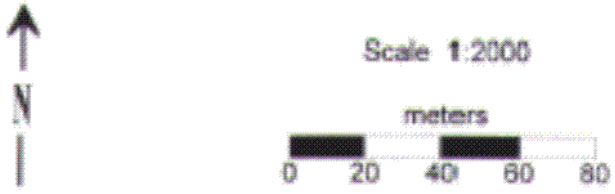
Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Oxidation Suite **Element: Thorium**

Drawn by: G.T. Hill Date: June 12, 2000





Actlabs

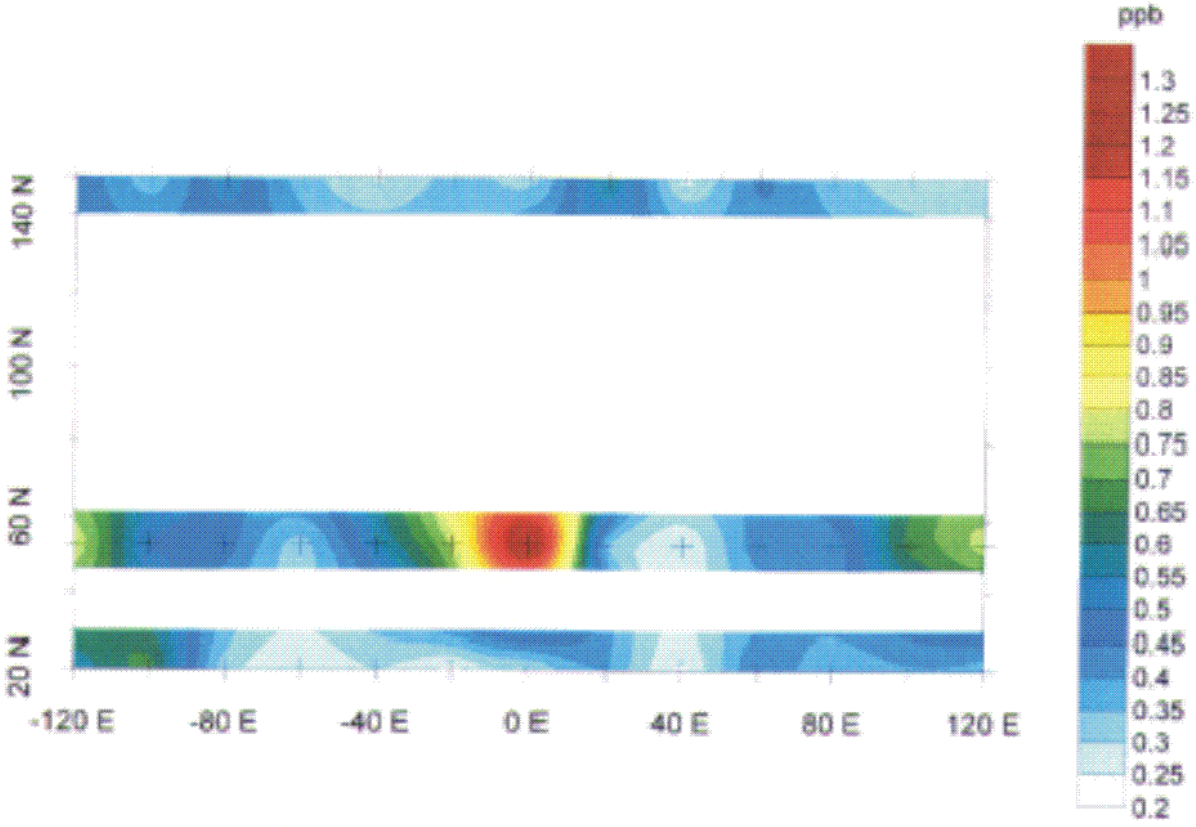
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach[SM] Data

Element Group: Oxidation Suite **Element: Antimony**

Drawn by: G.T. Hill Date: June 12, 2000



Scale 1:2000

Actlabs

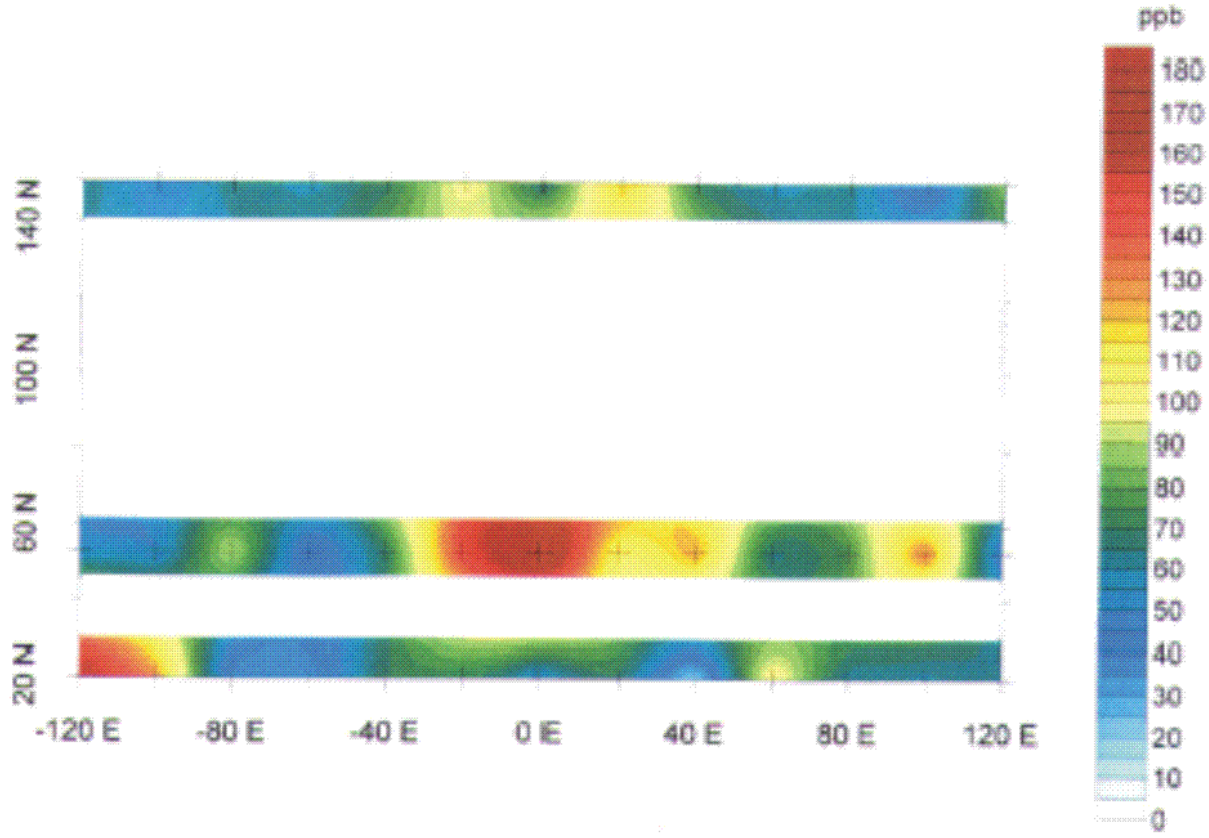
Enzyme Laboratories, Inc.

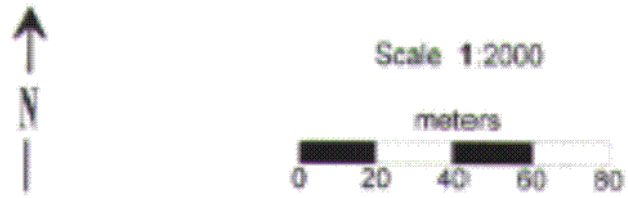
Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Oxidation Suite **Element: Vanadium**

Drawn by: G.T. Hill Date: June 12, 2000





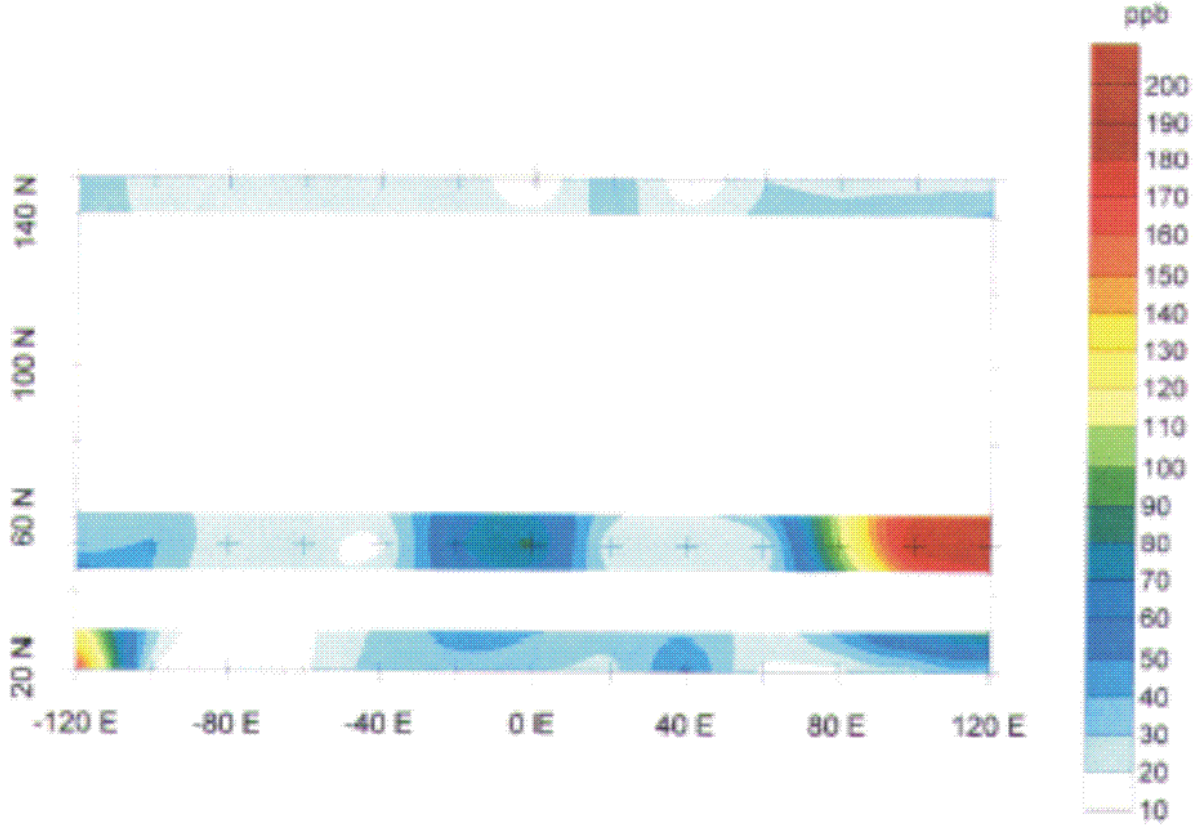
Actlabs
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach[SM] Data

Element Group: Oxidation Suite **Element: Iodine**

Drawn by: G.T. Hill Date: June 12, 2000



Scale 1:2000

meters

0 20 40 60 80

Actlabs

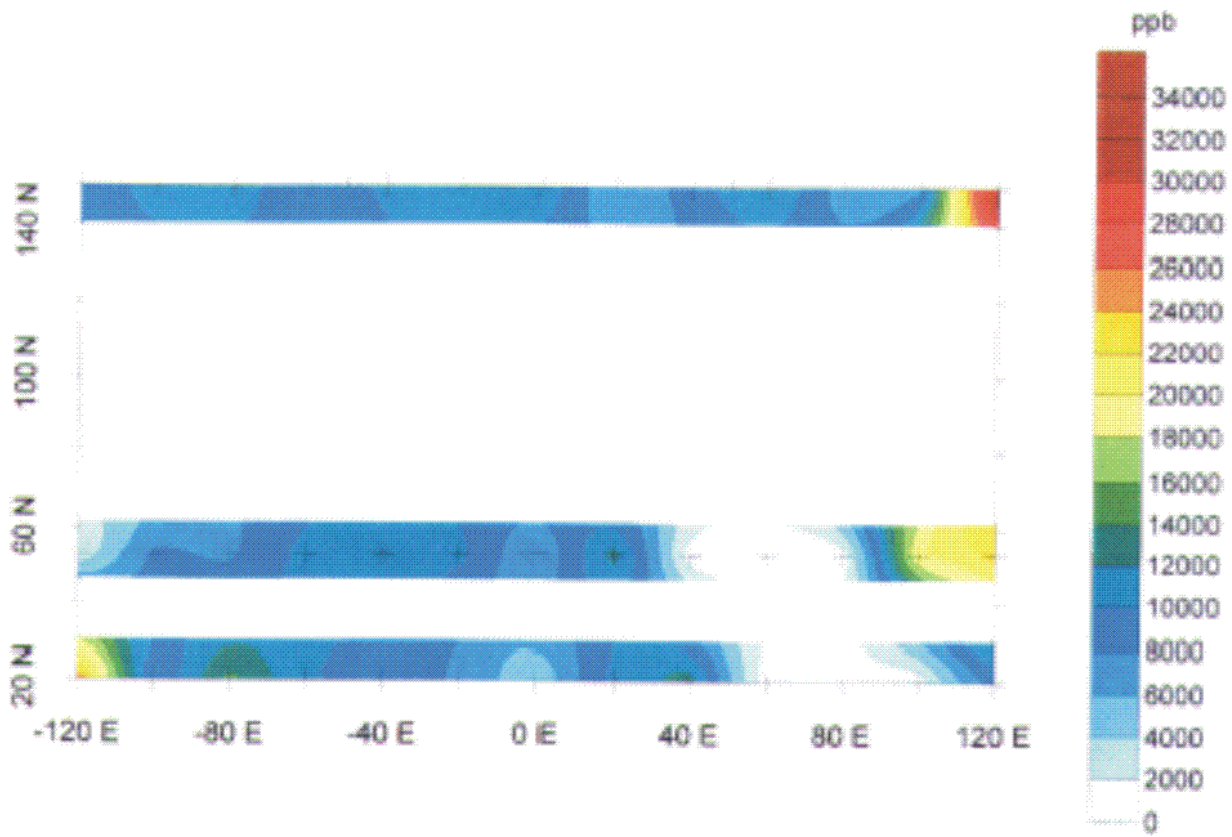
Enzyme Laboratories, Inc.

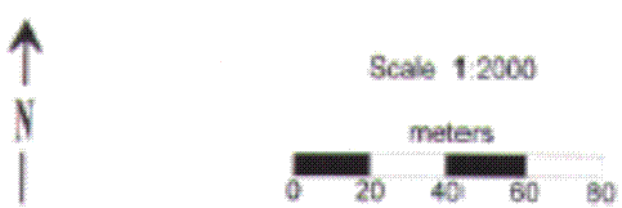
Erin Ventures Ltd. - Stope Baby project

Enzyme Leach™ Data

Element Group: Oxidation Suite **Element: Chlorine**

Drawn by: Q.T. Hill Date: June 12, 2000





Actlabs

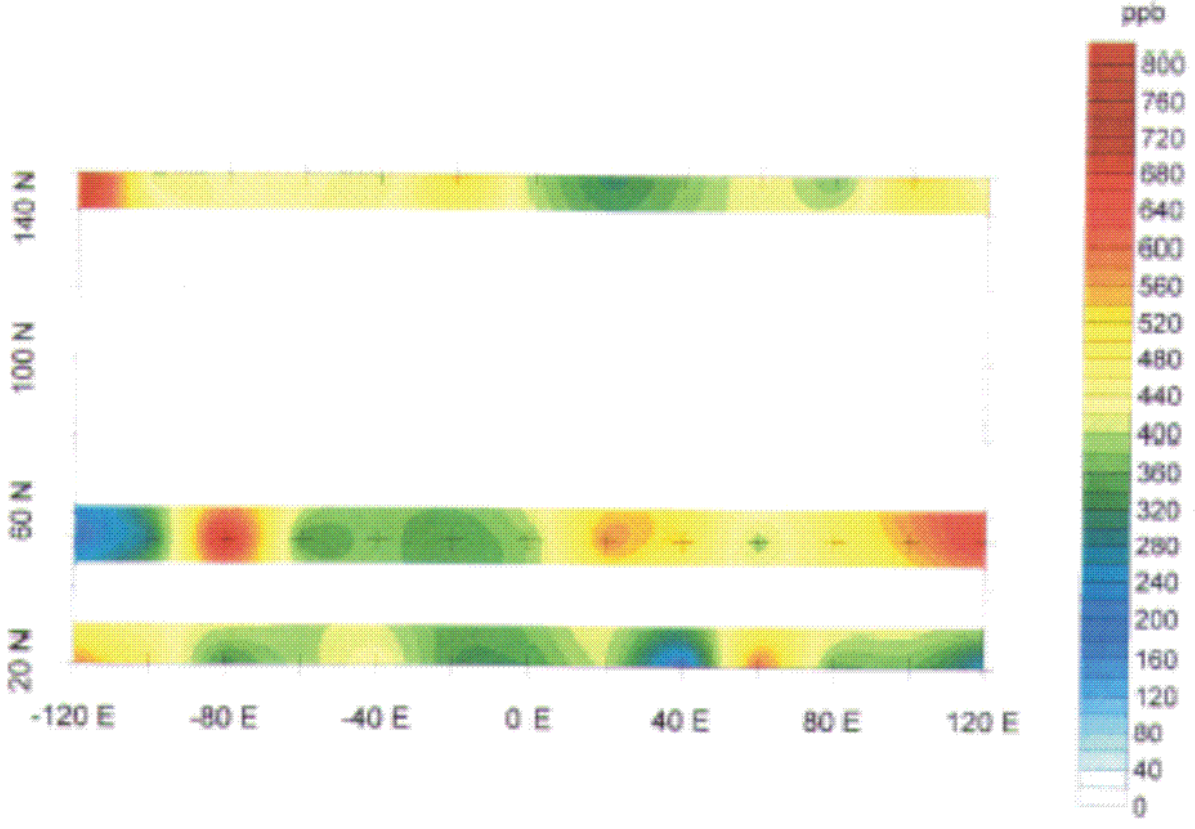
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: Lithophile **Element: Strontium**

Drawn by: G.T. Hill Date: June 12, 2000



Scale 1:2000

meters

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Actlabs

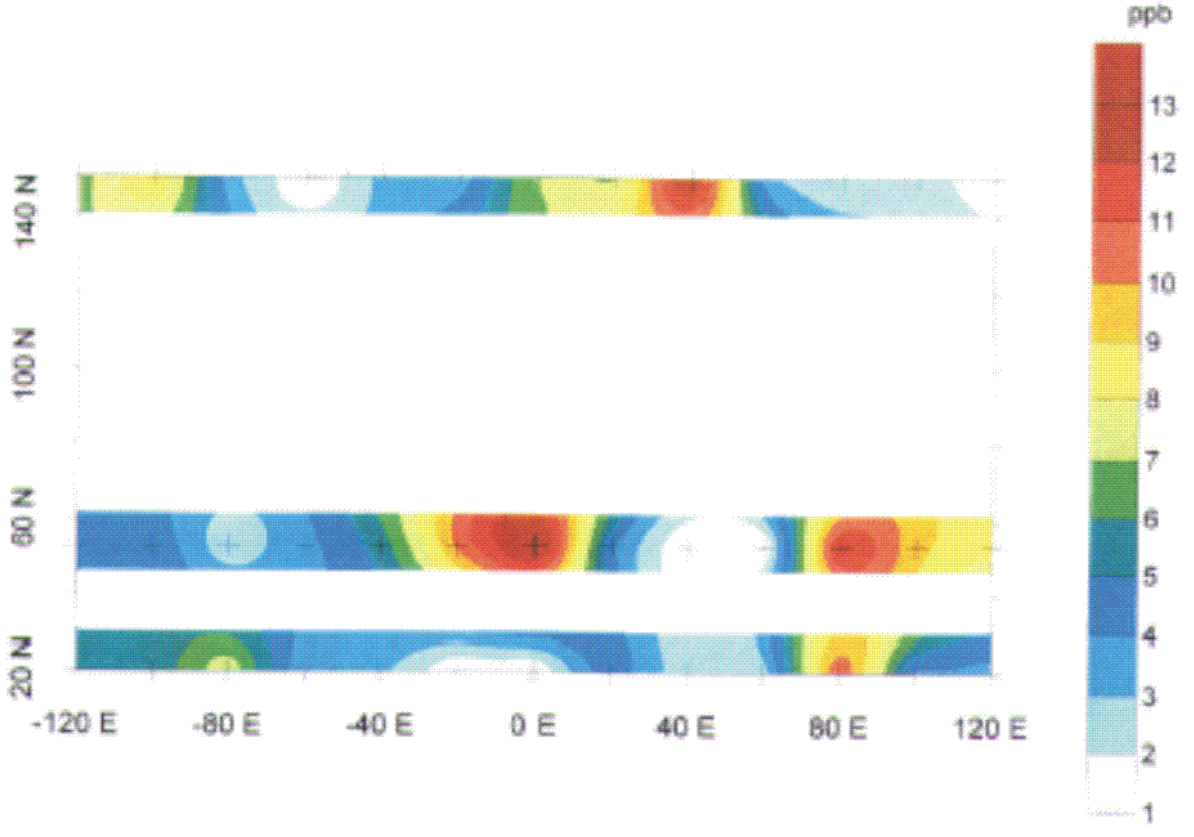
Enzyme Laboratories, Inc.

Erin Ventures Ltd. - Stope Baby project

Enzyme Leach[SM] Data

Element Group: Lithophile **Element: Lithium**

Drawn by: G.T. Hill Date: June 12, 2000



Scale 1:2000

meters

0 20 40 60 80

Actlabs

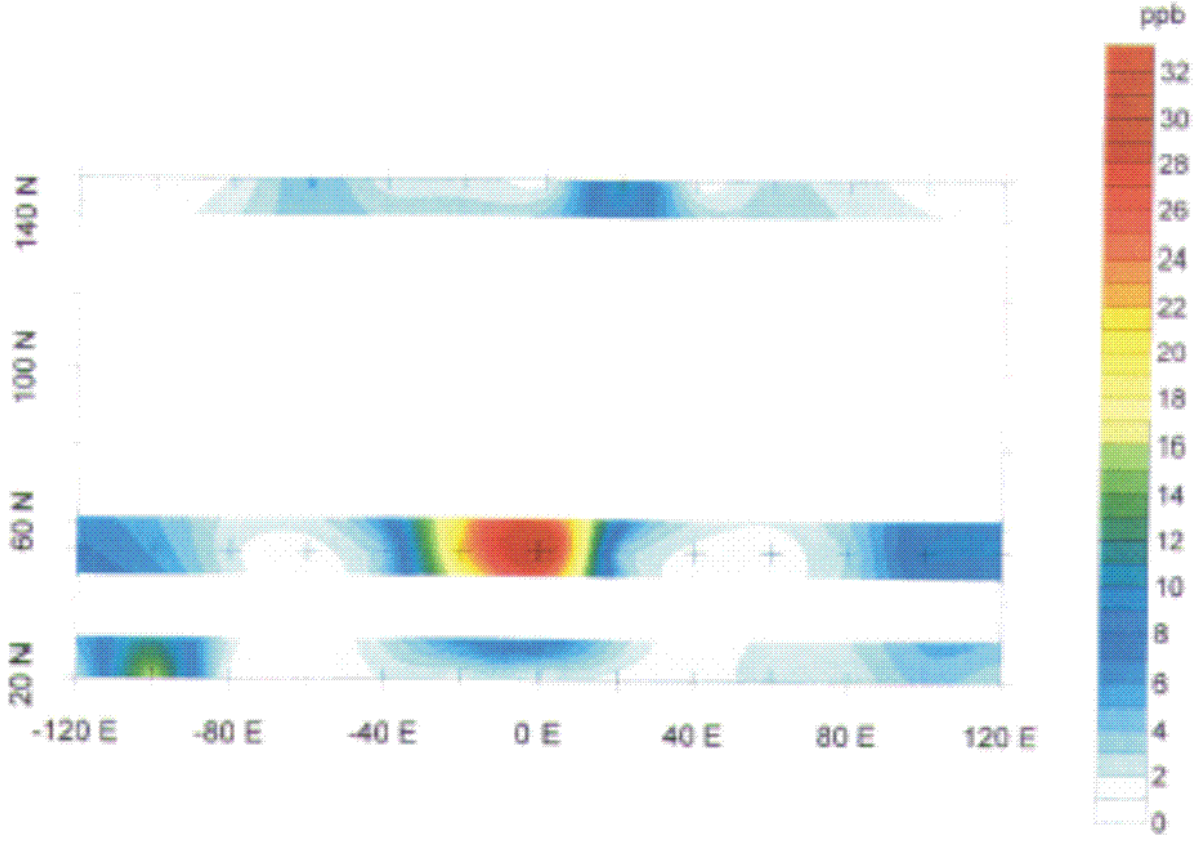
Enzyme Laboratories, Inc.

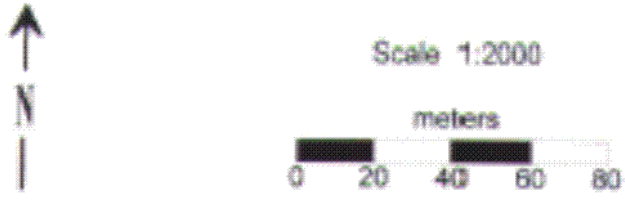
Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: High Field Strength **Element: Yttrium**

Drawn by: G.T. Hill Date: June 12, 2000





Actlabs

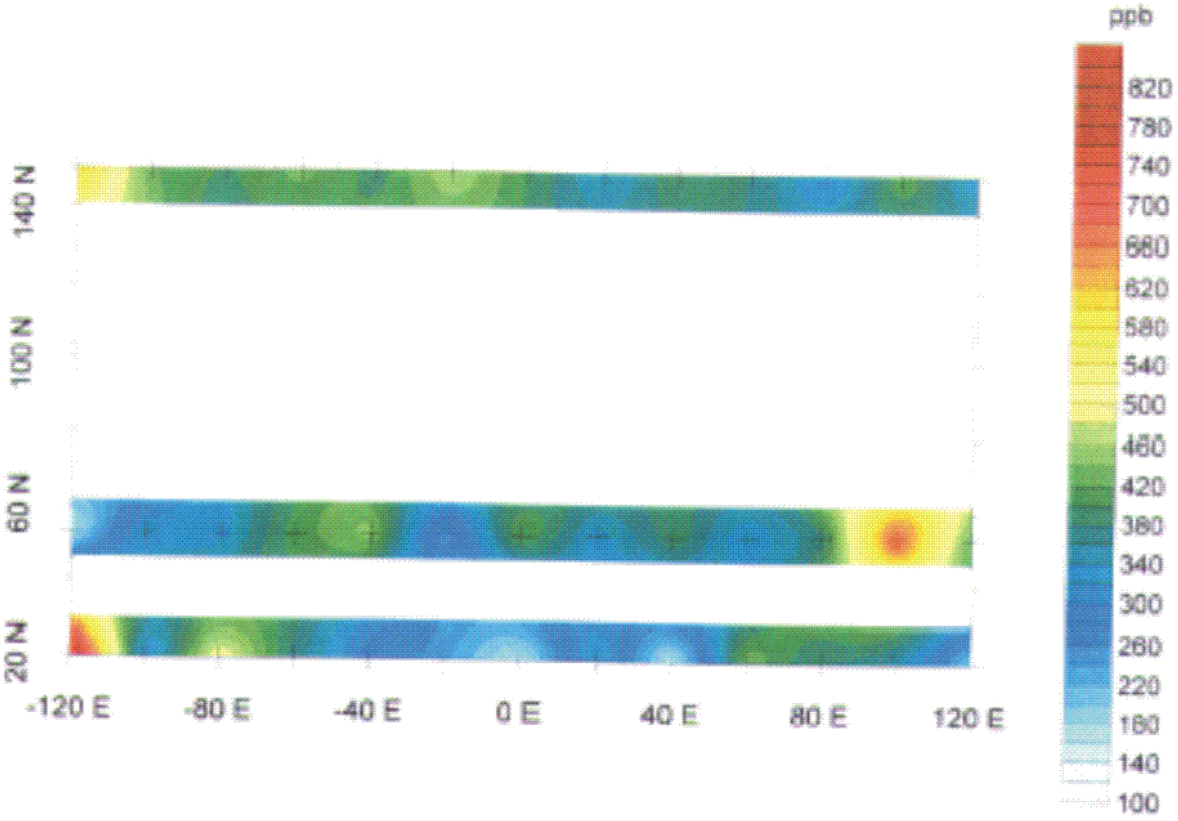
Enzyme Laboratories, Inc.

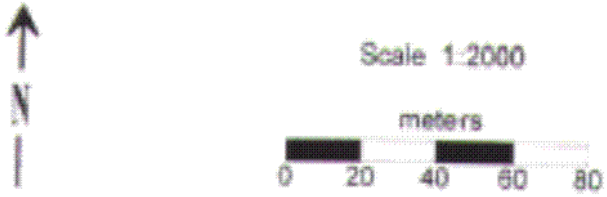
Erin Ventures Ltd. - Stope Baby project

Enzyme Leach℠ Data

Element Group: High Field Strength **Element: Titanium**

Drawn by: G.T. Hill Date: June 12, 2000





Actlabs

Enzyme Laboratories, Inc.

Appendix B

Induced Polarization and Total Field Magnetics - Scott Geophysics

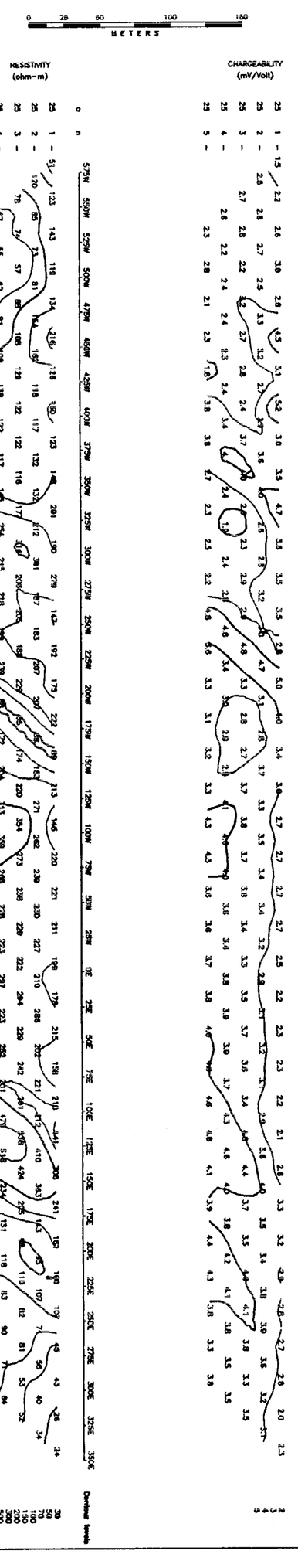
ERIN VENTURES INC.

STOPE BABY CLAIMS, HORSEFLY AREA, B.C.

LINE: ON

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR12
July/00 Pulse Rate: 2 sec

Current electrode West of potential electrodes (array heading East)
Mx Chargeability is for the interval 690 to 1050 msecs after shutoff



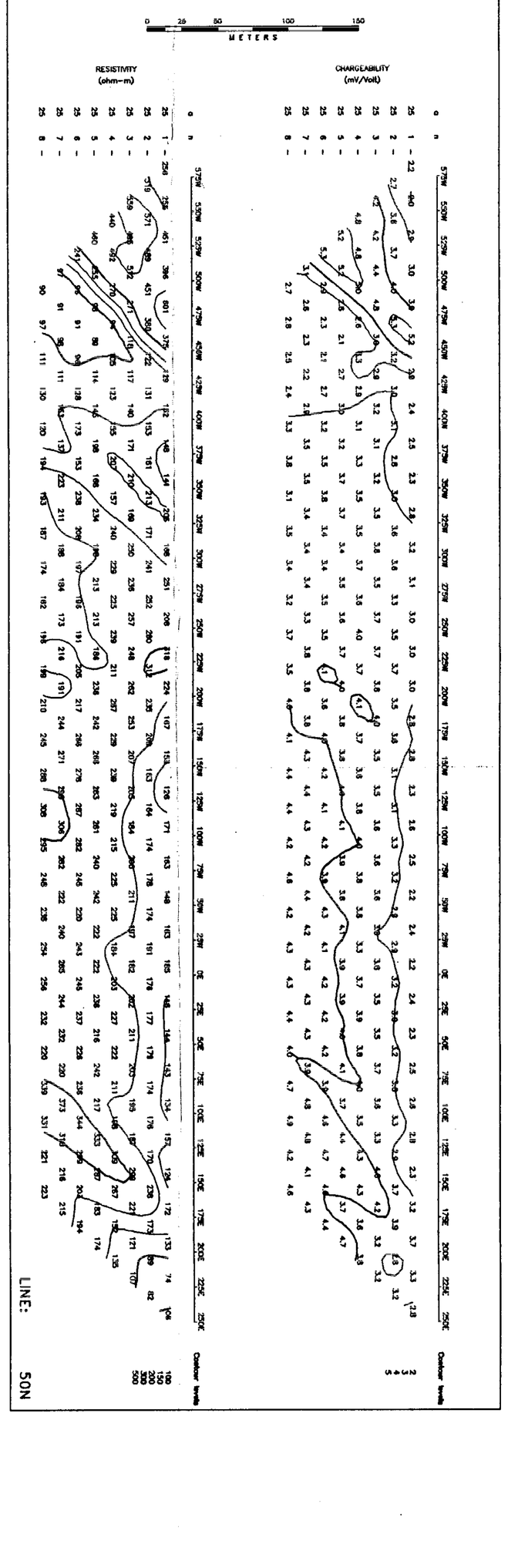
ERIN VENTURES INC.

STOPE BABY CLAIMS, HORSEFLY AREA, B.C.

LINE: 50N

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR12
July/00 Pulse Rate: 2 sec

Current electrode West of potential electrodes (array heading East)
Mx Chargeability is for the interval 690 to 1050 msecs after shutoff



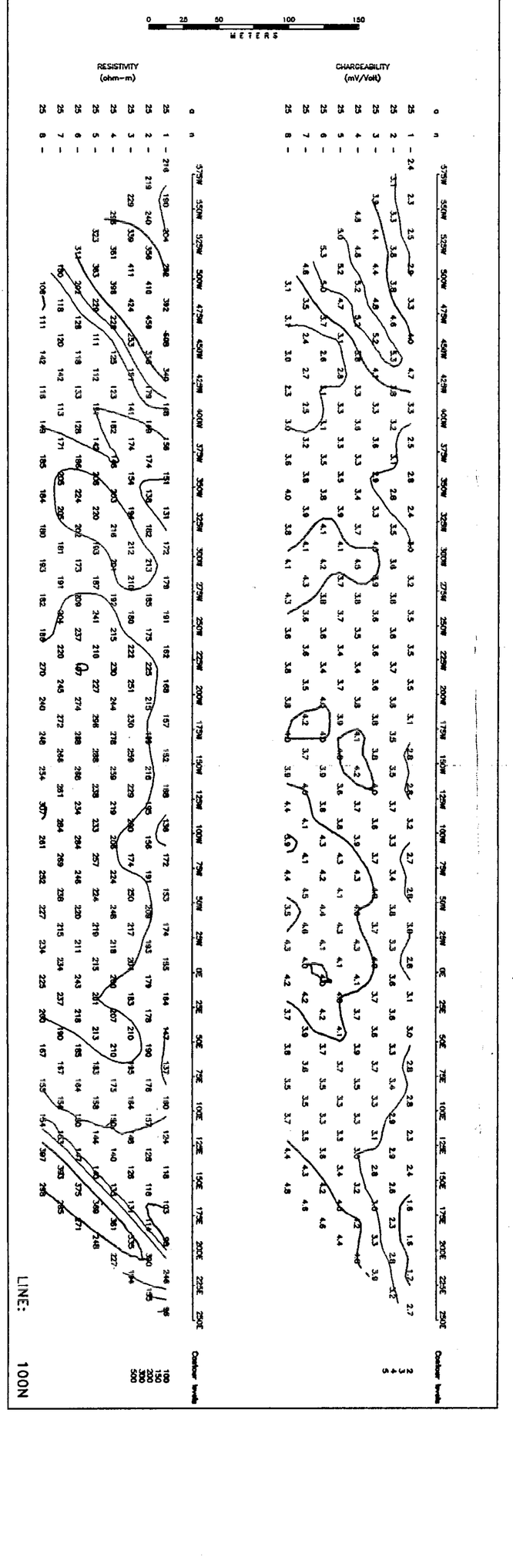
ERIN VENTURES INC.

STOPE BABY CLAIMS, HORSEFLY AREA, B.C.

LINE: 100N

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR12
July/00 Pulse Rate: 2 sec

Current electrode West of potential electrodes (array heading East)
Mx Chargeability is for the interval 690 to 1050 msecs after shutoff



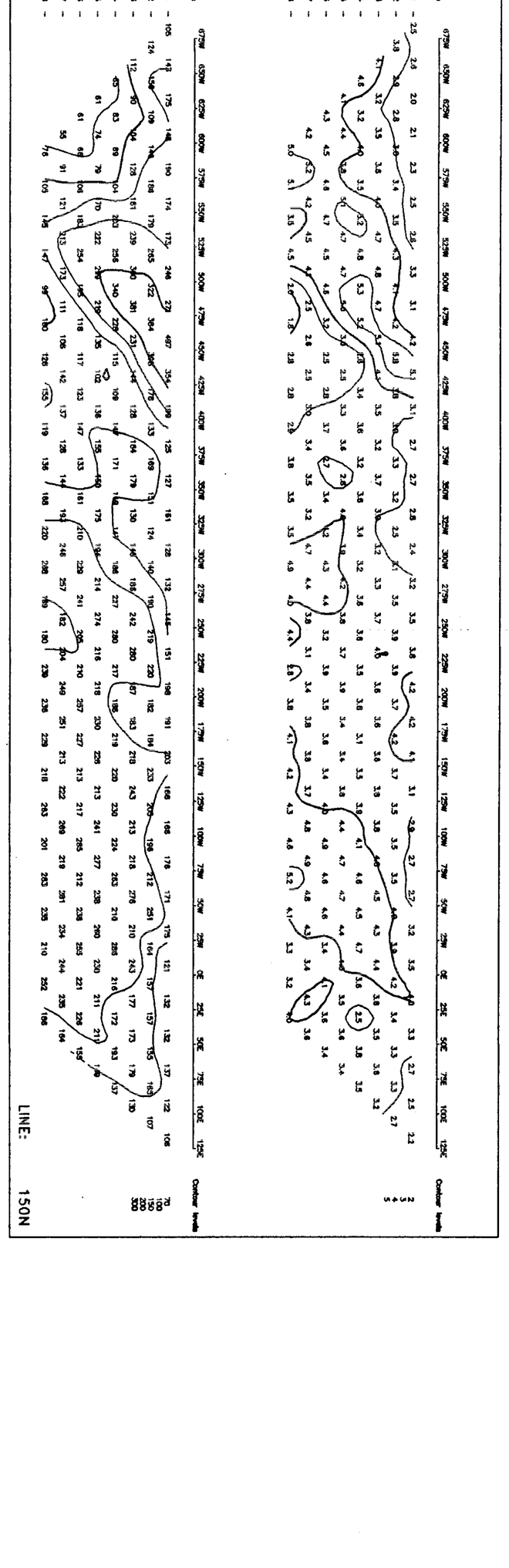
ERIN VENTURES INC.

STOPE BABY CLAIMS, HORSEFLY AREA, B.C.

LINE: 150N

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR12
July/00 Pulse Rate: 2 sec

Current electrode West of potential electrodes (array heading East)
Mx Chargeability is for the interval 690 to 1050 msecs after shutoff



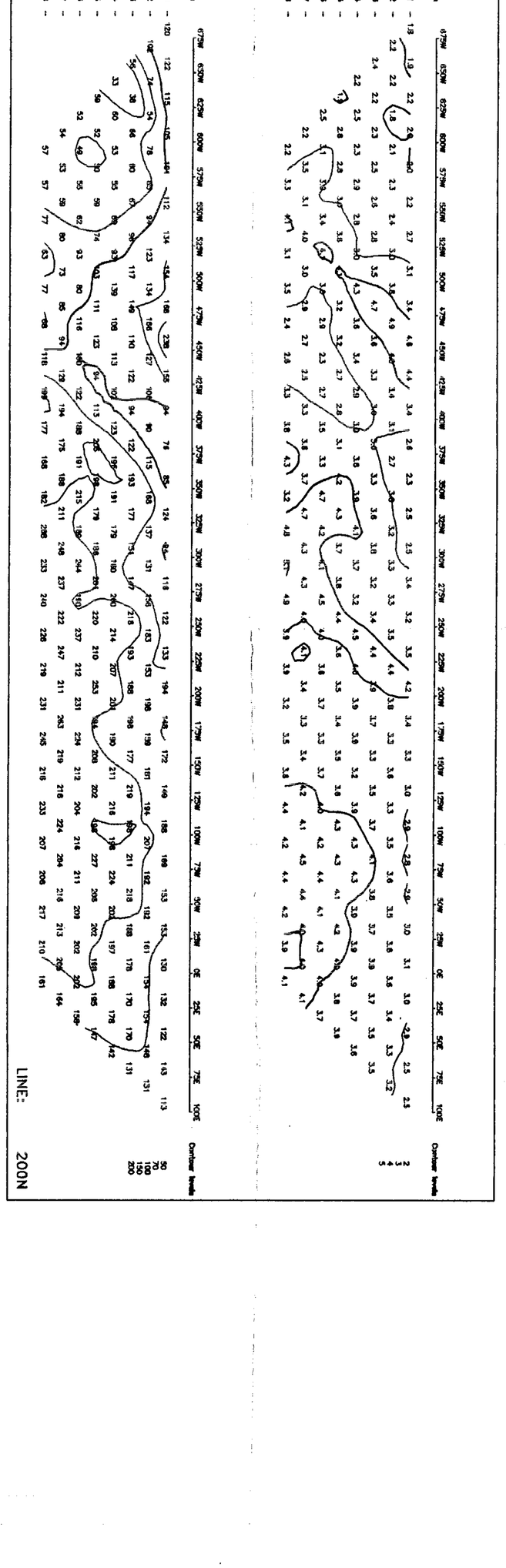
ERIN VENTURES INC.

STOPE BABY CLAIMS, HORSEFLY AREA, B.C.

LINE: 200N

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR12
July/00 Pulse Rate: 2 sec

Current electrode West of potential electrodes (array heading East)
Mx Chargeability is for the interval 690 to 1050 msecs after shutoff



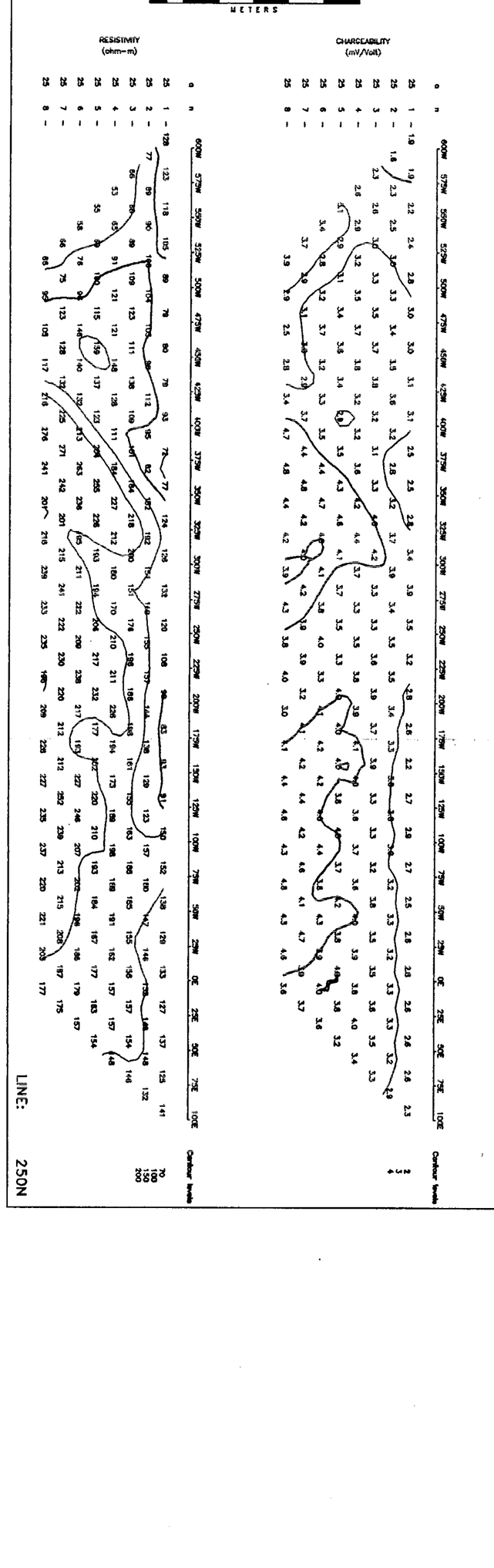
ERIN VENTURES INC.

STOPE BABY CLAIMS, HORSEFLY AREA, B.C.

LINE: 250N

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR12
July/00 Pulse Rate: 2 sec

Current electrode West of potential electrodes (array heading East)
Mx Chargeability is for the interval 690 to 1050 msecs after shutoff



ERIN VENTURES INC.

STOPE BABY CLAIMS, HORSEFLY AREA, B.C.

LINE: 200S

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)

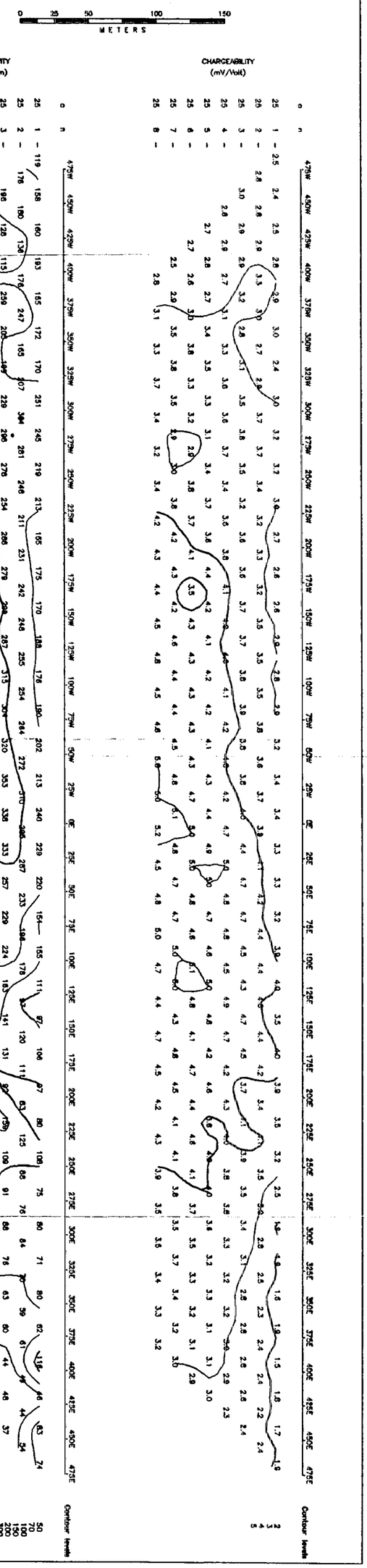
SCOTT GEOPHYSICS LTD. Scintrex IPR12

July/00 Pulse Rate: 2 sec

Current electrode West of potential electrodes (array heading East)

Mx Chargeability is for the interval 690 to 1050 msecs after shutoff

7



LINE: 200S

ERIN VENTURES INC.

STOPE BABY CLAIMS, HORSEFLY AREA, B.C.

LINE: 150S

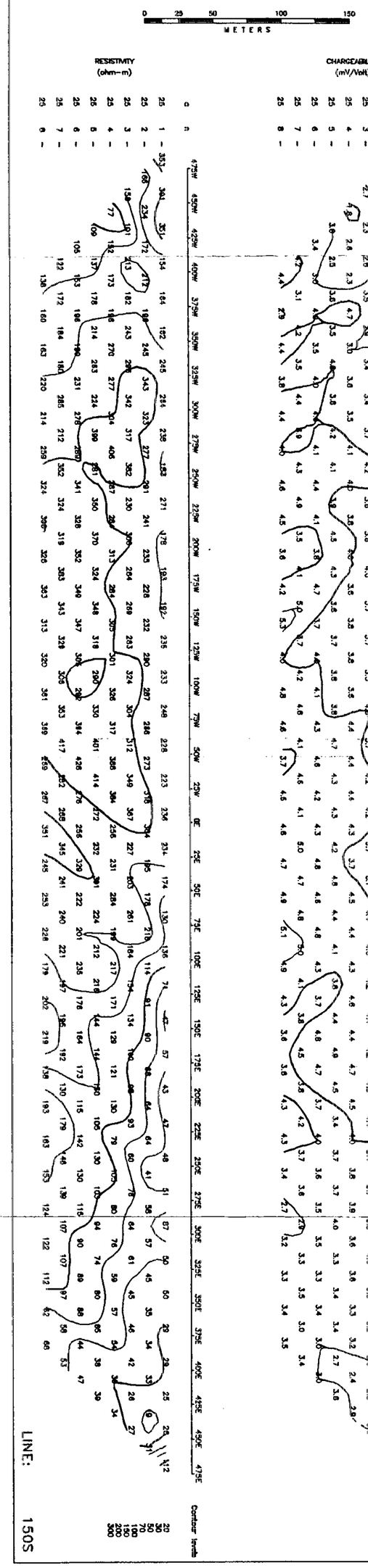
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)

SCOTT GEOPHYSICS LTD. Scintrex IPR12

July/00 Pulse Rate: 2 sec

Current electrode West of potential electrodes (array heading East)

Mx Chargeability is for the interval 690 to 1050 msecs after shutoff



LINE: 150S

ERIN VENTURES INC.

STOPE BABY CLAIMS, HORSEFLY AREA, B.C.

LINE: 250S

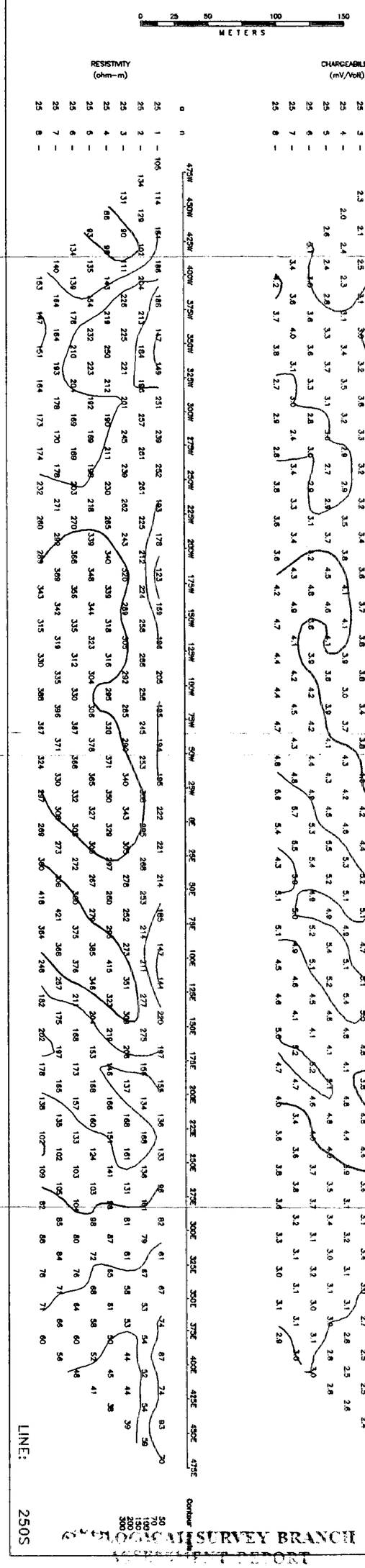
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)

SCOTT GEOPHYSICS LTD. Scintrex IPR12

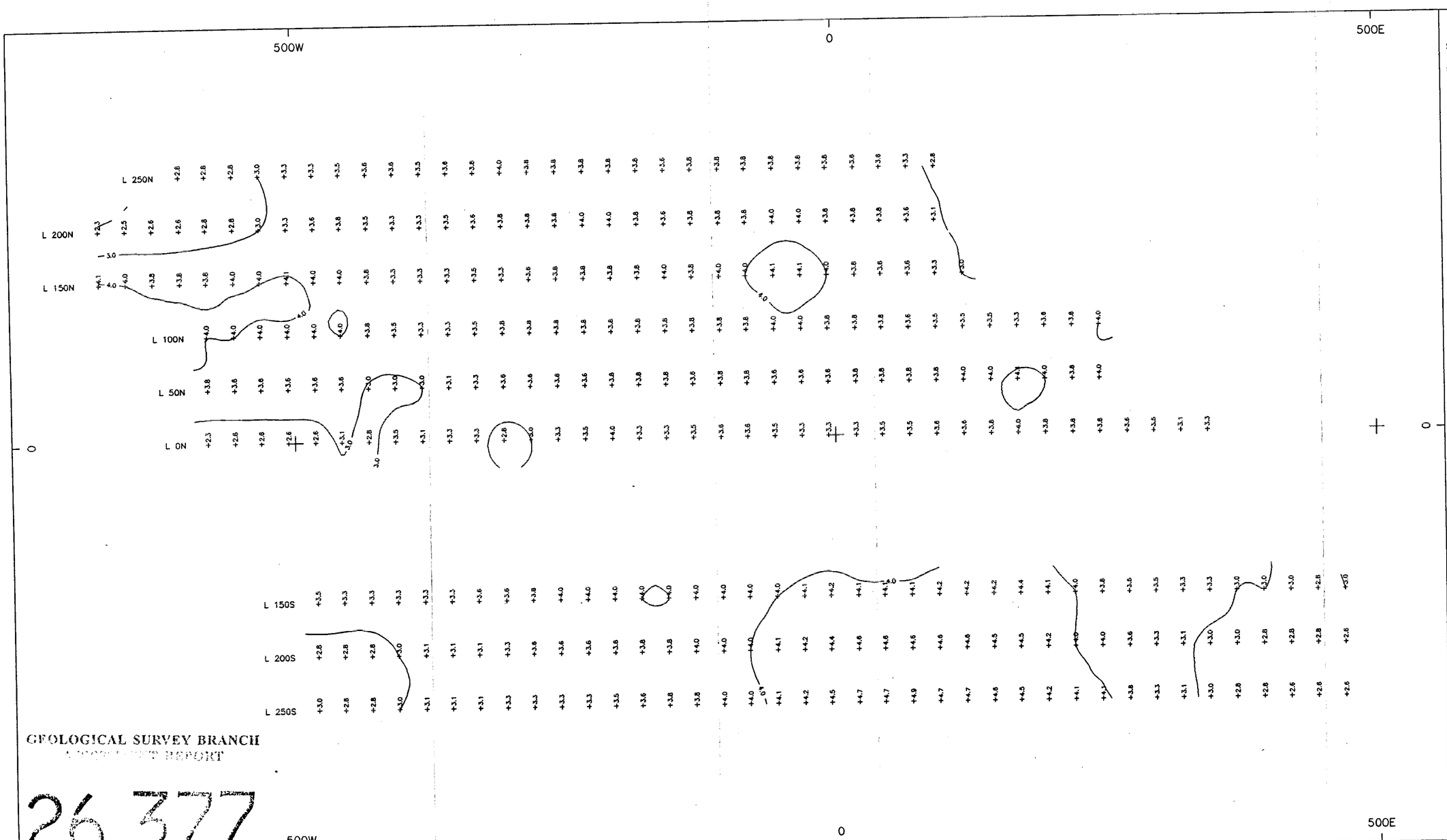
July/00 Pulse Rate: 2 sec

Current electrode West of potential electrodes (array heading East)

Mx Chargeability is for the interval 690 to 1050 msecs after shutoff



LINE: 250S



SURVEY SPECIFICATIONS

survey performed	July/00
receiver	Scintrex IPR12
transmitter	Scintrex TSQ3
pulse time	2 seconds
Mx receive window	690-1050 msecs
array	pole dipole
a spacing	25 metres
n separations	1, 2, 3, 4, 5, 6, 7, 8
Contoured value	Filtered chargeability
Filtered values	n = 1 to 8
Contour interval	1 mV/Volt

Note: The filter applied to this data is the standard Fraser triangular filter whereby one value is selected at n=1, two values at n=2, three values at n=3, etc. The plotted value is the average of the average values of the n separations and is plotted at the n=1 data point. The filtered values give only general trends. The pseudosections must be referred to to assess specific features.

0 50 100 150 200

METERS

ERIN VENTURES INC.

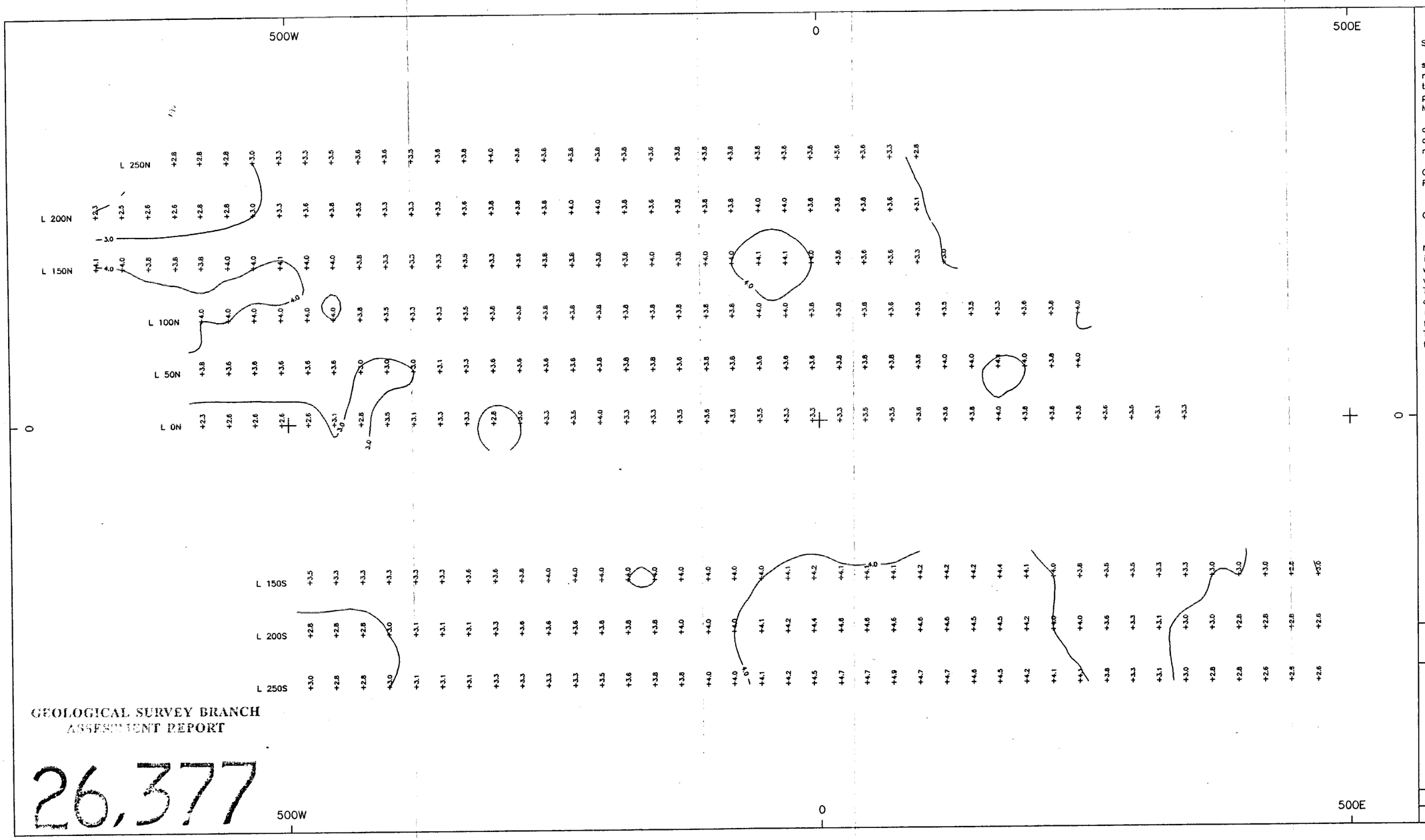
STOPE BABY CLAIMS, HORSEFLY, B.C.

Chargeablity Contour Plan
Triangular Filtered Values
First to Eighth Separations

(2)

DRAWN BY: ars | DATE: July/00

SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

survey performed	July/00
receiver	Scintrex IPR12
transmitter	Scintrex TSQ3
pulse time	2 seconds
Mx receive window	690-1050 msecs
array	pole dipole
a spacing	25 metres
n separations	1, 2, 3, 4, 5, 6, 7, 8
Contoured value	Filtered chargeability
Filtered values	n = 1 to 8
Contour interval	1 mV/Volt

Note: The filter applied to this data is the standard Fraser triangular filter whereby one value is selected at n=1, two values at n=2, three values at n=3, etc. The plotted value is the average of the average values of the n separations and is plotted at the n=1 data point. The filtered values give only general trends. The pseudosections must be referred to to assess specific features.

0 50 100 150 200

METERS

ERIN VENTURES INC.

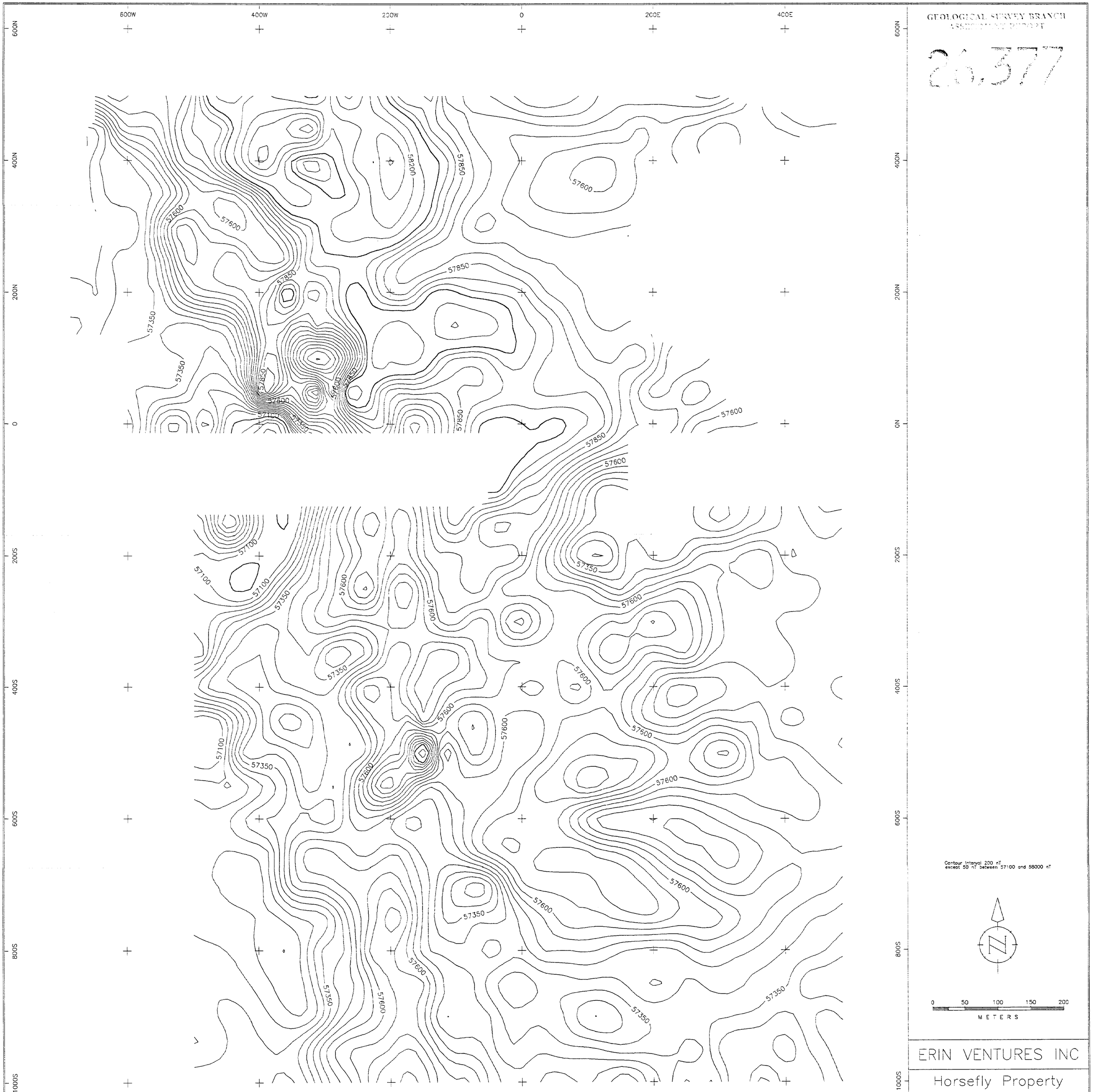
STOPE BABY CLAIMS, HORSEFLY, B.C.

Chargeablity Contour Plan
Triangular Filtered Values
First to Eighth Separations

(3)

DRAWN BY: ars | DATE: July/00

SCOTT GEOPHYSICS LTD.



Contour interval 200 nT
except 50 nT between 57100 and 58000 nT

0 50 100 150 200
METERS

ERIN VENTURES INC

Horsefly Property

Stope Baby Claims

GROUND MAGNETOMETER SURVEY

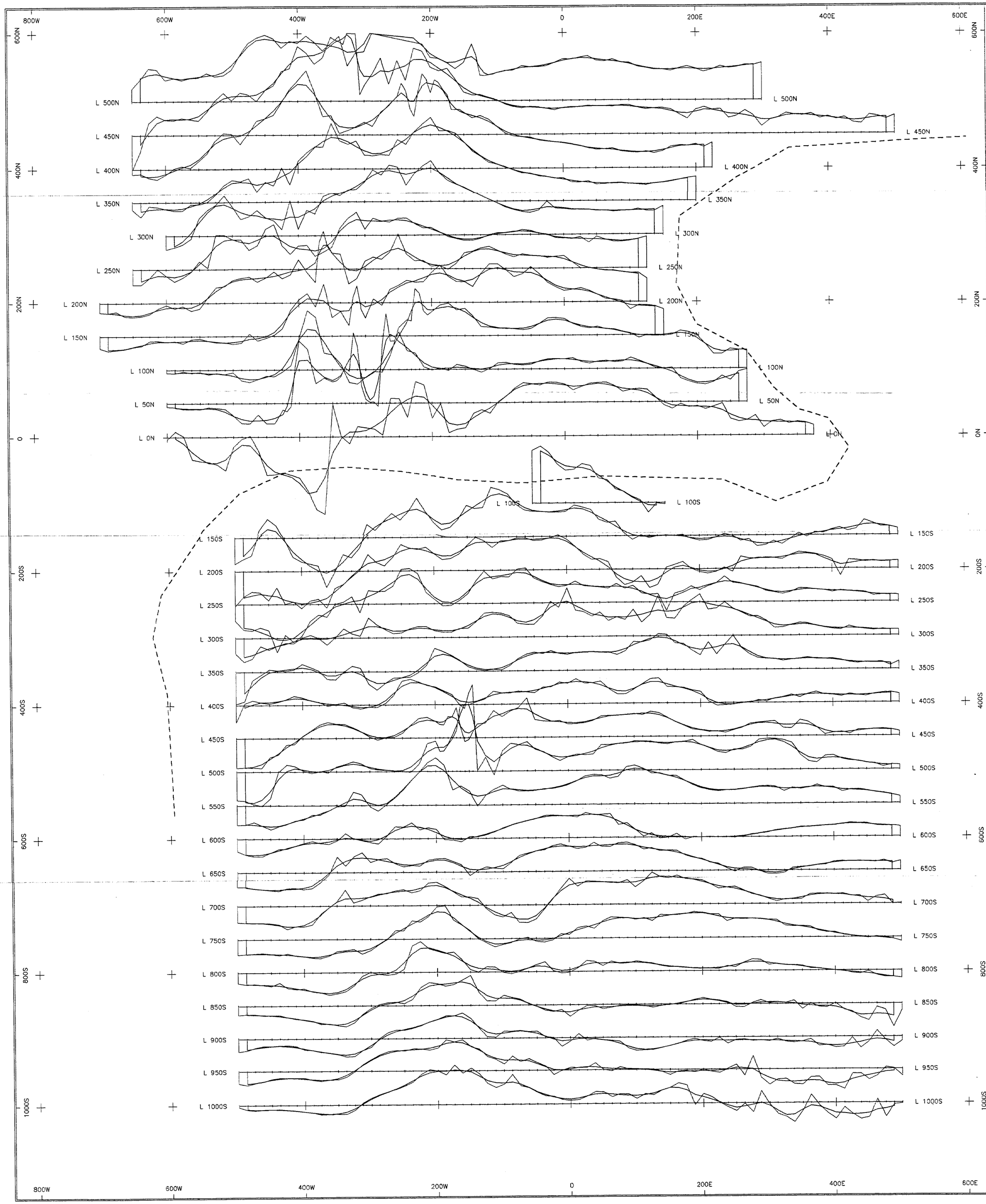
TOTAL FIELD CONTOUR MAP

(4)

Drawn by: jmt | Date: 00.07.09

SCOTT GEOPHYSICS LTD

Figure:



ERIN VENTURES INC.

Horsefly Property

Stope Baby Claims

GROUND MAGNETOMETER SURVEY

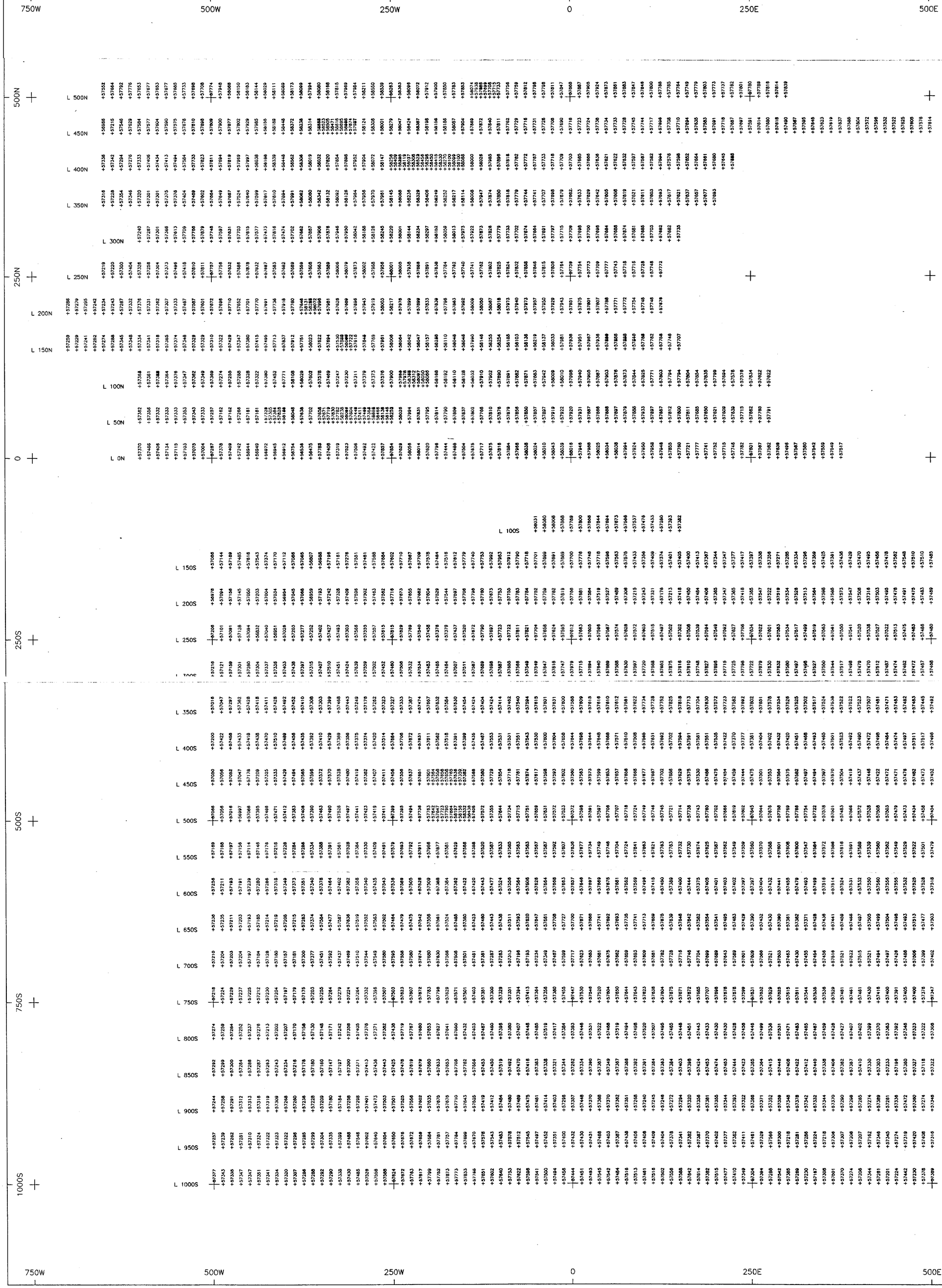
STACKED PROFILES

5

Drawn by: jmt | Date: 00.07.09

SCOTT GEOPHYSICS LTD

Figure:



SURVEY SPECIFICATIONS

survey performed	July 7-9/2000
survey magnetometer	Scintrex ENVI
base magnetometer	Scintrex ENVI
type	proton
measurement	total field
units	gammas
diurnal corrections	base station
data interval	12.5 metres

GEOLOGICAL SURVEY BRANCH
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0 50 100 150 200
METERS

ERIN VENTURES INC.

STOPE BABY CLAIMS, HORSEFLY, B.C.

Magnetometer Survey
Data Postings

(6)

DRAWN BY: ars | DATE: July/00

SCOTT GEOPHYSICS LTD.

Appendix C

Figure 4 - Plan View - Moffat Creek Discovery Zone
Figure 6 - Plan View - Stope Baby Grid 2000

NOTE: I.P. STOPE BABY 3 AND 4 LOCATED ON GRID AT 2+82W, L+050N

NOTE: F.P. STOPE BABY 3 AND 4 LOCATED ON LINE GRID AT 5m SOUTH OF STATION 2+25E, L+00N

Rock and Silt Samples Appendix

A) Rock Sample Assays

Sample No.	Cu %	Pb %	Zn %	Ag g/t	Au g/t	Width (cm)
239151	0.85	1.48	22.0	211.0	1.32	20.0
239152	0.82	1.25	17.7	129.5	2.01	30.0
239153	1.83	1.83	4.0	168.0	0.96	10.0
239155	1.00	2.98	24.6	118.5	3.81	18.0
056809	1.03	0.06	1.06	9.3	0.94	20.0
056810	0.96	0.08	0.42	13.2	0.94	18.0
056811	0.16	0.32	17.8	6.7	7.47	15.0
056812	0.14	0.10	10.4	4.7	3.37	20.0
056813	0.37	0.04	18.2	4.6	1.59	20.0
056814	0.11	0.6	0.5	2.3	2.67	15.0

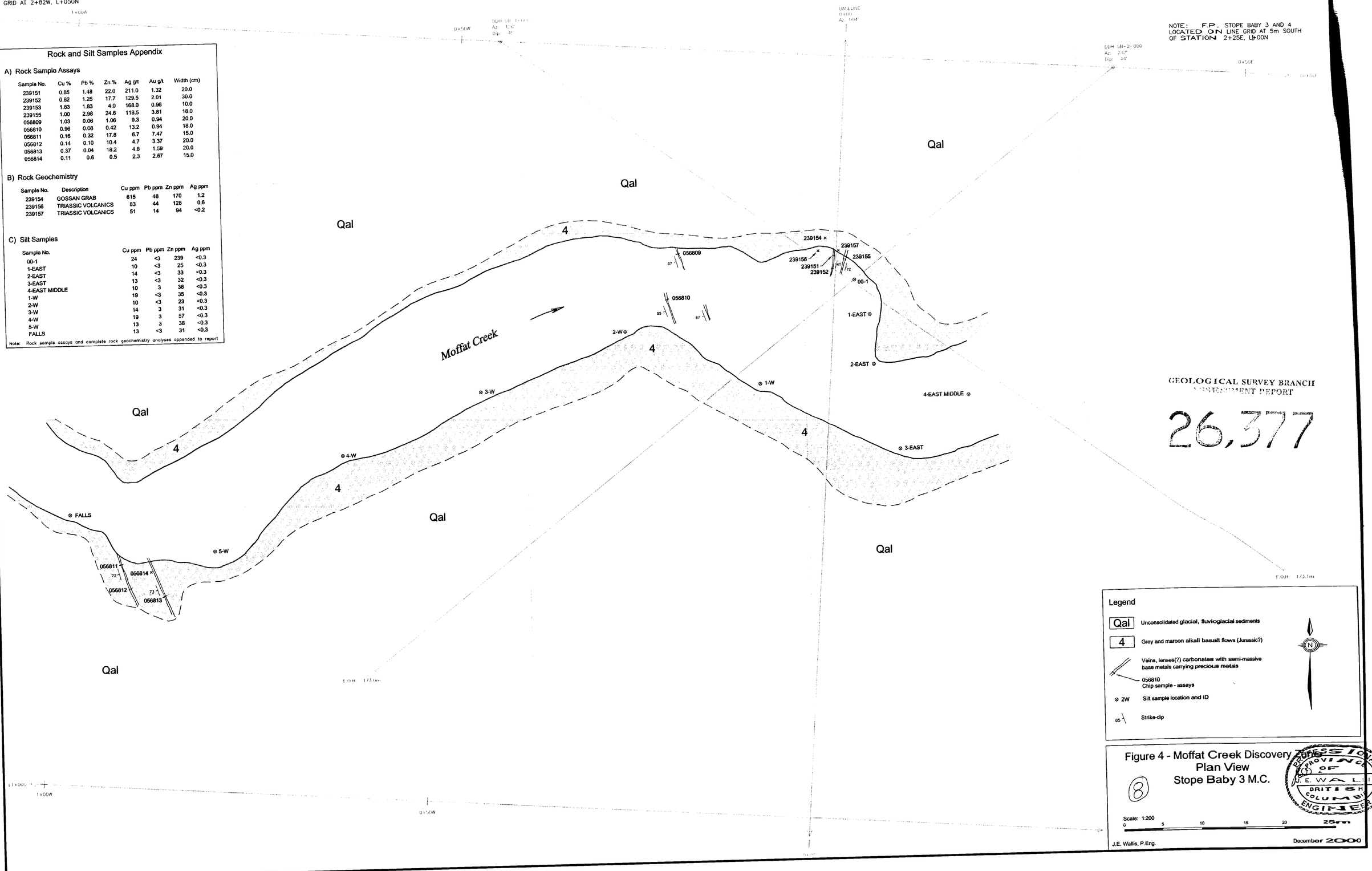
B) Rock Geochemistry

Sample No.	Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm
239154	GOSSAN GRAB	615	48	170	1.2
239156	TRIASSIC VOLCANICS	83	44	128	0.6
239157	TRIASSIC VOLCANICS	51	14	94	<0.2

C) Silt Samples

Sample No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm
00-1	24	<3	239	<0.3
1-EAST	10	<3	25	<0.3
2-EAST	14	<3	33	<0.3
3-EAST	13	<3	32	<0.3
4-EAST MIDDLE	10	3	36	<0.3
1-W	19	<3	35	<0.3
2-W	10	<3	23	<0.3
3-W	14	3	31	<0.3
4-W	19	3	57	<0.3
5-W	13	3	38	<0.3
FALLS	13	<3	31	<0.3

Note: Rock sample assays and complete rock geochemistry analyses appended to report



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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Legend

- Qal — Unconsolidated glacial, fluvioglacial sediments
- 4 — Grey and maroon alkali basalt flows (Jurassic?)
- Veins, lenses(?) carbonates with semi-massive base metals carrying precious metals
- 056810 — Chip sample - assays
- ⊗ 2W — Silt sample location and ID
- 85 — Strike-dip

Figure 4 - Moffat Creek Discovery Zone
Plan View
Stope Baby 3 M.C.

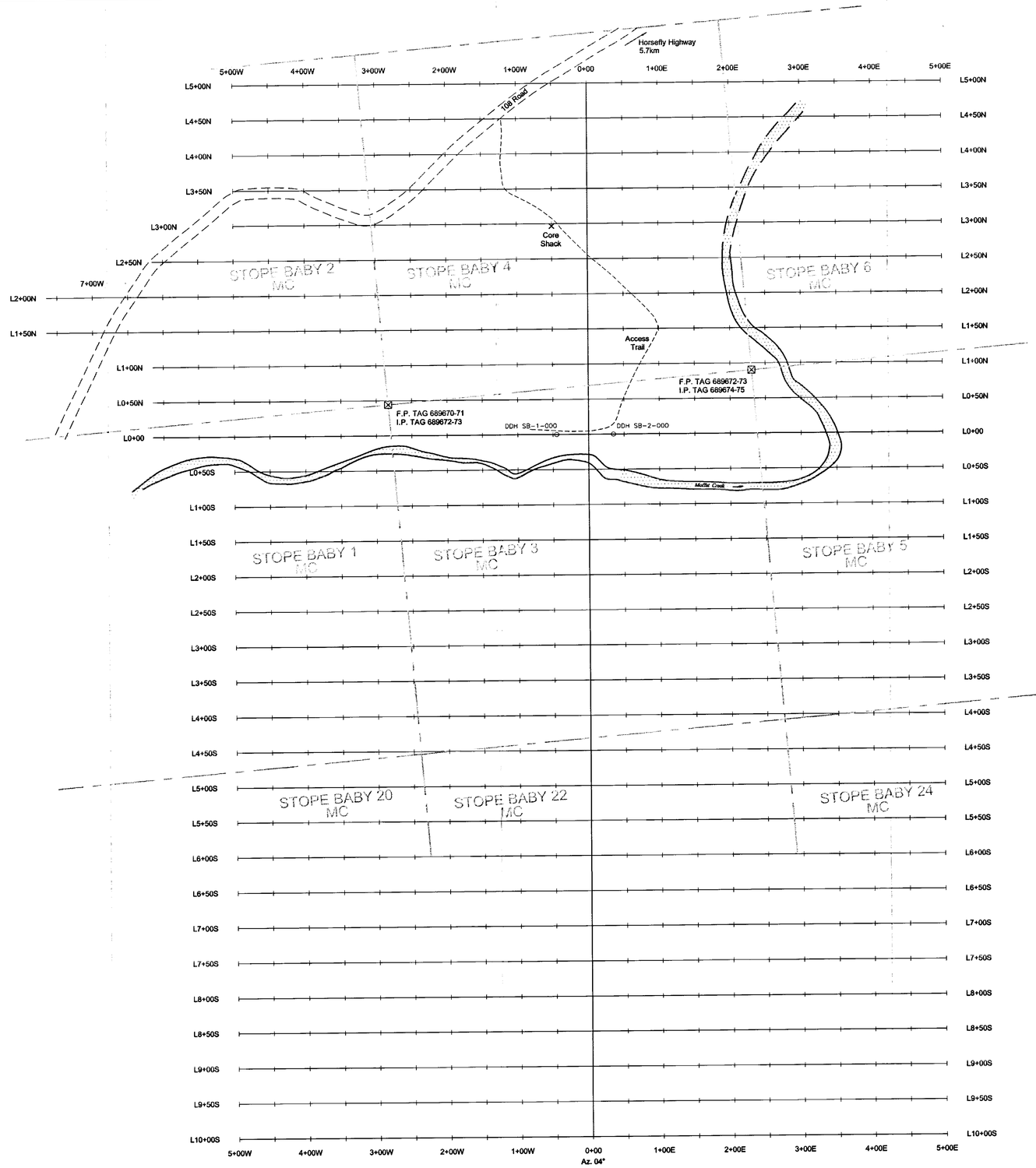
8

Scale: 1:200
0 5 10 15 20 25m

J.E. Wallis, P.Eng.

December 2000

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. E. WALLIS



ARCHEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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Legend

⊙ Drill Hole Collar

⊠ Claim Post

PROFESSIONAL ENGINEERS
PROVINCE OF BRITISH COLUMBIA
J. E. WALLIS

N

Figure 6 - Plan View
Stope Baby Grid 2000

Claim Boundaries, Drill Collar Locations, Topographical Features

Scale: 1:3000
0 50 100 150 200 250 300 350 400

J.E. Wallis, P.Eng. December 2000

Appendix D

Diamond Drill Logs

Diamond Drill Log

Hole No. SB 1 - 000

Bearing 126° L0+00 0+40W

Dip - 45

Date: Sept 2000

FROM	TO	DESCRIPTION	ASSAYS
16.4	17.6 m	Medium grained, maroon alkalicbasalt flow. Augite and olivine phenocrysts up to 2.4 mm,euhedral to subrounded in a maroon matrix. Longer grains up to 1 cm. Almost entirely replaced by calcite. Interval contains some localized zones of calcite flooding up to 10 cm. Wide.	
17.6	40.0	Medium grained, grey alkali olivine basalt.with both olivine and augite phenocrysts to 3mm. Euhedral and rounded, relatively fresh. Numerous calcite filled fractures and veinlets at 20 - 50 degrees to core angle. 0.5 cm. wide. Fracture surfaces weakly chloritic?. Occassional subrounded 1.5 cm calcite fragments.	
40.0	44.1	Med. To coarse grained maroon vesicular alkali olivine basalt flow. Light olive green phenocrysts euhedral and subrounded, commonly replaced partially and/or entirely. Dark maroon euhedral augite 2-3 mm.	
44.1	47.0	Med grained grey alkali vesicular olivine basalt. Compositionally the same as above but with much weaker calcite veining.	
47.0	53.5	As above	
53.5	57.9	Med grained alkali olivine basalt as above. Calcite veining is essentially absent.	
57.9	61.3	Med to coarse grained maroon alkali basalt. Light olive greengrains contain calcite ranging in size from 2-4 mm to 2 cm. Dark maroon augite is euhedral and 1-2 mm.	
61.3	63.6	Med grained grey alkali basalt many calcite filled fracturesfrom hairline to 0.5 mm.	
63.6	75.1	Same as interval 57.9 to 61.3. One 10 cm zone of strong calcite flooding at 72.3 m.	
75.1	80.7	Similar to zone 61.3 to 63.6. Hairline and 0.5mm calcite veinlets and fractures at 0 to 50 degrees c.a. One 10 cm wide calcite vein at 79.0 m.	
80.7	91.0	Med to coarse grained, predominantly maroon but containing some grey zones, basalt	
91.0	98.2	Med to coarse grained grey alkali olivine basalt.	
98.2	105.6	Med to coarse grained maroon olivine basalt. Pervasive calcite replacement as subrounded and angular clastto 2 cm. Fine grained native copper in a few angular qtz-carbonate fragments or clasts, most noteably at 91.5 m.	
105.6	108.5	Med to coarse grained grey massive alkali basalt	
108.5	120.3	Coarse grained, maroon, amygdaloidal alkali pyroxene basalt with weak to moderate	

		carbonate flooding as fracture fillings, stringers and veinlets. 2 to 4 mm subrounded calcite replaced plagioclase? Fragments and up to 20-30% euhedral olive to dark green pyroxene phenocrysts in a maroon background.. Minor olive green epidote.	
120.3	123.5	Med grained grey alkali pyroxene basalt with calcitized plagioclase and brown to dark maroon euhedral and tabular , 2-4mm, up to 30% augite	
123.5	152.8	Med to coarse grained amygdaloidal maroon pyroxene basalt. Irregular and rounded ,2 mm to 2 cm. Carbonate clasts and grains. Up to 30% rounded and subhedral, olive to dark green pyroxene commonly calcite rimmed. Up tp 20% euhedral dark brown augite in a maroon oxidized background. 143.6 - 144.2 m. Section of grey basalt.	152.6-152.8 TAG 056807
152.8	172.2	Med grained grey-green pyroxene basalt. 20-25% subrounded 2mm to 1 cm. Dark olive to dark green calcite rimmed pyroxene and up to 15-25% anhedral to subrounded dark brown augite. 160.3- 160.7 Strongly carbonatized qtz-carbonate zone with angular basalt breccia fragments to 2 cm. 161.0-161.3 Qtz-carbonate zone containing 0.5 to 2 cm. Breccia fragments. Sporadic calcite veinlets up to 0.5 cm. at irregular angles to core.	160.3-160.7 Tag 056804 160.7-161.0 Tag 056805 161.0-161.3 Tag 056806
172.2	173.1 E.O.H.	Fine to medium grained maroon amygdaloidal pyroxene basalt. End of hole	

Diamond Drill Log

Hole No. SB 2 -000
Bearing 232° L0+00 0+35E
Dip -44°

Date: October 2000

FROM	TO	DESCRIPTION	ASSAYS
		Casing to 23.3 meters	
23.3	29.9	Med grained, maroon, alkali, pyroxene, amygdaloidal basalt. Up to 15-20% olive green, euhedral, subrounded pyroxene phenocrysts (diopside?) and 10-15% tabular maroon and brown augite in an oxidized, hematitic background. Irregular and subrounded carbonate filled amygdules to 0.5 cm. In diameter. Plagioclase all replaced with calcite. 29.3-29.9 m. near vertical carbonate-hematite shear with trace of fine sulphides.	
29.9	38.2	Med grained grey alkali massive basalt. Olive dark green pyroxene crystals and up to 3 mm diopside? And up to 10% dark brown euhedral augite. Numerous carbonate filled fractures, hairline to 1.5 cm at various angle to core. 32.6 to 38.2 m. Local zone of strong carbonatization with associated qtz. SAMPLE	
38.2	49.5	Similar to 23.3 to 29.9	46.4-46.7 Tag 056808
49.5	56.5	Med grained grey alkali basalt	
56.5	81.7	Med to coarse grained maroon alkali amygdaloidal basalt.	
81.7	90.1	Med grained grey alkali basalt	
90.1	95.6	Basalt. Same as 38.2 to 49.5	
95.6	98.9	Med grained grey basalt with hairline and 0.5 cm. Calcite stringers	
98.9	109.0	Med to coarse grained maroon alkali pyroxene basalt	
109.0	141.0	Med to coarse grained grey alkali pyroxene basalt containing zones of moderate to strong carbonatization. Fine disseminated pyrite in a few isolated zones. Higher density of calcite filled fractures than normal. 119.9 - 120.7 m. Qtz carbonate vein with fine disseminated pyrite, pyrrhotite?, Zn S and chalcopyrite as 2 -4 mm blebs.	119.9-120.5 Tag 056801 120.5-121.7 Tag 056802
141.0	173.0	Maroon and grey alkali basalt	

Appendix E

Assay Certificates

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

Erin Ventures Ltd. File # A003541

96 - 4th Ave, Williams Lake BC V2G 1V7 Submitted by: J.E. Wallis

SAMPLE#	Cu %	Pb %	Zn %	Ag** gm/mt	Au** gm/mt
056801	.356	.06	9.80	9.1	.42
056802	.016	.12	.46	3.6	.04
056804	.189	<.01	.02	.4	<.01
056805	.033	<.01	.01	<.3	<.01
056806	.172	<.01	<.01	.8	.01
056808	.018	<.01	.01	.4	.01
RE 056808	.018	<.01	.01	.5	<.01

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.
- SAMPLE TYPE: CORE R150 60C AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 13 2000 **DATE REPORT MAILED:** Sept 25/00 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

Erin Ventures Ltd. File # A003660

96 - 4th Ave, Williams Lake BC V2G 1V7 Submitted by: J.E. Wallis

SAMPLE#	Cu %	Pb %	Zn %	Ag** gm/mt	Au** gm/mt
056809	1.032	.06	1.06	9.3	.94
056810	.961	.08	.42	13.2	.94
056811	.156	.32	17.76	6.7	7.47
056812	.138	.10	10.42	4.7	3.37
056813	.372	.04	18.23	4.6	1.59
056814	.114	.06	.48	2.3	2.67
RE 056814	.113	.05	.48	2.2	2.88
STANDARD R-1/AU-1	.830	1.24	2.16	99.3	3.59

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.
- SAMPLE TYPE: ROCK R150 60C AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 19 2000 **DATE REPORT MAILED:** Sept 27/00 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Erin Ventures Ltd. File # A003659

96 - 4th Ave, Williams Lake BC V2G 1V7 Submitted by: J.E. Wallis

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
1W	1	19	<3	35	<.3	29	9	392	1.98	3	<8	<2	<2	44	.2	<3	<3	53	.58	.084	7	41	.65	83	.09	<3	.77	.03	.05	<2
2W	<1	10	<3	23	<.3	19	6	233	1.75	2	<8	<2	<2	31	<.2	<3	3	52	.40	.082	7	31	.38	61	.08	<3	.54	.02	.03	<2
3W	<1	14	3	31	<.3	20	7	301	1.70	<2	<8	<2	2	44	.2	<3	<3	41	.44	.083	8	27	.45	110	.09	<3	.71	.02	.05	<2
4W	1	19	3	57	<.3	29	10	451	2.38	4	<8	<2	<2	55	.4	<3	<3	57	.56	.101	10	34	.63	124	.11	<3	.94	.03	.06	<2
5W	<1	13	3	38	<.3	21	7	299	1.76	2	8	<2	<2	38	<.2	<3	<3	45	.46	.090	8	25	.47	85	.09	<3	.68	.02	.04	<2
1-EAST	<1	10	<3	25	<.3	18	6	212	1.58	<2	<8	<2	<2	32	<.2	<3	<3	44	.42	.080	6	28	.41	61	.08	6	.57	.02	.03	<2
2-EAST	<1	14	<3	33	<.3	23	7	249	2.46	2	8	<2	<2	27	<.2	<3	<3	81	.44	.097	8	38	.45	48	.08	3	.54	.02	.03	<2
3-EAST	1	13	<3	32	<.3	26	8	336	2.38	2	<8	<2	<2	37	<.2	<3	<3	68	.46	.088	8	38	.53	76	.09	<3	.68	.02	.04	<2
4-EAST MIDDLE	<1	10	3	36	<.3	21	6	227	1.97	<2	<8	<2	<2	31	<.2	<3	<3	60	.43	.089	8	30	.42	57	.08	<3	.56	.02	.03	<2
00-1	1	24	<3	239	<.3	29	8	370	3.24	3	<8	<2	8	28	1.8	<3	<3	105	.50	.087	8	54	.57	41	.10	7	.66	.02	.04	<2
SILT (FALL)	<1	11	3	27	<.3	22	7	296	2.09	2	<8	<2	<2	37	<.2	<3	<3	62	.46	.091	8	36	.44	75	.09	<3	.62	.02	.04	<2
RE SILT (FALL)	<1	13	<3	31	<.3	22	7	293	2.05	3	9	<2	<2	36	<.2	<3	<3	61	.44	.089	9	35	.44	75	.09	<3	.62	.02	.04	<2
STANDARD C3	26	64	35	169	5.4	39	12	775	3.40	57	18	3	20	29	23.6	17	23	75	.57	.095	17	166	.62	149	.09	20	1.72	.04	.17	16
STANDARD G-2	1	3	4	42	<.3	9	4	529	2.02	<2	13	<2	4	71	<.2	<3	<3	37	.65	.105	7	73	.61	223	.13	5	.88	.07	.48	2

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 19 2000 **DATE REPORT MAILED:** Oct 2/00 **SIGNED BY** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: ERIN VENTURES **
ATTN: WILL THOMPSON C/O BOB KELLER
96 4TH AVE.
WILLIAMS LAKE, BC
V2G 1J7

Project : SB HORSEFLY
Comments: ATTN: J.E. WALLIS

Page Number : 1-A
Total Pages : 1
Certificate Date: 18-MAY-2000
Invoice No. : I0018603
P.O. Number :
Account : NYY

CERTIFICATE OF ANALYSIS A0018603

SAMPLE	PREP CODE		Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
239153	205	226	>100.0	4.54	40	0.5	< 2	3.70	260	47	232	591	3.63	1.72	0.76	935
239154	205	226	1.2	8.08	300	1.0	< 2	12.05	0.5	25	244	615	4.22	1.99	2.28	1680
239156	205	226	0.6	7.26	1560	0.5	< 2	5.74	< 0.5	34	508	83	5.65	2.40	4.51	995
239157	205	226	< 0.2	7.40	1640	0.5	< 2	5.61	< 0.5	39	550	51	6.09	2.57	5.06	1060

CERTIFICATION: _____

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WILLIAMS LAKE, BC
V2G 1J7

Project : SB HORSEFLY
Comments: ATTN: J.E. WALLIS

Page Number : 1-B
Total Pages : 1
Certificate Date: 18-MAY-2000
Invoice No. : I0018603
P.O. Number :
Account : NYY

CERTIFICATE OF ANALYSIS A0018603

SAMPLE	PREP CODE		Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
239153	205	226	5	0.01	79	950	>10000	60	0.22	212	30	>10000
239154	205	226	< 1	0.37	86	830	48	212	0.16	339	< 10	170
239156	205	226	< 1	1.87	143	1720	44	812	0.34	273	< 10	128
239157	205	226	< 1	2.07	181	1810	14	848	0.34	270	10	94

CERTIFICATION: _____

ALS Chemex

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To: ERIN VENTURES
ATTN: WILL THOMPSON C/O BOB KELLER
96 4TH AVE.
WILLIAMS LAKE, BC
V2G 1J7

Project : SB HORSEFLY
Comments: ATTN: J.E. WALLIS

Page Number : 1-A
Total Pages : 1
Certificate Date: 23-MAY-00
Invoice No. : I0018601
P.O. Number :
Account : NYY

CERTIFICATE OF ANALYSIS A0018601

SAMPLE	PREP CODE	Au g/t	Ag g/t	Cu %	Pb %	Zn %
239151	208 226	1.32	211	0.85	1.48	22.0
239152	208 226	2.01	129.5	0.82	1.25	17.70
239155	208 226	3.18	-----	-----	-----	-----

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: ERIN VENTURES
ATTN: WILL THOMPSON C/O BOB KELLER
96 4TH AVE.
WILLIAMS LAKE, BC
V2G 1J7

Project : SB HORSEFLY
Comments: ATTN: J.E. WALLIS

Page Number : 1
Total Pages : 1
Certificate Date: 23-MAY-2000
Invoice No. : I0019064
P.O. Number :
Account : NYY

CERTIFICATE OF ANALYSIS A0019064

SAMPLE	PREP CODE		Ag FA g/t	Pb %	Zn %
239153	212	--	168	1.83	4.00

CERTIFICATION: _____

OVERLIMITS from A0018603

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: ERIN VENTURES **
ATTN: WILL THOMPSON C/O BOB KELLER
96 4TH AVE.
WILLIAMS LAKE, BC
V2G 1J7

Project : SB HORSEFLY
Comments: ATTN: J.E. WALLIS

Page Number : 1
Total Pages : 1
Certificate Date: 29-MAY-2000
Invoice No. : I0019339
P.O. Number :
Account : NYY

CERTIFICATE OF ANALYSIS A0019339

SAMPLE	PREP CODE	Au g/t	Ag g/t	Cu %	Pb %	Zn %
239153	244 --	0.96	-----	-----	-----	-----
239155	244 --	-----	118.5	1.00	2.98	24.6

CERTIFICATION:

RERUNS from A0018601

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Erin Ventures Ltd. File # A003542

96 - 4th Ave, Williams Lake BC V2G 1V7 Submitted by: J.E. Wallis

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
056803	<1	89	41	184	1.3	76	30	2271	5.77	33	12	<2	<2	115	.7	4	3	201	7.70	.115	5	192	2.12	60	.02	6	1.80	.04	.19	3	6.9
056807	<1	29	6	39	<.3	105	22	679	3.45	5	<8	<2	<2	100	.2	4	<3	110	4.21	.118	4	259	2.54	68	.15	22	1.72	.05	.18	<2	.3
RE 056807	<1	27	5	38	<.3	103	22	665	3.39	5	<8	<2	<2	95	.3	4	<3	107	4.14	.115	4	251	2.51	56	.15	23	1.65	.05	.15	<2	.6

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE R150 60C AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 13 2000 **DATE REPORT MAILED:** Sept 22/00 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data___ FA ___

Appendix F

Statement of Expenditures

Statement of Expenditures

1) Line grid, 24 kms. @ $400/km	$ 9,600.00
2) Assaying and geochemistry	2,611.78
3) Enzyme Laboratories, Inc.	1,900.00
4) Diamond Drilling, 346 meters @ $ 55/m all inclusive	19,030.00
5) Geologist and assistant, 60 days @ $ 500/day	30,000.00
6) Rentals, vehicle plus 4 trax, 2 months @ $2,500/month	5,000.00
7) Geophysics, Scott Geophysics Ltd.	14,584.57
8) Meals and accommodation	1,246.00
9) Report preparation	1,200.00
10) Freight, telephone, fuel, etc	1,375.00
Total	$ 86,547.35