ASSESSMENT REPORT ON THE BAYONNE CLAIM GROUP

EAST AND WEST GROUPINGS

NELSON MINING DIVISION

NTS 82 F/2

49 DEG 10′ LATITUDE 116 DEG 57′ LONGITUDE

OWNER OF CLAIMS: GOLDRICHE RESOURCES, LIGHTNING MINERALS

OPERATOR: LIGHTNING MINERALS LTD.

BY: AUSTIN HITCHINS B.Sc

DECEMBER 17, 1987

Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S): GEOLOGICAL / GEOCHEMICAL

TOTAL COST: $23,447.25

AUTHOR(S): AUSTIN HITCHINS

SIGNATURE(S): [signature]

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED: ~~Oct 19/87~~ Nov 17/87

YEAR OF WORK: 87

PROPERTY NAME(S): BAYONNE GROUP ... WEST CRAWFORD

COMMODITIES PRESENT: GOLD

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN:

MINING DIVISION: NELSON

NTS: 82 F/3

LATITUDE: 49° 10'

LONGITUDE: 116° 57'

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

BAY 100 2984(3), BAY 500 3115(5), BAY 600 3116(5), BAY 700 3117(5) / OHIO 5962
BAYONNE 1 2503 (11) / KENTUCKY 5966 / MARYLAND 5055 / COLUMBUS 5961
BAYONNE 5083 / VIRGINIA 6887 / ILLINOIS 6885 / OXFORD 5084 / SHOOKUM 9360
NEW JERSEY 5967 / DELAWARE 5960 / ONTARIO 13016

OWNER(S)

(1) GOLD RIVER RESOURCES INC (2)

MAILING ADDRESS

1730, 401 WEST GEORGIA ST
VANCOUVER B.C. V6B 5A1

OPERATOR(S) (that is, Company paying for the work)

(1) LIGHTNING MINERALS LTD. (2)

MAILING ADDRESS

202, 7608 - 103 ST
EDMONTON ALTA
T6E 4Z8

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

20 Km² AREA IN MESOZOIC BAYONNE BATHOLITH. ALL GRANODIORITE. MINERALIZATION IN STEEPLY DIPPING HEAVILY OXIDIZED SHEAR ZONES UP TO 4 m WIDE + QUARTZ VEINING IN SHEAR ZONES FROM 0 - 3 METERS. ORE AS LIMONITIC OXIDIZED ZONE TO 150 M FROM SURFACE. BELOW THAT IS AN UNALTERED SULFIDE ZONE. ALL BEARING GOLD

REFERENCES TO PREVIOUS WORK:

(over)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground	1:2000 20Km^2	SEE PAGE I EXCEPT BAY 100	$8048.50
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ....)			
Soil	606	SKOOKUM / NEW JERSEY / DELAWARE /	$7423.50
Silt	21	BAYONNE / COLUMBUS / OHIO / KENTUCKY	$257.25
Rock	78	MARYLAND BAYONNE 1	$955.00
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	SAMPLING		$3980
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)	17,650 m	SAME AS GEOCHEM	$2783.00
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
		TOTAL COST	$23,447.25

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted .... Date	Rept. No.			Information Class

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
GEOLOGICAL/GEOCHEMICAL	$30,534.00

AUTHOR(S) Austin Hitchins SIGNATURE(S) [signature]

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED Nov 17/87 YEAR OF WORK 87

PROPERTY NAME(S) BAYONNE GROUP (EAST GROUPING)

COMMODITIES PRESENT GOLD

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION NELSON NTS 82 F/3

LATITUDE 49° 10' LONGITUDE 116° 57'

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

BAY 200 2985 (3), BAY 300 2986 (3), BAY 400 2987 (3), BAY 2 2504 (11)
SUMMIT BELLE 10777/MAGGIE ANNA 10776/MICHIGAN 10775/MONTANA 10778
LAST CHANCE 9358/BLUEBIRD 9357/MAYFLOWER 9356/ECHO 13014/ECHO FR 13015/ST ECHO 13018
PORTLAND 13017/IDAHO 13019/AMIC I 2708/YUKON 2681/AMIC II 2709/BMAC 2-2725
BMAC 1-2724/TYE I 3731

OWNER(S)

(1)

(2) GOLDRICH RESOURCES INC

MAILING ADDRESS

1739, 401 WEST GEORGIA ST VANCOUVER B.C. V6B 5A1

OPERATOR(S) (that is, Company paying for the work)

(1) LIGHTNING MINERALS LTD (2)

MAILING ADDRESS

202, 7608 - 103 ST
EDMONTON ALTA T6E 4Z8

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

20 Km² AREA IN BAYONNE BATHOLITH ALL GRANODIORITE MINERALIZATION IN STEEPLY DIPPING HEAVILY OXIDIZED SHEAR ZONES UP TO 4 METRES WIDE. QUARTZ VEINING IN SHEAR ZONES FROM 0-3 METERS. ORE AS LIMONITIC OXIDIZED ZONE 150 m FROM SURFACE. BELOW THAT IS AN UNALTERED SULFIDE ZONE. (MESOZOIC) BEARING GOLD

REFERENCES TO PREVIOUS WORK REPORT OF THE MINISTER OF MINES 1937 + 1938 NELSON MINING DIVISION

(over)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground	1:2000 20 Km^2	ALL OF EAST GROUPING SAVE	
Photo		BAX 200 AND CLAIMS WITHIN	$16,287.50
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	6000 m	ECHO ST. ELMO	$535.00
Electromagnetic	6000 m	" "	
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ....) 30 ELEMENT ICP + AA FOR AU			
Soil	304	ECHO, ST. ELMO, IDAHO, BAYONNE 2	$3,699.50
Silt	4		$49.00
Rock	42		$514.50
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	SAMPLING		$1,320.00
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)	8500 m	ECHO, ST. ELMO IDAHO, BAYONNE 2	$927.00
Road, local access (kilometres)	350 m	ECHO, ST. ELMO	
Trench (metres)	450 m	ECHO, ST. ELMO	$7,201.50
Underground (metres)			
		TOTAL COST	$30,534.00

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted .... Date	Rept. No.			Information Class

TABLE OF CONTENTS

1.0 - LIST OF FIGURES

2.0 - INTRODUCTION

2.1 - OBJECTIVES

The chief purpose of the August 4 to November 9, 1987 exploration of the Bayonne claims was to locate any structures adjacent to the mined out Bayonne/A-vein system. Once structures were delineated then more detailed work could commence in order to assess their potential for gold mineralization. More general reconnaissance of the claim group was also undertaken in order to examine old long since abandoned workings and assess their potential as well. These include the Summitt Belle group as well as the Montana claim. Detailed mapping and sampling was also done on what is being called the west grid - across the valley from the Bayonne Mine. The purpose here was to locate the possible western extension of the Bayonne Main Vein.

Mapping is done on 1:2000 for grid work, 1:10,000, 1:15,000, and 1:43,000 for traverses covering the claims, listed in section 2.4, over an estimated 80 square kilometres.

2.2 - LOCATION AND ACCESS - figures 1, 2, 3, 4

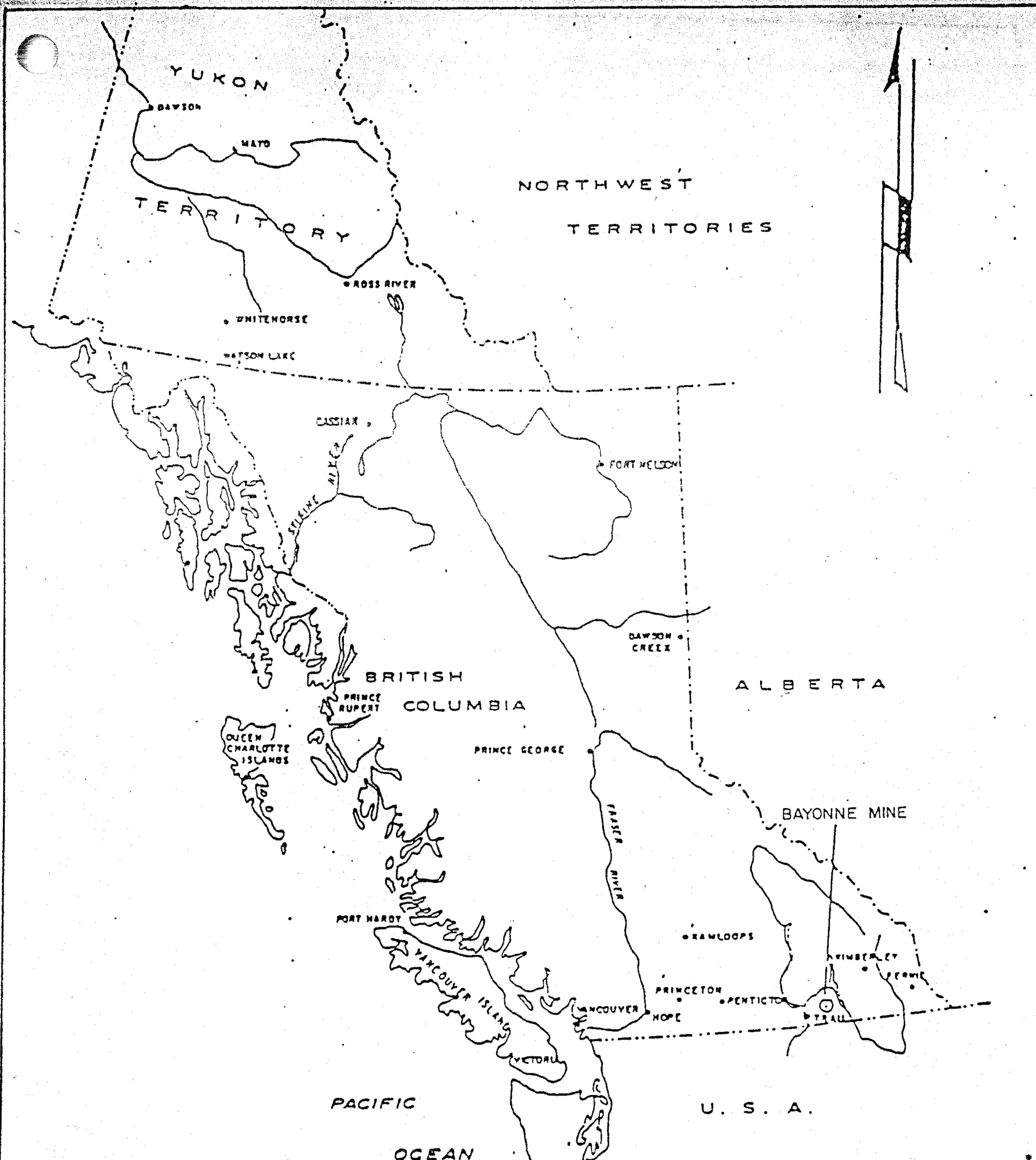
Part of the Nelson Mining Division in south eastern British Columbia, the Bayonne claim group is located about 5.5 kilometres north of the Salmo-Creston Highway and is accessible by a 10 kilometre gravel road in good condition which follows Bayonne Creek, shown in figure 1. The turnoff from the main highway is located approximately 46 kilometres from Salmo and 33 kilometres from Creston. The mine site is located on the western flank of John Bull Mountain (2225 metres), part of the Selkirk Range.

2.21 - EAST-WEST CLAIM GROUPINGS - figure 2

The claims have been split into an east and a west grouping for the purpose of assessment, shown in figure 2. While the body of this report treats both groupings as one, and itemized cost statement for each grouping is included in sections 14.0 and 15.0.

2.22 - BAYONNE GROUP

The claim area is extensive covering more than 40 square kilometers. Most of the work was done on the east grid which includes the Bayonne Mine and the Echo and St. Elmo structures. The Bayonne claims are located in alpine to subalpine area with



GOLDRICH RESOURCES INC.

BAYONNE PROPERTY

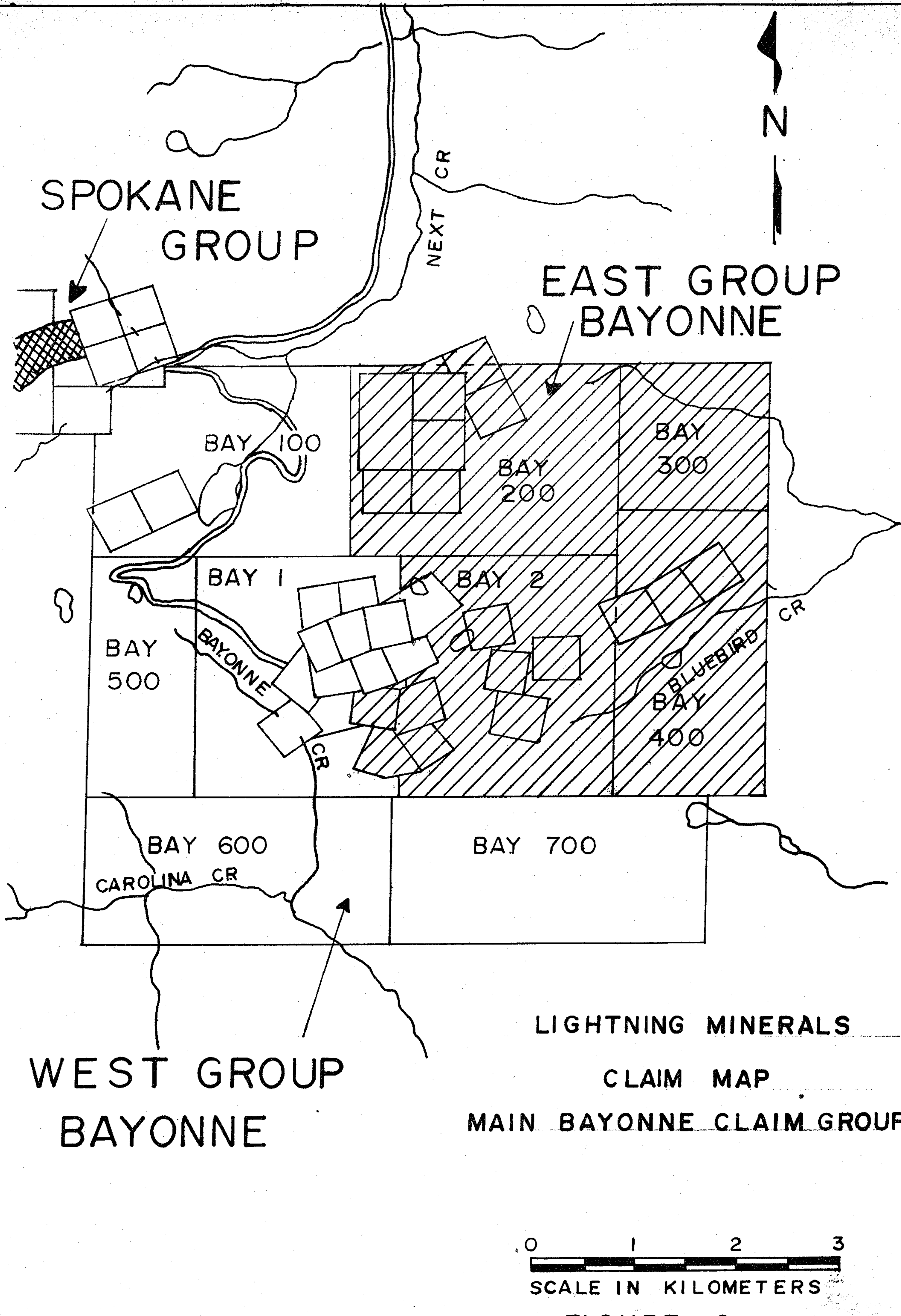
LOCATION MAP

21/07/84	FIGURE No.1

100 0 200miles

1"=200 Miles

100 0 300Km.

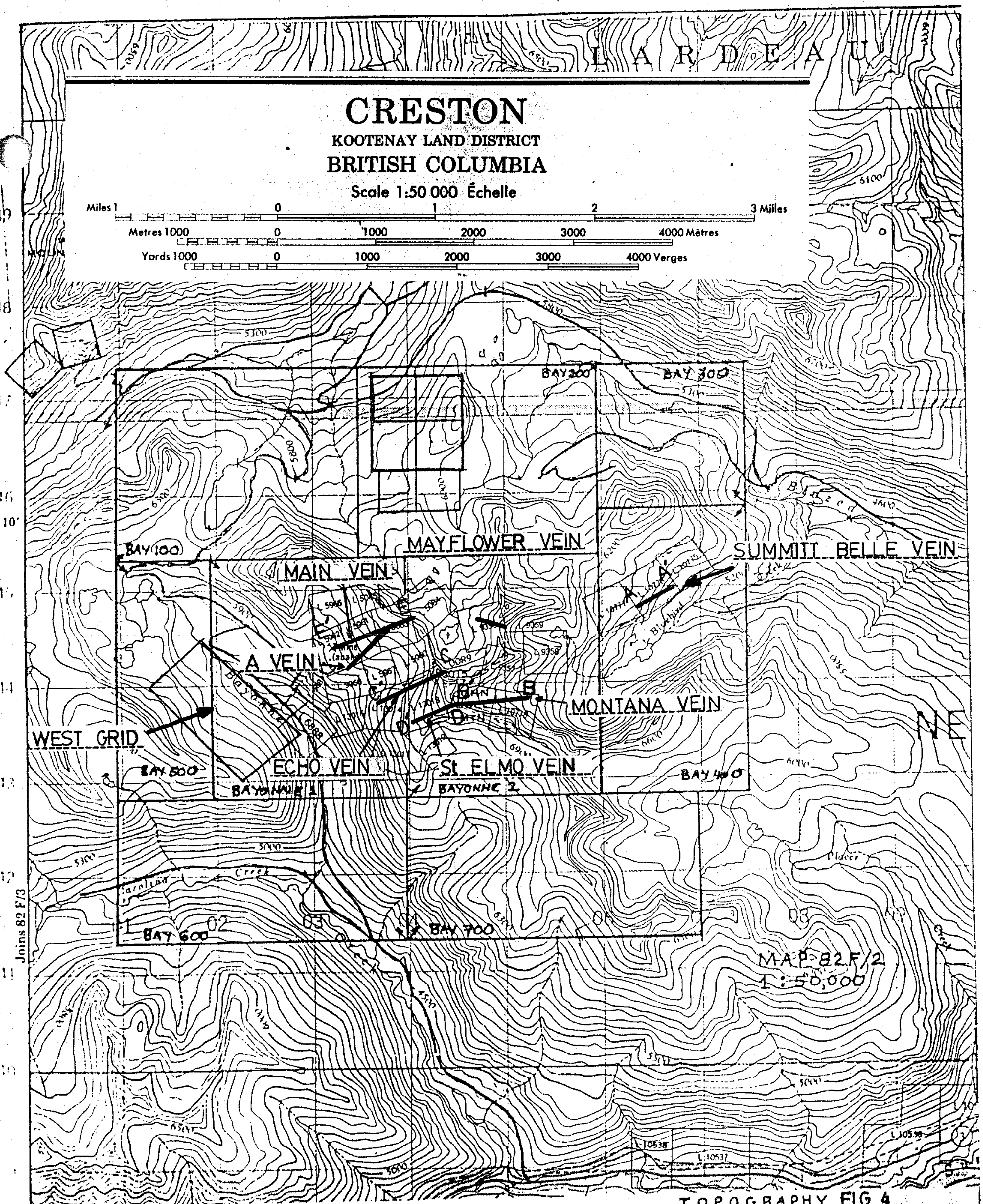


LIGHTNING MINERALS

CLAIM MAP

MAIN BAYONNE CLAIM GROUP

FIGURE 2



TOPOGRAPHY FIG 4

sparse to dense forest depending on elevation. The 8-level portal is collared at the 1900 metre elevation. At lower elevations alders become dense impeding progress substantially. Logging has been ongoing in the area for some time. The area had been burned at some time in the past and is growing back. The area is rugged and contains large talus deposits and shear cliffs. Snow fall during an average winter ranges from between 4 to 5 metres. The Bayonne area appears to be more arid than much of the surrounding area.

The east grid, south west of the Bayonne Mine is logged off. Where untouched, the bush becomes heavily overgrown with underbrush.

2.23 - MONTANA CLAIM

The Montana claim is located at the head of Bluebird Creek in a lightly treed grassy alpine area surrounded by talus slopes to the north and south. There is no road access to the claim, but is accessible via John Bull Mtn.

2.24 - SUMMIT BELLE GROUP

The property is located in the eastern periphery of the Bayonne group north of Bluebird Creek. There is no road access to the adit, and it is apparent no one has been there for quite a long time. The adit is situated approximately 300 metres north of a recent clear-cut at the top of a series of rock bluffs above a talus slope. At the top of the bluffs it is relatively flat, but steepens as one moves south away from the adit and toward the clear-cut. The area is heavily forested with mature growth, but little underbrush.

2.3 - HISTORY

2.31 - BAYONNE GROUP

Almost all activity in the Bayonne region centers around the Bayonne mine. In its long history the mine produced a total of 85,000 tons at .470 opt Au and 1.12 opt Ag.

The first known work began with trenching and drifting on the Bayonne and Echo veins from 1901 to the start of the first world war. By 1935 Bayonne Consolidated Mines Ltd. acquired 17 crown grants leading to full production by 1936. Considerable underground development as well as construction of the 60 ton per day cyanidization plant was undertaken. Production continued until 1942 when it was shut down as with most mines in the camp. The mine remained shut down until the end of the second world war. In 1946 the mine was reopened, but labour and material shortages lead to an early closure in that same year. In the period from 1947 to 1951 a number of leasees produced 673 tons at .670 opt Au and 4.75 opt Ag.

Torquest Resources Ltd optioned the property in 1963 and initiated a program of mine rehabilitation, diamond drilling, and resampling. The following year the company completed the road from the mine site to the Salmo-Creston Highway. It also built a new 50 ton per day leaching plant based on a reserve estimate of 12,450 tons at .790 opt gold.

In 1968 the property was optioned by Liberty Mines Ltd. though the company did little work with it. The property was later optioned by Goldriche Resources Ltd. in 1980 which undertook a program of mine rehabilitation and test stoping. Results of the stope were .150 opt Au and 1.2 opt Ag.

Lightning Minerals Ltd. optioned the property in 1987 and completed a detailed geologic and soil sampling program, the results of which are the subject of this report.

2.32 - SUMMIT BELLE AND MONTANA CLAIMS

These claims were originally crown grants owned privately and acquired by Goldriche Resources in 1980. The first known reference is found in the Minister of Mines Report of 1917. Work prior to 1937 consisted of four hand trenches and about 30 metres of drifting. The workings were located during the summer of 1987 and preliminary sampling and mapping were completed.

2.4 - CLAIMS INVESTIGATED

Work of a geological and geochemical nature was done on the following claims:

CLAIM	LOT/RECORD #	CLAIM	LOT/RECORD #
Kentucky	5966	Maryland	5085
Ohio	5362	Columbus	5961
Bayonne	5083	Oxford	5084
Virginia	6887	Skookum	9360
New Jersey	5967	Delaware	5960
Echo	13014	Echo Fr.	729
Ontario	13016	St. Elmo	13018
Mayflower	9356	Bluebird	9357
Last Chance	9358	Montana	10778
Summitt Belle	10777	Maggie Aikens	10776
Michigan	10775	Portland	13017
Bayonne 2	2504	Bayonne 1	2503
Bay #400	2987	Bay #600	3116
Bay #700	3117		

2.5 - SUMMARY OF PRESENT WORK

- Geological survey: mapping and sampling - see figure 2 for groupings.

east grid	26,150 metres
west grid	11,250 metres
traverse	20,000 metres

east grouping:

soil samples	302
silt samples	4
rock samples	42

west grouping:

soil samples	606
silt samples	21
rock samples	78

- Geochemical survey: soil sampling

east grid/east + west grouping	26,150 metres
west grid/west grouping	11,250 metres

- Geophysical survey: EM and magnetometer

east grid/east grouping	6,000 metres

- Line establishment: ____ 26,150 meters

3.0 - GENERAL

3.1 - PROCEDURES

Mapping is reliant on air photo control as none of the original claim posts have been located. The 1:2000 grid maps are generated from air photo blowups and further controlled by compass and hip chain. All grid lines were run with silva compass and flagged at 50 metre intervals. Tie lines were run to increase the degree of accuracy. The west grid is controlled by air photo and hip chain. Traverse is controlled by air photo triangulation and hip chain.

Mapping of outcrop involved measuring orientations of joints, noting alteration of granodiorite as well as float, and noting and sampling veins.

3.2 - INSTRUMENTS USED - GEOPHYSICS

The VLF-EM unit used in the Lightning Minerals surveys was a Geonics EM16 which is a battery powered very low frequency receiver equipped with two built-in antennas for measuring horizontal and vertical field components of radio signals. The instrument is able to utilize radio emissions from military and time standard transmitters operating in the 15 to 25 Khz frequency range. Electromagnetic propagation in this frequency range is such that signals can be received over distances of several thousand miles in a consistent manner. The Seattle station was used for work at the Bayonne. These primary signal fields induce secondary vertical fields in local conductive bodies that can be detected by the EM16 unit, hence its usefulness for detecting such conductors. By analyzing in phase and quadrature components of secondary signals emitted by local conductive bodies it is possible to estimate the depth of the conductor and also determine the possible characteristics of it.

A magnetometer was also used at the Bayonne, but the type and make are not available as the instrument is presently in use in the United States.

3.3 - GEOCHEMICAL PROCEDURES

Both rock and soil samples were sent for assay. In the case of soils, the oxidized "B" horizon was sampled consistently occurring at 5 to 10 cm depth.

Assaying of samples was done by Acme Analytical Laboratories Ltd. of 852 East Hastings Street, Vancouver B.C., V6A 1R6 (ph: (604) 253-3158). All samples were subjected to 30 element ICP and gold atomic absorption. Details of the procedures are noted in the geochemical analysis certificates located at the back of this report. The analysis assayed for the following elements: Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, and W.

4.0 - REGIONAL GEOLOGY

The entire claim group is situated within the Bayonne Batholith which intrudes clastics and carbonates of the late Proterozoic Horsethief series. The intrusive is medium grained and of granodiorite composition. It is equigranular and white with less than 20% mafics. It is intern intruded by narrow (1 cm to 1 metre wide) aplite dykes of discontinuous strike length which are predominantly north-south trending. A few narrow lamprophyre dykes are also known consisting mainly of biotite and amphibole. The batholith contains numerous mafic xenoliths of less than 30 cm. Larger less rounded and more gneissic xenoliths are found near the periphery of the body retaining apparently relict sedimentary structures. The intrusive is affected by a penetrative jointing fabric which tends to be of similar orientation locally, but changes on the order of several hundred metres.

The principal known structure is the Bayonne vein and the A-vein splay. The Main Vein strikes at an azimuth of 80 degrees. It is believed that the Echo and St. Elmo veins strike similarly while the Montana and Maggie Aikens structures vary by approximately 20 degrees.

5.0 - BAYONNE MINE - figures 5, 6, 7

The Bayonne vein is exposed for 750 metres and the A-vein, for 550 metres. The structures are very linear with a mild sinuosity. Vein material is quartz which intrudes along dilatencies within a strongly oxidized shear zone measuring anywhere from 1 to 5 metres in width. The vein itself varies from 5 cm to 3 metres in width. Splaying and horsetailing into both ribs is fairly common. The shear zones are expressed as gentle recessives due to their soft and broken up nature. The obvious rusty limonitic alteration found along joint surfaces and into the host intrusive has been long used as a pathfinder for finding new structures in the area.

Gold is associated with limonitic quartz and heavy sulfide bearing quartz. An axial zonation is apparent as the limonitic zone extends to a depth of 140 metres. Little sulfide remains in this zone. Quartz is often vuggy showing that pyrite was once present. Limonite is commonly observed to pseudomorph pyrite. At the 140 metre depth there is a relatively abrupt transition to a 50 metre thick massive and generally unaltered sulfide zone. The suite in hand specimen contains pyrite, galena, chalcopyrite, and sphalerite. Pyrolusite stain is often evident.

Long sections of both structures (figures 6 and 7) show a propensity for stoping in proximity to the surface. Infact, the stoping in both cases seems to parallel the surface topography. This may not be coincidental because the granodiorite is deeply weathered. In some areas the weathering is more than 2 metres in depth and while preserving primary structures, the major rock forming minerals show extreme argillic alteration. In such areas the rock is only slightly more competent than the soil above it. Very little erosion has occurred, non of it glacial The supergene enrichment model does seem appropriate in this context.

5.1 - NORTH VEIN - figure 5

The North Vein is located approximately 100 metres north of the Bayonne Main Vein and is exposed by a series of trenches and old workings for approximately 400 metres. No detailed work was done on the structure during the 1987 field season, but work done in 1983 is shown in figure 5. The gold assays range from .007 opt to 2.100 opt for an average of .394 opt. The vein is not known to have been worked from underground nor diamond drilled. Its slight difference in strike with respect to the Main Vein indicates a junction to the east which enhances the possibility of locating large tonnages of ore, perhaps even on the order of that found on the A-Vein.

6.0 - EAST GRID: BAYONNE, ECHO, St. ELMO

6.1 - GEOLOGY - figure 8

The map area is entirely situated in granodiorite. The predominant joint direction is north-south while the predominant direction of the shear zones is east-west. The mapping turned up two structures which were studied in detail - these being the Echo and St. Elmo structures. The soil geochem results (discussed in section 6.2) were also factors in locating the structures.

6.11 - ECHO STRUCTURE

Two adits have been driven on the Echo structure some time after the turn of the century. The main adit is located on line 53E. A road was constructed in 1983 or 1984 to provide access to the Echo adit. It crosses the structure at a point about 20 metres east of the adit. A considerable amount of old hand trenching was done to the east of the adit in order to locate the structure. The best trench assays were as follows:

2.330 opt from quartz (54E 43.5N)
.029 opt from quartz (55E 43.5N)

These assays lead in part to the cat trenching program which did not confirm the 2.330 opt assay.

It is not known how far the Echo adit went in or what the results were. Assays of quartz vein in the dump turned up the following results:

.133 opt - > 20 cm vein, heavy limonitic alteration
.204 opt - quartz vein with brick red oxidation
.060 opt - quartz vein with heavy limonite alteration

No sulfides were found in the quartz suggesting that the adit did not go in far enough to intersect any possible unoxidized sulfide zone. The fact that values do occur on the structure indicates strongly that ore grade material is possible at depth especially when considering the fact that the inferred strike length of the structure is about 1 kilometre. There is a large area on vein to hide a substantial orebody.

The second adit on the structure is found on the east side of the ridge to the east of the Echo adit. The adit goes in for only 5 metres, but is unsafe to enter. Assays from quartz in the blast rock returned assays of only .001 opt. The best assay is .016 opt which was found further up the shear zone where in situ quartz vein is found. At this point the 3 metre wide heavily oxidized shear zone is clearly visible on the ridge top as well as from the ridge peaks running north-east from John Bull Mtn.

A traverse was run between the two adits. It turned up a number of new trenches and intermittent areas containing oxidized float. These trenches were found between lines 59E and 59.5E at 44N and carried values of .036 and .043 opt in quartz float.

6.12 - St. ELMO STRUCTURE

The St. Elmo structure is exposed in two major areas: the adit, situated between 56.5E and 57E at approximately 41N, and on the ridge top south-east of John Bull Mtn. The gold geochem anomaly also helps to outline it (see figure 9).

The dump contains a great deal of oxidized and sheared granodiorite indicative of a wide shear zone. All of the unoxidized granodiorite contains 10% alteration of feldspars to epidote. This alteration also occurs on the ridge top. The dump is roughly equivalent in size to that of the Echo and contains about 5% quartz vein most of which is very strongly limonitic. The degree of the limonitic alteration is in excess of any seen at the Bayonne dumps and is most similar to the material found at the Montana workings. In addition, some of the samples contain from 5% to 15% galena - the only visible sulfide.

The galena did not run appreciably however, and the other types of quartz carried only erratically:

.016 opt - 2-5% galena in quartz
.051 opt - 5-10% limonite, vuggy
.182 opt - 5-10% limonite, vuggy
.048 opt - 10-20% limonite
.051 opt - milky quartz, 5-10% limonite
.006 and .004 - 30% limonite, 5-15% galena

Trenches about 50 metres to the east were also found to contain quartz vein material:

.043 opt - milky quartz with 30% limonite
.030 opt - moderately oxidized quartz

The best assay at the ridge top was .009 opt. Obviously none of these assays is ore grade, but they do indicate that the structure is gold bearing. The presence of unaltered galena suggests that the deposit should relate to the middle levels at the Bayonne mine.

6.2 - GEOCHEMISTRY - figures 9-14

Contour plots of Au, Ag, Cu, Pb, Zn, and As can be found in the back of this report. All the contour plots show one or several very strong anomalies over the Bayonne Mine workings. The shear size and element concentrations are the inevitable result of over 50 years of contamination and dispersion.

Two strong linear Au (ppb) anomalies were identified in the vicinity of the Echo adit. These anomalies are not the result of contamination from the Bayonne Mine as there is a deep ravine separating the two areas. Oddly enough, the A-Vein only shows a single point anomaly and there is nothing whatsoever to suggest that the bulk of the ore mined from the Bayonne came, in fact, from the A-vein.

6.21 - ECHO GEOCHEM ANOMALY - figures 9-14

The first anomaly is directly associated with the Echo adit (see figure 9). The strongest value (650 ppb) is found at the Echo dump and therefore due to contamination. A high value (560 ppb) occurs below and to the south of the dump which is probably also caused by contamination. The anomaly has the same strike above and below the dump which would suggest that the anomaly below the dump is not completely the result of contamination. The anomaly also parallels the strike of the A-vein. In fact trenching the structure represented by the anomaly confirmed it as a splay from the main Echo structure (see section 6.4).

The gold anomaly has a total length of 450 metres, 300 metres of which is above (east) of the adit. This is the portion which was trenched. While the other elements which have been contoured show contamination anomalies on the Echo dump they do not show good anomalies associated with the rest of the structure. This of course suggests that the gold is not strictly associated with chalcophile elements or arsenic - this seems reasonable in view of the fact that the surface is located in or just above the oxidation zone.

6.22 - St. ELMO GEOCHEM ANOMALY - figures 9-14

The anomaly associated with the St. Elmo is much longer than that of the Echo, but generally weaker and more erratic. It tends to bifurcate and truncate between the two structures. The anomalies strictly associated with the St. Elmo total approximately 1 kilometre in length. Oddly, only the weakest of anomalies is expressed in proximity to the St. Elmo dump. It seems possible that the anomaly below (west) of the dump is the result of contamination. On the basis of the strength of the anomaly, trenching was commenced, but never completed on the structure.

The erratic, but sinuous appearance of the anomaly suggests that structures may exist between the two major veins. In fact a quartz sample from a trench equidistant between the two veins carried a grade of .187 opt.

Contour plots of the other elements are generally inconclusive in clarifying the gold anomalies. The two exceptions are at 59.5E 44.5N on the Echo and at 50E 40E on the St. Elmo. The consistent highs suggest a possible zone of mineralization. In the case of the St. Elmo this anomaly is located at the very corner of the grid. The grid should be extended in this area even though the terrain is very steep and covered with slide alder.

6.3 - GEOPHYSICS - figure 15

Figure 15 shows magnetometer readings. Both mag and EM16 were run over the Echo and St. Elmo structures is hopes of better delineating them. No such results were obtained and they appear to be essentially random and so are inconclusive.

6.4 - ECHO CAT TRENCHING - figure 16

Trenching of the Echo splay vein consisted of digging four cross trenches at 50 metre intervals east of the adit. When the shear zone was exposed the cat could begin trenching along vein. Only the lower 100 metres of the trenched area was trenched along vein as the vein was difficult to locate higher up. Once the cat was finished the hardpan and weathered rock were laboriously removed by hand. The exposure was then hand swept so that the structure was clearly visible. Figure 16 shows the mapping and assay results of the work.

The shear zone ranges from 1 to at least 15 metres wide. Trench 2/3 exposed the splay structure while trench 1/2 and 2 exposed the Echo vein proper. The veins are numerous but narrow, rarely reaching 15 cm wide. The highest assay was .128

opt which is located very near the old hand trench where the 2.330 opt assay occurred. All other assays were uninteresting and some could at best be called only anomalous.

The almost complete lack of grade from the veins is unsettling when one considers the magnitude of the geochem anomaly directly associated with it. The extreme weathering could be a factor. All or most of the gold could have been leached out over two or more epochs of time and is presently dispersed throughout the unglaciated soil profile. This of course raises questions as to the validity of the recommencement of trenching. To this author drilling would be a more useful tool than continued trenching.

7.0 - WEST GRID

Nothing of major interest was found on the west grid and certainly no obvious sign of the Bayonne extension was found. The only point of interest was a 1.020 opt gold assay from a narrow pyrite and galena bearing vein from a boulder on BL1. It seems likely that the boulder had come from that side of the valley, but could easily have been transported glacially.

7.1 - WEST GRID GEOLOGY - figure 17

As with the east grid, the west grid is comprised entirely of granodiorite. There are relatively few outcrops and those present contain little structure other than two predominant joint sets striking at 45 and 90 degrees azimuth. There are a few minor oxidized shears with the 70 to 80 degree strike common on the east side of the valley, but none are more than 1 metre wide or carry any quartz veining of any consequence.

7.2 - WEST GRID GEOCHEMISTRY - figures 18-23

The results of the soil survey are the same. There are a few very weak and isolated gold anomalies, but nothing that would suggest an ore bearing structure beneath the overburden. This side of the valley does show more evidence of glacial deposition which may impede element dispersion. Geochem maps of silver, lead, zinc, copper, and arsenic are equally inconclusive. No further work is warranted in this area. The more interesting geochem anomalies on the ridge to the west of the present work is discussed in section 10.0.

8.0 - MONTANA CLAIM GEOLOGY - figure 24

The Montana workings, as shown in figure 24, consists of a series of 12 hand and blast trenches on a single structure with a known strike length of 300 metres. Assays of the vein range from .004 opt to .828 opt for an average grade of .267 opt for the vein. Vein material contains both strong sulfides and limonitic alteration. The higher gold values are associated with vuggy honeycombed quartz with medium to heavy limonite and a heavy black oxide alteration. Like the St. Elmo dump, the galena and sphalerite bearing quartz does not carry as well and can infact be very low (.067, .095, .006 opt). Vein width in situ and as blast rock averages about 20 cm.

Assuming that the host carries no gold, the inferred grade over a 1 metre mining width is .053 opt. This is not economic, but does suggest potential at depth and further along strike. There is also a possibility of parallel structures hidden under the talus as in the Summitt Belle Group.

9.0 - SUMMITT BELLE GROUP GEOLOGY - figure 25

Consistently high gold assays have been found on the quartz vein of the Maggie Aikens workings. Silver values are negligible. The dump produced the highest gold assays of 6.411, 4.742, and 3.200 opt. These values are all associated with 20% to 40% sulfides consisting of galena, pyrite, and to lesser extents sphalerite and chalcopyrite. The limonite altered quartz also carries high values. Apparently barren vein material carries values of between .015 and .254 opt. There is noticeably little of this barren variety anywhere on the property.

The three trenches nearest the adit also carry high gold values ranging from .176 to 1.199 opt. A lesser amount of sulfides, 10% to 20%, was observed at these trenches.

A fourth trench is located 47 metres to the west of pit #3. This produces a combined mineralized strike length of approximately 100 metres. Quartz is sulfide and limonite bearing as before and the barren variety remains uncommon. The average grade for the quartz in this pit was .178 opt ranging from .001 to .378 opt. One large quartz boulder was found in the pit on its side. The vein was measured to be 0.63 metres (2.1') in width and contained heavily sheared and oxidized granodiorite. The quartz carried .249 opt while the host carried .064 opt.

Figure 25 is taken from the Report of the Minister of Mines 1937. It shows two subparallel structures ranging from .2 to .5 metres in width. Pits #1 - #3 are on the southern structure. Pit #4 could be on either vein. Judging from the consistency of the assays throughout the workings it is reasonable to assume that both structures are carrying gold. The report states that pyrite and gold values occurred in the host - this was not observed by the author. Of particular interest is the possibility that one of the veins might be a splay of the other - a situation similar to that of the Bayonne Main Vein and the A-vein.Overall averages of grade and inferences of grade over 1 metre mining widths are listed as follows:

.990 opt - average grade for all assays
.710 opt - average grade (cut to 2.000 opt)
.272 opt - grade over 3 foot width - (.2 metre vein)
.320 opt - grade over 3 foot width - (.5 metre vein)

The grade of the host shear zone is assumed to be zero for these calculations. Indications are, however, that they are up to .05 opt. This could produce a significant increase in the grade of the above inferences.

Grab samples from the 1937 report ran as follows:

.96 opt - grab sample from underground
.72 opt - grab from pit #3
.14 opt - grab from pit #2
.43 opt - grab from altered granodiorite host

10.0 - MISCELLANEOUS AREAS - figure 3

10.1 - MAYFLOWER ADIT

An old adit was found just north of the boundary of the Mayflower claim. As per normal the structure consisted of a rusty shear zone containing quartz stringers. Galena lenses were commonly found in the quartz. The vein material was less vuggy than normal. A grade of .034 opt was obtained for galena bearing quartz while .057 occurred in a more oxidized, vuggy quartz.

The adit has a bearing of 110 degrees which is not too dissimilar to the Montana structure. The structure is roughly on strike with a shear zone exposed on the ridge to the east. On the ridge the oxidized float covers and area 10 metres wide. The area appears as an obviously gossanous zone from the summit of John Bull Mtn. looking north. Some 3-5 cm quartz vein is exposed in situ within the shear zone and is observed to strike at 148 degrees. The quartz carried a value .001 opt only.

On the basis of the information available only a brief amount of follow-up prospecting is warranted in this area.

10.2 - WEST RIDGE GEOCHEM ANOMALIES

Out of pure speculation a geochem line was run on the west ridge west of the west grid and the Bayonne Mine (see figure 3) and is referred to as L14. The line produced two noticeable anomalies - one at L14+850 (106 ppb Au) and one at L14+1250 (410 ppb Au). The more southerly anomalies is located near the road is extremely dense forest. Neither of these anomalies is on strike with any structure on the east side of the valley.

The magnitude of the anomalies along with the fact that there is no sign of contamination on the ridge top suggests that the results are valid and are on the order of the anomalies found over the Bayonne Mine and the Echo vein. This would suggest that two hitherto unknown structures are found here which definitely require a follow-up.

11.0 - INTERPRETATION OF RESULTS - figures 26, 27

Five structures are suspect of containing ore deposits. These include the Echo, St. Elmo, Montana, Summitt Belle, and North Vein structures. All are similar to the Bayonne structurally and mineralogically. Of these, the two Summitt Belle structures and North Vein contain the highest grade material and greatest likelihood of obtaining ore grade material with the least effort. Since the author spent little time following up on the North Vein it should be examined closer before a final judgment is presented. These are followed by the Montana vein which, though narrow, has a number of high assays and could widen at depth. The Echo and St. Elmo are of lower priority because of their lack of ore grade values. Great potential does exist at depth, especially as they are proximal and subparallel to the Bayonne Main Vein.

Also of interest are the two geochem anomalies on the east ridge which must be followed up.

11.1 - NORTH VEIN

The values on the structure obtained int 1983 suggest strongly that it is ore bearing. Since it is proximal to the Bayonne Main Vein and appears to intersect it, the structure can be expected to have the same or similar geochemical environment as the Main Vein. For these reasons further work should be undertaken.

11.2 - ECHO STRUCTURE

Trenching exposed a complex splay structure with no economic potential whatsoever. This is inconsistent with the strong gold soil anomaly directly associated with the splay. Gold does occur on the Echo structure at surface as detailed above in section 6.4. The lack of gold in the deeply weathered and incompetent shear zone could be attributed to dispersion over the millennia as there is no significant glacial activity evident. If this is true one might have to go to some depth before meaningful values are found.

In any case the structure as it appears on surface is uneconomic as the veins are narrow. This may be more of a function of the stress field at the junction of two shear zones. Most of the veins in the exposed shear zone are oriented obliquely to perpendicularly to the Echo structure as one approaches the actual junction. At such points the stress is usually better accommodated than in a strict shear stress field so wide veins do not get expressed. The final caveat is that the exposed shear zone resembles the upper Bayonne vein near the ridge top.

At these same types of splay junctions in other deposits one often finds mineralization. Since values do occur in the Echo one may have to go to depth before finding sufficiently wide vein with an acceptable grade. My reasoning for suggesting this is that gold and silver camps with subparallel veins tend to carry their precious metal deposits in a pattern which is roughly perpendicular to the prevailing orientations of the those veins. Since the Bayonne area is in an essentially structurally isotropic intrusive it is possible that this model does not hold - the Bayonne and A-vein might just be the only local deposit, but it is doubtful. It is more likely that the exposure of the Echo may just represent a heavily leached and weathered top of a substantial deposit beginning at relatively shallow depth.

Figure 27 shows a composite topographic long section of the Echo, Bayonne, St. Elmo, and Montana structures. The Echo is shown to follow the topography of the Bayonne fairly closely. Since parallel ore shoots on parallel veins rarely have identical elevations, it is quite possible that ore should occur at some depth below surface.

11.3 - St. ELMO STRUCTURE - figure 27

The interpretation of the St. Elmo structure is virtually the same as that for the Echo (11.1). It is somewhat more complex than the Echo in some ways though. The occurrence of galena at the St. Elmo adit along with strong limonitic alteration is confusing in comparison to the Bayonne, but consistent with what is found at the Montana. Galena is somewhat less susceptible to oxidation than copper or iron sulfides and in fact no such sulfides were found at the dump. Figure 27 shows the structure to be 50 to 100 metres higher in section than either the Bayonne or Echo so if the same inferences hold here as with the Echo, then one might expect mineralization at greater depth.

The complexity of the gold anomalies between the Echo and St. Elmo suggests the strong possibility that other splay structures which could lead to gold accumulations.

11.4 - MONTANA STRUCTURE - figure 27

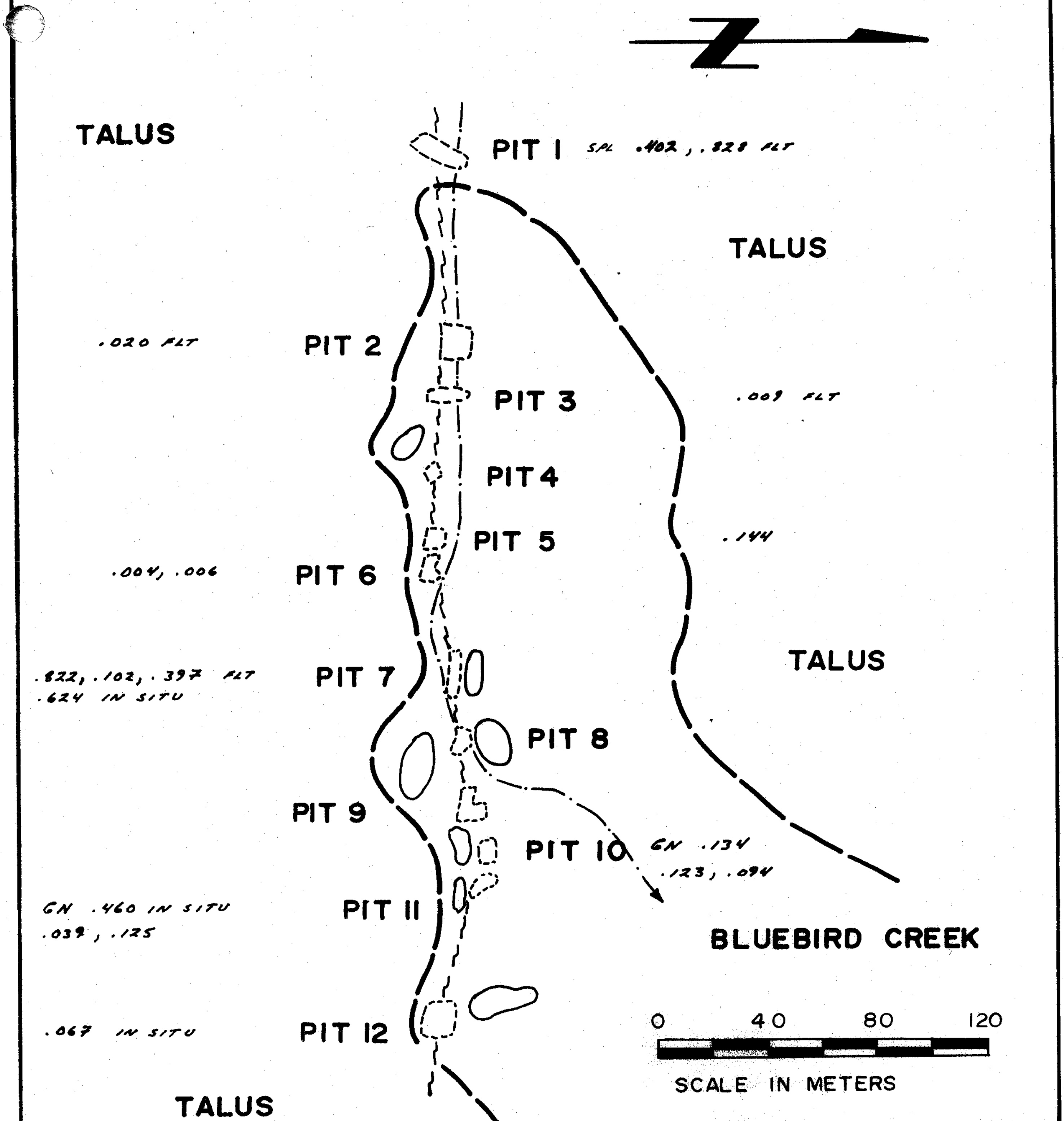
The Montana exposure is situated similarly to the St. Elmo dump and mid levels of the Bayonne in terms of elevation. Its mineralization bears the greatest similarity to the St. Elmo dump and infact the two appear to be the same structure - producing a combined known strike length of 1.5 kilometres. While not economic at the surface, the vein does have potential further along strike and at depth. There is also the possibility of adjacent structures or splays hidden under the talus which might be ore bearing. In fact the cliff face to the west contains galena bearing quartz in a narrow weakly defined shear zone. Its orientation is nearly perpendicular to the Montana vein and so can be expected to intersect it.

11.5 - SUMMITT BELLE STRUCTURE

The quartz vein from the workings on the Maggie Aikens claim contains proportionally more and fresher sulfides and most resembles material from the lower workings of the Bayonne and A-vein dumps. The presence of vuggy oxidized quartz suggests that the workings, in terms of elevation, are on the boarder between the purely oxidized and purely unaltered zones. If the Bayonne represents a reasonable model then it would appear that the adit is located relatively near the middle of the ore deposit. This is partially supported by figure 28 which shows the adit to be about 150 metres below the lowest workings at the Bayonne Mine. It seems apparent that elevations for ore zones are not uniform throughout the Bayonne property. This should still leave an estimated 200 metres of ore below the surface. The fact that only 100 metres of strike length has been exposed, all with excellent results, could mean that a few hundred more metres of good grade material could be present. The fact that there are two structures involved (and possibly more) only enhances the probability of obtaining high tonnages of ore on the order of that mined at the Bayonne.

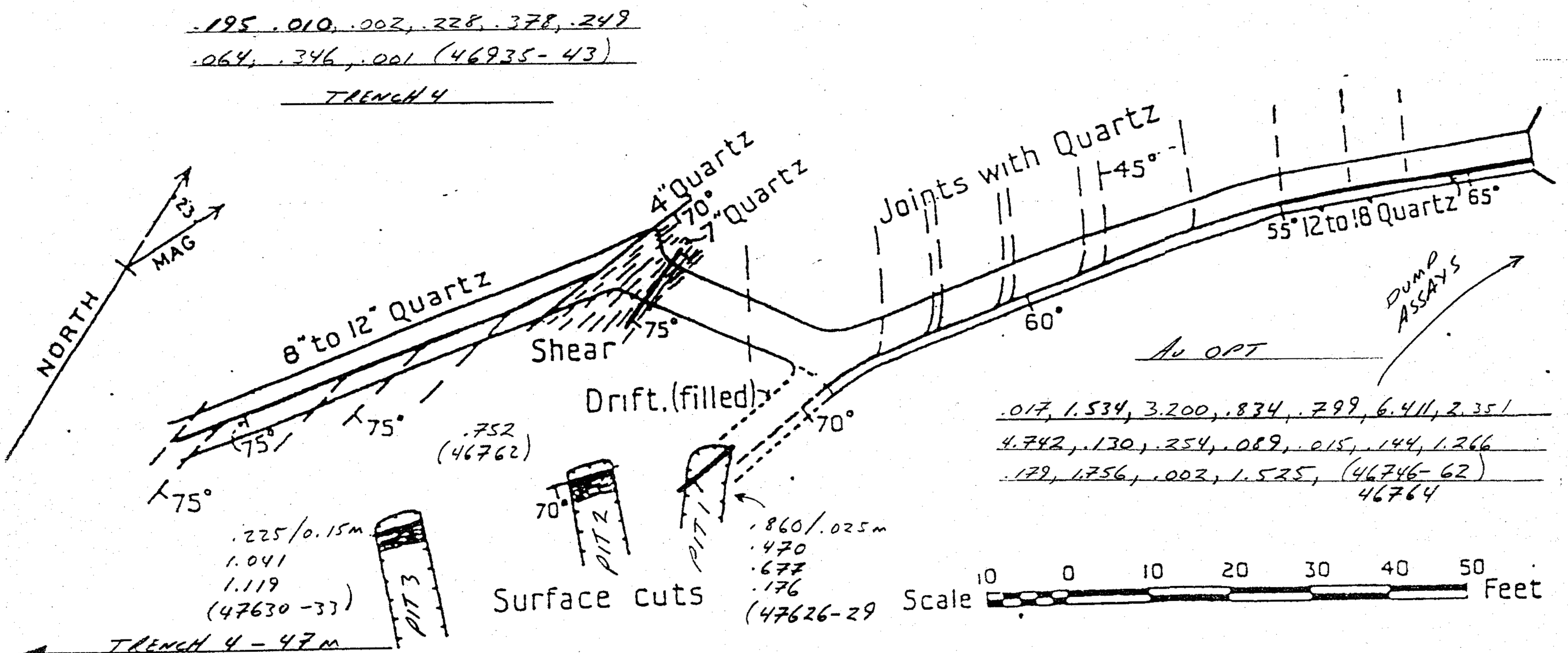
11.6 - WEST RIDGE GEOCHEM ANOMALIES

The actual elevations of the anomalies are not known, but do appear to be roughly the same altitude as the Bayonne eighth level. On the basis of the anomalies it is evident that the inferred structures strike more or less east-west as do the other veins in the camp. Until more detailed work is complete on the area nothing definite can be said about the geology of the area.



LIGHNING MINERALS LTD
MONTANA TRENCHES
1cm = 20M DEC 15/1987

FIG 24



Summit Bell Group. Plan of surface and underground workings from ccmpass survey.

FIG 25

12.0 - CONCLUSIONS AND RECOMMENDATIONS

While the probability of obtaining ore on all of the five structures is good the priority should be the Summitt Belle and North veins, followed by the Montana, and finally both the Echo and St. Elmo structures. In any case, continued trenching is not recommended on the Echo or St. Elmo structures in view of the probable leaching of the weathered bedrock.

In all cases drilling is necessary. A rotary percussion drill with a range of 70 to 150 metres and capable of producing chips of around 5 mm would be the optimal tool. If a drill is produces only rock powder it will be of little use as it will require continuous sampling, will not be amenable to examination, and will cause a greater degree of contamination due to clogging of the bit. The drill described above type of drilling could be a useful tool in this type of ground for the following reasons: 1) initially, at least, most holes would be less than 150 metres in depth in order to test for shallow ore deposits, 2) the host rock is essentially uniform locally so documentation of lithology is unimportant, 3) large shear zones would be easily recognizable and could be preferentially sampled negating the need for sampling continuously down hole. The quartz is easily distinguishable in the shear zones, 4) holes can be stopped upon exit of the shear zone if desired, 5) it would allow a greater number of holes (even grid drilling) which are drilled faster and at less expense than diamond drilling.

Diamond drilling could be introduced at a later date to follow up on encouraging results and go to greater depth to probe the bottom of the ore zone.

Additionally, in the case of the Summitt Belle structures, diamond and percussion drilling can be done from below the rock bluffs providing an additional 50 metres of vertical on the veins. Prior to drilling though, soil geochem would be of importance in assessing the total strike lengths of these known structures and delineating new parallel ones.

A program of soil geochem is not possible at the Montana claim because the entire area surrounding the trenches is covered by thick talus containing huge boulders. In fact it is amazing that the structure is exposed at all.

The east grid should be extended to the south so as to locate any other structures. Of particular interest is the clarifying of the anomaly at 50E 40N.

More detailed work involving drilling is recommended on the basis of the 1983 results.

Finally the two anomalies on the west ridge will require more detailed work. A grid should be laid out and sampled parallel to the ridge. Mapping will also be required, but will be difficult because of the lack of outcrop and heavy undergrowth. Proper linecutting will probably be a requirement.

13.0 - REFERENCES

Goldriche Resources Inc. GRD (1984). Economic Evaluation of Ymir, Sheep Creek, & Bayonne Mining Camps. by Frank O'Grady, William C. Day, Ray A. Wells. Company report.

Report of the Minister of Mines (1937 and 1938) Nelson Mining Division, pg 16,17.

14.0 - BAYONNE ITEMIZED COST STATEMENT - EAST GROUPING -1987

COSTS:

- Geologists ______________________________ $200/day ea.
- Geophysical Operator #1 __________________ $125/day
- Geophysical Operator #2 __________________ $100/day
- Technical Field Assistant ________________ $125/day
- Geological Technician ____________________ $110/day
- Field Assistants _________________________ $80/day ea.
- Truck (Mileage + Leasing) ________________ 60/day
- Room and Board (Geologists + Technicians) _ $30/day ea

August 3 - (2) Field assistants: flag southern halves of lines 5500E and 5600E.
subtotal: $95

August 4 - (2) Field assistants: correct and complete the southern halves of lines 5600E and 5700E.
subtotal: $95

August 5 - (2) Field assistants: flag the southern halves of lines 5500E, 5800E, 6000E south.
subtotal: $95

August 6 - (2) Geologist: map the southern halves of lines 5500E, 5600E, 5900E, and 6000E south. (3) Field assistants: flag the southern halves of lines 6000E and 6100E south.
subtotal: $380

August 7 - (2) Geologist: map the southern halves of lines 5700E, 5400E, 6000E, and 6100E south. (3) Field assistant and (1) Geophysical operator #1: flag the south halves of lines 5300E and 5400E.
subtotal: $442.5

August 8 - (1) Geologist: map the southern halves of lines 6000E and 6175E. (2) Field assistants: flag the south half of line 6175E.
subtotal: $225

August 9 - (2) Geologist: map the ridge to the summit of John Bull Mtn. and the southern half of line 5300E.
subtotal: $210

August 10 - (1) Geologist: map John Bull Mtn. (1) Field assistant: soil sample the southern halves of lines 6000E and 6175E.
subtotal: $292

August 15 - (1) Geologist: map traverse from summit of John Bull

east. Map the area (talus) below the mountain. (1) Field assistant: soil sample southern halves of lines 6100E, 6000E, 5900E, and 5800E south.
subtotal: $315

August 16 - (2) Geologist: sample Echo dump and do general reconnaissance of the area. (2) Field assistant: soil sample the southern halves of lines 5500E, 5600E, and 5700E.
subtotal: $340

August 17 - (1) Field assistant: soil sample the soutnern halves of lines 5400E and 5300E south.
subtotal: $120

August 18 - (2) Geologist: map ridge and valley area east of John Bull and ridge south of John Bull.
subtotal: $490

August 20 - (1) Geologist: mapping and reconnaissance of the ridge south of John Bull.
subtotal: $260

Sept 18 - (1) Geologist and (1) Geological Technician: investigate the nature of the three geochem anomalies in the vicinity of the Echo adit.
subtotal: $430

Sept 19 - (1) Geologist and (1) Geological Technician: map, run line , and soil sample the southern half of line 5650E south.
subtotal: $215

Sept 20 - (1) Geologist, (1) Geological Technician, and (1) field assistant: map, run line, and soil sample line 5750E and the southern half of 5950E.
subtotal: $255

Sept 22 - (1) Geologist and (1) Geological Technician: map and follow oxidation from the Echo adit to the shear zone near the summit of John Bull. This does appear to be the same structure.
subtotal: $430

Sept 23 - (1) Geologist and (1) Geological Technician: map and follow oxidation along the anomaly 3 structure. An old dump and adit found on the structure. It is being named the St. Elmo adit.
subtotal: $430

Sept 28 - (1) Geologist and (1) Geological Technician: map and note oxidation of anomaly 2. Oxidation and some quartz float was found, but there is little concrete evidence of a structure present. (1) Geophysical operator #2 and (1) Technical field assistant: run EM on lines 53, 54, 55, 56 from 45N to 40N.

subtotal: $685

Sept 29 - (1) Geologist and (1) Geological Technician: map the Bluebird and Montana claims. Some old trenching with in situ quartz veining found. (1) Geophysical operator #2 and (1) field assistant: base-line 43.5N run for mag. Mag. run on lines 53E and 54E.

subtotal: $610

Sept 30 - (1) Geologist and (1) Geological Technician: detail map and sample the Montana trenches. (1) Geophysical operator #2 and (1) field assistant: run mag. and EM on the southern halves of lines 55E, 56E, 57E, and 58E.

subtotal: $610

Oct 1 - (2) Geologist: map the Oxford claim and Mayflower claim. An old adit was found at the Mayflower with in situ galena bearing vein material. (1) Geophysical operator and (1) field assistant: run mag. and EM on lines 60, 61, and 61.75.

subtotal: $700

Oct 3 - (2) Geologist and (1) Geological Technician: map, sample, and prospect the Summit Belle group to the west.

subtotal: $660

Oct 5 - (1) Geologist, (1) Geophysical operator, and (1) field assistant: extend, map and sample lines 61.75E, 61E, 60E to 3800N.

subtotal: $470

Oct 16 - (2) Geologist and (1) Technical field assistant: detail sample and map the workings at the Maggie Aikens claim.

subtotal: $675

Oct 20 - (2) Geologist: flag and blaze 800m for trenching on the Echo and St. Elmo structures as well as a road between the end of the Echo trenching to the St. Elmo dump.

subtotal: $520

Oct 23 - (1) Geologist: watch cat, hand muck overburden from trench #1. Cat: clear overburden from trench #1 - cat down with sheared bolt on the blade arm

subtotal: $290 (cat work included later in report)

Oct 24 - (1) Geologist: watch cat, hand muck overburden from trench #1. Cat: complete work on trench #1 - cat down with broken pin. Work started on trench #3.

subtotal: $290

Oct 26 - (1) Geologist and (1) Field assistant: clear off overburden by hand and trench #1 - sample. Cat: complete trench #3 and work on trench #4 - make access road.

subtotal: $370

Oct 27 - (1) Geologist and (1) Field assistant: watch cat - clear overburden n from trench #1 as well as #3 and #4 by hand - begin sampling. Cat: complete trench #4 and commence work on trench #2 - complete access road.
subtotal: $370

Oct 28 - (1) Geologist, (1) Geological Technician, and (1) Field assistant: watch cat - hand muck overburden from trench #2 - sample. Cat: complete trench #2 and start the trench between #2 and #3 (trench #1-2).
subtotal: $510

Oct 30 - (1) Geologist and (1) field assistant: watch cat and hand muck in trenches #1-2. Cat: complete trench #1-2. Cat (D6) down. (1) Geologist, (1) Geological Technician, and (1) Technical field assistant: At the Maggie Aikens workings - locate a fourth trench and detail sample it. Two trucks used.
subtotal: $955

Nov 2 - (2) Geologist and (1) Field assistant: hand muck overburden in trench #1-2 - near completed sampling. Cat: work on trench #2-3.
subtotal: $600

Nov 3 - (2) Geologist and (1) Field assistant: hand muck overburden from trench #1-2 and complete sampling - start clearing overburden from trench #2-3. Cat: Extend trench #4 - no shear zone found - complete work on trench #2-3.
subtotal: $600

Nov 4 - (1) Geologist and (1) Field assistant: hand muck overburden from trench #2-3 and sample. Cat work on road and trench #4 - still no shear zone.
subtotal: $370

Nov 5 - (1) Geologist and (1) Field assistant: hand muck overburden, sample and map trench #2-3. Cat: work on road.
subtotal: $370

Nov 6 - (1) Geologist and (1) Field assistant: hand muck and sample trench #2-3. Cat: road work.
subtotal: $370

Nov 7 - (1) Geologist and (1) Field assistant: map and sample trench #2-3. Cat: work on first trench on the St. Elmo just below the dump.
subtotal: $370

Nov 8 - (1) Geologist, (1) Geological Technician, and (1) Technical field assistant: map and sample trench #2-3. Cat:

work on trench at St. Elmo - cat down.
subtotal: 585$

Nov 9 - (1) Geologist, (1) Geological Technician. and (1) Technical field assistant: complete mapping and sampling of trench #2-3. Cat: down

Total cat moving expenses:________________________________$1585.50

Total cat time:____ $5616

Total samples taken on east grid: 348 @ 12.25 per sample:__$4263

Shipping costs:____ $200

Report generation: $100 for 24 days:________________________ $2400

---

total cost: $30,534

15.0 - BAYONNE DAILY JOURNAL - WEST GROUPING - 1987

COSTS:

- Geologists ________________________________ $200/day ea.
- Geophysical Operator #1 ____________________ $125/day
- Geophysical Operator #2 ____________________ $100/day
- Technical Field Assistant __________________ $125/day
- Geological Technician ______________________ $110/day
- Field Assistants ___________________________ $80/day ea.
- Truck (Mileage + Leasing) __________________ 60/day
- Room and Board (Geologists + Technicians) __ $30/day ea

July 30 - (1) Geologist, (1) Geophysical operator #1, and (2) field assistant: flagging and soil sampling lines 5500E, 5600E, 5700E, 5900E north. Other costs: air photos - $50, hip chain thread - $70, mylar - $165, flagging - $50.
subtotal: $910

July 31 - (1) Geologist: map and tie in cultural features to the 5000N base-line between 5000E to 5150E and 4800N to 5100N. (2) Field assistants: flag and soil sample lines 5300E and 5400E north. These lines were rechecked.
subtotal: $450

August 2 - (2) Geologist: map half of line 5400E north and prospect the western flank across the valley from the Bayonne (west grid). (2) Field assistant: flag lines 5100E, and 5200E north.
subtotal: $680

August 3 - (3) Geologist: prospect Virginia claims and gossanous showing - map lines 5600E and 5700E north - complete mapping line 5400E and 5300E north. (2) field assistants: flag lines 5500E, 5600E, and 5700E north halves.
subtotal: $815

August 4 - (2) Geologist: map lines 5500E and 5200E north - commence mapping of 5800E, 5900E, and 6000E north.
subtotal: $585

August 5 - (2) Geologist: map lines 5500E and 5600E north halves - complete mapping of 5800E, 5900E, and 6000E north. (2) Field assistants: flag north halves of 5500E, 5800E, and 6000E south.
subtotal: $490

August 6 - (2) Geologist: map north halves of lines 5500E, 5600E, 5900E, and 6000E south. (3) Field assistants: continue base-line to 6175E - flag north halves of lines 6000E and 6100E south.
subtotal: $380

August 7 - (2) Geologist: map north halves of 5700E, 5600E, 5900E, and 6000E south. (3) Field assistant + (1) Geophysical operator #1: flag 5200E, 5000E, and the north half of 5300E and 5400E

subtotal: $443

August 8 - (1) Geologist: map north halves of lines 6100E and 6175E south. (2) Field assistant: flag line 5100E and the north half of 6175E

subtotal: $225

August 9 - (2) Geologist: map north half of lines 5300E and 5200E south - map the north half of the ridge to the summit of John Bull Mtn.

subtotal: $310

August 10 - (1) Geologist: map lines 5100E and 5200E south. (1) Field assistant: soil sample the north halves of lines 6175E and 6000E south. Soil sample 5800E, 5900E and 6000E

subtotal: $308

August 11 - (2) Geologist: tie in roads on line 5100E and tie in base-line to the roads - commence mapping ridge to Virginia Mtn. (2) Field assistant: soil sample lines 5300E, 5400E, 5500E, 5600E, and 5700E north.

subtotal: $680

August 12 - (1) Geologist: sample and examine the Bayonne dumps. (1) Field assistant: soil sample lines 5000E, 5100E, and 5200E north.

subtotal: $370

August 15 - (1) Field assistant: soil sample the north halves of lines 6100E, 6000E, 5900E, and 5800E south.

subtotal: $455

August 16 - (2) Geologist: sample lower dumps at Bayonne mine. (2) Field assistants: soil sample the north halves of lines 5500E, 5600E, and 5700E south.

subtotal: $340

August 17 - (2) Geologist: map the ridge from the junction of 5500E to the southern ridge south of the Virginia Mtn. - reconnaissance of the mountain north of Carolina Creek. (2) Field assistant: soil sample the north halves of lines 5400E and 5300E south. Sample line 5200E

subtotal: $490

August 18 - (2) Field assistant: soil sample lines 5000E and 5100E.

subtotal: $190

August 19 - (2) Geologist: map and show field assistants how to sample logging roads on the west grid - flag lines 2,3,4, and 6 - mapping on the east grid. (2) Field assistant: soil sample BL1 and BL2. Flag and sample L3 on the west grid.

subtotal: $680

August 20 - (1) Geologist: flag and map line 1 and cut brush. Field assistant: soil sample lines 1,2,3, and 6.

subtotal: $340

August 21 - (1) Geologist: map line 7 and base-lines 3, 4, and 5. (1) Field assistant: flag and soil sample same.

subtotal: $370

August 23 - (2) Geologist: map BL6, L8N, L9S, L9N, L5 and L10 - mapping near ridge. (1) Field assistant: flag and soil sample same.

subtotal: $600

August 24 - (2) Geologist: map L11 and L12 - mapping the ridge. (1) Field assistant: flag and soil sample same.

subtotal: $600

August 25 - (2) Geologist and (1) Field assistant: map and soil sample L13 and L14.

subtotal: $600

Sept 19 - (1) Geologist and (1) Geological Technician: map, run line, and soil sample the north half of 5650E and 5750E south over the anomalous area.

subtotal: $600

Sept 20 - (1) Geologist, (1) Geological Technician, and (1) Field assistant: map run line, and soil sample north half of 5950E south.

subtotal: $225

Sept 21 - (1) Geologist and (1) Geological Technician: map, run line, and soil sample line 5050E south.

subtotal: $430

Total samples taken: 703 at $12.25 per sample for assay:_$8636.25

Transport costs:______________________________ $200

Report geneneration: $100 per day for 24 days________________$2400

Total costs: $23,447.25

STATEMENT OF QUALIFICATIONS

I, Leonard Austin Hitchins, do hereby certify that:

1) - I am a geologist employed by Lightning Minerals Inc. of # 202, 7608-103 street, Edmonton Alberta. T6E 4Z8.

2) - I am a graduate of the University of Alberta holding a B.Sc (specialization) in geology (1983).

3) - I have practiced my profession since graduation and was engaged in exploration prior to graduation.

4) - My previous employers include Terra Mines Ltd., The University of Alberta, Aquarius Resources Ltd., and U.S. Borax Corp.

5) - I have experience in the various aspects of narrow vein mine geology. I have been employed in two mines and have experience with 7 others. I have conducted geological and geochemical research of one mine. I have conducted a surface exploration program. I have supervised underground drilling programs. I have constructed drilling proposals for both underground and surface drills. I have experience in the Slave Archean and Bear Aphebian provinces as well as the cordillera.

L. Austin Hitchins

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL14 00	1	16	15	37	.2	6	3	175	3.29	8	5	ND	6	11	1	2	2	47	.08	.057	8	15	.18	38	.20	4	4.78	.04	.05	2	1
BL14 50	1	7	19	77	.1	5	3	408	2.08	9	5	ND	3	21	1	2	2	39	.16	.048	8	10	.26	45	.14	2	1.56	.03	.07	2	2
BL14 100	1	12	20	32	.1	4	2	92	3.31	14	5	ND	4	7	1	2	2	58	.05	.085	5	10	.13	26	.19	2	3.24	.03	.05	3	1
BL14 150	1	9	24	21	.2	2	1	123	.48	3	5	ND	1	6	1	2	2	15	.04	.020	6	4	.04	36	.09	2	.78	.02	.05	1	1
BL14 200	1	8	20	45	.1	6	2	249	2.09	7	5	ND	3	11	1	2	2	37	.09	.036	6	13	.20	48	.16	2	1.74	.03	.05	2	1
BL14 250	1	14	19	57	.1	8	4	411	2.59	7	5	ND	6	14	1	2	2	40	.10	.062	7	8	.36	40	.17	7	3.95	.03	.10	2	2
BL14 300	1	14	20	65	.1	8	4	826	2.28	9	5	ND	4	14	1	2	2	38	.11	.088	7	11	.30	55	.17	2	3.02	.03	.10	1	1
BL14 350	1	5	24	26	.1	2	1	515	.91	5	5	ND	1	12	1	3	3	22	.11	.029	6	5	.08	44	.13	2	.77	.02	.04	1	2
BL14 400	1	17	15	50	.1	7	3	249	2.31	8	5	ND	5	9	1	2	2	33	.07	.076	5	9	.18	39	.19	2	4.63	.03	.06	2	1
BL14 450	1	14	21	56	.1	8	4	421	2.49	7	5	ND	3	14	1	2	2	40	.11	.045	7	8	.29	53	.17	6	2.85	.03	.08	1	1
BL14 500	1	11	6	57	.1	8	5	708	2.55	10	5	ND	4	13	1	2	2	37	.09	.103	6	11	.25	40	.17	2	5.47	.03	.08	2	1
BL14 550	1	10	20	66	.2	9	6	1467	2.78	8	5	ND	3	17	1	2	2	45	.14	.059	8	11	.39	64	.18	36	2.82	.04	.10	1	2
BL14 600	1	13	19	58	.1	5	4	375	2.44	6	5	ND	4	8	1	2	2	36	.06	.075	6	12	.16	45	.18	8	3.79	.03	.05	2	1
BL14 650	1	12	20	57	.2	6	4	806	2.12	2	5	ND	3	12	1	2	2	34	.09	.096	6	8	.20	61	.16	8	2.94	.03	.06	1	1
BL14 700	1	10	18	68	.1	8	5	322	2.13	2	5	ND	4	21	1	2	2	31	.19	.111	8	6	.32	65	.16	37	3.44	.05	.09	2	1
BL14 750	1	12	28	94	.1	6	5	1739	2.19	6	5	ND	2	23	1	2	2	34	.20	.148	7	8	.23	97	.16	4	2.33	.03	.08	1	1
BL14 800	1	6	23	63	.1	6	6	1643	2.24	6	5	ND	3	28	1	2	2	39	.30	.047	8	10	.41	64	.16	2	1.40	.03	.11	1	1
BL14 850	1	11	82	93	.1	6	6	2564	2.38	7	5	ND	3	29	1	2	2	37	.29	.078	10	8	.45	125	.14	2	1.75	.03	.13	1	106
BL14 900	1	13	20	83	.1	11	8	840	3.03	7	5	ND	5	28	1	2	2	46	.30	.098	10	12	.70	123	.21	13	3.22	.04	.20	1	1
BL14 1000	1	11	25	84	.1	12	7	1229	2.71	6	5	ND	6	26	1	2	2	42	.28	.109	10	17	.58	122	.20	2	2.67	.04	.16	2	1
BL14 1050	1	12	44	111	.1	11	7	2141	2.81	7	5	ND	5	32	1	2	2	41	.33	.110	12	13	.63	183	.17	2	2.58	.04	.19	1	2
BL14 1100	1	11	87	130	.2	9	6	2755	2.25	8	5	ND	3	33	1	2	2	35	.34	.075	9	10	.42	167	.15	3	1.79	.04	.15	1	1
BL14 1150	1	11	27	61	.1	9	6	754	2.44	8	5	ND	6	24	1	2	2	37	.22	.078	12	11	.48	88	.17	3	3.20	.03	.12	1	1
BL14 1200	1	9	29	79	.1	8	6	1517	2.38	3	5	ND	3	20	1	2	2	38	.18	.094	8	9	.35	104	.17	2	1.89	.03	.09	1	1
BL14 1250	1	13	46	79	.1	6	4	1208	1.94	2	5	ND	3	22	1	2	3	34	.19	.073	8	9	.21	130	.14	5	1.42	.03	.07	1	410
BL14 1300	1	9	46	56	.2	6	7	1464	1.50	4	5	ND	2	26	1	2	2	29	.22	.048	7	5	.17	118	.12	7	.98	.03	.07	1	1
BL14 1350	1	10	61	65	.2	7	4	1496	1.50	4	5	ND	2	23	1	2	2	27	.17	.068	7	6	.18	134	.14	2	.91	.03	.09	1	1
STD C/AU-S	19	59	42	131	7.3	69	28	1043	3.89	39	18	8	40	51	18	17	22	58	.47	.088	39	59	.86	178	.08	38	1.80	.08	.14	12	48

27

11

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 31 1987 DATE REPORT MAILED: Sept 8/87 ASSAYER. D. Toye. .DEAN TOYE. CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-3794 Page 1

?

L.11

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL11 50	1	7	36	67	.3	7	6	777	2.62	7	5	ND	2	26	1	2	2	44	.27	.039	14	10	.41	61	.15	8	1.73	.03	.10	1	1
BL11 100	1	7	29	69	.4	8	5	392	2.33	2	16	ND	3	27	1	2	2	42	.28	.046	18	9	.46	58	.13	3	2.12	.03	.12	2	1
BL11 150	1	7	46	77	.3	8	6	1482	2.28	7	28	ND	3	44	1	2	2	39	.59	.066	25	9	.51	70	.11	3	2.02	.04	.12	1	1
BL11 200	1	7	42	82	.3	9	6	867	2.69	8	13	ND	3	40	1	2	2	43	.50	.049	16	11	.54	80	.15	3	2.05	.04	.14	2	1
BL11 250	1	10	95	88	.4	9	7	1154	2.48	7	26	ND	3	29	1	2	2	39	.30	.062	35	9	.40	129	.12	3	2.10	.03	.13	2	1
BL11 300	1	9	32	73	.2	9	7	1209	2.64	6	8	ND	3	23	1	2	2	41	.22	.053	23	12	.40	78	.13	5	2.15	.03	.09	1	1
BL11 350	1	8	28	59	.2	6	3	582	2.28	4	6	ND	2	17	1	2	2	38	.14	.052	9	11	.30	47	.13	2	1.62	.03	.08	1	1
BL11 400	1	14	67	75	.4	8	7	2653	2.11	6	13	ND	2	35	1	2	2	34	.42	.082	29	10	.31	85	.10	6	2.82	.03	.09	2	1
BL11 450	1	8	45	53	.1	8	4	309	2.20	7	5	ND	2	20	1	2	2	36	.22	.050	10	9	.31	57	.13	6	1.59	.03	.09	1	1
BL11 500	1	10	89	57	.2	5	2	251	1.34	8	5	ND	1	17	1	2	2	28	.22	.064	10	9	.19	63	.08	2	.91	.02	.09	1	1
BL11 550	1	9	92	105	.2	9	4	266	4.11	14	9	ND	3	12	1	4	2	76	.13	.050	8	21	.41	81	.29	5	1.86	.03	.08	2	1
BL11 600	1	11	92	89	.3	10	5	1144	2.76	10	24	ND	3	28	1	2	2	48	.34	.054	27	14	.31	76	.20	3	2.16	.04	.09	1	1
BL11 650	1	10	63	80	.2	9	6	1061	2.53	8	7	ND	2	21	1	2	2	42	.22	.055	13	11	.37	71	.14	8	1.79	.03	.09	3	1
BL11 700	1	11	66	76	.3	10	6	511	2.93	13	5	ND	3	21	1	5	2	47	.19	.046	13	12	.41	58	.17	7	1.87	.03	.10	1	15
BL11 750	1	12	105	69	.6	8	5	892	1.64	13	5	ND	1	32	2	3	2	28	.46	.070	16	8	.22	99	.07	3	1.10	.03	.09	1	2
BL11 800	1	10	109	87	.4	7	5	833	2.17	12	10	ND	2	32	1	3	2	37	.40	.071	17	10	.29	98	.12	3	1.53	.03	.10	1	1
BL11 850	1	8	56	55	.2	7	6	375	2.35	5	5	ND	3	20	1	3	2	49	.17	.025	18	10	.23	65	.18	3	1.41	.03	.07	1	2
BL11 900	2	12	51	121	.6	10	12	3194	2.80	9	12	ND	3	37	1	2	2	47	.37	.089	19	13	.37	116	.16	7	2.60	.04	.09	1	1
BL11 950	4	16	68	208	.1	7	6	19892	1.79	10	8	ND	1	27	1	2	2	31	.35	.088	7	4	.27	514	.08	3	1.03	.02	.13	2	1
BL11 1000	1	7	21	52	.3	6	3	428	3.50	10	5	ND	3	20	1	2	2	56	.20	.051	8	9	.22	44	.18	2	1.56	.02	.06	1	1

L.13

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL13 50	1	7	36	56	.4	7	5	508	1.98	4	5	ND	2	19	1	2	2	34	.18	.049	21	6	.28	59	.11	3	1.58	.02	.09	1	1
BL13 100	1	9	32	79	.3	8	5	467	2.76	9	5	ND	2	18	1	2	2	39	.14	.065	16	10	.38	59	.13	2	3.72	.03	.10	2	1
BL13 150	1	8	51	90	.3	8	6	976	2.27	8	12	ND	3	58	1	4	2	35	.72	.076	23	8	.54	85	.10	3	2.14	.03	.13	2	16
BL13 200	1	6	38	89	.1	7	6	1144	2.16	8	11	ND	2	40	1	2	2	34	.52	.062	19	8	.42	74	.09	3	1.72	.03	.12	1	1
BL13 250	1	8	37	79	.4	8	6	638	2.40	5	19	ND	2	40	1	2	2	35	.50	.058	22	9	.41	71	.11	2	2.14	.03	.11	1	1
BL13 300	1	7	36	65	.4	8	5	785	2.39	9	14	ND	3	33	1	2	2	36	.33	.040	17	10	.40	63	.12	2	1.72	.02	.10	1	2
BL13 350	1	8	43	73	.2	8	6	1234	2.06	8	5	ND	1	23	1	2	2	33	.24	.067	13	11	.32	69	.10	2	1.62	.02	.10	1	6
BL13 400	1	10	55	88	.2	9	7	1533	2.39	7	5	ND	2	24	1	2	2	37	.23	.069	15	12	.39	83	.10	2	1.75	.03	.11	2	14
BL13 450	1	7	32	69	.3	7	5	790	1.91	8	6	ND	1	43	1	2	2	28	.47	.064	18	9	.34	77	.07	5	1.47	.03	.10	2	1
BL13 500	1	8	71	98	.1	9	6	1382	2.32	9	5	ND	2	38	1	2	2	36	.49	.057	14	10	.49	111	.10	6	1.58	.03	.12	2	2
BL13 550	1	7	67	80	.2	8	6	1511	2.25	7	7	ND	2	37	1	2	2	35	.42	.053	13	11	.39	88	.10	3	1.40	.03	.12	1	1
BL13 600	1	7	56	77	.3	7	6	1263	2.03	5	6	ND	2	38	1	2	2	33	.47	.067	23	9	.43	65	.08	2	1.56	.03	.09	1	1
BL13 650	1	6	37	46	.3	6	5	407	2.05	9	5	ND	3	20	1	3	2	32	.16	.043	19	9	.27	33	.08	2	1.25	.02	.07	4	1
BL13 700	1	8	42	86	.1	9	6	1073	2.19	6	22	ND	2	47	1	2	2	35	.55	.073	28	9	.42	77	.10	2	2.14	.03	.10	1	1
BL13 750	1	10	37	65	.1	7	4	418	2.31	6	5	ND	2	25	1	2	2	40	.28	.044	11	10	.32	60	.12	6	1.26	.03	.11	1	1
BL13 800	2	13	51	130	.3	8	7	1835	2.14	6	5	ND	2	27	1	3	2	38	.40	.067	8	6	.26	115	.17	4	1.55	.03	.09	2	1
STD C/AU-S	19	59	42	132	7.4	69	29	1046	3.88	41	23	8	40	52	18	14	21	58	.47	.090	39	61	.87	178	.08	37	1.79	.09	.15	15	49

TERRA MINES LTD. FILE # 87-3641

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM
L4 → BL4 200	1	4	16	28	.1	3	2	252	1.18	3	5	ND	1	15	1
BL6 00	1	8	20	42	.1	5	3	436	2.10	2	5	ND	2	17	1
BL6 50	1	13	18	53	.1	6	4	486	2.17	2	5	ND	2	14	1
BL6 100	1	6	13	61	.1	6	5	270	2.07	2	5	ND	4	14	1
BL6 150	1	6	13	50	.1	4	3	370	1.84	2	5	ND	4	20	1
BL6 200	1	8	17	65	.2	6	4	296	2.34	2	5	ND	3	11	1
BL6 250	1	8	21	54	.2	7	5	369	2.20	2	5	ND	3	17	1
BL6 300	1	13	20	73	.3	7	5	610	2.25	3	10	ND	3	12	1
BL6 350	1	9	56	104	.1	5	6	2917	1.73	2	83	ND	1	80	1
BL6 400	1	8	24	62	.1	5	3	789	2.32	2	5	ND	2	19	1
NO NUMBER 1	1	8	22	48	.2	6	4	274	2.34	2	5	ND	4	14	1
NO NUMBER 2	1	6	21	54	.1	7	5	938	2.35	2	5	ND	2	29	1
NO NUMBER 3	1	6	15	41	.1	4	4	392	1.66	2	5	ND	4	32	1
STD C/AU-S	18	57	41	132	7.1	68	27	1019	4.01	35	16	8	36	49	18

SAMPLE#	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L4 → BL4 200	2	2	18	.17	.024	7	3	.15	37	.07	2	.58	.02	.04	1	1
BL6 00	2	2	29	.19	.039	9	7	.24	55	.11	2	1.91	.03	.06	2	1
BL6 50	2	2	31	.13	.042	8	13	.23	59	.12	3	2.38	.03	.05	1	2
BL6 100	2	2	27	.14	.079	12	7	.39	39	.08	2	2.84	.02	.06	1	1
BL6 150	2	2	30	.28	.087	10	6	.28	40	.11	2	2.13	.03	.06	3	1
BL6 200	2	2	29	.12	.064	10	8	.28	46	.11	2	3.87	.02	.05	1	1
BL6 250	2	2	30	.18	.048	11	8	.35	55	.11	6	2.66	.03	.07	1	1
BL6 300	2	3	29	.11	.067	16	9	.32	57	.13	8	4.18	.03	.07	2	1
BL6 350	2	3	24	1.03	.163	41	8	.41	101	.03	3	2.30	.03	.09	1	1
BL6 400	2	2	32	.26	.065	8	10	.27	78	.11	2	2.10	.03	.08	1	1
NO NUMBER 1	2	2	30	.16	.061	14	10	.38	45	.09	2	2.93	.02	.07	1	1
NO NUMBER 2	2	2	34	.36	.043	16	10	.40	72	.12	2	1.55	.03	.08	1	16
NO NUMBER 3	2	2	21	.49	.081	15	6	.52	58	.07	6	1.41	.04	.14	1	1
STD C/AU-S	17	20	55	.47	.088	36	57	.88	174	.08	32	1.84	.08	.12	14	49

Missing L4+250

BAYONNE WEST GRID

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 24 1987 DATE REPORT MAILED: Sept 4/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-3641 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL1 50	1	8	33	42	.2	7	4	361	2.63	6	5	ND	4	14	1	5	2	41	.12	.029	10	10	.24	64	.16	2	1.46	.02	.07	2	1
BL1 100	1	12	22	25	.4	6	3	113	2.75	7	5	ND	3	16	1	2	2	33	.13	.027	11	12	.17	62	.14	2	3.42	.02	.06	2	1
BL1 150	1	8	19	33	.2	9	5	350	2.01	3	23	ND	7	32	1	2	2	29	.33	.042	21	10	.54	78	.10	12	1.77	.03	.17	2	1
BL1 200	1	14	33	70	.5	10	8	872	2.75	9	56	ND	3	57	1	2	2	41	.56	.073	34	17	.65	92	.13	3	3.14	.03	.18	1	1
BL1 250	1	16	29	59	.5	9	6	659	2.97	7	24	ND	4	33	1	2	2	41	.36	.055	24	12	.47	87	.15	10	3.21	.03	.14	1	1
BL1 300	1	12	33	73	.4	10	7	657	3.32	7	7	ND	2	25	1	2	2	43	.25	.042	16	12	.44	76	.16	3	3.08	.02	.09	1	1
BL1 350	1	15	36	88	.4	10	7	772	2.92	6	6	ND	3	36	1	2	2	41	.33	.048	18	12	.64	119	.14	13	2.36	.03	.13	1	1
BL1 400	1	14	48	92	.6	10	8	1001	3.04	7	23	ND	4	36	1	2	2	42	.41	.071	29	13	.54	84	.14	3	3.57	.03	.12	1	1
BL1 450	1	14	28	97	.4	12	10	1135	3.55	4	5	ND	4	33	1	2	2	51	.33	.060	22	16	.85	112	.16	9	3.32	.03	.22	1	1
BL1 500	1	11	25	102	.6	10	8	506	3.08	8	14	ND	4	28	1	2	2	42	.35	.066	18	13	.77	87	.14	9	2.85	.03	.17	1	1
BL2 00A BL	1	11	30	53	.2	7	4	511	2.50	7	5	ND	2	16	1	3	2	36	.16	.051	10	11	.32	56	.13	10	2.13	.02	.09	1	1
BL2 00	1	23	24	34	.7	10	5	217	2.11	13	558	ND	4	70	1	2	2	38	.38	.047	43	26	.37	85	.18	13	4.83	.04	.10	1	2 BL2 at 00
BL2 50A BL	1	12	16	48	.3	6	4	258	1.87	9	7	ND	2	22	1	2	2	28	.24	.056	11	8	.31	58	.10	10	1.22	.02	.08	2	1
BL2 50	1	8	41	69	.4	11	8	903	2.84	10	17	ND	3	40	1	2	2	42	.43	.062	23	11	.69	99	.12	3	2.91	.03	.20	1	1
BL2 100A B	1	11	25	57	.3	8	5	686	2.34	4	5	ND	2	18	1	2	2	34	.15	.044	12	10	.33	58	.12	12	1.63	.02	.07	1	1
BL2 100	1	11	48	61	.2	7	4	646	2.34	9	7	ND	2	15	1	2	2	34	.14	.059	9	10	.29	58	.11	3	1.90	.02	.07	1	1
BL2 150A BL	1	8	27	46	.2	6	5	707	2.27	5	5	ND	2	22	1	2	2	35	.21	.034	11	9	.26	65	.13	3	1.78	.02	.06	2	1
BL2 150	1	12	22	63	.3	10	5	349	2.51	5	5	ND	3	19	1	2	2	35	.19	.069	13	12	.46	60	.13	3	4.37	.02	.09	1	1
BL2 200A BL	1	10	26	65	.4	10	6	498	2.90	9	5	ND	4	26	1	2	2	40	.29	.053	13	12	.51	64	.14	7	3.10	.02	.09	1	1
BL2 200	1	8	20	57	.1	7	5	478	2.42	11	5	ND	3	34	1	2	2	34	.23	.100	11	7	.44	64	.13	2	2.61	.02	.09	1	1
BL2 250A BL	1	7	23	49	.3	8	5	300	2.26	5	5	ND	6	26	1	2	2	32	.34	.059	19	9	.42	53	.10	2	1.95	.02	.11	1	54 BL
BL2 250	1	10	48	57	.7	10	7	912	2.37	8	10	ND	2	36	1	2	2	38	.42	.095	28	28	.52	86	.12	2	3.89	.03	.11	1	1
BL2 300	1	10	29	79	.1	9	6	573	2.92	9	5	ND	3	23	1	2	2	41	.27	.074	11	10	.52	69	.14	11	3.45	.03	.10	1	29 BL
BL2 400	1	7	20	34	.1	6	3	293	1.90	6	5	ND	2	22	1	2	2	35	.25	.023	9	8	.21	60	.14	3	1.08	.02	.06	1	3
BL2 450	1	13	26	70	.3	10	6	612	3.18	6	5	ND	3	15	1	2	3	41	.15	.046	11	13	.40	75	.16	3	2.72	.02	.10	1	1
BL3 00	1	9	28	45	.2	5	3	935	2.29	4	5	ND	2	15	1	2	2	35	.12	.050	8	10	.24	55	.13	2	1.53	.02	.07	2	3
BL3 50	1	15	24	59	.1	8	4	431	2.44	2	5	ND	2	26	1	2	2	36	.28	.051	9	10	.37	81	.13	12	1.56	.02	.08	2	1
BL3 100	1	10	24	47	.1	7	4	491	2.45	4	5	ND	4	14	1	2	2	35	.13	.058	9	10	.29	54	.14	11	2.01	.02	.07	1	8
BL3 150	1	12	16	52	.4	10	9	808	2.48	7	5	ND	3	17	1	2	2	32	.16	.081	16	12	.43	56	.11	2	3.05	.02	.09	1	1
BL3 200	1	10	15	49	.1	7	4	374	2.98	7	5	ND	3	16	1	2	2	46	.16	.064	7	11	.30	45	.18	2	1.48	.02	.06	2	1
BL3 250	1	12	51	73	.2	9	6	1349	2.60	10	5	ND	3	30	1	2	2	37	.36	.070	13	9	.51	88	.14	8	2.00	.03	.09	1	1
BL3 300	1	8	25	40	.3	6	3	195	1.95	8	10	ND	2	22	1	2	2	36	.28	.043	6	7	.19	51	.15	3	.91	.02	.07	2	1
BL4 00	1	14	25	58	.1	8	4	290	2.60	7	5	ND	4	15	1	2	2	38	.12	.031	12	13	.34	46	.15	8	2.79	.02	.07	1	6
BL4 50	1	10	26	58	.1	8	5	447	2.57	5	5	ND	2	17	1	2	2	34	.15	.063	11	10	.33	50	.12	9	2.28	.02	.08	1	1
BL4 100	1	8	17	65	.3	8	5	428	2.54	8	5	ND	2	21	1	2	2	35	.21	.043	11	7	.41	59	.13	2	2.26	.02	.09	1	1
BL4 150	1	11	24	74	.5	9	6	1123	2.38	8	8	ND	2	33	1	2	2	34	.42	.067	19	7	.47	69	.08	7	2.34	.03	.08	1	1
STD C/AU-S	19	61	42	132	7.4	73	29	1055	4.08	43	17	8	38	51	20	16	21	59	.49	.092	37	60	.91	180	.08	34	1.90	.07	.13	15	53

BL1

BL2+L2

BL2

L.3

L4

ACME ANALYTICAL LABORATORIES   852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6   PHONE 253-3158   DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH   AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 2 1987   DATE REPORT MAILED: Sept 11/87   ASSAYER. D Toye ......DEAN TOYE. CERTIFIED B.C. ASSAYER

TERRA MINES LTD   File # 87-3857   Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L12 50	1	11	22	69	.2	7	5	438	2.54	8	5	ND	4	16	1	2	2	38	.15	.035	11	15	.37	53	.14	3	1.97	.02	.09	1	1
L12 100	1	11	24	57	.2	7	4	700	2.03	8	5	ND	2	21	1	2	2	32	.26	.052	12	12	.32	62	.10	10	1.66	.02	.09	1	1
L12 150	1	12	20	42	.4	5	3	205	2.58	5	5	ND	2	14	1	2	2	35	.12	.042	12	10	.19	46	.13	2	2.09	.02	.06	2	1
L12 200	1	8	31	44	.2	5	3	417	1.96	7	5	ND	1	15	1	2	2	33	.16	.036	8	11	.21	51	.12	2	1.03	.02	.07	2	1
L12 250	1	9	44	85	.1	6	5	1444	2.09	8	15	ND	2	51	1	2	2	33	.73	.065	21	14	.47	103	.08	2	1.71	.02	.10	1	1
L12 300	1	9	21	85	.2	7	6	491	2.85	6	7	ND	3	44	1	2	2	41	.56	.046	16	16	.58	88	.14	2	1.85	.02	.12	1	1
L12 350	1	9	20	75	.1	8	5	393	2.58	8	5	ND	2	27	1	2	2	41	.32	.032	12	15	.49	70	.13	3	1.70	.02	.09	1	1
L12 400	1	8	27	65	.2	6	4	487	2.08	6	5	ND	3	32	1	2	2	35	.39	.029	14	13	.30	74	.12	2	1.14	.02	.08	1	1
L12 450	1	7	56	57	.1	6	4	343	1.86	7	5	ND	2	34	1	2	2	29	.42	.047	10	11	.30	80	.08	2	.87	.01	.09	1	1
L12 500	1	7	16	51	.1	6	4	314	2.31	5	17	ND	3	28	1	2	2	34	.27	.033	12	13	.40	54	.11	2	1.49	.01	.08	1	1
L12 550	1	8	34	63	.1	6	4	1193	1.97	6	5	ND	2	23	1	2	2	31	.28	.059	10	11	.26	85	.10	2	1.02	.01	.08	1	1
L12 600	1	10	22	55	.1	6	4	517	2.66	7	5	ND	3	15	1	2	2	45	.14	.053	10	14	.31	53	.14	2	1.91	.01	.07	1	1
L12 650	1	10	30	50	.2	7	4	386	2.33	7	5	ND	2	16	1	2	2	42	.14	.045	9	12	.32	46	.15	2	1.21	.01	.08	2	1
L12 700	1	10	44	104	.1	9	8	1641	3.04	7	5	ND	3	39	1	2	2	49	.49	.054	15	20	.69	104	.15	2	1.99	.02	.11	1	1
L12 750	1	10	36	52	.1	6	5	2072	2.26	7	5	ND	2	20	1	2	2	43	.23	.030	11	12	.30	96	.15	2	1.30	.02	.08	1	1
L12 800	1	12	36	70	.1	8	5	988	2.42	8	8	ND	3	38	1	2	2	40	.47	.048	31	15	.47	90	.14	2	2.10	.02	.08	1	1
L12 850	1	17	49	90	.4	9	11	2631	2.47	10	9	ND	2	36	1	2	2	37	.50	.093	21	14	.39	81	.09	2	2.51	.02	.09	1	1
L12 900	1	16	36	74	.2	9	8	1354	2.64	7	5	ND	2	23	1	2	2	44	.26	.045	18	15	.35	76	.13	2	1.62	.02	.09	1	1
L12 950	1	10	29	96	.2	7	5	2773	2.42	8	5	ND	2	23	1	2	2	42	.27	.046	8	14	.35	123	.14	2	1.27	.02	.10	1	1
L82 88	1	19	34	120	.5	15	7	964	3.00	8	5	ND	6	9	1	2	2	37	.04	.084	15	20	.32	95	.12	5	2.53	.01	.09	1	1
L82 89	1	14	57	81	.6	10	5	821	2.54	11	5	ND	2	8	2	2	2	37	.05	.087	11	15	.21	67	.09	2	1.38	.01	.08	1	1
L82 90	1	39	62	112	.7	16	8	604	2.88	12	5	ND	4	11	1	2	2	33	.07	.087	17	19	.38	76	.08	2	1.91	.01	.13	1	1275
L82 91	1	22	28	98	.7	11	5	1103	2.52	11	5	ND	2	7	1	2	2	34	.04	.095	10	18	.23	72	.10	2	2.86	.01	.07	1	104
L82 92	1	11	23	45	.9	5	3	1096	1.21	3	5	ND	1	8	1	2	2	22	.04	.035	16	9	.08	83	.07	2	.97	.01	.04	1	2
L82 93	1	9	56	55	.4	5	2	113	1.02	4	5	ND	2	11	1	4	2	24	.09	.030	11	7	.06	55	.05	2	.44	.01	.04	1	1
L82 94	1	9	18	42	.5	5	2	121	.96	5	5	ND	3	12	1	4	2	18	.13	.019	14	8	.09	65	.07	2	.47	.01	.04	2	5
L83 88	1	14	24	85	.6	10	5	524	2.60	7	5	ND	3	10	1	3	2	38	.07	.053	14	15	.20	81	.11	3	1.09	.02	.07	1	1
L83 89	1	14	27	60	.2	10	4	368	2.20	5	5	ND	4	11	1	2	2	34	.07	.036	17	13	.20	106	.09	2	.97	.01	.07	1	4
L83 90	1	77	141	76	1.1	8	3	846	1.75	11	5	2	1	26	1	2	5	14	.36	.047	13	10	.15	123	.03	2	.65	.01	.06	1	1640
L83 91	1	172	258	32	2.5	2	2	110	2.49	24	5	4	3	4	2	5	17	4	.02	.029	9	5	.02	28	.01	2	.15	.01	.02	1	4095
L83 92	1	193	201	33	2.5	2	2	26	2.62	25	5	5	4	2	1	3	21	2	.01	.024	6	4	.01	11	.01	3	.05	.01	.01	2	6075
L83 93	1	47	66	68	.8	13	6	422	1.99	9	5	2	3	11	1	2	6	16	.15	.039	13	16	.30	66	.05	2	.89	.01	.09	1	1350
L83 94	1	38	81	116	.8	20	9	854	2.66	13	5	ND	3	19	1	2	3	28	.21	.063	20	26	.51	134	.07	2	1.60	.01	.13	1	940
L83 88X	1	55	75	92	1.0	12	6	557	2.51	14	5	2	3	9	1	3	4	23	.07	.059	15	15	.27	59	.05	29	1.20	.02	.09	1	1865
L83 89X	1	55	136	69	1.0	7	5	1483	1.92	13	5	ND	3	9	1	3	5	20	.11	.050	13	11	.12	85	.04	3	.56	.01	.07	1	1310
L83 90X	1	20	61	113	.6	12	7	1330	2.40	16	5	ND	2	20	1	3	2	28	.36	.131	13	16	.29	120	.08	2	1.30	.01	.10	1	60
STD C/AU-S	17	60	39	128	7.1	66	27	1020	3.94	39	19	7	39	49	15	17	21	57	.46	.085	37	60	.91	174	.08	38	1.69	.06	.13	13	50

TERRA MINES LTD. FILE # 87-3664

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL 8/N 300	1	10	39	94	.1	11	8	1093	2.80	7	5	ND	1	34	1	2	2	42	.48	.069	13	13	.58	74	.12	5	2.17	.02	.10	1	2
BL 8/N 350	1	10	31	95	.1	6	8	1129	2.62	8	5	ND	1	35	1	2	2	39	.49	.053	14	11	.52	83	.13	8	2.00	.02	.09	1	2
BL 8/N 400	1	10	29	80	.2	10	7	1551	2.63	8	5	ND	2	28	1	2	2	37	.36	.033	11	11	.42	77	.14	6	1.72	.02	.09	1	1
BL 8/N 450	1	10	34	47	.4	7	3	248	2.47	7	5	ND	2	15	1	2	2	38	.12	.036	9	9	.29	39	.14	5	1.42	.01	.07	1	1
BL 8/S 50	1	10	19	48	.1	4	4	700	2.26	2	5	ND	1	12	1	2	2	30	.14	.077	8	8	.21	46	.14	2	1.72	.02	.05	1	1
BL 8/S 100	1	11	18	63	.1	9	4	1203	2.36	16	5	ND	1	17	1	2	2	35	.17	.054	11	8	.28	56	.15	2	1.55	.02	.07	1	1
BL 8/S 150	1	10	45	89	.1	6	6	1418	2.52	6	5	ND	1	31	1	2	2	33	.55	.095	11	12	.40	65	.12	10	2.02	.02	.09	1	1
BL 8/S 200	1	6	27	34	.1	2	2	738	1.05	6	5	ND	1	9	1	2	4	23	.10	.031	5	6	.09	73	.14	4	.64	.02	.04	1	1
BL 8/S 250	1	10	18	59	.1	7	6	274	2.62	9	5	ND	1	17	1	2	2	35	.21	.044	10	11	.33	63	.17	6	2.17	.02	.06	1	2
BL 9/N 50	1	9	20	39	.1	2	4	260	2.04	8	5	ND	1	11	1	2	2	37	.14	.030	6	9	.14	48	.16	9	1.25	.02	.03	1	2
BL 9/N 100	1	3	83	105	.1	8	6	3078	1.76	7	5	ND	1	31	2	2	2	27	.52	.037	7	8	.31	152	.10	5	1.12	.01	.06	1	1
BL 9/N 150	1	8	43	91	.3	10	7	1030	2.65	3	5	ND	2	40	1	2	2	38	.55	.060	13	11	.56	71	.13	12	1.98	.02	.09	1	1
BL 9/N 200	1	8	52	103	.3	9	7	1597	2.24	10	5	ND	2	51	1	2	2	31	.76	.069	16	10	.51	104	.10	4	1.73	.02	.07	1	1
BL 9/N 250	1	9	35	74	.1	10	6	1249	2.72	8	5	ND	1	26	1	2	2	38	.30	.040	11	12	.39	71	.14	5	1.70	.01	.08	1	1
BL 9/N 300	1	6	39	58	.4	9	5	701	2.31	5	5	ND	1	22	1	2	2	35	.26	.035	11	11	.35	78	.13	7	1.41	.02	.07	1	1
BL 9/N 350	1	5	29	61	.1	5	6	688	2.13	12	5	ND	2	26	1	2	2	31	.33	.036	12	10	.37	55	.12	6	1.65	.01	.06	1	54
BL 9/N 400	1	7	27	66	.1	12	6	546	2.56	8	5	ND	4	21	1	2	2	39	.22	.038	13	11	.44	57	.15	2	2.23	.02	.08	1	2
BL 9/N 450	1	17	9	39	.4	9	4	178	2.56	9	5	ND	4	8	1	2	2	33	.06	.039	10	9	.18	32	.16	3	3.21	.02	.04	1	1
BL 9/N 500	1	4	61	39	.3	6	3	96	1.37	2	5	ND	1	15	1	2	2	30	.11	.026	7	8	.18	36	.12	6	.88	.01	.06	1	1
BL 9/S 50	1	9	18	43	.2	3	4	157	2.60	5	5	ND	2	16	1	2	2	42	.14	.042	9	10	.25	38	.15	2	1.39	.01	.06	1	2
BL 9/S 100	1	2	28	19	.1	4	1	26	.66	6	5	ND	1	8	1	2	2	21	.05	.011	6	7	.05	43	.14	4	.64	.01	.02	1	2
BL 9/S 150	1	5	60	64	.1	8	4	1129	1.87	7	5	ND	1	17	1	2	2	27	.20	.068	9	10	.25	64	.09	4	1.62	.01	.06	1	2
BL 9/S 200	1	9	33	47	.1	5	4	183	3.26	8	5	ND	2	11	1	2	2	42	.10	.037	8	14	.21	37	.16	5	2.94	.01	.04	1	1
BL 9/S 250	2	9	20	49	.1	6	4	195	2.52	8	5	ND	1	11	1	2	2	38	.10	.052	9	11	.21	39	.15	10	2.03	.02	.05	1	1
BL 9/S 300	1	2	51	44	.1	1	3	219	1.22	2	5	ND	1	17	1	2	2	33	.20	.016	6	7	.17	75	.14	4	.74	.01	.05	1	4
BL 10 0	1	9	44	39	.1	5	2	292	2.06	12	5	ND	1	11	1	2	3	35	.12	.047	5	10	.18	56	.17	4	2.32	.02	.04	1	1
BL 10 50	1	1	44	66	.1	9	5	558	1.97	6	5	ND	1	27	1	2	10	28	.34	.043	16	11	.41	66	.10	8	1.84	.02	.08	1	8
BL 10 100	1	6	39	70	.1	3	5	665	1.75	6	5	ND	1	30	1	2	2	26	.48	.045	14	11	.32	67	.09	2	1.55	.01	.05	1	1
BL 10 150	1	2	39	38	.1	5	3	186	2.22	5	5	ND	1	13	1	2	2	30	.11	.030	12	12	.18	30	.10	2	2.11	.01	.03	1	1
BL 10 200	1	5	36	49	.1	6	3	737	1.51	4	5	ND	1	21	1	2	2	24	.33	.035	7	9	.20	71	.09	2	1.00	.01	.05	1	1
BL 10 250	1	3	34	36	.1	6	4	191	1.73	5	5	ND	1	15	1	3	2	27	.17	.034	10	10	.28	35	.10	2	1.47	.01	.07	1	2
BL 10 300	1	2	26	36	.1	7	3	164	2.15	7	5	ND	2	14	1	2	2	36	.10	.020	11	12	.23	38	.14	5	1.75	.01	.04	1	3
BL 10 350	1	2	43	39	.2	9	3	272	1.42	2	5	ND	1	20	1	2	2	25	.19	.024	8	12	.30	58	.11	25	1.07	.02	.05	1	1
BL 10 400	1	7	24	42	.1	9	4	231	2.38	12	5	ND	1	14	1	2	2	32	.11	.045	12	12	.36	40	.12	5	2.00	.01	.06	1	1
STD C/AU-S	18	61	38	129	7.2	72	28	1083	4.16	39	16	7	40	51	18	18	21	57	.50	.085	38	59	.91	182	.08	38	1.82	.06	.12	14	50

LFS + 300 missing.

TERRA MINES LTD. FILE # 87-3664

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL5 250	1	9	29	98	.2	9	8	1014	2.88	9	5	ND	3	30	1	4	2	38	.39	.079	16	14	.46	83	.15	12	2.76	.02	.10	1	2
BL5 300	1	11	7	80	.1	8	7	379	2.93	3	5	ND	4	15	1	7	2	43	.15	.052	11	13	.36	55	.17	2	3.10	.02	.08	4	2
BL5 350	1	9	43	84	.1	9	6	894	2.43	2	5	ND	3	37	1	2	3	37	.55	.063	22	10	.36	65	.13	2	1.89	.02	.08	1	1
BL5 400	1	7	30	95	.2	9	7	1341	2.69	12	5	ND	3	26	1	3	2	39	.35	.063	13	11	.44	75	.13	5	1.88	.02	.09	3	1
BL5 450	1	9	11	45	.1	5	3	154	1.95	2	5	ND	2	12	1	5	7	41	.13	.028	6	9	.17	46	.15	3	.95	.01	.05	1	1
BL5 500	1	12	15	60	.3	8	5	179	2.79	12	5	ND	4	14	1	7	2	41	.12	.035	11	11	.31	45	.15	2	2.12	.01	.07	2	1
BL5 550	1	6	31	77	.2	11	5	611	2.23	11	5	ND	3	27	1	4	2	34	.35	.040	13	10	.41	59	.12	4	1.64	.02	.07	1	1
BL5 600	1	7	20	60	.2	6	4	301	2.40	6	5	ND	2	15	1	3	2	38	.13	.045	9	9	.28	33	.12	6	1.71	.01	.07	1	1
BL5 650	1	6	17	43	.1	5	3	294	2.14	4	5	ND	2	15	1	6	2	40	.16	.032	8	11	.17	56	.17	3	1.20	.02	.07	1	2
BL5 700	1	7	18	70	.1	8	5	249	3.16	9	5	ND	3	18	1	5	2	47	.19	.027	11	15	.38	54	.16	5	2.17	.02	.09	1	2
BL5 750	1	7	13	46	.1	7	4	157	2.02	4	5	ND	2	17	1	5	2	39	.14	.023	10	9	.28	39	.15	10	1.34	.02	.07	1	1
BL5 800	1	7	51	72	.1	10	6	647	2.29	7	5	ND	1	22	1	3	4	34	.24	.049	15	9	.48	48	.11	2	1.92	.02	.09	1	1
BL5 850	1	8	20	72	.1	8	6	233	2.71	16	5	ND	5	20	1	2	2	40	.18	.028	12	11	.46	42	.14	5	2.35	.02	.09	1	2
BL5 900	1	7	23	61	.3	8	10	1124	2.13	11	5	ND	1	20	1	8	6	33	.24	.070	18	10	.28	48	.08	2	2.03	.02	.07	2	1
BL5 950	1	9	9	83	.3	10	6	396	2.92	13	5	ND	4	22	1	5	2	40	.22	.040	14	14	.58	58	.13	3	2.42	.01	.10	1	1
BL5 1000	1	4	8	53	.1	4	4	144	1.66	7	5	ND	3	28	1	2	2	34	.38	.025	8	8	.30	78	.11	12	.89	.02	.10	1	2
BL5 1050	1	6	22	74	.1	8	7	456	2.49	8	5	ND	2	28	1	4	2	35	.34	.051	12	10	.39	60	.10	2	1.81	.01	.09	1	1
BL5 1100	1	7	19	69	.2	10	8	678	2.93	2	5	ND	5	25	1	2	2	42	.21	.050	17	18	.58	58	.11	2	2.74	.02	.11	1	1
BL 5X50	1	10	4	64	.1	10	6	381	3.02	10	5	ND	2	17	1	5	2	41	.17	.036	10	13	.35	54	.16	2	2.45	.02	.08	1	1
BL 5X100	1	5	27	63	.2	6	8	433	2.56	9	5	ND	4	23	1	3	2	37	.26	.049	15	13	.39	55	.13	3	2.40	.02	.09	1	4
BL 5X150	1	3	18	68	.1	5	5	908	2.26	7	5	ND	2	25	1	4	2	35	.33	.047	15	8	.40	59	.11	2	1.57	.02	.10	2	1
BL 5X200	1	10	7	76	.1	8	6	410	3.12	2	5	ND	5	14	1	2	2	43	.15	.102	15	14	.34	55	.16	9	3.61	.02	.08	1	1
BL 5X250	2	9	7	40	.1	6	2	90	2.26	6	5	ND	3	12	1	5	2	43	.12	.035	6	7	.16	27	.15	4	1.00	.02	.05	1	1
BL 5X300	1	11	62	116	.1	6	7	1363	2.75	7	5	ND	1	36	1	2	4	44	.52	.063	21	14	.47	85	.15	2	2.01	.03	.11	1	2
BL6 50	1	11	10	44	.1	5	3	197	2.38	7	5	ND	2	11	1	3	2	39	.11	.046	7	8	.16	34	.17	5	2.13	.02	.05	1	1
BL6 100	1	9	42	86	.1	5	5	1402	2.70	9	5	ND	2	22	1	4	2	49	.29	.044	9	11	.34	95	.17	4	1.58	.02	.09	1	2
BL6 150	1	15	21	36	.2	6	3	74	1.71	6	5	ND	1	12	1	2	2	32	.11	.053	8	10	.12	60	.10	3	1.26	.01	.04	1	4
BL6 200	1	8	34	45	.1	1	1	488	.65	5	5	ND	1	20	1	2	2	16	.23	.019	8	6	.08	90	.08	2	.56	.01	.04	1	2
BL 7X50	1	9	31	87	.1	7	7	1144	2.61	2	5	ND	2	25	1	2	2	41	.28	.037	12	11	.40	73	.15	2	1.73	.02	.08	1	3
BL 7X100	1	6	16	90	.1	7	8	1643	2.54	7	5	ND	2	29	1	5	2	40	.36	.063	17	12	.46	74	.13	5	2.10	.02	.10	1	1
BL 7X150	1	4	47	100	.1	8	5	1196	2.40	8	5	ND	1	30	1	2	2	40	.39	.044	10	10	.37	89	.13	8	1.46	.02	.09	1	1
BL 8/N 50	1	15	8	44	.4	5	3	131	2.87	2	5	ND	5	7	1	2	2	36	.07	.076	6	13	.14	32	.16	2	4.68	.01	.04	3	1
BL 8/N 100	1	2	38	44	.2	1	1	74	.75	8	5	ND	1	14	1	2	7	19	.24	.019	5	5	.05	65	.07	3	.44	.01	.02	2	1
BL 8/N 150	1	9	30	129	.2	8	8	1423	3.28	21	5	ND	3	28	1	6	2	49	.48	.066	12	16	.61	75	.16	5	2.48	.02	.12	3	1
BL 8/N 200	2	9	55	86	.2	8	7	1534	2.83	18	5	ND	3	22	1	2	2	41	.30	.064	10	13	.43	78	.14	2	1.59	.02	.09	1	1
BL 8/N 250	2	14	83	105	.2	7	5	1625	2.50	14	6	ND	2	34	1	2	2	38	.57	.062	21	13	.44	73	.12	3	2.04	.02	.08	1	2
STD C/AU-S	19	61	39	131	7.3	69	28	1100	4.11	41	20	8	41	51	19	17	19	59	.50	.094	39	63	.89	179	.08	40	1.82	.07	.13	14	51

BL5

L5

BL6

L7

7

L5+300 where?

BAYONNIE
WEST GRID

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 26 1987 DATE REPORT MAILED: Sept 4/87 ASSAYER D. Toye ...DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-3664 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	? MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL 1X00	1	8	27	91	.4	9	7	913	2.55	12	5	ND	1	41	1	2	2	33	.70	.068	17	9	.54	77	.11	2	1.83	.01	.12	1	1
BL 1X50	1	9	25	93	.2	9	8	650	3.27	12	5	ND	1	28	1	3	2	39	.40	.038	17	12	.55	64	.16	2	2.67	.02	.11	1	1
BL 1X100	1	8	26	74	.3	6	6	541	2.71	8	5	ND	2	25	1	2	2	32	.35	.045	20	9	.44	56	.14	4	2.38	.02	.10	1	1
BL 1X150	1	12	23	73	.6	10	8	920	2.67	12	5	ND	1	21	1	4	2	33	.26	.040	16	10	.37	55	.15	2	2.89	.02	.08	1	3
BL 1X200	1	9	42	85	.3	6	6	1088	1.74	15	5	ND	1	30	1	2	2	24	.43	.058	20	7	.25	80	.10	2	1.77	.01	.07	1	34
BL 1X250	1	8	27	73	.2	5	7	1108	2.55	11	5	ND	1	18	1	2	2	34	.28	.049	13	9	.36	96	.13	8	1.51	.01	.08	2	41
BL 1X300	1	12	46	87	.1	6	8	2049	2.17	9	5	ND	1	27	1	3	2	28	.39	.067	15	8	.35	92	.08	3	1.67	.01	.07	1	1
BL 1X350	1	10	40	85	.2	8	7	1051	2.41	16	5	ND	1	27	1	4	2	31	.36	.068	17	8	.45	75	.10	4	1.85	.01	.09	1	2
BL 1X400	1	6	13	57	.1	7	6	585	2.66	7	5	ND	1	18	1	2	2	34	.21	.036	12	8	.39	54	.13	2	1.63	.01	.08	1	1
BL 1X450	1	7	20	82	.1	8	7	1214	2.63	12	5	ND	1	35	1	2	2	34	.55	.065	20	12	.54	83	.11	6	1.90	.02	.10	2	1
BL 1X500	1	10	89	74	.2	6	5	767	2.14	13	5	ND	1	33	1	2	7	30	.47	.061	26	11	.33	60	.09	2	1.82	.01	.07	1	2
BL 1X550	1	11	45	77	.2	7	7	978	2.32	11	5	ND	1	30	1	2	2	31	.45	.059	20	9	.41	72	.10	2	1.83	.01	.09	1	1
BL 1X600	1	8	43	70	.3	11	7	563	2.72	14	5	ND	1	25	1	2	2	37	.30	.056	19	12	.45	54	.13	6	1.94	.02	.09	1	1
BL 1X650	1	10	32	89	.2	6	6	690	3.18	15	5	ND	2	26	1	4	2	45	.38	.050	10	10	.40	66	.18	4	1.59	.01	.10	1	1
BL 1X700	1	4	13	31	.3	2	2	85	1.44	10	5	ND	1	11	1	3	2	38	.07	.025	7	4	.14	28	.18	2	.94	.01	.05	2	1
BL 1X750	1	15	28	133	.1	11	8	3311	2.76	6	7	ND	2	34	1	2	2	35	.63	.196	17	14	.38	140	.12	6	4.34	.02	.08	1	1
BL 3X50	1	9	31	93	.4	6	7	1055	2.81	10	5	ND	1	23	1	2	2	34	.37	.062	11	10	.47	85	.13	5	2.19	.02	.10	1	2
BL 3X100	1	4	24	39	.2	2	3	278	1.85	6	5	ND	1	13	1	2	2	30	.19	.026	7	6	.16	40	.14	4	1.01	.01	.05	1	1
BL 3X150	1	6	44	60	.1	7	4	642	1.78	7	5	ND	1	21	1	4	2	26	.33	.025	7	7	.26	60	.11	3	.93	.01	.06	1	1
BL 3X200	1	6	15	62	.1	7	3	401	1.10	9	5	ND	2	40	1	3	2	17	.74	.040	8	6	.28	142	.07	2	.79	.02	.11	2	1
BL 3X250	1	7	11	42	.2	6	5	307	1.93	9	5	ND	2	16	1	4	2	24	.26	.061	12	7	.33	40	.10	16	1.79	.02	.09	1	1
BL 3X300	1	11	14	34	.2	2	3	199	2.08	7	5	ND	1	8	1	2	2	29	.06	.039	7	6	.11	31	.18	2	1.95	.02	.04	1	1
BL 3X350	1	7	11	41	.1	3	4	327	2.37	9	5	ND	1	11	1	2	2	30	.07	.027	7	9	.22	35	.13	4	1.10	.01	.05	1	1
BL 3X400	1	4	8	56	.1	8	6	416	2.33	7	5	ND	4	28	1	2	2	30	.47	.072	17	9	.55	54	.11	7	1.54	.02	.13	2	5
BL 4X00	1	8	28	91	.1	6	7	498	2.80	10	5	ND	1	30	1	2	2	38	.48	.061	14	12	.59	63	.15	2	1.90	.02	.09	1	1
BL 4X50	1	7	30	80	.1	7	7	1409	2.44	11	5	ND	1	32	1	3	2	33	.53	.062	22	10	.49	65	.11	5	1.99	.02	.09	1	1
BL 4X100	2	13	12	68	.3	5	3	456	2.64	17	5	ND	2	13	1	2	2	32	.17	.064	9	9	.23	45	.15	5	3.23	.02	.06	1	1
BL 4X150	2	10	17	68	.1	6	5	586	2.89	13	5	ND	2	16	1	2	3	37	.19	.074	11	10	.37	41	.15	8	2.47	.02	.08	1	1
BL 4X200	2	7	26	78	.1	5	6	669	2.60	11	5	ND	2	28	1	2	2	32	.47	.084	15	9	.48	59	.13	2	2.00	.02	.11	1	1
BL 4X250	2	8	19	68	.1	9	7	501	2.90	13	5	ND	3	21	1	2	2	35	.27	.056	13	10	.42	46	.14	4	2.27	.02	.08	1	28
BL 4X300	2	12	33	63	.2	8	5	437	2.66	10	5	ND	2	17	1	4	2	35	.17	.045	11	9	.36	51	.16	6	2.14	.02	.07	2	2
BL5 00	2	7	20	73	.2	9	7	432	3.01	13	5	ND	3	18	1	2	2	36	.20	.040	13	11	.48	48	.17	2	2.83	.02	.08	2	1
BL5 50	2	8	27	97	.1	7	7	788	3.02	12	5	ND	1	30	1	6	2	39	.46	.053	19	12	.60	66	.15	8	2.14	.02	.09	1	1
BL5 100	2	9	28	89	.1	10	6	806	3.17	17	5	ND	2	19	1	2	2	40	.23	.043	10	14	.44	74	.17	3	1.86	.02	.09	1	1
BL5 150	2	11	27	76	.1	8	8	1038	3.13	11	5	ND	1	21	1	2	4	39	.24	.058	13	13	.44	65	.15	5	1.88	.02	.08	1	1
BL5 200	1	5	27	25	.1	5	2	59	2.22	9	5	ND	2	7	1	3	2	45	.03	.026	5	8	.08	30	.18	2	1.17	.01	.03	1	1
STD C/AU-S	18	63	42	132	7.3	68	27	1044	4.16	43	15	7	39	50	18	17	22	56	.47	.085	37	59	.90	185	.09	30	1.85	.06	.13	12	53

L1

BL3

BL4

BL5

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
A-3-W	1	11	24	68	.2	7	3	223	2.44	2	5	ND	2	15	1	2	2	38	.12	.048	8	10	.29	48	.12	2	1.40	.02	.08	2	11
A-3-E	1	11	20	58	.1	4	3	308	2.29	2	5	2	1	11	1	2	2	38	.09	.065	7	10	.23	57	.12	6	2.53	.02	.06	1	2
A-3-N	1	9	17	32	.3	3	2	178	2.10	3	5	ND	1	9	1	3	2	38	.07	.033	6	8	.14	40	.12	4	1.45	.02	.05	1	1
A-3-S	1	10	21	74	.1	7	4	289	2.48	3	5	ND	2	18	1	2	2	37	.16	.048	8	9	.38	54	.10	2	1.58	.02	.09	1	2
B-A5	1	20	28	62	.1	9	7	1333	2.76	6	5	ND	2	10	1	2	2	44	.07	.081	10	11	.39	43	.13	3	4.33	.02	.13	1	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L60E 43N	1	13	27	59	.3	8	4	501	2.11	10	5	ND	1	14	1	2	2	33	.11	.063	11	10	.30	49	.11	3	2.00	.03	.10	1	67
L60E 43.5N	1	10	35	70	.1	9	5	870	2.00	9	5	ND	1	19	1	2	2	30	.17	.066	13	11	.39	50	.10	6	1.62	.03	.12	1	18
L60E 44N	1	13	14	62	.1	7	4	401	2.05	7	5	ND	1	12	1	2	2	31	.10	.084	8	11	.30	52	.12	4	2.41	.04	.07	2	2
L60E 44.5N	1	13	82	117	.1	10	8	1362	2.15	14	5	ND	2	35	1	2	2	30	.38	.111	17	10	.41	94	.09	3	2.24	.04	.10	1	1
L60E 45N	1	15	16	78	.1	11	5	349	2.26	6	5	ND	1	29	1	2	2	33	.42	.147	18	14	.50	73	.08	5	2.43	.04	.09	1	1
L60E 45.5N	1	12	100	114	.1	8	8	1140	1.85	15	5	ND	1	57	3	3	2	27	.93	.107	12	13	.43	90	.07	3	1.59	.05	.10	1	2
L60E 46N	1	9	24	102	.1	10	7	1027	2.53	7	5	ND	1	32	1	2	2	38	.47	.058	11	13	.58	68	.13	3	1.87	.04	.09	1	8
L60E 46.5N	1	19	93	103	.2	12	9	1105	1.63	6	5	ND	1	27	2	2	2	24	.28	.115	19	12	.33	103	.06	3	1.99	.03	.12	1	1
L60E 47N	1	5	14	30	.1	3	1	78	.61	3	5	ND	1	17	1	2	2	18	.16	.020	8	2	.08	56	.11	2	.65	.02	.04	2	2
L60E 47.5N	1	11	30	54	.1	9	4	194	1.80	2	5	ND	1	14	1	2	2	28	.11	.061	17	12	.35	56	.12	2	2.04	.03	.09	1	6
L60E 48N	1	12	33	72	.1	10	4	508	2.43	9	5	ND	1	16	1	2	2	40	.15	.066	10	11	.37	64	.15	6	1.73	.03	.11	1	1
L60E 48.5N	1	19	63	135	.1	20	9	2381	2.26	6	5	ND	1	50	2	2	2	38	.50	.118	19	21	.55	176	.11	5	2.19	.05	.12	1	2
L60E 49N	1	10	39	46	.1	5	2	275	1.60	9	5	ND	1	14	1	2	2	30	.11	.038	10	11	.17	61	.14	2	1.38	.03	.07	1	1
L60E 49.5N	1	12	69	83	.1	7	3	469	2.23	11	5	ND	1	16	1	2	3	38	.13	.061	8	9	.22	71	.13	3	1.45	.03	.10	1	14
L60E 50N	1	10	60	74	.1	6	3	670	2.39	10	5	ND	1	13	1	2	2	46	.14	.060	7	11	.21	58	.18	2	1.24	.03	.08	1	12
L61E 41N	1	15	27	69	.1	8	4	804	2.34	10	5	ND	1	12	1	3	3	36	.10	.077	9	10	.31	46	.13	5	1.92	.03	.11	1	1
L61E 41.5N	1	14	42	71	.1	8	5	837	2.12	9	5	ND	1	14	1	2	2	34	.14	.121	10	8	.39	44	.10	2	2.21	.03	.13	1	1
L61E 42N	1	13	30	60	.1	8	5	522	2.04	8	5	ND	1	15	1	2	2	34	.12	.092	11	10	.37	52	.10	4	2.50	.03	.12	1	1
L61E 42.5N	1	13	24	78	.3	7	4	662	2.28	6	5	ND	2	15	1	2	2	38	.13	.067	8	10	.32	58	.13	3	2.28	.03	.13	1	2
L61E 43N	1	13	16	78	.1	9	5	567	2.35	6	5	ND	1	14	1	2	2	38	.10	.079	10	10	.42	57	.12	4	2.24	.03	.14	1	1
L61E 43.5N	1	9	24	51	.1	7	3	182	2.75	13	5	ND	3	15	1	2	2	48	.13	.056	8	9	.29	57	.17	4	2.26	.03	.07	1	1
L61E 44N	1	9	23	59	.2	7	3	217	2.10	5	5	ND	1	15	1	2	2	28	.14	.070	10	8	.35	46	.11	5	3.54	.04	.06	1	2
L61E 44.5N	1	13	28	58	.1	7	4	272	2.08	9	5	ND	1	13	1	2	2	34	.10	.076	10	9	.35	49	.11	3	2.23	.03	.11	1	1
L61E 45N	1	16	32	96	.2	15	11	2125	2.76	10	5	ND	2	24	1	2	2	36	.22	.122	20	27	.53	130	.10	7	2.55	.04	.12	1	1
L61E 45.5N	1	9	14	62	.1	7	4	426	1.95	2	5	ND	2	16	1	2	2	33	.15	.041	9	9	.33	53	.13	2	1.80	.03	.10	1	2
STD C/AU-S	19	59	41	134	7.1	71	28	1017	3.88	42	17	7	38	50	18	17	20	58	.46	.089	38	57	.86	177	.09	37	1.84	.08	.14	13	49
L61E 46N	1	13	20	54	.3	7	3	139	2.57	8	5	ND	3	11	1	4	2	41	.08	.042	8	9	.22	55	.17	2	2.23	.03	.07	1	1
L61E 46.5N	1	11	36	76	.1	9	6	748	2.63	9	5	ND	2	17	1	2	2	43	.15	.085	11	12	.49	48	.12	8	2.17	.03	.13	1	1
L61E 47N	1	12	28	83	.1	8	4	581	2.09	10	5	ND	2	24	1	2	2	33	.23	.093	9	9	.34	84	.13	5	1.67	.04	.09	1	85
L61E 47.5N	1	12	39	93	.3	7	6	1951	1.99	11	5	ND	2	32	1	3	2	32	.21	.071	33	13	.31	80	.09	3	1.91	.03	.11	1	2
L61E 48N	1	11	33	71	.2	8	3	407	2.52	7	5	ND	2	15	1	2	3	43	.14	.058	8	11	.29	53	.16	7	2.24	.03	.08	1	2
L61E 48.5N	1	13	23	44	.1	8	3	234	2.21	4	5	ND	2	11	1	2	2	36	.08	.062	10	10	.19	45	.17	4	2.95	.04	.07	1	2
L61E 49N	1	15	23	51	.1	7	3	119	2.97	3	5	ND	4	9	1	4	2	45	.06	.096	7	11	.22	33	.19	3	4.10	.04	.07	1	635
L61E 49.5N	1	11	22	77	.1	8	4	334	2.49	8	5	ND	3	19	1	2	2	41	.16	.049	8	9	.38	46	.16	3	2.19	.04	.11	1	1
L61E 50N	1	13	57	98	.1	10	4	823	2.38	9	5	ND	3	22	1	2	2	39	.21	.096	11	10	.35	106	.16	3	1.83	.04	.14	1	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L58 44.5	1	10	41	97	.1	10	6	649	2.48	5	5	ND	2	34	1	3	2	38	.42	.048	16	10	.44	83	.13	10	1.97	.04	.10	1	12
L58 45	1	8	52	113	.3	9	5	518	2.32	3	5	ND	2	27	1	2	2	36	.31	.043	12	13	.44	72	.13	3	1.69	.04	.11	1	1
L58 45.5	1	10	41	111	.2	10	6	920	2.66	8	5	ND	2	34	1	2	2	40	.44	.062	11	14	.47	75	.14	9	2.16	.04	.08	1	1
L58 46	1	12	28	72	.2	8	4	314	2.29	2	5	ND	3	19	1	2	3	34	.21	.096	10	10	.36	64	.12	8	2.44	.04	.09	1	2
L58 46.5	1	10	51	107	.1	9	5	787	2.17	6	5	ND	1	29	1	2	2	34	.36	.088	12	13	.39	80	.12	15	1.69	.04	.12	1	1
L58 47	1	9	44	73	.1	8	3	445	2.71	5	5	ND	2	15	1	2	2	47	.17	.043	9	12	.31	58	.17	3	1.72	.03	.08	1	31
L58 47.5	1	13	71	125	.2	9	7	1186	2.15	4	5	ND	1	38	2	2	2	31	.35	.071	14	10	.39	117	.12	3	1.86	.04	.11	1	34
L58 48	1	13	28	54	.1	6	2	138	2.50	4	5	ND	2	12	1	3	2	38	.10	.049	8	10	.16	49	.18	2	2.94	.03	.05	1	1
L58 48.5	1	11	49	90	.1	7	3	574	3.38	9	5	ND	2	20	1	2	2	58	.20	.104	7	10	.25	64	.19	4	1.58	.03	.13	1	120
L58 49	1	11	45	90	.1	6	3	990	1.80	7	5	ND	1	21	1	2	2	33	.18	.050	7	10	.19	92	.12	2	1.35	.03	.07	1	59
L58 49.5	1	12	70	123	.1	8	4	1114	2.39	8	5	ND	2	24	1	2	2	40	.21	.054	9	11	.31	86	.15	10	1.88	.04	.12	1	62
L58 50	1	14	108	96	.1	8	4	687	2.87	12	5	ND	1	14	1	5	2	47	.12	.070	7	10	.34	68	.17	8	1.78	.03	.12	2	4
L59 40	1	11	23	41	.1	6	3	185	2.41	3	5	ND	1	9	1	2	2	39	.07	.045	7	15	.21	50	.17	2	1.46	.03	.07	1	1
L59 40.5	1	12	20	50	.1	8	3	189	2.44	5	5	ND	3	13	1	2	2	37	.10	.068	9	13	.29	46	.15	2	2.16	.03	.09	1	1
L59 41	1	13	40	54	.1	9	3	415	2.49	6	5	ND	1	12	1	4	2	37	.09	.058	9	10	.29	55	.16	3	1.94	.03	.09	1	40
L59 41.5	1	13	27	46	.1	8	5	535	1.95	2	5	ND	1	14	1	2	2	29	.10	.076	15	10	.32	53	.09	3	2.10	.03	.10	1	13
L59 42	2	14	28	59	.1	10	5	528	2.67	5	5	ND	2	16	1	2	2	37	.12	.047	12	11	.42	65	.16	5	1.81	.03	.12	1	5
L59 42.5	1	11	22	42	.2	6	3	222	2.57	4	5	ND	2	14	1	2	2	42	.10	.048	11	11	.27	57	.16	2	2.02	.03	.09	1	1
L59 43	1	12	22	47	.1	6	3	177	2.46	2	5	ND	2	13	1	2	2	39	.10	.072	8	11	.27	42	.13	2	2.10	.03	.05	1	1
L59 43.5	1	7	28	52	.1	6	2	77	1.17	4	5	ND	1	13	1	2	2	29	.10	.025	7	8	.15	74	.13	2	.95	.03	.06	1	1
L59 44	2	11	75	115	.1	8	3	365	2.48	6	5	ND	3	13	1	2	2	39	.12	.049	8	10	.32	49	.15	3	2.27	.03	.11	1	1
L59 44.5	1	14	302	242	.2	10	7	1297	2.64	7	5	ND	1	28	2	2	2	35	.32	.114	16	13	.53	110	.10	3	2.09	.04	.12	2	1
L59 45	1	14	70	148	.3	16	8	1434	2.54	7	5	ND	1	37	1	2	2	38	.43	.115	24	18	.67	90	.12	4	2.39	.05	.15	2	2
L59 45.5	1	10	46	125	.4	11	7	1286	2.16	7	5	ND	2	66	1	2	2	36	1.15	.161	14	16	.60	79	.06	4	1.82	.05	.10	2	1
L59 46	1	9	29	77	.1	9	5	425	2.43	6	5	ND	2	18	1	2	3	37	.19	.057	12	11	.44	50	.12	4	1.88	.03	.08	1	1
L59 46.5	1	8	36	76	.4	8	5	671	2.08	4	5	ND	2	35	1	2	2	33	.50	.070	16	13	.49	48	.09	3	1.80	.04	.08	1	1
L59 47	1	12	47	70	.1	9	5	492	2.21	6	5	ND	1	17	1	2	2	34	.15	.065	13	14	.34	61	.11	3	1.84	.03	.10	1	1
L59 47.5	1	16	109	160	.4	11	6	1294	2.57	7	5	ND	3	26	2	2	2	37	.32	.091	11	12	.42	119	.13	3	1.88	.04	.12	1	9
L59 48	2	14	24	60	.1	8	4	194	2.82	4	5	ND	4	11	1	2	2	40	.09	.059	13	11	.31	42	.17	23	3.74	.04	.10	1	2
L59 48.5	1	11	58	88	.4	9	5	470	2.53	5	5	ND	3	23	1	2	2	37	.19	.073	15	13	.43	70	.14	5	2.24	.04	.13	1	1
L59 49	2	11	43	65	.1	7	3	443	2.46	9	5	ND	2	16	1	2	2	42	.14	.060	9	10	.28	50	.14	2	2.05	.03	.09	1	1
L59 49.5	2	12	85	80	.1	9	3	281	3.05	7	5	ND	4	20	1	3	2	56	.14	.058	8	13	.35	60	.21	3	1.59	.03	.11	3	1010
L59 50	1	15	115	123	.3	7	3	224	3.48	2	5	ND	5	13	1	3	2	47	.09	.058	8	14	.24	51	.09	2	2.67	.03	.06	2	335
L60E 41.5N	1	12	28	78	.2	10	5	870	2.48	6	5	ND	3	20	1	2	2	36	.15	.108	11	10	.43	68	.12	5	2.84	.04	.13	1	1
L60E 42N	1	12	29	69	.1	6	4	480	2.32	7	5	ND	2	13	1	2	2	36	.10	.070	11	11	.32	46	.12	4	2.25	.03	.11	1	2
L60E 42.5N	1	10	27	55	.4	6	2	144	2.07	2	5	ND	2	11	1	2	2	38	.06	.042	9	13	.22	47	.15	4	1.72	.03	.08	1	8
STD C/AU-S	19	59	42	128	7.3	71	28	1034	3.93	41	18	7	38	50	19	18	21	58	.48	.092	37	60	.87	175	.08	35	1.84	.09	.14	13	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L56 47.5	1	9	41	103	.4	7	4	568	1.94	2	5	ND	1	25	1	2	2	30	.24	.053	9	12	.33	61	.11	5	1.36	.03	.10	1	2
L56 48	1	11	66	134	.5	8	6	1115	2.25	2	5	ND	2	25	1	2	2	31	.22	.065	11	10	.39	78	.12	2	1.78	.04	.10	1	86
L56 48.5	1	12	70	141	.6	8	8	1501	2.81	5	5	ND	1	21	2	2	2	40	.18	.057	11	16	.46	58	.14	8	2.23	.04	.11	1	17
L56 49	1	15	107	282	1.0	8	9	1415	2.25	4	5	ND	2	33	9	2	2	34	.28	.066	16	14	.37	94	.13	2	1.82	.04	.10	1	77
L56 49.5	1	16	92	128	.5	6	3	478	2.35	2	5	ND	1	12	1	2	2	36	.11	.090	6	12	.22	60	.16	2	2.56	.03	.09	2	18
L56 50	1	15	90	122	.5	6	3	506	2.39	2	5	ND	3	13	1	4	2	37	.12	.095	7	11	.23	57	.17	3	2.58	.04	.09	1	1
L57 40	1	7	33	60	.1	7	5	509	1.94	2	5	ND	1	18	1	2	2	29	.14	.051	12	11	.34	46	.10	2	1.67	.03	.10	1	1
L57 40.5	1	8	25	70	.1	7	3	364	1.86	2	5	ND	1	18	1	2	2	31	.16	.070	7	12	.30	46	.12	5	1.30	.03	.09	1	1
L57 41	1	6	19	36	.2	3	1	68	1.34	2	5	ND	1	9	1	2	2	29	.06	.036	7	9	.11	28	.14	5	.95	.03	.04	1	20
L57 41.5	1	8	27	58	.4	6	5	411	1.98	4	5	ND	4	20	1	4	2	30	.30	.094	13	10	.44	56	.11	2	2.21	.04	.20	3	6
L57 42	1	8	23	52	.3	6	4	272	1.88	2	5	ND	3	17	1	2	2	26	.23	.086	13	10	.40	43	.09	2	2.39	.03	.12	1	4
L57 42.5	1	11	74	77	.1	9	4	701	1.96	3	5	ND	1	21	1	2	2	29	.17	.062	11	14	.33	76	.11	3	1.65	.03	.10	1	1
L57 43	1	16	102	109	.4	10	5	1684	1.77	3	5	ND	1	47	2	2	3	25	.35	.061	14	10	.31	136	.08	5	1.64	.03	.12	1	41
L57 43.5	1	9	41	64	.4	8	5	437	1.96	3	5	ND	1	21	1	2	2	29	.17	.051	14	16	.36	59	.10	7	1.63	.03	.11	1	1
L57 44	1	12	79	78	.4	8	6	1125	1.93	7	5	ND	1	21	1	2	2	29	.17	.066	13	14	.30	76	.10	3	1.53	.03	.11	1	2
L57 44.5	1	5	26	51	.2	4	2	113	1.36	2	5	ND	1	17	1	2	2	33	.17	.024	7	6	.16	34	.13	7	.73	.03	.05	1	2
L57 45	1	8	30	81	.3	7	6	979	2.13	2	5	ND	1	41	1	2	2	34	.48	.077	14	17	.38	60	.09	3	1.72	.04	.08	1	1
L57 45.5	1	10	60	121	.5	9	6	1041	2.01	2	5	ND	1	44	1	2	2	29	.54	.073	18	17	.45	97	.10	3	1.66	.04	.10	1	2
L57 46	1	9	12	50	.1	6	5	278	2.23	2	17	ND	4	24	1	4	2	27	.24	.045	16	10	.17	28	.15	6	5.39	.04	.05	2	1
L57 46.5	1	6	38	77	.2	7	5	587	2.12	2	5	ND	1	21	1	2	2	33	.21	.038	11	12	.35	81	.13	3	1.46	.03	.06	1	1
L57 47	1	10	32	48	.1	6	3	142	2.52	2	5	ND	2	12	1	2	2	39	.09	.043	8	12	.24	34	.15	4	2.27	.03	.05	1	1
L57 47.5	1	7	38	70	.3	6	3	203	2.89	2	5	ND	2	18	1	3	2	51	.16	.048	8	10	.29	43	.14	5	1.53	.03	.08	1	63
L57 48	1	10	44	85	.1	7	5	330	2.20	2	5	ND	3	21	1	2	2	32	.23	.093	11	10	.48	44	.11	3	2.51	.03	.15	1	8
L57 48.5	1	10	38	64	.2	6	3	322	2.79	3	5	ND	2	10	1	3	2	46	.07	.041	8	16	.21	42	.18	3	1.70	.03	.07	1	1
L57 49	1	12	39	188	.6	8	7	1152	2.23	4	5	ND	1	20	2	2	2	35	.17	.057	14	11	.34	60	.13	8	2.22	.03	.09	1	1
L57 49.5	1	31	345	221	1.7	7	6	650	2.39	3	5	ND	3	18	2	2	2	35	.21	.081	11	9	.44	47	.14	2	2.38	.04	.14	1	270
L57 50	1	14	110	175	.6	8	4	2447	2.44	8	5	ND	1	31	2	2	2	40	.31	.088	7	12	.37	148	.15	2	1.69	.03	.13	1	420
L58 40	1	10	27	58	.3	6	3	361	1.93	7	5	ND	2	16	1	2	2	33	.13	.066	8	16	.26	61	.13	2	1.38	.03	.10	1	3
L58 40.5	1	11	37	52	.2	7	3	333	2.16	2	5	ND	1	15	1	2	2	33	.13	.054	7	11	.24	56	.13	2	1.76	.03	.08	1	1
L58 41	1	8	31	45	.1	7	3	308	1.85	2	5	ND	2	15	1	4	2	29	.12	.045	10	13	.28	50	.11	2	1.61	.03	.09	2	4
L58 41.5	1	8	33	50	.1	7	3	197	2.02	2	5	ND	2	18	1	2	2	32	.13	.035	10	14	.31	49	.13	2	1.39	.03	.10	1	5
L58 42	1	10	49	67	.2	8	4	384	1.84	2	5	ND	1	25	1	2	2	27	.19	.063	13	17	.36	73	.09	2	1.56	.03	.12	1	1
L58 42.5	1	9	37	66	.1	7	4	292	2.30	2	5	ND	1	17	1	2	2	36	.14	.045	11	13	.35	47	.13	2	1.66	.03	.10	1	1
L58 43	1	9	35	65	.2	6	4	388	2.33	6	5	ND	2	16	1	2	2	37	.12	.043	10	11	.29	49	.14	7	1.62	.03	.10	1	1
L58 43.5	1	8	25	46	.3	4	2	130	1.72	5	5	ND	1	10	1	2	2	36	.08	.041	5	10	.12	32	.14	10	1.57	.04	.05	2	151
L58 44	1	9	27	56	.2	6	2	496	1.79	5	5	ND	1	14	1	5	2	29	.12	.097	5	10	.19	51	.13	2	1.75	.03	.06	1	1
STD C/AU-S	18	57	43	132	7.3	69	28	1050	3.93	41	18	7	37	50	19	18	23	58	.47	.091	37	61	.87	181	.08	35	1.84	.09	.12	12	52

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 21 1987 DATE REPORT MAILED: Aug 3/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-3517 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L55 40	1	18	71	78	.1	12	18	1649	1.95	3	5	ND	2	25	1	3	2	29	.20	.256	20	9	.28	90	.08	7	3.25	.04	.11	1	11
L55 40.5	1	9	24	46	.1	7	4	275	2.12	3	5	ND	2	21	1	2	2	30	.16	.047	16	14	.27	60	.11	2	1.61	.03	.07	1	3
L55 41.	1	7	34	48	.1	7	3	297	2.22	8	5	ND	2	22	1	2	2	40	.23	.074	9	14	.30	51	.14	2	1.32	.03	.08	3	31
L55 41.5	1	9	32	83	.1	8	5	866	2.40	6	5	ND	1	34	1	2	2	31	.33	.063	12	10	.44	70	.10	12	1.64	.04	.12	1	86
L55 42	1	6	30	60	.1	8	5	993	2.13	2	7	ND	2	49	1	2	2	28	.43	.050	21	15	.45	51	.08	2	1.50	.04	.08	1	6
L55 42.5	1	9	33	53	.1	6	3	424	2.33	3	6	ND	3	23	1	2	2	39	.23	.047	9	11	.27	70	.15	2	1.84	.03	.11	1	34
L55 43	1	13	27	60	.1	9	5	341	2.60	2	7	ND	4	14	1	2	2	40	.14	.074	13	13	.40	48	.14	2	3.07	.03	.11	1	2
L55 43.5	1	9	34	69	.1	8	3	520	2.31	7	5	ND	1	19	1	2	2	35	.17	.049	8	14	.30	60	.13	3	1.48	.03	.10	1	4
L55 44	1	11	57	62	.1	8	6	592	2.21	4	5	ND	1	28	1	2	2	31	.27	.067	17	13	.31	80	.10	3	1.67	.03	.10	1	220
L55 44.5	1	8	37	67	.1	7	6	772	2.51	3	5	ND	1	21	1	2	2	35	.22	.043	11	12	.35	54	.13	3	1.63	.04	.08	1	13
L55 45	1	7	35	33	.2	5	2	186	2.22	7	6	ND	2	22	1	3	2	37	.24	.034	8	11	.18	44	.16	5	1.19	.03	.07	1	1
L55 45.5	1	8	35	98	.1	9	7	946	2.38	2	5	ND	2	33	1	2	2	38	.42	.063	14	14	.54	66	.13	2	2.12	.04	.09	1	4
L55 46	1	10	65	94	.1	9	6	1193	2.63	9	5	ND	3	33	2	4	2	44	.30	.045	12	13	.38	69	.17	9	1.88	.04	.10	3	1
L55 46.5	1	8	28	43	.3	5	2	156	2.13	2	5	ND	1	15	1	3	2	37	.14	.037	8	12	.21	38	.15	7	1.31	.03	.09	2	2
L55 47	1	13	69	173	.3	10	7	1859	2.33	3	6	ND	2	38	2	3	2	35	.35	.118	15	9	.48	119	.12	2	2.09	.05	.15	1	13
L55 47.5	1	7	40	109	.1	8	5	384	2.33	5	5	ND	3	30	1	2	2	36	.32	.081	11	10	.55	44	.13	2	1.92	.04	.12	1	19
L55 48	1	7	63	380	.1	8	7	737	2.39	2	5	ND	3	30	4	2	2	37	.32	.051	13	10	.57	68	.14	2	1.92	.04	.12	2	9
L55 48.5	1	10	51	326	.7	7	6	879	2.33	4	5	ND	2	24	4	2	2	36	.26	.058	11	11	.48	68	.14	5	1.88	.04	.10	2	35
L55 49	1	17	266	497	1.1	9	7	1245	2.78	4	5	ND	3	26	3	4	2	42	.31	.089	12	14	.64	79	.16	9	2.67	.05	.14	1	49
L55 49.5	1	15	81	97	.7	8	4	842	2.33	6	5	ND	2	21	1	2	2	41	.18	.077	9	12	.32	91	.16	2	1.87	.04	.12	1	37
L55 50	1	40	780	237	4.7	7	7	616	2.65	26	6	2	5	28	2	7	2	37	.39	.116	13	11	.71	70	.13	2	2.36	.05	.25	2	1480
L56 40	1	11	25	80	.2	9	5	345	2.52	2	5	ND	4	18	1	3	2	39	.16	.061	11	9	.44	48	.15	2	2.67	.04	.12	1	3
L56 40.5	1	10	19	72	.1	9	5	301	2.49	4	5	ND	4	18	1	4	2	39	.17	.056	12	13	.43	45	.15	2	2.64	.04	.11	1	1
L56 41	1	12	23	61	.1	8	4	252	2.35	4	5	ND	3	17	1	4	2	39	.14	.056	12	12	.34	60	.14	2	1.95	.03	.09	1	165
L56 41.5	1	7	20	94	.1	8	5	443	2.41	4	5	ND	3	31	1	2	2	32	.27	.051	13	13	.45	51	.10	2	1.56	.04	.10	1	1
L56 42	1	8	38	72	.2	7	5	640	2.02	2	5	ND	2	45	1	2	2	26	.34	.061	16	12	.41	49	.07	3	1.65	.04	.10	1	1
L56 42.5	1	6	25	52	.1	6	3	187	2.52	4	5	ND	3	21	1	2	2	49	.19	.037	11	10	.27	45	.16	10	1.23	.03	.08	1	26
L56 43	1	9	39	64	.1	6	3	470	2.26	2	5	ND	2	25	1	2	2	35	.23	.037	11	12	.22	69	.12	2	1.14	.03	.09	1	4
L56 43.5	1	7	18	61	.1	8	4	357	2.50	6	5	ND	6	20	1	2	2	32	.25	.074	15	12	.43	44	.11	11	2.42	.04	.14	1	5
L56 44	1	7	27	45	.1	4	2	141	1.24	3	5	ND	1	18	1	2	2	28	.14	.028	11	7	.12	115	.11	3	.97	.03	.06	1	3
L56 44.5	1	9	36	95	.2	9	7	1300	2.19	4	5	ND	2	33	1	3	2	37	.36	.059	17	10	.42	69	.11	13	1.80	.04	.08	1	60
L56 45	1	8	32	67	.2	7	7	386	2.31	2	5	ND	2	19	1	2	2	32	.17	.047	16	10	.30	46	.11	3	1.90	.03	.09	1	8
L56 45.5	1	11	78	126	.1	7	4	958	2.40	8	5	ND	1	29	1	2	2	35	.52	.072	7	12	.35	133	.12	6	1.33	.04	.15	1	77
L56 46	1	10	62	121	1.1	9	7	1663	2.38	2	5	2	1	42	2	2	2	32	.48	.090	17	10	.46	90	.10	3	1.87	.04	.09	1	1
L56 46.5	1	12	47	101	.2	7	3	479	2.35	4	5	ND	2	20	1	3	2	38	.19	.067	8	13	.27	74	.13	2	1.85	.03	.09	1	2
L56 47	1	15	62	122	.5	8	6	1165	2.45	6	12	ND	2	31	2	2	2	37	.28	.091	17	11	.32	63	.11	7	2.27	.04	.10	1	11
STD C/AU-S	19	57	41	131	7.3	68	28	1048	3.90	42	24	8	36	49	19	17	18	57	.47	.090	37	59	.89	178	.08	33	1.81	.08	.13	13	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
3 L60 51.5 50.5	1	15	120	66	.7	5	3	166	3.27	4	5	ND	4	10	1	2	2	43	.09	.042	8	11	.19	50	.21	2	3.23	.01	.05	3	24
L60 52 51	1	12	28	39	.1	4	3	285	2.36	3	5	ND	3	14	1	2	2	33	.16	.061	6	10	.20	45	.17	2	3.45	.02	.08	2	2
L60 53.5 51.5	1	16	13	30	.1	8	3	131	4.60	2	5	ND	5	6	1	2	2	55	.06	.075	6	18	.15	32	.22	7	4.93	.02	.03	3	2
L61 50	1	13	27	47	.1	7	3	235	2.18	3	5	ND	3	17	1	2	2	31	.16	.049	9	9	.26	76	.17	2	1.73	.01	.08	3	1
L61 50.5	1	14	22	34	.1	5	3	108	2.69	3	5	ND	3	9	1	2	2	40	.09	.047	6	10	.15	39	.21	6	2.52	.02	.05	2	1
L61 51	1	18	23	29	.1	5	3	174	2.54	7	5	ND	3	8	1	2	2	34	.07	.105	5	9	.16	38	.20	8	4.61	.02	.04	4	1
L61 51.2	1	11	28	34	.1	4	3	111	2.43	3	5	ND	2	10	1	2	2	39	.08	.043	7	10	.28	40	.21	2	2.52	.02	.06	1	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL56 56	1	15	44	76	.2	6	4	360	2.60	4	5	ND	5	16	1	3	2	45	.16	.052	7	9	.39	38	.26	3	2.76	.02	.11	1	2
BL56 56.5	1	14	83	84	.1	6	7	1041	2.22	7	5	ND	3	31	1	2	2	38	.27	.040	9	9	.51	93	.21	3	1.72	.02	.20	1	2
BL56 57	1	11	37	77	.1	8	5	782	2.68	5	5	ND	3	15	1	3	2	45	.13	.061	12	12	.40	50	.16	2	2.30	.01	.10	1	1
BL56 57.5	1	19	25	44	.1	9	4	109	2.85	2	5	ND	5	10	1	2	4	44	.08	.036	7	11	.24	42	.26	6	4.51	.03	.06	1	1
BL56 58	1	13	23	50	.1	9	5	187	2.89	4	5	ND	5	14	1	2	3	45	.11	.046	7	12	.39	43	.24	3	3.22	.02	.08	2	1
BL57 50	1	11	52	71	.8	7	5	258	3.39	3	5	ND	4	21	1	2	2	56	.19	.037	8	11	.42	40	.26	3	2.12	.02	.10	1	34
BL57 50.5	1	12	69	80	.8	6	5	328	2.66	5	5	ND	3	23	1	2	2	48	.22	.044	8	10	.40	45	.23	3	1.82	.02	.11	1	63
BL57 51	1	15	28	59	.1	5	4	170	3.16	6	5	ND	5	15	1	2	2	50	.12	.055	7	12	.35	47	.26	2	3.27	.02	.09	1	9
BL57 51.5	1	14	19	67	.1	9	5	210	3.17	3	5	ND	4	18	1	2	2	48	.17	.076	8	12	.44	45	.23	2	3.12	.02	.10	1	1
BL57 52	1	17	48	89	.1	8	7	789	2.46	9	5	ND	3	21	1	4	4	37	.21	.134	10	10	.42	84	.20	3	2.79	.02	.13	1	14
BL57 52.5	1	12	80	126	.3	8	5	624	3.21	2	5	ND	3	22	1	2	2	55	.23	.059	7	11	.46	74	.23	7	2.07	.02	.14	1	12
BL57 53	1	12	35	51	.1	8	4	224	3.12	2	5	ND	4	16	1	2	2	50	.13	.043	8	12	.41	52	.28	2	2.89	.02	.10	1	1
BL57 53.5	2	16	36	47	.2	6	4	148	3.77	3	5	ND	4	8	1	2	2	51	.06	.052	9	12	.20	42	.28	4	3.36	.02	.07	1	1
BL57 54	1	9	81	54	.2	4	3	213	1.88	2	5	ND	2	17	1	2	2	34	.13	.044	8	8	.24	44	.17	4	1.64	.02	.07	1	2
BL57 54.5	1	15	44	67	.1	8	5	390	2.80	8	5	ND	3	17	1	2	2	48	.15	.047	7	12	.33	65	.24	7	1.89	.02	.08	1	2
BL57 55	1	17	51	105	.1	9	7	1217	2.52	3	5	ND	1	23	1	2	2	37	.25	.102	9	11	.38	94	.15	4	2.56	.02	.12	1	4
BL57 55.5	1	12	33	62	.1	8	4	433	2.09	5	5	ND	2	17	1	2	2	36	.15	.063	10	8	.27	63	.18	8	2.31	.02	.07	1	1
BL57 56	1	15	20	37	.1	4	2	247	3.41	2	5	ND	5	8	1	2	2	45	.07	.050	6	10	.14	44	.21	2	3.83	.02	.05	1	2
BL57 56.5	1	11	35	54	.1	4	4	299	2.21	10	5	ND	2	23	1	2	2	36	.27	.109	8	8	.30	65	.17	3	1.99	.02	.07	1	2
BL58 50	1	14	38	59	.1	6	5	470	3.26	6	5	ND	3	14	1	3	2	53	.13	.099	7	11	.28	52	.25	10	2.13	.02	.08	1	1
BL58 50.5	1	9	49	76	.1	6	5	467	3.04	7	5	ND	4	22	1	3	2	42	.25	.125	10	9	.46	45	.16	13	2.27	.02	.11	2	7
BL58 51	1	15	32	76	.2	8	5	416	3.13	6	5	ND	5	18	1	2	4	46	.17	.093	9	10	.48	52	.22	4	2.99	.02	.14	1	1
BL58 51.5	2	15	18	58	.2	8	5	284	3.17	5	5	ND	4	12	1	2	2	49	.11	.068	7	14	.34	44	.24	10	2.59	.02	.10	1	2
BL58 52	1	14	22	55	.1	9	4	277	2.90	4	5	ND	4	15	1	2	2	45	.14	.064	8	11	.36	54	.23	12	2.52	.02	.10	1	8
BL58 52.5	1	13	26	69	.1	8	7	676	2.71	7	5	ND	3	20	1	2	2	44	.19	.079	9	11	.44	65	.19	8	2.48	.02	.12	1	2
BL58 53	1	9	35	68	.1	6	5	495	2.71	5	5	ND	3	25	1	2	2	45	.22	.046	10	11	.42	67	.19	3	1.96	.02	.11	1	1
BL58 53.5	1	14	32	62	.1	7	4	509	2.49	6	5	ND	4	17	1	4	2	43	.16	.041	9	10	.29	67	.22	2	2.45	.02	.08	1	3
BL58 54	1	10	47	50	.6	6	4	118	3.33	7	5	ND	3	14	1	2	2	49	.13	.043	8	11	.22	37	.21	2	2.30	.02	.05	2	2
BL58 54.5	2	16	32	64	.1	14	4	263	2.79	3	5	ND	4	14	1	3	2	44	.13	.073	9	12	.37	63	.22	10	3.49	.02	.08	1	1
BL59 50	1	18	125	141	1.0	7	5	194	3.79	9	5	ND	6	12	1	2	4	51	.09	.048	11	13	.29	48	.14	6	2.88	.01	.07	1	350
BL59 50.5	1	42	360	210	2.9	10	6	356	2.71	11	5	ND	7	20	1	6	2	37	.22	.082	13	11	.48	51	.15	2	3.17	.02	.12	42	845
BL59 51	1	13	38	49	.3	5	3	343	2.15	3	5	ND	3	12	1	2	2	39	.10	.042	7	9	.19	49	.20	7	1.77	.02	.06	1	160
BL59 51.5	1	17	26	67	.1	7	4	458	2.40	4	5	ND	5	15	1	2	2	39	.12	.078	8	10	.32	48	.19	9	2.87	.02	.10	1	4
BL59 52	1	13	33	66	.1	9	5	366	3.18	6	5	ND	3	16	1	2	3	49	.15	.053	9	11	.32	79	.16	3	2.23	.02	.09	1	2
BL59 52.5	1	11	24	57	.1	7	5	550	2.97	3	5	ND	4	21	1	2	3	46	.25	.076	7	10	.38	62	.22	2	2.78	.02	.10	1	13
BL60 50	1	17	29	55	.1	6	4	315	2.36	7	5	ND	5	12	1	2	3	37	.11	.072	9	9	.27	48	.19	4	2.98	.02	.07	1	4
STD C/AU-S	19	60	44	132	7.5	70	26	1040	3.77	40	18	7	37	49	17	18	21	58	.46	.082	38	56	.82	173	.08	36	1.83	.06	.12	11	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL 54 57.5	1	12	17	55	.1	7	3	144	2.60	12	5	ND	5	11	1	2	2	47	.10	.031	7	11	.29	45	.22	3	2.44	.02	.06	1	1
BL 54 58	1	13	20	43	.1	5	3	142	2.59	7	5	ND	3	9	1	2	2	42	.08	.039	6	10	.20	35	.21	3	2.71	.02	.05	1	1
BL 54 58.5	1	12	36	49	.1	5	4	271	2.49	12	5	ND	3	10	1	2	2	43	.08	.039	9	9	.22	36	.23	3	2.40	.02	.07	1	1
BL 54 59	1	17	17	36	.1	6	3	126	2.21	4	5	ND	4	7	1	2	2	38	.06	.036	8	9	.19	21	.23	2	4.26	.02	.05	1	1
BL 54 59.5	1	9	38	86	.1	8	6	687	2.44	11	5	ND	6	22	1	2	2	36	.27	.076	13	10	.60	59	.16	2	2.75	.02	.15	1	18
BL 54 60	1	13	27	29	.1	5	2	98	2.38	10	5	ND	5	7	1	2	2	41	.06	.030	7	9	.14	27	.24	4	3.42	.02	.05	1	1
BL 55 50.5	1	10	30	63	.1	7	5	308	2.72	6	5	ND	4	17	1	2	2	41	.17	.078	10	10	.47	53	.18	2	2.35	.02	.10	1	2
BL 55 51	1	9	160	111	.1	5	4	347	3.03	6	5	ND	2	19	1	2	2	47	.19	.052	8	10	.40	36	.18	6	1.68	.02	.09	1	1
BL 55 51.5	1	12	33	52	.1	5	4	259	2.68	5	5	ND	4	16	1	2	2	42	.15	.077	6	10	.31	48	.19	2	3.13	.02	.07	1	1
BL 55 52	1	15	43	98	.1	8	5	922	2.99	8	5	ND	3	24	1	2	2	47	.23	.065	6	12	.48	101	.23	3	2.25	.02	.14	1	4
BL 55 52.5	1	12	32	92	.1	8	7	1259	2.97	8	5	ND	3	25	1	2	3	45	.23	.062	9	12	.51	96	.22	3	1.83	.02	.15	1	1
BL 55 53	1	11	52	81	.1	7	5	758	2.76	13	5	ND	3	21	1	2	2	45	.16	.039	8	10	.43	67	.21	5	1.96	.02	.11	1	1
BL 55 53.5	1	13	29	75	.1	8	5	637	2.91	10	5	ND	3	19	1	2	2	45	.19	.053	8	11	.35	80	.21	2	2.74	.02	.08	1	9
BL 55 54	1	12	36	75	.1	7	5	643	2.63	5	5	ND	4	17	1	2	2	42	.14	.064	8	10	.40	55	.19	2	2.33	.02	.11	1	1
BL 55 54.5	1	12	44	49	.1	5	4	259	3.01	10	5	ND	3	14	1	2	2	47	.12	.051	9	10	.27	40	.20	2	2.23	.02	.07	2	15
BL 55 55	2	18	328	279	1.2	10	4	229	3.33	7	5	ND	4	14	1	2	3	53	.14	.041	10	13	.35	42	.25	5	2.41	.02	.10	1	1
BL 55 55.4	1	12	48	74	.2	7	4	614	2.87	9	5	ND	2	15	1	2	2	51	.15	.049	8	12	.29	63	.21	9	1.81	.02	.08	1	1
BL 55 56	1	11	38	72	.1	7	4	753	2.90	12	5	ND	4	14	1	2	2	48	.12	.048	8	11	.28	63	.20	3	2.24	.02	.08	2	2
BL 55 56.5	1	13	43	63	.2	7	2	414	2.51	11	5	ND	3	10	1	2	2	41	.09	.055	6	8	.18	76	.20	2	2.37	.02	.06	1	1
STD C/AU-S	20	62	39	135	7.3	69	29	1087	4.02	41	19	7	39	51	18	18	19	59	.50	.089	39	61	.90	176	.10	37	1.82	.06	.13	14	47
BL 55 57	1	6	24	20	.1	2	1	78	.85	4	5	ND	3	17	1	4	2	31	.14	.009	7	3	.10	60	.22	2	.71	.02	.07	2	1
BL 55 57.5	2	14	22	57	.1	8	5	230	2.90	10	5	ND	6	13	1	2	4	42	.11	.062	10	13	.36	42	.18	6	3.52	.02	.09	1	1
BL 55 58	1	6	17	37	.1	4	3	183	2.26	4	5	ND	3	17	1	2	2	46	.15	.032	7	8	.24	49	.24	3	1.33	.02	.08	1	1
BL 55 58.5	1	5	28	19	.1	6	3	124	3.07	3	5	ND	4	11	1	2	2	68	.10	.022	6	9	.16	36	.26	7	1.53	.02	.05	1	1
BL 55 59	1	8	24	31	.1	6	3	184	2.57	6	5	ND	4	16	1	2	2	43	.16	.055	9	9	.33	37	.19	5	1.90	.02	.07	1	1
BL 56 50	1	11	22	62	.1	7	5	294	2.89	4	5	ND	4	17	1	2	2	43	.17	.058	9	10	.53	44	.21	3	2.90	.02	.13	1	1
BL 56 50.5	1	11	18	44	.1	6	4	195	3.30	9	5	ND	4	14	1	2	2	49	.13	.060	7	9	.29	30	.22	2	2.00	.02	.07	1	8
BL 56 51	1	10	18	65	.1	7	6	310	2.90	2	5	ND	5	18	1	2	2	43	.18	.057	9	9	.55	43	.21	4	2.93	.02	.14	1	2
BL 56 51.5	1	13	31	70	.2	7	5	411	2.73	6	5	ND	5	15	1	2	2	41	.13	.081	7	10	.41	64	.22	10	3.38	.02	.15	1	1
BL 56 52	2	11	27	66	.1	7	5	270	4.01	8	5	ND	3	18	1	2	2	62	.14	.061	8	12	.36	53	.27	6	1.67	.02	.08	1	1
BL 56 52.5	1	12	24	57	.2	8	6	260	3.76	5	5	ND	5	16	1	2	2	51	.12	.078	10	12	.42	50	.26	6	2.69	.02	.11	1	1
BL 56 53	1	13	34	53	.1	7	4	216	2.47	5	5	ND	3	20	1	2	2	43	.15	.049	8	10	.40	40	.22	5	1.70	.01	.10	1	1
BL 56 53.5	1	11	28	44	.3	5	4	162	2.89	5	5	ND	3	12	1	2	2	46	.10	.047	7	10	.26	39	.23	6	2.12	.02	.07	2	1
BL 56 54	1	11	34	71	.1	7	4	421	2.73	6	5	ND	3	20	1	2	2	44	.18	.063	8	10	.43	55	.22	5	2.79	.02	.13	1	1
BL 56 54.5	1	11	35	56	.1	6	5	283	3.51	7	5	ND	6	16	1	2	2	52	.14	.055	8	11	.37	47	.23	2	2.36	.02	.09	1	1
BL 56 55	1	15	44	56	.1	7	3	191	2.97	2	5	ND	6	8	1	2	2	42	.07	.046	6	10	.20	48	.23	2	4.04	.02	.07	1	1
BL 56 55.5	1	13	22	39	.3	5	3	159	2.56	7	5	ND	5	11	1	2	2	39	.09	.074	5	8	.17	38	.20	4	3.48	.02	.05	1	1

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 17 1987 DATE REPORT MAILED: Aug 27/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES LTD File # 87-3387 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL 53 50	1	11	74	113	.4	8	6	358	2.77	6	5	ND	3	18	1	2	2	40	.19	.073	12	10	.48	47	.20	2	3.08	.02	.11	2	56
BL 53 50.5	1	11	84	119	.3	9	6	459	2.77	4	5	ND	2	21	1	2	2	38	.23	.067	9	12	.47	43	.18	2	2.23	.02	.08	1	5
BL 53 51	1	17	239	131	1.0	7	4	567	2.60	6	5	ND	3	17	1	2	2	41	.24	.065	6	10	.22	101	.25	2	2.90	.02	.06	1	1
BL 53 51.5	1	10	41	94	.3	7	5	611	2.42	10	5	ND	2	23	1	2	2	37	.25	.053	10	11	.37	77	.20	3	2.24	.02	.09	2	4
BL 53 52	1	9	29	81	.1	7	6	776	2.47	6	5	ND	2	23	1	2	2	40	.24	.030	13	12	.43	61	.21	7	1.97	.02	.10	1	84
BL 53 52.5	1	11	25	87	.2	7	7	501	2.69	6	5	ND	2	20	1	2	2	41	.21	.052	13	12	.45	45	.22	3	2.83	.02	.10	2	1
BL 53 53	1	10	27	88	.1	8	7	466	2.88	6	5	ND	2	16	1	2	2	44	.16	.039	13	12	.39	59	.24	2	2.33	.02	.10	2	1
BL 53 53.5	1	7	23	63	.1	5	4	330	2.16	2	5	ND	1	12	1	2	2	33	.12	.024	9	9	.28	46	.18	2	1.61	.02	.06	1	1
BL 53 54	1	9	19	72	.1	7	5	237	2.51	7	5	ND	3	18	1	2	2	38	.21	.045	10	10	.42	37	.20	4	2.78	.02	.11	1	3
BL 53 54.5	1	12	20	102	.4	8	7	269	2.80	4	5	ND	3	18	1	2	2	45	.20	.042	12	12	.57	49	.24	5	3.03	.02	.12	3	7
BL 53 55	1	11	33	100	.2	7	6	339	2.53	4	5	ND	2	19	1	2	2	40	.20	.056	13	12	.41	63	.20	4	2.41	.02	.09	1	1
BL 53 55.5	1	11	33	75	.3	7	5	289	2.24	7	5	ND	1	19	1	2	2	37	.19	.049	14	9	.39	55	.18	7	2.24	.02	.12	1	2
BL 53 56	1	11	14	49	.1	5	3	96	2.73	13	5	ND	3	9	1	2	2	42	.09	.036	5	11	.18	44	.24	2	3.83	.02	.05	3	1
BL 53 56.5	1	14	92	152	.3	10	6	1340	2.17	11	10	ND	1	36	1	2	2	34	.49	.071	21	13	.36	76	.15	6	2.55	.03	.10	2	6
BL 53 57	2	13	20	34	.2	3	2	76	2.60	9	5	ND	4	6	1	2	2	38	.05	.031	7	8	.09	35	.27	9	3.48	.02	.05	2	2
BL 53 57.5	2	11	18	51	.1	5	3	172	2.55	4	5	ND	1	8	1	2	2	41	.07	.044	8	10	.16	38	.24	4	2.52	.02	.05	1	3
BL 53 58	1	10	35	61	.1	4	3	282	2.17	10	5	ND	1	12	1	2	2	41	.12	.034	7	8	.18	51	.20	3	1.64	.02	.06	1	1
BL 53 58.5	1	11	16	49	.1	5	3	167	2.33	10	5	ND	2	11	1	2	2	36	.11	.043	7	9	.22	33	.19	7	3.30	.02	.06	1	52
BL 53 59	1	8	7	35	.1	5	3	105	2.82	8	5	ND	5	10	1	2	3	44	.09	.027	6	10	.17	30	.24	3	3.89	.02	.05	2	1
BL 53 59.5	1	9	9	39	.1	4	3	110	2.94	2	5	ND	6	10	1	2	2	45	.08	.028	6	10	.17	30	.26	9	4.35	.03	.05	1	1
BL 53 60	2	8	22	47	.1	6	3	124	2.65	11	5	ND	2	12	1	2	2	50	.11	.026	8	9	.18	38	.21	15	1.79	.02	.06	1	1
BL 54 50	1	11	65	95	.1	4	4	160	2.89	7	5	ND	4	14	1	2	2	44	.13	.033	8	9	.30	39	.20	2	2.69	.02	.07	1	93
BL 54 50.5	1	8	118	197	.2	5	7	1172	2.61	10	5	ND	2	37	2	2	2	38	.35	.052	12	10	.61	90	.18	2	2.22	.02	.13	1	16
BL 54 51	1	12	41	145	.1	7	5	460	2.74	7	5	ND	3	21	1	2	2	41	.21	.049	9	11	.48	55	.22	2	2.45	.02	.10	1	1
BL 54 51.5	1	15	20	68	.1	6	5	371	2.56	9	5	ND	1	13	1	2	2	40	.12	.084	7	10	.30	47	.21	8	2.89	.02	.07	1	2
BL 54 52	1	9	27	79	.1	7	6	551	2.56	9	5	ND	1	19	1	2	2	39	.21	.053	10	9	.41	42	.16	4	2.20	.02	.08	1	4
BL 54 52.5	1	10	26	80	.2	9	5	226	3.35	7	5	ND	4	17	1	3	2	48	.16	.055	9	13	.48	46	.22	3	2.50	.02	.11	1	1
BL 54 53	1	12	113	207	.2	10	6	1349	2.56	7	8	ND	1	47	2	2	2	40	.63	.068	17	12	.52	77	.18	2	2.33	.02	.11	1	1
BL 54 53.5	1	9	17	77	.1	7	5	292	2.23	6	5	ND	1	21	1	2	2	35	.20	.051	11	10	.45	50	.15	10	2.06	.02	.10	1	1
BL 54 54	1	11	16	67	.1	5	4	294	2.92	7	5	ND	3	16	1	2	2	50	.16	.039	8	10	.39	49	.26	7	2.16	.02	.10	1	1
BL 54 54.5	1	15	178	203	.1	9	6	512	2.60	10	5	ND	1	19	1	2	4	41	.21	.051	14	12	.49	60	.20	5	2.34	.02	.10	1	1
STD C/AU-S	20	62	41	142	7.5	69	28	1012	4.11	43	18	7	39	52	19	17	20	61	.52	.089	39	62	.93	186	.10	37	2.09	.06	.15	14	53
BL 54 55	1	12	25	46	.1	6	3	129	2.73	7	5	ND	2	11	1	2	2	43	.09	.032	8	9	.26	38	.23	3	3.10	.02	.07	1	1
BL 54 55.5	1	15	16	53	.1	7	4	223	2.72	9	5	ND	2	13	1	2	2	43	.14	.061	8	11	.28	40	.22	2	3.41	.02	.07	1	10
BL 54 56	2	10	19	34	.1	4	2	103	2.37	10	5	ND	3	8	1	2	2	45	.06	.028	6	9	.14	35	.23	2	2.40	.02	.05	1	1
BL 54 56.5	1	14	31	71	.1	8	4	495	2.46	6	5	ND	2	13	1	2	2	40	.12	.049	7	10	.29	66	.18	4	2.65	.02	.08	1	1
BL 54 57	1	10	22	51	.1	8	3	167	2.48	13	5	ND	2	12	1	2	2	43	.09	.041	8	12	.27	46	.23	2	2.31	.02	.07	1	1

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-171

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS 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. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-SOIL P2-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 13 1987 DATE REPORT MAILED: Nov 2/87 ASSAYER. D. Toye..DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-5038 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L60E 39.5N	1	20	17	118	.1	11	7	1726	2.48	6	5	ND	3	60	1	2	2	40	.54	.115	15	14	.48	131	.12	7	2.87	.02	.20	1	1
L60E 39.0N	1	14	21	84	.1	9	6	1071	2.69	4	5	ND	2	28	1	2	2	41	.30	.059	12	15	.44	76	.15	9	2.45	.02	.11	1	1
L60E 38.5N	2	16	11	99	.1	10	6	1408	2.64	6	5	ND	2	21	1	2	3	42	.20	.081	10	15	.43	74	.15	8	2.49	.02	.11	1	1
L60E 38.0N	1	17	20	90	.1	8	5	756	2.23	3	5	ND	1	17	1	2	2	36	.18	.095	10	12	.39	51	.09	7	2.71	.02	.10	1	1
L61E 41.0N	1	15	16	77	.1	9	7	1213	2.63	3	5	ND	3	19	1	2	2	39	.17	.083	12	14	.50	85	.13	5	2.69	.02	.15	1	1
L61E 40.5N	1	14	14	80	.1	8	6	1017	2.74	9	5	ND	1	17	1	2	2	40	.14	.076	11	13	.55	56	.12	4	2.34	.02	.15	1	2
L61E 40.0N	1	18	22	114	.1	10	7	1523	2.85	5	5	ND	2	18	1	2	2	43	.17	.080	10	15	.53	102	.15	6	2.70	.02	.14	1	1
L61E 39.5N	1	13	18	73	.1	10	6	459	2.86	6	5	ND	2	21	1	2	3	48	.19	.060	12	16	.55	55	.14	6	2.40	.02	.11	1	1
L61E 39.0N	1	15	9	111	.1	9	6	1282	2.78	6	5	ND	1	29	1	2	2	43	.35	.063	10	15	.48	126	.14	4	2.09	.02	.10	1	1
L61E 38.5N	1	18	16	71	.2	7	4	204	3.23	4	5	ND	1	11	2	2	2	46	.08	.050	7	13	.32	48	.18	9	1.61	.02	.08	1	2
L61E 38.0N	1	18	20	41	.1	6	3	156	2.39	4	5	ND	1	7	1	2	2	41	.05	.041	7	11	.18	44	.19	2	2.40	.02	.06	1	3
L61.75E 41.5N	1	17	9	81	.2	8	6	1032	2.55	6	5	ND	2	15	2	3	4	39	.15	.136	9	14	.40	61	.10	6	2.90	.01	.13	1	5
L61.75E 41.0N	1	15	17	83	.1	10	8	1641	2.34	9	5	ND	1	19	1	2	2	39	.18	.115	11	13	.48	54	.09	4	2.55	.01	.15	1	8
L61.75E 40.5N	2	16	14	88	.1	9	7	825	2.62	4	5	ND	3	16	1	2	2	41	.14	.098	12	14	.57	54	.11	7	2.86	.02	.17	1	1
L61.75E 40.0N	1	19	8	103	.3	10	6	1008	2.36	2	5	ND	3	15	1	2	4	39	.13	.089	12	15	.45	63	.11	5	3.68	.02	.14	1	1
L61.75E 39.5N	2	20	16	69	.2	9	4	205	2.40	5	5	ND	2	10	1	2	3	39	.06	.058	13	14	.31	45	.12	3	2.92	.02	.10	1	1
L61.75E 39.0N	1	20	9	66	.1	10	5	289	2.77	7	5	ND	3	13	1	2	2	48	.08	.053	11	15	.36	54	.17	3	2.83	.02	.10	1	1
L61.75E 38.5N	1	16	15	80	.3	9	7	581	2.69	6	5	ND	3	14	1	2	4	44	.11	.064	11	14	.42	45	.16	7	2.89	.02	.10	1	4
L61.75E 38.0N	1	18	17	68	.2	9	4	328	2.48	3	5	ND	2	12	1	2	2	42	.09	.048	10	14	.32	48	.17	6	2.89	.02	.09	1	1
STD C/AU-S	18	60	39	131	7.3	69	28	1039	3.92	42	19	8	40	51	18	18	21	60	.47	.089	39	60	.87	177	.08	35	1.88	.06	.13	12	49

BAYONNE

Received Nov. 1

ACME ANALY[illegible]L LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE (604)253-3158 FAX (604)253-[illegible]

RECEIVED Oct16/87

PLOTTED

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-SOIL P2-ROCK P3-SLUDGE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 28 1987 DATE REPORT MAILED: Oct 14/87 ASSAYER. [signature] ..DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-4557 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
B 50.5E 50N	2	11	34	396	.4	7	5	246	3.18	4	5	ND	5	13	2	2	2	45	.13	.064	7	12	.37	50	.12	2	2.23	.01	.08	1	8
B 50.5E 49.5N	2	13	56	440	.1	7	7	881	2.85	8	5	ND	4	26	2	2	2	46	.28	.046	12	13	.56	64	.12	8	2.02	.02	.09	1	114
B 50.5E 49N	1	9	23	68	.1	7	4	236	2.57	4	5	ND	4	12	1	2	2	41	.10	.049	7	11	.28	39	.13	7	2.53	.02	.06	1	23
B 50.5E 48.5N	2	17	18	70	.1	9	4	316	3.33	4	5	ND	4	9	1	2	2	47	.07	.085	6	13	.23	47	.15	5	3.35	.02	.06	1	81
B 50.5E 48N	1	12	46	92	.1	7	4	1093	2.79	6	5	ND	3	13	1	2	2	46	.11	.083	7	12	.29	86	.12	2	2.13	.02	.07	1	4
B 50.5E 47.5N	1	14	24	68	.1	7	6	557	2.55	4	6	ND	4	15	1	3	2	37	.14	.104	7	11	.35	56	.12	7	2.87	.02	.09	1	2
B 50.5E 47N	1	15	28	78	.2	8	5	419	2.80	5	5	ND	4	12	1	2	2	41	.11	.081	7	13	.33	48	.13	2	3.28	.02	.08	1	1
B 50.5E 46.5N	1	11	23	61	.2	6	4	345	2.40	6	5	ND	6	15	1	2	2	38	.14	.061	7	10	.31	51	.11	5	2.33	.02	.08	1	2
B 50.5E 46N	2	10	24	67	.1	7	5	448	2.86	3	5	ND	5	11	1	2	2	38	.09	.106	7	12	.28	56	.14	6	3.18	.02	.07	1	1
B 50.5E 45.5N	1	11	55	104	.2	10	7	486	2.93	2	5	ND	5	22	1	2	2	41	.23	.057	10	9	.65	75	.13	2	3.06	.02	.14	1	68
B 50.5E 45N	1	9	30	89	.1	8	7	437	2.77	2	5	ND	5	22	1	2	2	37	.23	.054	12	10	.56	70	.11	5	3.79	.02	.14	1	36
B 50.5E 44.5N	1	11	29	66	.2	8	5	393	2.43	2	7	ND	5	15	1	2	2	36	.13	.072	8	10	.33	70	.13	9	2.92	.02	.08	1	1
B 50.5E 44N	1	10	47	126	.2	10	8	2021	2.92	2	7	ND	4	37	1	2	2	41	.43	.136	11	11	.80	190	.11	3	3.00	.02	.21	1	64
B 50.5E 43.5N	2	11	141	244	.3	9	7	1421	2.62	4	27	ND	1	48	2	2	2	38	.59	.064	28	25	.56	64	.08	7	2.92	.02	.09	1	126
B 50.5E 43N	1	11	26	86	.6	12	7	481	2.88	4	5	ND	6	20	1	3	2	42	.23	.089	9	14	.54	72	.12	2	3.13	.02	.12	1	110
B 50.5E 42.5N	1	7	42	199	.1	9	7	1163	2.67	8	5	ND	3	32	1	2	2	40	.38	.083	8	11	.65	113	.12	3	2.54	.02	.14	1	31
B 50.5E 42N	1	7	33	76	.3	9	7	410	2.81	4	5	ND	4	23	1	2	2	40	.26	.062	11	13	.56	53	.12	8	2.82	.02	.12	1	57
B 50.5E 41.5N	1	6	22	70	.1	8	6	809	2.42	6	5	ND	3	26	1	2	2	38	.28	.053	8	11	.51	73	.11	5	1.97	.02	.11	1	19
B 50.5E 41N	1	9	23	61	.1	7	5	809	2.31	5	5	ND	3	30	1	2	2	32	.29	.050	15	12	.49	61	.09	6	1.89	.02	.09	1	14
B 50.5E 40.5N	1	10	24	72	.1	10	6	815	2.85	2	5	ND	6	22	1	3	2	43	.23	.082	8	13	.54	78	.13	7	2.44	.02	.13	1	1
B 50.5E 40N	1	12	47	76	.1	11	7	814	3.36	2	5	ND	4	33	1	2	2	48	.28	.026	8	13	.59	126	.14	7	2.99	.02	.17	1	8
B 50.5E 39.5N	1	8	25	68	.1	10	8	936	2.81	2	5	ND	3	33	1	2	2	41	.34	.062	10	11	.59	104	.12	3	2.71	.02	.14	1	1
B 50.5E 39N	1	8	20	66	.1	10	8	680	3.54	2	5	ND	4	31	1	3	2	51	.29	.032	8	17	.58	119	.15	10	2.36	.02	.14	1	3
STD C/AU-S	20	60	38	128	7.0	70	28	1171	4.07	38	18	7	38	50	19	18	21	58	.49	.085	38	62	.91	174	.06	36	1.90	.06	.14	12	51

BAYONNE SOIL

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
L61.75 48	1	13	21	55	.1	9	4	196	2.90	2	5	ND	4	12	1	2	2	44	.10	.080	12	15	.41	[illegible]	.14	[illegible]	3.44	.03	.07	2	2
L61.75 48.5	1	8	26	64	.1	6	5	454	2.51	4	5	ND	3	23	1	2	2	41	.18	.042	11	[illegible]	.46	[illegible]	.08	2	1.85	[illegible]	.07	2	1
L61.75 49	1	11	35	83	.2	9	5	2093	2.11	7	5	ND	3	20	1	2	2	31	.19	.103	10	[illegible]	[illegible]	101	.11	[illegible]	1.59	.03	.09	1	3
L61.75 49.5	1	12	17	39	.1	6	3	157	1.96	8	9	ND	6	10	1	4	2	29	.08	.056	10	[illegible]	[illegible]	[illegible]	.15	2	3.85	[illegible]	.04	2	1
L61.75 50	1	8	21	49	.1	7	4	473	1.83	8	5	ND	3	16	1	2	2	28	.16	.048	[illegible]	[illegible]	[illegible]	46	.10	2	1.65	[illegible]	.07	[illegible]	3

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL51 58.5	1	13	36	60	.3	7	5	855	2.03	9	5	ND	2	17	1	2	2	32	.19	.11.	11	14	[illegible]	[illegible]	.09	2	2.38	.03	.11	1	3
BL51 59	1	11	32	81	.4	9	6	439	2.58	2	5	ND	4	18	1	2	2	42	.20	.059	17	[illegible]	.4[illegible]	[illegible]	.16	2	3.36	.03	.12	1	20
BL51 59.5	1	11	201	205	.5	9	7	2243	2.51	11	5	ND	2	33	2	2	2	40	.46	.059	17	22	.4[illegible]	[illegible]	.15	4	2.45	.04	.10	2	4
BL51 60	1	9	29	58	.1	8	4	265	2.53	6	5	ND	3	11	1	2	2	42	.11	.034	6	[illegible]	[illegible]	54	.19	3	2.05	.03	.09	1	1
BL52 50.5	1	10	47	89	.4	6	5	572	2.35	3	5	ND	3	24	1	2	2	35	.25	.054	11	[illegible]	.4[illegible]	[illegible]	.13	3	2.40	.04	.14	1	33
BL52 51	1	7	36	109	.3	6	7	587	2.88	9	5	ND	6	36	1	2	2	42	.39	.066	15	[illegible]	.6[illegible]	[illegible]	.17	4	2.80	.05	.31	3	38
BL52 51.5	1	13	59	97	.1	9	6	2412	2.30	11	5	ND	2	39	2	2	2	37	.43	.061	29	[illegible]	.4[illegible]	96	.14	2	2.03	.04	.14	1	16
BL52 52	1	10	68	132	.2	7	6	1187	2.28	5	9	ND	2	39	2	2	2	35	.51	.066	17	[illegible]	.56	70	.13	2	2.00	.04	.12	1	6
BL52 52.5	1	11	49	113	.1	8	5	238	2.88	6	5	ND	4	16	1	2	2	44	.15	.031	16	12	.40	55	.19	3	2.26	.03	.11	1	1
BL52 53	1	9	79	128	.4	6	4	632	2.69	13	5	ND	3	20	1	2	2	42	.19	.041	9	8	.36	84	.17	2	1.77	.03	.10	1	20
BL52 53.5	1	10	22	46	.1	5	3	134	3.13	12	5	ND	4	9	1	2	2	51	.07	.044	[illegible]	[illegible]	[illegible]	[illegible]	.20	2	2.63	.03	.07	3	5
BL52 54	1	10	32	49	.1	6	3	211	3.26	9	5	ND	3	9	1	2	2	49	.06	[illegible]	[illegible]	[illegible]	.19	50	.17	2	2.37	.02	.06	1	1
BL52 54.5	1	7	21	41	.2	4	2	109	1.86	8	5	ND	2	17	1	2	2	32	.15	.033	[illegible]	9	.2[illegible]	44	.14	2	1.15	.03	.08	1	1
BL52 55	1	8	33	43	.2	4	2	157	2.77	11	5	ND	3	11	1	2	2	48	.08	.029	[illegible]	10	.18	63	.19	3	1.83	.03	.06	2	1
BL52 55.5	1	13	19	44	.1	5	2	114	3.02	8	5	ND	5	7	1	2	2	42	.04	.031	7	10	.19	39	.18	2	3.07	.03	.06	1	1
STD C*	19	58	41	127	7.4	71	29	1015	3.96	39	18	7	40	49	19	17	20	58	.47	.089	38	62	.87	183	.08	36	1.75	.08	.13	15	49
BL52 56	1	7	20	49	.3	5	3	211	2.89	9	5	ND	3	15	1	2	2	47	.14	.034	7	8	.27	43	.16	2	1.42	.02	.07	1	2
BL52 56.5	1	9	24	43	.1	5	3	260	2.15	8	5	ND	2	14	1	2	2	34	.12	.044	9	7	.27	45	.14	2	1.76	.03	.08	2	3
BL52 57	1	10	21	44	.1	6	3	259	2.31	3	5	ND	3	14	1	3	2	37	.12	.046	9	10	.28	46	.16	2	1.84	.03	.10	2	1
BL52 57.5	1	10	22	42	.1	5	3	296	2.05	5	5	ND	2	11	1	2	2	34	.07	.039	9	5	.19	44	.15	2	1.81	.03	.08	1	10
BL52 58	1	6	23	34	.1	3	2	100	2.20	7	5	ND	2	12	1	2	2	45	.08	.023	6	[illegible]	.14	44	.20	2	.92	.03	.06	1	1
BL52 58.5	1	9	25	34	.1	5	3	150	1.56	3	5	ND	2	8	1	2	2	27	.04	.029	9	7	.14	36	.14	2	1.32	.03	.07	1	1
BL52 59	1	12	22	41	.2	5	3	153	1.72	2	5	ND	2	12	1	2	2	27	.08	.051	11	9	.23	45	.10	2	1.94	.03	.07	1	1
BL52 59.5	1	11	23	37	.1	6	3	131	2.22	8	5	ND	2	9	1	2	2	35	.05	.034	5	10	.19	34	.16	2	1.92	.03	.07	2	16
BL52 60	1	7	25	32	.2	4	2	137	2.00	6	5	ND	2	11	1	2	2	40	.08	.029	6	10	.15	38	.15	2	1.34	.02	.06	1	3
L61.75 42	1	13	36	72	.1	7	4	762	2.44	8	5	ND	2	15	1	3	2	38	.13	.086	7	12	.30	64	.13	2	1.92	.03	.11	1	1
L61.75 42.5	1	12	23	50	.2	6	4	939	2.27	7	5	ND	2	13	1	2	2	40	.06	.059	8	5	.27	59	.14	3	1.62	.03	.11	1	1
L61.75 43	1	14	14	63	.2	7	5	486	2.12	7	5	ND	2	14	1	2	2	35	.13	.095	9	9	.38	56	.09	3	1.91	.03	.17	1	1
L61.75 43.5	1	11	17	36	.1	4	2	162	2.06	6	5	ND	1	7	1	2	2	31	.03	.058	7	14	.13	40	.12	2	2.77	.03	.06	1	1
L61.75 44	1	15	19	54	.3	8	4	772	2.43	15	5	ND	3	12	1	2	2	38	.08	.076	7	9	.30	61	.15	2	2.20	.03	.10	1	1
L61.75 44.5	1	11	35	59	.3	6	2	322	2.10	4	5	ND	2	11	1	2	2	34	.09	.061	7	8	.20	51	.12	2	2.19	.02	.09	1	1
L61.75 45	1	7	25	41	.2	5	3	173	1.88	2	5	ND	2	10	1	2	2	40	.06	.027	9	7	.28	47	.14	2	1.45	.03	.09	2	5
L61.75 45.5	1	7	22	44	.1	5	3	156	1.85	3	5	ND	2	11	1	2	2	39	.07	.029	9	9	.30	53	.14	2	1.51	.03	.09	1	1
L61.75 46	1	8	27	49	.2	7	3	327	1.98	6	5	ND	3	19	1	3	2	37	.16	.061	7	12	.31	67	.13	3	1.23	.03	.12	1	2
L61.75 46.5	1	6	20	44	.1	8	5	339	2.59	3	5	ND	6	17	1	2	2	39	.21	.067	11	13	.47	43	.12	2	2.13	.03	.10	1	56
L61.75 47	1	11	24	40	.4	5	2	114	1.88	3	5	ND	3	14	1	2	2	41	.11	.033	9	9	.26	38	.14	7	1.62	.03	.09	4	13
L61.75 47.5	1	9	20	68	.1	10	7	892	3.12	4	5	ND	4	17	1	2	2	41	.16	.084	11	14	.61	69	.11	3	2.44	.03	.13	1	8

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY AA FROM 20 GRAM SAMPLE.

DATE RECEIVED: AUG 18 1987 DATE REPORT MAILED: Aug 27/87 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-3458 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL50 50.5	1	9	21	34	.1	4	2	143	2.37	2	5	ND	3	6	1	2	2	34	.05	.055	4	[illegible]	.14	[illegible]	.13	3	2.74	.02	.04	1	2
BL50 51	1	11	17	40	.1	6	3	118	3.71	3	5	ND	5	10	1	2	2	54	.07	.044	6	11	.19	47	.22	5	3.60	.03	.05	1	2
BL50 51.5	1	10	22	61	.1	7	4	256	2.69	4	5	ND	5	15	1	2	2	39	.15	.082	7	13	.40	44	.16	9	3.69	.03	.08	1	1
BL50 52	1	10	29	49	.1	7	3	140	5.94	9	5	ND	6	11	1	2	2	91	.08	.079	6	12	.30	32	.26	2	2.69	.03	.05	1	1
BL50 52.5	1	8	23	88	.1	10	7	1098	3.00	2	5	ND	2	28	1	2	2	42	.36	.057	11	19	.60	64	.16	6	2.20	.04	.08	1	1
BL50 53	1	10	47	111	.1	15	8	3022	3.10	6	5	ND	3	29	1	2	2	46	.31	.058	13	24	.59	146	.17	7	2.35	.03	.13	1	9
BL50 53.5	1	8	28	80	.3	11	6	911	2.81	2	5	ND	3	31	1	2	2	42	.31	.058	11	18	.56	81	.14	3	1.96	.03	.09	1	1
BL50 54	1	9	26	71	.1	8	4	223	4.54	2	5	ND	5	14	1	3	2	70	.14	.078	8	16	.35	48	.23	2	2.73	.03	.07	1	1
BL50 54.5	1	13	25	76	.1	8	4	2604	2.24	2	5	ND	1	13	1	2	2	40	.12	.060	7	14	.18	94	.16	2	1.43	.03	.06	1	2
BL50 55	1	11	22	62	.2	7	3	1024	1.88	3	5	ND	1	12	1	2	2	35	.11	.072	6	10	.18	59	.14	3	1.40	.02	.06	1	1
BL50 55.5	1	9	31	68	.1	9	4	465	2.45	6	5	ND	2	17	1	2	2	39	.14	.050	7	20	.39	64	.15	2	1.72	.03	.08	1	1
BL50 56	1	6	14	24	.1	2	1	49	.81	2	5	ND	1	12	1	3	2	27	.10	.013	7	9	.07	38	.14	2	.60	.02	.03	1	1
BL50 57	1	6	11	24	.2	4	1	52	.86	2	5	ND	2	13	1	3	2	30	.11	.015	7	9	.07	33	.13	2	.63	.02	.04	1	4
BL50 57.5	1	11	15	38	.1	6	2	142	1.93	2	5	ND	3	10	1	2	2	30	.08	.068	8	9	.18	25	.15	2	3.44	.03	.05	1	1
BL50 58	1	13	28	77	.1	11	5	1334	2.35	4	5	ND	2	14	1	2	2	38	.14	.080	9	20	.29	60	.12	2	2.50	.03	.09	1	1
BL50 58.5	1	13	24	72	.1	13	5	1498	2.47	3	5	ND	1	14	1	2	2	41	.13	.071	9	25	.29	61	.13	2	2.49	.03	.07	1	1
BL50 59	1	16	24	71	.1	11	4	267	2.87	3	5	ND	5	16	1	2	2	40	.11	.082	6	22	.31	76	.21	2	4.87	.04	.07	1	2
BL50 59.5	1	9	37	132	.1	13	7	451	2.97	2	5	ND	4	24	1	2	2	47	.29	.045	9	25	.47	128	.19	3	2.68	.03	.08	1	1
BL50 60	1	9	35	51	.2	7	2	203	2.38	2	5	ND	3	10	1	2	2	37	.08	.051	6	17	.17	40	.16	2	2.72	.02	.05	1	2
BL51 50	1	27	375	405	1.5	8	6	955	2.52	13	5	ND	3	45	2	2	2	35	.46	.082	12	13	.50	93	.12	9	2.10	.04	.13	5	290
BL51 50.5	1	28	314	231	.9	9	7	1157	3.01	14	5	ND	3	40	2	2	2	43	.46	.061	16	17	.51	70	.15	3	2.45	.04	.11	1	690
BL51 51	1	14	103	124	.5	7	5	932	2.54	6	5	ND	3	31	1	2	2	39	.34	.041	14	9	.42	58	.15	3	2.20	.04	.09	1	151
BL51 51.5	1	11	60	141	.1	10	6	802	3.33	7	5	ND	4	24	1	2	2	50	.21	.043	9	16	.43	138	.22	8	1.98	.04	.09	1	1
BL51 52	1	12	29	86	.1	10	6	688	3.23	2	5	ND	4	13	1	2	2	48	.10	.048	9	17	.40	80	.21	3	2.59	.03	.08	1	1
BL51 52.5	1	9	20	51	.1	7	3	172	3.36	5	5	ND	4	12	1	2	2	58	.10	.036	6	12	.30	43	.24	2	2.32	.03	.05	1	1
BL51 53	1	11	25	60	.1	10	4	201	2.15	2	5	ND	3	15	1	2	2	36	.12	.032	10	18	.33	68	.18	2	1.83	.03	.07	1	1
BL51 53.5	1	12	26	49	.1	8	3	203	2.60	2	5	ND	5	13	1	2	2	39	.10	.079	7	14	.27	38	.16	2	2.92	.03	.07	1	1
BL51 54	1	8	34	87	.1	8	6	1012	2.30	2	5	ND	2	30	1	2	2	36	.35	.040	10	13	.44	87	.12	6	1.61	.04	.09	1	1
BL51 54.5	1	7	42	105	.1	10	6	1102	2.66	2	5	ND	3	28	1	2	2	41	.31	.044	12	17	.57	110	.15	2	1.90	.03	.09	1	1
BL51 55	1	9	49	97	.1	13	6	1169	2.32	3	5	ND	3	35	1	2	2	38	.45	.053	13	25	.44	111	.14	3	1.97	.04	.09	1	1
BL51 55.5	1	12	33	97	.3	11	7	1351	2.85	5	5	ND	5	26	1	2	2	44	.26	.050	15	22	.47	118	.17	2	2.51	.04	.09	1	1
BL51 56	1	9	42	88	.3	12	6	1224	2.51	2	5	ND	3	24	1	2	2	42	.27	.056	13	22	.43	81	.15	3	2.30	.03	.08	1	1
BL51 56.5	1	9	24	36	.1	5	2	144	3.34	8	5	ND	5	10	1	2	2	46	.09	.045	6	14	.17	46	.18	2	2.72	.03	.05	1	1
BL51 57	1	13	27	53	.2	7	3	223	2.22	2	5	ND	4	12	1	2	2	35	.09	.052	9	12	.28	47	.14	6	3.60	.03	.06	1	1
BL51 57.5	1	7	25	27	.1	5	1	76	1.02	2	5	ND	2	8	1	3	2	25	.04	.023	6	9	.06	37	.15	4	1.21	.03	.04	1	1
BL51 58	1	10	36	64	.2	8	5	707	2.24	2	5	ND	3	15	1	2	2	37	.14	.041	10	15	.33	54	.15	8	2.20	.03	.06	1	1
STD C/AU-S	18	57	40	131	6.8	67	27	1015	3.80	39	21	6	38	49	18	17	21	56	.46	.086	36	60	.85	173	.08	37	1.75	.08	.13	13	53

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 22 1987 DATE REPORT MAILED: Oct 2/87 ASSAYER. D. Toye. .DEAN TOYE. CERTIFIED B.C. ASSAYER

TERRA MINES File # 87-4436

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
B 56+00E 45+50N	1	10	28	78	.1	7	6	907	2.40	4	5	ND	1	35	1	2	2	39	.36	.047	13	15	.42	63	.13	2	1.75	.02	.09	1	8
B 56+50E 49+50N	1	13	24	177	.4	7	4	351	2.66	7	5	ND	2	16	1	4	2	41	.14	.051	8	13	.35	50	.16	2	2.79	.02	.10	1	32
B 56+50E 49+00N	1	15	57	93	.3	6	3	224	2.69	5	5	ND	1	13	1	4	2	42	.11	.050	9	13	.31	44	.16	2	2.57	.01	.08	1	76
B 56+50E 48+50N	1	12	29	133	.2	6	4	326	2.20	5	5	ND	1	16	1	4	2	36	.13	.038	11	11	.29	54	.15	2	1.96	.01	.08	1	7
B 56+50E 48+00N	1	12	49	75	.2	5	3	285	2.57	6	5	ND	2	14	1	7	2	39	.12	.052	9	12	.25	40	.14	2	2.11	.01	.08	1	19
B 56+50E 47+50N	1	10	68	112	.1	7	6	2609	2.29	4	5	ND	1	45	1	2	2	34	.32	.039	14	13	.40	72	.12	2	1.64	.02	.10	1	58
B 56+50E 47+00N	1	15	114	137	.1	7	4	839	2.47	9	5	ND	1	19	1	2	2	38	.14	.051	10	13	.27	63	.14	2	1.86	.01	.08	1	49
B 56+50E 46+50N #1	1	11	22	49	.2	6	3	203	2.47	7	5	ND	2	13	1	2	2	40	.12	.045	7	13	.23	40	.15	2	1.72	.01	.07	1	18
B 56+50E 46+50N #2	1	10	21	44	.1	5	3	171	2.38	5	5	ND	1	14	1	2	2	38	.11	.034	8	10	.23	40	.13	2	1.41	.01	.06	1	121
B 56+50E 46+00N	1	9	43	86	.1	7	5	952	2.17	5	5	ND	1	32	1	2	2	34	.36	.051	11	14	.41	64	.11	2	1.43	.02	.08	1	29
B 56+50E 45+00N	1	10	51	85	.1	8	5	932	2.48	7	5	ND	1	26	1	2	2	39	.25	.039	11	15	.37	79	.14	2	1.53	.02	.10	1	11
B 56+50E 44+50N	1	9	19	48	.1	6	3	330	2.09	2	5	ND	1	24	1	2	2	32	.19	.030	12	11	.24	71	.13	2	1.27	.02	.07	1	7
B 56+50E 44+00N	1	11	24	55	.1	6	3	370	2.42	4	5	ND	1	21	1	2	2	40	.20	.050	8	11	.22	55	.15	2	1.43	.02	.07	1	3
B 56+50E 43+50N	1	10	15	58	.3	7	4	486	2.37	3	5	ND	1	16	1	2	2	37	.13	.034	11	14	.30	42	.13	2	1.59	.02	.08	1	5
B 56+50E 43+00N	1	12	24	54	.1	6	3	392	2.38	4	5	ND	1	16	1	2	2	37	.13	.053	9	12	.23	55	.13	2	1.58	.01	.07	1	8
B 56+50E 42+50N	1	12	21	55	.1	6	4	539	2.16	4	5	ND	1	15	1	4	2	34	.11	.049	12	13	.29	44	.11	2	1.91	.01	.09	1	17
B 56+50E 42+00N	1	12	36	72	.1	7	5	981	2.25	4	5	ND	1	24	1	3	2	33	.17	.061	15	12	.30	59	.12	2	1.66	.01	.08	1	15
B 56+50E 41+50N	1	10	17	56	.1	6	3	222	2.42	3	5	ND	2	18	1	2	2	37	.13	.030	11	12	.29	39	.14	2	1.53	.01	.08	1	3
B 56+50E 41+00N	1	11	18	111	.1	6	5	1815	2.15	2	5	ND	1	35	1	2	2	31	.27	.034	11	12	.34	74	.11	6	1.34	.02	.09	1	5
B 56+50E 40+50N	1	12	19	94	.1	7	4	366	2.59	4	5	ND	1	15	1	2	2	38	.11	.032	10	14	.36	44	.14	2	1.95	.01	.09	1	10
B 56+50E 40+00N	1	11	12	57	.2	6	4	265	2.43	4	5	ND	1	15	1	2	2	36	.11	.033	10	13	.33	42	.13	2	2.13	.01	.09	1	13
B 56+50E 39+50N	1	12	21	60	.1	6	5	657	2.68	4	5	ND	1	16	1	2	2	39	.11	.043	10	12	.31	46	.14	2	2.13	.01	.08	1	11
B 56+50E 39+00N	1	12	20	50	.3	6	3	245	2.62	4	5	ND	3	16	1	3	2	40	.11	.033	10	12	.29	44	.14	2	2.00	.01	.08	2	5
B 57+50E 50+00N	1	16	48	86	.1	8	4	441	2.66	4	5	ND	1	15	1	2	2	42	.10	.059	8	13	.31	65	.16	2	1.89	.01	.11	1	7
B 57+50E 49+50N	1	16	24	78	.2	7	4	616	2.92	6	5	ND	2	13	1	5	2	42	.08	.083	8	14	.28	55	.17	2	2.76	.01	.08	1	3
B 57+50E 49+00N	1	14	74	165	1.0	8	7	1227	2.32	4	5	ND	2	20	3	2	2	35	.15	.046	14	13	.33	62	.13	4	2.16	.02	.09	1	41
B 57+50E 48+50N	1	10	10	48	.1	4	3	194	2.76	2	5	ND	2	14	1	3	4	44	.12	.045	5	10	.38	42	.19	2	1.51	.01	.13	2	4
B 57+50E 48+00N	1	17	96	113	.3	6	3	305	3.15	5	5	ND	3	13	1	3	2	44	.10	.073	7	15	.25	49	.15	2	2.80	.01	.08	1	108
B 57+50E 47+50N	1	14	42	66	.4	7	5	280	2.21	5	5	ND	1	12	1	5	2	36	.08	.053	15	12	.25	41	.12	4	2.70	.01	.08	1	240
B 57+50E 47+00N	1	17	19	66	.1	7	4	234	2.49	6	5	ND	2	10	1	2	2	37	.07	.061	9	13	.24	43	.14	2	2.94	.01	.06	1	9
B 57+50E 46+50N	1	13	25	72	.1	7	5	442	2.53	3	5	ND	1	15	1	3	4	37	.15	.044	9	13	.31	64	.14	2	2.06	.01	.08	1	3
B 57+50E 46+00N	1	13	37	81	.2	6	4	402	2.27	5	5	ND	2	22	1	3	2	35	.25	.059	12	13	.27	46	.11	2	2.14	.01	.08	1	1
B 57+50E 45+50N	1	11	32	63	.1	8	4	345	2.52	3	5	ND	1	16	1	4	2	38	.15	.039	9	14	.31	46	.13	2	1.66	.01	.09	1	35
B 57+50E 45+00N	1	9	16	63	.1	7	4	237	2.29	2	5	ND	1	23	1	4	2	37	.22	.031	9	14	.37	41	.12	2	1.52	.01	.07	1	1
STD C/AU-S	18	58	35	131	6.9	64	26	1021	3.97	36	18	8	36	48	16	17	19	56	.41	.083	36	62	.75	171	.08	30	1.73	.05	.13	13	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL 53 45.5	1	13	106	105	.7	5	5	581	1.58	10	32	ND	2	52	4	2	2	25	.66	.063	21	6	.26	81	.06	8	1.50	.02	.10	1	7
BL 53 46	1	11	26	79	.4	6	4	254	2.37	11	5	ND	4	16	2	2	2	34	.17	.066	6	11	[illegible]	44	.13	6	2.48	.02	.09	1	28
BL 53 46.5	1	6	29	23	.4	3	2	157	1.40	10	13	ND	2	53	2	2	2	18	.68	.034	8	[illegible]	.17	35	.09	5	1.36	.02	.08	1	2
BL 53 47	1	11	34	60	.4	6	4	384	1.49	7	5	ND	3	34	4	2	2	29	.36	.046	14	[illegible]	[illegible]	55	.11	4	2.25	.02	.11	1	7
BL 53 47.5	1	20	214	226	.9	7	5	1209	2.33	14	10	ND	4	32	5	2	2	35	.37	.080	10	12	.49	82	.12	4	1.97	.02	.15	1	66
BL 53 48	1	8	44	84	.3	6	7	570	2.78	9	7	ND	8	51	1	2	2	41	.49	.096	[illegible]	14	.92	122	.17	2	2.88	.03	.48	1	8
BL 53 48.5	1	13	30	76	.3	6	4	359	2.63	8	5	ND	5	12	1	2	2	39	.10	.047	7	13	.39	40	.16	8	2.91	.02	.07	1	4
BL 53 49	1	12	101	624	2.0	8	7	1023	2.72	9	7	ND	4	31	7	2	2	39	.35	.060	16	16	.59	45	.13	2	2.36	.02	.10	2	10
BL 53 49.5	1	12	170	222	.7	7	5	469	2.62	10	5	ND	4	23	1	2	2	40	.25	.049	9	13	.46	40	.13	10	2.01	.02	.10	1	235
BL 54 40	1	10	21	53	.1	9	5	203	2.56	9	5	ND	5	17	1	2	2	36	.16	.036	[illegible]	14	.44	58	.13	9	2.12	.02	.10	1	18
BL 54 40.5	1	13	56	76	.2	7	3	550	1.56	8	5	ND	2	28	1	2	2	28	.29	.038	6	9	.22	41	.09	3	.95	.01	.07	1	5
BL 54 41	1	7	18	47	.2	7	4	258	2.30	8	5	ND	4	28	1	2	2	37	.27	.021	12	13	.37	60	.13	2	1.38	.02	.08	1	4
BL 54 41.5	1	6	26	50	.2	6	5	549	1.89	7	5	ND	2	27	1	2	4	28	.27	.035	10	10	.35	46	.09	7	1.32	.02	.09	1	4
BL 54 42	1	9	34	47	.2	7	5	576	2.04	8	5	ND	2	24	1	2	2	30	.22	.039	13	11	.36	46	.09	6	1.45	.02	.08	1	48
BL 54 42.5	1	9	17	38	.3	6	3	276	2.00	7	10	ND	4	18	2	2	2	34	.17	.023	10	12	.27	51	.15	6	1.08	.02	.07	1	5
BL 54 43	1	8	24	37	.2	5	3	206	2.18	5	5	ND	3	15	1	2	2	34	.14	.036	9	9	.24	37	.11	2	1.43	.01	.07	1	28
BL 54 43.5	1	8	29	51	.1	6	3	630	1.99	7	5	ND	2	22	1	2	2	33	.27	.052	8	10	.27	54	.11	2	1.20	.02	.08	1	185
BL 54 44	1	7	22	31	.2	3	2	291	1.34	7	7	ND	2	14	1	2	2	29	.13	.020	7	7	.14	35	.12	7	.83	.02	.06	1	43
BL 54 44.5	2	9	35	46	.1	7	3	134	2.66	8	5	ND	3	12	1	2	2	40	.09	.028	11	13	.26	39	.17	2	2.38	.02	.07	1	6
BL 54 45	1	11	38	76	.2	8	5	972	2.55	11	5	ND	3	26	1	2	2	37	.30	.047	12	14	.42	61	.13	6	1.85	.02	.10	1	5
BL 54 45.5	1	9	31	36	.2	5	2	159	2.72	10	5	ND	3	11	1	2	2	51	.10	.040	7	13	.18	35	.15	4	2.18	.02	.04	1	18
BL 54 46	1	11	31	45	.3	6	4	231	2.23	9	5	ND	3	20	1	2	4	35	.20	.030	10	10	.23	55	.14	5	1.79	.02	.06	1	5
BL 54 46.5	1	7	15	27	.1	5	3	142	1.80	5	5	ND	3	19	1	2	2	45	.18	.022	8	11	.25	36	.16	4	.90	.02	.07	1	4
BL 54 47	1	11	40	99	.5	7	5	901	2.51	10	10	ND	3	28	1	2	2	35	.27	.050	11	15	.44	77	.13	2	1.77	.02	.09	1	22
BL 54 47.5	1	10	21	83	.1	8	4	224	2.67	9	5	ND	3	17	1	3	2	40	.15	.040	8	14	.42	48	.16	2	1.99	.02	.08	1	5
BL 54 48	1	10	31	68	.1	7	5	326	2.59	10	5	ND	4	20	1	2	2	39	.17	.041	10	12	.40	55	.15	7	2.23	.02	.08	1	17
BL 54 48.5	1	10	39	88	.1	8	5	504	3.12	15	5	ND	5	24	1	2	2	43	.22	.129	9	14	.48	58	.16	4	2.66	.02	.11	1	8
BL 54 49	1	10	47	84	.2	7	5	535	3.14	11	5	ND	5	22	1	2	2	45	.20	.065	10	13	.48	60	.17	2	2.12	.02	.11	1	20
BL 54 49.5	1	12	29	49	.2	5	3	171	3.01	9	5	ND	4	16	1	2	2	46	.13	.093	7	13	.28	49	.15	2	1.90	.02	.07	1	11
STD C/AU-S	18	60	39	129	7.0	69	28	1032	4.18	41	21	7	38	50	17	17	22	60	.49	.088	38	60	.89	174	.08	35	1.84	.06	.13	13	47

TERRA MINES FILE # 87-3557

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
BL 51 48	1	11	192	142	.3	5	6	448	2.27	5	5	ND	5	35	1	2	2	35	.32	.093	8	11	.63	96	.11	2	3.25	.02	.27	1	26
BL 51 48.5	1	13	33	175	.6	7	5	365	2.41	5	5	ND	6	16	1	2	2	36	.15	.118	7	12	.39	70	.13	7	3.80	.02	.11	2	18
BL 51 49	1	22	142	144	1.5	7	5	384	2.55	16	5	ND	4	13	1	2	2	37	.14	.079	9	13	.34	55	.12	5	3.33	.02	.10	3	47
BL 51 49.5	1	12	40	109	.3	6	5	244	2.60	9	5	ND	4	13	1	2	3	36	.14	.078	8	13	.36	47	.14	3	2.79	.02	.08	2	4
BL 51 50	9	488	15084	3178	39.0	4	8	143	9.63	818	5	7	6	16	27	104	2	18	.20	.068	7	1	.16	23	.03	7	.43	.02	.13	1264	6950
BL 52 40	1	10	60	64	.4	7	5	776	2.28	8	5	ND	5	25	1	2	2	35	.28	.078	9	12	.46	78	.13	9	1.94	.02	.17	3	64
BL 52 40.5	1	8	23	53	.1	7	4	336	2.28	8	5	ND	5	18	1	2	2	36	.18	.046	8	14	.41	52	.13	5	1.97	.02	.11	1	205
BL 52 41	1	12	26	74	.1	7	6	1891	2.06	6	5	ND	2	27	1	2	3	33	.24	.035	15	12	.37	103	.11	2	1.72	.02	.09	1	15
BL 52 41.5	1	10	82	101	.1	7	6	892	1.80	8	5	ND	1	35	1	2	2	27	.33	.062	9	11	.36	99	.08	2	1.28	.02	.09	1	6
BL 52 42	1	8	26	55	.2	7	5	240	2.42	9	5	ND	4	25	1	2	2	37	.26	.044	11	14	.50	43	.12	6	2.05	.02	.10	2	560
BL 52 42.5	1	10	36	62	.2	8	5	292	2.67	7	5	ND	4	16	1	2	2	40	.15	.071	9	14	.43	55	.13	4	2.84	.02	.11	1	1
BL 52 43	1	8	49	68	.5	6	4	239	2.40	7	5	ND	4	18	1	2	3	39	.17	.043	9	15	.39	35	.11	6	1.60	.02	.08	1	2
BL 52 43.5	1	9	20	50	.3	6	4	251	2.18	5	5	ND	4	16	1	2	3	34	.15	.047	8	11	.37	45	.12	3	1.81	.02	.08	1	1
BL 52 44	1	11	28	53	.2	6	4	233	2.86	8	5	ND	4	14	1	2	5	43	.12	.049	6	13	.29	43	.14	4	1.50	.02	.07	1	33
BL 52 44.5	1	6	35	64	.1	6	5	314	2.22	5	5	ND	3	35	1	2	3	34	.40	.025	7	11	.42	60	.12	3	1.28	.02	.09	1	56
BL 52 45	1	7	30	49	.1	5	3	192	2.07	7	6	ND	2	30	1	2	3	32	.33	.035	11	12	.31	55	.13	2	1.48	.02	.08	1	101
BL 52 45.5	1	6	26	43	.1	4	3	289	1.74	8	5	ND	2	24	1	2	2	34	.25	.018	7	10	.26	65	.12	2	.86	.02	.07	1	12
BL 52 46	1	11	29	56	.4	6	4	1387	2.39	8	5	ND	3	19	1	2	3	41	.14	.045	7	11	.18	79	.18	7	1.40	.02	.06	1	4
BL 52 46.5	1	12	29	69	.3	7	6	662	3.30	9	5	ND	4	15	1	2	4	44	.11	.070	6	13	.24	60	.21	3	2.21	.02	.06	1	1
BL 52 47	1	7	36	64	.1	5	5	429	2.27	5	5	ND	5	27	1	2	2	33	.30	.060	12	11	.54	57	.11	2	2.35	.02	.15	2	2
BL 52 47.5	1	8	29	85	.1	6	4	563	2.24	7	5	ND	5	21	1	2	2	33	.21	.084	9	11	.39	58	.11	3	1.84	.02	.11	1	1
BL 52 48	1	15	58	136	.2	7	5	732	2.27	8	5	ND	6	22	1	2	2	34	.25	.083	10	12	.43	81	.12	4	2.64	.02	.13	1	22
BL 52 48.5	1	12	39	144	.3	7	4	311	2.96	5	5	ND	5	13	1	2	3	40	.12	.087	9	16	.37	37	.14	5	3.66	.02	.08	1	1
BL 52 49	1	17	140	118	1.0	6	4	358	2.30	12	5	ND	3	13	1	2	5	36	.12	.070	7	12	.30	48	.13	2	2.96	.02	.08	2	47
BL 52 49.5	1	22	268	145	3.2	6	4	418	2.29	25	5	ND	4	13	1	4	2	34	.15	.070	8	11	.31	44	.12	4	2.30	.02	.08	5	215
BL 53 40	1	14	112	114	.1	9	5	1394	2.14	12	5	ND	2	20	3	2	2	34	.18	.049	8	13	.38	114	.12	3	1.47	.02	.12	1	2
BL 53 40.5	1	10	23	60	.1	7	3	292	2.20	9	5	ND	2	15	1	2	2	39	.13	.043	7	12	.37	81	.14	2	1.25	.02	.09	1	1
BL 53 41	1	8	13	43	.2	6	3	193	2.13	8	5	ND	3	18	1	2	2	35	.17	.049	7	12	.34	43	.11	2	1.51	.02	.08	1	1
BL 53 41.5	1	6	15	47	.1	6	4	590	1.58	5	5	ND	2	37	1	2	2	24	.32	.041	14	10	.32	44	.08	3	1.41	.02	.07	1	1
BL 53 42	1	9	22	56	.1	8	5	267	2.37	7	5	ND	5	19	1	2	2	36	.19	.053	10	13	.43	43	.13	2	2.40	.02	.10	1	295
BL 53 42.5	1	7	25	45	.1	7	4	195	2.56	6	5	ND	4	21	1	2	2	41	.17	.029	9	13	.40	40	.14	2	1.43	.02	.09	2	3
BL 53 43	1	5	19	41	.1	4	3	256	1.53	6	5	ND	2	20	1	2	2	32	.18	.019	8	10	.28	47	.12	3	1.06	.02	.07	2	72
BL 53 43.5	1	102	2221	872	1.9	5	6	1030	2.53	21	5	ND	3	21	2	2	2	23	.25	.068	13	8	.30	47	.03	2	1.05	.01	.10	3	650
BL 53 44	1	10	28	30	.2	5	2	225	2.00	8	5	ND	2	10	1	2	2	36	.06	.040	7	9	.15	41	.14	3	1.53	.02	.04	1	5
BL 53 44.5	1	7	17	47	.2	5	3	228	2.33	13	5	ND	3	22	1	2	4	38	.22	.056	7	11	.26	57	.12	3	1.79	.02	.06	1	1
BL 53 45	1	6	30	55	.1	5	4	573	1.41	5	5	ND	1	35	1	2	2	22	.45	.055	13	9	.33	49	.06	3	1.17	.02	.07	1	62
STD C/AU-S	20	61	37	131	7.3	69	28	1045	4.15	43	26	7	39	51	17	16	20	60	.48	.092	38	61	.88	182	.08	33	1.82	.06	.14	12	52

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 20 1987 DATE REPORT MAILED: Aug 31/87 ASSAYER. D.Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER

TERRA MINES File # 87-3557 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
BL 50 40	1	19	99	265	.3	9	8	2406	3.51	11	5	ND	2	55	2	2	2	42	.55	.096	12	18	.59	201	.10	4	1.86	.02	.18	1	265
BL 50 40.5	1	19	88	112	.3	13	8	1436	2.97	11	18	ND	4	106	2	2	2	41	.93	.075	21	24	.75	359	.19	5	3.63	.03	.19	1	1
BL 50 41	1	12	34	85	.1	11	6	976	2.59	8	5	ND	2	70	1	2	2	38	.87	.061	9	17	.54	76	.13	8	1.90	.02	.13	1	12
BL 50 41.5	1	17	70	107	.2	10	7	2172	2.51	9	5	ND	1	74	1	3	2	36	.91	.118	10	18	.53	184	.13	7	1.72	.02	.18	1	3
BL 50 42	1	14	64	105	.6	7	5	1171	1.91	6	110	ND	1	88	2	4	2	27	1.20	.107	67	17	.41	87	.07	6	3.52	.02	.11	1	13
BL 50 42.5	1	10	50	138	.1	7	6	1758	2.64	10	5	ND	2	38	1	2	2	36	.45	.145	10	14	.59	173	.12	28	2.33	.03	.17	2	30
BL 50 43	1	8	31	116	.2	7	6	834	2.71	9	5	ND	3	34	2	2	2	39	.42	.067	8	14	.60	114	.15	4	2.01	.02	.15	2	1
BL 50 43.5	1	11	32	126	.2	9	8	709	3.30	8	5	ND	4	29	1	2	2	46	.36	.116	9	16	.82	90	.16	3	3.39	.02	.23	1	5
BL 50 44	1	10	22	81	.1	8	6	336	2.80	2	5	ND	6	23	1	2	2	40	.23	.082	10	14	.58	65	.16	4	3.83	.02	.13	1	7
BL 50 44.5	1	9	26	70	.1	8	6	459	2.65	11	5	ND	5	23	1	2	2	42	.25	.059	9	15	.53	58	.14	3	2.18	.02	.12	1	19
BL 50 45	1	9	28	99	.2	8	7	802	3.02	9	5	ND	4	27	1	2	2	44	.29	.058	8	14	.62	87	.16	4	2.99	.02	.14	1	22
BL 50 45.5	1	8	57	79	.3	6	6	318	2.62	10	5	ND	6	24	2	2	2	38	.27	.051	10	13	.53	48	.14	4	2.41	.02	.13	2	150
BL 50 46	1	7	38	76	.1	7	6	284	2.86	8	5	ND	6	24	1	2	2	42	.26	.042	9	14	.55	53	.15	3	2.56	.02	.12	1	19
BL 50 46.5	1	10	45	90	.1	7	5	1203	2.05	7	5	ND	3	29	1	2	2	31	.34	.108	8	12	.40	84	.11	11	1.77	.03	.14	1	4
BL 50 47	1	366	4324	1710	6.5	10	5	660	3.40	68	5	ND	4	21	14	25	2	33	.24	.074	10	10	.31	63	.09	5	1.17	.01	.08	320	190
BL 50 47.5	1	13	34	80	.1	9	5	267	2.60	7	5	ND	5	16	1	5	2	37	.17	.088	9	15	.47	48	.13	2	3.56	.02	.09	2	8
BL 50 48	1	44	457	247	.7	7	6	670	2.66	15	7	ND	4	33	1	2	2	40	.33	.037	10	13	.50	54	.13	3	1.75	.02	.10	30	82
BL 50 48.5	1	246	5219	827	9.8	7	6	366	4.16	176	5	ND	5	20	3	28	2	35	.27	.087	12	14	.44	37	.08	2	1.37	.02	.12	894	2020
BL 50 49	1	9	44	62	.1	6	6	775	1.65	8	5	ND	2	22	1	2	3	25	.26	.058	10	10	.40	55	.08	2	1.44	.02	.10	5	12
BL 50 49.5	1	489	13500	3307	38.9	4	7	112	9.19	810	5	11	3	13	27	108	2	16	.16	.061	6	3	.12	21	.02	2	.33	.02	.10	1002	6110
BL 51 40	1	10	124	62	.3	7	5	641	2.49	9	5	ND	3	22	1	2	2	41	.23	.041	7	13	.38	74	.15	3	2.10	.02	.11	4	47
BL 51 40.5	1	9	36	62	.1	9	6	419	2.78	8	5	ND	3	22	1	2	2	43	.24	.051	7	15	.44	82	.16	6	2.93	.02	.11	2	40
BL 51 41	1	8	32	66	8.9	7	6	523	2.29	8	5	17	2	25	1	2	2	36	.24	.056	10	14	.48	72	.14	2	1.91	.02	.14	2	175
BL 51 41.5	1	10	26	66	4.8	8	6	321	2.64	5	5	9	5	19	1	2	2	43	.21	.170	10	16	.46	45	.14	5	4.61	.02	.10	2	12
BL 51 42	1	12	26	76	.2	11	7	319	3.22	6	5	ND	4	36	1	2	2	44	.41	.067	10	21	.76	72	.16	13	2.18	.02	.13	1	14
BL 51 42.5	1	10	41	143	.1	8	7	1504	2.64	11	6	ND	4	34	1	2	2	37	.41	.131	9	13	.59	153	.12	7	2.27	.02	.17	2	79
BL 51 43	1	10	67	151	.2	9	6	673	2.66	8	5	ND	3	23	1	2	2	41	.27	.066	9	17	.50	74	.13	9	1.84	.02	.12	1	12
BL 51 43.5	1	9	40	98	.1	7	6	316	2.54	7	5	ND	4	24	1	2	2	36	.29	.099	11	13	.54	44	.12	15	2.87	.02	.13	2	5
BL 51 44	1	8	37	85	.1	5	4	592	1.99	9	5	ND	3	21	1	2	2	31	.24	.091	8	11	.36	63	.12	7	1.36	.02	.10	1	11
BL 51 44.5	1	8	24	47	.1	5	4	231	2.68	5	5	ND	4	15	1	2	2	41	.12	.024	6	12	.27	54	.17	6	1.84	.01	.09	1	9
BL 51 45	1	6	25	39	.2	5	3	168	2.18	6	5	ND	4	15	1	2	2	43	.12	.018	6	9	.22	45	.17	25	1.31	.02	.08	2	2
BL 51 45.5	1	10	22	60	.1	6	4	376	2.74	6	5	ND	4	14	1	2	3	39	.12	.068	7	12	.28	49	.14	5	3.03	.01	.06	1	1
BL 51 46	1	9	24	63	.2	6	6	404	2.36	8	5	ND	7	29	1	2	2	34	.38	.099	14	12	.59	65	.13	3	2.59	.02	.22	1	2
BL 51 46.5	1	8	56	77	.1	6	6	473	2.42	8	5	ND	7	36	1	2	2	35	.42	.094	14	13	.71	86	.14	2	2.58	.02	.29	1	10
BL 51 47	1	13	16	52	.1	7	4	216	2.94	12	5	ND	5	12	1	6	2	42	.08	.096	7	14	.27	45	.17	3	3.24	.01	.07	1	1
BL 51 47.5	1	13	26	53	.1	7	4	200	3.23	11	5	ND	5	12	1	5	2	44	.09	.089	6	15	.27	40	.17	4	3.49	.01	.06	1	1
STD C/AU-S	19	58	42	129	6.9	67	27	1032	4.04	40	24	7	37	48	16	16	18	58	.47	.087	37	60	.86	172	.08	38	1.75	.05	.13	13	52

ACME ANALYTICAL LABORATORIES   852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6   PHONE 253-3158   DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL   AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 23 1987   DATE REPORT MAILED: Oct 5/87   ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER

TERRA MINES   File # 87-4472

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
B 59.5E 50N	1	15	41	60	.6	6	3	389	2.11	2	5	ND	1	1	1	2	2	37	.09	.046	6	9	.22	54	.14	2	2.30	.01	.07	1	51
B 59.5E 49.5N	1	12	43	45	.4	4	2	142	2.28	2	5	ND	4	11	1	2	2	45	.09	.025	7	8	.18	51	.15	2	1.45	.01	.06	2	6
B 59.5E 49N	1	13	55	60	.1	8	4	375	1.72	2	6	ND	1	17	1	2	2	29	.15	.058	11	10	.35	65	.09	2	2.07	.02	.09	1	2
B 59.5E 48.5N	1	13	33	52	.1	7	3	261	2.17	2	5	ND	1	13	1	2	2	38	.13	.047	8	10	.27	52	.14	2	2.11	.01	.07	1	8
B 59.5E 48N	1	15	50	75	.1	10	7	974	2.04	3	5	ND	1	28	1	2	2	35	.29	.078	13	15	.39	85	.11	2	2.38	.02	.10	1	137
B 59.5E 47.5N	1	12	23	53	.1	8	3	278	2.18	4	5	ND	1	17	1	2	2	40	.16	.050	8	10	.36	61	.14	2	1.59	.02	.10	1	1
B 59.5E 47N	1	14	25	53	.1	7	7	481	1.86	2	5	ND	1	15	1	2	2	31	.16	.084	12	12	.35	44	.08	2	2.75	.02	.09	1	1
B 59.5E 46.5N	1	15	24	68	.2	8	8	575	1.93	2	5	ND	1	17	1	2	2	31	.19	.081	15	13	.36	52	.06	2	2.82	.02	.09	1	1
B 59.5E 46N	1	12	12	78	.1	9	7	590	2.35	2	8	ND	1	21	1	2	2	41	.27	.047	16	13	.56	42	.12	2	2.17	.02	.09	1	1
B 59.5E 45.5N	1	20	65	155	.6	13	7	1052	2.33	2	26	ND	1	70	2	2	2	34	1.22	.198	17	21	.61	98	.05	2	2.45	.02	.17	1	1
B 59.5E 45N	1	29	51	103	.4	80	11	435	3.49	6	5	ND	5	39	1	2	5	56	.25	.113	22	78	1.62	249	.33	2	2.69	.02	.18	1	12
B 59.5E 44.5N	1	18	28	78	.1	8	6	833	2.58	24	5	ND	1	15	1	2	2	43	.14	.064	10	13	.59	47	.14	2	2.05	.02	.21	1	1
B 59.5E 44N	1	10	36	51	.1	6	3	264	1.81	4	5	ND	1	15	1	2	2	31	.16	.056	8	8	.31	41	.09	2	1.53	.02	.08	1	1
B 59.5E 43.5N	1	14	32	58	.1	6	4	625	2.10	2	5	ND	1	13	1	2	2	36	.10	.058	9	11	.30	55	.13	2	2.30	.01	.10	1	1
B 59.5E 43N	1	16	51	70	.1	8	4	773	.87	2	5	ND	1	18	1	2	5	30	.12	.060	11	6	.34	83	.11	2	1.97	.01	.11	1	1
B 59.5E 42.5N	1	15	27	51	..1	6	3	272	1.95	2	5	ND	1	12	1	2	2	33	.09	.057	11	9	.30	45	.11	2	2.19	.01	.11	1	1
B 59.5E 42N	1	12	26	49	.1	7	4	430	1.81	2	5	ND	1	15	1	2	2	29	.11	.054	11	10	.35	49	.08	2	1.81	.01	.10	1	1
B 59.5E 41.5N	1	12	24	49	.1	6	3	288	1.96	2	6	ND	1	12	1	2	2	32	.09	.038	9	9	.28	40	.11	2	1.53	.01	.08	1	2
B 59.5E 41N	1	18	26	36	.6	6	2	104	1.50	4	5	ND	1	12	1	2	2	28	.08	.054	8	10	.22	55	.10	2	1.31	.01	.07	1	1
B 59.5E 40.5N	1	16	16	47	.2	5	2	197	2.03	2	5	ND	1	9	1	2	2	40	.06	.037	8	10	.23	57	.15	3	1.78	.01	.07	1	1
B 59.5E 40N	1	15	40	82	.2	7	5	910	2.10	2	5	ND	2	22	1	2	2	34	.21	.107	10	11	.42	89	.12	3	2.21	.02	.12	1	1
B 57.5E 44.5N	1	14	44	81	.1	8	7	1115	2.07	2	5	ND	1	54	1	2	2	33	.57	.091	17	13	.42	82	.07	2	2.05	.02	.11	1	2
B 57.5E 44N	1	11	25	44	.2	5	2	141	1.60	3	5	ND	3	12	1	2	2	34	.09	.041	8	8	.20	41	.13	2	1.59	.02	.08	1	10
B 57.5E 43.5N	1	17	70	68	.2	8	5	675	2.05	4	5	ND	1	20	1	2	2	36	.13	.001	15	11	.29	70	.12	17	2.09	.03	.10	1	1
B 57.5E 43N	1	12	24	50	.1	7	4	2	2.12	2	5	ND	2	17	1	2	2	37	.14	.039	10	11	.32	42	.13	2	1.46	.02	.09	1	18
B 57.5E 42.5N	1	14	50	60	.1	8	4	350	1.92	2	5	ND	2	19	1	2	2	31	.15	.084	17	13	.38	64	.11	2	2.42	.02	.11	1	1
B 57.5E 42N	1	11	27	50	.4	7	3	224	1.95	2	7	ND	2	18	1	2	2	33	.14	.037	12	10	.36	53	.12	2	1.80	.02	.10	3	5
B 57.5E 41.5N	1	10	33	45	.2	5	2	270	1.52	4	5	ND	2	15	1	2	2	31	.11	.034	8	8	.25	43	.13	2	1.24	.01	.09	1	1
B 57.5E 41N	1	14	28	50	.1	7	3	253	2.24	3	5	ND	3	14	1	2	2	38	.10	.066	10	11	.33	42	.14	2	2.09	.02	.10	1	1
B 57.5E 40.5N	1	9	25	35	.5	3	2	73	1.59	2	5	ND	3	10	1	2	2	43	.05	.028	8	9	.16	34	.15	3	1.86	.02	.05	2	1
B 57.5E 40N	1	13	36	62	.1	7	4	654	2.10	2	7	ND	1	19	1	2	2	38	.13	.042	10	12	.35	68	.15	2	1.59	.02	.10	1	27
B 57.5E 39.5N	1	11	23	55	.2	7	4	265	2.12	3	5	ND	1	19	1	2	2	35	.01	.042	10	11	.36	47	.11	2	1.58	.02	.10	1	16
STD C/AU-S	18	62	38	132	7.4	68	28	1050	3.94	37	24	7	40	51	18	18	20	60	.48	.088	38	57	.88	181	.08	36	2.02	.06	.13	12	52

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS 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. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Rock Chips AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 16 1987 DATE REPORT MAILED: Nov 25/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES File # 87-5725

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM
C 46955	1	6	2	13	33.7	1	1	212	.55	2	5	9	1	188	1	2	2	3
C 46956	1	15	5	22	12.4	5	2	253	.80	27	5	3	1	213	1	2	2	6
C 46957	1	69	5	12	32.1	3	1	151	.39	2	5	6	1	374	1	2	3	2
C 46958	2	20	8	17	14.5	2	1	144	.69	8	5	4	1	144	1	2	2	6
C 46959	1	8	2	12	10.4	3	1	172	.68	2	5	3	1	313	1	2	3	6

SAMPLE#	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB	
C 46955	6.63	.008	2	3	.06	25	.01	2	.22	.01	.02	1	4700	0.150
C 46956	6.31	.016	6	5	.10	28	.01	2	.35	.01	.05	1	2440	0.078
C 46957	8.54	.007	2	3	.03	34	.01	2	.22	.01	.02	1	7130	0.228
C 46958	3.98	.014	4	7	.14	31	.01	2	.25	.01	.02	1	3730	0.119
C 46959	7.14	.014	4	5	.08	25	.01	2	.27	.01	.04	1	2250	0.072

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK

DATE RECEIVED: AUG 15 1987 DATE REPORT MAILED: Aug 26/87 ASSAYER. D. Toye...DEAN TOYE. CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-3309A

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU OZ/T
46529	1	4	11	42	.1	3	4	526	2.50	10	5	ND	6	5	1	3	2	6	.07	.034	15	5	.04	30	.01	2	.28	.03	.13	1	.001
46530	1	124	1911	598	13.4	1	1	90	2.61	174	5	3	1	4	4	2	2	1	.02	.017	2	5	.01	10	.01	2	.10	.02	.08	1	.133
46533	1	4	212	35	1.0	2	2	512	1.59	13	5	ND	2	5	1	2	2	2	.06	.021	5	1	.02	15	.01	2	.14	.01	.09	2	.006
46714	1	7	970	349	6.2	2	1	104	.82	6	5	ND	1	4	1	8	2	2	.06	.008	2	1	.03	2	.01	2	.23	.01	.01	1	.004
46715	1	3	25	280	.1	2	1	56	.50	3	5	ND	1	1	1	2	2	1	.03	.002	2	5	.04	1	.01	15	.12	.01	.01	2	.002
46716	1	4	46	36	.8	2	1	58	.76	3	5	ND	1	3	1	2	2	2	.03	.004	2	2	.02	1	.01	2	.09	.01	.01	2	.001
46717	1	3	26	59	.4	1	1	42	.48	2	5	ND	1	1	1	2	2	1	.01	.003	2	3	.01	1	.01	2	.02	.01	.01	1	.001
53833	1	117	834	618	6.4	3	5	906	2.79	86	5	ND	7	4	2	4	2	5	.07	.043	16	5	.02	27	.01	2	.21	.01	.15	3	.044
53834	1	17	64	14	.4	1	1	417	.61	2	5	ND	1	3	1	2	2	1	.01	.002	2	3	.01	11	.01	2	.03	.01	.02	1	.001
53835	1	90	120	366	.8	3	3	382	1.71	5	5	ND	2	6	1	2	2	2	.04	.022	6	3	.04	22	.01	2	.26	.01	.12	1	.001
53836	1	10	356	260	.2	3	7	597	2.70	10	5	ND	11	6	1	2	2	6	.04	.049	23	2	.06	33	.01	2	.58	.02	.14	1	.001
53837	1	87	1803	896	13.5	2	2	216	2.97	391	5	ND	4	5	1	4	2	3	.02	.023	9	3	.01	17	.01	6	.19	.01	.09	1	.042
53838	1	6	42	38	.3	4	8	678	2.94	28	5	ND	9	4	1	3	2	4	.09	.062	18	1	.03	34	.01	7	.38	.02	.20	2	.001
53839	1	4	30	28	.1	3	3	451	1.60	6	5	ND	5	6	1	2	2	5	.03	.023	9	1	.02	26	.01	2	.26	.01	.08	1	.001
53840	1	3	12	59	.1	3	7	976	2.63	5	5	ND	8	29	1	2	2	17	1.04	.073	16	1	.36	72	.02	2	.77	.05	.22	1	.001
53841	1	9	329	157	3.3	4	6	1209	3.58	37	5	3	7	5	1	2	3	4	.04	.035	14	1	.03	62	.01	2	.27	.01	.12	1	.026
53842	1	4	102	127	.2	4	7	845	2.93	41	5	ND	11	6	1	2	2	5	.11	.059	22	1	.04	37	.01	2	.37	.02	.17	1	.001
53843	1	6	22	48	.2	4	6	1092	3.06	27	5	ND	8	6	1	2	2	6	.07	.044	16	1	.04	53	.01	2	.37	.02	.15	2	.003
53844	1	2	32	70	.1	3	7	869	2.88	14	5	ND	8	64	1	2	2	4	2.05	.059	10	2	.17	45	.01	2	.25	.02	.17	1	.001
STD C	18	57	42	131	6.8	67	26	1023	3.63	39	17	7	38	48	17	17	20	55	.48	.085	37	56	.91	172	.08	36	1.84	.08	.12	13	-

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-ROCK P2-CORE

DATE RECEIVED: AUG 17 1987 DATE REPORT MAILED: Aug 27/87 ASSAYER. [illegible] ...DEAN TOYE. CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-3387A Page 1

Assay

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU OZ/T
C 46536	1	3	584	211	.9	2	3	861	1.25	2	5	ND	6	6	1	2	2	3	.10	.044	12	[illegible]	[illegible]	[illegible]	.01	4	.44	.03	.18	1	.016
C 46537	1	4	67	49	.1	2	1	90	.36	8	5	ND	1	1	1	2	2	1	.01	.002	2	5	.01	8	.01	2	.06	.01	.05	1	.006
C 46538	1	27	448	87	2.8	2	1	29	1.41	68	5	3	1	1	1	2	2	1	.01	.008	2	1	.01	4	.01	2	.04	.01	.02	1	.235
C 46539	1	224	1208	310	20.4	5	2	86	2.45	121	5	11	1	1	1	30	2	2	.01	.015	2	4	.01	7	.01	21	.07	.01	.03	227	.650
C 46540	1	16	116	108	.6	4	5	1045	2.43	49	5	ND	4	4	4	2	2	4	.01	.014	10	[illegible]	.01	[illegible]	.01	2	.16	.01	.08	10	.026
C 46541	1	11	515	28	9.6	2	1	53	.39	19	5	10	1	2	1	5	2	1	.01	.006	2	4	.01	4	.01	11	.04	.01	.03	199	.329
C 46542	1	9	107	323	.9	3	2	789	1.89	26	5	ND	3	67	2	2	2	2	1.59	.018	4	1	[illegible]	11	.01	3	.10	.03	.07	7	.049
C 46543	1	18	1063	48	4.9	1	1	20	.30	23	5	ND	1	5	1	2	2	1	.01	.001	2	2	.01	3	.01	2	.01	.01	.03	3	.073
C 46544	3	562	18094	8042	70.6	4	5	26	3.74	309	5	29	1	3	78	41	5	1	.04	.017	3	1	.01	6	.01	31	.09	.02	.06	21	.840
C 46545	2	404	1911	3659	33.4	2	1	184	1.53	161	5	ND	1	2	35	13	2	1	.02	.003	2	1	.01	5	.01	2	.03	.01	.02	76	.135
C 46546	1	98	5950	571	42.6	2	1	20	3.33	400	5	10	1	3	2	21	3	1	.01	.004	2	2	.01	1	.01	2	.01	.01	.02	2	.378
C 46547	1	8	557	81	10.8	2	1	13	.33	47	5	2	1	1	1	4	2	1	.01	.001	2	4	.01	18	.01	2	.01	.01	.01	1	.062
C 46548	2	170	11385	3866	25.9	4	5	240	3.37	365	5	ND	2	11	38	23	2	1	.18	.015	3	3	.05	6	.01	2	.09	.01	.07	11	.076
C 46549	1	752	22322	2428	252.8	3	8	12	16.96	1686	5	8	1	24	26	177	2	1	.01	.001	2	1	.02	3	.01	2	.01	.01	.02	6	1.108
C 46550	1	60	1329	1557	2.4	3	1	29	.83	57	5	ND	1	2	17	3	2	1	.01	.002	2	1	.01	1	.01	2	.01	.01	.01	4	.233
C 46551	1	74	2411	472	24.9	2	1	20	2.04	394	5	6	1	2	4	57	2	1	.01	.003	2	1	.01	2	.01	6	.01	.01	.02	5	.635
C 46552	1	56	452	324	6.3	3	2	127	.94	44	5	ND	1	2	2	9	2	2	.09	.013	2	3	.02	13	.01	11	.13	.01	.08	1	.055
C 46553	1	242	1353	273	75.1	1	1	18	2.08	252	5	13	1	1	2	46	2	1	.01	.003	2	1	.01	1	.01	2	.02	.01	.03	2	.390
C 46554	1	8	110	37	4.4	3	1	28	.38	8	5	6	1	1	1	2	2	1	.01	.001	2	3	.01	1	.01	13	.01	.01	.01	3	.510
C 46555	14	1100	23156	75395	133.4	2	6	18	17.07	1565	5	26	1	11	535	99	2	1	.01	.004	2	2	.02	7	.01	6	.03	.01	.06	1	1.566
C 46556	1	43	2729	773	7.3	3	3	381	1.83	108	5	ND	6	15	9	10	2	4	.05	.038	12	3	.01	15	.01	12	.22	.01	.11	10	.053
C 46557	1	21	417	462	3.1	2	3	1108	2.73	144	5	ND	1	92	5	2	2	2	2.72	.008	2	4	.54	16	.01	2	.06	.02	.04	4	.018
C 46558	1	6	82	120	.2	2	1	35	.43	10	5	ND	1	1	1	2	2	1	.01	.001	2	5	.01	1	.01	4	.01	.01	.01	1	.015
C 46559	5	462	18394	17867	80.4	2	3	78	4.94	499	5	7	1	14	166	99	2	1	.14	.009	2	1	.03	10	.01	2	.06	.01	.05	828	.380
STD C	17	58	38	129	7.1	67	27	1021	3.90	39	18	7	37	49	17	17	23	56	.46	.086	37	57	.86	175	.08	38	2.35	.08	.13	13	-

ASSAY REQUIRED FOR Pb > 10,000 ppm
Zn > 20,000 ppm
Ag > 35 ppm

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Rock Chips Au by regular assay

DATE RECEIVED: AUG 24 1987 DATE REPORT MAILED: Aug 31/87 ASSAYER. D. Toye DEAN TOYE. CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-3574

BAYONNE EAST (C 46560 – C 46578)

BAYONNE WEST GRID (C 46579 – C 46581)

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU OZ/T	
C 46560	1	16	162	72	.2	4	4	545	2.32	13	5	ND	1	5	1	2	2	2	.37	.007	5	1	.01	32	.01	2	.07	.03	.04	1	.001	
C 46561	1	61	9	21	.6	4	2	470	1.70	10	5	ND	1	9	1	2	2	2	.02	.005	2	1	.01	65	.01	2	.07	.02	.04	2	.001	
C 46562	1	12	139	153	.5	5	3	222	1.86	40	5	ND	1	3	1	2	2	2	.01	.005	2	2	.01	14	.01	2	.05	.01	.03	1	.016	
C 46563	1	51	111	202	.7	4	3	893	2.41	45	5	ND	3	98	2	2	2	2	2.26	.017	5	1	.48	15	.01	9	.14	.03	.08	566	.004	
C 46564	3	296	5969	7921	19.3	3	4	218	4.81	300	5	9	1	13	78	11	2	1	.28	.005	2	1	.08	9	.01	6	.08	.02	.06	162	.472	
C 46565	1	21	595	661	.3	2	1	115	.66	8	5	ND	1	9	8	2	2	1	.20	.001	2	1	.04	2	.01	2	.01	.01	.01	10	.025	
C 46566	1	21	669	1518	.9	3	3	351	1.60	42	5	ND	1	31	15	2	2	1	.71	.011	2	1	.16	20	.01	6	.24	.02	.13	4	.004	
C 46567	1	77	675	584	3.8	2	1	482	1.63	22	5	2	1	80	5	2	2	1	1.43	.011	3	1	.31	5	.01	2	.08	.02	.05	2	.089	
C 46568	17	10400✓	15395✓	99999✓	297.5✓	2	2	32	15.69	507	5	72	1	2	1339	589	2	1	.01	.001	2	1	.02	2	.01	9	.01	.01	.01	1	2.330	
C 46569	1	163	1627	2083	20.4	3	1	85	1.33	18	5	14	1	2	23	21	2	1	.02	.001	2	1	.01	1	.01	2	.01	.01	.01	6	.556	
C 46570	2	432	9816	4017	18.7	4	1	136	2.77	118	5	5	1	3	37	23	2	1	.01	.025	2	1	.01	5	.01	2	.05	.01	.03	7	.204	
C 46571	1	217	2741	2616	7.3	3	2	96	6.04	68	5	2	3	13	17	2	2	4	.02	.034	5	1	.02	13	.01	6	.28	.01	.09	6	.060	
C 46572	1	26	391	384	.8	5	5	433	2.50	60	5	ND	7	4	2	2	2	4	.04	.031	16	1	.02	25	.01	8	.27	.01	.16	1	.002	
C 46573	1	11	73	65	.1	3	1	96	.95	8	5	ND	1	2	1	2	2	1	.01	.006	2	1	.01	7	.01	2	.08	.01	.05	1	.001	
C 46574	1	17	108	164	.2	5	3	515	2.70	10	5	ND	4	4	1	2	2	4	.04	.025	11	2	.02	24	.01	3	.26	.01	.12	1	.006	
C 46575	1	25	771	293	1.4	4	1	309	1.80	4	5	ND	1	6	1	2	2	3	.01	.011	2	3	.01	8	.01	12	.09	.01	.04	1	.020	
C 46576	1	7	42	56	.1	4	4	618	2.75	17	5	ND	4	4	1	4	2	3	.01	.023	10	1	.02	31	.01	2	.19	.01	.08	1	.001	
C 46577	1	7	25	34	.1	4	4	425	2.60	12	5	ND	6	6	1	3	2	5	.07	.050	14	1	.11	33	.01	9	.45	.02	.15	1	.001	
C 46578	1	7	26	43	.3	6	6	1075	3.78	23	5	ND	8	10	1	2	2	6	.93	.060	12	3	.05	59	.01	5	.33	.02	.18	1	.001	
C 46579	3	116	7637	6193	43.8	10	12	291	9.01	347	5	23	5	7	50	11	2	7	.06	.033	7	1	.02	25	.01	6	.39	.01	.22	13	1.020	← FLOAT
C 46580	1	6	39	58	.1	4	6	816	3.87	3	5	ND	7	7	1	2	2	11	.06	.024	15	2	.03	36	.01	2	.44	.04	.16	1	.001	
C 46581	1	8	184	138	.8	5	3	291	1.42	9	5	ND	2	31	1	3	2	14	.27	.015	6	3	.30	36	.05	4	.82	.06	.13	1	.007	
C 46718	1	18	59	48	.3	3	1	151	1.30	8	5	ND	1	7	1	3	2	2	.08	.027	4	4	.03	35	.01	2	.12	.01	.05	2	.001	
C 46719	1	12	60	107	.1	4	1	195	1.08	5	5	ND	1	8	1	2	2	2	.09	.030	4	3	.05	30	.01	5	.16	.01	.06	1	.001	
C 46720	1	14	96	94	.3	4	1	187	1.49	6	5	ND	1	3	1	3	2	1	.02	.011	2	5	.02	11	.01	11	.05	.01	.02	1	.001	
C 46721	1	5	12	9	.1	3	1	64	.59	2	5	ND	1	5	1	2	2	1	.05	.019	3	2	.01	3	.01	2	.02	.01	.01	1	.001	
C 46722	1	7	58	49	.6	5	7	914	3.94	127	5	ND	10	6	1	3	2	8	.08	.046	21	6	.04	40	.01	4	.41	.02	.18	1	.001	
C 46723	1	29	22	89	.1	24	9	410	4.91	6	5	ND	16	7	1	2	2	43	.15	.075	32	58	1.90	172	.23	9	3.24	.07	1.43	1	.001	
C 46724	1	41	19	58	.1	11	5	333	3.82	4	5	ND	12	7	1	2	2	31	.05	.035	29	46	1.26	131	.17	2	2.04	.06	1.01	1	.001	
STD C	18	64	42	135	6.9	68	27	1025	3.92	42	19	7	36	48	17	17	19	55	.47	.088	36	55	.86	174	.08	33	1.78	.08	.12	13	-	

✓ ASSAY REQUIRED FOR CORRECT RESULT -

TERRA MINES LTD. FILE # 87-4679

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM
C 51108	1	10	330	108	.7	1	2	450	1.05	8	5	ND	1	4	1
C 51109	1	39	1042	323	1.9	2	6	310	2.09	54	5	ND	2	5	1
C 51110	2	76	2004	693	2.4	2	10	1192	3.79	38	5	ND	4	4	4
C 51111	1	7	50	81	.2	2	2	472	2.23	4	5	ND	2	2	1
C 51114	2	57	1918	764	2.7	2	2	217	1.51	23	5	ND	2	3	7
C 51119	2	88	5821	434	16.1	1	5	566	3.33	108	5	10	2	4	2
C 51120	1	3	44	28	.1	2	5	312	1.99	5	5	ND	1	4	1
C 51122	1	6	81	112	.1	3	7	1433	5.39	2	5	ND	1	4	1
C 51123	1	1	25	43	.1	2	3	609	3.15	2	5	ND	2	4	1
C 51125	1	4	47	48	.1	2	2	255	1.03	2	5	ND	1	2	1
C 51126	1	30	29	28	.2	16	10	878	4.81	7	5	ND	9	40	1
C 51127	1	32	18	22	.2	14	10	414	3.02	10	5	ND	5	11	1
C 51128	1	40	14	18	.2	11	6	467	2.72	2	5	ND	7	9	1
C 51129	1	37	7	5	1.6	7	4	92	1.75	2	5	16	2	5	1
STD C/AU-R	20	60	40	132	7.4	72	29	1072	4.06	41	20	8	40	52	19

SAMPLE#	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
C 51108	2	2	2	.02	.006	2	1	.01	10	.01	2	.10	.01	.04	2	159
C 51109	2	2	30	.02	.016	3	3	.02	12	.01	8	.17	.01	.06	1	1465
C 51110	2	2	9	.04	.034	12	3	.03	40	.01	6	.24	.01	.10	1	1220
C 51111	2	2	3	.01	.011	5	3	.01	32	.01	11	.10	.01	.06	1	111
C 51114	2	2	5	.14	.013	2	2	.01	10	.01	10	.08	.01	.05	1	1735
C 51119	2	2	9	.01	.034	4	4	.01	24	.01	7	.16	.01	.10	1	6230
C 51120	2	2	2	.01	.018	5	1	.01	17	.01	2	.13	.01	.06	1	42
C 51122	2	2	11	.01	.024	2	2	.04	27	.01	2	.21	.01	.04	1	32
C 51123	2	2	6	.01	.020	4	3	.02	17	.01	4	.18	.01	.05	1	4
C 51125	2	2	1	.01	.006	2	2	.01	5	.01	8	.08	.01	.04	1	325
C 51126	2	2	18	.05	.060	27	17	.46	60	.04	3	1.21	.01	.54	1	35
C 51127	2	2	18	.14	.073	16	13	.54	40	.04	3	1.02	.01	.40	1	31
C 51128	2	2	11	.04	.030	18	11	.33	20	.02	5	.70	.01	.19	1	380
C 51129	2	3	1	.01	.012	5	3	.01	9	.01	2	.08	.01	.05	1	22750
STD C/AU-R	17	20	59	.48	.090	39	63	.90	180	.07	34	1.87	.06	.14	13	485

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS 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. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOLUTION

DATE RECEIVED: OCT 16 1987 DATE REPORT MAILED: Oct 26/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

ROSSBACHER LABORATORY PROJECT-CERT # 87677 File # 87-4892 TERRA MINES

	SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
ECHO TRAV	46599	4	9	159	396	2.3	7	16	1313	6.40	38	5	ND	4	6	4	3	2	18	.03	.023	5	244	.05	36	.01	2	.24	.01	.07	1
	47825	1	33	14	5	.4	6	2	44	1.86	5	5	ND	3	1	1	2	2	2	.01	.003	5	126	.01	19	.01	2	.07	.01	.07	3
	47826	2	65	15	5	.6	8	5	38	3.52	6	5	ND	3	1	1	2	2	1	.01	.006	5	73	.01	19	.01	2	.05	.01	.06	2
BLUE STONE	47827	1	19	13	6	.1	6	3	265	2.01	4	5	ND	9	2	1	3	2	1	.02	.011	10	67	.06	19	.01	2	.11	.01	.06	1
	47829	2	15	15	1	.1	6	3	48	1.93	7	5	ND	3	1	1	2	2	1	.01	.003	4	100	.01	6	.01	2	.01	.01	.02	2
	47832	2	52	22	3	.8	22	6	31	4.45	4	5	ND	6	1	1	2	2	1	.01	.006	7	64	.01	32	.01	2	.11	.01	.10	3
	47833	3	42	17	4	.6	15	7	77	3.46	5	5	ND	4	1	1	2	2	1	.01	.010	6	71	.01	25	.01	2	.08	.01	.07	1
	47834	1	24	11	4	.8	9	5	83	2.48	5	5	8	4	1	1	2	2	1	.01	.005	6	118	.01	23	.01	2	.08	.01	.07	2
	47851	3	148	36	61	.5	23	12	1195	3.25	2	5	ND	5	4	1	2	3	3	.08	.029	9	75	.19	21	.01	2	.21	.01	.13	1
ECHO TRAV	51104	1	2	210	146	.3	3	4	745	3.05	9	5	ND	3	3	2	2	2	6	.01	.025	7	109	.01	46	.01	5	.14	.01	.11	1
	51112	2	31	37738✓	2138	45.2	3	4	534	2.39	7	5	ND	1	9	7	11	2	1	.01	.020	3	126	.01	12	.01	4	.09	.01	.06	1
	51113	1	25	26456✓	1456	29.4	3	4	670	2.33	7	5	ND	1	5	6	4	2	1	.01	.011	2	122	.01	14	.01	3	.08	.01	.06	1
ST	51115	3	24	3096	1556	3.3	4	15	2595	7.94	35	5	ND	2	7	19	6	2	12	.02	.040	6	76	.08	55	.01	4	.19	.01	.13	1
ELMO	51116	2	24	4042	1483	3.2	4	13	2368	7.54	46	5	ND	3	7	17	4	2	10	.02	.034	7	80	.08	48	.01	4	.21	.01	.14	1
DUMP	51117	2	51	13312	10414	25.9	3	5	449	2.42	12	5	12	1	6	19	4	4	2	.07	.016	3	122	.01	11	.01	2	.06	.01	.04	1
	51118	2	61	1101	484	4.0	4	4	618	3.35	61	5	ND	2	4	3	2	2	11	.01	.019	5	123	.02	25	.01	4	.13	.01	.08	1
	51121	3	8	211	211	.5	6	11	2370	7.60	3	5	ND	3	5	1	3	3	20	.01	.046	6	117	.05	38	.01	6	.37	.01	.07	2
	51124	1	2	48	105	.1	5	9	1201	4.32	5	5	ND	16	5	1	2	2	6	.01	.048	37	70	.03	45	.01	4	.41	.01	.20	2
	51130	3	101	41	173	5.0	17	9	100	3.62	2	5	51	5	4	1	2	87	3	.01	.020	10	109	.02	21	.01	6	.16	.01	.11	2
	51131	4	214	179	50	3.5	37	19	72	5.00	2	5	22	4	4	1	2	42	4	.01	.024	8	100	.02	22	.01	2	.17	.01	.12	3
BLSTONE	51132	3	137	242	4520	4.5	18	9	156	4.04	3	5	35	2	2	56	2	59	2	.01	.009	7	130	.03	14	.01	2	.12	.01	.09	1
	51189	3	83	20	47	.8	20	11	535	5.53	3	5	2	6	10	2	2	6	19	.26	.128	12	86	.62	55	.06	2	1.11	.01	.58	1
	51192	2	169	323	16	10.2	12	6	52	3.68	4	5	132	4	6	1	2	575	7	.01	.011	8	143	.02	21	.01	2	.17	.01	.15	3
	51195	3	155	551	18	7.0	17	9	45	3.10	2	5	40	8	6	1	2	76	5	.06	.016	17	95	.04	41	.01	7	.31	.01	.21	2
	51197	4	120	1349	260	25.4	57	28	158	8.67	2	5	31	6	5	3	2	121	4	.01	.043	9	107	.03	23	.01	5	.22	.01	.12	1
	51200	3	173	56	118	1.3	27	14	1159	4.76	2	5	6	7	4	1	2	14	8	.11	.048	14	94	.31	48	.01	16	.52	.01	.25	1
	STD C	20	58	37	131	7.2	68	28	1048	3.94	42	21	7	40	51	17	17	23	60	.46	.086	38	61	.85	179	.08	38	1.90	.06	.13	12

✓ ASSAY REQUIRED FOR CORRECT RESULT -

Received Nov. 7/87

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Received NOV. 14/87

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS 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. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Rock Chips AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 29 1987 DATE REPORT MAILED: Nov 9 /87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-5269

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
C 46765	1	6	2	8	.3	1	1	141	.57	4	5	ND	1	5	1	2	2	3	.04	.006	2	1	.08	13	.01	2	.20	.02	.05	1	2
C 46766	1	10	105	92	.5	3	6	883	2.95	38	5	ND	7	7	1	2	2	10	.08	.035	16	1	.07	31	.01	4	.44	.02	.16	3	16
C 46767	1	9	8	50	.2	3	7	1249	3.48	8	5	ND	7	12	1	2	2	27	.04	.022	13	2	.09	59	.01	2	.50	.01	.10	3	6
C 46768	1	3	4	47	.3	2	5	963	3.41	5	5	ND	4	4	1	2	2	10	.02	.021	6	1	.03	44	.01	4	.20	.01	.06	4	1
C 46770	1	5	4	61	.2	3	5	1285	4.46	3	5	ND	2	4	1	2	2	13	.02	.023	5	2	.05	60	.01	3	.23	.01	.06	2	1
C 46771	1	3	3	27	.3	2	4	558	2.34	2	5	ND	6	6	1	2	2	7	.05	.031	12	1	.04	27	.01	6	.31	.02	.10	3	2
C 46772	1	6	16	43	.3	3	4	1068	3.26	3	5	ND	3	22	1	2	2	20	.04	.017	4	2	.08	45	.01	3	.37	.02	.06	3	1
C 46773	1	3	6	33	.4	2	7	953	3.10	9	5	ND	13	5	1	2	2	17	.01	.018	27	1	.04	66	.01	4	.41	.01	.13	2	6
C 46774	1	5	10	68	.6	4	9	1407	5.69	10	5	ND	12	8	1	2	2	32	.01	.028	24	1	.03	95	.01	8	.43	.01	.15	2	9
C 46775	1	4	11	60	.1	3	8	1482	4.90	5	5	ND	4	11	1	2	2	34	.01	.025	8	1	.04	76	.01	3	.34	.01	.07	1	3
C 46776	1	9	33	64	.4	3	6	997	2.94	37	5	ND	9	11	1	2	2	9	.13	.044	17	2	.17	47	.01	3	.56	.02	.14	1	92
C 46777	1	29	392	171	3.0	2	5	359	2.70	180	5	3	4	5	1	2	2	9	.05	.022	6	1	.14	22	.01	2	.48	.01	.11	2	4225
STD C/AU-R	19	57	37	134	7.6	68	28	1054	4.22	40	19	7	40	51	18	17	19	58	.51	.089	38	61	.89	180	.08	32	1.93	.08	.16	12	480

BAYONNE TRENCHES

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS 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. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Rock Chips AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 21 1987 DATE REPORT MAILED: Oct 28/87 ASSAYER. .... DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-5080

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
C 46746	1	17	18	37	.1	2	1	106	.61	2	5	ND	1	4	1	2	2	1	.01	.004	2	1	.01	3	.01	5	.03	.01	.01	2	590
C 46747	2	582	25559	2096	26.5	2	3	42	5.83	106	5	24	1	9	20	8	2	3	.01	.024	5	1	.01	9	.01	3	.14	.01	.07	1	52600
C 46748	1	97	11585	1399	28.7	3	4	52	6.31	75	5	63	1	5	15	4	3	2	.01	.009	2	1	.01	5	.01	3	.06	.01	.05	106	109700
C 46749	4	1224	30769	8072	38.4	3	6	154	6.06	126	5	21	1	13	81	8	3	2	.04	.012	2	1	.01	5	.01	5	.07	.01	.02	655	28600
C 46750	2	481	17241	2605	27.6	3	3	142	4.78	86	5	31	1	8	22	6	2	2	.03	.014	2	2	.01	6	.01	6	.08	.01	.04	134	27400
C 46751	3	877	29882	4812	98.1	3	4	129	7.53	123	5	193	1	28	54	10	2	2	.30	.022	3	1	.08	7	.01	3	.11	.02	.06	163	219800
C 46752	2	542	27769	3380	122.9	2	4	57	7.26	127	5	218	1	13	36	15	5	1	.01	.008	2	1	.01	4	.01	4	.05	.01	.05	74	80600
C 46753	1	293	19638	384	94.2	4	2	24	4.16	39	5	222	1	9	4	2	3	1	.03	.009	2	4	.01	3	.01	4	.05	.01	.04	736	162600
C 46754	4	775	5199	5480	5.3	2	1	261	1.98	25	5	6	1	9	64	2	2	1	.19	.010	2	1	.02	4	.01	3	.05	.01	.02	509	4470
C 46755	1	162	3909	187	4.4	2	1	177	1.23	10	5	6	1	11	1	2	2	1	.36	.010	2	1	.04	4	.01	2	.05	.02	.04	223	8710
C 46756	1	41	93	78	.7	2	1	132	.84	7	5	2	2	5	1	2	2	2	.02	.008	3	1	.01	5	.01	3	.05	.01	.03	3	3040
C 46757	1	45	56	70	.2	3	2	58	1.22	11	5	ND	2	4	1	2	2	2	.01	.007	5	2	.01	4	.01	2	.06	.01	.05	1	510
C 46758	1	64	66	159	.3	3	1	119	1.62	9	5	ND	1	10	1	2	2	1	.01	.008	2	1	.01	3	.01	2	.03	.01	.02	5	4930
C 46759	2	349	20621	3236	14.0	1	2	40	3.23	38	5	11	1	9	32	2	2	2	.03	.011	2	1	.01	4	.01	2	.05	.01	.03	996	43400
C 46760	1	170	6804	1233	6.0	2	3	206	3.06	30	5	5	2	13	11	2	2	2	.14	.016	3	1	.04	6	.01	6	.07	.01	.06	4	6140
C 46761	4	806	17994	8539	18.7	2	6	352	6.23	126	5	10	3	45	94	7	2	3	.78	.030	5	1	.19	10	.01	2	.14	.03	.10	6	60200
C 46762	1	13	122	201	.3	6	7	1252	4.85	3	5	ND	13	16	1	2	2	6	.34	.114	29	1	.06	40	.01	4	.51	.04	.19	1	74
C 46763	1	442	7126	593	21.0	2	4	145	7.61	63	5	30	2	6	2	6	3	7	.01	.035	2	1	.02	7	.01	2	.10	.01	.05	20	25800
C 46764	3	379	11082	4976	15.6	2	2	45	3.11	61	5	22	1	9	56	2	2	1	.04	.008	2	8	.01	4	.01	2	.05	.01	.02	30	52300
C 47626	1	129	705	234	6.8	3	3	610	2.60	15	5	21	3	5	1	4	2	9	.02	.019	2	5	.02	7	.01	2	.10	.01	.04	686	29500
C 47627	1	34	654	147	.3	2	1	46	.98	4	5	ND	1	3	1	2	2	1	.01	.006	2	2	.01	2	.01	3	.03	.01	.01	1	6040
C 47628	1	122	8985	418	14.7	1	2	46	6.36	240	5	10	6	7	1	5	2	4	.01	.069	13	1	.01	15	.01	4	.26	.01	.14	7	23200
C 47629	1	224	16540	785	23.4	2	2	140	8.50	228	5	23	1	7	2	8	3	9	.01	.039	2	1	.01	8	.01	3	.08	.01	.06	22	16100
C 47630	1	272	3449	243	3.0	1	1	54	2.04	35	5	6	10	7	1	2	2	6	.02	.053	29	2	.03	19	.01	3	.35	.01	.15	1	7730
C 47631	1	303	571	157	16.4	2	2	29	2.99	31	5	28	2	5	1	2	3	2	.01	.012	2	1	.01	2	.01	2	.04	.01	.03	1	61505
C 47632	1	154	479	120	20.6	1	2	40	3.56	35	5	45	1	6	1	2	2	2	.01	.008	2	1	.01	3	.01	2	.04	.01	.02	2	35700
C 47633	1	93	606	61	9.7	1	1	33	1.47	31	5	11	1	6	1	2	3	1	.01	.006	2	1	.01	2	.01	2	.02	.01	.01	1	41100
STD C/AU-R	18	57	41	132	7.1	67	27	1037	4.04	41	15	7	39	51	18	18	20	57	.48	.087	38	55	.85	180	.08	35	1.86	.08	.13	14	500

MAGGIE AIKENS

- ASSAY REQUIRED FOR CORRECT RESULT for Pb > 10,000 ppm

Received Nov. 3/87

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB	
C 47603	1	20	70	30	.6	3	2	149	.96	4	5	ND	1	18	1	3	2	1	.01	.004	2	3	.01	487	.01	6	.03	.01	.01	3	1940	MAYFLOWER
C 47604	1	8	11	43	.2	4	7	752	2.91	2	5	ND	11	9	1	2	2	9	.15	.069	20	3	.11	52	.01	11	.58	.03	.20	2	2	BAY TRENCH
C 47976	1	10	4	1	.1	5	1	40	.44	2	5	ND	1	6	1	2	2	2	.26	.102	2	2	.08	16	.01	6	.22	.02	.08	1	1	BLUEBIRD.
C 47981	1	61	9	11	.5	3	3	301	1.18	2	5	ND	2	5	1	2	2	5	.02	.018	4	1	.02	21	.01	12	.19	.01	.05	2	1280	
C 47982	1	10	8	7	.1	5	1	133	1.42	4	5	ND	1	3	1	2	2	1	.01	.005	2	6	.01	4	.01	12	.06	.01	.02	20	70	
C 47983	1	6	9	25	.5	2	1	38	.80	11	6	ND	1	2	1	2	2	1	.01	.006	2	2	.01	9	.01	4	.11	.01	.07	3	350	
C 47984	1	18	33	11	.5	1	1	22	.57	3	5	ND	1	6	1	2	2	1	.01	.002	2	2	.01	1	.01	12	.01	.01	.01	2	495	
C 47985	1	62	356	259	2.8	2	1	43	1.50	23	5	5	1	3	1	2	2	1	.01	.007	2	1	.01	3	.01	7	.03	.01	.02	2	21710	
STD C/AU-R	19	62	40	128	7.5	69	28	1055	4.13	38	19	7	40	51	18	18	21	59	.47	.089	38	61	.86	182	.08	37	1.88	.06	.13	12	510	

Received Nov 4/87
JE

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE (604)253-3158 FAX (604)253-1716

RECEIVED Oct 17/87

PLOTTED

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-2 ROCK P3-SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 5 1987 DATE REPORT MAILED: Oct 15/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-4679 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
C 46600	1	26	591	125	2.4	1	1	84	.99	11	5	ND	1	9	1	2	2	10	.07	.007	2	3	.01	5	.01	3	.06	.01	.03	1	1030
C 46725	3	330	3856	1818	14.6	1	5	443	2.10	2	5	ND	1	19	13	9	2	1	.21	.011	2	1	.05	7	.01	3	.08	.01	.04	1	3020
C 46726	8	2127	34871	4586	145.0	3	5	158	1.56	2	5	ND	1	7	42	94	3	1	.03	.009	2	2	.01	7	.01	3	.07	.01	.04	6	3270
C 46727	13	1795	5625	1857	130.3	1	7	192	14.74	270	5	49	2	2	4	163	2	6	.01	.026	2	2	.02	8	.01	4	.22	.01	.04	4	13780
C 46728	21	3782	15465	2396	144.4	2	12	217	19.73	602	5	27	1	8	11	133	2	7	.01	.025	2	1	.02	6	.01	2	.13	.01	.04	9	28400
C 46729	1	27	133	44	1.2	3	3	275	1.55	3	5	ND	2	4	1	2	2	2	.02	.013	7	3	.01	19	.01	4	.16	.01	.07	1	210
STD C/AU-R	20	59	39	134	7.4	67	29	1048	4.07	39	21	8	39	51	19	17	19	57	.50	.089	38	61	.92	176	.06	35	1.86	.06	.13	13	480
C 46730	1	38	236	56	1.4	3	2	221	1.22	4	5	ND	1	3	1	2	2	1	.02	.004	2	3	.01	7	.01	4	.06	.01	.01	1	130
C 46731	4	398	886	997	4.0	5	27	156	13.51	637	5	5	3	4	18	2	3	16	.01	.017	5	5	.02	10	.01	11	.09	.01	.06	3	4930
C 46732	8	366	1605	811	29.1	3	9	301	6.87	466	5	22	4	6	3	136	96	5	.01	.026	8	4	.03	12	.01	6	.24	.01	.07	2	28200
C 46733	1	87	694	309	4.6	2	7	153	3.94	132	5	3	5	10	1	3	2	3	.02	.038	18	4	.01	22	.01	7	.24	.01	.14	1	3510
C 46734	1	52	754	157	14.8	2	3	70	3.46	243	5	16	4	5	1	2	2	2	.01	.018	20	3	.01	16	.01	5	.22	.01	.12	1	13620
C 46735	1	19	259	399	.5	4	5	560	2.14	10	5	ND	4	10	3	2	2	7	.11	.038	11	3	.30	37	.01	3	.68	.01	.10	1	670
C 46736	2	172	95	747	2.5	6	10	1098	4.70	48	5	ND	5	14	7	2	2	4	.07	.038	15	4	.04	55	.01	5	.29	.01	.12	1	310
C 46737	2	156	877	113	31.8	3	2	90	2.50	205	5	15	1	1	1	5	2	1	.01	.003	3	3	.01	5	.01	6	.09	.01	.05	1	21400
C 46738	14	1676	33704	11688	120.3	6	5	65	1.93	82	5	8	1	8	102	108	24	1	.01	.002	2	2	.01	4	.01	3	.02	.01	.01	2	4300
C 46739	1	735	1562	143	33.8	2	1	79	1.06	69	5	13	1	1	1	5	10	1	.01	.003	2	3	.01	4	.01	2	.03	.01	.01	1	15760
C 46740	2	1272	1890	616	145.6	2	5	108	9.77	101	5	ND	1	1	1	607	7	1	.01	.009	2	3	.01	4	.01	4	.07	.01	.03	2	1340
C 46741	10	732	2081	8364	9.0	9	36	2970	10.99	17	5	3	1	5	53	2	6	10	.01	.017	8	2	.07	27	.01	2	.15	.01	.09	4	4600
C 46742	3	215	37307	240	42.0	2	2	63	.99	50	5	5	1	3	3	27	11	1	.01	.001	2	2	.01	3	.01	3	.01	.01	.01	1	4210
C 46743	2	234	782	1007	12.1	3	6	242	4.82	26	5	3	1	2	2	12	2	3	.01	.019	3	3	.02	15	.01	3	.18	.01	.07	1	3240
C 46744	2	46	9140	347	19.6	1	4	78	2.96	68	5	2	1	3	1	7	6	2	.01	.008	7	3	.01	8	.01	8	.12	.01	.06	1	2310
C 46745	1	11	175	27	.4	4	1	154	.65	2	5	ND	1	1	1	2	2	1	.01	.001	2	5	.01	1	.01	2	.01	.01	.01	1	83
C 47601	1	5	95	42	.2	3	6	967	3.60	6	5	ND	3	228	1	2	2	4	5.06	.039	8	2	.22	23	.01	2	.20	.01	.11	1	48
C 47602	4	445	34429	892	78.2	1	2	73	3.71	43	5	ND	1	39	4	38	2	1	.02	.010	2	3	.01	32	.01	5	.25	.01	.12	1	1170
C 47974	1	22	888	71	1.7	3	1	150	.77	21	5	ND	1	7	1	2	3	2	.03	.010	3	4	.01	11	.01	2	.12	.01	.06	41	1620
C 47975	2	18	1435	963	2.4	6	6	143	3.54	52	5	ND	7	4	1	3	2	6	.01	.031	17	8	.02	17	.01	5	.31	.01	.15	1	530
C 47977	1	13	106	90	.4	2	2	365	1.51	18	5	ND	1	4	1	2	2	1	.01	.015	5	3	.02	7	.01	5	.14	.01	.07	1	21
C 47978	3	12	69	24	.1	5	2	194	.98	2	5	ND	4	6	1	2	3	1	.23	.014	7	4	.18	9	.01	2	.18	.03	.01	1	4
C 47979	1	7	28	11	.1	4	2	86	1.14	2	5	ND	4	6	1	2	4	6	.03	.022	8	8	.18	24	.02	6	.32	.03	.16	1	1
C 47980	2	10	37	20	.2	3	2	161	.75	2	5	ND	2	2	1	2	3	4	.10	.006	6	9	.18	9	.01	2	.27	.03	.06	1	30
C 51101	1	9	41	245	.1	4	10	1168	4.89	8	5	ND	1	3	3	3	2	15	.01	.029	4	4	.03	49	.01	4	.17	.01	.06	1	1
C 51102	1	20	2392	153	1.9	3	5	440	2.08	10	5	ND	1	3	1	2	2	31	.01	.029	5	5	.02	27	.01	4	.15	.01	.07	1	168
C 51103	1	12	169	149	.3	3	6	616	3.29	21	5	ND	1	2	2	2	2	4	.01	.017	2	4	.02	31	.01	4	.09	.01	.03	1	1480
C 51105	2	38	1146	601	5.1	6	13	755	4.25	93	5	3	4	10	2	2	2	17	.08	.041	13	6	.02	27	.01	8	.29	.02	.14	3	2270
C 51106	2	243	3475	401	55.9	3	3	82	4.08	522	5	68	1	1	1	48	2	1	.01	.019	2	5	.01	3	.01	2	.05	.01	.01	2	179900
C 51107	2	12	81	96	.3	7	11	1857	6.52	29	5	ND	7	5	1	2	2	10	.02	.057	23	10	.04	160	.01	7	.55	.01	.26	1	1000

- ASSAY REQUIRED FOR CORRECT RESULT for Pb>10,000 ppm

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-ROCK P2-SLUDGE P3-CORE/ROCK

DATE RECEIVED: AUG 6 1987 DATE REPORT MAILED: Aug 15/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-3028 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU OZ/T
C-46501	1	21	15	69	.1	6	6	519	2.15	2	5	ND	6	32	1	2	2	25	.37	.052	14	9	.62	50	.06	2	1.31	.04	.23	1	.001
C-46502	1	13	37	32	.2	2	2	421	1.36	15	5	ND	1	7	1	2	2	7	.04	.008	3	1	.03	32	.01	7	.14	.02	.07	5	.001
C-46503	1	25	205	82	4.1	2	4	70	2.99	59	5	ND	2	3	1	2	2	3	.03	.007	9	1	.03	14	.01	14	.14	.01	.09	1	.007
C-46504	1	6	16	50	.1	5	6	392	2.11	3	5	ND	4	41	1	2	2	25	.43	.053	10	8	.64	48	.10	9	1.33	.05	.27	1	.001
C-46505	1	3	14	59	.2	5	4	358	1.72	2	5	ND	4	46	1	2	2	23	.49	.038	11	7	.55	36	.09	2	1.21	.07	.18	1	.001
C-46506	1	5	7	13	.1	3	2	140	.88	2	5	ND	1	26	1	2	2	9	.13	.012	2	2	.19	48	.06	16	.49	.06	.21	2	.001
C-46702	1	19	910	22	1.4	15	5	274	1.26	4	8	ND	4	7	1	2	4	5	.09	.015	17	8	.25	20	.02	2	.56	.02	.10	2	.001
C-46703	1	12	23	9	.2	7	4	134	1.15	2	5	ND	2	7	1	2	3	3	.08	.009	4	8	.09	15	.01	22	.29	.02	.07	1	.001
C-46704	1	5	16	22	.1	4	3	897	1.64	3	5	ND	2	68	1	2	2	3	.10	.036	5	3	.22	2813	.02	2	.22	.01	.07	2	.001
C-46705	1	35	5	13	.2	7	2	166	.88	2	5	ND	3	4	1	2	2	3	.04	.020	12	3	.15	18	.01	2	.30	.01	.04	1	.001
C-46706	1	5	3	1	.1	2	1	77	.37	2	5	ND	1	1	1	2	2	1	.01	.003	2	4	.01	44	.01	2	.01	.01	.01	1	.001
C-46707	1	17	4	3	.1	3	1	88	1.22	2	11	ND	1	46	1	2	2	2	.14	.077	4	3	.04	19	.01	2	.12	.01	.05	1	.001
C-46708	1	44	33	20	.1	14	5	292	2.74	22	5	ND	2	6	1	2	2	7	.01	.031	6	7	.22	29	.02	2	.49	.01	.14	1	.001
C-46709	1	7	4	3	.1	5	1	129	.87	2	5	ND	1	2	1	2	2	1	.01	.006	2	7	.02	5	.01	2	.07	.01	.02	1	.001
C-46710	1	99	891	53	10.6	2	1	57	1.52	96	5	ND	5	38	1	3	16	2	.01	.020	12	2	.01	27	.01	3	.19	.01	.14	1	.002
C-46711	1	31	149	15	2.3	2	1	76	.77	19	6	ND	1	3	1	2	7	1	.01	.002	2	5	.01	8	.01	2	.06	.01	.05	1	.051
C-46712	1	14	201	16	3.0	2	1	34	.59	24	5	ND	1	3	1	2	6	1	.01	.004	2	5	.01	4	.01	2	.02	.01	.02	1	.030
C-46713	1	130	660	99	4.5	3	1	75	2.19	61	5	ND	1	3	1	8	7	4	.01	.013	2	3	.01	12	.01	2	.11	.01	.06	1	.028
C-46913	1	7	13	15	.1	8	2	129	.91	4	5	ND	2	2	1	2	2	4	.03	.013	5	9	.17	14	.02	2	.39	.01	.13	2	.001
C-46914	1	25	13	6	.1	7	2	223	1.24	4	5	ND	1	2	1	2	2	3	.01	.012	2	5	.02	8	.01	2	.09	.01	.02	1	.001
C-47401	1	12	13	56	.3	5	8	656	2.75	3	6	ND	6	24	1	3	2	23	.32	.086	12	5	.57	76	.06	3	1.15	.03	.32	1	.001
C-47402	1	4	10	46	.1	5	5	903	1.95	3	5	ND	7	13	1	2	2	13	.24	.066	16	5	.23	117	.01	4	.76	.03	.31	1	.001
C-47403	1	3	16	53	.2	4	7	806	2.88	7	5	ND	9	14	1	2	2	12	.21	.072	18	2	.15	58	.01	2	.60	.02	.24	1	.001
C-47404	1	14	182	210	.5	4	6	769	2.62	22	5	ND	12	8	1	2	2	5	.10	.056	25	3	.04	55	.01	3	.52	.01	.22	1	.003
C-47405	1	15	368	206	1.5	3	3	258	2.00	34	5	ND	4	4	1	2	2	3	.04	.029	8	1	.01	23	.01	3	.21	.01	.12	1	.067
C-47407	1	8	52	87	.1	4	6	561	2.78	19	5	ND	5	5	1	2	2	8	.03	.031	13	5	.03	33	.01	3	.31	.01	.16	1	.007
STD C	19	60	43	132	7.6	73	29	1021	3.98	40	21	8	39	52	20	18	22	60	.48	.094	39	60	.89	180	.09	36	1.85	.06	.15	12	-

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS 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. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Rock Chips AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 13 1987 DATE REPORT MAILED: Nov 23/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-5665 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
C 47501	1	13	83	66	.2	2	9	1270	4.09	44	5	ND	4	4	1	2	2	19	.02	.032	8	3	.05	56	.01	2	.32	.01	.09	1	480
C 47502	1	10	180	174	.1	4	7	1222	3.63	41	5	ND	6	4	1	2	2	12	.03	.025	16	3	.05	37	.01	2	.35	.02	.14	1	310
C 47503	1	9	320	102	.3	3	11	1545	4.96	51	5	ND	4	5	1	2	2	21	.03	.036	8	3	.06	41	.01	3	.37	.01	.13	1	84
C 47504	1	7	386	56	1.4	3	10	910	3.30	65	6	ND	4	4	1	2	3	14	.01	.021	10	3	.04	36	.01	2	.28	.01	.09	1	660
C 47505	1	6	79	34	.6	2	5	910	2.74	28	5	ND	4	5	1	2	2	5	.04	.030	10	1	.03	29	.01	5	.24	.01	.11	1	82
C 47506	1	6	38	52	.4	2	7	1358	3.66	13	5	ND	6	5	1	2	2	9	.05	.047	17	1	.05	35	.01	4	.34	.01	.16	1	12
C 47507	1	7	73	41	.3	3	5	767	2.32	34	5	ND	3	4	1	2	2	2	.03	.028	9	2	.02	27	.01	2	.20	.01	.09	2	105
C 47508	1	7	327	53	1.9	4	11	981	3.53	78	5	2	4	4	1	2	3	13	.01	.026	9	2	.03	34	.01	7	.27	.01	.08	1	2350
C 47509	1	7	27	55	.1	2	8	1570	4.33	38	5	ND	3	4	1	2	2	11	.02	.034	9	2	.05	38	.01	2	.27	.01	.09	1	56
C 47510	1	6	23	62	.1	3	8	1351	4.17	33	5	ND	2	4	1	2	2	16	.01	.032	7	1	.04	53	.01	2	.24	.01	.06	1	53
C 47511	1	8	9	34	.2	3	7	1007	2.92	41	5	ND	4	4	1	2	2	4	.02	.028	9	2	.03	25	.01	2	.19	.01	.09	2	43
C 47512	1	6	127	78	.2	3	11	1243	4.00	67	8	ND	3	4	1	2	2	12	.01	.026	9	2	.04	35	.01	2	.27	.01	.08	1	57
C 47513	1	7	92	41	.1	3	5	899	2.66	20	5	ND	2	3	1	2	2	12	.01	.016	4	2	.03	25	.01	3	.26	.01	.09	1	89
C 47689	1	7	24	49	.1	4	11	1208	3.53	59	5	ND	4	6	1	2	2	11	.02	.024	12	1	.08	140	.01	3	.42	.01	.10	1	74
C 47690	1	5	25	36	.1	3	8	797	2.88	46	5	ND	5	4	1	2	2	10	.01	.022	15	3	.06	49	.01	3	.38	.01	.11	1	81
C 47691	1	5	17	28	.1	5	8	696	2.24	38	5	ND	8	5	1	2	2	8	.02	.025	24	3	.04	51	.01	5	.40	.01	.19	1	143
C 47692	1	7	45	43	.1	4	9	679	2.82	50	5	ND	4	5	1	2	2	7	.02	.021	12	2	.12	47	.01	3	.49	.01	.12	1	210
C 47693	1	2	12	42	.1	4	6	1310	2.81	14	5	ND	4	4	1	2	2	11	.01	.022	8	2	.10	81	.01	5	.49	.01	.11	1	18
C 47694	1	6	7	34	.1	3	6	776	2.53	27	5	ND	4	5	1	2	2	8	.01	.024	9	3	.04	55	.01	5	.28	.01	.12	1	34
C 47695	1	3	20	51	.1	1	9	1128	3.49	37	5	ND	3	3	1	2	2	21	.01	.025	9	1	.03	32	.01	3	.26	.01	.08	1	80
C 47696	1	6	72	69	.1	3	9	1414	4.25	26	5	ND	2	6	1	2	2	18	.03	.030	8	3	.10	61	.01	2	.46	.01	.09	1	82
C 47697	1	6	11	59	.1	3	8	1455	4.19	30	5	ND	3	5	1	3	2	21	.01	.033	7	2	.06	48	.01	3	.29	.01	.08	1	73
C 47698	1	7	136	54	.1	3	7	1067	3.11	25	5	ND	4	4	1	4	2	11	.02	.030	12	2	.04	41	.01	4	.28	.01	.10	1	750
C 47699	1	7	192	45	.2	4	10	1221	3.78	54	5	ND	3	5	1	2	2	11	.02	.030	9	2	.07	42	.01	5	.34	.01	.10	1	240
C 47700	1	8	155	49	.3	4	8	1361	3.96	39	5	ND	4	4	1	2	2	10	.01	.028	11	2	.05	37	.01	4	.25	.01	.11	1	117
C 48426	1	4	8	58	.1	3	5	1375	3.76	14	5	ND	2	4	1	2	2	17	.01	.029	6	2	.03	55	.01	3	.20	.01	.06	1	1
C 48427	1	6	17	69	.1	4	10	1668	4.60	28	5	ND	6	5	1	2	2	19	.01	.041	17	2	.06	55	.01	3	.38	.01	.11	1	22
C 48428	1	2	9	22	.1	1	3	594	1.54	9	5	ND	1	2	1	2	2	7	.01	.013	6	1	.02	23	.01	2	.13	.01	.05	1	1
C 48429	1	6	14	120	.1	4	12	2242	6.84	9	5	ND	4	10	1	2	2	6	.08	.056	12	1	.08	47	.01	2	.26	.01	.11	1	8
C 48430	1	5	14	58	.2	2	8	1160	3.53	23	5	ND	5	7	1	2	2	6	.06	.040	13	1	.05	39	.01	2	.31	.01	.12	1	11
C 48431	1	9	19	111	.1	6	15	2264	6.84	66	5	ND	6	9	1	2	2	10	.07	.049	15	2	.09	69	.01	3	.43	.01	.14	1	23
C 48432	1	5	6	44	.1	3	6	1186	3.23	14	5	ND	3	5	1	2	2	15	.02	.029	9	1	.07	59	.01	2	.32	.01	.08	1	1
C 48433	1	6	19	128	.1	6	14	2015	6.48	31	5	ND	7	8	1	2	2	9	.08	.065	20	3	.07	59	.01	4	.37	.01	.14	1	19
C 48434	1	8	32	37	.1	5	8	993	3.14	76	5	ND	4	4	1	3	2	6	.01	.027	13	2	.03	31	.01	4	.18	.01	.09	1	79
C 48435	1	8	4	49	.2	3	9	1210	3.85	54	5	ND	6	6	1	2	2	5	.02	.046	17	1	.04	36	.01	3	.24	.01	.13	1	24
C 48436	1	9	44	66	.1	4	11	1216	3.95	73	5	ND	5	5	1	2	2	9	.01	.032	18	4	.04	37	.01	2	.27	.01	.12	1	55
STD C/AU-R	20	63	42	132	7.4	73	30	1117	4.08	41	22	8	40	52	19	18	23	61	.50	.094	42	59	.95	183	.07	34	1.92	.07	.14	11	480

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
C 47683	1	3	14	43	.6	4	7	995	3.62	23	5	ND	12	6	1	2	2	8	.11	.061	24	3	.04	33	.01	5	.47	.02	.20	3	50
C 47684	1	3	20	35	.3	2	4	637	2.02	13	5	ND	4	8	1	2	2	8	.07	.029	8	2	.07	31	.01	4	.42	.02	.09	1	156
C 47685	1	6	25	37	.2	4	4	740	2.44	18	5	ND	4	9	1	2	3	9	.05	.020	5	4	.05	32	.01	4	.35	.02	.10	2	33
C 47686	1	4	15	42	.2	4	5	1127	3.70	16	5	ND	9	5	1	2	2	14	.03	.031	17	4	.06	46	.01	4	.47	.01	.14	3	74
C 47687	1	6	98	39	.5	4	6	634	2.43	46	5	ND	6	6	1	2	3	9	.04	.023	10	3	.05	38	.01	4	.48	.01	.14	3	139
C 47688	1	5	19	46	.3	4	7	965	2.85	30	5	ND	7	6	1	2	2	12	.04	.028	16	4	.08	76	.01	4	.59	.01	.15	3	49
C 47853	1	6	6	5	.2	4	3	726	2.02	6	5	ND	12	6	1	2	2	3	.01	.015	19	4	.02	24	.01	2	.19	.01	.10	1	28
C 47854	1	9	11	7	.5	6	5	1211	2.12	5	5	ND	8	5	1	2	2	3	.01	.013	13	6	.04	26	.01	3	.21	.01	.07	1	315
C 47855	1	6	5	14	.1	9	3	443	1.14	2	5	ND	10	4	1	2	2	4	.02	.008	17	6	.07	41	.01	2	.37	.01	.18	1	6
STD C/AU-R	19	58	36	128	7.0	66	26	1001	3.94	40	21	7	38	49	18	19	21	56	.48	.084	37	62	.86	167	.08	30	1.89	.08	.13	14	480
C 47856	2	8	16	11	.2	6	3	1486	7.20	2	5	ND	17	10	1	2	2	6	.01	.019	28	8	.04	69	.01	3	.45	.01	.21	1	585
C 47857	1	6	4	8	.2	6	3	989	1.37	3	5	ND	12	5	1	2	2	3	.01	.010	17	8	.08	17	.02	2	.17	.01	.03	2	12
C 47858	1	13	4	10	.3	10	4	1026	1.51	2	5	ND	9	9	1	2	2	3	.07	.008	16	5	.12	31	.01	4	.25	.01	.14	2	17
C 47859	2	16	19	26	.3	25	7	1610	2.90	2	5	ND	15	6	1	2	2	8	.05	.012	26	12	.30	44	.01	4	.71	.01	.20	1	28
C 47860	1	7	2	28	.3	20	6	1351	2.95	2	5	ND	13	10	1	2	2	6	.07	.014	21	8	.33	64	.01	3	.40	.01	.25	1	6
C 47861	3	28	5	14	.3	10	6	988	1.47	3	5	ND	9	4	1	2	2	4	.04	.008	15	5	.17	30	.01	2	.30	.01	.13	1	9
C 47862	2	33	25	10	.5	13	10	683	1.62	5	5	ND	12	6	1	2	2	5	.05	.009	16	10	.17	52	.01	3	.37	.01	.19	1	2
C 47863	1	6	8	16	.2	15	5	564	2.23	2	5	ND	10	5	1	2	2	7	.03	.008	18	10	.25	54	.02	4	.59	.01	.21	1	21
C 47864	1	17	5	7	.4	4	2	522	.90	2	5	ND	8	3	1	2	2	2	.01	.004	15	3	.07	21	.01	2	.15	.01	.08	1	9
C 47865	1	18	16	7	.7	7	3	618	1.01	2	5	ND	12	7	1	2	2	3	.03	.011	23	7	.07	32	.01	4	.25	.01	.10	2	11
C 47866	1	17	4	7	.3	8	3	455	1.48	2	5	ND	12	8	1	2	2	3	.08	.006	17	6	.12	23	.01	3	.20	.01	.07	1	8
C 47867	1	7	2	4	.2	4	2	282	.52	3	5	ND	9	2	1	2	2	2	.01	.006	16	3	.03	21	.01	3	.14	.01	.08	1	34
C 47868	2	4	45	4	.5	7	3	104	.87	2	5	ND	17	9	1	2	2	5	.14	.047	29	16	.14	60	.01	4	.45	.01	.20	2	62
C 47869	1	11	6	10	.3	11	5	693	1.31	2	5	ND	9	11	1	2	2	4	.15	.015	14	6	.17	38	.01	2	.35	.01	.14	1	48
C 47870	1	12	5	2	.2	4	2	400	.92	2	5	ND	5	2	1	2	3	1	.02	.004	9	3	.06	5	.01	2	.05	.01	.04	1	7
C 47871	2	6	44	7	.3	4	1	125	.77	2	5	ND	6	2	1	2	2	2	.02	.005	12	12	.05	19	.01	2	.18	.01	.07	2	20
C 47872	2	12	2	8	.4	10	8	624	1.06	3	5	ND	11	9	1	2	2	3	.11	.016	18	5	.10	48	.01	3	.28	.01	.17	1	17
C 47873	1	11	8	59	.3	37	14	1544	4.58	2	5	ND	11	9	1	2	2	13	.10	.027	17	17	.59	131	.06	4	.94	.02	.46	1	2
C 47874	1	11	20	6	.1	5	2	449	1.15	3	5	ND	9	4	1	2	2	2	.01	.006	17	7	.03	22	.01	2	.18	.01	.09	1	62
C 47875	1	23	4	3	.4	9	3	617	.87	6	5	ND	11	4	1	2	2	2	.01	.008	18	3	.02	28	.01	2	.17	.01	.11	1	119
C 47876	1	7	2	4	.1	4	2	199	.83	2	5	ND	6	3	1	2	2	1	.01	.006	11	3	.03	21	.01	2	.10	.01	.04	1	8
C 47877	1	5	9	1	.6	2	1	121	.98	3	5	ND	10	3	1	2	2	2	.01	.006	19	5	.01	22	.01	2	.10	.01	.07	1	141
C 47878	1	6	5	1	.2	3	2	186	.72	3	5	ND	6	2	1	2	2	1	.01	.004	12	3	.01	18	.01	2	.09	.01	.08	1	58
C 47879	1	4	2	4	.3	3	1	248	.60	2	5	ND	8	4	1	2	2	1	.03	.003	13	3	.04	14	.01	2	.08	.01	.05	1	1
C 47880	1	11	8	4	.1	3	2	417	1.30	3	5	ND	7	4	1	2	2	2	.01	.007	14	4	.02	14	.01	2	.13	.01	.06	1	15
C 47881	1	5	2	1	.4	3	1	261	.51	2	5	ND	14	2	1	2	2	1	.01	.005	20	3	.02	13	.01	2	.06	.01	.04	1	3
C 47882	1	18	3	9	.3	12	5	387	1.80	3	5	ND	10	4	1	2	2	4	.01	.008	16	5	.11	49	.01	2	.30	.01	.14	1	8

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
C 47883	1	12	15	5	.1	7	3	472	1.09	3	5	ND	7	3	1	2	2	2	.03	.007	13	5	.04	19	.01	4	.16	.01	.07	1	51
C 47884	1	18	2	23	.2	24	7	1464	2.77	2	5	ND	12	8	1	2	2	7	.07	.018	18	10	.23	68	.01	3	.47	.02	.20	1	5
C 47885	1	6	2	2	.1	5	2	244	.48	3	5	ND	12	2	1	2	2	2	.01	.004	17	4	.01	35	.01	2	.13	.01	.06	1	1
C 47886	1	12	4	4	.1	6	2	152	1.09	3	5	ND	10	2	1	2	2	3	.02	.008	16	5	.04	14	.01	2	.19	.01	.04	1	113
C 47887	1	6	2	6	.1	5	3	643	1.27	2	5	ND	7	2	1	2	2	3	.02	.007	11	6	.13	23	.01	2	.20	.01	.08	1	4
C 47888	1	2	2	1	.1	1	1	33	.35	2	5	ND	5	1	1	2	2	1	.01	.001	9	3	.01	11	.01	3	.04	.01	.03	1	2
C 47889	1	5	8	2	.1	2	1	48	1.13	2	5	ND	8	2	1	2	2	2	.01	.004	14	6	.01	17	.01	3	.13	.01	.05	1	82
C 47890	1	6	2	2	.1	3	1	94	.74	2	5	ND	7	1	1	2	2	1	.01	.003	10	3	.01	17	.01	3	.07	.01	.05	1	48
C 47891	1	6	20	2	.1	2	1	61	.74	2	5	ND	5	1	1	2	2	1	.01	.003	7	6	.01	8	.01	2	.05	.01	.01	1	330
C 47892	1	13	2	2	.1	9	2	139	1.48	5	5	ND	10	2	1	2	2	2	.01	.008	16	3	.01	39	.01	3	.16	.01	.11	1	210
C 47893	1	5	6	1	.1	2	1	44	.47	3	5	ND	5	1	1	2	2	1	.01	.003	9	3	.01	11	.01	2	.04	.01	.05	1	12
C 47894	1	2	2	1	.1	2	1	36	.64	4	5	ND	4	1	1	2	2	1	.01	.002	7	2	.01	10	.01	3	.04	.01	.04	1	152
C 47895	1	34	7	8	.2	8	4	682	1.53	2	5	ND	6	2	1	2	2	2	.02	.006	9	4	.06	27	.01	2	.15	.01	.07	1	152
C 47896	1	12	24	6	.1	4	2	346	1.32	2	5	ND	8	3	1	2	2	3	.01	.008	15	8	.05	26	.01	4	.22	.01	.08	1	350
C 47897	1	3	2	1	.1	1	1	35	.39	2	5	ND	3	1	1	2	2	1	.01	.002	6	2	.01	5	.01	3	.02	.01	.03	1	4
C 47898	1	22	5	8	.1	8	3	728	1.23	2	5	ND	8	3	1	2	2	3	.03	.009	12	5	.07	53	.01	3	.23	.01	.15	1	34
C 47899	2	34	31	7	.3	12	6	116	2.82	2	5	ND	12	10	1	2	2	8	.03	.022	18	16	.06	57	.01	3	.49	.01	.16	1	835
C 47900	1	3	3	1	.2	1	1	26	.31	2	5	ND	8	6	1	2	2	1	.01	.003	13	3	.01	21	.01	2	.08	.01	.05	1	1
C 48401	1	82	47	19	.7	8	4	100	2.68	3	5	ND	5	3	1	2	4	4	.09	.019	8	9	.05	24	.01	3	.25	.01	.10	1	720
C 48402	1	45	15	20	.3	7	3	60	1.91	3	5	ND	8	2	1	2	2	2	.01	.007	12	4	.02	38	.01	3	.14	.01	.07	1	2130
C 48403	1	75	16	9	.8	9	5	78	2.96	3	5	2	1	1	1	2	2	1	.01	.002	2	3	.01	5	.01	3	.04	.01	.02	1	2070
C 48404	1	38	11	4	.1	3	2	87	1.38	8	5	ND	5	1	1	2	2	1	.01	.003	7	3	.01	13	.01	2	.04	.01	.03	1	245
C 48405	1	87	23	21	.3	5	2	383	1.35	2	5	ND	6	1	1	2	2	1	.01	.004	10	2	.05	19	.01	2	.09	.01	.02	1	116
C 48406	1	239	999	100	15.6	11	6	310	3.29	4	5	3	9	2	1	2	35	2	.02	.006	11	5	.04	30	.01	3	.18	.01	.12	1	2620
C 48407	1	19	6	4	.1	3	1	44	1.03	6	5	ND	4	1	1	2	2	1	.01	.003	6	2	.01	18	.01	2	.05	.01	.02	1	99
C 48408	1	62	19	10	.6	3	2	309	1.20	2	5	ND	6	1	1	2	2	1	.01	.004	10	3	.04	13	.01	2	.07	.01	.05	1	4645
C 48409	1	91	200	208	4.9	10	8	74	2.52	5	5	4	2	1	3	2	10	1	.01	.001	2	3	.01	4	.01	2	.03	.01	.01	1	6260
C 48410	1	7	8	3	.1	2	1	26	.51	10	5	ND	5	1	1	2	2	1	.01	.001	9	3	.01	13	.01	2	.03	.01	.04	1	76
C 48411	1	60	18	22	.5	3	2	46	.77	4	5	ND	7	1	1	2	2	1	.01	.005	12	3	.01	28	.01	3	.09	.01	.07	1	157
C 48412	1	16	13	2	.1	1	1	27	.63	5	5	ND	4	1	1	2	2	1	.01	.002	10	2	.01	13	.01	2	.04	.01	.02	1	305
C 48413	1	13	11	2	.2	2	1	47	.94	5	5	ND	8	1	1	2	2	1	.01	.004	14	3	.01	21	.01	2	.05	.01	.03	1	71
C 48414	1	72	207	9	1.1	3	1	34	1.06	5	5	ND	4	1	1	2	2	1	.01	.002	6	2	.01	12	.01	2	.05	.01	.04	1	760
C 48415	1	37	40	5	.4	1	1	27	.73	3	5	ND	5	1	1	2	2	1	.01	.004	9	3	.01	24	.01	3	.07	.01	.04	1	240
C 48416	1	14	41	5	.9	3	1	29	1.15	10	5	ND	8	1	1	2	2	1	.01	.004	12	3	.01	29	.01	2	.09	.01	.08	1	705
C 48417	1	18	36	7	.3	3	1	44	1.00	2	5	ND	8	1	1	2	2	2	.01	.005	13	3	.01	25	.01	2	.10	.01	.05	1	164
C 48418	1	105	1347	84	2.9	15	10	30	1.09	2	5	ND	4	1	3	2	5	1	.01	.002	7	3	.01	21	.01	2	.08	.01	.05	1	62
STD C/AU-R	18	57	40	132	7.4	68	27	1014	4.08	40	20	7	38	49	17	16	19	56	.49	.084	36	58	.85	176	.08	32	1.83	.08	.14	13	500

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
C 48419	1	19	7	6	.5	4	2	59	.75	6	5	ND	9	1	1	2	2	1	.02	.003	16	2	.01	18	.01	2	.07	.01	.04	1	94
C 48420	1	535	173	12	7.6	8	2	87	4.54	5	5	8	5	4	1	2	43	2	.01	.006	6	3	.02	18	.01	3	.08	.02	.07	2	6520
C 48421	1	254	250	8	7.0	3	1	40	3.21	6	5	5	4	3	1	2	20	2	.01	.008	6	3	.01	16	.01	2	.07	.06	.06	1	11280
C 48422	1	17	16	5	.6	2	1	45	2.25	2	5	ND	6	7	1	2	2	2	.01	.010	10	3	.01	19	.01	2	.08	.02	.07	1	785
C 48423	1	25	7	9	.2	6	2	43	1.52	2	5	ND	3	4	1	2	2	2	.01	.006	7	3	.01	17	.01	2	.09	.01	.05	1	505
C 48424	1	55	58	7	.9	2	1	54	1.84	3	5	2	2	1	1	2	2	3	.01	.007	2	2	.01	5	.01	2	.04	.01	.02	1	4510
C 48425	1	712	81	14	3.0	19	7	262	4.28	5	5	4	1	1	1	2	5	1	.02	.001	2	2	.02	4	.01	2	.03	.01	.03	1	7760
C 49401	1	77	8	32	.2	25	9	1081	2.80	2	5	ND	9	7	1	2	2	7	.05	.016	14	8	.28	88	.02	2	.54	.01	.22	1	115
C 49402	1	33	24	5	.3	9	3	274	1.07	3	5	ND	9	12	1	2	2	3	.01	.011	13	8	.02	40	.01	2	.18	.01	.09	1	280
C 49403	1	21	4	2	.2	6	2	33	.53	2	5	ND	8	4	1	2	2	2	.05	.022	13	4	.01	48	.01	2	.20	.01	.12	1	16
C 49404	1	13	3	16	.1	16	6	1017	1.97	2	5	ND	12	7	1	2	2	5	.01	.008	20	7	.13	69	.02	3	.45	.01	.17	1	4
C 49405	2	20	23	19	.9	24	9	1336	2.44	2	5	ND	15	5	1	2	2	6	.03	.014	27	11	.16	54	.01	4	.46	.01	.14	1	1370
C 49406	1	69	7	10	.2	11	6	2165	2.41	3	5	ND	3	3	1	2	2	4	.05	.004	6	4	.20	13	.01	2	.20	.01	.05	1	122
C 49407	1	11	4	5	.3	4	2	159	1.88	4	5	ND	8	2	1	2	2	3	.01	.007	13	5	.02	30	.01	3	.19	.01	.09	1	19
C 49408	1	18	18	5	.6	4	1	186	3.09	5	5	ND	17	5	1	2	2	6	.01	.015	35	10	.03	89	.01	3	.32	.01	.15	1	196
C 49409	1	51	8	5	.4	7	4	123	1.82	6	5	ND	3	1	1	2	2	2	.01	.005	5	3	.04	5	.01	2	.09	.01	.03	1	710
C 49410	1	7	5	4	.1	3	2	386	1.07	2	5	ND	5	2	1	2	2	2	.01	.005	10	3	.04	10	.01	2	.09	.01	.04	1	18
C 49411	2	44	9	14	.9	13	6	456	3.52	2	5	ND	24	5	1	2	2	8	.01	.024	47	7	.02	82	.01	3	.40	.01	.18	2	610
C 49412	1	16	5	9	.1	10	4	237	1.60	2	5	ND	9	3	1	2	2	4	.01	.009	17	6	.07	48	.01	2	.29	.01	.12	1	350
C 49413	1	29	3	26	.4	26	12	975	3.06	2	5	ND	12	6	1	2	2	12	.01	.017	19	13	.32	106	.07	3	.92	.01	.35	2	36
C 49414	1	12	8	3	.8	4	3	195	1.09	2	5	ND	17	4	1	2	2	3	.01	.012	36	4	.01	62	.01	2	.22	.01	.15	1	1210
C 49415	1	42	6	29	.4	32	13	602	2.88	2	5	ND	17	10	1	2	2	11	.05	.020	26	14	.22	81	.05	2	.75	.01	.21	2	995
C 49416	1	9	4	5	.4	3	2	150	.86	2	5	ND	5	1	1	2	2	2	.01	.003	9	3	.06	11	.01	2	.11	.01	.03	1	17
C 49417	1	6	27	1	.7	2	1	32	1.77	2	5	4	7	4	1	2	2	2	.01	.014	14	8	.01	22	.01	2	.11	.01	.06	1	4480
C 49418	1	12	7	4	.3	8	3	72	1.11	2	5	ND	9	3	1	2	2	4	.01	.007	15	6	.08	37	.01	2	.24	.01	.11	1	67
C 49419	1	14	8	9	.2	5	3	199	1.30	2	5	ND	9	4	1	2	2	4	.01	.006	12	6	.11	16	.02	2	.24	.01	.05	1	98
C 49420	1	9	12	1	.3	3	1	45	1.62	2	5	ND	2	1	1	2	2	1	.01	.005	4	5	.01	9	.01	2	.04	.01	.02	1	635
C 49421	1	7	2	2	.1	5	2	39	.90	2	5	ND	7	2	1	2	2	2	.01	.004	13	3	.04	22	.01	2	.14	.01	.05	1	89
C 49422	1	10	39	2	3.0	12	1	39	2.26	6	5	13	7	4	1	4	2	3	.01	.017	13	11	.01	29	.01	4	.13	.01	.08	1	9050
C 49423	1	5	5	1	.1	3	1	87	.82	4	5	ND	5	2	1	2	2	1	.01	.004	8	3	.02	12	.01	4	.07	.01	.03	1	275
C 49424	1	6	18	2	.9	1	1	23	2.61	4	5	4	14	4	1	2	2	4	.01	.017	25	7	.01	35	.01	2	.15	.01	.10	1	1480
C 49425	1	29	6	1	.3	4	2	40	1.29	3	5	ND	5	4	1	2	2	1	.01	.009	7	3	.01	10	.01	2	.06	.01	.03	1	196
C 49426	1	5	3	2	.1	1	1	46	1.57	2	5	ND	5	1	1	2	2	1	.01	.003	11	2	.01	11	.01	2	.05	.01	.03	1	13
C 49427	1	14	3	13	.1	4	2	107	2.50	7	5	ND	4	2	1	2	2	3	.01	.013	8	3	.01	22	.01	3	.11	.01	.06	2	1010
C 49428	1	14	7	17	.4	5	5	696	2.79	2	5	ND	14	4	1	2	2	5	.01	.019	28	5	.02	58	.01	3	.24	.01	.13	2	35
C 49429	1	3	2	1	.1	2	1	21	.53	4	5	ND	2	1	1	2	2	1	.01	.001	6	2	.01	6	.01	3	.03	.01	.03	1	126
STD C/AU-R	18	59	37	130	7.0	66	26	997	4.03	39	19	7	37	49	17	18	19	55	.48	.084	36	57	.88	174	.08	31	1.89	.08	.14	10	490

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
C 49430	1	4	3	2	.1	1	1	28	1.03	2	5	ND	3	1	1	2	2	1	.01	.003	8	3	.01	7	.01	2	.03	.01	.01	1	950
C 49431	1	3	2	2	.1	1	1	30	.67	3	5	ND	4	1	1	2	2	1	.01	.002	11	2	.01	10	.01	2	.05	.01	.03	1	330
C 49432	1	3	2	1	.1	1	1	35	.56	3	5	ND	7	1	1	2	2	1	.01	.003	11	1	.01	9	.01	2	.02	.01	.03	1	29
C 49433	1	10	7	1	.7	2	1	34	1.52	2	5	2	1	1	1	2	2	1	.01	.001	3	4	.01	4	.01	2	.02	.01	.02	1	1470
C 49434	1	5	2	2	.1	2	1	29	.60	2	5	ND	3	1	1	2	2	1	.01	.002	7	2	.01	9	.01	2	.03	.01	.02	1	8
C 49435	1	6	7	1	.2	3	1	52	1.09	2	5	ND	1	1	1	2	4	1	.01	.001	2	3	.01	2	.01	2	.01	.01	.01	1	940
C 49436	1	3	3	1	.1	1	1	18	.34	2	5	ND	2	1	1	2	2	1	.01	.001	7	2	.01	6	.01	2	.02	.01	.01	1	19
C 49437	1	34	3	15	.1	11	5	581	2.10	2	5	ND	4	3	1	2	2	3	.03	.004	7	5	.22	30	.01	2	.39	.01	.11	1	197
C 49438	1	67	31	13	1.0	20	20	121	4.75	2	5	2	2	1	1	2	8	1	.01	.002	2	1	.01	5	.01	2	.02	.01	.01	1	1830
C 49439	1	8	2	3	.1	2	1	66	.81	2	5	ND	2	1	1	2	2	1	.01	.003	6	2	.01	9	.01	2	.03	.01	.03	1	49
C 49440	1	25	7	16	.1	11	5	951	2.22	4	5	ND	5	2	1	2	2	2	.07	.017	9	3	.07	17	.01	4	.17	.01	.05	1	46
C 49441	2	45	44	18	2.0	21	13	61	9.37	2	5	8	6	3	1	7	4	4	.01	.006	8	10	.02	25	.01	2	.17	.01	.10	1	9390
C 49442	1	6	2	7	.1	3	1	40	1.13	3	5	ND	3	1	1	2	2	1	.01	.004	7	2	.01	12	.01	2	.05	.01	.02	1	69
C 49443	1	8	2	23	.1	6	2	131	1.40	4	5	ND	6	2	1	2	2	2	.01	.006	11	3	.03	25	.01	2	.16	.01	.08	1	61
C 49444	2	65	45	25	1.1	23	12	69	8.98	2	5	3	7	3	1	4	4	3	.01	.005	10	12	.03	12	.01	2	.18	.01	.07	2	3390
C 49445	1	9	2	5	.1	5	2	62	1.33	2	5	ND	6	1	1	2	2	1	.01	.003	10	2	.01	19	.01	2	.08	.01	.04	1	37
C 49446	1	9	2	15	.1	17	5	354	2.49	2	5	ND	7	17	1	2	2	4	.11	.040	14	5	.09	48	.01	2	.30	.01	.15	1	35
C 49447	1	45	11	29	.2	17	11	78	3.69	2	5	ND	6	1	1	2	2	2	.01	.003	8	4	.01	14	.01	2	.10	.01	.03	2	1160
C 49448	1	7	3	15	.1	5	2	49	1.26	3	5	ND	9	1	1	2	2	1	.01	.004	12	2	.01	17	.01	2	.07	.01	.05	1	119
C 49449	1	5	2	22	.1	14	4	324	1.58	3	5	ND	9	3	1	2	2	4	.04	.012	16	5	.12	52	.02	2	.37	.01	.18	1	15
C 49450	1	26	2	36	.1	11	6	53	1.69	2	5	ND	2	1	1	2	2	1	.01	.001	3	3	.01	13	.01	2	.07	.01	.04	1	740
C 49451	1	8	34	137	.2	14	5	267	1.75	2	5	ND	5	2	1	2	2	3	.02	.007	9	4	.14	37	.01	2	.31	.01	.13	1	240
C 49452	1	6	3	13	.3	6	2	179	.91	3	5	ND	7	4	1	2	2	2	.04	.006	11	3	.07	20	.01	2	.18	.01	.08	1	17
C 49453	1	139	19	89	.5	54	43	206	9.84	2	5	2	9	2	1	2	7	3	.01	.004	6	4	.02	34	.01	3	.19	.01	.14	2	4820
C 49454	1	29	4	26	.3	17	7	391	2.64	2	5	ND	9	4	1	2	2	4	.08	.026	14	6	.16	36	.01	2	.34	.01	.11	2	134
C 49455	1	5	2	27	.2	31	4	383	2.60	2	5	ND	16	5	1	2	2	10	.08	.027	16	13	.24	83	.06	2	.68	.01	.31	1	18
C 49456	1	42	19	9	.1	18	4	65	3.51	2	5	2	4	2	1	2	4	2	.01	.007	7	7	.01	24	.01	2	.13	.01	.08	2	1560
C 49457	1	24	7	5	.3	7	3	56	2.18	2	5	ND	8	2	1	2	2	2	.01	.006	17	5	.04	26	.01	2	.16	.01	.10	1	260
C 49458	1	22	4	11	.1	13	4	67	1.83	2	5	ND	5	2	1	2	2	3	.02	.013	9	4	.05	35	.01	2	.21	.01	.10	1	145
C 49459	1	47	6	10	.3	12	6	68	1.88	2	5	ND	3	4	1	2	3	1	.02	.008	7	2	.01	14	.01	2	.08	.01	.05	1	640
C 49460	1	26	3	12	.5	7	4	349	1.69	3	5	ND	6	4	1	2	2	3	.04	.004	9	5	.21	10	.01	2	.24	.01	.04	3	505
C 49461	1	4	2	5	.2	2	1	54	.83	2	5	ND	4	1	1	2	2	1	.01	.003	9	2	.01	9	.01	2	.05	.01	.04	1	147
C 49462	1	99	8	12	.3	20	11	51	3.99	2	5	ND	3	1	1	2	6	1	.01	.004	5	2	.01	13	.01	2	.07	.01	.04	2	3350
C 49463	1	8	5	12	.1	7	3	200	1.70	2	5	ND	3	2	1	2	2	2	.01	.006	7	3	.06	19	.01	2	.15	.01	.06	1	137
C 49464	1	12	4	5	4.7	4	1	55	1.23	3	5	22	4	1	1	2	4	1	.01	.002	9	3	.01	15	.01	2	.08	.01	.06	1	28900
C 49465	1	51	5	4	.2	8	3	55	1.40	3	5	ND	1	1	1	2	2	1	.01	.001	2	2	.01	7	.01	2	.02	.01	.02	2	1490
STD C/AU-R	18	57	37	133	6.8	68	28	1031	4.11	41	18	6	37	49	17	16	19	55	.49	.084	36	57	.86	174	.08	33	1.87	.08	.14	12	510

TERRA MINES FILE # 87-5602

	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
C 49466	1	16	4	11	.3	17	7	78	1.53	2	5	ND	9	2	1	2	2	4	.01	.007	14	4	.04	44	.01	3	.28	.01	.16	1	550
C 49467	1	3	2	5	.1	2	1	74	.30	2	5	ND	7	1	1	2	2	1	.01	.002	15	1	.01	17	.01	3	.09	.01	.06	1	22
C 49468	1	45	5	5	1.8	21	8	73	5.94	2	5	4	1	1	1	5	7	1	.01	.002	2	1	.01	4	.01	2	.02	.01	.03	1	8220
C 49469	1	7	2	1	.4	4	1	23	.96	2	5	ND	5	1	1	2	2	1	.01	.004	9	2	.01	13	.01	2	.07	.01	.05	1	350
C 49470	1	4	2	2	.5	3	1	36	.41	2	5	ND	5	1	1	2	2	1	.01	.004	9	2	.01	12	.01	2	.07	.01	.05	1	120
C 49471	1	18	2	2	.4	4	1	21	.78	2	5	ND	1	1	1	2	2	1	.01	.001	2	2	.01	2	.01	2	.01	.01	.02	1	480
C 49472	1	15	6	2	.4	4	1	62	.99	3	5	ND	4	1	1	2	2	1	.01	.004	8	2	.02	16	.01	2	.09	.01	.07	1	47
C 49473	1	93	9	12	.4	7	2	795	1.46	4	5	ND	5	12	1	2	2	2	.31	.005	6	3	.17	15	.01	2	.21	.01	.07	18	73
C 49474	1	22	10	4	.2	6	2	90	1.16	2	5	ND	1	1	1	2	2	1	.01	.001	2	2	.01	2	.01	3	.01	.01	.01	5	820
C 49475	1	5	3	3	.1	6	2	119	.62	4	5	ND	9	4	1	2	2	2	.06	.005	14	3	.08	22	.01	2	.18	.01	.08	1	660
C 49476	1	227	414	79	3.4	9	6	862	3.38	4	5	ND	4	2	1	2	10	2	.03	.007	6	3	.14	17	.01	2	.21	.01	.07	1	640
C 49477	1	157	17	9	1.8	18	6	144	4.47	2	5	5	1	1	1	2	2	1	.01	.001	2	2	.01	1	.01	2	.01	.01	.01	2	1470
C 49478	1	13	4	2	.2	3	1	85	1.07	6	5	ND	4	1	1	2	2	1	.02	.003	6	2	.01	11	.01	2	.07	.01	.05	1	84
C 49479	1	401	31	15	1.8	18	4	202	3.69	7	5	5	6	2	1	2	2	2	.02	.005	7	3	.05	24	.01	2	.15	.01	.08	1	9460
C 49480	1	305	35	15	1.7	25	8	320	6.65	5	5	3	2	1	1	2	2	1	.02	.002	2	3	.04	8	.01	2	.06	.01	.03	1	5250
C 49481	1	10	5	5	.2	3	1	202	.57	3	5	ND	4	6	1	2	2	1	.12	.004	7	1	.06	12	.01	2	.09	.01	.05	1	73
C 49482	1	13	4	7	.2	4	1	307	.69	3	5	ND	7	12	1	2	2	1	.21	.004	10	2	.10	15	.01	2	.12	.01	.07	2	39
C 49483	1	430	56	13	3.8	65	21	95	16.95	7	5	6	2	1	1	6	2	1	.02	.001	2	4	.03	4	.01	2	.02	.01	.02	4	8560
C 49484	1	12	8	5	.1	4	2	205	.87	2	5	ND	3	5	1	2	2	1	.09	.003	7	2	.06	14	.01	2	.12	.01	.07	1	43
C 49485	1	30	29	15	.2	14	6	353	2.19	2	5	ND	11	6	1	2	2	8	.15	.017	12	10	.27	63	.06	2	.61	.01	.37	1	153
C 49486	1	226	7	3	.4	13	6	113	2.93	3	5	ND	1	1	1	2	2	1	.01	.001	2	2	.01	2	.01	2	.02	.01	.01	2	1860
C 49487	1	24	83	12	.1	7	2	222	.89	3	5	ND	8	4	1	2	2	2	.07	.007	13	3	.08	21	.01	2	.21	.01	.10	1	133
C 49488	1	33	23	30	.3	7	3	283	1.44	3	5	ND	7	4	1	2	2	4	.06	.005	10	5	.16	24	.01	2	.28	.01	.10	2	180
C 49489	1	18	2	2	.1	3	1	48	.65	2	5	ND	1	1	1	2	2	1	.01	.001	2	2	.01	1	.01	2	.01	.01	.01	1	250
C 49490	1	24	8	5	.2	6	2	120	.65	2	5	ND	7	4	1	2	2	1	.06	.005	13	3	.04	20	.01	2	.14	.01	.08	1	3990
C 49491	1	22	14	11	.5	12	4	232	1.60	2	5	ND	11	5	1	2	2	5	.08	.015	17	7	.16	50	.03	2	.42	.01	.20	1	112
STD C/AU-R	19	60	39	132	7.1	67	28	1038	4.11	38	18	7	41	50	18	18	20	57	.49	.088	38	58	.85	172	.08	30	1.85	.08	.14	14	475
C 49492	1	61	26	3	1.2	4	1	92	.85	3	5	3	1	1	1	2	2	1	.01	.001	2	2	.01	3	.01	2	.02	.01	.02	1	1550
C 49493	1	15	3	2	.1	3	1	18	.49	2	5	ND	4	1	1	2	2	1	.01	.004	8	1	.01	12	.01	2	.08	.01	.06	1	29
C 49494	1	66	10	23	.3	23	6	366	2.58	2	5	ND	9	3	1	2	2	6	.03	.010	11	9	.17	64	.02	2	.39	.01	.22	1	315
C 49495	1	498	64	26	3.1	60	19	493	12.71	2	5	5	3	1	1	2	4	2	.03	.002	2	2	.09	5	.01	2	.05	.01	.03	19	10500
C 49496	1	86	15	39	2.3	6	14	513	2.33	3	5	9	6	6	1	2	2	3	.10	.005	9	4	.12	18	.01	2	.19	.01	.09	3	183
C 49497	1	27	12	5	.1	4	1	40	.95	4	5	ND	7	1	1	2	2	2	.01	.007	13	3	.01	27	.01	2	.13	.01	.07	1	88
C 49498	1	68	25	12	.8	14	12	80	4.67	4	5	ND	7	2	1	2	3	3	.01	.011	11	4	.01	35	.01	2	.14	.01	.09	1	2560
C 49499	1	25	3	27	.4	17	5	254	1.88	4	5	ND	13	2	1	2	2	3	.01	.006	16	4	.07	47	.01	2	.23	.01	.13	1	1660

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS 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. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Rock Chips AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 11 1987 DATE REPORT MAILED: Nov 23/87 ASSAYER. D. Toye ...DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES File # 87-5602 Page 1

CHO LEACH

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
C 46779	1	4	17	24	.1	2	4	701	2.06	44	5	ND	4	5	1	2	2	8	.04	.019	9	2	.05	39	.01	3	.33	.01	.10	2	47
C 46780	1	5	55	26	.3	3	4	434	1.69	19	5	ND	4	7	1	2	2	6	.03	.011	6	2	.06	28	.01	4	.29	.01	.09	2	40
C 46781	1	4	13	28	.1	2	3	772	2.27	23	5	ND	3	4	1	2	2	12	.01	.012	6	1	.04	34	.01	4	.28	.01	.07	1	36
C 46782	1	4	11	20	.2	2	3	683	1.82	27	5	ND	2	4	1	2	2	9	.01	.009	4	2	.03	35	.01	3	.23	.01	.07	1	27
C 46783	1	6	22	28	.2	4	5	790	2.43	9	5	ND	5	4	1	2	2	11	.04	.019	11	3	.09	43	.01	4	.51	.01	.16	2	166
C 46784	1	4	13	16	.2	2	3	543	1.70	44	5	ND	2	3	1	2	2	8	.01	.009	5	2	.02	30	.01	4	.20	.01	.09	1	196
C 46785	1	10	83	162	.3	4	8	1417	3.84	35	5	ND	7	6	1	2	2	18	.03	.022	11	3	.13	77	.01	5	.92	.01	.18	1	215
C 46786	1	5	63	78	.1	3	8	1126	3.40	36	5	ND	6	9	1	2	2	15	.04	.019	16	2	.17	53	.01	3	.89	.01	.15	1	110
C 46787	1	4	16	43	.2	4	7	666	3.04	3	5	ND	11	30	1	2	2	24	.15	.048	23	4	.45	88	.03	3	2.25	.04	.23	3	7
C 46788	1	4	14	53	.3	3	8	1101	3.51	12	5	ND	6	9	1	2	2	16	.04	.018	11	2	.10	40	.01	4	.61	.01	.11	1	171
C 46789	1	4	47	39	.4	2	6	830	2.55	16	5	ND	6	6	1	2	2	11	.02	.014	16	2	.06	62	.01	5	.51	.01	.15	1	27
C 46790	1	3	33	63	.1	2	5	1156	3.85	12	5	ND	5	4	1	2	2	21	.02	.025	12	1	.04	52	.01	5	.42	.01	.11	2	65
C 46791	1	4	24	49	.5	3	12	1155	3.65	8	5	ND	11	10	1	2	2	19	.04	.023	27	2	.11	72	.01	3	1.16	.02	.21	4	2
C 46792	1	4	20	45	.4	3	6	934	3.46	20	5	ND	10	9	1	2	2	5	.13	.063	22	1	.04	31	.01	4	.38	.02	.13	3	204
C 46793	1	4	21	60	.2	4	7	1105	4.37	9	5	ND	6	4	1	2	2	8	.02	.048	16	3	.05	54	.01	4	.38	.01	.13	1	6
C 46794	1	6	190	49	1.1	3	5	610	2.28	46	5	ND	6	6	1	2	2	7	.05	.025	15	2	.12	39	.01	3	.47	.01	.15	2	1270
C 46795	1	7	124	99	.4	3	4	533	2.06	28	5	ND	5	7	1	2	2	9	.04	.019	7	3	.13	49	.01	3	.61	.02	.16	1	176
C 46796	1	13	515	48	.8	2	4	378	1.93	92	5	ND	3	5	1	2	2	12	.03	.017	5	2	.12	21	.01	2	.46	.01	.12	1	735
C 46797	1	5	38	87	.1	3	6	1118	4.12	17	5	ND	5	6	1	3	2	21	.03	.019	11	3	.10	56	.01	3	.69	.02	.17	1	11
C 46798	1	22	613	774	1.2	4	11	743	4.30	82	5	ND	9	10	2	2	2	28	.08	.036	20	4	.28	52	.01	5	1.53	.02	.20	2	975
C 46799	1	13	253	299	.3	3	6	956	3.29	47	5	ND	8	6	1	2	2	9	.07	.045	20	2	.08	40	.01	5	.64	.02	.16	1	350
C 46800	1	6	52	62	.6	4	9	951	4.24	18	5	ND	11	6	1	2	3	10	.03	.047	27	3	.05	64	.01	5	.52	.01	.19	2	29
C 46944	1	200	11	11	.8	16	6	159	4.43	5	5	ND	3	1	1	2	2	1	.01	.005	5	2	.02	9	.01	2	.05	.01	.02	1	1060
C 46945	1	10	6	4	.1	7	1	110	.71	4	5	ND	5	1	1	2	2	1	.01	.004	7	3	.04	10	.01	4	.07	.01	.01	1	88
C 46946	1	134	29	13	.6	7	6	384	3.12	33	5	ND	7	5	1	2	5	2	.09	.005	10	4	.08	20	.01	2	.10	.01	.04	1	625
C 46947	1	14	6	4	.2	3	1	147	1.24	11	5	ND	2	2	1	2	2	1	.01	.006	4	2	.02	5	.01	6	.04	.01	.01	1	133
C 46948	1	9	14	4	.4	4	1	125	1.36	13	5	ND	3	2	1	2	2	1	.04	.005	4	4	.01	10	.01	2	.03	.01	.01	1	240
C 46949	1	6	163	9	2.7	13	5	28	10.84	165	5	4	1	1	1	2	6	1	.01	.001	2	2	.01	3	.01	2	.01	.01	.01	1	3420
C 46950	1	6	12	3	.1	4	1	46	1.35	14	5	ND	1	1	1	2	2	1	.01	.001	2	2	.01	5	.01	2	.02	.01	.01	1	715
C 46951	1	5	11	4	.5	6	2	31	1.65	29	5	ND	3	1	1	2	2	1	.01	.001	5	2	.01	7	.01	2	.03	.01	.01	1	950
C 46952	1	7	4	2	.1	2	1	86	.53	2	5	ND	1	2	1	2	2	1	.02	.003	3	2	.02	5	.01	5	.02	.01	.01	1	55
C 46953	1	6	4	2	.2	3	1	29	.87	10	5	ND	2	1	1	2	2	1	.01	.004	4	2	.01	6	.01	2	.03	.01	.02	1	510
C 46954	1	13	5	1	.1	4	2	38	.88	12	5	2	5	1	1	2	2	1	.01	.003	8	3	.01	8	.01	2	.04	.01	.01	1	2380
C 47680	1	4	7	38	.2	3	6	1028	3.27	13	5	ND	9	6	1	2	2	7	.04	.042	19	2	.03	88	.01	4	.37	.01	.15	2	72
C 47681	1	6	12	40	.3	5	8	703	3.09	7	5	ND	11	9	1	2	2	16	.16	.064	22	4	.22	63	.01	3	.92	.04	.22	2	13
C 47682	1	4	11	33	.2	2	5	1531	2.98	6	5	ND	7	10	1	2	2	14	.09	.044	16	2	.13	64	.01	3	.67	.02	.12	1	7
STD C/AU-R	18	57	40	128	7.0	67	27	1021	4.02	39	21	8	38	49	17	17	19	56	.48	.086	37	58	.88	177	.08	32	1.89	.08	.13	13	500

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS 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 AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: STREAM SED AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 15 1987 DATE REPORT MAILED: Aug 26/87 ASSAYER D. Toye.....DEAN TOYE. CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-3309

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
46531	1	4	17	44	.1	7	4	334	1.51	2	5	ND	3	36	1	2	2	21	.45	.042	13	7	.44	38	.08	2	1.23	.06	.10	2	1
46532	1	8	36	96	.4	7	5	754	2.01	2	6	ND	2	48	2	2	2	28	.60	.073	14	13	.45	69	.10	4	2.12	.04	.12	1	3
46534	1	4	29	52	.2	4	5	363	1.71	2	6	ND	6	39	1	2	2	25	.61	.107	17	6	.43	55	.08	25	1.17	.05	.16	1	99
46535	1	4	46	91	.5	5	5	342	1.79	2	5	ND	5	38	1	2	2	25	.51	.095	15	7	.48	44	.09	2	1.54	.04	.16	3	16

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS 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. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Rock Chips AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 2 1987 DATE REPORT MAILED: Nov 13/87 ASSAYER. D. Toye ...DEAN TOYE, CERTIFIED B.C. ASSAYER

TERRA MINES LTD. File # 87-5318

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM
46778	1	5	29	35	.1	3	5	777	2.98	2	5	ND	5	6	1
46935	1	123	334	111	3.2	2	4	387	2.31	9	5	8	4	63	2
46936	1	34	77	411	.2	5	10	1226	4.77	13	5	ND	11	35	5
46937	1	6	11	51	.1	3	7	878	3.77	2	5	ND	9	82	1
46938	1	184	4049	806	6.9	4	6	841	3.26	21	5	4	7	12	10
46939	1	179	3331	716	26.4	2	2	432	1.56	11	5	186	2	17	7
46940	1	28	404	363	.9	2	3	737	1.94	10	5	2	5	325	5
46941	1	19	353	515	.8	3	6	1277	3.05	19	5	2	7	159	4
46942	1	47	600	129	3.4	2	3	223	2.94	14	5	16	5	8	2
46943	1	3	6	6	.1	1	1	170	.51	2	5	ND	2	9	1
STD C/AU-R	18	61	38	126	7.1	67	28	1008	4.12	39	22	8	37	50	18

SAMPLE#	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
46778	2	2	6	.05	.038	12	1	.03	39	.01	3	.28	.02	.10	1	4
46935	2	2	2	1.14	.036	7	1	.03	20	.01	6	.14	.01	.08	588	6670
46936	2	2	5	.92	.103	19	2	.11	43	.01	8	.28	.02	.15	108	340
46937	2	2	4	2.77	.075	17	4	.39	36	.01	7	.25	.02	.13	3	53
46938	3	2	3	.27	.055	14	1	.02	25	.01	8	.23	.01	.13	246	7830
46939	4	2	1	.17	.015	3	1	.02	8	.01	8	.08	.01	.04	207	12970
46940	2	2	2	3.09	.039	7	1	.04	16	.01	10	.12	.01	.08	481	8540
46941	2	2	3	1.87	.056	11	1	.05	26	.01	4	.26	.01	.13	340	2210
46942	2	2	2	.04	.031	8	1	.01	13	.01	5	.13	.01	.07	744	12480
46943	2	2	3	.11	.015	2	3	.06	13	.02	6	.24	.03	.06	7	38
STD C/AU-R	16	21	58	.49	.086	38	59	.87	172	.08	32	1.86	.06	.13	12	495

TECHUTN

MAGGIE PIKSNS TR 4

high W - require regular Assay.

ECHO TRENCH

BL.

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
C 48437	1	6	18	117	.1	5	13	2202	6.43	4	5	ND	7	16	1	2	3	20	.09	.063	21	2	.14	179	.01	2	.53	.01	.12	1	5
C 48438	1	3	10	41	.1	3	6	1027	3.20	35	5	ND	3	4	1	2	2	3	.03	.036	11	1	.02	34	.01	4	.14	.01	.07	1	24
C 48439	1	3	9	32	.1	3	6	825	2.73	27	5	ND	4	5	1	2	2	3	.04	.034	11	1	.02	32	.01	3	.15	.01	.10	1	124
C 48440	1	7	9	40	.1	3	7	938	3.25	31	5	ND	5	5	1	2	2	4	.09	.052	14	2	.04	32	.01	3	.24	.01	.10	1	38
C 48441	1	7	22	34	.1	3	7	997	3.34	42	5	ND	6	7	1	2	2	2	.13	.055	14	1	.02	34	.01	5	.19	.01	.11	1	25
C 48442	1	7	15	57	.1	2	7	1488	4.53	31	5	ND	4	5	1	2	2	5	.04	.030	10	2	.06	35	.01	4	.26	.01	.08	1	41
C 48443	1	7	27	37	.1	3	7	932	3.36	48	5	ND	5	5	1	2	2	4	.07	.047	13	3	.03	46	.01	3	.27	.01	.12	1	14
C 48444	1	9	44	95	.3	4	12	1961	6.23	39	5	ND	2	4	1	2	3	7	.02	.031	4	2	.09	54	.01	2	.29	.01	.05	1	42
C 48445	1	6	19	42	.1	2	8	1084	3.87	45	5	ND	5	5	1	2	2	6	.05	.052	14	2	.06	74	.01	2	.35	.01	.11	1	118
C 53855	38	801	18553	56561	78.8	15	8	533	10.79	65	5	2	3	16	217	71	31	31	.39	.062	5	4	.26	8	.03	2	.38	.02	.10	1	6210
C 53856	21	99	3507	2673	8.2	22	4	229	4.88	7	5	ND	3	27	13	5	6	85	1.09	.302	6	9	.22	17	.02	7	.34	.01	.09	11	1015
C 53857	9	183	1999	1688	4.2	20	13	395	3.69	2	5	ND	3	51	8	4	7	83	2.50	.176	12	23	.73	38	.15	4	.99	.05	.40	3	220
C 53858	60	1622	18901	99999	45.1	20	9	2200	15.60	63	5	ND	1	2	958	75	3	20	.05	.006	2	1	.02	1	.01	2	.01	.01	.01	2	3215
C 53859	36	4947	20039	38543	36.6	24	2	217	3.22	18	5	3	2	16	158	45	2	79	.52	.165	5	6	.13	15	.01	3	.25	.01	.06	1	4930
C 53860	2	106	376	1671	.8	25	11	571	4.52	2	5	ND	5	7	8	2	2	7	.08	.043	14	8	.17	28	.01	2	.41	.01	.13	1	910
C 53861	1	76	142	172	.3	25	8	194	1.74	2	5	ND	10	4	1	2	2	3	.04	.021	23	6	.08	33	.01	3	.27	.01	.11	1	210
C 53862	1	57	77	107	.4	13	7	447	2.71	6	5	ND	9	5	1	2	2	4	.01	.022	21	5	.05	35	.01	2	.29	.01	.16	1	195
C 53863	1	26	55	31	.1	3	2	203	.74	2	5	ND	3	1	1	2	2	1	.01	.004	5	3	.04	7	.01	2	.06	.01	.03	1	139
C 53864	1	19	499	57	6.7	1	1	30	1.12	70	5	2	8	2	1	2	2	2	.01	.012	24	3	.01	31	.01	2	.15	.01	.13	1	3220
C 53865	1	11	183	19	1.0	3	3	40	1.17	22	5	ND	3	1	1	2	2	1	.01	.008	6	3	.01	11	.01	2	.05	.01	.03	1	1010
C 53866	1	36	1121	36	2.8	2	2	53	3.01	22	5	3	16	4	1	2	3	3	.01	.032	28	5	.01	41	.01	2	.17	.01	.13	1	1050
C 53867	1	6	76	35	3.0	1	1	43	.55	19	5	ND	1	1	1	2	2	1	.01	.003	3	1	.01	4	.01	3	.02	.01	.01	1	2310
STD C/AU-R	19	63	37	134	7.5	73	30	1060	4.12	43	25	8	40	53	19	16	23	60	.50	.089	41	64	.93	186	.07	35	1.87	.07	.15	11	500

- ASSAY REQUIRED FOR CORRECT RESULT -

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,728

Part 7 of 9

ALL OUTCROP IS GRANODIORITE UNLESS OTHERWISE SPECIFIED

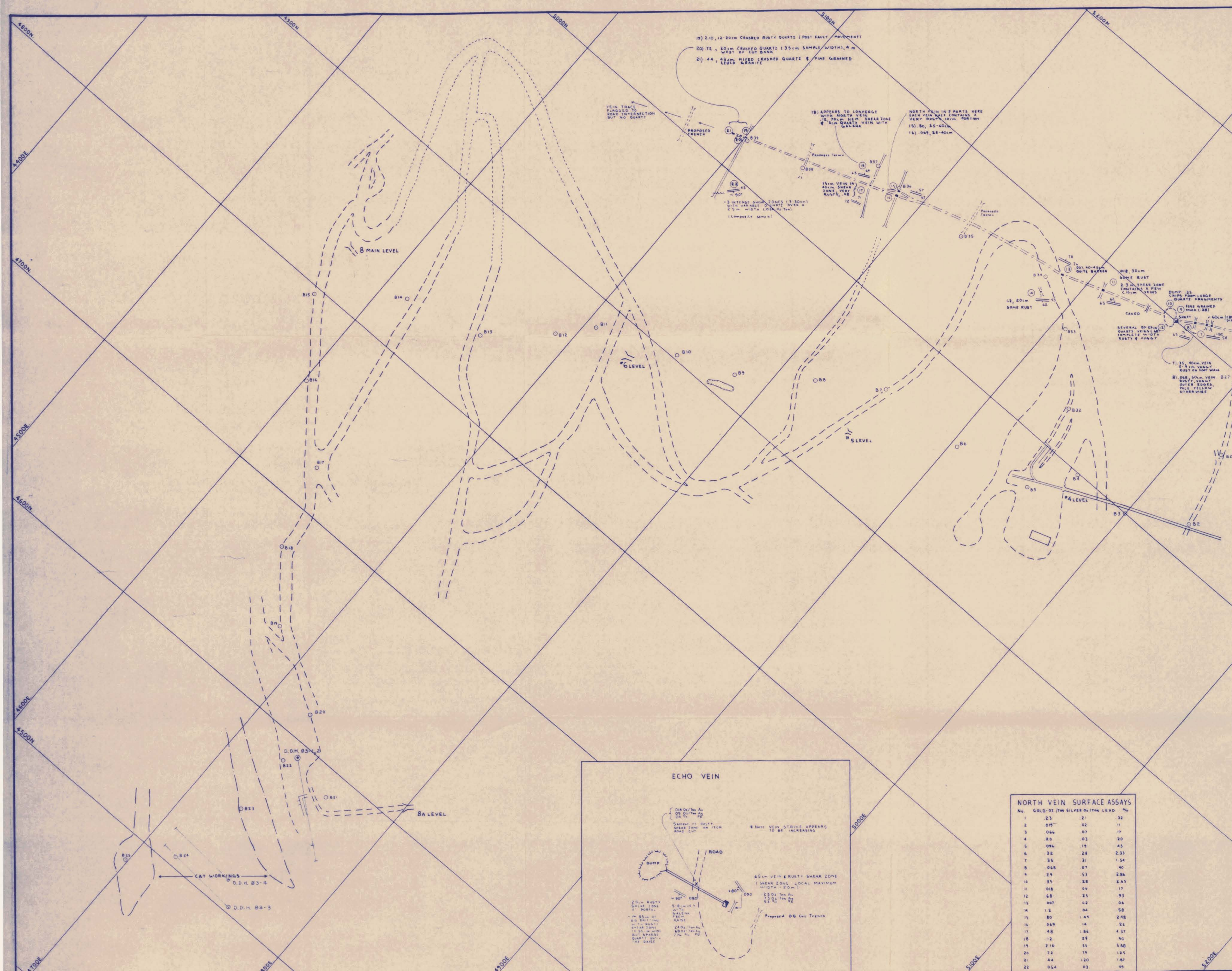
GOLDRICH RESOURCES INC.

BAYONNE CLAIM GROUP
BASE MAP 1983 + GEOLOGY

Scale 1:10,000

Date July 1983

FIG. 4.3



NORTH VEIN SURFACE ASSAYS			
No.	GOLD-OZ/TON	SILVER OZ/TON	LEAD %
1	.23	.21	.32
2	.019	.02	.11
3	.066	.07	.17
4	.20	.03	.20
5	.096	.19	.43
6	.32	.28	2.33
7	.35	.31	1.54
8	.068	.07	.40
9	.29	.53	2.86
10	.35	.28	2.65
11	.018	.06	.17
12	.68	.25	.93
13	.007	.02	.06
14	1.2	.04	.58
15	.80	1.44	2.48
16	.069	.14	.26
17	.48	1.86	4.37
18	.12	.29	.90
19	2.10	.55	5.68
20	.72	.79	1.25
21	.44	1.20	1.87
22	.054	.03	.09

GOLDRICH RESOURCES INCORPORATED

BAYONNE MINE SURFACE PLAN

GEOLOGY - NORTH VEIN AND ECHO VEIN

LEGEND

SURVEYED — ROADS — UNSURVEYED

PRESENT — TRENCHES — PROPOSED

70° 60° QUARTZ VEIN ATTITUDE

NORTH VEIN

MEASURED QUARTZ VEIN WITH TRUE THICKNESS SHOWN IN 1:400

CAT WORKINGS

SURVEY STATION

(5) ROCK SAMPLE STATION

ADIT

* Note - VEIN WIDTHS & GOLD ASSAY VALUES SHOWN

GEOLOGY - R.A. WELLS	DWG - R. MITCHELL	DATE OCT 11/83	DWG. No

SCALE 1:1000

FIG. 5

Part 7 of 9

16,728

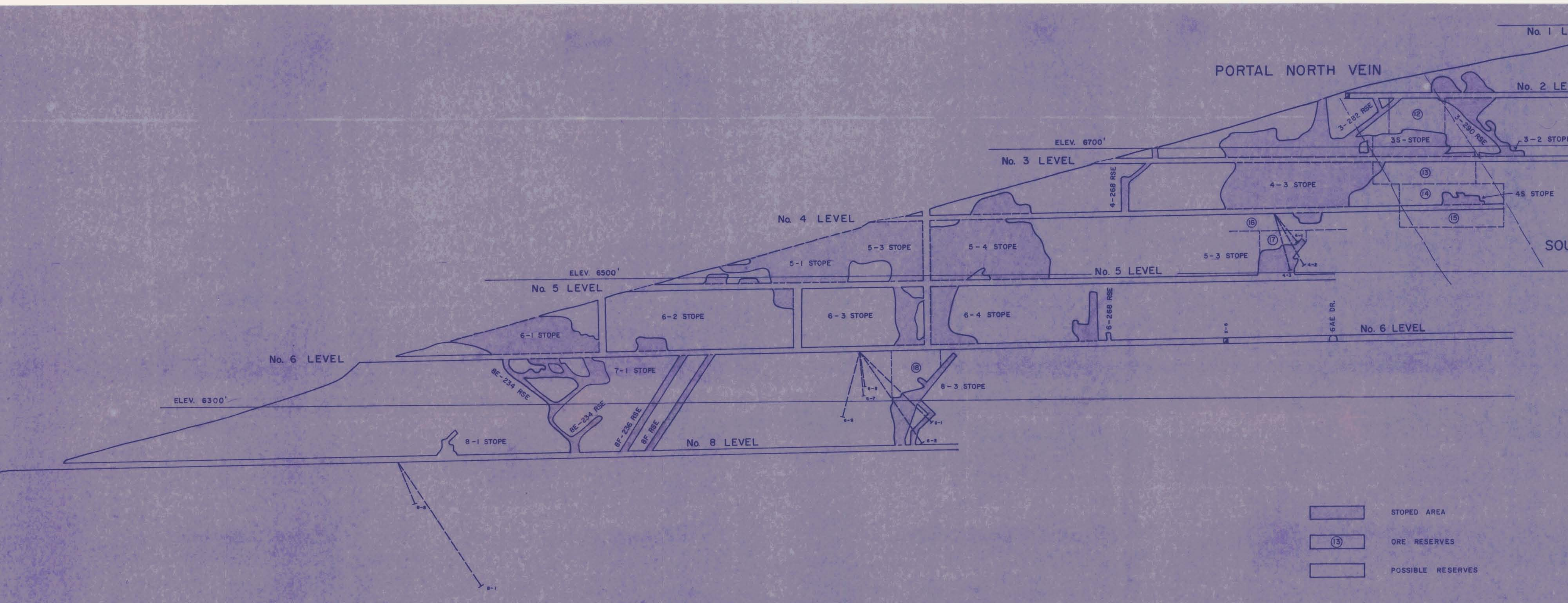


FIG 6

GOLDRICH RESOURCES INC.

LONGITUDINAL SECTION
MAIN AND SOUTH VEINS

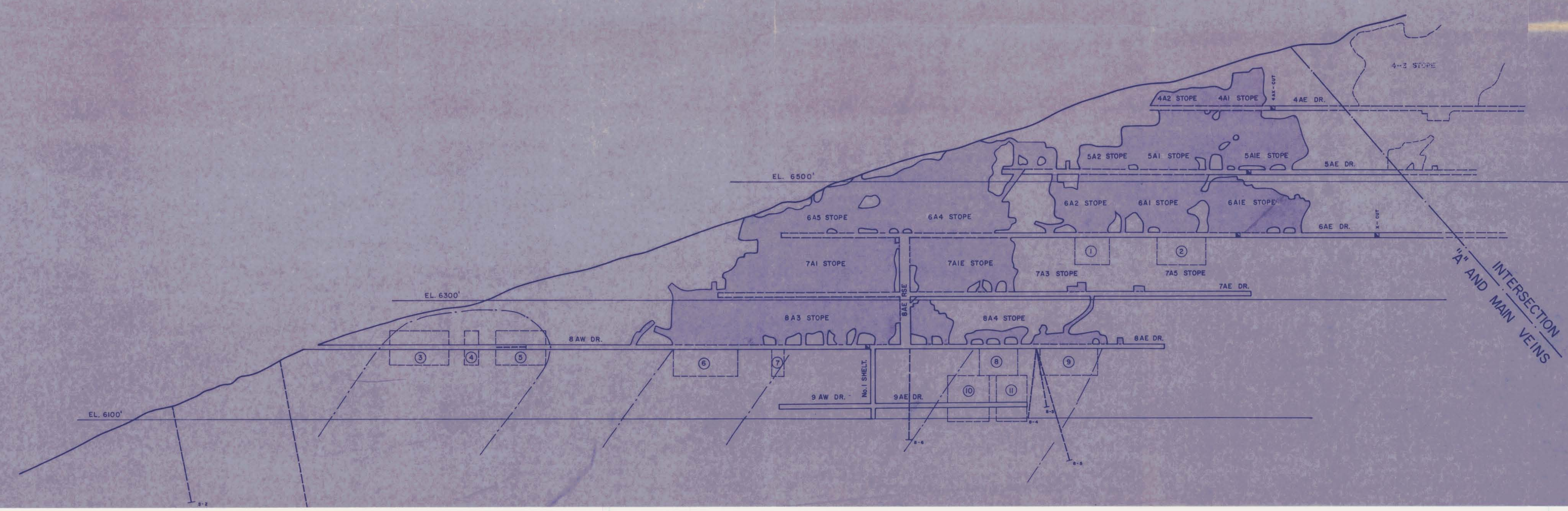
BAYONNE MINE.
NELSON MINING DIVISION B.C.

FIG 6

Scale 1 : 100

SCALE IN FEET

FIG 7



GOLDRICH RESOURCES INC.

LONGITUDINAL SECTION "A" VEIN

BAYONNE PROPERTY
EAST GRID
GEOLOGY PLAN
1CM = 20M
OCT 5 / 1987
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,728
Part 7 of 9
0 40 80 120
SCALE IN METERS
N
JOINTING
ALL OUTCROP IS GRANODIORITE
SAMPLE No / Au OPT
FIG 8
TALUS
61.75E
61E
60E
59.5 E
59 E
58 E
57.5 E
57 E
56.5 E
56 E
55 E
54 E
53 E
52 E
51 E
50.5 E
50 E

GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,728
Part 7 of 9
0 40 80 120
SCALE IN METERS
FIG 9
BAYONNE PROPERTY
EAST GRID
SOIL GEOCHEM
ASSAY PLAN
1CM = 20M
OCT 6 / 1987
Au PPB
JOHN BULL MTN.
BASE-LINE
SOUTH VEIN
NORTH VEIN
BAYONNE VEIN
A-VEIN
ECHO STR.
St. ELMO STR.
61.75 E
61E
60 E
59.5 E
59 E
58 E
57.5 E
57 E
56.5 E
56 E
55 E
54 E
53 E
52 E
51 E
50.5 E
50 E
55N
45N
40N
50N

FIG 10

BAYONNE PROPERTY
EAST GRID
SOIL GEOCHEM
ASSAY PLAN
1CM = 20M
OCT 6 / 1987

Ag PPM


GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,728
Part 7 of 9
0 40 80 120
SCALE IN METERS
FIG 11
BAYONNE PROPERTY
EAST GRID
SOIL GEOCHEM
ASSAY PLAN
ICM=20M
OCT 6/1987
Pb PPM
JOHN BULL MTN.
BASE-LINE
SOUTH VEIN
NORTH VEIN
BAYONNE VEIN
A-VEIN
ECHO STR.
St. ELMO STR.
61.75 E
61E
60E
59.5 E
59E
58E
57.5 E
57E
56.5 E
56E
55E
54E
53E
52E
51E
50.5E
50E
55N
45N
40N
50N


GEOLOGICAL BRANCH ASSESSMENT REPORT
16,728
Part 7 of 9
0 40 80 120
SCALE IN METERS
FIG 12
BAYONNE PROPERTY
EAST GRID
SOIL GEOCHEM
ASSAY PLAN
1CM = 20M
OCT 6 / 1987
Cu PPM
JOHN BULL MTN.
BASE-LINE
61.75 E
61E
60 E
59.5 E
59 E
58 E
57.5 E
57 E
56.5 E
56 E
55 E
54 E
53E
53 E
52 E
51E
51 E
50.5 E
50E
50 N
SOUTH VEIN
NORTH VEIN
BAYONNE VEIN
A-VEIN
ECHO STR.
St. ELMO STR.
55N
45N
40N


GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,728
Part 7 of 9
0 40 80 120
SCALE IN METERS
FIG 13
BAYONNE PROPERTY
EAST GRID
SOIL GEOCHEM
ASSAY PLAN
1CM=20M
OCT 6/ 1987
Zn PPM
JOHN BULL MTN.
BASE-LINE
SOUTH VEIN ?
NORTH VEIN ?
BAYONNE VEIN
A-VEIN
ECHO STR.
St. ELMO STR.
61.75 E
61 E
60 E
59.5 E
59 E
58 E
57.5 E
57 E
56.5 E
56 E
55 E
54 E
53 E
52 E
51 E
50.5 E
50E
55N
45N
40N
50 N

GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,728
Part 7 of 9
FIG 14 AS PPM
BAYONNE PROPERTY
EAST GRID
SOIL GEOCHEM
ASSAY PLAN
1CM = 20M
OCT 6 / 1987
As PPM
0 40 80 120 METERS
JOHN BULL MTN.
BASE-LINE
SOUTH VEIN ?
? NORTH VEIN ?
BAYONNE VEIN
A-VEIN
ECHO STR.
St. ELMO STR.
61.75 E
61 E
60 E
59.5 E
59 E
58 E
57.5 E
57 E
56.5 E
56 E
55 E
54 E
53 E
52 E
51 E
50.5 E
50 E
55 N
45 N
40 N
50 N

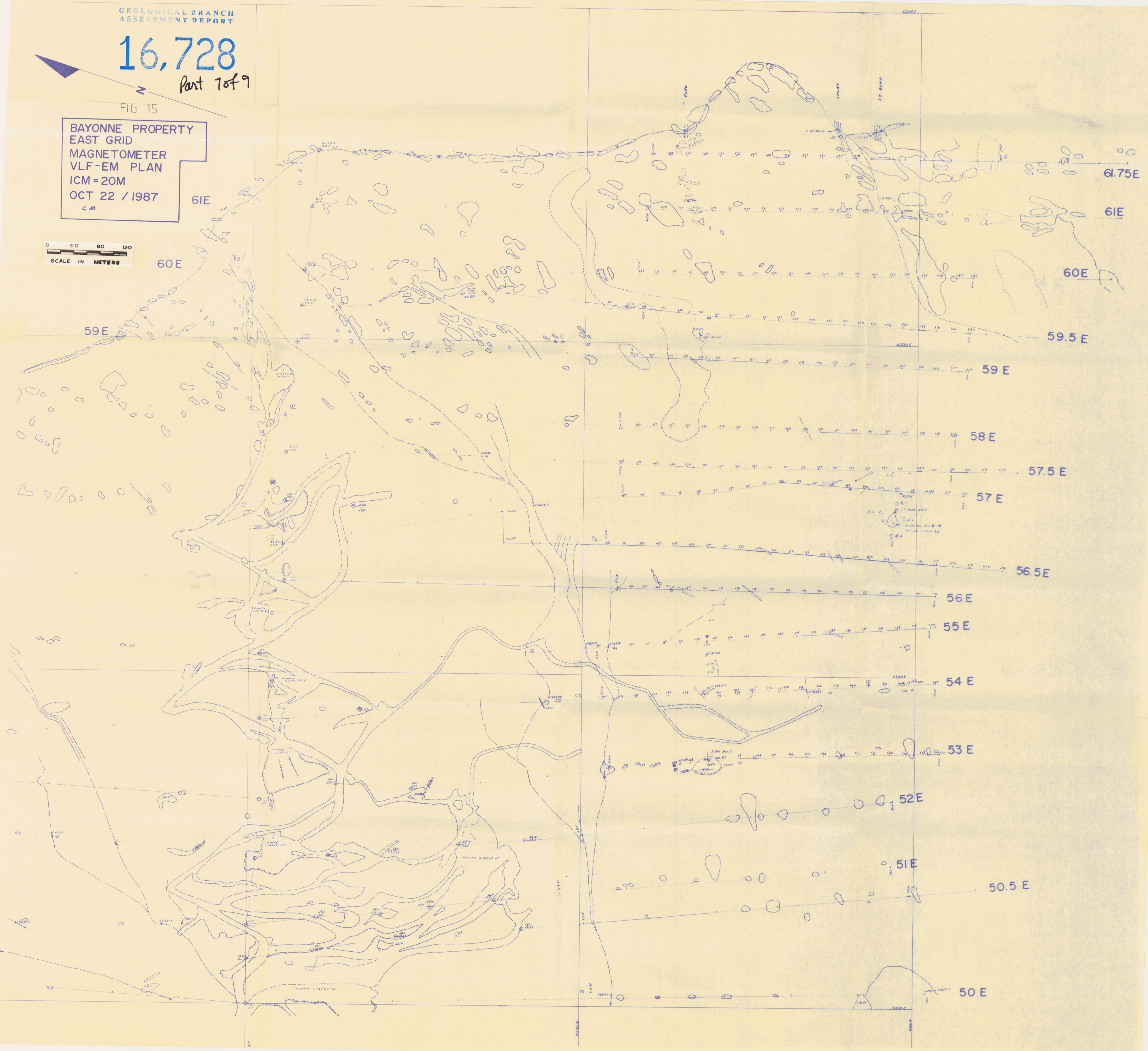
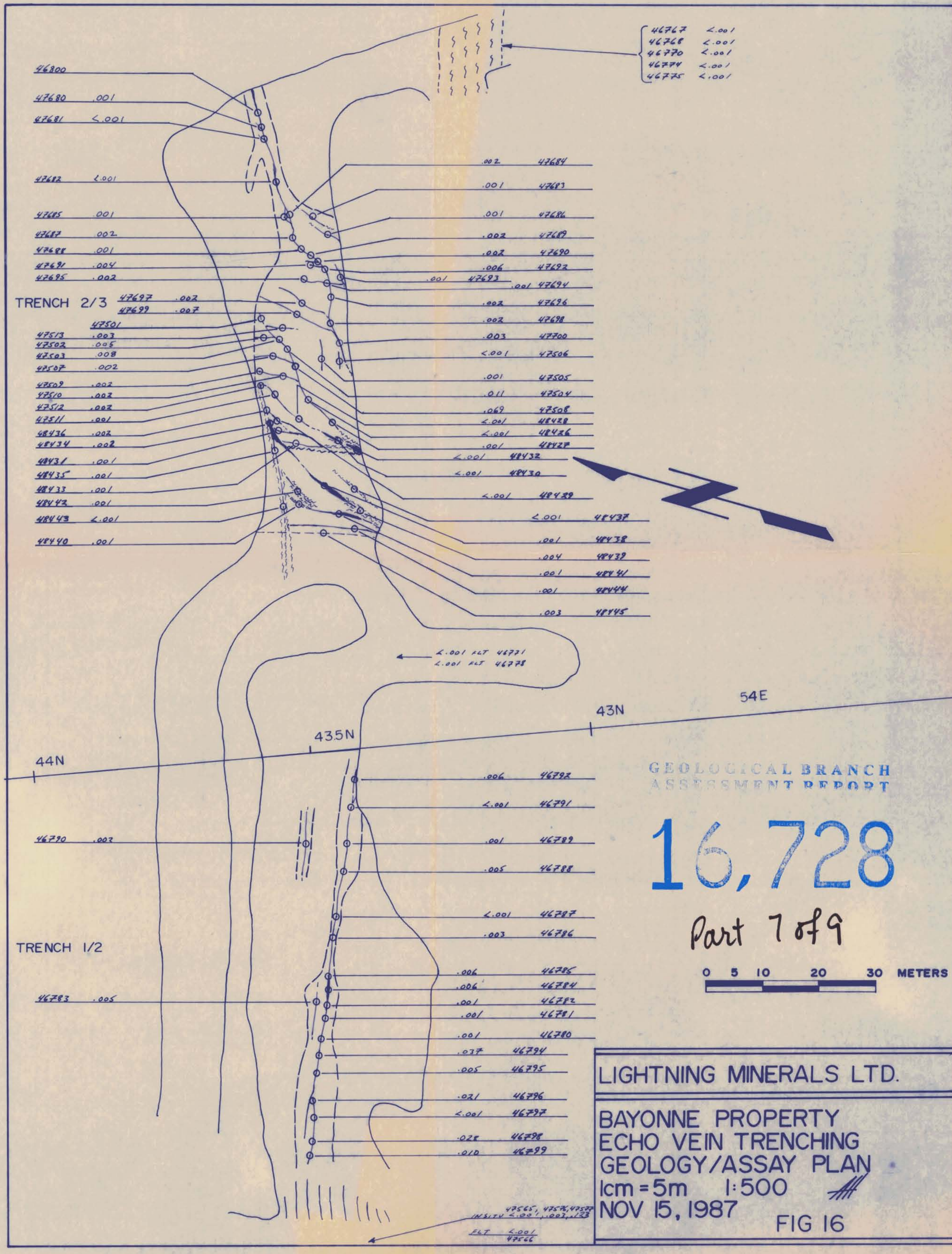


FIG 15
BAYONNE PROPERTY
EAST GRID
MAGNETOMETER
VLF-EM PLAN
ICM = 20M
OCT 22 / 1987
CM
0 40 80 120
SCALE IN METERS
N
61.75E
61E
60E
59.5 E
59E
59 E
58 E
57.5 E
57 E
56.5 E
56 E
55 E
54 E
53 E
52E
51E
50.5 E
50 E



GEOLOGICAL BRANCH
ASSESSMENT REPORT

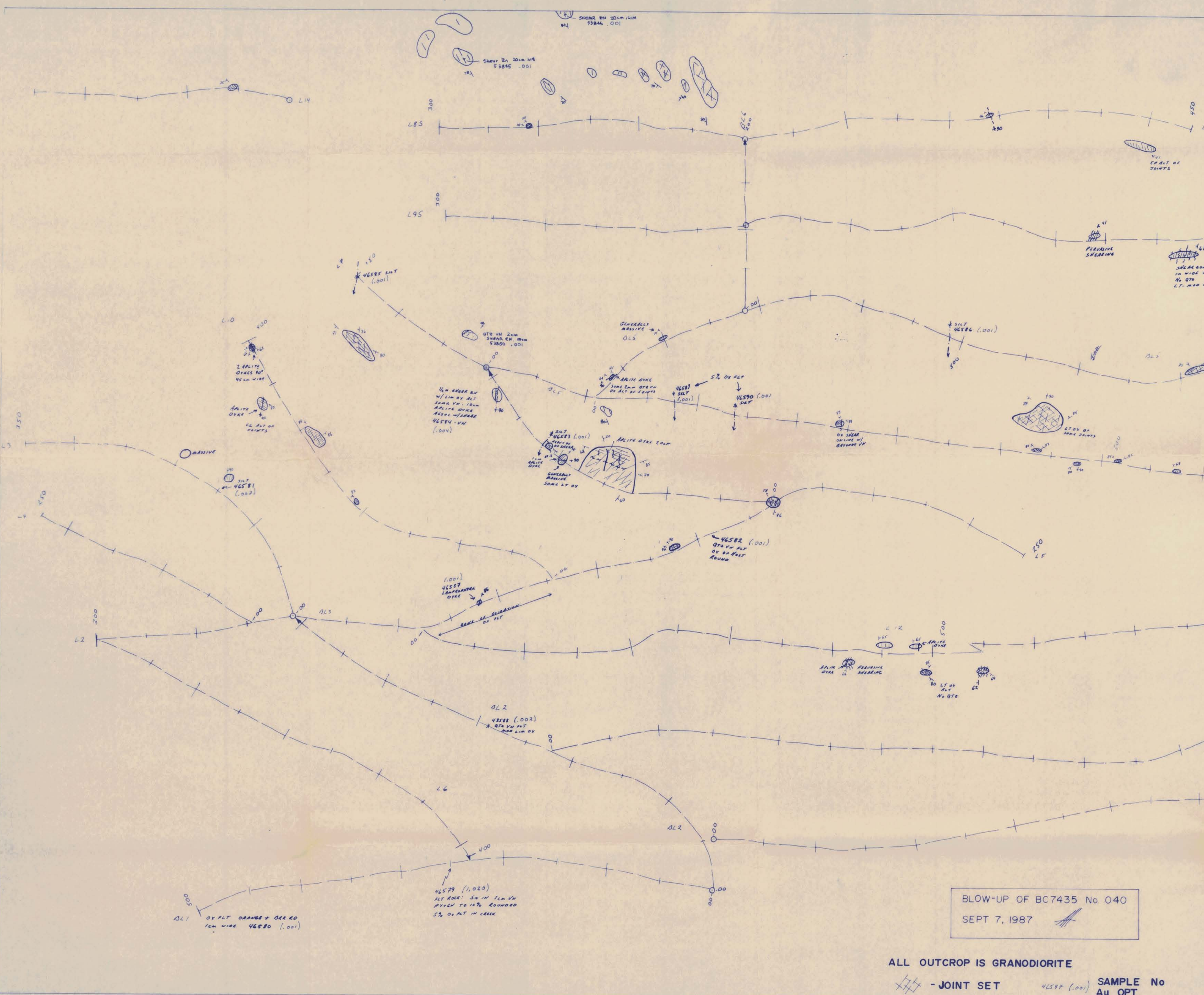
16,728

Part 7 of 9

LIGHTNING MINERALS LTD.

BAYONNE PROPERTY
ECHO VEIN TRENCHING
GEOLOGY/ASSAY PLAN
lcm = 5m 1:500
NOV 15, 1987

FIG 16



LIGHTNING MINERALS LTD

BAYONNE WEST GRID
GEOLOGY
1cm = 40 METRES

0 40 80 120
SCALE IN METERS

FIG 17

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,728

Part 7 of 9


GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,728
Part 7 of 9
FIG 18
BAYONNE WEST GRID
SOIL GEOCHEM
1cm = 40 METRES
Au PPB
0 40 80 120
SCALE IN METERS
BLOW-UP OF BC7435 No. 040
SEPT 7, 1987

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,728

Part 7 of 9

FIG 19

BLOW-UP OF BC7435 No 040
SEPT 7, 1987

BAYONNE WEST GRID
SOIL GEOCHEM
1cm = 40 METRES
Ag PPM

0 40 80 120
SCALE IN METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,728

FIG 20 Part 7 of 9

BLOW-UP OF BC7435 No. 040

SEPT 7, 1987

BAYONNE WEST GRID
SOIL GEOCHEM
1cm = 40 METRES
Pb PPM

0 40 80 120
SCALE IN METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,728

Part 7 of 9

FIG 21

BLOW-UP OF BC7435 No 040
SEPT 7, 1987

BAYONNE WEST GRID
SOIL GEOCHEM
1cm = 40 METRES
Cu PPM

0 40 80 120
SCALE IN METERS

BLOW-UP OF BC7435 No. 040

SEPT 7, 1987

FIG 22

Part 7 of 9

BAYONNE WEST GRID
SOIL GEOCHEM
1cm = 40 METRES
Zn PPM

0 40 80 120
SCALE IN METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,728
Part 7 of 9
FIG 23
BLOW-UP OF BC7435 No. 040
SEPT 7, 1987
BAYONNE WEST GRID
SOIL GEOCHEM
1cm = 40 METRES
As PPM
0 40 80 120
SCALE IN METERS

LIGHTNING MINERALS LTD.
BAYONNE-ECHO-St. ELMO-
MONTANA CLAIMS
STRUCTURAL PROFILE
1cm=50m NOV 1/1987

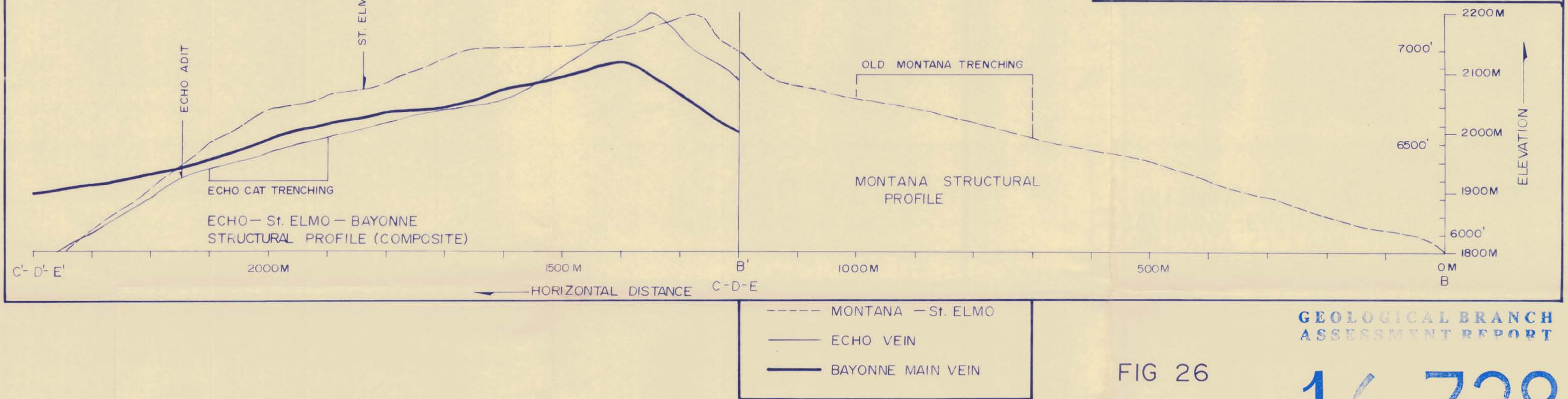


FIG 26

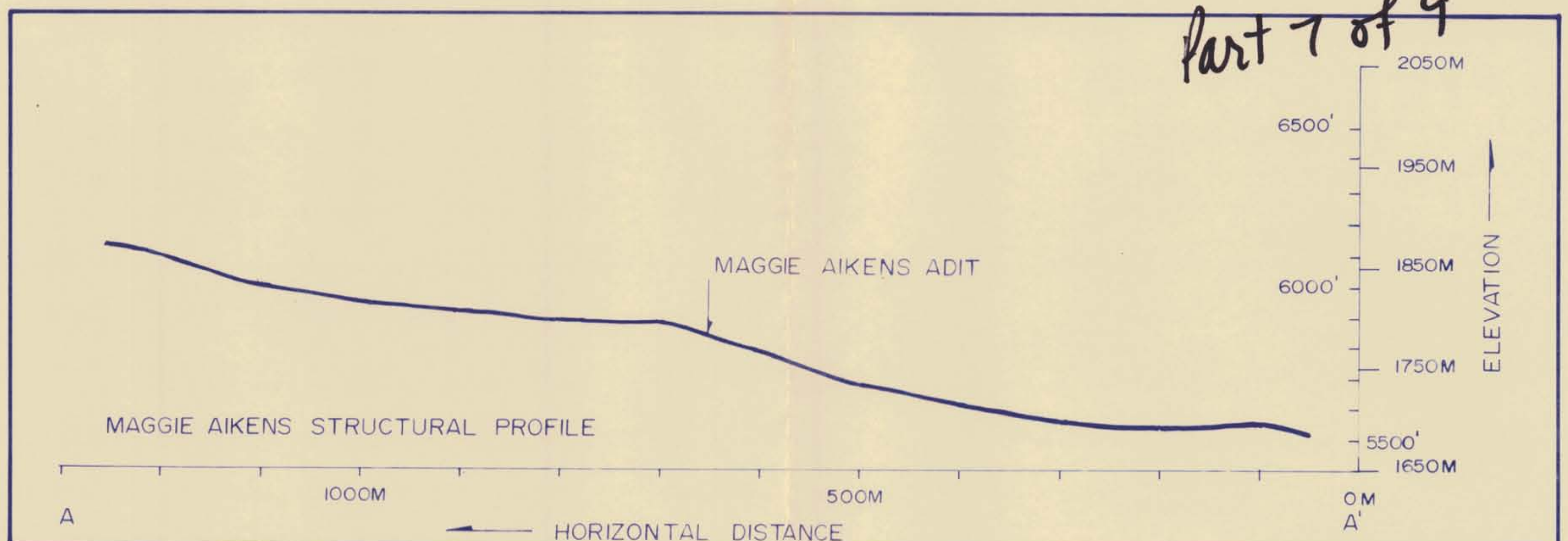


FIG 27

LIGHTNING MINERALS LTD.
MAGGIE AIKENS CLAIM
STRUCTURAL PROFILE
1cm = 50m NOV 1 / 1987