GEOCHEMICAL & TRENCHING REPORT ON THE WILD-EVE CLAIMS

Watson Lake Mining District, Y.T.
NTS 105F/9
(61°36'N, 132°22'W)

for

093802

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by

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January, 1998

CLAIMS: EVE 63, 65, 67 to 72; WILD 1 to 36.
LOCATION: 26 miles (42 km) south of Ross River, Yukon
DATE: August 4 to September 2, 1997.

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 17,600.

M. [signature]

Regional Manager, Exploration and
for Geological Services for Commissioner of Yukon Territory.

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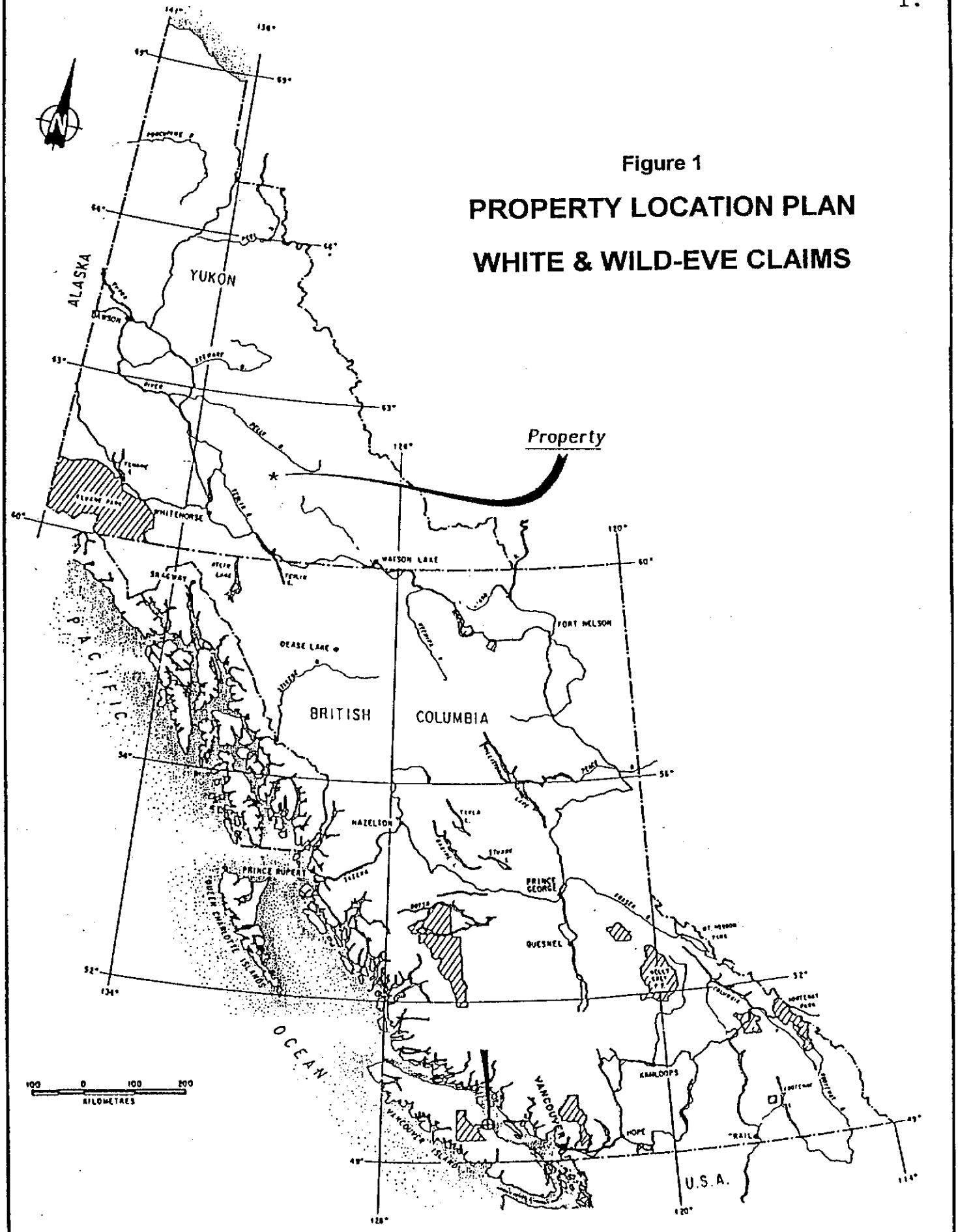


Figure 1

PROPERTY LOCATION PLAN

WHITE & WILD-EVE CLAIMS

SUMMARY

Mountain Province Mining Inc. owns 44 claims covering approximately 890 hectares, 42 kilometres south of Ross River, in the Pelly Mountains, Watson Lake Mining District (105F/9), Yukon Territory. The property is accessible by 4x4 vehicle during the summer.

This report describes the results of a geochemical soil sampling and trenching program conducted on the WILD-EVE claims from August 4 to September 2, 1997. The purpose of this work was to define the northern up-slope extent of anomalous lead-zinc-silver-copper soils at the North zone on the property and to test whether a continuation of this anomalous geochemistry exists in the cirque to the north.

The ground is situated in an area underlain by a succession of Precambrian to Mississippian age rocks ranging from fine clastics and carbonates to volcanics. Mafic dykes of unknown age as well as Mississippian syenite intrude the sedimentary and volcanic sequences. Northwesterly and northeasterly trending normal faults displace lithologies a few tens of metres.

On the claims a strong silver-lead-zinc soil anomaly is associated with Devono-Mississippian shales and volcanics at the North zone. Diamond drilling in 1978 by a previous mineral tenure holder (Cyprus Anvil) was not successful in explaining the anomalous geochemistry. A weathered sulphide zone may have been penetrated during drilling and mistaken for overburden. The 1997 soil sampling was effective in narrowing down the probable source area of the soil anomaly. The highly anomalous soil geochemistry could be modeled as resulting from either a volcanogenic polymetallic massive sulphide deposit or a silver-lead-zinc vein. The relatively confined source area for this anomaly suggests that it may be generated from a small mineralized zone. Therefore, the North zone is regarded as a low priority target.

Respectfully submitted,
Amerlin Exploration Services Ltd.

Carl G. Verley, P.Geo.

Richmond, B.C.
January 16, 1998.

INTRODUCTION

This report describes the results of work conducted on the WILD-EVE claims during the period August 4 to September 2, 1997. The work program consisted of trenching at the North zone. It was carried out to gain a better understanding of the soil geochemical anomalies in terms of their bedrock source. Artemis Ventures Inc., of Vancouver, B.C., funded the exploration work as part of an option agreement it has with Mountain Province Mining Inc. A track mounted hydraulic excavator (CAT 215 LC) was used for the trail building and trenching. H. Coyne & Sons Ltd. of Whitehorse supplied the excavator which was operated by Don Chisholm. Greg Sinitsin and Mark Roden were the field technicians responsible for day to day operations. This crew stayed at the Ketza mine camp where room and board was provided through BYG Natural Resources Ltd.

LOCATION

The WILD-EVE claim group is centered 42 kilometres south of Ross River in the Pelly Mountains, Watson Lake Mining District, Y.T. at latitude 61°36'N and longitude 132°22'W. The property is situated on map-sheet 105F/9. Physiographically the ground lies in relatively steep alpine terrain, near the head of a south tributary drainage of the Ketza River. Elevations range from 1500 to 1900 metres above sea level. The mine and millsite of the Ketza river gold mine (BYG Natural Resources Ltd.) is situated 8 kilometres to the southeast of the property.

ACCESS

During the 1997 field season a 4X4 access trail was built onto the WILD-EVE claim group from the Ketza mine roads.

HISTORY

This property was first acquired by Cyprus Anvil Mining Corp. in August 1976 (*Morin et al.*, 1979) as the EROS 1 to 8 claims. During the 1977 field season a program of soil sampling and geophysics was undertaken on the property (P. Dean, 1977). In 1978, Cyprus Anvil put one, vertical diamond drill hole into the property. This drill core is currently stored at the H. Bostock Core Library in Whitehorse. Cyprus Anvil subsequently allowed the EROS claims to lapse. In 1986, Mountain Province Mining Inc. acquired the ground by staking it as the EVE claims. Mountain Province conducted further geochemical soil sampling and geophysics on the claims in 1987 (Verley, 1988) and 1989 (Verley 1990). Results of this work outlined a ferricrete gossan and an associated zone containing anomalous Pb, Zn, Ag, Cu, As and Au in soil. The source of the gossan and anomalous geochemistry has not been determined. In 1993, the drill core of the Cyprus Anvil hole was relogged by the writer. One of the conclusions of this work was that the drilling may have passed through the oxidized sulphide horizon without recovering any core (Verley, 1994). In September 1994, an additional 36 mineral claims were added to the claim block to cover possible northern extensions of the "North Zone." A small geochemical program was undertaken to investigate the new claims in 1995 (Verley, 1996).

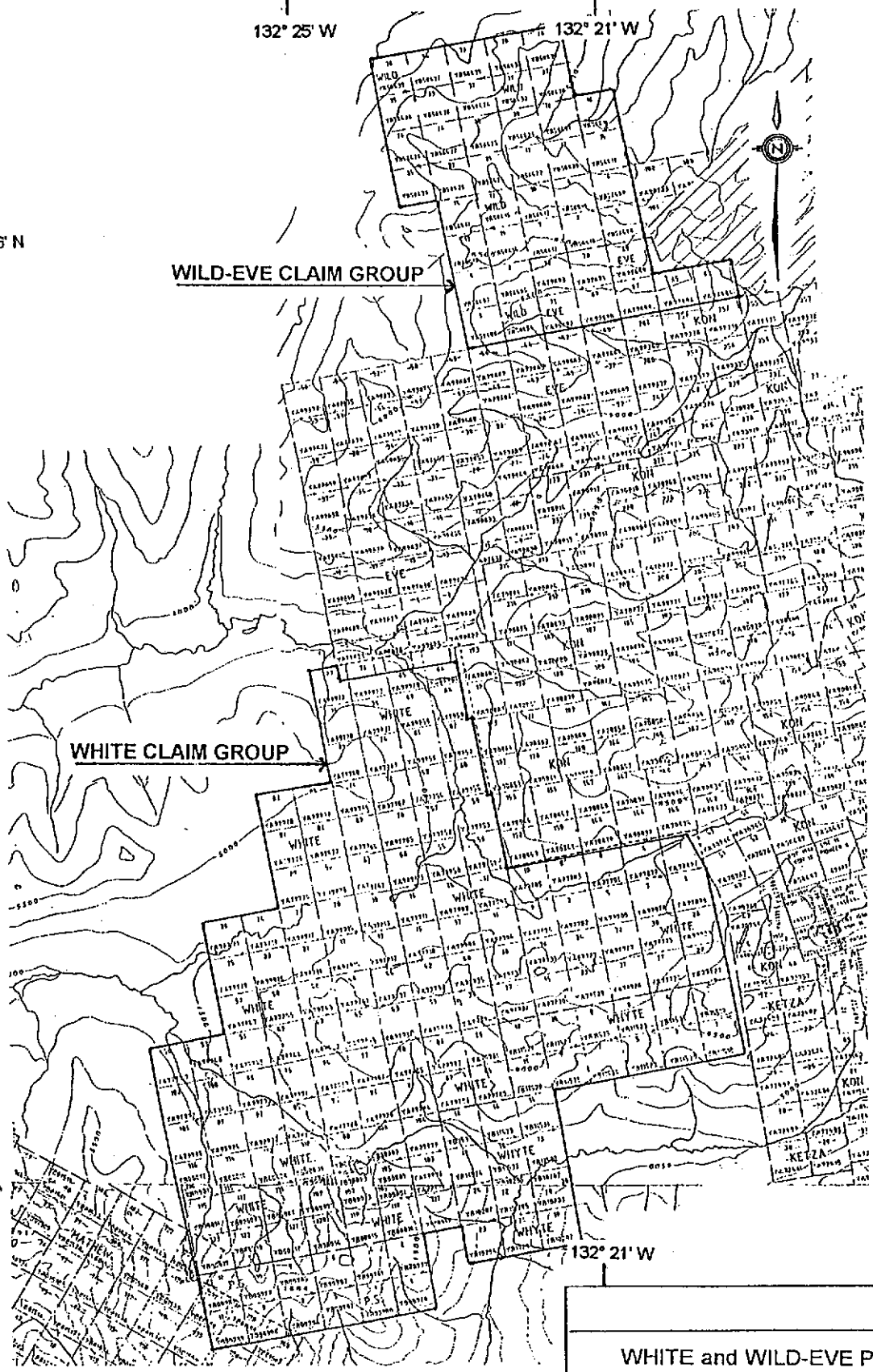
PROPERTY

The property consists of 44 contiguous, full sized mineral claims (2200 acres) as tabulated below and illustrated on Figure 2. The claims are located in the Ketza River area, Watson Lake Mining District, Y.T. (NTS 105F/9).

Table 1. MINERAL CLAIMS

Claims	Grant Numbers	Expiry Date*
EVE 63	YA99684	December 22/2001
EVE 65	YA99686	December 22/2001
EVE 67	YA99688	December 22/2001
EVE 68	YA99689	December 22/2001
EVE 69	YA99690	December 22/2001
EVE 70	YA99691	December 22/2001
EVE 71	YA99692	December 22/2001
EVE 72	YA99693	December 22/2001
WILD 1 - 36	YB56404-YB56439	October 04/2001

*Pending acceptance of assessment work



WHITE and WILD-EVE PROPERTIES

CLAIM MAP

NTS 105 F/8, 9

Figure 2

GEOLOGY

Regional:

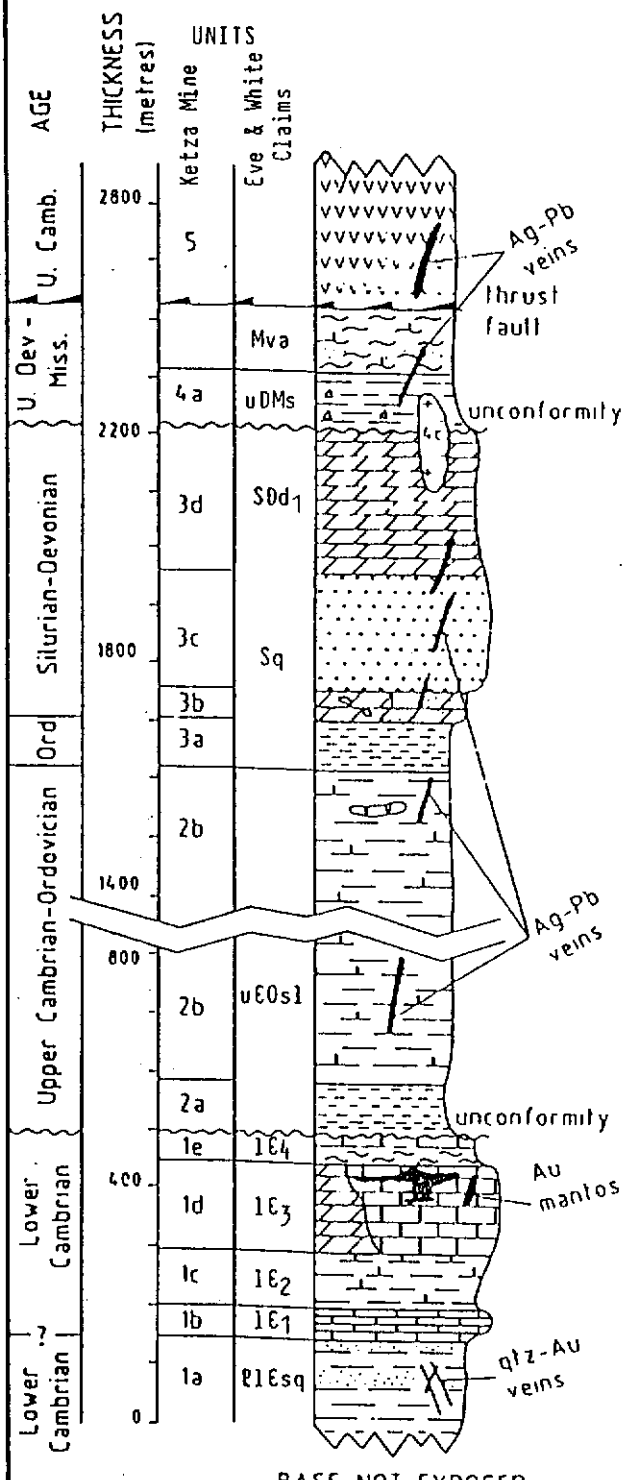
The property is situated in the Cassiar terrane, a displaced segment of continental margin (Wheeler, et al., 1988) that consists of a sequence of sediments ranging in age from Precambrian to Upper Triassic. This succession is overlain by allochthonous sediments, volcanics and associated pyroclastics of the Upper Devonian to Mississippian age Yukon-Tanana terrane. Rare syenitic intrusives of Mississippian age intrude the sequence in the Ketza River area (Templeman-Kluit, 1977). These formations were deformed by an arc-continent collision event in Mesozoic times (Templeman-Kluit, 1979). Later, dextral strike-slip movement of at least 450 km along the Tintina Fault (Gabrielse, 1985) has undoubtedly influenced structural development in the area. Several large thrust sheets and small domal uplifts document the past deformation. In the immediate Ketza mineral camp, the Paleozoic succession hosts a number of silver-lead-zinc veins. In addition, the Devono-Mississippian hosts important lead-zinc-silver deposits in a variety of settings - ranging from sedimentary-exhaltative such as at Macmillan Pass (Carne, 1976) to volcanogenic as at the Kudza Ze Kayah deposit in the Finlayson Lake area of the Yukon (Schultze, 1996).

Property:

This property is underlain by a relatively flat lying Upper Cambrian to Ordovician formation containing phyllite, chloritic phyllite, calcareous phyllite and argillaceous limestone with local volcanic flows - massive and amygdaloidal - as well as sections of tuff and agglomerate. In general, this package of rocks is thinly bedded, recessive and forms pale yellowish-orange weathering talus slopes. Abundant, irregular quartz-carbonate veins are a ubiquitous feature of this unit. The Upper Cambrian-Ordovician unit has been uplifted and juxtaposed against relatively

GENERALIZED STRATIGRAPHY

EVE & WHITE CLAIMS - NTS 105F/8, 9



Intermediate and felsic volcanics and associated pyroclastics

Black, laminated shale

Orange weathering dolostone

Grey, massive quartzite and shale

Buff to orange weathering, calcareous phyllite and shale with local greenstone lenses. Contains distinctive irregular quartz-ankerite pods and veins

Green, phyllitic mudstone

Bluish-grey, thickly-bedded to massive, archeocyathid-bearing limestone. Locally dolomitized

Greyish-green to brown, phyllitic mudstone and argillaceous limestone

Dark grey to black, well laminated silty limestone

Greenish-grey argillite, siltstone and quartzite

(Modified after Cathro, 1988)

Figure 3

flat lying Devono-Mississippian shales and volcanics on the western and northern part of the property by a northeasterly trending normal fault.

The Upper Devonian - Mississippian shales consist of thin-bedded to laminated, dark grey to black, carbonaceous silt and/or sand-bands. Near the top of the shales lenses of pale, pyritic fine-grained rocks were exposed in some of the trenches. Petrographic analyses of samples of these and the carbonaceous shales suggests that the pale units may represent pyroclastic material within the shales (Appendix B, Petrographic Report by J.F. Harris). This is significant because these pyritic tuffs occur near or at the apex of the most intense soil geochemistry at the North zone and therefore add weight to the notion that the anomalous geochemistry may be related to volcanogenic massive sulphide mineralization. The shales are overlain by subaqueous Mid-Mississippian peralkaline andesitic flows and fragmental rocks (Mortensen et al., 1982). The contact between the shales and volcanics, where observed in drill core is mylonitized, suggesting that the volcanics have been thrust into their present position. A number of felsite apophyses were also observed, in drill core, to intrude the shale and volcanic section.

A strong soil geochemical anomaly suggests the presence of polymetallic mineralization within the Mississippian volcanics or at the contact between Devono-Mississippian shales and overlying volcanics. A ferricrete (iron oxide cemented) zone is associated with the soil anomaly.

The location of the Cyprus Anvil drill hole collar is up slope from the geochemical anomaly; in a position that one would expect to provide a successful test of the geochemical anomaly. However, an examination of the Cyprus Anvil drill core indicates that drill core is first reported at a depth of 25.1 metres (82'). Presumably the 25.1 metres that is absent from the top of the core record was material that could not be recovered: i.e. overburden, talus or weathered rock. The strong soil geochemical anomaly suggests that mineralization probably subcrops below the overburden. If this mineralization is highly weathered - as the ferricrete gossan would suggest - then it is likely that drilling may have passed through this weathered material, mistaking it for overburden and not recovering it. Therefore, Cyprus Anvil's drill test of the anomaly probably

failed because of poor core recovery at the start of the drill hole. The results of soil sampling during 1997 suggest that the probable source area for the anomaly may lie 70 to 150 metres upslope and north of the Cyprus Anvil drill hole.

GEOCHEMISTRY

During the 1997 work program all samples collected were placed in numbered bags and delivered to Pioneer Laboratories Inc. in New Westminster, B.C. There soil samples were dried and sieved to -80 mesh; rocks were pulverized. A 0.5 gram portion of each sieved sample was digested in 3 ML of a 3:1:2 solution of HCl, HNO_3 and H_2O at 95°C for one hour, then diluted with water to a 10 ML solution. Gold analysis was by atomic absorption from a 10 gram sample. Inductively coupled argon plasma (ICP) technique was used to analyze 0.5 grams samples for Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Al, Na, K, and W.

Soils:

On the WILD-EVE claims, 234 soil samples were collected along lines primarily in the North zone. The purpose of this work was to close off the north or up-slope extent of the soil anomaly that previous sampling had indicated occurred at this zone. In addition, several lines of soils were collected to the south and farther to the north of the main area.

A table summarizing the geochemical data is found below. Thresholds for anomalous populations, believed to reflect mineralization, were determined using the Proplot statistical program (Stanley, C.R., 1987) - refer to Figures 4 to 7 in Appendix A. For silver, lead, arsenic, antimony and molybdenum the frequency distributions are indicative of 2 populations, one being anomalous and reflecting mineralization, the other reflecting background metal levels in unmineralized rock. However, in the case of gold, zinc and copper there is a more complex multi-population model.

Viewing the analytical data in light of this statistical interpretation, it is clear that anomalous silver-lead-zinc is effectively closed off, between lines K-97-1 and K-97-2. Coincident silver-lead-zinc soil anomalies occur intermittently from 1250W to 1500W on line K-97-1, but the anomalous trend does not carry upslope to line K-97-2, with the possible exception of 2.6 ppm Ag and 231 ppm Pb at 1125W. Therefore, the source of the anomaly is probably located some-

Table 2. Summary of Soil Sample Geochemistry

	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cu ppm	Sb ppm	As ppm	Mo ppm
Range	1-120	0.3-44.1	3-2433	13-5564	9-175	3-127	2-528	1-32
Median	3	0.8	47	197	49	4	19	5
Mean	2.8	1.7	126	286	62	7	27	6
Threshold*	10	2.5	143	700	104	7	84	13

* Threshold = lower threshold that minimizes classification errors between highest anomalous population and lower populations.

where between the two lines and judging from the intensity of the anomaly at 1325W (44.1 ppm Ag, 2418 ppm Pb and 5564 ppm Zn) probably at this position along the lines. Correlation between silver and lead is very strong as well as between silver and antimony, suggesting that a sulfosalt such as tetrahedrite-freibergite mixed in with galena may carry the silver. If this is the case, then it also raises the question of the nature of the mineralization: whether it is vein-type or volcanogenic.

Table 3. Correlation coefficients for metals in soil.

	Ag	Pb	Sb	As	Zn	Mo	Cu	Au
Ag	1.0000							
Pb	**0.8909**	1.0000						
Sb	**0.8563**	0.7830	1.0000					
As	0.4133	**0.7354**	0.4175	1.0000				
Zn	0.7155	0.6580	**0.8114**	0.4092	1.0000			
Mo	0.0888	0.1359	0.1530	**0.1955**	0.1369	1.0000		
Cu	0.2397	0.2288	0.2353	0.2646	**0.5886**	0.0920	1.0000	
Au	0.0509	0.0314	0.0273	0.0247	0.0561	-0.0663	**0.0899**	1.0000

Trench Samples:

A total of 81 rock and "muck" samples were collected from 19 trenches excavated during the course of the 1997 field program. Plans and sections of the trenches (Figures 8 to 26) along with geochemical data are found in Appendix A.

The data from the analytical work was statistically analyzed in the same way as the soil data. A summary of this is tabulated below (also refer to Figures 27 to 30, Appendix A). It

was found, again that gold, silver, lead, zinc, arsenic, antimony, copper and molybdenum are anomalous in rocks from some of the trenches.

Table 4. Summary of Trench Sample *Geochemistry*

	Au ppb	Ag ppm	Pb ppm	Zn ppm	Cu ppm	Sb ppm	As ppm	Mo ppm
Range	1-135	0.3-19.3	5-1853	10-8503	2-167	3-59	2-393	1-55
Median	21	0.4	50	1642	40	4	24	7
Mean	25	2.3	207	2074	45	9	55	10
Threshold*	81	4	235	120	9	12	246	28

* Threshold = lower threshold that minimizes classification errors between highest anomalous population and lower populations.

The locations of trench samples that are anomalous in silver and lead are distributed in trenches (T-1, T-3, T-11A,B,C, T-12A,B, T-13, T-15, T-16, T-17) that are situated in a line running downslope from the strongest part of the silver-lead soil anomaly. These samples are believed to reflect dispersion from a mineralized source upslope. The trench results also suggest that the carbonaceous shale intersected in the trenching has a high background in zinc and copper, but in the writer's opinion this is not reflective of mineralization at these locations.

CONCLUSIONS & RECOMMENDATIONS

Mountain Province Mining Inc. owns 44 contiguous mineral claims located in the Ketza River area, Watson Lake Mining District, Yukon. The claims are situated 42 kilometres south of Ross River and are road accessible.

The property is underlain by a succession of Precambrian to Mississippian phyllites, carbonates, shale and volcanics.

A gossan zone that is strongly anomalous in Pb, Zn, Ag, Cu, As and Au occurs on the WILD-EVE claims. The source of this gossan is believed to be located between soil lines K-97-1 and K-97-2 at approximately 1325W. The strong geochemical signature of the gossan and its association with Devono-Mississippian shales and volcanics suggests that the source mineralization reflects either a volcanogenic polymetallic massive sulphide deposit or a silver-lead vein. To test this notion either further trenching or diamond drilling could be undertaken. However, again the target area is relatively confined suggesting a small source and therefore also suggesting that this anomaly is low priority.

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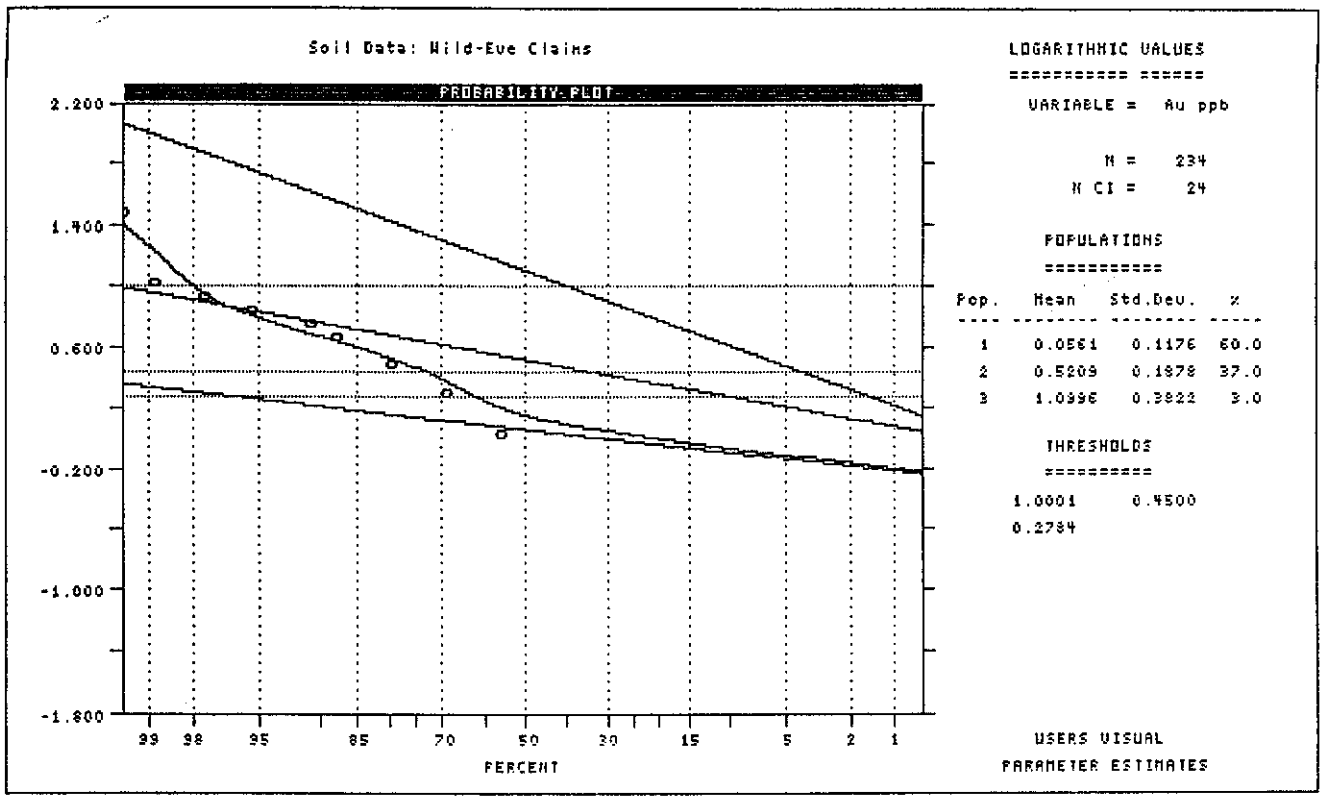
APPENDIX A

GEOCHEMICAL DATA



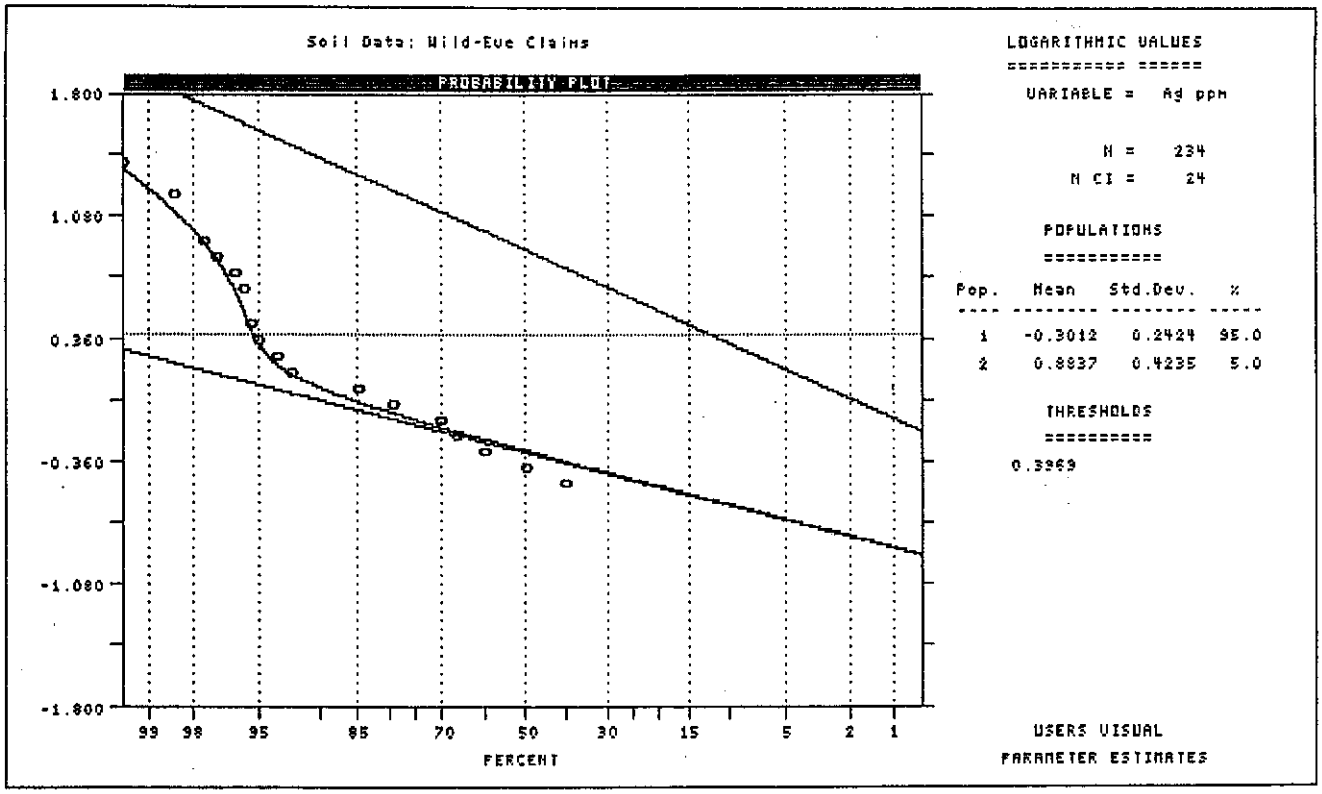
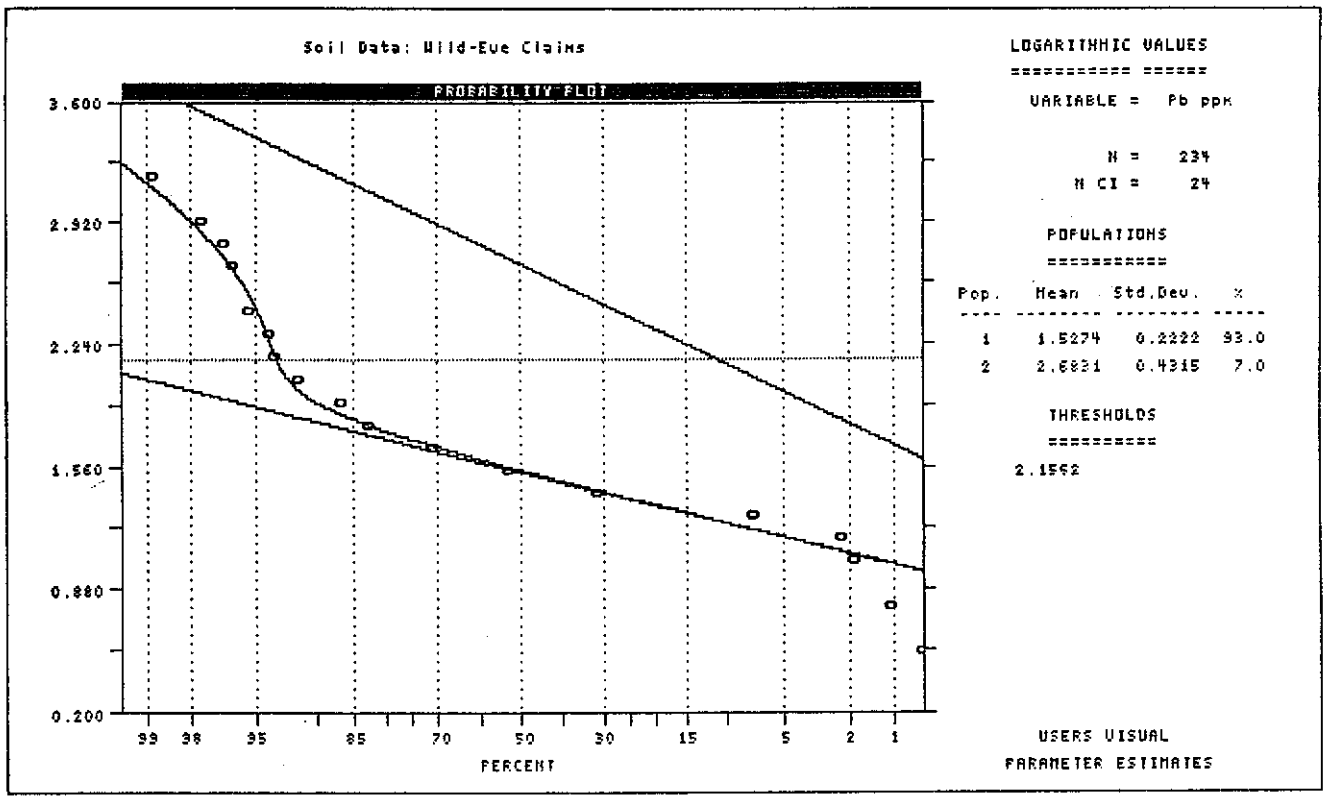


Figure 4. Probability Plots of Au & Ag in Soils - WILD-EVE claims



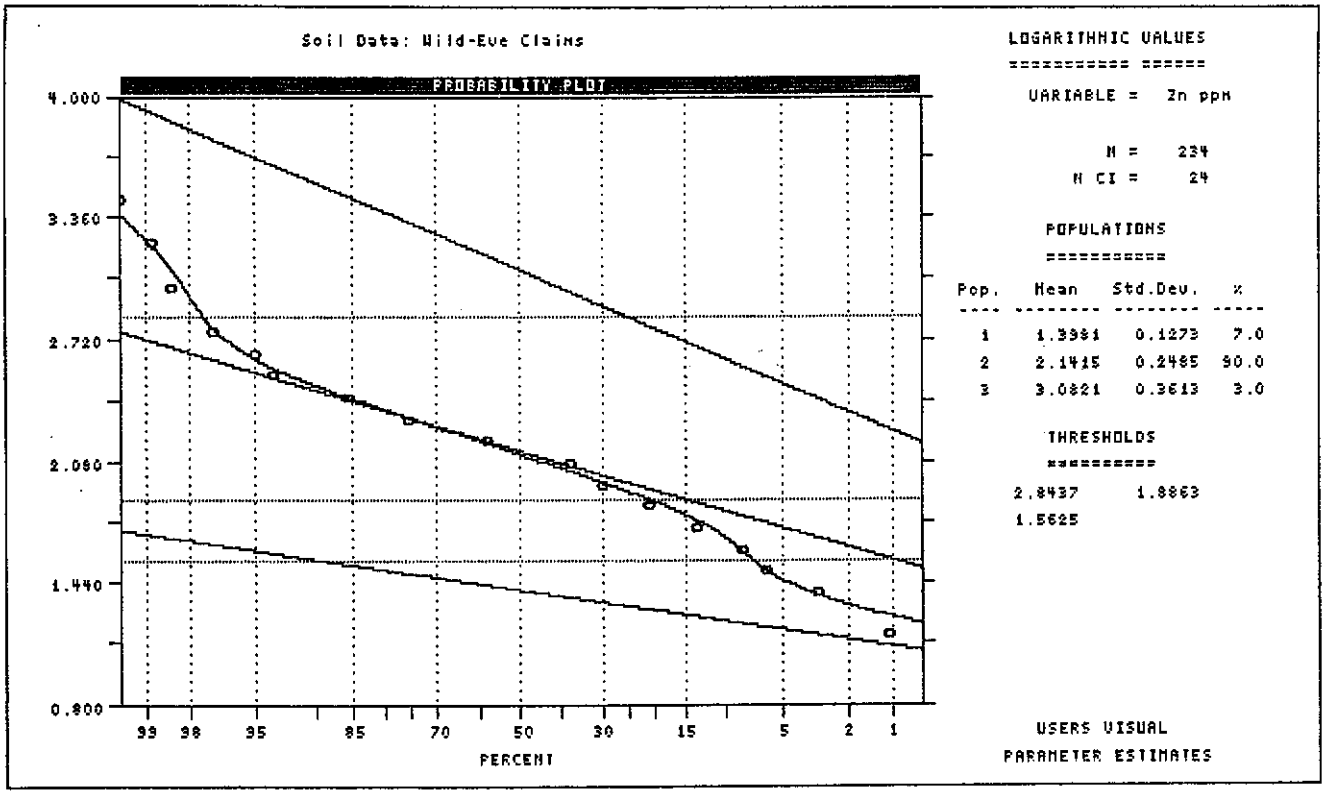
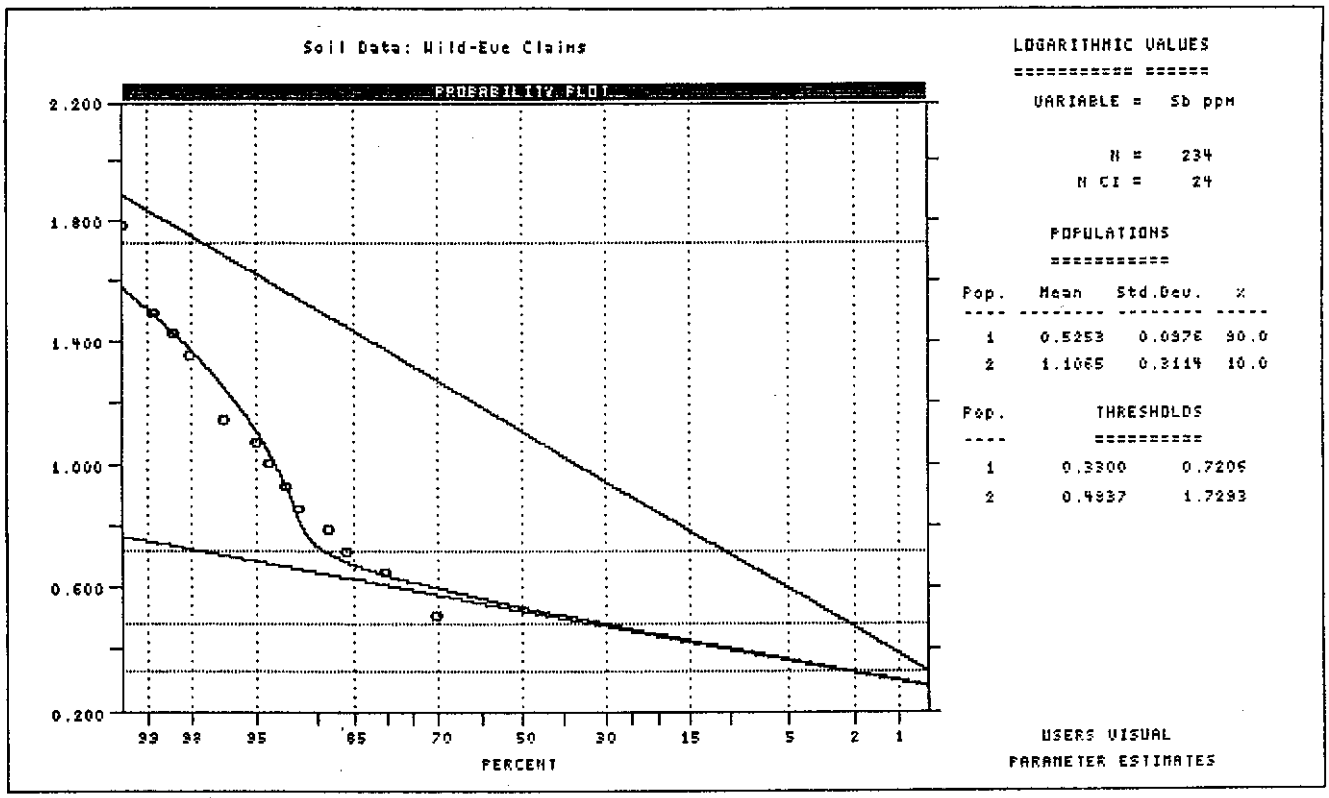


Figure 5. Probability Plots of Pb & Zn in Soils - WILD-EVE claims



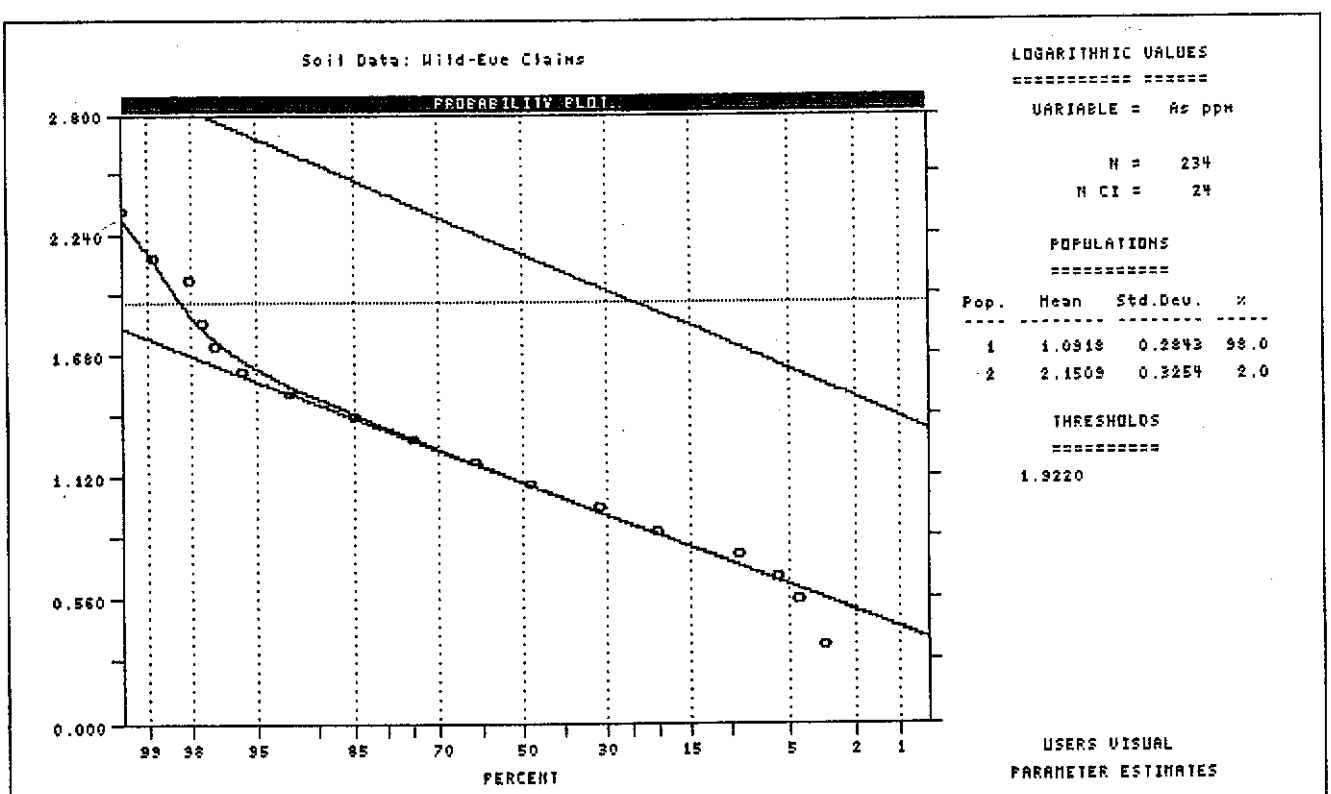
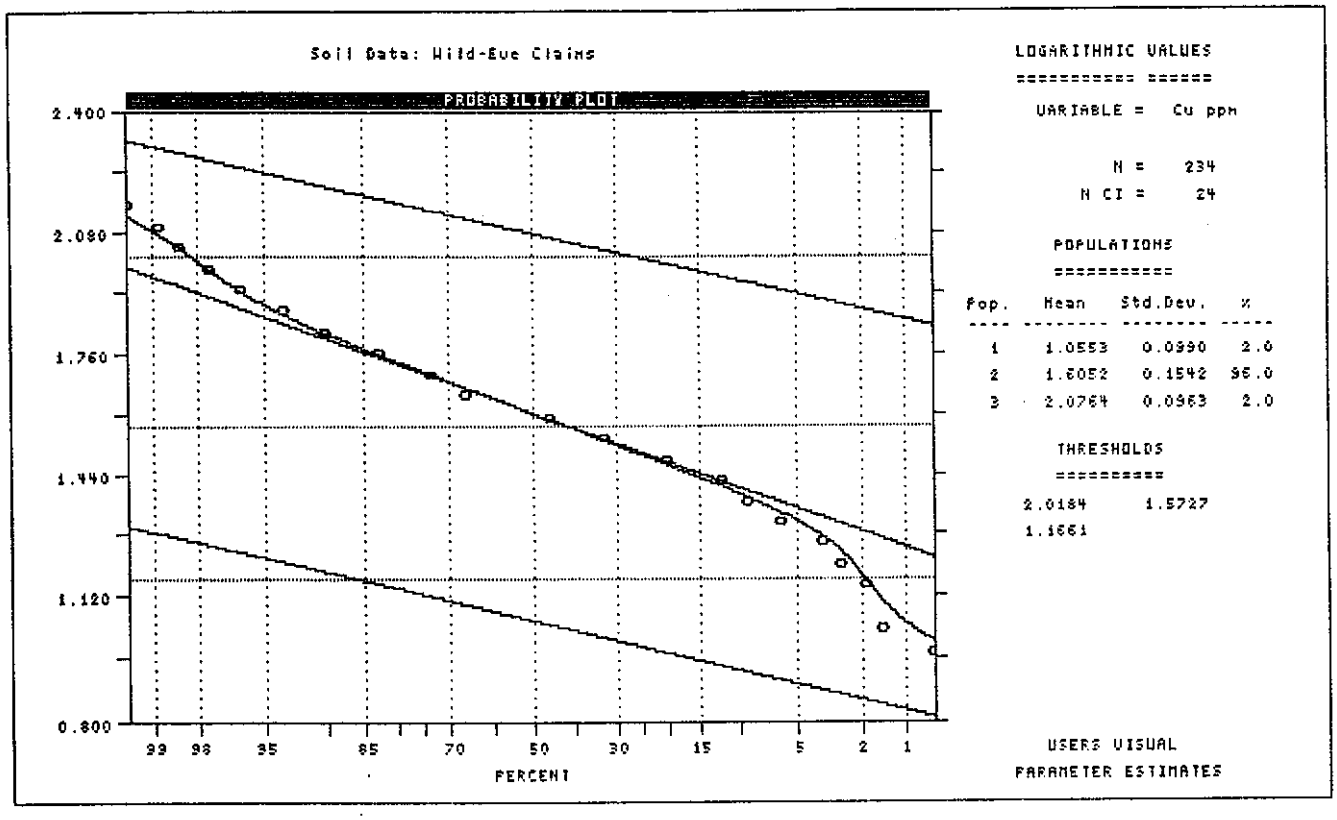


Figure 6. Probability Plots of Sb & As in Soils - WILD-EVE claims



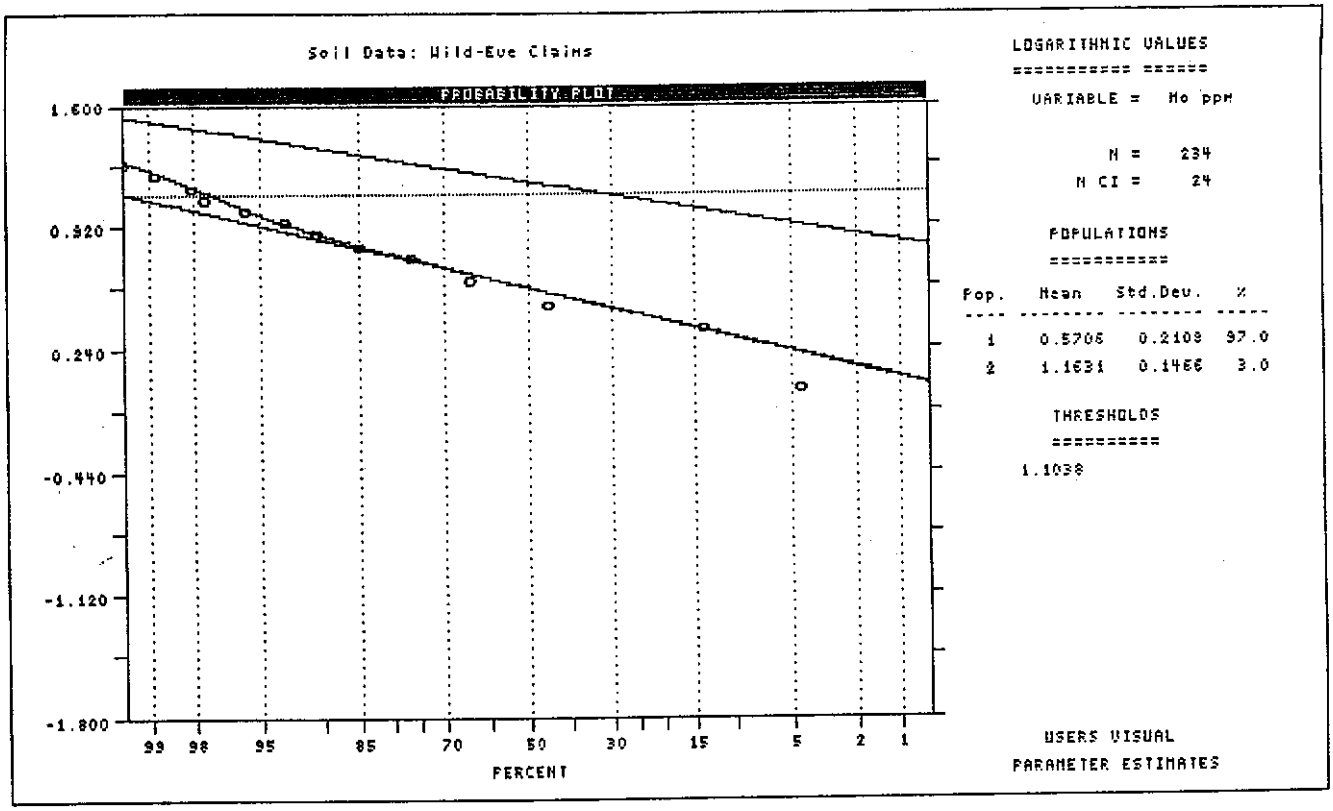


Figure 7. Probability Plots of Cu & Mo in Soils - WILD-EVE claims

PIONEER LABORATORIES INC. 5-730 EATON WAY NEW WESTMINSTER, BC CANADA V3M 6J9 TELEPHONE (604) 522-3830

GEOCHEMICAL ANALYSIS CERTIFICATE

AMERLIN EXPLORATION
Project:
Report No. 9712296
Sample Type: Soils
Date: September 16, 1997

Multi-element ICP Analysis - .500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with Water. This leach is partial for Mn, Fe, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K and Al. Detection Limit for Au is 3 ppm.
*Au Analysis- 10 gram sample is digested with aqua regia, MIBK extracted, graphite furnace AA finished to 1 ppb detection.

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Mn ppm	Fe %	Ti %	Cr ppm	Ni ppm	Co ppm	U ppm	Th ppm	Sr ppm	La ppm	B ppm	V ppm
K-97-1 1000W	10	0.7	260	520	4.1	493	39	4	46	4	3	300	3.11	0.01	10	14	11	8	2	67	27	3	33
K-97-1 1025W	4	2.1	96	2840	26.9	349	175	7	45	8	3	1823	10.63	0.01	21	71	67	8	2	40	32	3	46
K-97-1 1050W	3	1.6	125	862	6.1	421	101	6	41	5	3	779	6.36	0.01	16	45	40	8	2	58	31	3	45
K-97-1 1075W	4	0.5	66	491	2.6	300	94	5	26	4	3	1144	6.61	0.01	12	35	39	8	2	39	35	3	41
K-97-1 1100W	1	1.3	111	159	0.5	472	50	6	26	4	3	557	3.97	0.01	10	27	22	8	2	74	30	3	32
K-97-1 1125W	3	1.5	98	93	0.3	456	35	6	20	8	3	271	3.30	0.01	12	19	12	8	2	67	35	3	30
K-97-1 1150W	1	0.8	96	59	0.4	462	22	6	12	6	3	294	2.55	0.01	6	15	8	8	2	82	35	3	16
K-97-1 1175W	1	0.8	119	92	0.4	478	22	6	17	8	3	256	2.75	0.01	10	18	10	8	2	93	40	3	20
K-97-1 1200W	2	0.9	136	132	0.6	549	29	5	18	7	3	309	2.83	0.01	12	22	11	8	2	79	38	3	22
K-97-1 1225W	4	2.0	243	76	0.2	456	18	6	17	7	3	222	2.18	0.01	10	13	7	8	2	69	35	3	21
K-97-1 1250W	4	6.0	483	76	0.2	762	20	7	24	11	3	177	2.23	0.01	9	13	6	8	2	68	36	3	23
K-97-1 1275W	3	7.4	512	139	0.8	495	26	7	27	12	3	268	2.46	0.01	9	14	7	8	2	63	39	3	24
K-97-1 1300W	4	23.3	1215	154	0.9	588	27	5	34	21	3	167	2.50	0.01	10	13	6	8	2	76	38	3	23
K-97-1 1310W	4	23.4	1247	163	1.4	622	28	5	36	22	3	208	2.56	0.01	10	13	7	8	2	77	36	3	24
K-97-1 1325W	4	44.1	2418	5564	55.3	493	128	8	117	127	4	1096	6.50	0.01	36	79	54	8	8	221	46	3	103
K-97-1 1350W	6	14.2	1304	927	9.6	638	56	7	57	27	3	773	5.52	0.05	59	49	27	8	2	58	48	3	74
K-97-1 1375W	2	1.5	187	152	0.6	365	48	5	22	5	3	925	4.33	0.01	13	35	29	8	5	41	52	3	25
K-97-1 1400W	2	0.6	55	197	0.3	368	51	4	16	3	5	809	4.16	0.01	5	35	20	8	3	33	43	3	15

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Mn ppm	Fe %	Ti %	Cr ppm	Ni ppm	Co ppm	U ppm	Th ppm	Sr ppm	La ppm	B ppm	V ppm
K-97-1 1425W	6	6.0	780	471	0.2	152	10	4	133	54	3	83	7.59	0.01	3	7	4	8	2	22	10	3	12
K-97-1 1450W	8	5.2	707	978	6.1	63	77	6	179	28	3	1341	11.63	0.01	13	22	19	8	2	60	24	3	36
K-97-1 1475W	1	0.3	36	110	0.6	423	50	2	14	3	3	1241	3.90	0.05	70	47	24	8	4	30	31	3	64
K-97-1 1500W	3	13.9	2433	1439	10.4	177	91	6	528	22	3	1529	8.03	0.03	47	54	27	8	4	93	41	3	47
K-97-1 1525W	2	0.3	32	64	0.2	332	15	4	7	3	3	730	2.82	0.01	13	14	11	8	2	33	18	3	26
K-97-1 1550W	1	0.6	95	146	0.2	401	43	6	16	4	3	936	4.65	0.01	14	31	20	8	2	54	35	3	30
K-97-1 1575W	1	0.3	29	31	0.2	394	33	5	12	4	3	546	4.62	0.01	9	23	16	8	2	61	35	3	27
K-97-1 1600W	1	0.3	32	35	0.2	438	47	5	12	5	3	1027	4.54	0.01	23	35	26	8	2	60	39	3	31
K-97-2 1000W	3	0.3	54	102	0.2	494	33	6	32	7	5	342	4.24	0.01	11	36	20	8	3	170	29	3	25
K-97-2 1025W	2	1.0	64	45	0.2	541	32	5	15	4	3	381	2.83	0.01	7	19	14	8	2	104	16	3	19
K-97-2 1050W	1	0.9	90	43	0.2	179	22	10	24	11	3	221	3.55	0.01	10	17	12	8	4	140	36	3	29
K-97-2 1075W	1	1.1	48	71	0.2	719	34	3	12	5	3	271	3.13	0.01	11	21	10	8	2	90	41	3	18
K-97-2 1100W	1	0.7	30	84	0.2	782	33	2	10	3	3	367	3.03	0.01	21	30	11	8	2	75	33	5	24
K-97-2 1125W	1	2.6	231	47	0.2	393	24	4	13	12	3	164	1.58	0.01	6	12	6	8	5	125	37	3	13
K-97-2 1150W	2	1.0	48	133	0.4	508	52	4	14	6	3	770	4.20	0.01	19	39	19	8	2	61	54	4	29
K-97-2 1175W	5	1.1	41	134	0.3	620	56	3	15	4	3	534	3.90	0.01	17	39	20	8	2	68	39	4	26
K-97-2 1200W	1	0.8	29	138	0.3	666	48	3	10	3	3	562	3.22	0.01	28	48	19	8	2	69	31	4	30
K-97-2 1225W	1	0.7	37	99	0.3	942	62	3	7	3	5	910	5.21	0.23	145	87	43	8	14	78	31	5	130
K-97-2 1250W	1	0.9	46	118	0.2	539	62	4	13	3	4	858	4.33	0.01	17	53	30	8	2	54	43	5	25
K-97-2 1275W	1	0.4	32	50	0.2	504	47	5	6	3	3	650	4.00	0.01	26	38	26	8	2	44	43	7	30
K-97-2 1300W	1	0.3	36	98	0.2	243	42	5	7	3	3	1491	6.39	0.01	6	32	46	8	5	30	45	4	30
K-97-2 1325W	1	0.4	38	100	0.2	438	44	5	7	3	4	755	5.33	0.01	6	27	31	8	2	34	44	6	26
K-97-2 1350W	3	0.3	22	45	0.2	393	17	3	2	3	3	526	3.30	0.01	8	12	16	8	2	44	18	3	21
K-97-2 1375W	1	0.3	24	50	0.2	382	30	3	4	3	3	607	3.79	0.01	5	19	21	8	2	41	35	4	15
K-97-2 1400W	1	0.3	44	80	0.2	375	49	5	4	3	3	742	5.28	0.01	5	30	28	8	2	42	40	3	18
K-97-2 1425W	1	0.3	24	110	0.2	293	44	5	6	3	3	1093	4.85	0.01	3	23	25	8	4	29	54	3	12
K-97-2 1450W	1	0.3	24	30	0.2	281	54	5	5	3	3	1440	6.32	0.01	6	40	45	8	4	49	31	4	28
K-97-2 1475W	1	0.3	22	30	0.2	267	52	6	8	3	3	1636	6.28	0.01	8	38	44	8	3	44	35	5	25
K-97-2 1500W	1	0.3	22	79	0.2	386	35	4	2	3	3	1435	5.75	0.01	7	22	31	8	2	30	54	5	25
K-97-2 1550W	1	0.3	20	21	0.2	225	34	7	11	3	3	1422	5.64	0.01	1	26	26	8	11	56	45	3	15
K-97-2 1575W	1	0.3	5	179	0.2	1755	59	3	2	3	3	2126	8.98	0.07	40	42	50	8	2	66	65	3	202
K-97-2 1600W	1	0.3	3	123	0.2	1704	60	3	2	3	3	1868	7.81	0.05	26	37	39	8	2	54	53	3	112
K-97-3 1000W	1	1.2	26	138	0.2	879	44	3	7	3	3	627	3.60	0.01	12	31	14	8	2	68	45	5	16
K-97-3 1025W	1	0.6	31	69	0.2	471	32	5	8	4	3	677	4.20	0.01	8	27	19	8	2	70	34	5	14
K-97-3 1050W	1	1.4	35	187	0.2	949	45	3	10	3	3	415	4.00	0.02	30	42	14	8	2	71	49	3	31

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Mn ppm	Fe %	Ti %	Cr ppm	Ni ppm	Co ppm	U ppm	Th ppm	Sr ppm	La ppm	B ppm	V ppm
K-97-3 1075W	1	1.3	30	141	0.2	637	40	2	12	3	3	398	4.03	0.02	35	50	14	8	2	80	37	3	37
K-97-3 1100W	4	1.8	45	203	0.2	465	68	3	20	3	3	692	4.42	0.01	20	56	18	8	4	79	49	3	28
K-97-3 1125W	3	1.6	39	181	0.2	359	63	3	9	3	5	515	4.03	0.01	22	43	15	8	2	76	45	3	29
K-97-3 1150W	1	1.3	38	201	0.4	609	61	3	12	3	3	623	4.03	0.02	35	61	20	8	2	84	39	4	38
K-97-3 1175W	1	0.8	51	94	0.2	616	44	3	10	3	3	557	3.79	0.02	29	42	22	8	2	66	33	4	31
K-97-3 1200W	4	1.5	94	132	0.5	728	50	3	29	3	3	728	3.85	0.01	34	48	21	8	2	61	56	3	28
K-97-3 1225W	1	0.7	34	90	0.2	580	46	4	11	3	3	702	3.72	0.01	17	36	23	8	2	49	45	5	21
K-97-3 1250W	1	0.8	32	87	0.2	641	47	4	7	3	3	770	3.82	0.02	31	43	23	8	2	50	44	4	31
K-97-3 1275W	1	0.7	36	125	0.2	427	55	4	10	3	3	722	3.60	0.01	12	37	21	8	2	40	37	3	19
K-97-3 1300W	1	0.4	44	85	0.2	316	37	5	6	3	3	983	4.52	0.01	3	19	25	8	2	34	50	3	11
K-97-3 1325W	1	0.3	31	47	0.2	286	37	5	5	3	3	1147	5.19	0.01	6	28	38	8	3	31	45	6	20
K-97-3 1350W	1	0.3	23	59	0.2	350	33	4	4	3	3	673	4.73	0.01	5	17	24	8	2	31	44	3	17
K-97-3 1375W	1	0.4	32	114	0.2	337	36	4	6	3	3	728	4.46	0.01	3	17	21	8	2	34	47	6	11
K-97-3 1425W	1	0.3	26	129	0.2	372	41	5	3	3	3	1267	5.27	0.01	4	22	26	8	2	29	55	3	15
K-97-3 1450W	1	0.3	20	43	0.2	292	32	3	2	3	3	1500	6.34	0.01	6	20	34	8	2	27	35	3	26
K-97-3 1475W	1	0.3	18	38	0.2	309	29	4	2	3	3	1349	5.84	0.01	5	19	36	8	2	32	33	4	23
K-97-3 1500W	1	0.3	18	32	0.2	278	22	3	2	3	3	1614	6.61	0.01	5	15	41	8	2	27	34	3	30
K-97-3 1525W	1	0.3	21	22	0.2	367	24	3	3	3	3	1499	6.15	0.01	4	18	35	8	2	27	32	4	24
K-97-3 1550W	1	0.3	26	124	0.2	374	29	4	5	3	3	828	4.15	0.01	4	17	18	8	2	32	44	3	12
K-97-3 1575W	1	0.3	31	177	0.3	409	44	4	13	3	3	759	2.99	0.01	5	35	16	8	4	24	43	3	10
K-97-3 1600W	1	0.3	23	23	0.2	321	19	4	7	3	3	498	2.21	0.01	2	14	12	8	13	16	91	4	4
K-97-3 1625W	2	0.3	24	22	0.2	519	24	5	9	3	3	815	2.85	0.01	4	16	13	8	15	19	103	4	7
K-97-3 1650W	1	0.3	27	40	0.2	281	33	10	14	3	3	2280	5.99	0.01	6	22	20	8	13	36	84	3	9
K-97-3 1675W	1	0.3	40	29	0.2	344	37	10	15	3	7	2499	6.74	0.01	7	28	30	8	8	48	64	3	18
K-97-3 1700W	1	0.3	55	13	0.2	66	26	8	16	3	6	1357	8.74	0.01	3	22	23	8	3	121	20	5	10
K-97-3 1725W	1	0.4	69	22	0.2	232	43	4	13	3	3	2338	9.06	0.01	5	25	43	8	2	40	31	3	23
K-97-4 1000W	4	1.4	44	279	1.2	751	63	3	16	3	3	750	4.12	0.01	15	52	19	8	2	70	32	3	19
K-97-4 1025W	8	2.2	29	157	0.2	810	54	2	15	3	3	543	3.54	0.03	47	63	15	8	2	92	25	3	42
K-97-4 1050W	2	1.4	37	192	0.2	550	52	3	14	3	3	481	4.35	0.03	40	62	16	8	3	86	50	3	42
K-97-4 1075W	3	1.4	38	194	0.3	799	56	2	23	3	3	426	3.60	0.02	34	68	15	8	2	94	32	5	39
K-97-4 1100W	7	1.1	31	213	0.5	563	60	2	11	3	3	583	3.32	0.02	17	47	15	8	2	73	29	3	26
K-97-4 1125W	6	1.3	42	307	0.7	878	74	4	13	3	3	689	4.30	0.04	40	83	21	8	2	88	39	4	47
K-97-4 1150W	4	1.5	36	158	0.2	1162	88	5	16	3	4	722	4.14	0.01	26	65	19	8	2	84	32	7	30
K-97-4 1175W	6	1.5	48	222	0.3	701	75	3	13	3	3	672	4.10	0.01	24	71	19	8	2	97	44	3	25
K-97-4 1200W	1	0.6	48	92	0.2	619	44	4	9	3	3	706	3.87	0.02	31	43	19	8	3	57	59	3	25

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K-97-4 1225W	1	0.4	36	139	0.7	406	45	3	9	3	3	733	2.57	0.01	4	38	18	8	3	40	46	3	9
K-97-4 1250W	1	0.3	47	117	0.4	349	44	4	10	3	3	1031	3.76	0.01	8	25	22	8	2	34	51	5	11
K-97-4 1275W	1	0.3	41	82	0.5	252	31	5	11	3	3	764	3.54	0.01	3	18	21	8	2	37	48	3	8
K-97-4 1300W	1	0.3	34	65	0.2	376	29	3	8	3	3	908	4.32	0.01	4	16	27	8	2	28	39	4	13
K-97-4 1310W	3	0.3	34	70	0.2	392	31	3	8	3	4	979	4.50	0.01	4	17	29	8	2	29	43	4	14
K-97-4 1325W	1	0.3	26	93	0.2	324	29	3	5	3	3	733	4.03	0.01	5	16	22	8	2	32	38	4	11
K-97-4 1350W	1	0.3	40	103	0.2	373	34	4	9	3	3	717	4.31	0.01	2	17	25	8	2	45	38	3	11
K-97-4 1375W	1	0.3	27	91	0.2	309	25	4	8	3	3	810	4.15	0.01	2	13	17	8	2	30	46	3	9
K-97-4 1400W	1	0.3	20	51	0.4	332	19	2	5	3	3	608	3.13	0.01	3	11	14	8	2	54	33	3	11
K-97-4 1425W	1	0.3	23	62	0.4	305	19	3	6	3	3	736	3.32	0.01	3	12	15	8	2	45	35	4	11
K-97-4 1450W	1	0.3	27	44	0.2	290	20	3	6	3	3	992	4.20	0.01	3	13	23	8	2	32	40	3	21
K-97-4 1475W	1	0.3	26	85	0.2	313	27	3	8	3	3	967	3.91	0.01	5	15	21	8	2	36	43	4	16
K-97-4 1500W	1	0.3	30	139	0.2	384	37	4	7	3	3	946	4.13	0.01	3	20	19	8	2	33	47	3	10
K-97-4 1525W	1	0.3	25	169	0.3	548	37	4	7	3	3	677	3.79	0.01	3	17	15	8	2	33	53	5	7
K-97-4 1550W	1	0.3	30	133	0.2	621	39	3	8	3	3	827	3.83	0.01	4	18	16	8	2	40	55	4	7
K-97-4 1575W	1	0.3	27	115	0.2	419	27	3	8	3	3	428	3.23	0.01	4	15	12	8	2	28	74	3	6
K-97-4 1600W	2	0.5	43	413	0.8	541	71	5	16	3	3	1582	5.04	0.01	3	53	27	8	5	30	38	3	9
K-97-4 1625W	1	0.4	33	219	0.7	427	52	5	10	3	3	1012	3.52	0.01	5	34	19	8	9	21	44	5	7
K-97-4 1650W	1	0.8	428	214	1.3	134	68	6	17	3	4	1105	7.06	0.01	3	38	28	8	7	35	67	3	5
K-97-4 1675W	1	0.8	34	323	1.0	502	83	6	14	3	3	1275	3.97	0.01	6	54	28	8	5	33	26	3	12
K-97-4 1700W	1	1.2	49	387	1.3	738	124	6	18	3	3	2539	4.35	0.01	6	73	50	8	5	42	25	3	14
K-97-4 1725W	8	1.5	40	316	0.8	717	85	3	19	3	3	1293	3.77	0.01	8	60	31	8	3	48	24	3	16
K-97-4 1750W	10	3.9	48	158	0.2	397	73	3	30	3	3	303	3.70	0.01	8	50	11	8	2	121	14	3	19
KN-L8 400E	1	0.6	115	433	3.1	154	63	8	20	3	4	1077	4.97	0.01	4	39	25	8	16	23	113	3	17
KN-L8 D 425E	1	0.6	130	475	2.5	159	85	8	22	3	3	773	5.02	0.01	3	38	20	8	13	20	95	3	18
KN-L8 D 450E	1	0.5	63	275	0.7	290	41	6	19	3	3	403	3.78	0.01	5	26	10	8	2	20	83	3	21
KN-L8 475E	1	0.5	60	300	2.3	240	51	15	30	5	3	873	4.59	0.01	4	46	16	8	14	35	101	3	22
KN-L8 500E	1	0.4	56	214	0.8	201	30	12	23	3	3	475	4.00	0.01	2	23	8	8	5	24	175	3	15
KN-L8 525E	1	0.5	59	263	1.9	181	44	12	28	4	3	889	4.54	0.01	3	38	14	8	14	31	117	3	19
KN-L8 550E	1	0.3	24	71	0.6	164	14	4	6	3	3	345	1.72	0.01	1	11	5	8	2	26	60	3	17
KN-L8 575E	1	0.7	48	283	3.3	189	56	11	30	4	3	626	3.59	0.01	5	52	13	8	5	44	49	3	32
KN-L8 600E	1	0.5	55	204	1.7	229	37	11	25	4	3	346	2.96	0.01	4	34	8	8	4	39	59	3	28
KN-L8 625E	1	0.5	37	255	2.0	212	35	7	22	3	3	439	2.72	0.01	4	36	9	8	3	61	36	3	21
KN-L8 650E	1	0.3	30	166	0.6	345	44	7	15	4	3	153	2.50	0.01	10	41	9	8	2	46	13	3	20
KN-L8 675E	1	0.3	26	163	0.5	157	38	5	15	3	3	214	2.29	0.01	4	35	8	8	2	33	8	3	14

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Mn ppm	Fe %	Ti %	Cr ppm	Ni ppm	Co ppm	U ppm	Th ppm	Sr ppm	La ppm	B ppm	V ppm
KN-L8 700E	2	1.1	54	264	1.2	143	54	6	29	13	3	440	3.29	0.01	7	62	15	8	2	48	8	3	22
KN-L8 725E	1	1.1	58	203	1.1	150	52	10	42	7	3	671	4.50	0.01	10	84	25	8	4	65	9	3	57
KN-L8 750E	1	0.7	31	113	0.4	141	34	5	24	5	3	752	3.70	0.01	7	56	21	8	6	77	11	3	32
KN-L8 775E	1	0.5	30	79	0.3	133	30	3	11	3	3	639	3.83	0.01	7	33	18	8	5	85	18	3	24
KN-L8 800E	1	0.5	34	71	0.4	151	32	3	14	3	3	599	3.53	0.01	9	34	16	8	10	118	16	3	28
KN-L8 825E	1	0.5	40	126	0.5	108	32	2	12	3	3	740	3.69	0.01	5	35	19	8	7	99	16	3	21
KN-L8 850E	1	0.5	42	149	0.6	118	32	3	16	3	3	752	3.70	0.01	6	38	19	8	7	126	14	3	23
KN-L8 875E	1	0.7	62	190	0.7	145	42	4	25	3	4	547	3.76	0.01	8	49	20	8	5	130	12	3	31
KN-L8 900E	1	0.3	37	115	0.5	143	42	3	20	3	3	720	4.31	0.01	8	39	19	8	2	31	11	3	22
KN-L8 925E	1	0.4	42	136	0.5	148	33	3	25	3	3	845	4.11	0.01	6	39	20	8	3	64	10	3	23
KN-L8 950E	1	0.3	18	55	0.3	93	53	1	24	3	3	713	3.56	0.01	3	31	25	8	8	110	6	3	8
KN-L8 975E	1	0.4	45	125	0.4	131	51	2	23	3	3	808	4.40	0.01	6	39	22	8	3	56	10	3	18
KN-L8 1000E	1	0.5	68	201	0.6	187	40	4	20	3	3	640	4.44	0.01	7	42	18	8	2	29	11	3	27
KN-L8 1025E	1	0.4	35	124	0.5	96	69	1	28	3	3	1163	5.37	0.01	6	42	28	8	5	31	14	3	12
KN-L8 1050E	1	0.3	25	80	0.2	81	40	1	22	3	3	373	4.04	0.01	4	27	19	8	3	41	10	3	9
KN-L8 1075E	1	0.3	22	63	0.2	82	41	1	30	3	3	497	3.91	0.01	6	27	17	8	2	19	7	3	10
KN-L8 1100E	1	0.3	27	77	0.5	93	28	1	12	3	3	377	2.99	0.01	7	23	12	8	2	41	6	3	9
KN-L9 500E	4	0.3	30	223	3.7	256	57	7	19	4	3	341	2.88	0.01	8	63	18	8	2	59	35	3	21
KN-L9 525E	1	0.3	27	198	2.7	217	33	9	22	3	3	738	2.93	0.01	7	27	8	8	8	25	126	3	26
KN-L9 550E	1	0.7	56	311	4.7	241	62	13	34	7	3	784	3.82	0.01	6	54	13	8	10	51	59	3	39
KN-L9 575E	1	0.5	49	283	4.1	351	42	6	22	5	3	321	3.01	0.01	7	50	10	8	2	63	39	3	25
KN-L9 600E	1	0.3	47	281	2.6	305	34	8	24	5	4	505	3.00	0.01	7	40	10	8	2	63	51	3	26
KN-L9 625E	2	0.3	38	192	1.6	297	44	7	21	4	3	291	2.58	0.01	8	42	10	8	2	96	16	3	21
KN-L9 650E	2	0.3	36	194	1.8	441	70	9	27	6	3	315	3.18	0.01	11	58	13	8	2	72	13	3	28
KN-L9 675E	1	0.3	31	200	1.2	199	47	7	19	5	3	307	2.89	0.01	7	50	12	8	2	36	15	3	18
KN-L9 700E	3	1.1	59	236	1.9	250	55	8	27	13	4	408	3.15	0.01	12	58	14	8	2	49	12	3	27
KN-L9 725E	1	0.6	40	70	1.1	105	37	2	27	9	3	787	3.55	0.01	11	62	24	8	3	51	8	3	16
KN-L9 775E	2	0.3	19	58	0.9	91	20	2	13	3	3	911	3.30	0.01	5	31	14	8	7	98	9	3	16
KN-L9 800E	3	0.9	43	78	1.0	132	39	4	16	4	3	1040	4.19	0.01	11	40	17	8	7	62	17	3	36
KN-L9 825E	2	0.3	31	89	1.1	94	28	2	11	4	3	805	3.58	0.01	8	31	18	8	11	140	21	3	15
KN-L9 850E	4	0.6	52	124	1.6	200	37	4	17	4	4	953	4.11	0.01	15	40	18	8	8	133	19	3	31
KN-L9 875E	2	1.0	94	188	1.7	144	45	4	21	3	3	928	4.26	0.01	12	46	21	8	11	136	18	3	37
KN-L9 900E	1	0.9	64	156	1.4	195	44	5	17	5	3	563	3.57	0.01	10	47	17	8	8	163	15	3	38
KN-L9 925E	1	0.9	88	221	1.4	164	44	7	41	5	4	674	3.88	0.01	11	53	18	8	8	149	15	3	50
KN-L9 950E	1	0.9	79	221	1.9	147	43	6	17	4	3	579	3.83	0.01	12	59	19	8	8	139	13	3	47

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Mn ppm	Fe %	Ti %	Cr ppm	Ni ppm	Co ppm	U ppm	Th ppm	Sr ppm	La ppm	B ppm	V ppm
KN-L9 975E	1	0.6	64	191	1.2	208	42	4	15	3	3	580	3.82	0.01	10	54	22	8	4	46	14	3	29
KN-L9 1025E	3	0.3	14	40	0.5	56	28	1	27	3	3	1159	4.94	0.01	6	32	24	8	8	70	13	3	12
KN-L9 1075E	1	0.3	24	111	0.4	76	40	2	23	3	3	280	3.68	0.01	8	40	21	8	5	62	8	3	9
KN-L9 1100E	1	0.3	21	85	0.7	71	41	1	41	3	3	347	3.64	0.01	7	39	22	8	10	89	8	3	8
KW-1 D 475E	1	0.3	10	75	0.5	138	7	1	5	3	3	118	1.31	0.02	9	8	4	8	2	16	7	3	15
KW-1 525E	1	0.3	25	53	0.2	49	18	1	11	3	3	290	2.30	0.02	14	20	9	8	2	10	19	3	20
KW-1 550E	1	0.3	41	77	0.2	89	22	2	18	3	3	417	3.23	0.01	23	30	11	8	2	13	22	3	27
KW-1 575E	1	0.3	3	6	0.2	18	1	1	2	3	3	26	0.39	0.01	2	1	1	8	2	9	1	3	8
KW-1 600E	1	0.3	21	33	0.2	44	8	2	10	3	3	134	1.96	0.01	13	12	5	8	2	6	14	3	25
KW-1 625E	1	0.3	19	61	0.2	75	10	1	7	3	3	355	2.47	0.02	21	19	8	8	2	9	19	3	27
KW-1 650E	1	0.3	33	64	0.2	84	15	2	11	3	3	515	3.27	0.02	26	19	12	8	2	10	21	3	33
KW-1 675E	1	0.6	98	380	1.4	100	43	3	34	5	6	947	4.98	0.02	26	68	22	8	5	15	31	3	44
KW-1 700E	1	0.3	24	59	0.2	45	18	1	14	3	3	228	3.03	0.04	26	29	10	8	2	9	21	3	33
KW-1 725E	1	0.3	41	112	0.2	60	12	2	11	3	3	234	2.25	0.04	11	19	8	8	4	10	15	3	27
KW-1 750E	1	0.3	11	19	0.2	24	6	1	3	3	3	50	1.08	0.01	10	7	3	8	2	6	12	3	19
KW-1 775E	1	0.3	39	179	0.2	127	31	3	22	3	3	547	4.54	0.02	31	53	19	8	2	10	29	3	40
KW-1 800E	1	0.3	12	11	0.2	39	1	1	3	3	3	41	0.65	0.01	8	4	1	8	2	6	12	3	15
KW-1 825E	1	0.3	21	51	0.2	42	9	3	15	3	3	151	2.80	0.02	18	16	6	8	2	5	15	3	37
KW-1 850E	3	0.3	10	24	0.2	40	8	1	5	3	3	124	1.30	0.02	10	8	4	8	2	8	9	3	17
KW-1 875E	1	0.3	17	25	0.2	42	7	1	8	3	3	72	1.79	0.01	16	10	4	8	2	6	13	3	25
KW-1 900E	1	0.3	23	85	0.3	78	12	2	38	3	3	897	2.77	0.02	21	19	9	8	2	8	15	3	29
KW-1 925E	1	0.3	13	29	0.2	71	3	1	7	3	3	70	1.23	0.01	10	6	3	8	2	8	12	3	19
KW-1 950E	1	0.3	26	93	0.5	51	17	1	10	3	3	598	3.05	0.02	24	21	10	8	2	28	22	3	26
KW-1 975E	1	0.3	36	89	0.2	52	37	4	30	3	3	436	4.63	0.01	22	39	17	8	2	6	17	3	27
KW-1 1000E	1	0.3	29	45	0.2	82	11	2	14	3	3	195	2.93	0.01	17	13	6	8	2	6	14	3	35
KW-2 500E	2	0.3	89	121	0.3	113	31	4	35	3	3	682	4.59	0.01	19	40	22	8	2	10	18	3	20
KW-2 525E	1	0.3	46	94	0.2	51	28	3	24	4	3	566	3.45	0.01	23	34	18	8	2	8	22	3	28
KW-2 550E	1	0.3	14	56	0.2	71	12	1	10	3	3	224	2.10	0.02	18	19	7	10	2	10	12	3	22
KW-2 575E	1	0.3	22	80	0.2	52	33	3	17	3	3	449	3.21	0.03	25	37	14	8	2	8	23	3	31
KW-2 600E	1	0.3	19	88	1.2	114	12	1	7	3	3	479	1.32	0.01	5	11	4	8	2	39	12	3	10
KW-2 625E	3	0.3	16	11	0.2	31	4	1	3	3	3	37	0.95	0.01	9	4	2	8	2	5	13	3	18
KW-2 650E	8	0.3	21	38	0.3	48	12	1	12	3	4	158	2.31	0.01	12	13	6	8	2	5	12	3	22
KW-2 675E	1	0.3	31	89	0.2	88	22	1	18	3	3	566	3.37	0.02	22	33	13	8	2	15	21	3	26
KW-2 700E	1	0.3	45	89	0.7	51	13	1	15	3	3	524	2.73	0.02	14	18	11	8	2	8	10	3	23
KW-2 725E	1	0.3	85	177	0.8	60	33	2	21	3	3	619	4.15	0.02	19	45	16	8	4	33	25	3	24

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Mn ppm	Fe %	Ti %	Cr ppm	Ni ppm	Co ppm	U ppm	Th ppm	Sr ppm	La ppm	B ppm	V ppm
KW-2 750E	1	0.6	128	334	1.1	102	50	5	34	3	3	572	4.04	0.03	21	57	18	8	5	27	20	3	44
KW-2 775E	1	0.3	13	30	0.2	111	6	1	4	3	3	211	1.08	0.01	7	8	3	8	2	13	9	3	20
KW-2 800E	3	0.3	72	156	0.4	118	13	1	10	3	3	400	2.28	0.01	14	22	8	8	2	13	12	3	28
KW-2 825E	4	0.3	47	107	0.2	106	12	3	14	3	3	341	3.47	0.02	20	21	9	10	2	8	16	3	38
KW-2 850E	5	0.3	30	77	0.2	45	10	2	12	3	4	349	2.92	0.02	17	18	8	8	2	6	15	3	32
KW-2 875E	1	0.3	71	188	0.3	134	30	4	32	3	3	636	4.13	0.01	25	43	15	8	4	8	21	3	38
KW-2 900E	1	0.3	60	152	0.3	67	27	3	24	3	3	467	3.94	0.02	23	41	14	8	2	8	18	3	34
KW-2 925E	1	0.3	31	72	0.2	79	11	3	16	3	3	137	2.24	0.01	13	16	6	8	2	6	12	3	28
KW-2 950E	2	0.3	28	56	0.2	39	10	2	9	3	3	81	1.67	0.01	9	13	5	8	2	4	10	3	19
KW-2 975E	1	0.3	22	43	0.5	41	5	1	5	3	3	348	1.53	0.01	9	8	5	8	2	6	7	3	17
KW-2 1000E	1	0.3	37	98	0.9	76	13	1	9	3	3	772	2.25	0.01	14	10	11	8	2	9	11	3	25

PIONEER LABORATORIES INC. 5-730 EATON WAY NEW WESTMINSTER, BC CANADA V3M 6J9 TELEPHONE (604) 522-3830

GEOCHEMICAL ANALYSIS CERTIFICATE

AMERLIN EXPLORATION
Project:
Report No. 9712296
Sample Type: Soils
Date: September 16, 1997

Multi-element ICP Analysis - .500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with Water. This leach is partial for Mn, Fe, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K and Al. Detection Limit for Au is 3 ppm.
*Au Analysis- 10 gram sample is digested with aqua regia, MIBK extracted, graphite furnace AA finished to 1 ppb detection.

SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
K-97-1 1000W	0.52	0.01	0.09	0.89	0.11	0.150
K-97-1 1025W	1.06	0.01	0.17	0.84	0.28	0.110
K-97-1 1050W	0.70	0.01	0.11	0.77	0.17	0.115
K-97-1 1075W	0.76	0.01	0.15	0.56	0.18	0.115
K-97-1 1100W	0.73	0.01	0.11	0.55	0.13	0.114
K-97-1 1125W	0.56	0.01	0.11	0.53	0.10	0.090
K-97-1 1150W	0.37	0.01	0.16	0.33	0.06	0.087
K-97-1 1175W	0.15	0.01	0.14	0.44	0.06	0.088
K-97-1 1200W	0.24	0.01	0.12	0.49	0.09	0.087
K-97-1 1225W	0.11	0.01	0.10	0.44	0.05	0.074
K-97-1 1250W	0.23	0.01	0.10	0.48	0.06	0.073
K-97-1 1275W	0.25	0.01	0.11	0.47	0.06	0.069
K-97-1 1300W	0.19	0.01	0.10	0.40	0.07	0.073
K-97-1 1310W	0.24	0.01	0.11	0.41	0.07	0.077
K-97-1 1325W	0.27	0.01	0.14	1.51	0.12	0.214
K-97-1 1350W	0.59	0.02	0.19	1.36	0.79	0.126
K-97-1 1375W	0.51	0.01	0.17	0.49	0.20	0.146
K-97-1 1400W	0.42	0.01	0.15	0.48	0.13	0.115

SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
K-97-1 1425W	0.01	0.01	0.26	0.12	0.01	0.096
K-97-1 1450W	0.14	0.01	0.46	0.35	0.09	0.139
K-97-1 1475W	0.54	0.03	0.12	1.20	0.75	0.121
K-97-1 1500W	0.39	0.01	0.40	0.74	0.52	0.218
K-97-1 1525W	0.50	0.02	0.11	0.85	0.17	0.154
K-97-1 1550W	0.76	0.01	0.17	0.76	0.25	0.128
K-97-1 1575W	0.83	0.01	0.16	0.75	0.21	0.126
K-97-1 1600W	0.99	0.01	0.14	0.79	0.42	0.137
K-97-2 1000W	0.32	0.01	0.15	0.56	0.06	0.157
K-97-2 1025W	1.14	0.01	0.10	0.54	0.11	0.129
K-97-2 1050W	0.29	0.01	0.30	0.41	0.06	0.106
K-97-2 1075W	0.69	0.01	0.14	0.66	0.09	0.101
K-97-2 1100W	1.28	0.01	0.15	0.73	0.20	0.136
K-97-2 1125W	0.11	0.01	0.12	0.29	0.03	0.054
K-97-2 1150W	0.64	0.02	0.23	0.76	0.20	0.116
K-97-2 1175W	0.66	0.02	0.16	0.64	0.19	0.116
K-97-2 1200W	1.09	0.01	0.13	0.75	0.30	0.117
K-97-2 1225W	1.07	0.06	0.46	1.94	2.31	0.138
K-97-2 1250W	0.66	0.02	0.16	0.56	0.23	0.119
K-97-2 1275W	1.07	0.02	0.13	0.67	0.41	0.135
K-97-2 1300W	0.54	0.01	0.14	0.35	0.14	0.174
K-97-2 1325W	0.64	0.01	0.16	0.67	0.15	0.142
K-97-2 1350W	1.20	0.01	0.06	0.92	0.18	0.151
K-97-2 1375W	1.13	0.01	0.17	0.49	0.15	0.119
K-97-2 1400W	0.47	0.01	0.18	0.44	0.12	0.116
K-97-2 1425W	0.51	0.01	0.18	0.46	0.16	0.133
K-97-2 1450W	0.66	0.01	0.17	0.54	0.26	0.163
K-97-2 1475W	0.70	0.01	0.16	0.53	0.29	0.168
K-97-2 1500W	0.85	0.01	0.18	0.77	0.33	0.155
K-97-2 1550W	0.31	0.01	0.14	0.33	0.08	0.160
K-97-2 1575W	1.22	0.01	0.23	3.83	2.52	0.233
K-97-2 1600W	0.98	0.01	0.20	2.56	1.38	0.236
K-97-3 1000W	1.17	0.01	0.19	0.62	0.13	0.109
K-97-3 1025W	0.73	0.02	0.23	0.42	0.09	0.112
K-97-3 1050W	0.61	0.01	0.15	0.81	0.26	0.115

SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
K-97-3 1075W	0.79	0.03	0.15	0.91	0.33	0.103
K-97-3 1100W	0.55	0.02	0.20	0.73	0.13	0.132
K-97-3 1125W	0.52	0.03	0.17	0.75	0.23	0.106
K-97-3 1150W	1.18	0.03	0.16	0.94	0.48	0.116
K-97-3 1175W	1.38	0.01	0.14	0.76	0.43	0.120
K-97-3 1200W	0.85	0.02	0.15	0.80	0.33	0.109
K-97-3 1225W	0.65	0.02	0.16	0.59	0.22	0.123
K-97-3 1250W	0.92	0.02	0.14	0.82	0.46	0.118
K-97-3 1275W	0.43	0.01	0.15	0.43	0.16	0.116
K-97-3 1300W	0.69	0.01	0.19	0.45	0.11	0.145
K-97-3 1325W	0.59	0.01	0.16	0.40	0.15	0.172
K-97-3 1350W	0.83	0.01	0.17	0.55	0.15	0.147
K-97-3 1375W	0.69	0.01	0.20	0.48	0.12	0.128
K-97-3 1425W	0.70	0.01	0.21	0.64	0.22	0.142
K-97-3 1450W	0.60	0.01	0.16	0.68	0.26	0.165
K-97-3 1475W	0.72	0.01	0.14	0.66	0.30	0.162
K-97-3 1500W	0.62	0.01	0.13	0.76	0.35	0.175
K-97-3 1525W	0.81	0.01	0.21	0.71	0.30	0.217
K-97-3 1550W	0.88	0.01	0.16	0.52	0.15	0.122
K-97-3 1575W	0.30	0.01	0.19	0.44	0.09	0.109
K-97-3 1600W	0.39	0.01	0.16	0.56	0.17	0.133
K-97-3 1625W	0.27	0.01	0.19	0.62	0.14	0.112
K-97-3 1650W	0.30	0.01	0.25	0.59	0.17	0.141
K-97-3 1675W	0.47	0.01	0.26	0.62	0.16	0.189
K-97-3 1700W	0.28	0.23	0.55	0.26	0.08	0.168
K-97-3 1725W	0.85	0.01	0.14	0.34	0.21	0.147
K-97-4 1000W	0.40	0.02	0.15	0.54	0.15	0.108
K-97-4 1025W	0.91	0.03	0.15	0.92	0.44	0.105
K-97-4 1050W	0.55	0.03	0.20	0.95	0.40	0.114
K-97-4 1075W	0.89	0.02	0.15	0.87	0.28	0.118
K-97-4 1100W	0.32	0.03	0.18	0.59	0.21	0.107
K-97-4 1125W	0.63	0.04	0.17	1.12	0.57	0.114
K-97-4 1150W	1.25	0.01	0.16	0.88	0.32	0.115
K-97-4 1175W	0.68	0.07	0.18	0.77	0.21	0.115
K-97-4 1200W	0.65	0.06	0.15	0.92	0.37	0.104

SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
K-97-4 1225W	0.34	0.01	0.13	0.31	0.05	0.107
K-97-4 1250W	0.67	0.01	0.18	0.40	0.14	0.130
K-97-4 1275W	0.62	0.01	0.17	0.33	0.19	0.138
K-97-4 1300W	0.79	0.01	0.16	0.41	0.14	0.137
K-97-4 1310W	0.83	0.01	0.16	0.43	0.14	0.143
K-97-4 1325W	0.97	0.01	0.19	0.44	0.16	0.119
K-97-4 1350W	1.04	0.01	0.16	0.46	0.16	0.121
K-97-4 1375W	0.76	0.01	0.17	0.44	0.17	0.104
K-97-4 1400W	1.58	0.01	0.12	0.52	0.25	0.118
K-97-4 1425W	1.47	0.01	0.12	0.54	0.25	0.115
K-97-4 1450W	1.15	0.01	0.12	0.71	0.35	0.139
K-97-4 1475W	1.07	0.01	0.14	0.70	0.31	0.118
K-97-4 1500W	1.01	0.01	0.18	0.63	0.18	0.114
K-97-4 1525W	1.01	0.01	0.21	0.58	0.12	0.103
K-97-4 1550W	1.12	0.01	0.22	0.56	0.11	0.116
K-97-4 1575W	0.81	0.01	0.15	0.48	0.11	0.118
K-97-4 1600W	0.35	0.01	0.18	0.47	0.10	0.128
K-97-4 1625W	0.32	0.01	0.24	0.52	0.11	0.121
K-97-4 1650W	0.42	0.01	0.14	0.36	0.10	0.150
K-97-4 1675W	0.29	0.01	0.25	0.40	0.06	0.102
K-97-4 1700W	0.37	0.01	0.15	0.41	0.08	0.117
K-97-4 1725W	0.44	0.01	0.14	0.45	0.09	0.113
K-97-4 1750W	0.29	0.01	0.20	0.67	0.05	0.136
KN-L8 400E	0.18	0.01	0.07	0.49	0.13	0.086
KN-L8 D 425E	0.22	0.01	0.05	0.49	0.12	0.087
KN-L8 D 450E	0.31	0.01	0.08	0.74	0.09	0.080
KN-L8 475E	0.18	0.01	0.06	0.41	0.08	0.107
KN-L8 500E	0.20	0.01	0.04	0.44	0.06	0.089
KN-L8 525E	0.18	0.01	0.05	0.40	0.08	0.103
KN-L8 550E	0.34	0.02	0.04	0.65	0.07	0.080
KN-L8 575E	0.23	0.01	0.06	0.42	0.09	0.131
KN-L8 600E	0.29	0.01	0.06	0.39	0.09	0.109
KN-L8 625E	1.70	0.01	0.03	0.32	0.84	0.106
KN-L8 650E	0.40	0.01	0.06	0.44	0.16	0.097
KN-L8 675E	0.25	0.01	0.03	0.33	0.11	0.094

SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
KN-L8 700E	1.48	0.01	0.02	0.37	0.74	0.122
KN-L8 725E	2.36	0.01	0.04	0.28	1.00	0.194
KN-L8 750E	5.27	0.01	0.03	0.27	1.66	0.148
KN-L8 775E	2.83	0.01	0.03	0.34	0.56	0.181
KN-L8 800E	5.40	0.01	0.04	0.28	1.06	0.194
KN-L8 825E	5.11	0.01	0.03	0.31	0.85	0.157
KN-L8 850E	5.21	0.01	0.02	0.33	0.73	0.168
KN-L8 875E	4.40	0.01	0.04	0.28	0.50	0.247
KN-L8 900E	1.06	0.01	0.02	0.36	0.33	0.103
KN-L8 925E	2.34	0.01	0.03	0.33	0.56	0.134
KN-L8 950E	10.62	0.01	0.02	0.16	0.45	0.063
KN-L8 975E	2.34	0.01	0.03	0.35	0.35	0.098
KN-L8 1000E	0.59	0.01	0.03	0.49	0.13	0.104
KN-L8 1025E	0.88	0.01	0.04	0.31	0.22	0.088
KN-L8 1050E	1.34	0.01	0.04	0.37	0.22	0.100
KN-L8 1075E	0.58	0.01	0.02	0.46	0.11	0.080
KN-L8 1100E	1.51	0.01	0.05	0.49	0.14	0.105
KN-L9 500E	0.62	0.01	0.11	0.44	0.11	0.103
KN-L9 525E	0.23	0.01	0.13	0.51	0.09	0.086
KN-L9 550E	0.24	0.01	0.08	0.49	0.11	0.130
KN-L9 575E	1.17	0.01	0.04	0.35	0.47	0.112
KN-L9 600E	1.34	0.01	0.06	0.40	0.59	0.104
KN-L9 625E	2.41	0.01	0.04	0.35	1.27	0.098
KN-L9 650E	0.85	0.01	0.07	0.55	0.33	0.125
KN-L9 675E	0.24	0.01	0.04	0.41	0.14	0.104
KN-L9 700E	0.75	0.01	0.09	0.46	0.31	0.109
KN-L9 725E	4.41	0.01	0.03	0.28	2.49	0.097
KN-L9 775E	7.90	0.01	0.03	0.22	2.23	0.103
KN-L9 800E	2.36	0.01	0.05	0.34	1.03	0.179
KN-L9 825E	9.35	0.01	0.04	0.31	1.28	0.134
KN-L9 850E	4.85	0.02	0.14	0.47	1.46	0.206
KN-L9 875E	4.75	0.01	0.07	0.37	0.60	0.292
KN-L9 900E	5.84	0.01	0.07	0.35	1.02	0.287
KN-L9 925E	4.56	0.01	0.07	0.34	1.04	0.292
KN-L9 950E	4.36	0.01	0.06	0.30	1.20	0.281

SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
KN-L9 975E	1.45	0.01	0.10	0.49	0.56	0.134
KN-L9 1025E	3.16	0.01	0.03	0.26	0.48	0.074
KN-L9 1075E	2.42	0.01	0.05	0.39	0.31	0.076
KN-L9 1100E	5.44	0.01	0.04	0.30	0.58	0.065
KW-1 D 475E	0.73	0.03	0.03	0.80	0.20	0.120
KW-1 525E	0.15	0.02	0.02	0.99	0.31	0.067
KW-1 550E	0.24	0.01	0.03	1.34	0.49	0.084
KW-1 575E	0.15	0.03	0.02	0.27	0.05	0.028
KW-1 600E	0.04	0.01	0.02	0.79	0.20	0.046
KW-1 625E	0.11	0.01	0.03	1.23	0.38	0.056
KW-1 650E	0.13	0.01	0.03	1.32	0.30	0.075
KW-1 675E	0.76	0.01	0.07	1.44	1.48	0.125
KW-1 700E	0.13	0.01	0.03	1.19	0.50	0.054
KW-1 725E	0.21	0.02	0.04	0.98	0.41	0.063
KW-1 750E	0.05	0.02	0.03	0.56	0.14	0.031
KW-1 775E	0.22	0.01	0.04	1.71	0.84	0.088
KW-1 800E	0.04	0.01	0.03	0.58	0.11	0.038
KW-1 825E	0.04	0.01	0.02	0.98	0.39	0.054
KW-1 850E	0.12	0.01	0.03	0.79	0.18	0.055
KW-1 875E	0.04	0.01	0.02	0.89	0.22	0.043
KW-1 900E	0.13	0.01	0.03	1.17	0.43	0.086
KW-1 925E	0.08	0.01	0.02	0.67	0.17	0.035
KW-1 950E	1.01	0.01	0.03	1.43	0.45	0.122
KW-1 975E	0.06	0.01	0.06	1.01	0.56	0.087
KW-1 1000E	0.05	0.01	0.02	1.20	0.30	0.042
KW-2 500E	0.52	0.01	0.03	1.05	0.62	0.071
KW-2 525E	0.13	0.01	0.04	1.23	0.50	0.093
KW-2 550E	0.18	0.01	0.04	1.08	0.35	0.061
KW-2 575E	0.10	0.01	0.04	1.27	0.50	0.070
KW-2 600E	0.83	0.03	0.03	1.02	0.15	0.104
KW-2 625E	0.04	0.01	0.02	0.64	0.11	0.039
KW-2 650E	0.04	0.01	0.02	0.86	0.22	0.061
KW-2 675E	0.39	0.01	0.04	1.19	0.45	0.105
KW-2 700E	0.13	0.01	0.03	0.78	0.31	0.075
KW-2 725E	2.50	0.01	0.04	1.00	1.45	0.104

SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
KW-2 750E	3.09	0.01	0.05	1.22	2.60	0.105
KW-2 775E	0.38	0.02	0.03	0.69	0.20	0.065
KW-2 800E	0.40	0.01	0.04	1.00	0.49	0.064
KW-2 825E	0.10	0.01	0.04	1.16	0.57	0.068
KW-2 850E	0.06	0.01	0.03	0.91	0.43	0.045
KW-2 875E	0.21	0.01	0.04	1.42	0.85	0.092
KW-2 900E	0.14	0.01	0.04	1.27	0.72	0.082
KW-2 925E	0.05	0.01	0.03	0.98	0.36	0.060
KW-2 950E	0.05	0.01	0.02	0.70	0.28	0.046
KW-2 975E	0.07	0.02	0.03	0.80	0.23	0.067
KW-2 1000E	0.12	0.01	0.03	1.25	0.24	0.111

PIONEER LABORATORIES INC. 5-730 EATON WAY NEW WESTMINSTER, BC CANADA V3M 6J9 TELEPHONE (604) 522-3830

GEOCHEMICAL ANALYSIS CERTIFICATE

AMERLIN EXPLORATION
Project:
Report No. 9712297
Sample Type: Soils
Date: September 22, 1997

Multi-element ICP Analysis - .500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with Water. This leach is partial for Mn, Fe, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K and Al. Detection Limit for Au is 3 ppm.
*Au Analysis- 10 gram sample is digested with aqua regia, MIBK extracted, graphite furnace AA finished to 1 ppb detection.

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Mn ppm	Fe %	Ti %	Cr ppm	Ni ppm	Co ppm	U ppm	Th ppm	Sr ppm	La ppm	B ppm	V ppm
KE-97-5 1000E	2	0.5	23	147	0.2	755	40	3	7	3	3	569	5.33	0.01	3	31	23	8	2	83	14	3	35
KE-97-5 1050E	2	0.9	38	172	0.3	324	56	3	15	5	3	273	3.60	0.01	5	44	18	8	2	99	12	3	27
KE-97-5 1100E	3	0.6	40	340	0.6	410	43	3	9	3	4	365	3.96	0.01	11	42	18	8	2	90	16	3	28
KE-97-5 1150E	120	1.2	39	294	1.2	284	55	3	10	3	3	234	3.39	0.01	6	49	15	8	2	108	9	3	22
KE-97-5 1200E	4	0.9	30	269	0.9	329	61	4	20	3	3	195	3.07	0.01	7	57	15	8	2	92	6	3	22
KE-97-5 1250E	3	0.6	22	103	0.4	167	27	2	5	3	3	120	1.56	0.01	3	19	6	8	2	52	5	3	15
KE-97-5 1300E	5	0.3	18	179	0.4	133	32	3	11	3	3	145	1.92	0.01	5	34	11	8	2	35	4	3	17
KE-97-5 1350E	1	0.6	26	116	0.3	152	42	3	10	4	3	63	1.71	0.01	1	28	9	8	2	81	5	3	13
KE-97-5 1400E	2	0.5	16	230	0.7	216	40	3	11	3	3	39	1.82	0.01	3	38	8	8	2	64	5	3	14
KE-97-5 1450E	3	0.9	35	148	0.4	281	39	5	25	7	3	72	1.86	0.01	4	32	6	8	6	220	2	3	25
KE-97-5 1500E	4	0.3	45	27	0.2	153	21	2	19	5	3	7	1.60	0.01	4	6	1	8	2	47	8	3	20
KE-97-5 1510E	2	0.3	50	31	0.2	175	21	3	20	5	3	12	1.93	0.01	4	7	2	8	2	53	6	3	23
KE-97-5 1550E	3	0.3	19	134	0.3	202	33	3	10	3	3	77	1.99	0.01	5	25	6	8	2	53	8	3	19
KE-97-5 1600E	1	0.4	19	123	0.2	453	37	4	13	3	5	782	4.17	0.01	6	29	19	8	2	116	18	3	26
KE-97-5 1650E	2	0.4	21	70	0.2	304	34	3	8	3	3	50	1.23	0.01	3	18	5	8	2	53	15	3	23
KE-97-5 1700E	1	0.5	23	70	0.2	525	43	4	9	3	3	46	1.44	0.01	3	20	4	8	5	64	14	3	23
KE-97-5 1750E	1	0.4	19	151	0.7	239	32	3	5	3	3	37	1.20	0.01	1	21	5	8	4	52	11	3	11
KE-97-5 TL 1750 D50	3	0.3	19	176	0.5	289	39	3	8	3	4	48	2.03	0.01	2	31	6	8	4	60	8	3	16

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Mn ppm	Fe %	Ti %	Cr ppm	Ni ppm	Co ppm	U ppm	Th ppm	Sr ppm	La ppm	B ppm	V ppm
KE-97-5 TL 1750ED150	1	0.3	25	157	0.5	195	45	3	6	3	3	140	2.33	0.01	4	32	11	8	2	52	8	3	25
KE-97-5 D 1800E	1	0.4	24	292	1.1	136	58	4	12	4	3	290	2.81	0.01	7	54	16	8	3	64	9	3	22
KE-97-5 1850E	1	0.4	26	158	0.5	88	37	3	10	3	3	210	2.33	0.01	10	36	11	8	2	37	6	3	25
KE-97-5 1900E	1	0.3	22	208	0.3	315	36	3	5	3	3	182	2.73	0.01	30	62	13	8	2	83	13	3	41
KE-97-5 1950E	3	0.3	21	174	0.9	107	36	3	6	3	3	57	1.90	0.01	4	35	8	8	2	90	4	3	16
KE-97-5 2000E	1	0.3	26	129	0.2	212	32	2	9	3	6	220	2.43	0.01	9	28	10	8	2	100	7	3	22
KE-97-5 2100E	3	0.5	52	187	0.3	183	49	3	18	3	3	317	3.45	0.01	8	43	16	8	2	84	11	3	25
KE-97-5 2150E	5	0.8	48	301	0.8	220	65	4	20	10	6	219	3.57	0.01	8	66	17	8	3	60	6	3	29
KE-97-5 2200E	1	0.4	20	165	0.4	227	44	3	7	3	4	157	2.88	0.01	6	36	12	8	2	74	5	3	30
KE-97-5 2250E	2	1.5	83	476	1.4	266	109	5	15	4	4	188	4.88	0.01	9	99	22	8	2	253	5	3	33
KE-97-5 2300E	4	0.6	24	124	0.2	215	24	3	7	3	3	327	2.43	0.01	9	25	11	8	2	93	4	3	26
KE-97-5 2350E	2	0.4	21	139	0.4	209	32	2	6	3	3	155	1.87	0.01	5	27	8	8	2	107	3	3	17
KE-97-5 2400E	2	0.8	28	96	0.2	284	23	2	7	3	3	211	1.87	0.01	5	20	8	8	2	80	3	3	23
KE-97-5 2450E	4	0.4	24	149	0.4	293	44	4	8	3	3	172	2.81	0.01	5	38	12	8	2	116	5	3	24
KE-97-5 2500E	4	0.5	15	57	0.6	275	27	1	3	3	3	79	0.77	0.01	3	20	4	8	2	82	2	3	10
KE-97-5 2550E	2	0.3	63	135	0.2	221	16	18	7	3	6	2163	6.20	0.01	1	30	10	8	8	36	64	3	5
KE-97-5 2600E	2	0.6	38	143	0.9	254	46	7	17	6	3	387	2.95	0.01	3	37	11	8	4	110	15	3	26
KE-97-5 2650E	8	1.4	24	44	0.2	189	30	2	14	3	6	67	2.63	0.01	2	13	3	8	3	57	5	3	10
KE-97-5 2700E	28	1.5	20	64	0.2	535	35	1	9	3	3	146	1.70	0.01	2	25	4	8	2	86	9	3	6
KE-97-6 1000E	5	1.0	40	262	1.6	360	59	4	14	3	3	275	3.91	0.01	6	51	15	8	2	89	10	3	30
KE-97-6 1050E	3	1.3	31	275	1.4	469	82	3	13	3	3	230	3.55	0.01	6	66	16	8	2	124	6	3	22
KE-97-6 1100E	9	0.8	53	308	2.2	184	43	6	36	4	3	354	5.27	0.01	5	96	17	8	2	383	1	3	24
KE-97-6 1150E	5	0.6	29	331	2.1	502	62	4	11	3	3	280	3.92	0.01	11	68	18	8	2	203	7	3	30
KE-97-6 1200E	4	0.4	30	273	1.6	347	52	4	13	3	3	277	3.33	0.01	8	62	15	8	4	102	5	3	25
KE-97-6 1250E	6	0.8	23	208	1.0	220	43	3	24	3	3	93	2.57	0.01	2	46	10	8	2	83	4	3	15
KE-97-6 1300E	5	0.3	22	226	0.4	109	40	4	12	3	3	108	2.55	0.01	7	45	10	8	2	32	3	3	21
KE-97-6 1350E	6	0.8	24	248	1.3	196	71	5	33	7	3	251	3.22	0.01	3	70	16	8	3	70	4	3	19
KE-97-6 1400E	7	0.3	27	262	3.4	125	78	5	27	6	3	212	2.45	0.01	2	57	16	8	2	117	5	3	22
KE-97-6 1450E	8	0.5	27	197	1.2	160	40	4	13	4	3	88	2.10	0.01	4	39	7	8	5	79	6	3	13
KE-97-6 1500E	7	0.3	34	185	1.4	235	56	6	22	3	3	179	2.61	0.01	3	39	11	8	5	152	6	3	24
KE-97-6 1550E	1	0.3	9	33	0.2	328	9	2	15	3	3	111	1.38	0.01	1	13	4	12	23	90	5	3	3
KE-97-6 1600E	1	0.3	9	14	0.2	358	10	1	7	3	4	103	1.12	0.01	1	7	4	12	18	71	4	3	1
KE-97-6 1650E	1	0.3	86	56	0.8	543	36	32	96	10	3	42	3.29	0.01	6	19	4	8	9	267	3	3	75
KE-97-6 1700E	6	0.3	29	192	1.0	299	44	3	16	3	4	205	2.83	0.01	4	40	11	8	3	105	7	3	19
KE-97-6 1750E	1	0.4	20	215	1.1	313	39	3	12	3	3	150	2.04	0.01	2	42	10	8	3	52	17	3	12

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Mn ppm	Fe %	Ti %	Cr ppm	Ni ppm	Co ppm	U ppm	Th ppm	Sr ppm	La ppm	B ppm	V ppm
KE-97-6 1800E	1	0.5	23	130	0.6	182	33	3	8	3	3	73	1.57	0.01	4	23	5	8	2	55	5	3	19
KE-97-6 1850E	2	0.3	24	157	0.7	90	37	3	11	3	3	238	2.60	0.01	6	35	13	8	2	56	7	3	29
KE-97-6 1900E	1	0.3	26	154	0.3	67	36	4	9	3	3	127	2.68	0.01	6	38	11	8	2	33	5	3	33
KE-97-6 1950E	3	0.3	21	248	0.8	109	42	4	10	3	3	142	2.40	0.01	13	49	12	8	2	73	6	3	25
KE-97-6 2000E	2	0.3	25	165	0.3	99	34	3	10	3	3	170	2.37	0.01	6	30	10	8	2	58	4	3	25
KE-97-6 2050E	3	0.3	22	229	1.0	157	60	3	9	3	3	129	2.75	0.01	11	50	12	8	2	214	4	3	24
KE-97-6 2100E	2	0.5	27	200	1.0	218	53	3	14	3	4	133	3.04	0.01	6	42	12	8	2	146	10	3	20
KE-97-6 2150E	3	0.3	21	186	0.9	120	44	3	11	3	3	223	3.02	0.01	7	39	13	8	2	75	7	3	20
KE-97-6 2200E	3	0.5	65	188	1.2	305	47	3	23	6	3	465	3.52	0.01	9	49	17	8	2	75	10	3	25
KE-97-6 2250E	1	0.3	36	224	1.2	267	48	3	12	3	3	253	2.96	0.01	5	43	14	8	2	65	6	3	24
KE-97-6 2300E	1	0.3	47	138	0.7	305	37	3	12	3	3	243	2.47	0.01	9	35	9	8	2	78	6	3	25
KE-97-6 2350E	3	0.5	26	230	0.7	119	42	3	9	3	3	53	2.13	0.01	8	45	7	8	2	176	5	3	20
KE-97-6 2400E	1	0.5	25	128	0.5	223	27	2	7	3	3	188	2.28	0.01	11	27	9	8	2	62	6	3	28
KE-97-6 2450E	2	0.4	19	199	0.7	244	33	3	9	3	3	72	1.98	0.01	7	34	8	8	2	62	3	3	20
KE-97-6 2500E	6	0.4	20	205	1.0	203	62	2	11	3	3	244	3.13	0.01	13	61	17	8	2	114	4	3	19
KE-97-6 2550E	1	0.3	27	162	0.8	268	37	3	8	3	3	240	1.88	0.01	5	32	8	8	2	118	3	3	18
KE-97-6 2600E	3	0.3	29	142	0.5	254	38	3	8	3	3	91	2.16	0.01	3	32	8	8	2	114	3	3	18
KE-97-6 2650E	5	0.3	29	138	0.5	350	40	8	12	3	3	365	2.49	0.01	3	31	7	8	3	94	28	3	23
KE-97-6 2700E	2	0.3	89	184	1.2	218	33	15	15	3	3	1637	4.65	0.01	4	34	12	8	4	46	53	3	14

PIONEER LABORATORIES INC. 5-730 EATON WAY NEW WESTMINSTER, BC CANADA V3M 6J9

GEOCHEMICAL ANALYSIS CERTIFICATE

AMERLIN EXPLORATION
Project:
Report No. 9712297
Sample Type: Soils
Date: September 22, 1997

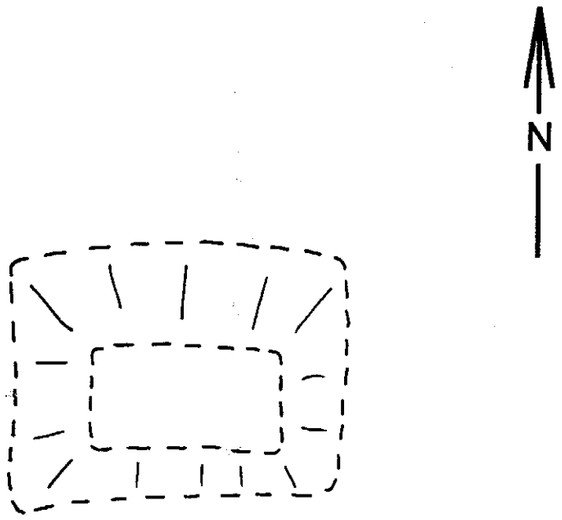
Multi-element ICP Analysis - .500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with Water. This leach is partial for Mn, Fe, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K and Al. Detection Limit for Au is 3 ppm.
*Au Analysis- 10 gram sample is digested with aqua regia, MIBK extracted, graphite furnace AA finished to 1 ppb detection.

SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
KE-97-5 1000E	0.70	0.01	0.03	1.08	0.45	0.101
KE-97-5 1050E	0.73	0.01	0.04	0.47	0.18	0.122
KE-97-5 1100E	0.61	0.01	0.04	0.61	0.25	0.104
KE-97-5 1150E	0.62	0.01	0.04	0.37	0.14	0.129
KE-97-5 1200E	0.25	0.01	0.11	0.32	0.08	0.096
KE-97-5 1250E	0.23	0.01	0.03	0.19	0.05	0.072
KE-97-5 1300E	0.05	0.01	0.14	0.25	0.02	0.054
KE-97-5 1350E	0.13	0.01	0.04	0.15	0.02	0.092
KE-97-5 1400E	0.16	0.01	0.04	0.16	0.02	0.088
KE-97-5 1450E	0.18	0.01	0.09	0.19	0.02	0.110
KE-97-5 1500E	0.05	0.01	0.03	0.29	0.03	0.063
KE-97-5 1510E	0.06	0.01	0.04	0.33	0.03	0.066
KE-97-5 1550E	0.10	0.01	0.03	0.36	0.10	0.068
KE-97-5 1600E	0.47	0.01	0.12	0.51	0.09	0.165
KE-97-5 1650E	0.10	0.01	0.05	0.25	0.02	0.070
KE-97-5 1700E	0.12	0.01	0.05	0.21	0.02	0.064
KE-97-5 1750E	0.10	0.01	0.04	0.12	0.02	0.064
KE-97-5 TL 175	0.09	0.01	0.04	0.11	0.02	0.058

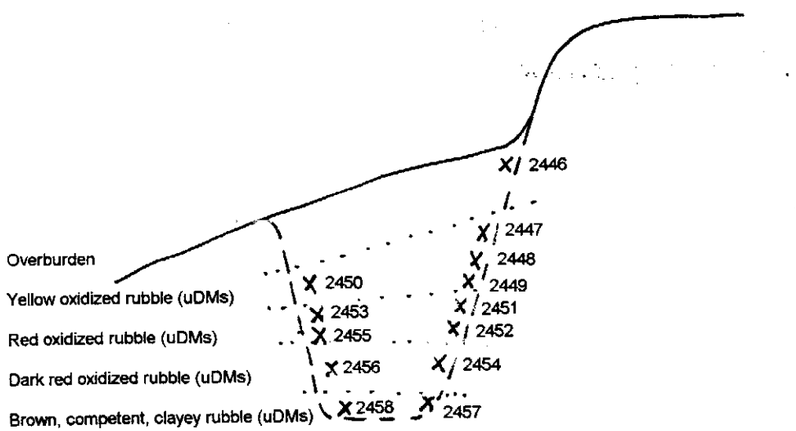
SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
KE-97-5 TL 175	0.15	0.01	0.04	0.31	0.05	0.100
KE-97-5 D 1800	0.17	0.01	0.05	0.42	0.14	0.124
KE-97-5 1850E	0.08	0.01	0.04	0.61	0.18	0.083
KE-97-5 1900E	0.21	0.01	0.05	0.89	0.51	0.097
KE-97-5 1950E	0.14	0.01	0.04	0.32	0.09	0.094
KE-97-5 2000E	0.12	0.01	0.05	0.65	0.19	0.110
KE-97-5 2100E	0.26	0.01	0.05	0.55	0.20	0.144
KE-97-5 2150E	0.18	0.01	0.04	0.49	0.11	0.125
KE-97-5 2200E	0.21	0.01	0.03	0.60	0.22	0.112
KE-97-5 2250E	0.23	0.01	0.04	0.75	0.31	0.150
KE-97-5 2300E	0.18	0.01	0.03	0.60	0.20	0.115
KE-97-5 2350E	0.19	0.01	0.04	0.33	0.09	0.079
KE-97-5 2400E	0.09	0.01	0.03	0.39	0.05	0.116
KE-97-5 2450E	0.24	0.01	0.06	0.39	0.06	0.086
KE-97-5 2500E	0.55	0.01	0.04	0.18	0.05	0.063
KE-97-5 2550E	0.15	0.01	0.09	0.25	0.07	0.069
KE-97-5 2600E	0.23	0.01	0.11	0.23	0.05	0.116
KE-97-5 2650E	0.09	0.01	0.28	0.08	0.01	0.043
KE-97-5 2700E	0.11	0.01	0.10	0.13	0.01	0.049
KE-97-6 1000E	0.45	0.01	0.04	0.48	0.17	0.156
KE-97-6 1050E	0.65	0.01	0.04	0.52	0.19	0.115
KE-97-6 1100E	1.96	0.01	0.02	0.13	0.70	0.086
KE-97-6 1150E	0.80	0.01	0.15	0.47	0.29	0.130
KE-97-6 1200E	0.26	0.01	0.13	0.33	0.09	0.111
KE-97-6 1250E	0.19	0.01	0.04	0.19	0.04	0.097
KE-97-6 1300E	0.07	0.01	0.10	0.23	0.01	0.087
KE-97-6 1350E	0.22	0.01	0.04	0.17	0.03	0.133
KE-97-6 1400E	0.12	0.01	0.04	0.15	0.02	0.110
KE-97-6 1450E	0.14	0.01	0.04	0.14	0.03	0.067
KE-97-6 1500E	0.54	0.01	0.06	0.17	0.16	0.125
KE-97-6 1550E	0.48	0.01	0.03	0.15	0.15	0.090
KE-97-6 1600E	0.44	0.01	0.05	0.18	0.12	0.102
KE-97-6 1650E	0.09	0.01	0.14	0.25	0.02	0.100
KE-97-6 1700E	0.34	0.01	0.06	0.16	0.05	0.117
KE-97-6 1750E	0.19	0.01	0.04	0.14	0.04	0.056

SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
KE-97-6 1800E	0.09	0.01	0.04	0.32	0.06	0.074
KE-97-6 1850E	0.19	0.01	0.04	0.43	0.10	0.145
KE-97-6 1900E	0.05	0.01	0.04	0.46	0.09	0.117
KE-97-6 1950E	0.10	0.01	0.05	0.55	0.21	0.088
KE-97-6 2000E	0.05	0.01	0.05	0.45	0.08	0.100
KE-97-6 2050E	0.16	0.01	0.03	0.81	0.33	0.124
KE-97-6 2100E	0.27	0.01	0.05	0.46	0.15	0.140
KE-97-6 2150E	0.15	0.01	0.03	0.54	0.20	0.136
KE-97-6 2200E	0.70	0.01	0.03	0.50	0.33	0.159
KE-97-6 2250E	0.14	0.01	0.03	0.46	0.11	0.100
KE-97-6 2300E	0.33	0.01	0.02	0.61	0.25	0.108
KE-97-6 2350E	0.26	0.01	0.03	0.58	0.26	0.117
KE-97-6 2400E	0.16	0.01	0.03	0.75	0.25	0.100
KE-97-6 2450E	0.19	0.01	0.03	0.36	0.11	0.093
KE-97-6 2500E	0.39	0.01	0.03	0.35	0.10	0.113
KE-97-6 2550E	0.42	0.01	0.03	0.34	0.08	0.137
KE-97-6 2600E	0.10	0.01	0.06	0.31	0.04	0.071
KE-97-6 2650E	0.14	0.01	0.10	0.22	0.03	0.070
KE-97-6 2700E	0.29	0.01	0.07	0.38	0.14	0.086

PLAN



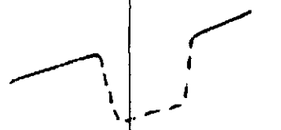
PROFILE LOOKING WEST



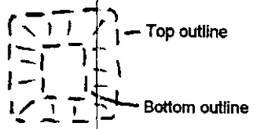
GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2446	1	0.3	45	240	2	153	9	8	12
2447	1	0.3	31	1718	1.9	429	41	1	2
2448	32	0.3	35	1345	1.8	161	6	1	2
2449	13	1.5	166	1269	1.9	501	100	5	38
2450	25	0.3	24	4864	12.1	115	14	2	2
2451	1	0.3	17	1692	3.5	193	12	1	5
2452	25	0.3	17	2428	6.8	148	37	2	2
2453	1	0.4	40	503	1.9	197	21	1	7
2454	14	2.4	307	1313	3.4	511	86	6	46
2455	12	0.3	27	2438	13.6	184	67	1	14
2456	21	0.3	50	1518	7.6	132	35	2	10
2457	21	1.9	248	1642	2.7	548	105	5	32
2458	23	0.9	109	2227	1.8	256	167	5	17

EXPLANATION



Trench in section



Trench in plan

2458 — Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDMVT — Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 1 (TR-1)

NORTH ZONE - WILD-EVE CLAIMS

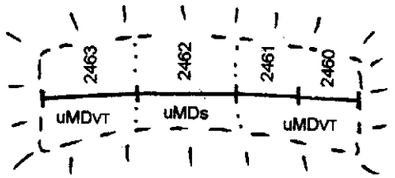
Cloutier Creek Area, NTS 105H/9

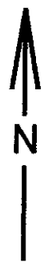
Watson Lake Mining District, Yukon

SCALE 1: 200

Figure 8

PLAN



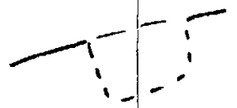


PROFILE LOOKING WEST

GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2460	3	0.6	111	3273	12.6	260	20	3	20
2461	9	1.7	85	1310	8.9	53	45	5	73
2462	3	0.6	33	373	2.2	186	17	35	37
2463	11	0.4	50	431	2.3	27	28	8	38

EXPLANATION



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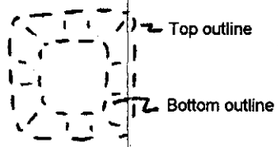


Trench in plan

2458 — Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDMVT — Andesitic tuff

Note: **Refer to Plate 1 for location with respect to claims, geology and topography.**

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 2 (TR-2)

NORTH ZONE - WILD-EVE CLAIMS

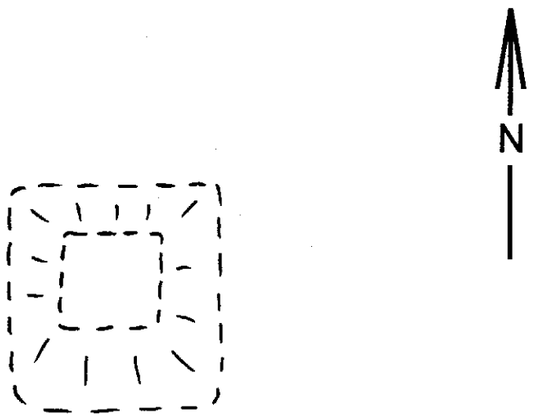
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

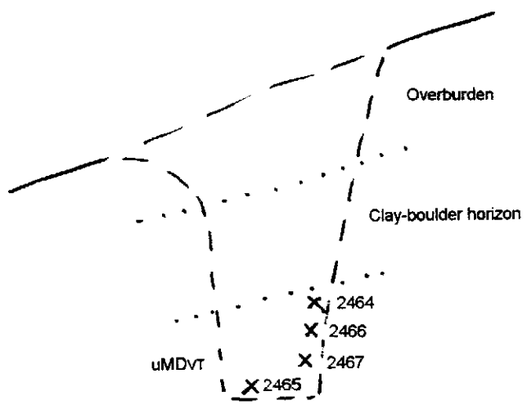
SCALE 1: 200

Figure 9

PLAN



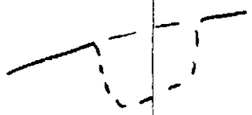
PROFILE LOOKING WEST



GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2464	43	0.3	5	2682	17.6	74	37	1	2
2465	14	0.4	34	1297	4.1	61	40	10	43
2466	28	1.3	94	309	6.8	11	49	11	260
2467	24	1.2	92	488	7.3	11	74	11	354

EXPLANATION



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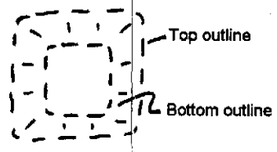


Trench in plan

2458 — Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDMvT — Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 3 (TR-3)

NORTH ZONE - WILD-EVE CLAIMS

Cloutier Creek Area, NTS 105H/9

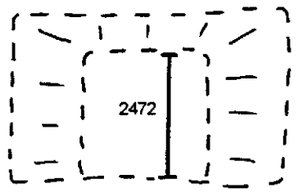
Watson Lake Mining District, Yukon

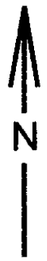
SCALE 1: 200

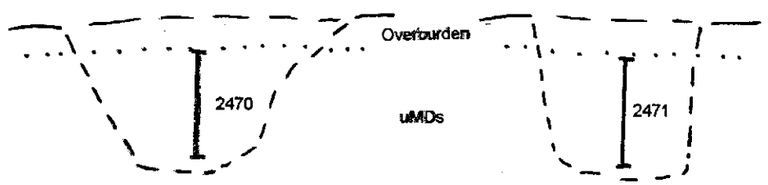
0 5 10 15 m

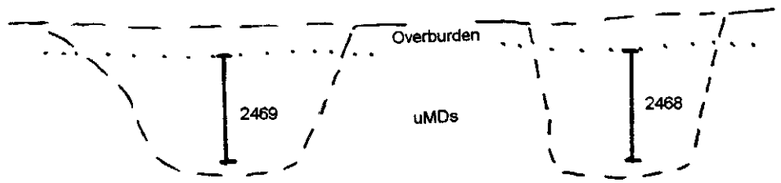
Figure 10

PLAN





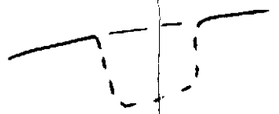




GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2468	29	0.3	18	4859	11.6	323	36	10	21
2469	7	0.3	10	3333	9.9	286	41	3	16
2470	29	0.3	18	3956	11.3	294	26	6	15
2471	32	0.3	18	3579	12.2	246	27	9	30
2472	25	0.3	14	3285	10.1	274	35	3	8

EXPLANATION



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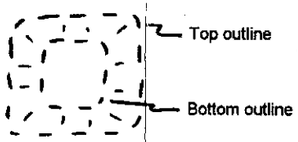


Trench in plan

2458 — Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDMVT — Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 4 (TR-4)

NORTH ZONE - WILD-EVE CLAIMS

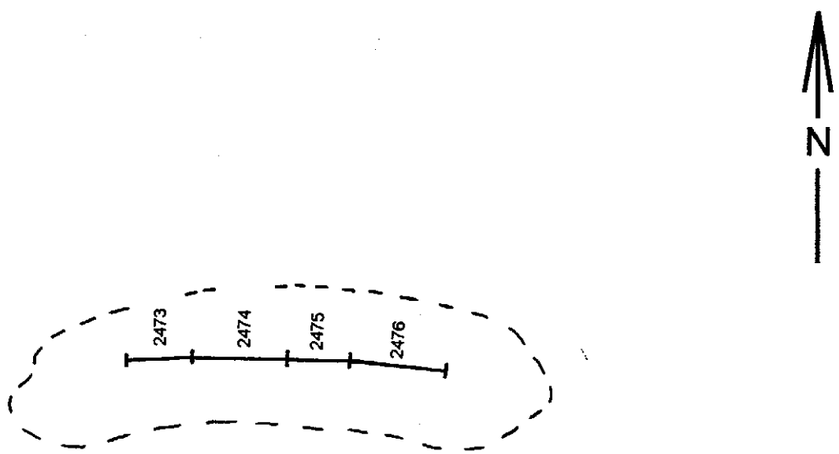
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

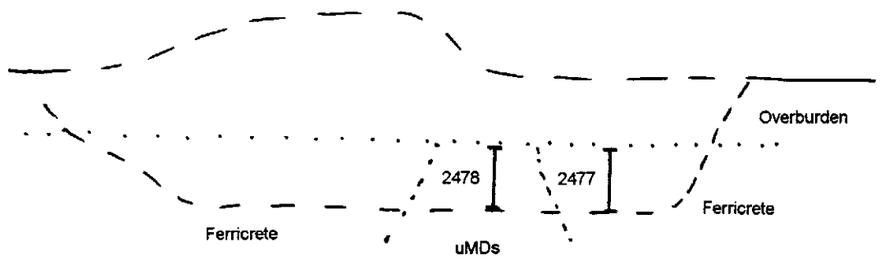
SCALE 1: 200

Figure 11

PLAN



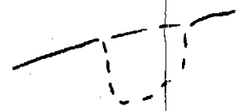
PROFILE LOOKING NORTH



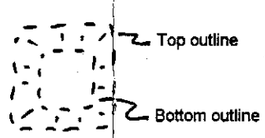
GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2473	10	0.9	126	1949	6.3	285	33	5	25
2474	14	0.3	86	1897	6.3	436	32	7	14
2475	35	0.5	73	2909	9.6	419	46	6	17
2476	23	0.4	87	2030	12.8	632	37	7	23
2477	14	1.1	91	1553	10.5	640	48	7	19
2478	18	0.3	22	1929	9.8	280	41	4	7

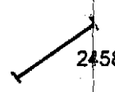
EXPLANATION



Trench in section



Trench in plan



Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDMvt — Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 5 (TR-5)

NORTH ZONE - WILD-EVE CLAIMS

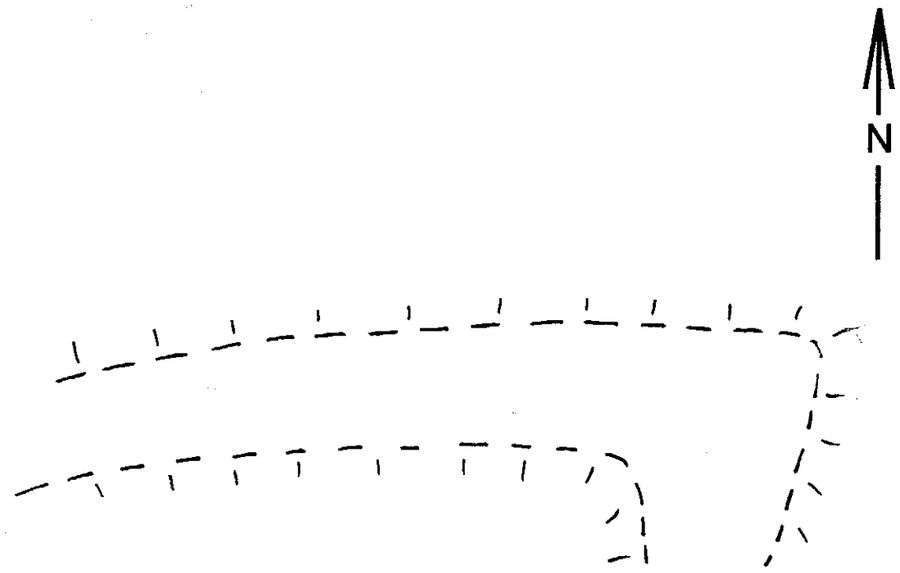
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

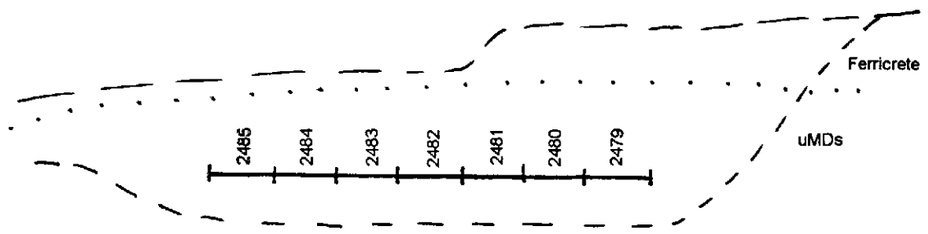
SCALE 1:200

Figure 12

PLAN



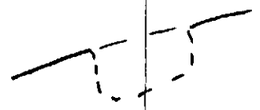
PROFILE LOOKING NORTH



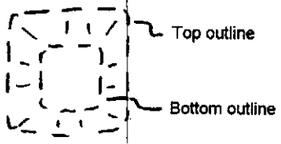
GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2479	11	0.4	12	837	246	207	28	9	92
2480	6	0.3	16	2087	169	250	55	9	58
2481	12	0.3	10	1517	10.7	106	14	12	77
2482	36	0.3	24	8503	80.5	61	49	17	59
2483	25	0.3	32	4243	21.8	93	51	14	55
2484	32	0.3	20	2487	6.3	204	48	10	41
2485	24	0.3	22	4650	6.8	520	40	24	108

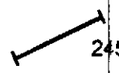
EXPLANATION



Trench in section



Trench in plan



Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDMvt — Andesitic tuff

Note: **Refer to Plate 1 for location with respect to claims, geology and topography.**

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 6 (TR-6)

NORTH ZONE - WILD-EVE CLAIMS

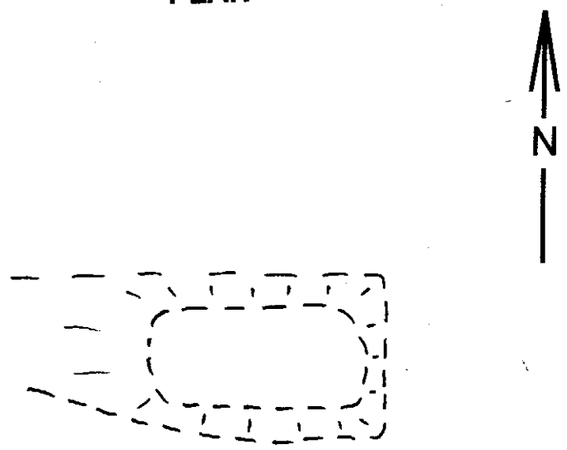
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

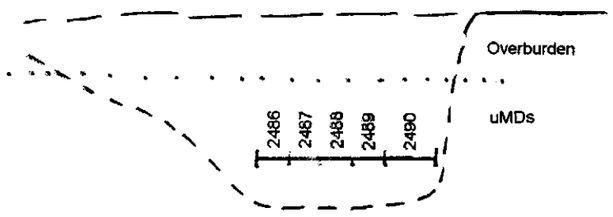
SCALE 1: 200

Figure 13

PLAN



PROFILE LOOKING NORTH



GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2486	25	0.3	66	1748	6	605	37	8	18
2487	16	0.6	64	2164	5.6	488	54	8	23
2488	26	0.3	94	3100	4.6	270	36	10	19
2489	35	0.4	58	2809	7.1	1031	40	9	24
2490	18	0.3	54	2476	4.8	523	31	7	12

EXPLANATION

Trench in section

Top outline
Bottom outline
Trench in plan

2458 — Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDMvt — Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 7 (TR-7)

NORTH ZONE - WILD-EVE CLAIMS

Cloutier Creek Area, NTS 105H/9

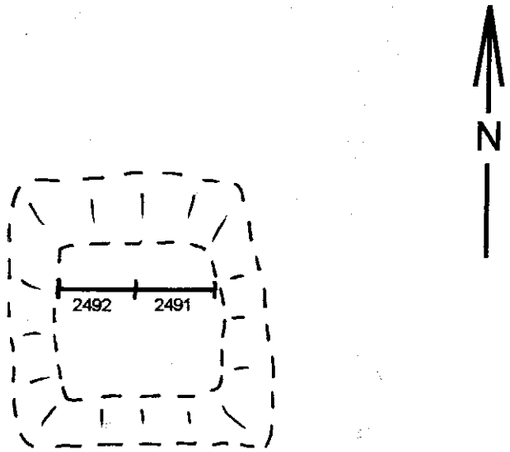
Watson Lake Mining District, Yukon

SCALE 1: 200

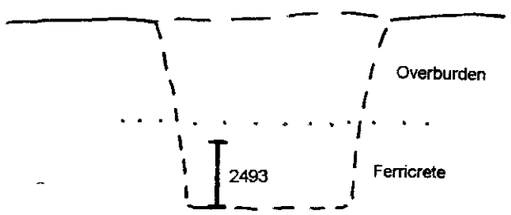
0 5 10 15 m

Figure 14

PLAN



PROFILE LOOKING NORTH

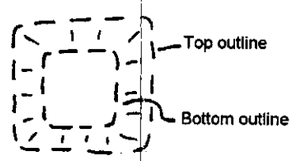


GEOCHEM. DATA

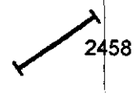
SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2491	40	0.3	31	5755	11.8	374	49	5	2
2492	44	0.3	36	5463	9.3	353	65	8	12
2493	23	0.3	44	5919	29.8	441	63	8	19

EXPLANATION

Trench in section



Trench in plan



Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDMVT — Andesitic tuff

Note: **Refer to Plate 1 for location with respect to claims, geology and topography.**

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 8 (TR-8)

NORTH ZONE - WILD-EVE CLAIMS

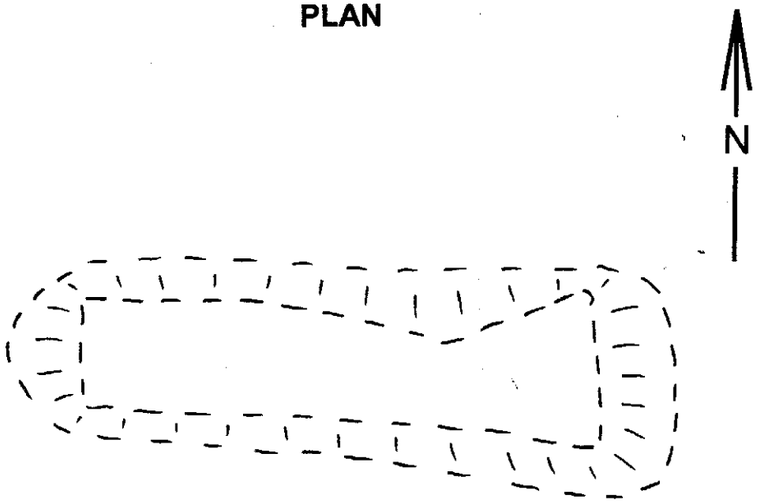
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

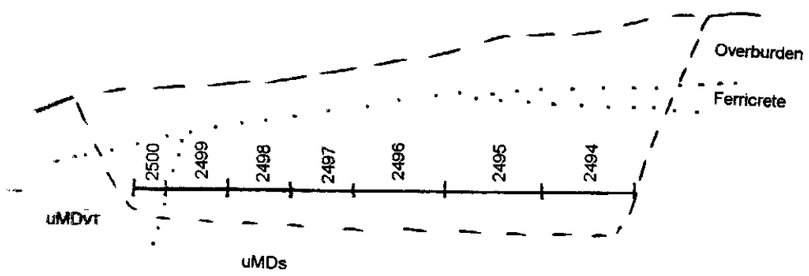
SCALE 1: 200

Figure 15

PLAN



PROFILE LOOKING NORTH

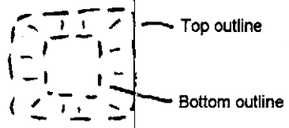


GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2494	34	0.3	41	2960	8.8	296	58	5	13
2495	60	0.3	23	2935	9.7	228	56	3	2
2496	37	0.3	22	3491	6.6	340	41	5	6
2497	45	0.3	14	6120	14.2	406	62	8	11
2498	43	0.4	49	2509	30.3	635	102	27	68
2499	37	0.5	76	3077	13.7	832	94	26	40
2500	23	0.6	83	1963	4.3	606	71	6	18

EXPLANATION

Trench in section



Trench in plan

2458 — Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs	Black, carbonaceous shale.
uDMvt	Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 9 (TR-9)

NORTH ZONE - WILD-EVE CLAIMS

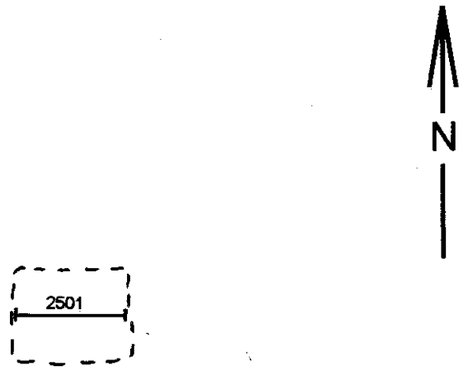
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

SCALE 1: 200

Figure 16

PLAN

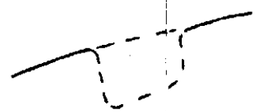


PROFILE LOOKING NORTH

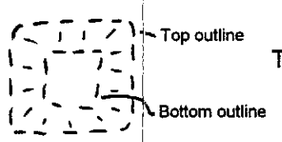
GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2501	15	0.3	59	385	7	302	63	47	95

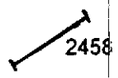
EXPLANATION



Trench in section



Trench in plan



Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs	Black, carbonaceous shale.
uDMvt	Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 10 (TR-10)

NORTH ZONE - WILD-EVE CLAIMS

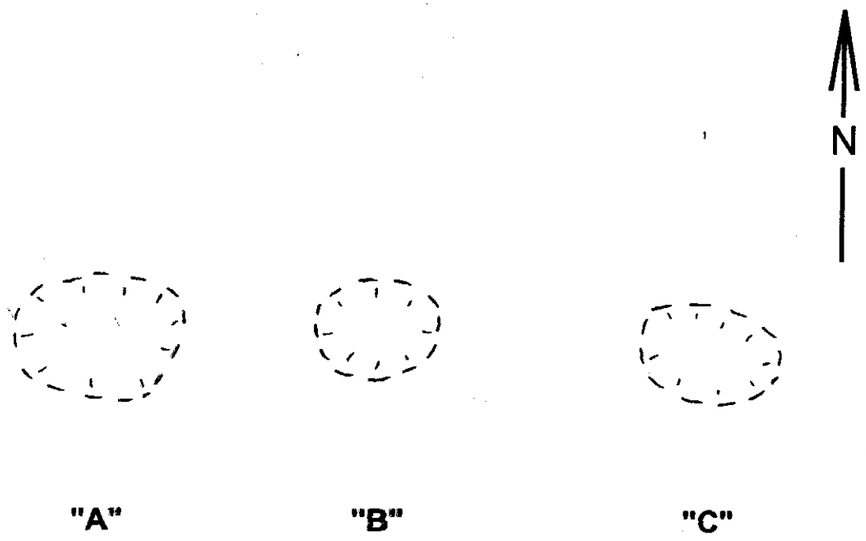
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

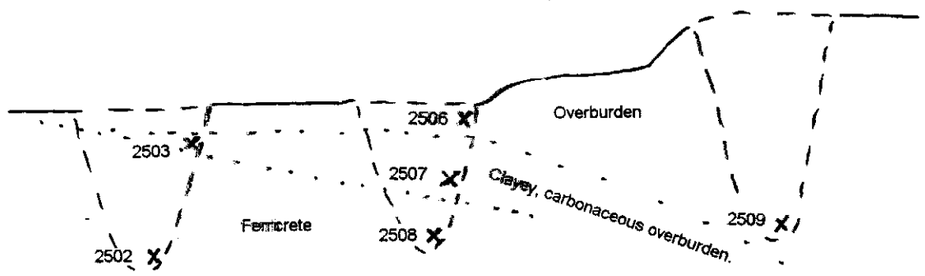
SCALE 1: 200

Figure 17

PLAN



PROFILE LOOKING NORTH

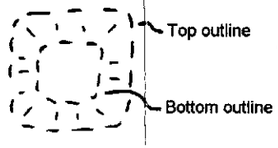


GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2502	60	8.3	1853	1310	5.2	493	110	10	148
2503	110	9.8	465	80	1	1081	11	11	141
2506	135	19.3	912	796	6.8	526	33	10	367
2507	105	15.4	1207	182	2.9	114	38	16	317
2508	12	1.8	140	2506	55.2	382	64	4	43
2509	8	0.4	23	2262	49	337	51	2	46

EXPLANATION

Trench in section



Trench in plan

2458 — Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs	Black, carbonaceous shale.
uDMvT	Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 11 (TR-11)

NORTH ZONE - WILD-EVE CLAIMS

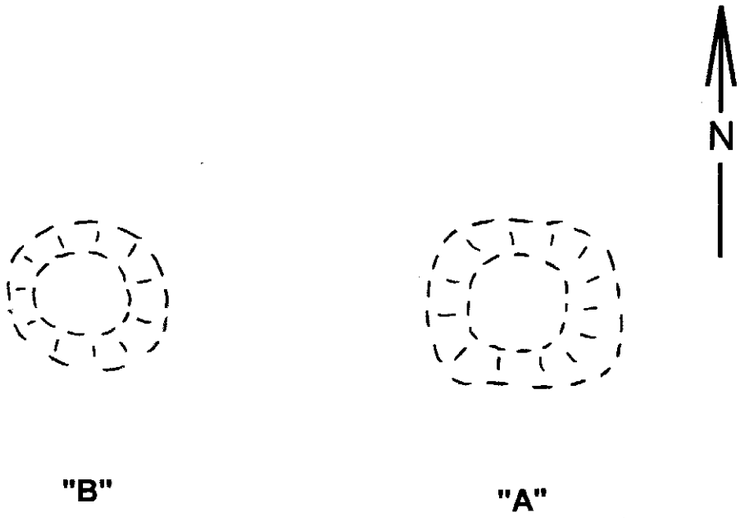
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

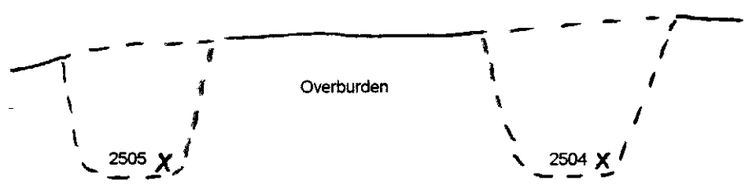
SCALE 1: 200

Figure 18

PLAN



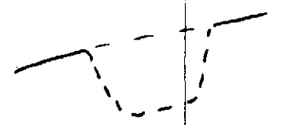
PROFILE LOOKING NORTH



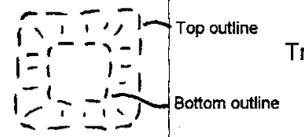
GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2504	36	12.6	1260	2646	37.6	261	73	9	110
2505	45	18.4	1501	1589	22.1	328	56	8	124

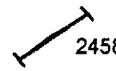
EXPLANATION



Trench in section



Trench in plan



Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs	Black, carbonaceous shale.
uDMvT	Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 12 (TR-12)

NORTH ZONE - WILD-EVE CLAIMS

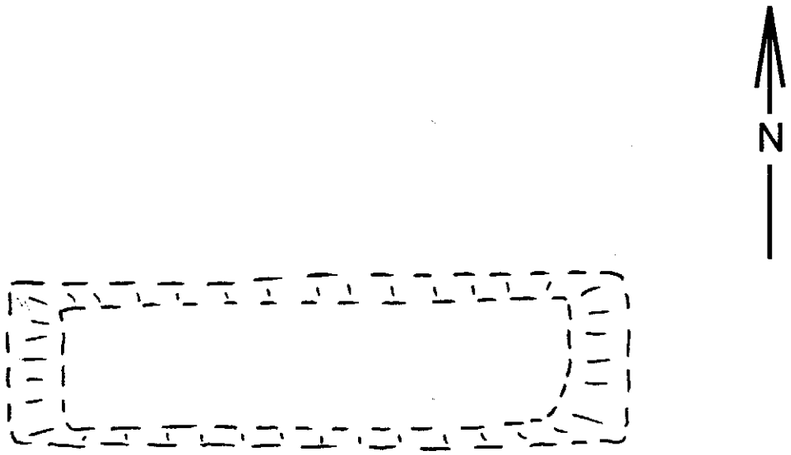
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

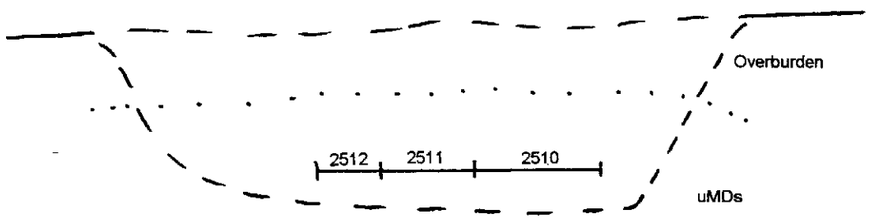
SCALE 1:200

Figure 19

PLAN



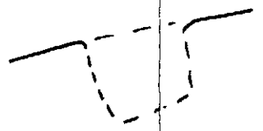
PROFILE LOOKING NORTH



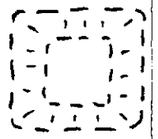
GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2510	10	1.1	62	1520	26.4	314	45	25	55
2511	10	1.9	70	1333	9.4	340	34	55	50
2512	12	3	65	915	7.3	252	20	20	32

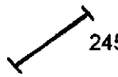
EXPLANATION



Trench in section



Trench in plan



Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDMvT — Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 13 (TR-13)

NORTH ZONE - WILD-EVE CLAIMS

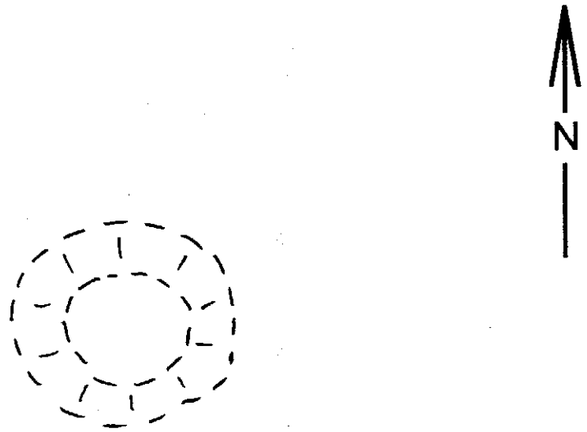
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

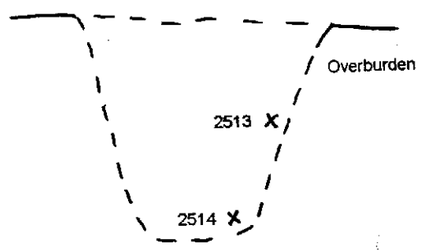
SCALE 1: 200

Figure 20

PLAN



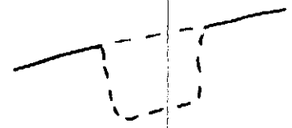
PROFILE LOOKING NORTH



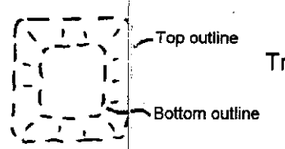
GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2513	11	1.1	42	1549	17	177	57	31	60
2514	20	1.6	202	1372	7.5	78	55	16	51

EXPLANATION



Trench in section



Trench in plan

2453 — Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDM/T — Andesitic tuff

Note: **Refer to Plate 1 for location with respect to claims, geology and topography.**

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 14 (TR-14)

NORTH ZONE - WILD-EVE CLAIMS

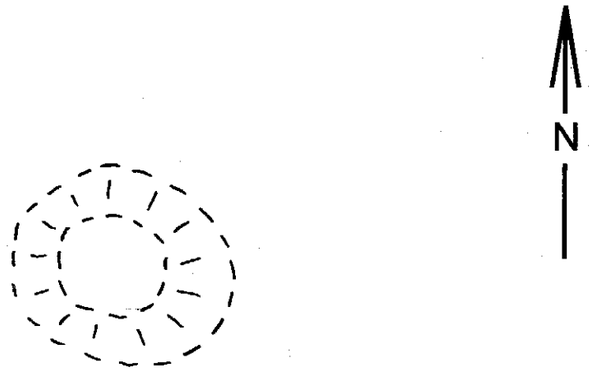
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

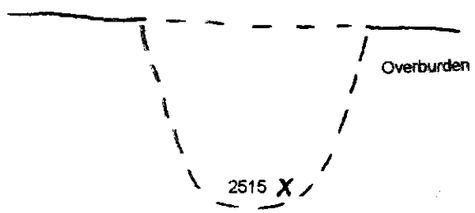
SCALE 1: 200

Figure 21

PLAN



PROFILE LOOKING NORTH

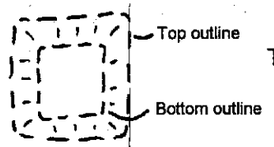


GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2515	19	5	709	690	7.7	455	41	7	39

EXPLANATION

Trench in section



Trench in plan

Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs	Black, carbonaceous shale.
uDMvt	Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 15 (TR-15)

NORTH ZONE - WILD-EVE CLAIMS

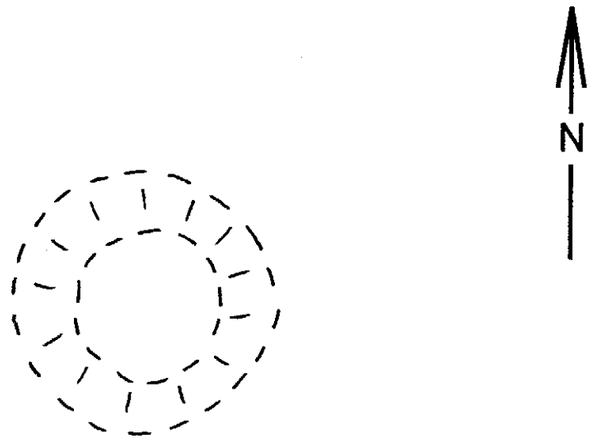
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

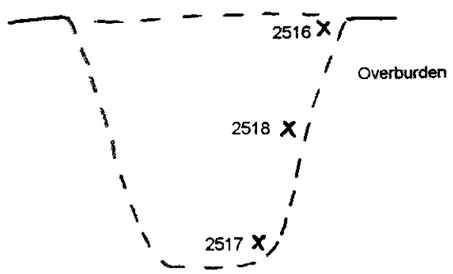
SCALE 1: 200

Figure 22

PLAN



PROFILE LOOKING NORTH



GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2516	10	2.4	267	1176	13.4	604	46	4	39
2517	12	6.2	829	850	6.9	438	40	7	40
2518	15	12.4	909	855	8.3	497	43	7	59

EXPLANATION

Trench in section

Top outline
Bottom outline
Trench in plan

2458 — Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDMvT — Andesitic tuff

Note: **Refer to Plate 1 for location with respect to claims, geology and topography.**

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 16 (TR-16)

NORTH ZONE - WILD-EVE CLAIMS

Cloutier Creek Area, NTS 105H/9

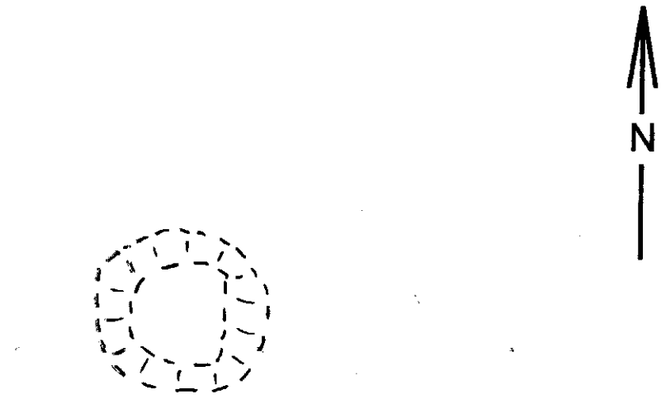
Watson Lake Mining District, Yukon

SCALE 1:200

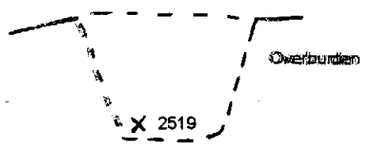
0 5 10 15 m

Figure 23

PLAN



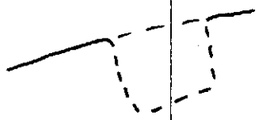
PROFILE LOOKING NORTH



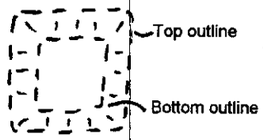
GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2519	25	5.0	820	739	6.7	439	40	7	52

EXPLANATION



Trench in section



Trench in plan

2458 — Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDMvT — Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 17 (TR-17)

NORTH ZONE - WILD-EVE CLAIMS

Cloutier Creek Area, NTS 105H/9

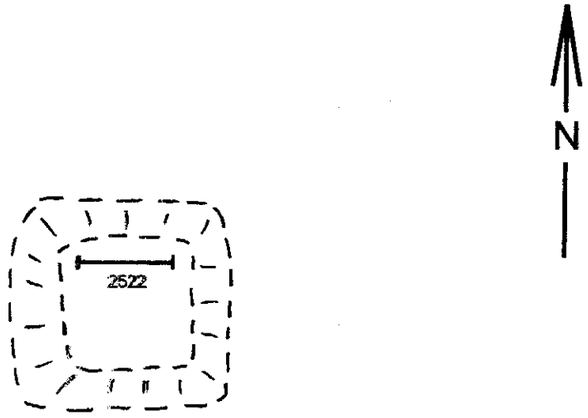
Watson Lake Mining District, Yukon

SCALE 1: 200

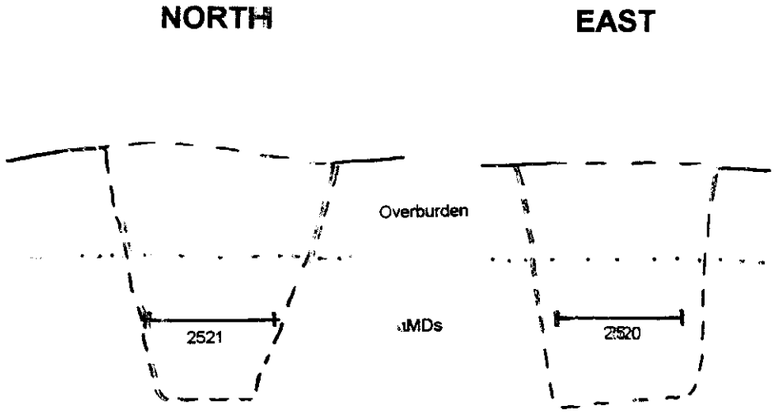
0 5 10 15 m

Figure 24

PLAN



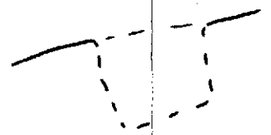
PROFILE



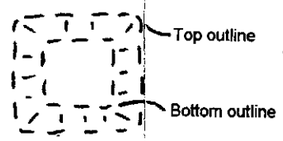
GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2520	8	0.5	20	629	7.8	281	23	5	11
2521	9	0.5	36	623	8.1	279	31	18	17
2522	10	0.9	22	724	10.5	295	49	6	13

EXPLANATION



Trench in section



Trench in plan

Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs — Black, carbonaceous shale.

uDMvT — Andesitic tuff

Note: **Refer to Plate 1 for location with respect to claims, geology and topography.**

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 18 (TR-18)

NORTH ZONE - WILD-EVE CLAIMS

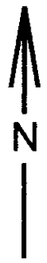
Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

SCALE 1: 200

Figure 25

PLAN

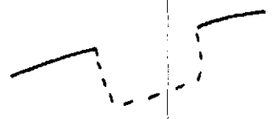


PROFILE LOOKING NORTH

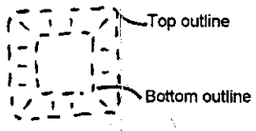
GEOCHEM. DATA

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm
2523	2	0.3	16	811	2.5	193	18	3	8

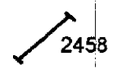
EXPLANATION



Trench in section



Trench in plan



Continuous chip sample interval.

X 2449 — Muck, soil or float sample site.

Lithologies: Upper Devonian - Mississippian.

uDMs	Black, carbonaceous shale.
uDMvT	Andesitic tuff

Note: Refer to Plate 1 for location with respect to claims, geology and topography.

Refer to Appendix A for complete listing of geochemical data.

ARTEMIS VENTURES INC.

PLAN & PROFILE - TRENCH 19 (TR-19)

NORTH ZONE - WILD-EVE CLAIMS

Cloutier Creek Area, NTS 105H/9

Watson Lake Mining District, Yukon

SCALE 1: 200

Figure 26

Trench	Sample No.	Width (m) or type*	Description
TR-1	2446	flt	Quartz vein float in overburden.
	2447	s/m	Pyritic andesite tuff (?)
	2448	s/m	Lapilli tuff
	2449	s/m	Limonite/ exotic gossan
	2450	s/m	Limonitic andesite tuff with minor quartz stringers
	2451	s/m	Pyritic andesite tuff (?)
	2452	s/m	Pyritic andesite tuff (?) distinctly bleached
	2453	s/m	andesite tuff (?)
	2454	s/m	Muck sample from 6.5 m depth
	2455	s/m	Andesitic tuff
	2456	s/m	Lapilli tuff
	2457	s/m	Muck sample from bottom of trench (8.0 m depth).
	2458	s/m	Sample of limonitic material from bottom of trench.
TR-2	2459	s/m	Sample of limonitic material from bottom of trench.
	2460	2.0	Andesitic tuff with disseminated pyrite
	2461	2.0	Andesitic tuff with disseminated pyrite
	2462	3.0	Carbonaceous shale.
	2463	3.0	Andesitic tuff with abundant, disseminated pyrite
TR-3	2464	flt	Andesitic tuff with disseminated pyrite
	2465	s/m	Muck sample from bottom of trench.
	2466	flt	Andesitic tuff with abundant, disseminated pyrite
	2467	flt	Andesitic tuff with abundant, disseminated pyrite
TR-4	2468	s/m	Muck sample from floor of trench.
	2469	3.5	Carbonaceous shale.
	2470	3.5	Carbonaceous shale.
	2471	3.5	Carbonaceous shale.
	2472	4.0	Limonite - transported?
TR-5	2473	2.0	Limonite - transported?
	2474	3.0	Limonite - transported?
	2475	2.0	Carbonaceous shale.
	2476	3.0	Limonite - transported?
	2477	2.0	Limonite - transported?
	2478	2.0	Carbonaceous shale.
TR-6	2479	2.0	Carbonaceous shale.
	2480	2.0	Quartz vein material from limonitic, carbonaceous shale
	2481	2.0	Quartz vein material from limonitic, carbonaceous shale
	2482	2.0	Quartz vein material from limonitic, carbonaceous shale
	2483	2.0	Quartz vein material from limonitic, carbonaceous shale
	2484	2.0	Quartz vein material from limonitic, carbonaceous shale
	2485	2.0	Quartz vein material from limonitic, carbonaceous shale
TR-7	2486	1.0	Andesitic tuff - limonitic.
	2487	1.0	Andesitic tuff - limonitic.

Trench	Sample No.	Width (m) or type*	Description
TR-7	2488	1.0	Andesitic tuff - limonitic.
	2489	1.0	Andesitic tuff - limonitic.
	2490	1.3	Andesitic tuff - limonitic.
TR-8	2491	2.5	Andesitic tuff - limonitic.
	2492	2.5	Andesitic tuff - limonitic.
	2493	2.0	Andesitic tuff - limonitic.
TR-9	2494	3.0	Carbonaceous shale.
	2495	3.0	Carbonaceous shale.
	2496	3.0	Carbonaceous shale.
	2497	2.0	Carbonaceous shale.
	2498	2.0	Carbonaceous shale.
	2499	2.0	Carbonaceous shale.
	2500	1.0	Carbonaceous shale.
TR-10	2501	2.0	Carbonaceous shale.
TR-11	2502	s/m	Muck sample from bottom of trench - limonitic shale
	2503	s/m	Muck sample of carbonaceous overburden.
	2406	s/m	Muck sample of red to brown clayey overburden.
	2407	s/m	Muck sample of black (carbonaceous) clay.
	2408	s/m	Muck sample from bottom of pit.
	2409	flt	Float sample from bottom of pit.
TR-12A	2404	s/m	Muck sample from bottom of pit.
TR-12B	2405	s/m	Muck sample from bottom of pit.
TR-13	2510A	4.0	Carbonaceous shale.
	2510B	4.0	Carbonaceous shale.
	2511	3.0	Carbonaceous shale.
	2512	2.0	Carbonaceous shale.
TR-14	2513	s/m	Muck sample
	2514	s/m	Muck sample
TR-15	2515	s/m	Muck sample
TR-16	2516	flt	Rock sample from overburden.
	2517	s/m	Muck sample
	2518	s/m	Muck sample - 4 m down north wall of trench.
TR-17	2519	s/m	Muck sample from bottom of trench.
TR-18	2520	4.0	Carbonaceous shale.
	2521	4.0	Carbonaceous shale.
	2522	4.0	Carbonaceous shale.
TR-19	2523	3.0	Carbonaceous shale.
Misc.	97WE-01	Grab	Chips of black, carbonaceous shale.
	97WE-02	Grab	Chips of pale greyish shale with quartz augen.
	97WE-03	Grab	as 97WE-02, but with abundant pyrite.

Trench	DIMENSIONS (in m)			Vol. (m^3)	No. Samples	Claim EVE 69	EVE 70	EVE 71	EVE 72	
	Length	Width	Depth							
T-1	9	6	7	378	13				378	
T-2	10	3	2.5	75	5				75	
T-3	3	3	9	81	4				81	
T-4	4	4	4.5	72	5		72			
T-5	10	3	4	120	6		120			
T-6	14	3	5	210	7		210			
T-7	7	3	5	105	5	105				
T-8	5	5	6	150	3	150				
T-9	16	3	4	192	7				192	
T-10	4	3	2	24	1				24	
T-11A	3	2	5	30	6				30	
T-11B	3	2	5	30					30	
T-11C	3	2	5	30					30	
T-12A	4	3	4	48	1				48	
T-12B	4	3	4	48	1				48	
T-13	16	4	4	256	4		256			
T-14	4	3	6	72	2				72	
T-15	3	2	5	30	1			30		
T-16	4	3	6	72	3			72		
T-17	3	2	4	24	1			24		
T-18	4	4	7	112	3		112			
T-19	3	3	3	27	1	27				
TOTAL				**2186**		**282**	**770**	**126**	**1008**	

PIONEER LABORATORIES INC. 5-730 EATON WAY NEW WESTMINSTER, BC CANADA V3M 6J9 TELEPHONE (604) 522-3830

GEOCHEMICAL ANALYSIS CERTIFICATE

AMERLIN EXPLORATION
Project:
Report No. 9722292
Sample Type: Rocks
Date: September 16, 1997

Multi-element ICP Analysis - .500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with Water. This leach is partial for Mn, Fe, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K and Al. Detection Limit for Au is 3 ppm.
*Au Analysis- 10 gram sample is digested with aqua regia, MIBK extracted, graphite furnace AA finished to 1 ppb detection.

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Mn ppm	Fe %	Ti %	Cr ppm	Ni ppm	Co ppm	U ppm	Th ppm	Sr ppm	La ppm	B ppm	V ppm
2446	1	0.3	45	240	2	153	9	8	12	3	3	122	0.74	0.01	170	7	2	8	2	4	2	3	4
2447	1	0.3	31	1718	1.9	429	41	1	2	3	3	637	4.59	0.36	190	121	29	8	24	109	27	3	119
2448	32	0.3	35	1345	1.8	161	6	1	2	3	3	4179	15.94	0.01	3	7	7	8	8	14	54	4	5
2449	13	1.5	166	1269	1.9	501	100	5	38	5	3	246	5.76	0.01	21	29	19	8	9	29	47	4	25
2450	25	0.3	24	4864	12.1	115	14	2	2	3	3	4922	23.38	0.01	31	15	26	8	3	64	29	5	18
2451	1	0.3	17	1692	3.5	193	12	1	5	3	3	1278	5.16	0.27	274	162	37	8	10	126	30	3	130
2452	25	0.3	17	2428	6.8	148	37	2	2	3	3	2691	8.19	0.01	93	45	46	8	8	60	45	3	94
2453	1	0.4	40	503	1.9	197	21	1	7	3	3	542	3.78	0.26	178	103	35	8	20	44	33	4	93
2454	14	2.4	307	1313	3.4	511	86	6	46	8	3	290	5.96	0.01	25	25	17	8	9	25	54	3	27
2455	12	0.3	27	2438	13.6	184	67	1	14	3	3	4216	6.8	0.03	63	55	51	8	7	97	44	3	63
2456	21	0.3	50	1518	7.6	132	35	2	10	3	3	1238	7.04	0.01	7	26	34	8	3	69	31	6	21
2457	21	1.9	248	1642	2.7	548	105	5	32	4	3	402	6.09	0.01	23	31	21	8	9	28	46	4	27
2458	23	0.9	109	2227	1.8	256	167	5	17	3	3	182	6.79	0.01	11	27	20	8	14	16	60	4	10
2459	21	2.8	276	914	0.4	305	24	3	10	3	3	430	29.89	0.01	11	7	15	8	5	14	18	3	18
2460	3	0.6	111	3273	12.6	260	20	3	20	4	5	1603	5.06	0.01	7	23	38	8	2	87	19	3	45
2461	9	1.7	85	1310	8.9	53	45	5	73	3	26	1443	8.56	0.01	11	51	79	8	2	101	19	3	80
2462	3	0.6	33	373	2.2	186	17	35	37	11	5	237	1.8	0.01	94	15	5	8	2	4	10	3	222
2463	11	0.4	50	431	2.3	27	28	8	38	3	4	233	6.62	0.01	26	12	15	8	7	13	15	3	7

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Mn ppm	Fe %	Ti %	Cr ppm	Ni ppm	Co ppm	U ppm	Th ppm	Sr ppm	La ppm	B ppm	V ppm
2464	43	0.3	5	2682	17.6	74	37	1	2	3	3	1151	6.76	0.26	51	57	39	8	4	33	38	3	172
2465	14	0.4	34	1297	4.1	61	40	10	43	3	4	284	4.61	0.04	40	38	22	8	5	18	24	4	59
2466	28	1.3	94	309	6.8	11	49	11	260	7	16	198	15.05	0.01	40	44	105	8	8	24	8	3	10
2467	24	1.2	92	488	7.3	11	74	11	354	9	13	290	15.33	0.01	30	42	96	8	8	28	16	3	18
2468	29	0.3	18	4859	11.6	323	36	10	21	3	3	252	14.99	0.01	19	56	8	8	5	11	20	3	26
2469	7	0.3	10	3333	9.9	286	41	3	16	3	3	180	9.95	0.01	6	46	8	8	5	10	20	3	18
2470	29	0.3	18	3956	11.3	294	26	6	15	3	3	171	12.11	0.01	9	45	5	8	4	11	15	3	19
2471	32	0.3	18	3579	12.2	246	27	9	30	5	3	209	11.94	0.01	26	43	5	8	4	8	15	4	20
2472	25	0.3	14	3285	10.1	274	35	3	8	4	3	88	11.21	0.01	14	38	4	8	5	10	17	3	18
2473	10	0.9	126	1949	6.3	285	33	5	25	3	3	371	8.9	0.01	22	29	11	8	6	20	20	3	29
2474	14	0.3	86	1897	6.3	436	32	7	14	3	3	178	7.26	0.01	81	30	8	8	4	11	24	3	33
2475	35	0.5	73	2909	9.6	419	46	6	17	4	3	382	9.32	0.01	44	47	13	8	6	34	32	3	43
2476	23	0.4	87	2030	12.8	632	37	7	23	6	3	225	6.79	0.01	28	44	10	8	6	20	23	3	33
2477	14	1.1	91	1553	10.5	640	48	7	19	4	3	260	4.57	0.01	25	37	14	8	7	23	29	3	33
2478	18	0.3	22	1929	9.8	280	41	4	7	3	3	171	4.15	0.01	19	64	8	8	4	27	19	3	23
2479	11	0.4	12	837	246.4	207	28	9	92	8	3	37	2.42	0.01	58	53	11	8	3	38	13	4	29
2480	6	0.3	16	2087	168.7	250	55	9	58	7	3	178	3.24	0.01	48	55	11	8	3	62	8	3	33
2481	12	0.3	10	1517	10.7	106	14	12	77	5	3	300	5.85	0.01	127	27	8	8	2	158	6	3	17
2482	36	0.3	24	8503	80.5	61	49	17	59	9	3	92	10.6	0.01	98	41	9	11	3	46	8	3	30
2483	25	0.3	32	4243	21.8	93	51	14	55	3	3	59	11.8	0.01	60	57	15	12	3	38	11	3	34
2484	32	0.3	20	2487	6.3	204	48	10	41	3	3	76	7.55	0.01	106	52	11	8	3	28	7	3	31
2485	24	0.3	22	4650	6.8	520	40	24	108	6	3	71	16.43	0.01	58	38	4	8	6	14	11	4	31
2486	25	0.3	66	1748	6	605	37	8	18	4	3	6839	5.91	0.01	33	126	95	8	11	21	57	3	27
2487	16	0.6	64	2164	5.6	488	54	8	23	3	3	5468	6.39	0.01	21	108	119	8	8	21	47	3	21
2488	26	0.3	94	3100	4.6	270	36	10	19	3	3	2460	8.89	0.01	20	93	59	8	10	18	61	3	16
2489	35	0.4	58	2809	7.1	1031	40	9	24	3	3	5524	7.08	0.01	38	122	102	8	8	25	44	3	33
2490	18	0.3	54	2476	4.8	523	31	7	12	3	3	5236	7.1	0.01	23	112	111	8	9	19	56	3	20
2491	40	0.3	31	5755	11.8	374	49	5	2	7	3	1124	14.14	0.01	38	48	9	8	6	16	24	4	33
2492	44	0.3	36	5463	9.3	353	65	8	12	4	3	695	14.56	0.01	37	44	10	8	9	15	28	3	42
2493	23	0.3	44	5919	29.8	441	63	8	19	4	3	4002	8.43	0.01	33	99	31	8	10	20	40	3	34
2494	34	0.3	41	2960	8.8	296	58	5	13	3	3	306	9.99	0.01	8	60	30	8	2	27	37	3	42
2495	60	0.3	23	2935	9.7	228	56	3	2	3	3	381	12.57	0.01	9	58	35	8	2	24	23	3	38
2496	37	0.3	22	3491	6.6	340	41	5	6	3	3	286	9.01	0.01	14	56	28	8	2	30	23	3	40
2497	45	0.3	14	6120	14.2	406	62	8	11	3	3	1761	9.72	0.01	54	49	20	8	2	51	17	3	53
2498	43	0.4	49	2509	30.3	635	102	27	68	4	3	317	10.82	0.01	28	80	29	8	2	28	19	3	134

SAMPLE No.	Au* ppb	Ag ppm	Pb ppm	Zn ppm	Cd ppm	Ba ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Mn ppm	Fe %	Ti %	Cr ppm	Ni ppm	Co ppm	U ppm	Th ppm	Sr ppm	La ppm	B ppm	V ppm
2499	37	0.5	76	3077	13.7	832	94	26	40	5	3	607	9.12	0.01	26	70	31	8	2	26	12	3	158
2500	23	0.6	83	1963	4.3	606	71	6	18	3	3	179	5.86	0.01	10	37	16	8	2	35	19	3	83
2501	15	0.3	59	385	7	302	63	47	95	4	3	341	2.79	0.01	89	22	4	8	2	10	16	3	331
2502	60	8.3	1853	1310	5.2	493	110	10	148	24	3	377	11.52	0.01	42	15	8	8	5	28	21	3	51
2503	110	9.8	465	80	1	1081	11	11	141	23	3	18	0.54	0.01	28	1	1	8	2	12	4	3	18
2504	36	12.6	1260	2646	37.6	261	73	9	110	52	3	418	5	0.01	36	36	23	8	6	70	27	3	50
2505	45	18.4	1501	1589	22.1	328	56	8	124	45	3	495	4.05	0.02	37	32	18	8	6	54	26	3	43
2506	135	19.3	912	796	6.8	526	33	10	367	59	3	204	3.7	0.01	36	3	3	8	3	11	5	3	14
2507	105	15.4	1207	182	2.9	114	38	16	317	46	3	189	2.54	0.01	26	2	4	8	3	17	7	3	29
2508	12	1.8	140	2506	55.2	382	64	4	43	7	3	1350	5.3	0.01	21	30	26	8	8	36	54	3	27
2509	8	0.4	23	2262	49	337	51	2	46	3	3	1237	5.45	0.01	23	29	23	8	7	30	48	3	17
2510	10	1.1	62	1520	26.4	314	45	25	55	9	3	40	4.08	0.01	107	8	1	8	6	68	25	3	219
2511	10	1.9	70	1333	9.4	340	34	55	50	11	3	52	3.05	0.01	70	6	1	8	3	101	23	3	148
2512	12	3	65	915	7.3	252	20	20	32	9	3	37	2.27	0.01	36	4	1	8	3	32	24	3	25
2513	11	1.1	42	1549	17	177	57	31	60	11	3	883	1.28	0.01	105	56	10	8	2	36	6	3	165
2514	20	1.6	202	1372	7.5	78	55	16	51	6	3	1933	4.5	0.01	22	52	31	8	5	32	21	3	63
2515	19	5	709	690	7.7	455	41	7	39	13	3	886	3.96	0.01	26	24	15	8	7	23	45	3	24
2516	10	2.4	267	1176	13.4	604	46	4	39	10	3	1111	4.62	0.01	15	29	20	8	7	22	44	3	29
2517	12	6.2	829	850	6.9	438	40	7	40	14	3	858	3.58	0.01	27	27	16	8	5	26	40	3	27
2518	15	12.4	909	855	8.3	497	43	7	59	20	3	980	3.9	0.01	31	28	18	8	6	29	37	4	33
2519	25	5	820	739	6.7	439	40	7	52	15	3	852	3.98	0.01	33	27	18	8	5	26	43	4	28
2520	8	0.5	20	629	7.8	281	23	5	11	3	3	479	3.24	0.01	35	42	13	8	5	242	20	4	32
2521	9	0.5	36	623	8.1	279	31	18	17	4	3	483	2.93	0.01	32	57	10	8	4	321	17	5	47
2522	10	0.9	22	724	10.5	295	49	6	13	4	3	436	3.17	0.01	38	48	14	8	6	193	16	5	40
2523	2	0.3	16	811	2.5	193	18	3	8	4	3	536	3.15	0.01	13	40	14	8	6	128	10	4	38
97 WE-01	5	8.5	1018	34	0.2	318	2	16	10	17	3	14	0.35	0.01	26	1	1	8	2	5	28	4	22
97 WE-02	80	11.1	439	11	0.2	32	34	5	393	27	3	19	3.71	0.01	30	4	1	8	2	2	2	4	14
97 WE-03	12	4.1	456	10	0.2	27	9	5	127	18	3	11	3.49	0.01	28	4	1	8	2	2	2	3	10

PIONEER LABORATORIES INC. 5-730 EATON WAY NEW WESTMINSTER, BC CANADA V3M 6J9 TELEPHONE (604) 522-3830

GEOCHEMICAL ANALYSIS CERTIFICATE

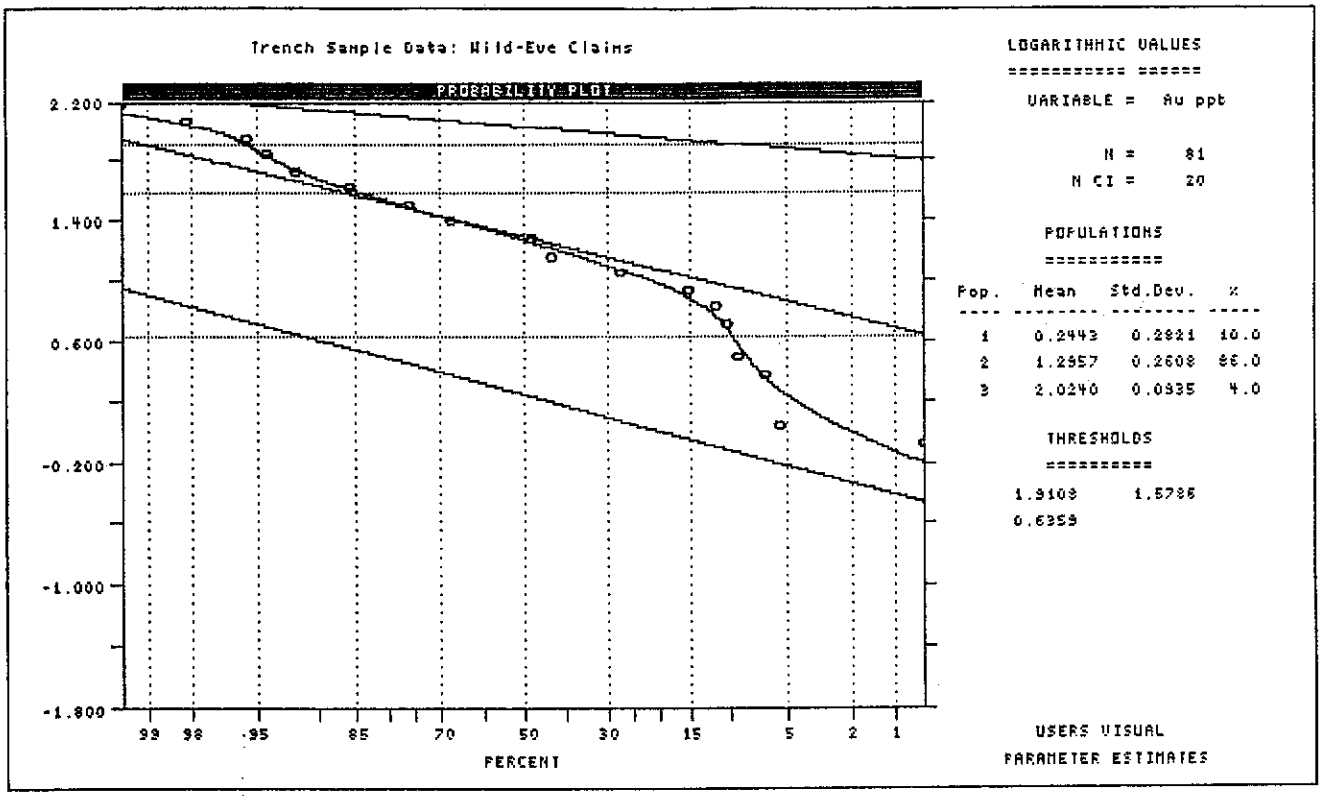
AMERLIN EXPLORATION
Project:
Report No. 9722292
Sample Type: Rocks
Date: September 16, 1997

Multi-element ICP Analysis - .500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with Water. This leach is partial for Mn, Fe, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K and Al. Detection Limit for Au is 3 ppm.
*Au Analysis- 10 gram sample is digested with aqua regia, MIBK extracted, graphite furnace AA finished to 1 ppb detection.

SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
2446	0.05	0.01	0.04	0.08	0.02	0.005
2447	1.35	0.14	0.83	2.78	3.22	0.206
2448	0.27	0.01	0.36	0.37	0.82	0.041
2449	0.25	0.01	0.28	1.21	0.14	0.107
2450	1.48	0.01	0.2	0.32	1.07	0.035
2451	3.05	0.19	0.25	3.23	4.31	0.178
2452	1.63	0.04	0.24	2.48	2.01	0.098
2453	1.76	0.08	0.12	2.57	2.53	0.205
2454	0.21	0.01	0.27	1.08	0.19	0.092
2455	2.3	0.02	0.33	1.94	1.53	0.106
2456	1.05	0.01	0.42	0.57	0.36	0.254
2457	0.26	0.01	0.26	1.24	0.2	0.106
2458	0.22	0.02	0.2	1.31	0.08	0.084
2459	0.04	0.01	0.24	0.33	0.04	0.057
2460	5.09	0.02	0.26	0.56	1.73	0.399
2461	8.35	0.03	0.27	0.59	2.96	0.592
2462	0.07	0.01	0.12	0.22	0.02	0.019
2463	0.67	0.02	0.18	0.35	0.31	0.011

SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
2464	0.74	0.03	0.59	3.28	3.1	0.212
2465	0.39	0.01	0.22	0.69	0.34	0.113
2466	0.93	0.01	0.16	0.3	0.39	0.006
2467	1.09	0.01	0.16	0.41	0.5	0.019
2468	0.1	0.01	0.2	0.51	0.07	0.075
2469	0.05	0.01	0.15	0.34	0.01	0.088
2470	0.04	0.01	0.14	0.34	0.01	0.071
2471	0.04	0.01	0.15	0.33	0.01	0.066
2472	0.04	0.01	0.15	0.34	0.01	0.086
2473	0.89	0.01	0.26	0.49	0.16	0.099
2474	0.1	0.01	0.22	0.54	0.12	0.073
2475	0.57	0.01	0.2	0.85	0.39	0.106
2476	0.1	0.01	0.19	0.55	0.11	0.095
2477	0.15	0.01	0.21	0.62	0.07	0.084
2478	0.18	0.01	0.19	0.44	0.03	0.086
2479	0.27	0.01	0.18	0.46	0.05	0.077
2480	0.52	0.01	0.15	0.47	0.24	0.088
2481	1.51	0.01	0.09	0.3	0.56	0.073
2482	0.51	0.01	0.17	0.57	0.17	0.066
2483	0.32	0.01	0.17	0.6	0.02	0.15
2484	0.18	0.01	0.15	0.5	0.02	0.093
2485	0.06	0.01	0.21	0.69	0.01	0.066
2486	0.3	0.01	0.26	0.86	0.32	0.103
2487	0.26	0.01	0.22	0.62	0.17	0.102
2488	0.2	0.01	0.2	0.58	0.13	0.079
2489	0.28	0.01	0.23	0.77	0.33	0.095
2490	0.25	0.01	0.21	0.68	0.17	0.093
2491	0.1	0.01	0.24	0.92	0.11	0.068
2492	0.08	0.02	0.24	0.9	0.12	0.059
2493	0.16	0.01	0.24	1.09	0.11	0.088
2494	0.51	0.04	0.2	0.7	0.04	0.252
2495	0.49	0.03	0.17	0.59	0.04	0.285
2496	0.58	0.04	0.21	0.69	0.03	0.264
2497	1.99	0.02	0.16	0.42	0.58	0.146
2498	0.22	0.02	0.15	0.46	0.02	0.189

SAMPLE No.	Ca %	Na %	K %	Al %	Mg %	P %
2499	0.3	0.02	0.15	0.42	0.03	0.163
2500	0.63	0.04	0.26	0.7	0.03	0.286
2501	0.17	0.01	0.14	0.27	0.06	0.029
2502	0.12	0.01	0.3	0.53	0.13	0.082
2503	0.02	0.01	0.23	0.2	0.01	0.004
2504	0.71	0.03	0.39	0.69	0.29	0.104
2505	0.43	0.02	0.32	0.74	0.23	0.111
2506	0.02	0.01	0.19	0.18	0.01	0.004
2507	0.03	0.01	0.49	0.18	0.01	0.014
2508	1.61	0.01	0.39	0.7	0.14	0.134
2509	4.34	0.02	0.39	0.53	0.1	0.109
2510	0.12	0.01	0.22	0.53	0.02	0.131
2511	0.11	0.01	0.21	0.46	0.02	0.139
2512	0.04	0.01	0.21	0.39	0.02	0.053
2513	1.33	0.01	0.17	0.28	0.58	0.041
2514	0.94	0.01	0.26	0.69	0.42	0.142
2515	0.23	0.01	0.26	0.56	0.13	0.096
2516	0.99	0.01	0.25	0.55	0.15	0.114
2517	0.24	0.01	0.25	0.61	0.16	0.091
2518	0.28	0.01	0.28	0.69	0.21	0.104
2519	0.25	0.01	0.28	0.63	0.12	0.102
2520	8.43	0.01	0.16	0.45	1.23	0.093
2521	9.57	0.01	0.15	0.41	1.59	0.136
2522	5.07	0.01	0.23	0.56	1.1	0.269
2523	8.18	0.01	0.18	0.39	1.99	0.056
97 WE-01	0.01	0.01	0.36	0.38	0.02	0.004
97 WE-02	0.01	0.01	0.42	0.47	0.02	0.223
97 WE-03	0.02	0.01	0.47	0.36	0.02	0.007



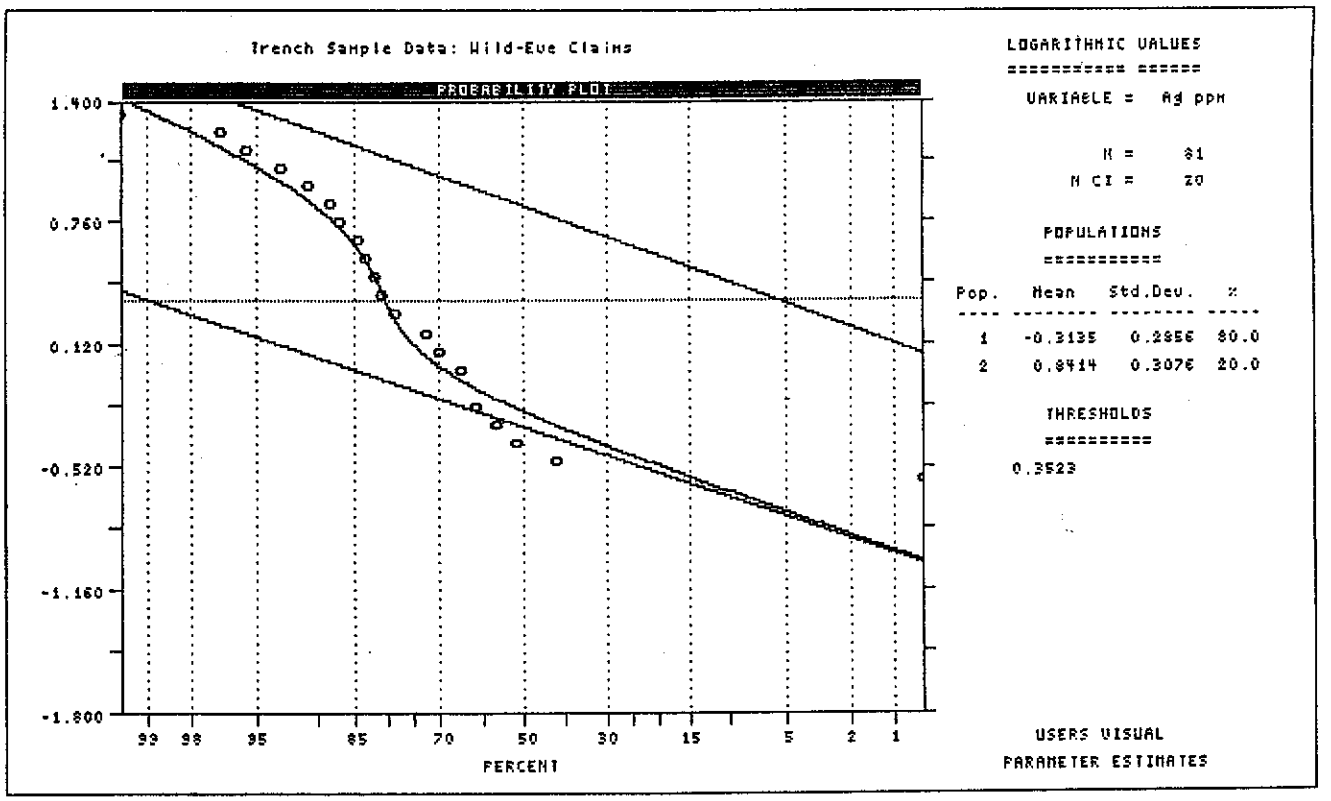
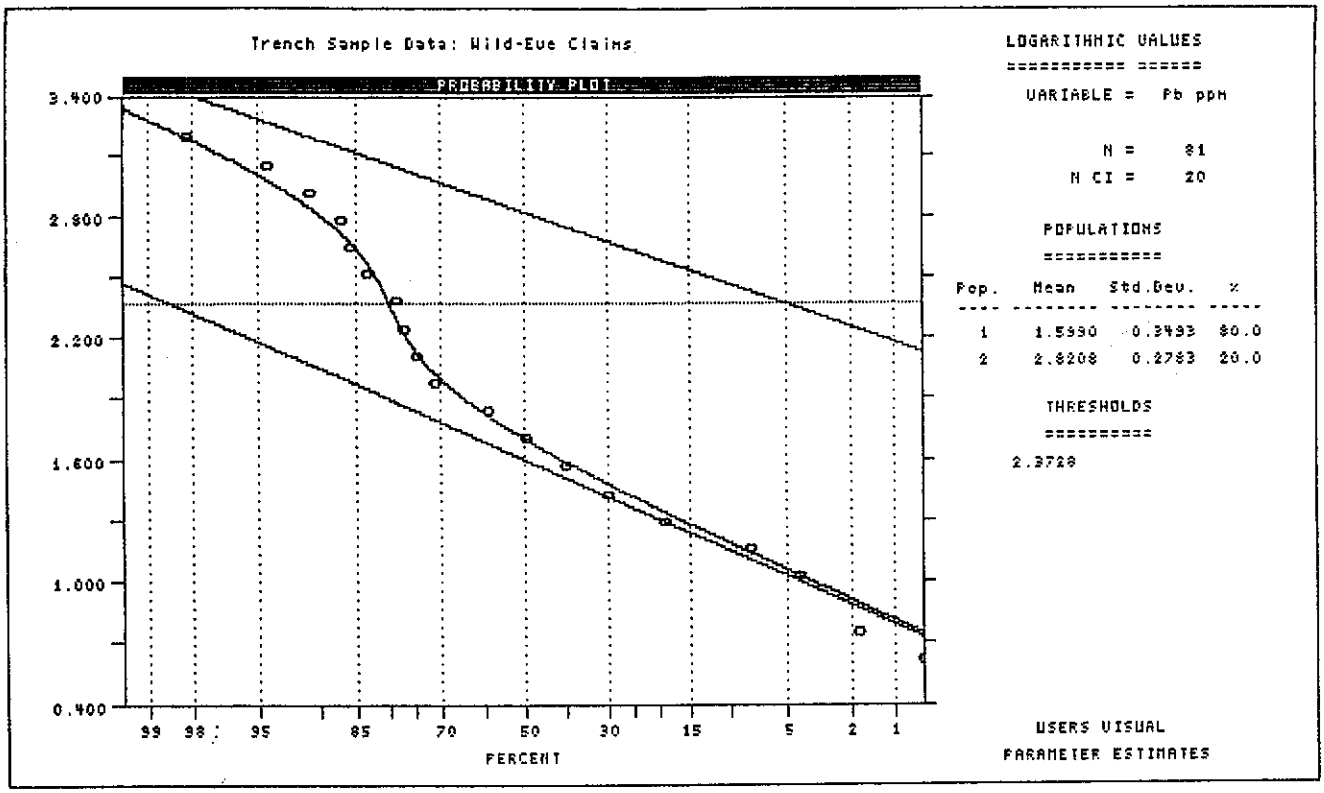


Figure 27. Probability Plots of Au & Ag in Trenches - WILD-EVE claims



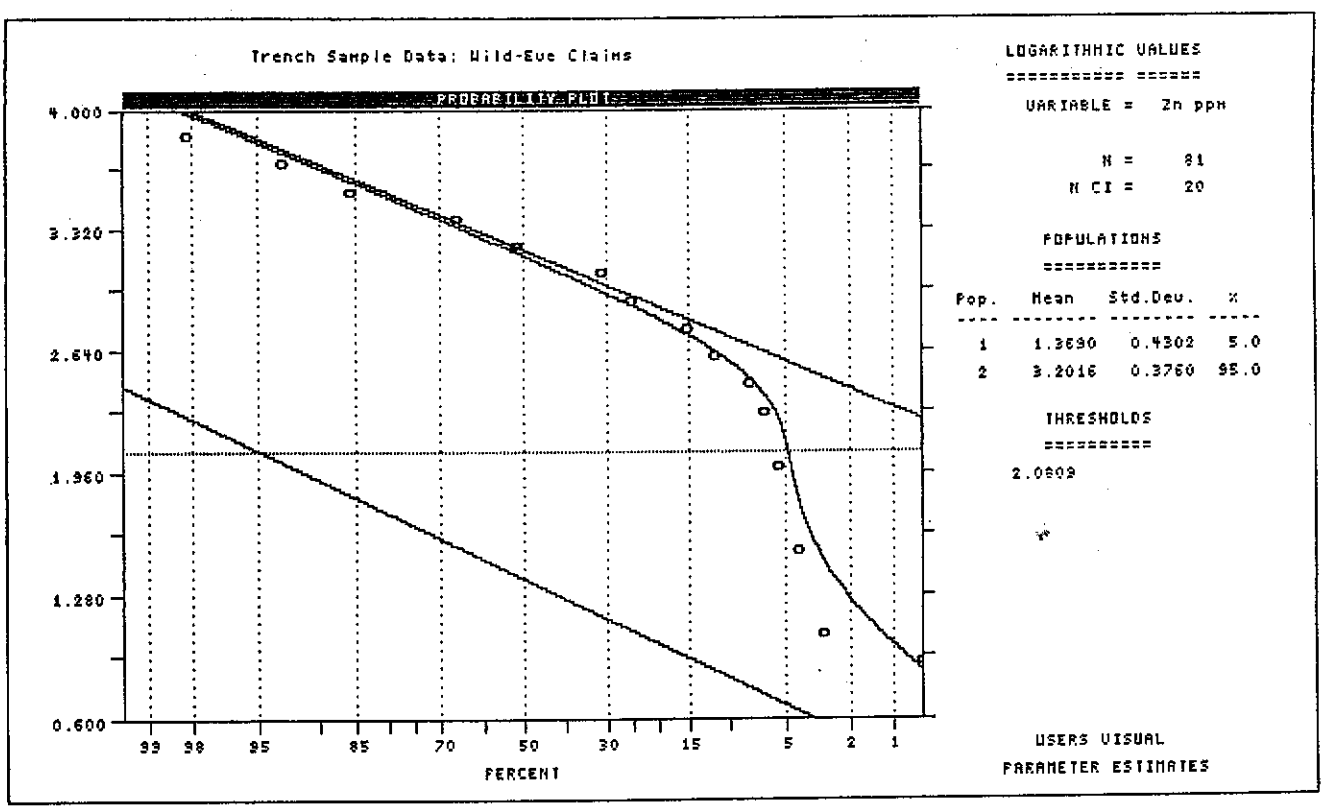
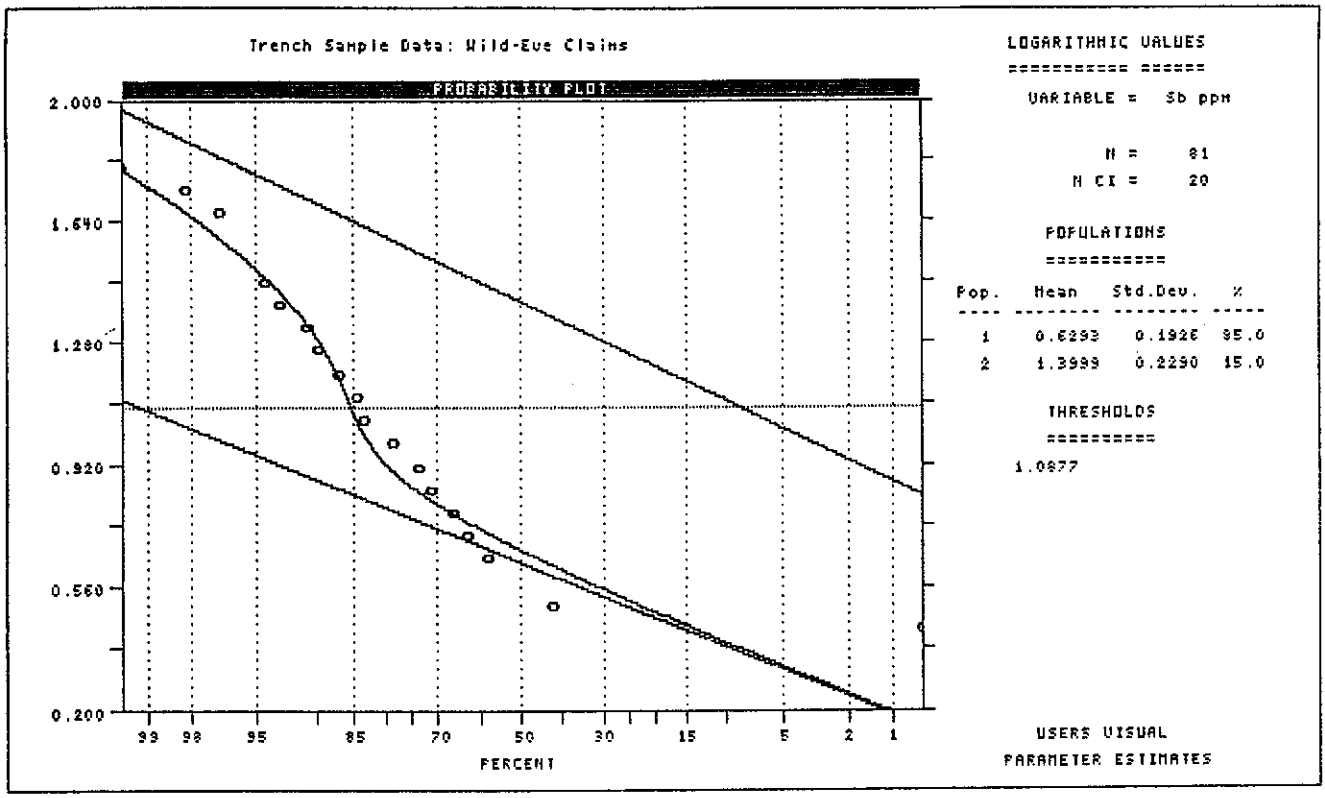


Figure 28. Probability Plots of Pb & Zn in Trenches - WILD-EVE claims



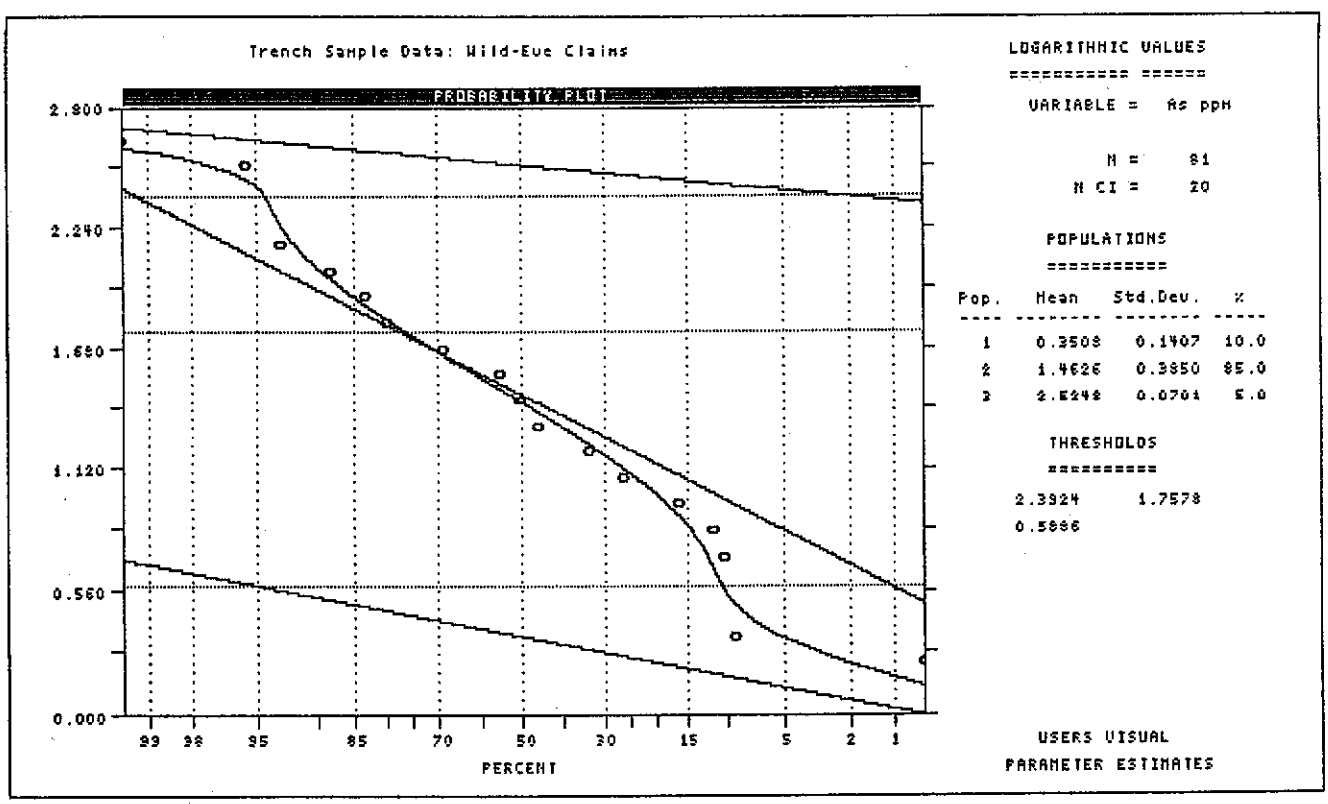
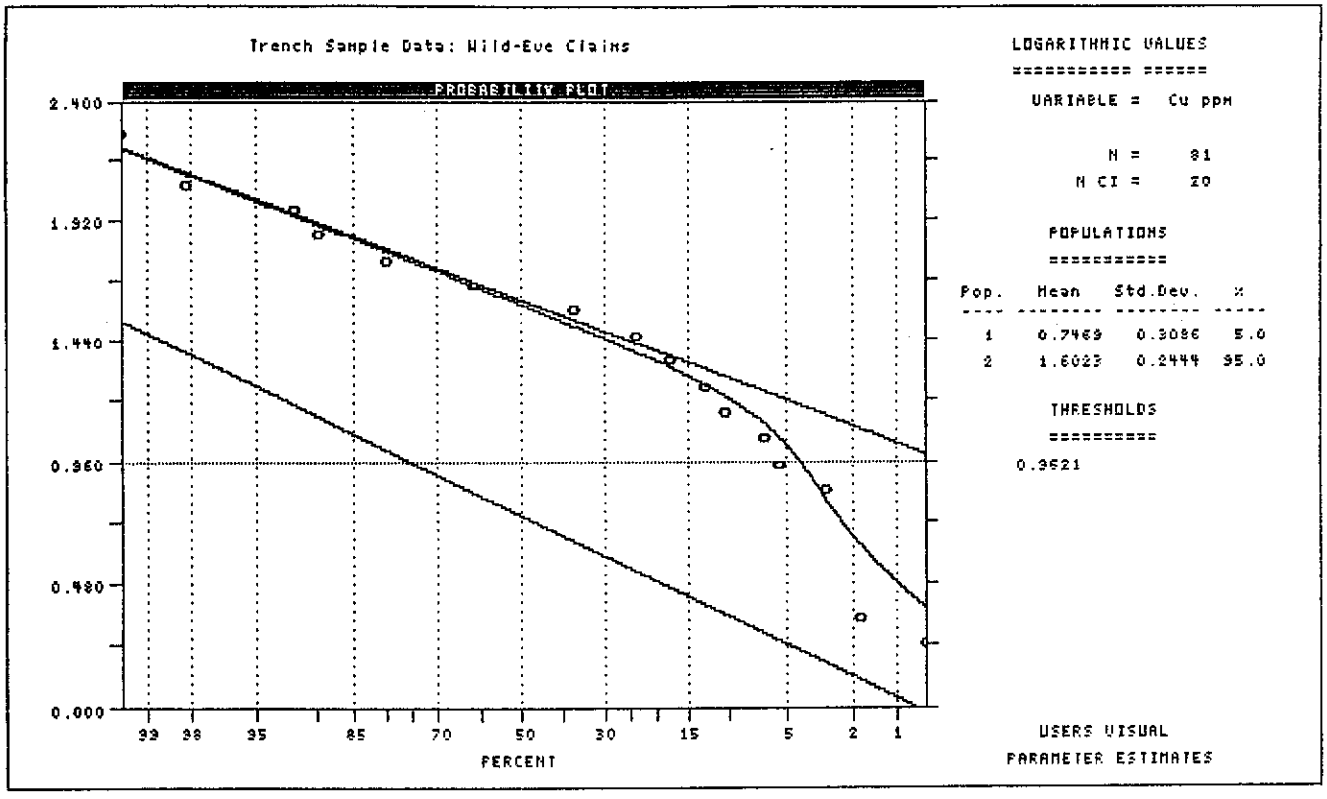


Figure 29. Probability Plots of Sb & As in Trenches - WILD-EVE claims



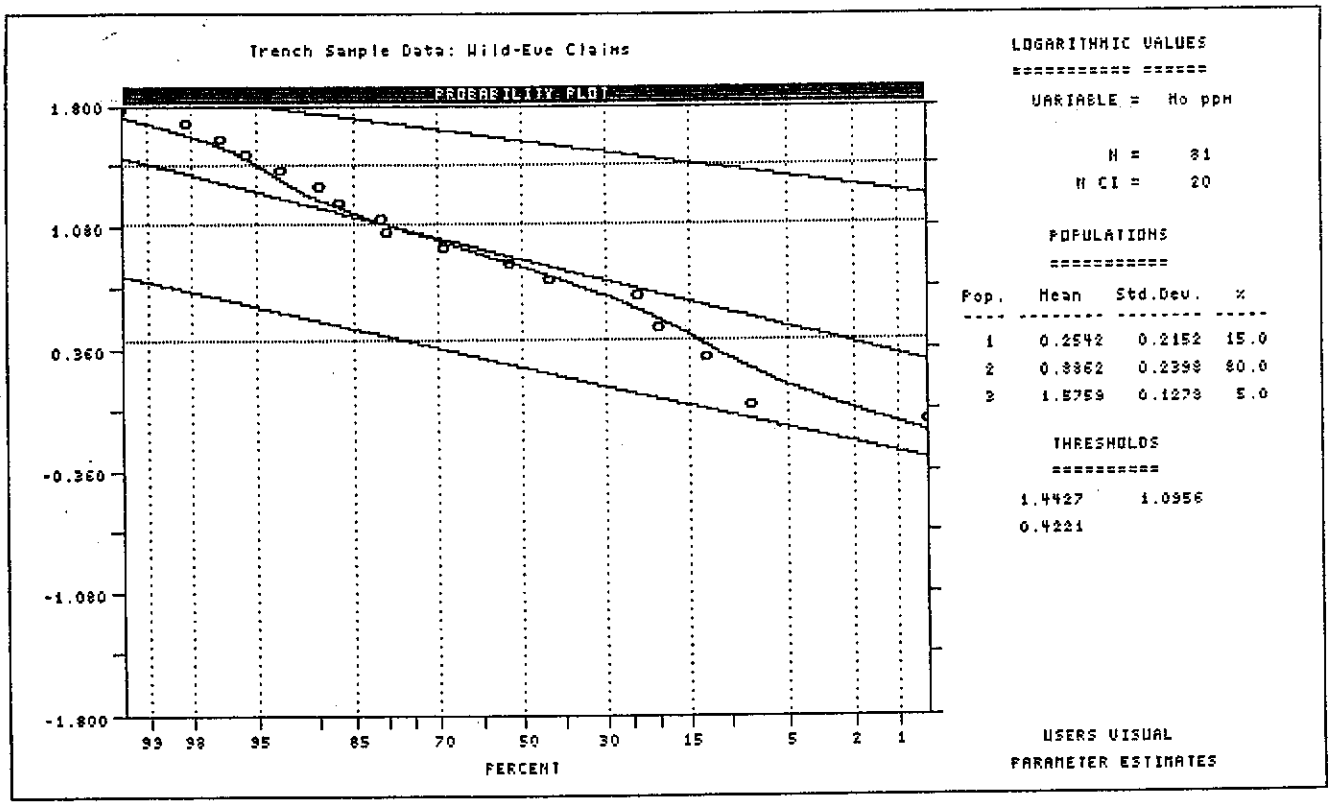


Figure 30. Probability Plots of Cu & Mo in Trenches - WILD-EVE claims

APPENDIX B

PETROGRAPHIC REPORT

Vancouver Petrographics Ltd.

8080 GLOVER ROAD, LANGLEY, B.C. V1M 3S3
PHONE (604) 888-1323 • FAX (604) 888-3642
email: vanpetro@vancouver.net

Report for: Carl G. Verley,
Amerlin Exploration Services LTd.,
2150 - 1851 Savage Rd.,
RICHMOND, B.C.
V6V 1R1

Job 970697

October 2, 1997

SAMPLES:

4 rock specimens from the Pelly Mountains, Y.T. were submitted for petrographic examination. Typical portions of each were prepared as polished thin sections.

The samples are numbered 97 WE 01 through 04.

SUMMARY:

Sample 01 is a rather tough, well-indurated variety of black shale or mudstone. It is composed dominantly of compact sericite, the dark colouration being produced by close-spaced films of opaque carbonaceous material. Tiny augen of quartz are an evenly distributed accessory, probably representing an original cherty component. The sectioned portion also includes a group of coarse, clast-like features composed of microgranular quartz with some incorporated black shale. These are prominently vuggy, with empty elongate and cubic cavities. Their origin is uncertain, but may be similar to that of the smaller, dispersed siliceous specks.

Sample 02 is texturally and compositionally similar to 01, but lacks the dark carbonaceous component. A rather irregular, lensy foliation is defined by wisps of micron-sized rutile in the compact sericite matrix. This sample includes a high proportion of siliceous clumps, ranging up to 1 or 2 cm in size. These show strikingly vuggy, carious texture, being riddled with empty cavities up to several mm in size. Some contain more or less abundant clusters of pyrite euhedra and/or a brown translucent, spherulitic component (Fe phosphate). Micro-granular to platytextured quartz mantles the pyrite grains and empty cavities.

Sample 03 is similar to 02, except that the relatively abundant pyrite occurs rather evenly scattered through the compact sericite matrix, as individual grains mantled by fibro-lamellar quartz and flaky sericite. There are also abundant empty cubic cavities - presumably originally occupied by pyrite. A network of rutile wisps in the matrix of this sample defines a pellety cryptofragmental fabric - possibly indicating origin as a glassy pyroclastic.

Sample 04 differs from the others in lacking foliated, shale-like character, and in being non-vuggy. It consists of a matrix of compact sericite through which are scattered vari-sized grains and poly-granular aggregates of quartz - the latter sometimes including a component of intergrown carbonate. Pyrite occurs as randomly disseminated grains and clumps, sometimes mantled by quartz. This rock has a cryptoframental fabric which suggests that it could be a modified felsic volcanic or tuff.

Whilst not providing definitive evidence, the petrographic study tends to support your suggested hypothesis of a volcanic component within the shale package.

The pale colour is not due to alteration, but to an absence of the carbonaceous matter which causes the black colour of the shale. The presence of rutile wisps instead of carbon in Samples 02 and 03 is possibly supportive of igneous affinities. There is no evidence for mylonitic character in Sample 04. The relative abundance of pyrite in Samples 02, 03 and 04 is another feature suggesting that they are something different from the black shale (01), though the siliceous segregations in the latter could be indicative of a chert component - possibly of exhalative origin.

No sulfides other than pyrite were seen. The prevalence of empty casts - presumably once occupied by pyrite - suggests that these rocks may have been leached in some way.

Individual sample descriptions are attached.

J.F. Harris Ph.D.

929-5867

SAMPLE 97 WE 01

Estimated mode

Sericite	72
Carbonaceous matter	10
Quartz	18

The sectioned portion of this sample consists of finely laminated black shale, incorporating a localized cluster of coarse, pebble-like siliceous segregations, 2 - 8 mm in size.

The shale lithotype is composed dominantly of compact, minutely felted to sub-oriented sericite. The black body colour is caused by close-spaced (5 - 50 microns) parallel/anastomosing films of carbonaceous material which define a distinct crenulate foliation and a weakly developed oblique strain-slip cleavage.

Tiny augen-like individual quartz bodies, 10 - 200 microns in size, occur evenly scattered through the shale (making up some 10% of the rock). Except for the very smallest ones, these typically consist of minutely polycrystalline aggregates, and most likely represent authigenic concentrations of chert. The same material also forms occasional semi-continuous, thin, concordant bands or lenses.

The prominent, larger, clast-like features are of similar character (varigranular quartz mosaics with rare intergrown sericite flakes) and are notably vuggy. The porosity partly shows sub-radiate/acicular form, suggestive of the leaching-out of some original soluble component (gypsum?, sulfides?). A few cubic cavities (after original pyrite?) are also distinguishable.

The hosting shale is devoid of sulfides.

SAMPLE 97 WE 02

Estimated mode

Quartz	22
Sericite	60
Rutile	7
Mineral X	1
Pyrite	10

Examination of the of-cut of this sample shows a shaly host exhibiting a similar fabric to the previous sample, but devoid of black pigmentation. The proportion of intercalated siliceous segregations is substantially higher than in WE 01, and these are notably vuggy. Some contain occasional small grains of pyrite - apparently deposited on the walls of the open vugs. They possiby represent the unleached remnants of originally more abundant sulfides which once occupied the boxwork cavities.

In thin section the shaly component is found to consist, as in the previous sample, essentially of compact, minutely felted sericite. The foliation in this case is defined by close-spaced, strongly crenulate/anastomosing films of brownish, sub-opaque material. In reflected light this is readily recognizable as micron-sized rutile.

The siliceous clumps and lenses are composed of varigranular quartz (grain size 20 - 150 microns), locally showing fibro-lamellar habit. Flakes of sericite, comparable in size to the quartz granularity, occur sporadically intergrown - particularly in the peripheral areas of the quartz clumps.

The vugginess takes the form of boxworks of semi-coalescent cubic cavities, partly filled by pyrite. The latter commonly shows strikingly ragged, fretted outlines - possibly indicative of partial leaching. Other cavities are empty. Interestingly, evidence of oxidation in the form of pseudomorphous or dispersed limonite, is totally absent.

An additional minor constituent of the silceous segregations is a translucent brownish mineral, typically showing botryoidal/spherulitic form. This sometimes appears to fill cubic cavities, and sometimes occurs as small random clumps within the quartz or intergrown with pyrite. It exhibits rather variable optical properties (sometimes isotropic, other times quite strongly anisotropic) and is of uncertain identity.

This mineral was checked by SEM/EDX microanalysis and found to have an elemental composition of Fe and P. It is probably a hydrated Fe phosphate, of which the species phosphosiderite ($4FePO_4.7H_2O$) or strengite ($FePO_4.2H_2O$) best match the observed optical properties and habit.

SAMPLE 97 WE 03

Estimated mode

Quartz	10
Sericite	70
Rutile	5
Pyrite	15

The off-cut of this sample shows a microlenticularly foliated hosting phase similar to that of the previous sample, but lacks the prominent vuggy siliceous segregations which distinguish WE 02. Instead, it shows a rather evenly developed speckling of pyrite grains, as cubic individuals and small clumps thereof, and of empty cubic cavities which presumably represent the sites of original pyrite.

Thin section examination confirms that the matrix is similar to that in the previous sample, consisting of compact, minutely felted sericite in which anastomosing wisps of micron-sized rutile delineate an irregular foliation. In the present case this often appears to be more in the nature of a network outlining close-packed, equant/sub-rounded to elongate/lenticular forms, 0.03 - 0.5 mm in size. These pellety forms are sometimes also distinguishable by variations in coarseness of the sericite matrix, and may reflect a primary fragmental texture - possibly of small glassy ejecta in an altered lithic ash tuff.

The disseminated pyrite occurs as individual cubic euhedra, and small clumps thereof, 0.2 - 1.0 mm in size, typically mantled by fibro-lamellar quartz (oriented normal to the pyrite contacts) with intergrown, relatively coarse flakes of sericite. This feature is probably the result of authigenic mobilization and redeposition of silica around the pyrite grains.

The pyrite in the thin section is typically extremely irregular in shape, with complexly fretted outlines, or is reduced to clusters of ragged remnants. This does not appear to be the case in the off-cut where, although many of the silica-walled cubic forms are missing their contents (presumably original pyrite), the surviving pyrite grains generally appear well-formed.

It is unclear whether the empty cavities and ragged outlines are the result of some form of chemical leaching, or whether they are a function of plucking during slide preparation. Certainly this particular slide has been ground slightly too thin.

SAMPLE 97 WE 04

Estimated mode

Quartz	38
Sericite	43
Carbonate	4
Rutile	trace
Pyrite	15

The off-cut of this sample is distinctly different in appearance compared with the previous ones. It lacks both the black pigmentation of 01 and the prominent vugginess of 02 and 03, and is perceptibly harder overall. It shows a weakly foliated, diffusely clumpy fabric of cryptofragmental aspect.

In thin section it lacks the small-scale microlenticular foliation (defined by carbonaceous matter or dust-sized rutile) exhibited by the other samples. It is devoid of both these constituents and, instead, is distinctive for its content of an accessory component of carbonate.

It is made up essentially of a matrix of compact, fine-grained, felted to partially oriented sericite. The other major constituent - quartz - occurs as ill-defined, ghost-like, sub-equant grains, 30 - 300 microns in size, scattered throughout the sericite matrix; and as more sharply defined, irregular/elongate clumps, to 1 or 2 mm in size, of polygranular, mosaic-textured or fibro-lamellar habit. The latter sometimes include pockets of sparry carbonate, and/or occur mantling the rather abundant disseminated pyrite which is the remaining constituent of this rock.

The polygranular form of quartz sometimes appears to develop as overgrowths on, or partial replacements of, the more diffuse disseminated quartz grains.

Minor carbonate occurs in more diffuse manner as sparse, small flecks within the sericite matrix. Traces of rutile are also seen as disseminated specks in the sericite.

The sulfides are fresh, monomineralic pyrite. They occur as individual subhedral grains or small polygranular clumps thereof.

The origin of this rock is uncertain, but it has a more igneous look than the other three, and could possibly represent a form of modified felsic volcanic or tuff.

APPENDIX C

PERSONNEL

PERSONNEL

Carl G. Verley 566 West 63rd Avenue Vancouver, B.C.	Geologist
Greg Sinitsin 1030 East 29th Avenue North Vancouver, B.C.	Geotechnian
Mark Roden 404 - 105 Keith Road North Vancouver, B.C. V7M 1L1	Geotechnian
Don Chisohm C/O H. Coyne & Sons Ltd. 14 MacDonald Road Whitehorse, Yukon Y1A 4L2	Excavator Operator

APPENDIX D

WRITER'S CERTIFICATE

STATUTORY DECLARATION

CANADA)
) In the matter of a trenching & geochemical report on behalf of
) Mountain Province Mining Inc.
TO WIT:)

I, Carl G. Verley, agent for Mountain Province Mining Inc.

of 1205 - 789 West Pender Street, Vancouver, B.C. V6C 1H2

do solemnly declare, - that trenching & geochemical work was conducted on the EVE 69 - 72 mineral claims, Watson Lake Mining District, Yukon, during the period August 4 to September 2, 1997. Expenditures for this work include:

Salaries, management fees, consulting	$22,875.00
Assay and analytical	5,357.85
Equipment rental	1,000.00
Excavator rental	27,801.29
Field supplies	495.74
Food	439.83
Freight	759.09
Helicopter support	7,961.10
Hotel	400.15
Telephone	26.32
Vehicle rental	2,380.01
Total	**$72,537.62**

And I make this declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of The Canada Evidence Act.

Declared before me at VANCOUVER)
in the Province of B.C. this)
7th day of October 1997.)

Carl G. Verley

Notary Public.

RALPH C. MACNEILL
BARRISTER & SOLICITOR
CAMPNEY & MURPHY
P.O. Box 48800
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AMERLIN EXPLORATION SERVICES LTD.
2150 - 1851 Savage Road, Richmond, B.C. V6V 1R1 Tel/Fax (604) 821-1088

WRITER'S CERTIFICATE

I, Carl G. Verley of Vancouver, British Columbia hereby certify that:

1. I am a geologist with business office at 2150 - 1851 Savage Road, Richmond, B.C.

2. I am a graduate of the University of British Columbia, B.Sc. in 1974, and have practised my profession since that time.

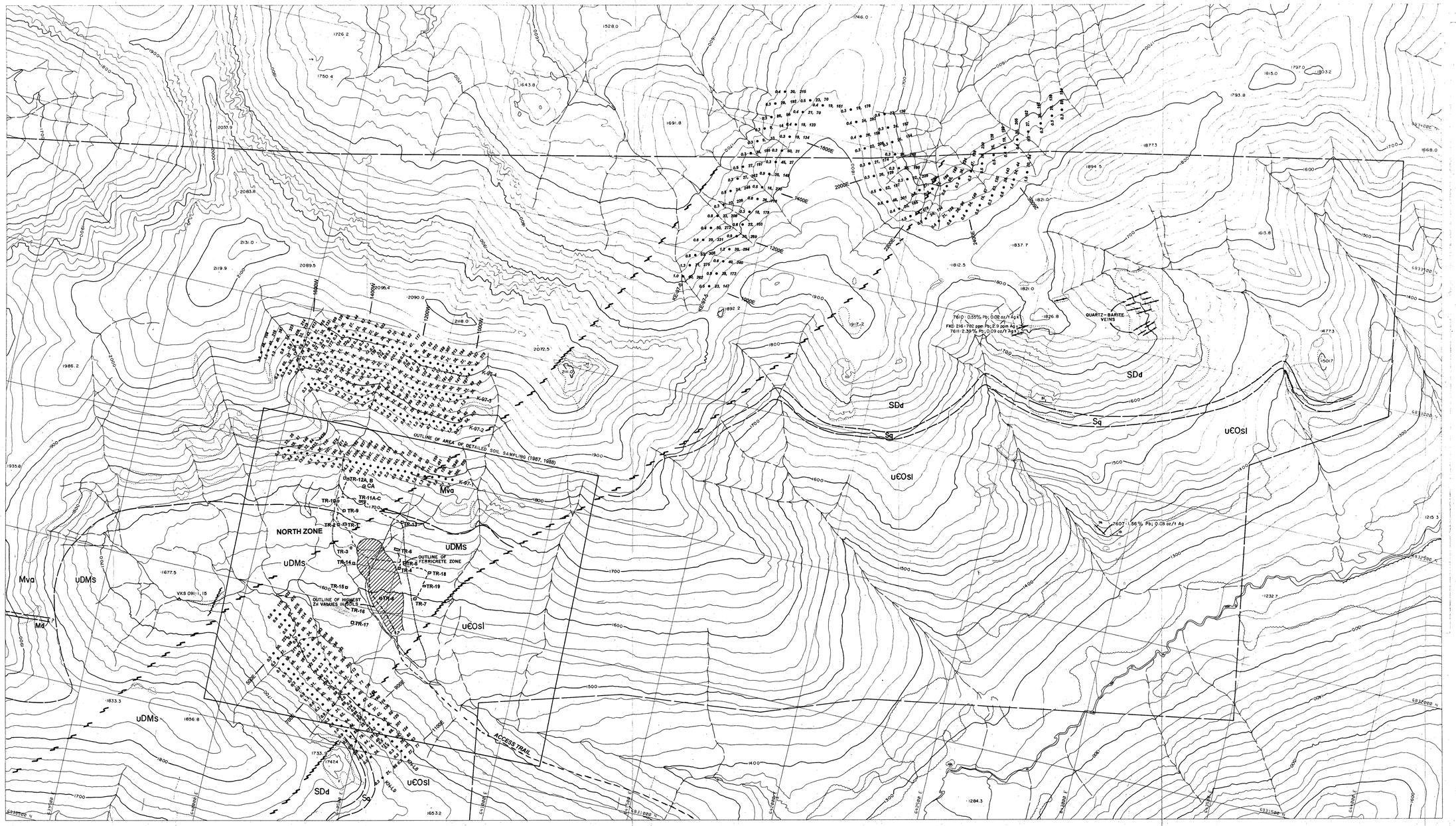
3. I am a registered member of the Association of Professional Engineers and Geoscientists of the Province of B.C.

4. I am the author of this report which is based on the work described herein pertaining to the WILD-EVE claims and conducted during the period August 4, 1997 to September 2, 1997.

Amerlin Exploration Services Ltd.

Carl G. Verley, P.Geo.

January 16, 1998.
Richmond, B.C.



LEGEND

LITHOLOGIES

MISSISSIPIAN

- Md — Dyke rocks
- Mc — Carbonatite, Mcbx carbonatite breccia
- My — Syenite
- Mva — Volcanics, pyroclastics

UPPER DEVONIAN - MISSISSIPPIAN

- uDMs — Shale

SILURIAN - DEVONIAN

- SDd — Carbonates

SILURIAN

- Sq — Quartzite

UPPER CAMBRIAN - ORDOVICIAN

- uЄOsl — Limestone, slate

LOWER CAMBRIAN

- lЄs — Limestone, fossiliferous lЄd-dolomitized; lЄu-undivided
- lЄz — Calcareous mudstone
- lЄl — Black laminated limestone

PRECAMBRIAN(?)-LOWER CAMBRIAN

- P lЄsq — Quartzite and phyllite

SYMBOLS

- Outcrop distribution
- Bedding
- Foliation
- Fractures / joints
- Fold axis cleavage
- Fold axis lineation
- Axis of overturned fold
- Lithologic contact, definite, inferred
- Vein, quartz unless otherwise noted
- Fault, definite, inferred
- Syncline axis
- Limonitic rubble
- X EAST ZONE — Mineral occurrence
- x VKR091I.2,37 — Rock sample location, sample number (VKR 091) with Au in ppb, As in ppm
- ○ GKD 107: 3,18 — Soil/talus fine sample location sample number (GKD 107) with Au in ppb, As in ppm
- △ VKS 037I.1,17 — Stream silt sample location, sample number (VKS 037) with Au in ppb, As in ppm
- ⊗ CA — Cyprus Anvil drill hole collar

1997 SAMPLING

- 0.6 • 98, 380 — Soil sample site with silver, lead and zinc in ppm
- TR-1 — Trench location

NOTE: MAGNETIC DECLINATION 31°E (1987).

093 302

ARTEMIS VENTURES INC.

GEOLOGY AND GEOCHEMISTRY

NORTH ZONE, WILD-EVE CLAIMS

CLOUTIER CREEK MAP-SHEET, NTS 105F/9
WATSON LAKE MINING DISTRICT, YUKON

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Scale 1:5,000

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SHEET INDEX

PRELIMINARY RECONNAISSANCE TYPE MAPPING
Scale and elevation errors based on limited ground control resulting in good relative but uncertain map accuracy

McElhanney Surveying & Engineering Ltd.
1166 Alberni Street, Vancouver B.C., Canada

Compiled from aerial photography taken in 1972 at an approximate scale of 1: 48000

SCALE 1:5000 | CONTOUR INTERVAL 20 Metres

DATE COMPILED May 1987 | SHEET NUMBER 2 of 6

REF. No. 1106 - 0

PLATE 1.