87-547 6/88

MQ Report #170
Ref: RM4203

LOG NO: 0626 RD.
ACTION: Date received report back from amendments 66 p.
FILE NO: 87-547-16413

CREIGHTON CREEK CLAIMS

GEOLOGY AND GEOCHEMISTRY

Vernon Mining Division

N.T.S. 82 L/2W, 2E

Latitude 50°~~12'~~ 10'36" N Longitude 118°~~45'~~ 46'30" W

UTM 5560000m N
374000m E

By

R.R. Gosse

of

Owner: MineQuest Exploration Associates Limited

for

Operator(s): QPX Minerals Inc.
GoldQuest Minerals Corp.

FILMED

Claim Name	Record No.	Claim Name	Record No.
Echo I	1334	Moss III	1524
Echo II	1335	Moss IV	1525
Echo III	1351	Moss V	1526
Echo IV	1352	Moss VI	1527
Hump I	1353	Moss VII	1623
Hump II	1354	Moss VIII	1624
Hump III	1355	Bonneau I	1349
Hump IV	1356	Bonneau II	1350
Hump V	1357	Bonne I	N/A
Moss I	1522	Bonne II	N/A
Moss II	1523		

GEOLOGICAL BRANCH
ASSESSMENT REPORT

August, 1987

16,413

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

In pocket

APPENDICES

1.0 INTRODUCTION

The Creighton Creek claims were staked on the basis of gold associated with anomalous quantities of arsenic in heavy mineral samples taken from stream sediments. Follow-up work in 1983 (Ridley, 1983, 1984) and 1984 (Gourlay and Hadley, 1984) consisted of geological mapping, prospecting, detailed silt sampling, and extensive grid soil sampling.

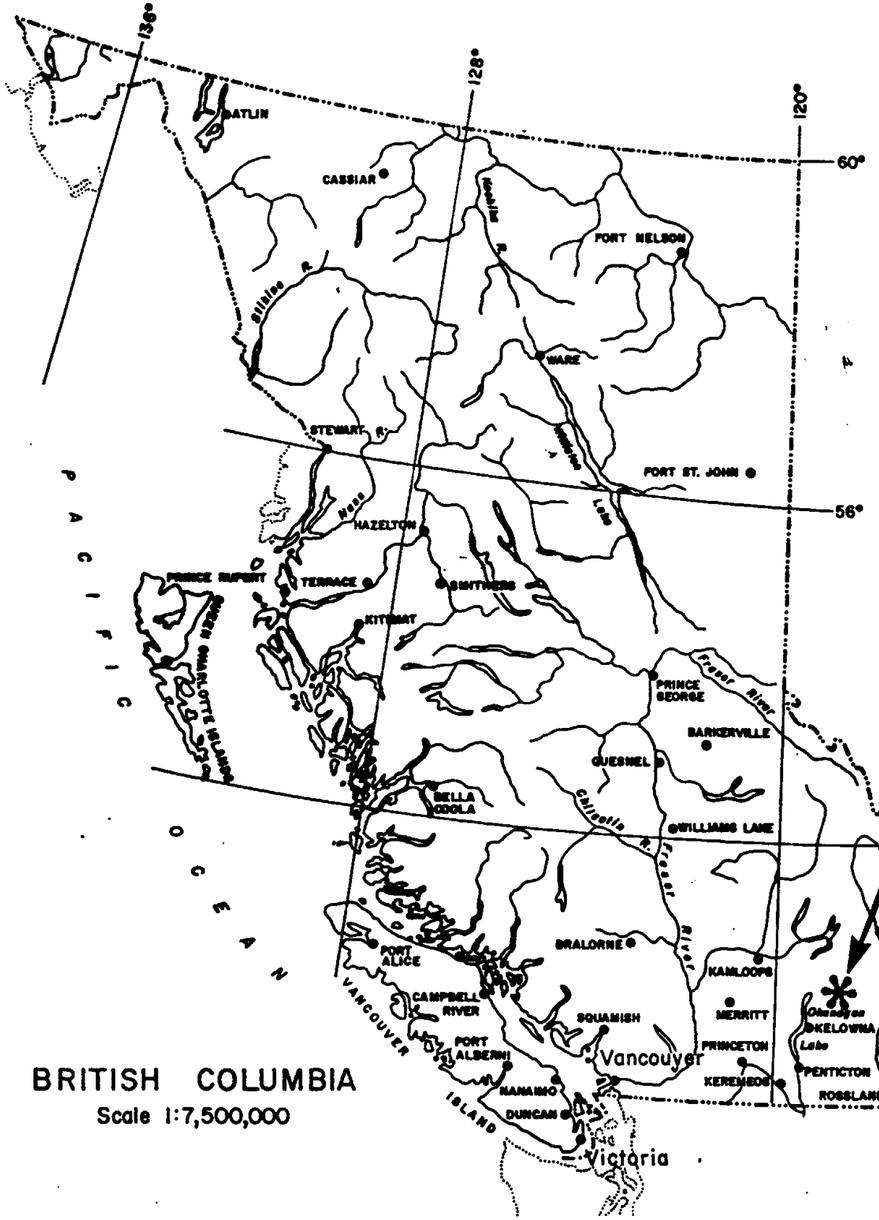
The objective of work done in June and July 1987, described in this report, was to re-assess previous efforts and to evaluate the geologic potential for epithermal gold mineralization. Field work consisted mainly of geological mapping, prospecting and soil sampling.

2.0 LOCATION, ACCESS AND TOPOGRAPHY

The Creighton Creek claims lie in south central British Columbia, 40 km east-southeast of Vernon in the Okanagan Highlands south of Creighton Valley (Figure 1).

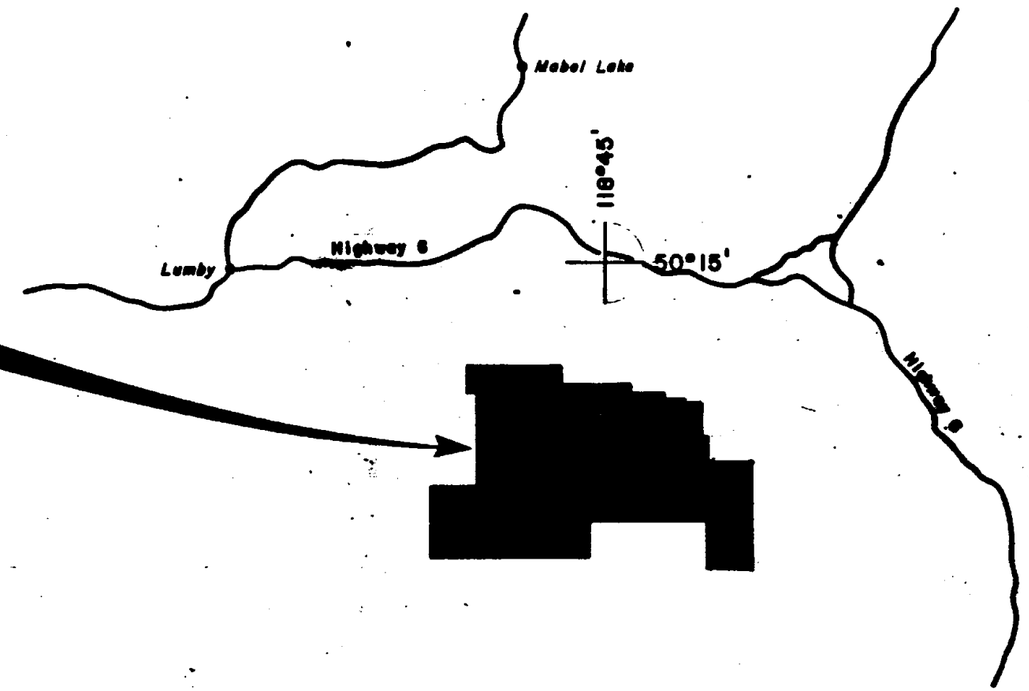
Access to the property is by Creighton Valley Road which leaves Highway 6 one kilometre east of Lumby, and by logging roads along Harris Creek, Vidler Creek, Mosquito Creek and Creighton Creek.

Topography is generally rolling with steep banks into Creighton Valley. Relief is 800 m with the highest elevations at 1800 m. Vegetation consists of fir and pine forests with moderate undergrowth. The southern end of the claim block is flat and swampy.



BRITISH COLUMBIA
Scale 1:7,500,000

PROPERTY LOCATION



SCALE 1:250,000

5 0 5 10 15 20 Km

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,413

QPX MINERALS INC.

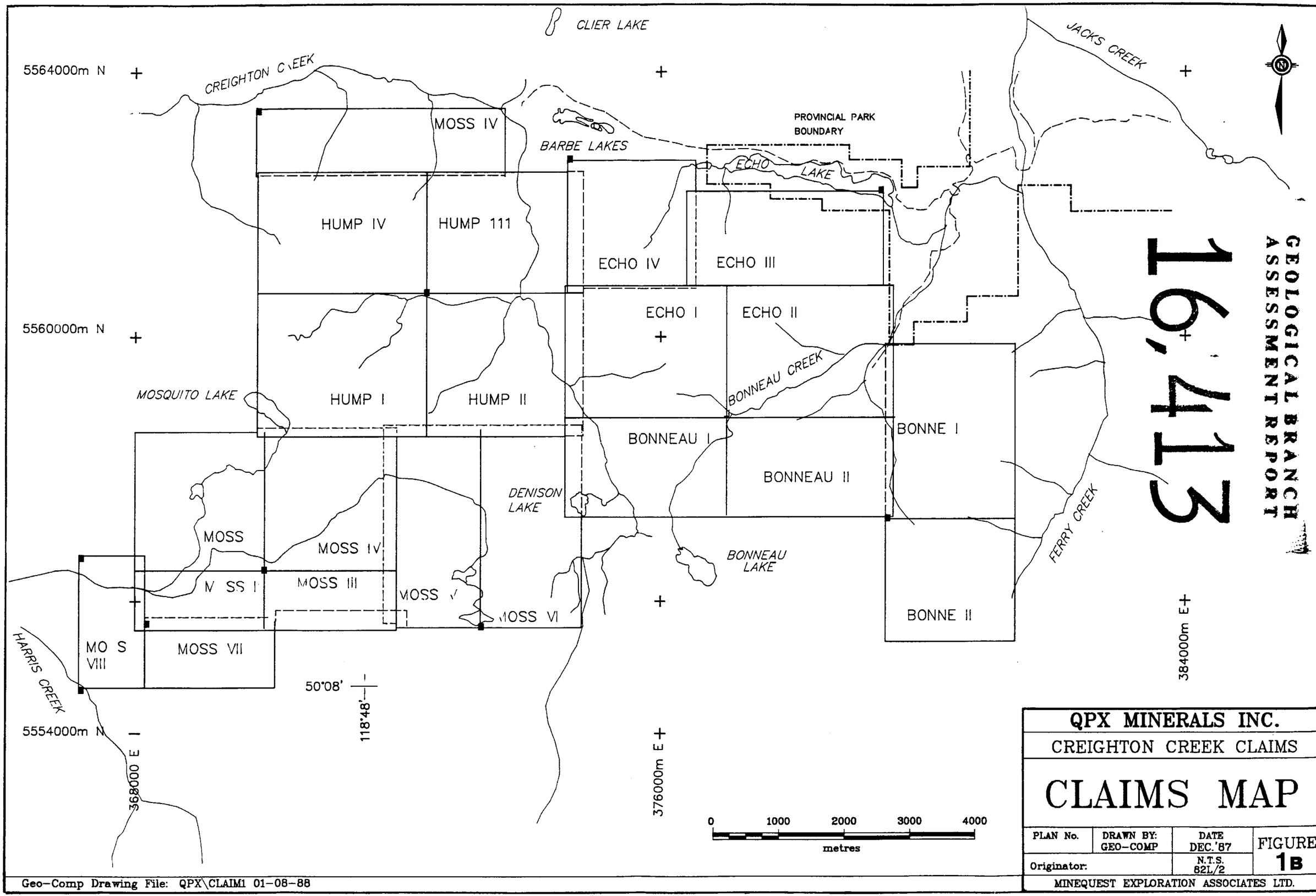
CREIGHTON CREEK CLAIMS

LOCATION MAP

PLAN NO.	DRAWN	DATE	FIGURE
505		OCT. 1983	1A
Revised		N.T.S. 82L/2	

MINEQUEST EXPLORATION ASSOCIATES LTD.

EXCLUSIVE DRAFTING SERVICES LTD.



Geo-Comp Drawing File: QPX\CLAIM1 01-08-88

QPX MINERALS INC.			
CREIGHTON CREEK CLAIMS			
CLAIMS MAP			
PLAN No.	DRAWN BY: GEO-COMP	DATE DEC.'87	FIGURE 1B
Originator:		N.T.S. 82L/2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

3.0 OWNERSHIP AND CLAIM STATUS

The claims listed below are held by QPX Minerals Inc.

Claim Status

Claim Name	Record Number	No. of Units	Due Date Before Submission of this Report
Echo I	1334	20	November 15, 1987
Echo II	1335	20	November 15, 1987
Echo III	1351	18	December 21, 1987
Echo IV	1352	16	December 21, 1987
Hump I	1353	20	December 21, 1987
Hump II	1354	20	December 21, 1987
Hump III	1355	20	December 21, 1987
Hump IV	1356	20	December 21, 1987
Hump V	1357	16	December 21, 1987
Moss I	1522	16	June 9, 1988
Moss II	1523	08	June 9, 1988
Moss III	1524	08	June 9, 1988
Moss IV	1525	16	June 9, 1988
Moss V	1526	18	June 9, 1988
Moss VI	1527	18	June 9, 1988
Moss VII	1623	08	October 31, 1987
Moss VIII	1624	08	October 31, 1987
Bonneau I	1349	15	December 21, 1987
Bonneau II	1350	15	December 21, 1987
Bonne I	N/A	20	N/A
Bonne II	N/A	16	N/A

4.0 HISTORY AND PREVIOUS WORK

No metal occurrences have been reported on the Creighton Creek claims but the western portion was explored and drilled for uranium in 1977-78 by E and B Explorations Limited.[1] The Chaput Mine[2], located 18 km northwest of the claims, produced 40,000 tons of ore containing lead, zinc, gold, silver and copper from quartz veins in Cache Creek Group metasediments. A few gold, silver and lead properties were reported[3] near Harris Creek to the west and Monashee Creek to the east of the Creighton Creek claims. Mineralization was associated with quartz veining in all occurences reported. Placer gold was found in Harris Creek[4] and Cherry Creek[5].

4.1 Previous Work

The Echo, Hump, and Bonneau claims were staked by MineQuest Exploration Associates Ltd. in 1982, on the basis of gold associated with anomalous quantities of arsenic in heavy mineral concentrates. The Moss claims were staked in 1983.

An initial silt sampling and prospecting program in the early part of the 1983 field season defined targets on the Echo, Hump, and Moss claims. Follow-up work of grid soil sampling was conducted late in 1983.

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1. Assessment Reports 6595, 6596, 7075 and 7178
2. Mindep File No. 82LSE 006
3. Mindep File No's 82LSE 003, 025, 034, and 035
4. Assessment Report 7178
5. Mindep File No. 82LSE 013

In 1984, follow-up rock and soil sampling on the Echo, Moss and Hump grids failed to produce any values of interest. Two contour soil lines around the Creighton Creek drainage area located several single station gold anomalies close to the creek. The entire claim block was mapped at a scale of 1:10,000 which resulted in the first understanding of the Tertiary stratigraphy. In conjunction with detailed silt sampling, geological mapping directed future work toward the base of a coarse clastic unit underlying the Plateau Lava.

5.0 WORK CARRIED OUT IN 1987

5.1 Geological Mapping

Further geological mapping of the Creighton Creek claims at a scale of 1:10,000 focussed on the Tertiary volcanic and sedimentary sequences thought to belong to the Kamloops Group. Outcrop is less than 5% in forested areas but cliffs and clear cuts provide up to 10% exposure. The geology is shown in Figure 2.

5.2 Rock Chip Sampling

A total of 222 rock chip samples were collected. Each sample was first crushed to -3/16" and a 1/2 lb. split then pulverized to -100 mesh. Samples were analyzed for gold by graphite furnace AA after MIBK extraction, mercury by cold vapour AA and 30 other elements by ICP. Results are given in Appendix I.

5.3 Sediment Sampling (from active channel)

A total of 21 silt samples were collected from streams draining the Bonne I and II claims. Silt samples were sieved to -80 mesh and concentrations for gold and 30 elements were determined using the same analytical methods that were used for rock samples. Results are given in Appendix II.

Two 16 lb. sediment samples were collected from Ferry Creek for laboratory separation and analysis by neutron activation. The results for these samples have not been received.

5.4 Soil Sampling (from "B" horizon)

A total of 418 soil samples were collected over anomalies defined by earlier geochemical surveys on the Echo I, II and III grids. This consisted of reducing the original composite sample spacing (100 m x 50 m) to 25 m by 20 m spacing. In addition, each detailed grid was extended to cover the projected extensions of previously defined anomalies.

Samples were sieved to -80 mesh and analyzed for gold by graphite furnace AA and 10 elements by ICP. Results are given in Appendix III.

5.5 Personnel

Geological mapping by R. Gosse and prospecting by L. Allen was assisted by J. Lainsbury. Soil sampling was carried out by L. Wensley and B. Ponting. The program was under the direction of R.V. Longe.

6.0 GEOLOGY

6.1 Regional Geology

According to Jones (1959) and Okulitch and Campbell (1979) the regional geology consists of an Archean or Proterozoic basement of Shuswap metamorphics overlain by Paleozoic sediments and andesitic volcanics. These rocks have been intruded by Jurassic - Cretaceous Coast Intrusions, and overlain by Tertiary Kamloops Group volcanics and sediments.

6.2 Property Geology

The property covers the contact between the older, metamorphic terrain of the Shuswap Complex to the north, and the overlying unmetamorphosed volcanics and sediments. Paleozoic rocks underlie the Bonne I and II claims in the east.

6.3 Stratigraphy

6.3.1 Shuswap Metamorphic Complex

The Monashee Complex, composed of mica schist and granitoid gneiss forms the basement rock. The complex is exposed along Creighton Creek and on the east half of the claims.

Gourlay and Hadley (1984) report:

> "The biotite schist is rusty brown to grey-weathering and displays a well-developed foliation. Fresh surface is dark grey and relic bedding is visible as changes in grain size from very fine to fine-grained. The biotite schist contains interbeds of quartzite that carry disseminated pyrite and minor arsenopyrite and chalcopyrite."

Granitoid gneisses appear dioritic to monzodioritic in composition. Fresh faces are grey while weathered surfaces are rusty brown.

> "Biotite defines a well developed foliation. The rock is fine to medium grained, with an equigranular groundmass 1 to 4mm size, and is rarely porphyritic. Quartz phenocrysts comprise much less than 1% of the rock, are anhedral, and less than 5mm size. Plagioclase phenocrysts are subhedral, less than 5mm size, and less than 1% of the rock. Biotite is 1 to 4mm size, subhedral to euhedral, and is 5 to 15% of the rock, parallel to foliation."
>
> (Gourlay and Hadley, 1984)

The gneisses are commonly garnetiferous with occassional disseminated pyrite.

6.3.2 Thompson Assemblage

Carboniferous andesite tuff and limestone occur along the left fork of Bonneau Creek below 3500'. At this location, andesite is the predominant rock type with several narrow beds (<1 m) of limestone. Both rock types are locally pyritic, clay-rich, fractured and contain fine quartz veins and veinlets.

Greater thicknesses of limestone are known to occur uphill to the southeast and along Ferry Creek.

6.3.3 Valhalla Plutonic Rocks

Two medium-grained diorite dykes are thought to be related to Late Jurassic plutonism. The dykes are 25 to 30 m in width and cut across Shuswap mica schists. Minor quartz veining in the schist occurs near the intrusive contact.

A larger body of diorite intrudes the Thompson Assemblage towards Ferry Creek and may have caused widespread quartz veining in the Paleozoic volcanics and sediments.

6.3.4 Rhyolite Porphyry Dykes

Gourlay and Hadley (1984) describe these rocks to be composed of "phenocrysts of both euhedral to subhedral plagioclase and subhedral to rounded quartz eyes set in an aphanitic groundmass." It is possible that they belong to a group of Jurassic sills, dykes and cactoliths that permeate the Shuswap Complex and the core of the Silver Star Anticline west of Lumby (Okulitch, 1979).

6.3.5 Kamloops Group

The western half of the property is underlain by a sequence of volcanic rocks probably belonging to the Kamloops Group. The lowest unit exposed is a tuffaceous complex of indeterminate thickness which includes rhyolite ash-fall tuff and lesser volumes of lapilli-tuff and tuffaceous breccia. The ash tuff is occasionally stratified and frequently columnar jointed.

Overlying the tuffs is an arcuate belt of volcanic flows that include (up-section) rhyolite flow and flow breccia (to 150m), basalt flow and flow breccia (to 50m) and a thick apron (300-500 m) of lahar or debris flows that contains at least two additional

rhyolite flows and minor fluvial sediments. A petrographic description of basalt flow breccia (RG-84) is given in Appendix IV.

The semi-circular tuff-flow contact appears to outline an eroded cone structure approximately 3 km in diameter. East of Mosquito Lake, a small (400-600 in dia.) tuff cone formed on the southeast flank of the main tuffaceous complex and was subsequently buried by the succession of subaerial volcanic flows and laharic deposits. Two other circular structures north of Vidler Creek (750 m dia. and 2 km dia.) were identified from airphoto studies by V. Campbell (Appendix V). Splendid cliff exposures of the tuff at Camels Hump record a 45° slope dipping to the north. These features suggest a field of tuff cones, perhaps forming a single composite cone, at least 10 km in diameter.

The Creighton volcanic sequence is the southernmost exposure of a south-east trending string of small isolated Tertiary volcanic piles that lie to the east of the Barriere-Vernon fault zone. The Trinity Hills sequence, 20 km NNW of Creighton Valley, has been dated as Middle Eocene allowing a possible equivalence to the well-known Kamloops Group sequences west of the Barriere-Vernon fault zone. However, stratigraphic correlations and geochemical evidence will be required before these rocks are fully accepted as part of the alkali-rich calc-alkaline Kamloops Group volcanic suite (Ewing, 1981).

6.3.6 Miocene Sediments

These rocks are described by Gourlay and Hadley (1984) as:

> "a coarse clastic unit of Miocene (?) age. Most exposure is east of Creighton Creek, where the base of the clastic unit is more indurated than the upper sections. Vesicular basalt clasts vary from 5 to 50cm size, with minor amounts of foliated biotite schist and quartz diorite, quartz, olivine nodules, and occasionally obsidian fragments. The clasts are all angular and the matrix is a fine to medium grained basalt sand. The conglomerate grades up section into a poorly sorted grit. The grit displays highly variable bedding and cross-bedding, and dips gently to the south. Crude bedding in the conglomeratic section is often calcite cemented, with minor quartz cement."

There are no known exposures showing the volcanic (Kamloops Group) sediment contact. Spatial and compositional (RG-83 petrographic examination, Appendix IV) similarities support on association with the overlying plateau lava.

6.3.7 Plateau Lava

Unconformably overlying the Tertiary sediments are Miocene basalt flows. Gourlay and Hadley (1984) describe the basalt as:

> "massive and vesicular with calcite and minor zeolite infilling. Colour is dark grey on both fresh and weathered surfaces, and it has a low lustre. Columnar jointing is well developed, and the flows are very scoriaceous and vesicular near the contact with the coarse clastic unit."

7.0 GEOCHEMICAL RESULTS

7.1 Rock Chip Sampling

The results from the rock chip sampling are given in Appendix 1. The gold values are generally low and the source of the strong values found in the 1983 surveys has not been found.

The highest gold value is 1080 ppb (sample LES-115) collected from a 40 cm wide zone of silicified mica schist that occurs within an 18m wide outcrop of fractured, clay-rich and limonitic schist. Twelve subsequent samples collected from the outcrop ranged from 1 to 9 ppb Au.

Elevated gold (LES-158) and arsenic (LES-204) values are from samples of quartz veins south of Bonneau Creek. The veins occur in the Thompson Assemblage near the Jurassic intrusive contact.

7.2 Sediment Sampling

The results from the silt sampling are given in Appendix II.

Two tributaries of Ferry Creek contained high gold concentrations. Follow-up silt sampling along the most anomalous stream failed reproduce the original high value.

7.3 Soil Sampling

The results from the soil sampling are given in Figures 4, 5 and 6 and Appendix III.

Detailed sampling and grid extension of the Echo I and II grids produced few values of interest.

Detailed sampling over the Echo III grid reproduced the high gold values found using composite soil samples. Moderately anomalous zinc values and weak copper and silver values occur with some of the anomalous concentrations of gold.

8.0 CONCLUSIONS

8.1 The Creighton Creek volcanic sequence probably belongs to the Lower to Middle Eocene Kamloops Group. The eastern sedimentary sequence is probably younger (Miocene) and may be associated with the overlying Plateau Lava. These Tertiary rocks appear to be suitable host-rocks for epithermal gold mineralization in terms of porosity and geological setting but characteristic trace element distributions and alteration assemblages have not been recognized.

8.2 Detailed soil geochemistry over gold anomalies previously defined by composite samples failed to reproduce anomalous values on the Echo I and II grids. High concentrations of gold in soil on the Echo III grid was confirmed by detailed sampling.

8.3 Silt and rock geochemistry led to the location of gold and arsenic-bearing quartz veins in Paleozoic limestone (Thompson Assemblage). The vein system may be related to Late Jurassic (Valhalla) magmatism.

9.0 REFERENCES

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APPENDIX I

Rock Results

105

40 RWL-3 "-2E
2 " RRG

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: Rock Chips AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUNE 9 1987 DATE REPORT MAILED: June 16/87 ASSAYER..DeToye..DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATIONS PROJECT - EHB File # 87-1671

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	HG PPB
JL-1	1	14	4	3	.1	7	2	67	.45	2	5	ND	1	8	1	2	2	1	.04	.003	2	2	.02	14	.01	2	.11	.01	.02	1	1	5
RG-1	1	8	10	32	.1	1	4	174	1.12	2	5	ND	8	288	1	2	2	35	1.36	.048	26	3	.38	1198	.08	2	2.40	.15	.78	1	1	10
RG-2	1	5	12	26	.1	1	6	156	.85	2	5	ND	9	395	1	2	2	32	.95	.045	28	5	.34	2428	.09	2	1.98	.14	.66	1	1	10
RG-3	1	7	2	3	.1	2	1	54	.58	2	5	ND	1	8	1	2	3	2	.07	.019	2	2	.04	51	.01	4	.07	.01	.03	1	3	5

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: Rock Chips AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUNE 19 1987 DATE REPORT MAILED: June 25/87 ASSAYER. D. Toye .DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT - EHB File # 87-1882 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	HG PPB
JL-2	1	1	4	6	.1	1	1	130	.65	2	5	ND	22	4	1	2	2	6	.03	.010	22	1	.05	18	.03	2	.14	.04	.06	1	1	10
RG-4	1	6	4	6	.2	3	1	37	.69	2	5	ND	1	14	1	2	2	9	.03	.005	2	3	.01	11	.01	2	.12	.03	.04	1	2	5
RG-5	1	8	8	19	.1	1	2	123	1.05	2	5	ND	6	90	1	2	3	22	.36	.043	17	2	.34	283	.08	2	.92	.05	.32	1	1	5
RG-6	1	8	2	20	.1	6	2	112	.70	2	5	ND	2	47	1	2	3	22	.35	.077	14	8	.11	174	.08	2	.36	.03	.26	1	1	5
RG-7	1	10	7	25	.1	4	4	311	.76	3	5	ND	5	186	1	2	2	51	.82	.128	35	21	.15	825	.14	2	1.25	.05	1.05	1	1	5
RG-8	1	8	7	21	.1	5	3	180	.59	2	5	ND	6	222	1	2	3	49	.80	.095	41	22	.22	1002	.13	2	1.45	.04	.83	1	2	5
RG-9	2	6	3	22	4.7	7	2	81	.64	5	5	ND	1	4	1	2	2	5	.03	.010	2	6	.01	15	.01	2	.10	.01	.02	1	1	20
RG-10	37	15	31	12	.8	3	3	118	1.04	2	5	ND	2	15	1	2	31	3	.06	.018	2	2	.03	15	.01	3	.18	.01	.08	1	15	10
RG-11	1	15	2	22	.1	4	6	247	3.22	3	5	ND	3	20	1	2	2	41	.50	.065	11	11	.18	57	.10	2	.59	.08	.18	1	3	5
RG-12	1	20	10	56	.1	8	5	367	2.18	2	5	ND	6	107	1	2	5	57	1.07	.151	35	14	.59	519	.20	2	1.49	.06	.69	1	2	5
RG-13	1	11	2	25	.1	2	3	108	.60	3	5	ND	5	98	1	2	3	43	.65	.155	36	19	.20	447	.05	2	.79	.08	.60	1	3	10
RG-14	1	27	14	93	.1	18	11	1140	4.59	6	5	ND	7	75	1	2	5	90	1.11	.187	48	48	1.20	168	.14	2	1.73	.10	.29	1	1	20
RG-15	1	4	2	1	.1	2	1	27	.16	2	5	ND	4	16	1	2	2	1	.29	.004	3	2	.01	12	.01	2	.47	.10	.06	1	1	5
STD C/AU-S	19	59	40	133	7.0	65	28	1024	3.98	43	20	8	33	48	17	17	22	61	.48	.105	35	57	.91	178	.08	33	1.72	.07	.14	13	54	1300

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: Rock Chips AUS ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUNE 22 1987 DATE REPORT MAILED: June 25/87 ASSAYER. ..DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT - EHB File # 87-1929

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	HG PPB
LES-101	2	5	8	17	.1	2	1	92	1.08	2	5	ND	1	14	1	2	2	11	.13	.027	2	4	.32	23	.07	15	.54	.08	.06	1	1	5
LES-102	1	6	6	5	.1	2	1	89	.40	2	5	ND	8	6	1	2	2	5	.04	.002	2	3	.03	9	.01	2	.17	.06	.08	1	1	5
LES-104	2	17	8	5	.1	4	1	105	.72	2	5	ND	27	3	1	2	2	4	.02	.001	23	5	.02	10	.02	2	.14	.06	.06	1	1	10
LES-105	1	4	16	7	.1	2	1	199	.48	2	5	ND	6	12	1	2	4	3	.08	.011	6	3	.03	17	.01	2	.22	.06	.12	1	1	5
LES-106	4	33	10	18	.1	12	10	190	1.98	2	5	ND	1	147	1	2	2	39	1.86	.088	2	7	.37	59	.15	14	2.04	.37	.09	1	1	5
LES-107	1	5	2	7	.2	2	1	42	.31	2	5	ND	23	6	1	2	2	6	.06	.001	23	3	.02	6	.03	2	.18	.06	.10	1	2	5
LES-108	1	182	7	20	.1	7	3	258	2.30	6	5	ND	1	41	1	2	2	54	3.33	.085	2	8	.59	38	.14	2	2.61	.06	.05	1	1	5
LES-109	1	3	5	29	.1	5	3	783	1.49	2	5	ND	1	118	1	2	2	37	5.05	.053	2	10	.61	25	.03	2	.82	.07	.07	1	1	5
LES-110	3	8	3	8	.1	4	1	93	.53	2	5	ND	3	6	1	2	2	7	.18	.015	5	6	.09	19	.05	2	.21	.06	.06	1	1	5
LES-111	1	34	22	71	.5	4	2	431	1.71	2	5	ND	1	18	1	2	2	11	.68	.049	3	7	.25	19	.08	2	.43	.08	.19	1	12	5
LES-112	1	34	7	47	.2	12	4	703	1.59	2	5	ND	1	580	1	2	2	25	6.87	.050	2	10	.47	75	.06	33	3.18	.36	.12	2	1	10
LES-113	1	3	2	2	.1	2	1	89	.37	2	5	ND	3	1	1	2	2	1	.02	.001	2	3	.01	2	.01	2	.09	.04	.04	1	1	5
LES-114	1	59	5	43	.2	15	15	343	3.19	2	5	ND	2	41	1	2	2	80	.95	.107	5	16	.88	267	.19	2	1.20	.14	.11	1	1	5
LES-115	2	13	11	5	1.3	7	1	36	.38	2	5	ND	1	6	1	2	2	4	.01	.001	3	8	.05	9	.01	2	.08	.01	.01	1	1090	5
RG-16	1	3	12	32	.1	3	3	148	1.16	3	5	ND	8	342	1	2	2	36	1.12	.057	26	3	.37	1264	.09	2	2.29	.11	.98	1	1	5
RG-17	6	22	17	67	.3	5	5	193	1.64	2	5	ND	18	33	1	2	2	38	.28	.029	19	11	.37	161	.11	2	.81	.12	.37	1	2	5
RG-18	3	8	5	7	.1	2	1	88	.56	2	5	ND	28	3	1	3	2	5	.02	.004	14	3	.01	8	.04	2	.25	.06	.08	1	1	5
RG-19	2	1	2	2	.1	4	1	43	.30	2	5	ND	1	24	1	2	2	2	.02	.001	2	4	.02	12	.01	2	.07	.02	.01	1	1	5
RG-20	1	13	3	8	.1	11	3	170	.60	16	7	ND	7	25	1	2	3	12	.31	.018	4	10	.14	99	.03	2	.47	.10	.08	1	1	5
RG-21	2	48	2	3	.1	28	5	54	.68	2	5	ND	1	10	1	2	2	4	.05	.004	2	10	.06	11	.01	2	.17	.02	.02	1	3	5
RG-22	1	36	6	79	.1	201	33	893	6.71	5	5	ND	2	181	1	2	2	94	1.61	.095	15	79	2.78	110	.74	2	2.89	.39	.30	1	1	5
RG-23	1	26	8	68	.1	81	23	736	5.77	3	5	ND	1	264	1	2	2	91	4.49	.141	14	58	2.59	113	.75	2	4.70	2.48	1.01	1	1	5
RG-24	1	37	15	69	.1	163	27	824	5.79	6	5	ND	2	159	1	2	2	87	4.42	.128	13	76	3.75	231	.76	2	3.45	.41	.59	1	1	5
STD C/AU-R	20	58	38	131	6.8	69	28	995	3.84	42	16	8	34	47	17	16	21	62	.45	.098	35	58	.86	173	.08	34	1.68	.07	.13	14	490	1300
RG-25	1	27	13	66	.1	69	21	738	5.71	3	5	ND	2	219	1	2	2	82	4.42	.152	14	51	2.47	117	.77	8	4.45	2.31	1.02	1	1	5
RG-26	1	25	9	69	.1	79	24	757	5.86	4	5	ND	2	149	1	2	2	93	3.92	.138	14	58	2.64	144	.76	3	4.88	3.62	.91	1	1	5
RG-27	1	35	10	68	.1	140	27	764	5.79	7	5	ND	2	213	1	2	2	102	3.60	.116	13	74	3.79	120	.77	2	4.02	1.64	.91	1	1	5

ACME LYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVE .C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

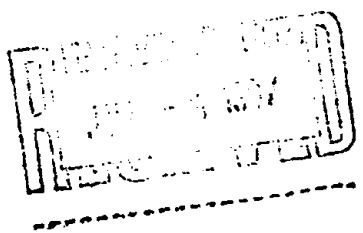
Copy 2 - KVR

.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-SILT AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. MG ANALYSIS BY FLAMLESS AA.

DATE RECEIVED: JUNE 26 1987 DATE REPORT MAILED: July 1/87 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT - EHB File # 87-2027 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	MG PPB
RG-28	1	32	8	76	.1	125	27	833	6.51	4	5	ND	3	244	1	2	2	93	3.42	.108	14	62	3.71	100	.83	2	4.32	1.41	.62	1	1	20
RG-30	2	4	2	3	.1	2	1	35	.33	2	5	ND	1	4	1	2	2	1	.05	.001	2	3	.01	2	.01	2	.05	.01	.01	1	2	5
RG-31	2	5	2	8	.2	3	1	92	.43	14	5	ND	1	2	1	2	3	8	.03	.007	2	3	.07	2	.01	2	.09	.01	.02	1	1	5
RG-32	1	22	2	9	.3	5	2	90	1.17	6	5	ND	1	16	1	2	2	7	.16	.009	2	3	.09	6	.04	2	.23	.04	.03	1	2	5
RG-33	2	4	2	1	.2	1	1	41	.31	2	5	ND	1	1	1	3	2	1	.01	.001	2	3	.01	2	.01	2	.01	.01	.01	1	1	5
LES-116	2	2	7	12	.2	1	1	99	.64	2	5	ND	36	2	1	2	2	5	.04	.002	33	3	.04	5	.03	2	.26	.05	.09	1	1	5
LES-117	3	1	13	9	.2	3	1	77	.65	4	5	ND	32	2	1	2	2	4	.01	.003	20	2	.02	3	.04	2	.22	.06	.11	1	1	5
LES-118	1	34	9	87	.1	122	27	761	7.81	3	5	ND	2	441	1	2	2	99	5.28	.104	15	54	1.08	153	.46	2	4.60	.58	.36	1	1	29
LES-119	1	1	4	52	.1	4	1	1112	.77	2	5	ND	1	84	1	2	2	8	24.50	.023	4	3	.05	10	.02	2	.28	.01	.01	1	1	5
LES-120	2	1	2	14	.1	2	1	162	.28	2	6	ND	1	152	1	2	3	1	36.43	.002	2	3	.09	8	.01	2	.07	.01	.02	1	1	5
LES-121	1	1	2	10	.1	1	1	64	.19	2	8	ND	1	196	1	2	2	1	37.48	.003	2	1	.08	22	.01	2	.02	.01	.01	1	1	5
LES-122	1	25	6	105	.1	12	13	784	5.20	7	5	ND	2	9	1	2	2	99	.40	.033	8	21	1.66	38	.03	2	2.06	.03	.08	1	2	5
LES-125	1	3	9	8	.1	6	1	334	.67	2	5	ND	1	95	1	2	2	6	15.28	.022	4	4	.26	16	.02	3	.33	.01	.02	1	1	5
LES-128	1	4	2	29	.1	1	1	293	1.01	5	5	ND	1	109	1	2	2	23	32.11	.007	2	3	.10	9	.01	2	.03	.01	.01	1	7	10
LES-130	3	41	9	40	.2	11	11	395	3.56	10	5	ND	3	88	1	2	2	30	6.00	.099	7	20	1.46	28	.01	2	1.53	.04	.11	1	1	30
LES-133	1	70	5	57	.1	13	8	371	2.86	4	5	ND	2	10	1	2	2	58	.33	.017	3	15	1.02	47	.03	2	.98	.04	.09	1	1	5
LES-134	1	37	7	113	.1	4	3	276	2.39	3	5	ND	3	10	1	2	2	41	.15	.023	4	7	.72	67	.01	2	1.03	.04	.14	1	1	20
LES-135	1	1	4	10	.1	1	1	438	.33	2	10	ND	1	310	1	2	2	1	31.17	.007	2	1	.16	4	.01	2	.04	.01	.01	1	1	5
LES-141	5	8	5	11	.1	1	1	93	.65	3	8	ND	25	3	1	2	4	4	.01	.003	17	3	.03	9	.02	2	.20	.05	.09	1	1	5
LES-142	2	12	6	10	.1	7	2	82	.44	2	5	ND	4	17	1	2	2	5	.84	.024	5	4	.13	36	.05	2	.15	.04	.03	1	1	5
LES-143	2	4	3	14	.2	2	1	86	.41	3	5	ND	5	2	1	2	3	1	.03	.003	2	1	.02	9	.01	2	.17	.04	.11	1	1	5
LES-144	1	8	11	24	.1	3	2	150	.65	6	8	ND	6	7	1	2	3	5	.17	.012	4	3	.08	9	.01	2	.18	.02	.06	2	1	5
LES-145	2	9	5	11	.1	3	1	50	.65	5	5	ND	1	1	1	2	2	2	.01	.003	2	3	.01	2	.01	2	.02	.01	.02	1	1	5
LES-146	1	8	7	6	.4	1	1	49	.81	2	5	ND	1	13	1	2	2	3	.10	.012	2	3	.02	4	.02	2	.10	.02	.01	1	2	5
LES-147	2	26	24	37	.3	1	2	195	1.50	7	5	ND	1	12	1	2	2	21	.15	.043	2	5	.26	14	.07	2	.44	.03	.07	1	1	5
STD C/AU-R	21	60	41	139	7.1	71	29	1047	4.00	42	19	8	35	49	18	18	22	66	.45	.089	36	61	.84	184	.09	35	1.84	.07	.15	14	490	1500



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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 5ML 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* ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JULY 04 1987 DATE REPORT MAILED: July 10/87 ASSAYER. Dean Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT - EHB File # 87-2204 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	HG PPB
JL 3	1	79	2	105	.1	1	11	919	5.82	3	5	ND	2	35	1	2	2	83	3.68	.081	8	1	1.38	13	.03	2	2.63	.02	.03	1	4	10
JL 4	1	56	5	15	.3	3	5	414	.74	7	5	ND	1	25	1	2	2	2	2.56	.004	2	3	.05	5	.01	2	.09	.01	.01	1	3	5
JL 5	1	37	10	87	.1	97	33	565	8.13	2	5	ND	3	460	1	2	2	90	3.94	.104	19	65	1.29	152	.71	2	5.06	.70	.43	1	1	5
JL 6	1	57	4	83	.1	2	17	378	3.92	2	5	ND	1	82	1	2	2	49	1.45	.056	2	1	2.31	40	.21	9	3.39	.03	.09	1	1	10
JL 7	1	6	2	11	.1	1	1	227	.31	2	5	ND	1	173	1	2	2	1	40.58	.010	2	2	.08	6	.01	2	.06	.01	.02	1	1	10
JL 8	1	30	14	83	.1	110	45	986	6.40	2	5	ND	3	293	1	2	2	69	2.93	.089	17	82	3.69	1050	.39	2	4.99	.28	.51	1	1	20
JL 9	1	23	10	75	.1	48	26	801	7.00	2	5	ND	2	236	1	2	2	74	3.05	.102	17	44	3.95	76	1.16	2	6.02	2.39	.44	1	1	10
JL 10	1	29	10	75	.1	77	29	707	6.76	6	5	ND	2	154	1	2	2	85	4.98	.102	16	72	3.67	12	1.13	10	5.60	1.95	.33	1	2	5
LES 148	1	7	2	30	.2	1	1	87	.71	2	5	ND	1	11	1	2	2	5	.18	.018	3	2	.08	11	.03	2	.24	.05	.05	1	1	5
LES 149	6	6	7	3	.1	1	1	29	.35	2	5	ND	1	1	1	2	2	1	.04	.002	2	1	.02	1	.01	2	.04	.01	.01	1	1	5
LES 150	1	3	8	5	.2	3	1	46	.43	2	5	ND	25	2	1	3	2	2	.03	.002	12	2	.02	4	.01	2	.14	.05	.06	1	1	5
LES 151	2	3	6	5	.1	1	1	93	.34	2	5	ND	8	2	1	2	2	1	.03	.002	3	1	.02	6	.01	11	.16	.05	.05	1	2	5
LES 152	1	10	9	74	.1	3	6	388	2.70	2	5	ND	14	57	1	2	2	47	.73	.142	44	9	.69	281	.30	5	1.14	.12	.74	1	1	5
LES 153	1	4	8	7	.1	2	1	113	.60	2	7	ND	8	3	1	3	2	11	.07	.009	2	2	.10	15	.02	2	.25	.06	.16	1	1	5
LES 154	1	83	2	76	.2	12	16	1120	5.48	13	5	ND	1	84	1	2	2	162	3.17	.058	7	22	1.94	56	.03	6	2.61	.05	.08	1	2	10
LES 156	1	24	40	119	.1	6	6	884	3.22	6	5	ND	1	153	1	2	2	68	16.17	.037	6	16	.91	104	.09	3	1.41	.03	.05	1	1	40
LES 157	2	14	21	79	.1	2	4	459	1.80	4	5	ND	1	56	1	2	2	9	1.64	.017	13	3	.36	18	.01	4	.23	.06	.05	1	1	5
LES 158	1	20	22	51	31.6	6	10	568	2.74	16	5	ND	1	75	1	2	2	77	.64	.022	2	11	.84	54	.06	2	1.15	.02	.14	1	535	5
LES 159	1	26	2	75	.1	13	5	827	3.15	5	5	ND	2	56	1	2	3	54	5.85	.038	6	14	1.14	66	.20	4	1.34	.09	.38	1	5	5
LES 160	1	4	6	7	.1	1	1	57	.40	3	8	ND	16	3	1	2	2	2	.05	.002	4	1	.03	13	.01	4	.16	.04	.08	1	1	5
LES 161	1	5	4	1	.2	1	1	66	.25	3	5	ND	1	2	1	2	2	1	.15	.001	2	1	.01	6	.01	2	.04	.01	.01	1	1	5
LES 162	1	6	2	7	.1	1	1	156	.51	2	5	ND	1	8	1	2	2	10	.57	.008	2	3	.14	19	.01	2	.20	.01	.04	1	1	5
LES 163	1	5	2	5	.1	2	1	36	.35	2	5	ND	1	2	1	2	2	5	.02	.001	2	2	.06	19	.01	2	.08	.01	.05	1	1	5
LES 164	1	3	2	8	.2	2	1	154	.48	2	5	ND	1	7	1	2	2	3	.14	.004	2	2	.06	21	.01	2	.18	.01	.04	1	1	5
LES 178	1	185	44	165	.1	91	27	974	6.49	53	5	ND	3	24	1	2	4	79	.69	.158	18	256	2.37	112	.01	2	2.97	.01	.12	1	6	5
LES 179	1	76	15	142	.1	105	25	854	5.83	24	5	ND	6	23	1	2	2	98	.48	.102	21	155	2.22	273	.05	2	2.72	.03	.21	1	1	10
LES 180	1	44	11	88	.1	144	43	1904	13.44	5	5	ND	3	408	1	2	2	91	.90	.083	19	74	.52	564	.27	2	3.63	.02	.06	1	1	5
LES 181	2	16	4	17	.8	19	3	66	.45	5	5	ND	1	15	1	2	2	33	.18	.008	5	19	.21	64	.03	2	.61	.03	.06	1	2	20
LES 182	1	106	32	232	.1	229	29	2652	23.29	6	5	ND	4	18	1	2	2	76	.09	.037	42	35	.49	80	.03	2	.94	.01	.15	1	2	50
LES 183	1	5	5	3	.2	3	1	139	.25	3	5	ND	3	3	1	2	3	3	.01	.001	5	4	.03	10	.01	2	.23	.03	.10	1	1	5
LES 184	1	52	13	101	.1	74	15	1479	10.06	4	5	ND	3	17	1	2	2	53	.12	.022	25	31	.70	97	.06	2	1.11	.02	.29	1	1	30
LES 185	1	22	39	63	.1	42	19	3963	37.48	16	5	ND	6	89	1	2	2	48	.61	.188	15	17	.24	173	.03	2	1.01	.03	.08	1	1	40
LES 186	1	31	2	95	.3	5	11	959	3.84	2	5	ND	2	51	1	2	3	36	2.73	.063	8	8	1.91	27	.02	2	2.04	.02	.11	1	1	5
LES 187	1	30	6	107	.1	7	11	616	3.23	3	5	ND	1	64	1	2	2	39	4.26	.043	2	1	.48	21	.01	6	1.26	.03	.07	1	2	10
LES 188	1	113	40	265	.1	4	17	1117	4.57	24	5	ND	2	70	1	2	2	47	6.50	.098	2	2	.82	17	.01	2	1.62	.03	.07	1	3	40
LES 189	1	5	2	16	.1	4	2	1139	1.14	5	5	ND	1	93	1	2	2	3	7.65	.005	2	2	.17	32	.01	2	.11	.01	.03	1	2	10
STD C/AU-R	18	61	42	127	7.4	66	29	961	3.92	40	16	8	34	50	18	16	23	56	.46	.085	39	56	.87	183	.08	36	1.83	.07	.14	12	490	1300

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

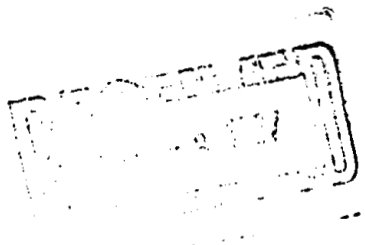
GEOCHEMICAL ICP ANALYSIS

.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: Rock Chips AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUNE 26 1987 DATE REPORT MAILED: June 30/87 ASSAYER. Dean Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT - EHB File # 87-2029

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	HG PPB
LES-165	1	34	33	89	.1	94	28	544	7.10	14	5	ND	2	392	1	2	2	91	3.06	.108	16	58	1.30	151	.74	3	4.53	.71	.34	1	1	10
LES-166	1	24	36	277	.2	4	2	770	2.87	112	5	ND	1	14	1	3	3	24	.14	.033	2	2	1.84	33	.20	2	1.62	.02	.07	1	1	20
LES-167	10	95	18	86	.1	3	13	883	5.01	25	5	ND	2	23	1	2	6	107	2.20	.074	6	1	1.40	13	.07	3	1.96	.06	.02	1	1	10
LES-168	1	7	9	28	.1	3	1	1371	1.23	23	5	ND	1	102	1	2	2	4	9.07	.011	2	1	.20	48	.01	2	.15	.01	.02	2	2	10
LES-169	1	49	46	157	.2	4	6	836	2.38	38	5	ND	1	47	1	2	3	10	4.90	.034	2	1	.43	23	.01	2	.85	.03	.07	1	2	20
LES-170	1	6	11	24	.2	4	2	1795	2.25	17	5	ND	1	158	1	2	2	7	12.49	.016	2	1	.69	26	.01	2	.14	.01	.02	1	1	10
LES-171	1	10	9	15	.1	3	1	1572	1.26	8	5	ND	1	77	1	2	2	6	9.86	.016	2	1	.21	21	.01	2	.36	.01	.03	1	3	5
LES-172	1	46	14	61	.2	1	10	669	3.46	2	7	ND	2	55	1	2	3	43	3.02	.041	2	1	1.37	16	.16	3	2.25	.03	.04	1	1	5
LES-173	1	14	20	40	.2	19	3	510	1.73	9	5	ND	1	156	1	2	2	12	8.44	.009	9	16	.29	5	.01	4	.40	.01	.06	2	4	5
LES-174	1	4	4	1	.1	1	1	126	.25	9	5	ND	1	18	1	2	2	1	1.20	.001	2	2	.01	1	.01	2	.01	.01	.01	1	1	5
LES-175	1	28	23	74	.1	81	27	804	6.52	2	7	ND	1	390	1	2	2	93	7.30	.091	13	58	5.55	130	.83	2	4.23	1.24	.51	1	1	10
LES-176	1	1	4	15	.1	1	1	180	.29	3	5	ND	1	207	1	2	4	1	36.68	.008	2	2	.10	17	.01	2	.01	.01	.01	1	1	20
LES-177	1	1	2	10	.1	1	1	237	.25	3	5	ND	1	199	1	2	2	1	34.50	.016	2	1	.09	6	.01	2	.02	.01	.01	1	1	10
RG-34	1	4	6	2	.3	2	1	23	.23	3	5	ND	1	6	1	2	2	1	.07	.001	2	3	.01	8	.01	2	.03	.01	.01	1	1	5
STD C/AU-R	19	59	41	135	6.9	72	28	1005	3.95	42	16	8	33	48	17	15	23	61	.45	.088	35	58	.91	179	.08	38	1.85	.07	.13	12	490	1400



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	HG PPB
LES 190	2	30	6	259	.1	2	2	712	3.28	2	8	ND	2	9	1	2	2	23	.14	.043	2	5	2.37	28	.23	2	1.82	.02	.09	1	1	10
LES 191	2	61	3	136	.4	4	4	655	2.99	4	5	ND	1	16	1	2	2	24	.27	.038	2	5	2.31	13	.14	2	2.04	.03	.05	1	4	5
LES 192	1	22	4	59	.1	44	20	868	5.33	2	5	ND	1	804	1	2	2	60	11.98	.098	12	45	1.01	77	.60	4	3.77	.78	.38	1	1	20
LES 193	1	29	14	75	.1	79	25	749	7.01	3	6	ND	2	407	1	2	2	72	4.53	.081	14	54	1.24	123	.68	2	4.51	.64	.42	1	1	10
LES 194	1	19	2	3	.1	3	1	393	.44	2	5	ND	1	165	1	2	2	2	5.25	.002	2	1	.04	2	.01	2	.04	.01	.01	1	1	5
LES 195	6	7	11	156	.1	1	3	1455	5.01	3	6	ND	4	38	1	2	2	2	.68	.062	51	1	.16	26	.29	2	.30	.05	.09	1	1	10
LES 196	1	68	2	61	.1	12	16	611	4.28	2	5	ND	2	45	1	2	2	109	1.85	.095	3	25	1.97	476	.26	2	2.33	.05	1.47	1	5	5
RG-35	1	14	7	72	.1	6	6	550	3.18	2	5	ND	3	54	1	2	3	47	.77	.075	7	3	.71	90	.21	2	1.83	.04	.40	1	1	5
RG-36	1	33	2	31	.1	48	10	250	1.97	2	5	ND	1	35	1	2	3	41	.98	.079	2	77	1.01	99	.14	2	1.45	.12	.31	1	1	5
RG-37	34	33	2	14	.2	5	2	129	2.09	2	5	ND	3	29	1	2	2	39	.50	.090	11	11	.12	24	.07	2	.31	.05	.08	2	19	5
RG-38	1	26	5	64	.1	22	10	526	3.44	2	5	ND	3	26	1	2	2	63	.52	.066	12	43	1.28	124	.09	2	1.92	.03	.25	1	1	20
RG-39	1	33	4	83	.1	27	9	482	3.42	10	5	ND	3	24	1	2	3	51	.49	.079	12	37	1.26	67	.04	2	1.91	.02	.14	1	1	20
RG-40	1	15	3	44	.1	5	5	230	1.92	2	5	ND	5	110	1	2	2	37	.96	.142	30	10	.39	404	.14	2	1.26	.05	.74	1	1	5
RG-45	1	5	4	63	.1	5	13	586	4.10	3	5	ND	1	24	1	2	2	49	.99	.030	2	3	2.10	26	.15	3	2.52	.04	.18	1	1	5
RG-46	1	25	4	44	.1	3	9	417	3.42	2	5	ND	1	79	1	2	4	48	.32	.033	2	3	1.63	30	.16	2	1.75	.05	.17	1	1	10
RG-47	1	19	2	65	.1	4	12	406	3.12	2	5	ND	1	43	1	2	2	30	1.37	.045	2	1	1.39	11	.14	2	2.18	.04	.83	1	1	10
RG-48	1	90	6	40	.1	9	12	363	2.85	2	5	ND	1	17	1	2	2	31	.63	.020	2	6	1.10	15	.11	4	1.24	.02	.09	1	1	5
RG-49	1	28	13	75	.2	78	27	649	6.61	2	7	ND	2	244	1	2	2	77	2.68	.108	15	59	4.50	56	.93	2	4.60	.21	.24	1	1	5
RG-50	1	29	7	72	.1	85	28	644	6.55	2	5	ND	1	499	1	2	2	71	5.68	.090	15	47	1.67	126	.71	2	4.46	1.00	.46	1	1	5
RG-51	1	29	10	77	.2	91	27	479	7.29	2	5	ND	2	479	1	2	2	70	3.78	.090	16	63	1.22	144	.84	2	4.71	.77	.42	1	1	10
RG-54	1	7	2	6	.1	3	1	226	.38	2	5	ND	1	88	1	2	2	2	23.63	.004	2	3	.08	16	.02	2	.15	.02	.02	1	1	10
RG-55	1	3	2	2	.1	5	1	76	.36	2	5	ND	1	14	1	2	2	1	.32	.002	2	3	.03	4	.02	2	.09	.01	.01	1	1	5
RG-56	1	6	2	18	.1	2	2	487	.51	2	5	ND	1	85	1	2	2	6	25.93	.004	2	2	.24	7	.01	2	.22	.01	.01	1	1	40
RG-57	1	24	12	60	.1	65	21	646	5.38	3	5	ND	1	648	1	2	2	50	11.34	.108	12	38	.82	112	.35	2	3.00	.20	.19	1	24	10
STD C/AU-R	18	56	36	127	6.8	64	28	918	4.01	35	13	7	33	47	16	15	23	49	.48	.089	37	51	.89	158	.08	38	1.80	.07	.13	13	480	1600

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
LES-197	1	21	8	78	.1	3	11	1018	4.64	5	5	ND	2	22	1	2	2	68	1.41	.077	11	14	1.02	35	.01	2	1.74	.06	.09	1	5
LES-198	1	14	6	32	.1	2	2	294	2.23	4	5	ND	2	43	1	2	2	23	.27	.032	2	6	1.68	17	.18	4	1.56	.04	.07	1	1
LES-199	1	26	7	76	.1	13	12	538	4.53	2	5	ND	4	71	1	2	2	92	1.22	.234	47	22	1.46	37	.33	3	1.52	.09	.07	1	1
LES-200	1	33	5	54	.1	53	9	1273	2.83	5	5	ND	2	81	1	2	2	40	7.25	.025	11	72	1.16	16	.05	2	1.46	.01	.10	1	1
LES-201	1	51	7	24	.1	3	4	1059	2.05	17	5	ND	1	180	1	2	3	31	23.01	.015	2	2	.81	11	.07	5	1.26	.01	.02	1	25
LES-202	1	12	5	99	.1	6	8	838	3.71	11	5	ND	1	218	1	2	2	82	16.30	.032	5	25	1.56	93	.07	2	2.04	.02	.20	1	1
LES-203	1	3	2	9	.1	3	1	341	.68	2	5	ND	1	255	1	2	2	12	33.51	.002	2	3	.47	22	.01	3	.03	.01	.01	1	1
LES-204	1	7	18	163	.2	5	10	745	2.92	509	5	ND	1	6	3	2	3	43	.13	.036	5	9	1.15	26	.01	2	1.49	.02	.06	2	18
LES-205	1	10	27	104	.1	9	8	586	3.68	14	5	ND	1	8	1	2	2	59	.26	.037	4	11	1.48	22	.04	4	1.90	.03	.06	1	1
LES-206	1	30	2	25	.1	6	6	224	1.89	2	5	ND	2	20	1	2	2	66	.76	.019	5	15	.64	121	.30	2	.94	.08	.41	1	1
LES-207	1	54	12	89	.1	20	9	324	3.39	4	5	ND	4	171	1	2	2	57	2.14	.039	9	12	.69	51	.25	4	3.64	.66	.41	1	1
LES-208	1	29	3	67	.1	7	9	805	3.33	3	5	ND	3	12	1	2	2	75	.66	.054	7	8	1.36	74	.18	2	1.34	.07	.13	1	1
LES-209	2	9	2	4	.2	2	1	61	.57	2	5	ND	1	6	1	5	2	2	.12	.005	2	3	.01	4	.03	2	.08	.01	.01	1	1
LES-210	1	9	4	47	.1	2	4	260	1.64	2	8	ND	5	57	1	2	2	39	.38	.066	20	7	.25	245	.14	2	.62	.11	.24	1	2
LES-211	1	21	5	8	.2	3	1	71	.46	2	5	ND	8	12	1	3	2	6	.18	.005	8	2	.04	43	.01	2	.34	.07	.11	1	1
LES-212	5	77	4	156	.5	38	9	253	2.95	2	5	ND	4	10	1	2	2	99	.21	.063	6	94	1.46	49	.23	2	1.72	.06	1.03	1	1
LES-213	7	222	19	100	.1	29	27	4614	20.77	9	5	ND	3	41	1	2	2	164	2.48	.018	13	10	.89	43	.01	2	.59	.01	.05	2	4
LES-214	3	6	5	9	.2	4	1	128	.69	3	9	ND	20	3	1	2	2	4	.02	.003	20	4	.02	11	.03	2	.17	.05	.07	1	1
LES-215	1	53	2	20	.1	28	9	477	2.25	2	5	ND	2	15	1	2	2	78	1.50	.090	4	72	1.00	20	.18	2	1.02	.19	.10	1	1
LES-216	2	32	4	63	.2	20	5	581	1.87	2	5	ND	5	146	1	2	2	31	2.97	.062	12	28	.34	56	.10	5	2.12	.10	.22	1	1
LES-217	1	50	8	103	.1	87	32	1466	7.87	2	5	ND	4	154	1	2	2	103	1.78	.047	14	88	1.27	196	.53	2	4.91	.39	.24	1	1
LES-218	1	35	3	70	.2	17	8	355	2.13	18	5	ND	2	14	1	2	2	61	.39	.052	4	24	.97	38	.18	3	1.49	.01	.13	1	1
LES-219	1	29	11	104	.1	9	12	610	4.58	8	5	ND	3	18	1	2	3	61	.33	.035	10	12	1.09	115	.11	2	2.08	.04	.50	1	1
LES-220	1	29	2	39	.1	14	11	134	1.54	5	5	ND	2	94	1	2	2	32	2.52	.075	8	17	.43	46	.21	15	1.55	.16	.07	1	1
LES-221	1	1	2	7	.1	1	1	47	.16	2	5	ND	1	122	1	2	2	1	33.39	.003	2	1	.05	47	.01	2	.01	.01	.01	1	3
LES-222	1	1	2	8	.1	2	1	64	.20	2	5	ND	1	118	1	2	2	1	25.55	.004	2	1	.06	17	.01	2	.02	.01	.01	1	1
LES-223	1	16	3	83	.1	6	10	649	4.25	6	5	ND	2	18	1	2	2	62	1.38	.049	9	11	.91	53	.01	4	1.82	.05	.07	1	1
LES-224	1	9	5	36	.1	9	4	214	1.67	2	5	ND	8	124	1	2	2	39	.74	.062	36	10	.20	233	.06	2	.87	.21	.46	1	6
LES-225	1	9	6	43	.1	3	4	410	1.50	2	5	ND	8	74	1	2	2	29	1.30	.063	34	10	.22	196	.03	2	.87	.05	.27	1	2
LES-226	1	7	9	34	.1	4	3	139	1.62	2	5	ND	10	128	1	2	2	39	.49	.056	34	13	.17	200	.05	2	.81	.28	.24	1	1
LES-227	1	1	2	3	.1	3	1	39	.30	2	5	ND	1	6	1	2	2	1	.06	.006	2	2	.01	11	.01	2	.06	.01	.02	1	1
RG-52	1	6	2	7	.1	3	1	33	.26	2	5	ND	4	3	1	2	2	3	.06	.009	2	1	.02	8	.01	2	.17	.04	.06	1	1
RG-53	1	6	2	4	.2	2	1	65	.36	2	5	ND	8	3	1	2	2	3	.04	.004	3	1	.05	4	.01	2	.20	.06	.04	1	1
RG-58	3	79	11	75	.2	14	12	405	4.05	3	5	ND	4	82	1	2	2	108	1.34	.094	7	36	1.18	44	.25	5	2.26	.07	.17	2	1
RG-59	1	4	2	11	.1	3	1	129	.92	2	10	ND	42	15	1	2	2	12	.07	.004	38	1	.05	23	.04	8	.28	.05	.09	1	1
RG-62	1	4	2	8	.1	6	1	111	.26	5	5	ND	1	23	1	2	2	4	3.06	.152	3	3	.06	13	.01	2	.11	.01	.03	1	1
STD C/AU-R	19	61	38	131	7.3	69	30	1003	4.10	41	18	8	37	52	18	16	20	59	.48	.093	42	59	.90	191	.09	36	1.90	.07	.15	14	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
RG-63	1	67	91	115	1.0	3	6	367	2.50	4	5	ND	2	47	1	2	2	25	.82	.079	6	5	.28	15	.15	5	.61	.09	.11	1	72
RG-64	1	4	6	16	.1	1	1	108	.58	2	6	ND	27	2	1	2	2	2	.02	.002	15	2	.03	2	.01	2	.17	.05	.07	1	7
RG-65	9	11	7	30	.1	3	3	105	2.86	91	5	ND	11	45	1	3	2	34	.16	.047	22	9	.26	187	.12	3	.61	.11	.42	1	1
RG-66	1	18	2	15	.1	5	2	308	.97	2	5	ND	1	11	1	2	2	13	.19	.034	2	5	.21	97	.04	2	.33	.04	.11	1	1
RG-67	18	32	3	39	.8	59	7	101	.72	2	5	ND	2	67	4	2	2	240	.38	.031	11	33	.18	492	.05	3	1.06	.05	.04	1	1
RG-68	1	27	4	68	.1	16	6	348	2.32	4	5	ND	6	58	1	2	2	45	.37	.039	27	35	.98	112	.10	3	2.18	.04	.62	1	1
RG-69	1	56	8	86	.1	29	9	460	3.46	2	7	ND	6	32	1	2	2	97	.37	.024	19	58	1.61	357	.18	2	2.30	.06	.78	2	1
RG-70	1	66	4	127	.2	30	5	346	2.80	2	5	ND	5	27	1	2	2	67	.28	.011	28	65	1.15	67	.06	3	1.99	.01	.24	2	9
RG-71	1	58	6	85	.1	21	4	186	1.30	2	5	ND	4	22	1	2	3	46	.16	.005	47	49	1.01	63	.06	4	1.54	.01	.30	2	1
RG-72	1	67	14	125	.1	130	13	1122	6.62	7	5	ND	5	30	1	2	2	50	.46	.014	31	43	.72	88	.04	5	1.33	.01	.29	2	1
RG-73	1	24	2	43	.1	9	4	47	.50	3	5	ND	2	11	1	2	2	20	.08	.001	6	20	.36	36	.02	2	.87	.01	.17	1	1
RG-74	2	36	9	56	.2	75	17	744	4.39	4	5	ND	2	17	1	2	2	31	.07	.006	16	23	.39	55	.03	5	.65	.02	.15	1	2
RG-75	1	33	3	71	.1	10	9	925	3.48	26	5	ND	1	147	1	2	2	42	9.68	.033	9	15	.83	76	.01	4	1.21	.03	.13	1	2
RG-76	1	20	4	32	.1	55	12	325	1.66	9	5	ND	1	53	1	2	2	42	1.25	.095	3	103	1.80	174	.15	4	1.19	.10	.22	1	1
RG-77	2	12	3	21	.1	24	5	246	1.20	3	5	ND	7	15	1	2	2	28	.49	.038	7	54	.51	54	.06	2	.60	.06	.07	1	1
RG-78	1	19	3	76	.1	5	14	463	4.26	4	5	ND	4	157	1	2	2	117	1.36	.202	10	92	2.00	609	.48	2	2.51	.24	1.69	1	1
RG-79	1	39	7	52	1.5	19	10	254	2.73	811	5	ND	2	42	1	2	2	47	.72	.103	8	20	.61	40	.16	2	1.11	.13	.31	1	57
RG-80	1	5	2	15	.1	1	1	165	.67	2	5	ND	35	2	1	2	2	4	.02	.004	23	1	.04	19	.02	4	.22	.04	.10	1	2
RG-81	1	12	13	23	.1	7	3	411	.51	5	5	ND	2	97	1	2	2	6	2.27	.025	5	5	.13	56	.09	2	.91	.06	.02	1	5
RG-82	3	12	2	16	.1	1	1	167	.69	2	5	ND	32	2	1	2	2	5	.05	.010	33	1	.05	24	.06	2	.26	.06	.10	1	2
LM-100	1	15	3	53	.1	5	9	686	3.58	14	5	ND	2	8	1	2	2	87	.62	.034	8	17	1.74	54	.08	2	1.84	.04	.10	1	4
LM-101	9	27	2	4	.2	2	2	35	2.13	3	5	ND	1	5	1	3	2	8	.04	.028	2	3	.01	30	.01	2	.08	.01	.02	1	1
JL-11	1	38	4	73	.1	113	29	1083	6.14	7	5	ND	1	324	1	2	2	100	8.71	.099	14	86	2.17	196	.66	2	4.62	.43	.37	2	1
JL-12	1	45	13	72	.1	166	29	798	6.64	7	7	ND	3	310	1	2	2	104	4.87	.096	16	90	2.12	119	.87	3	4.31	.82	.57	2	2
JL-13	1	12	2	48	.1	4	10	534	2.92	4	5	ND	1	49	1	2	2	47	3.19	.026	2	4	1.65	31	.22	2	2.16	.05	.23	1	1
JL-14	1	14	8	21	.1	13	5	241	1.44	2	5	ND	1	10	1	2	2	21	.49	.161	7	30	.52	49	.14	3	.97	.05	.55	1	2
JL-15	1	31	2	12	.1	11	4	490	.98	2	5	ND	1	213	1	2	2	32	10.63	.003	2	5	.51	4	.02	2	.45	.01	.01	1	1
JL-16	1	3	2	7	.1	1	1	410	.30	2	5	ND	1	384	1	2	2	1	36.73	.006	2	1	.14	25	.01	2	.05	.01	.02	1	1
JL-17	1	3	2	1	.1	1	1	33	.27	2	5	ND	1	4	1	2	2	1	.14	.001	2	1	.01	1	.01	2	.03	.01	.02	1	1
JL-18	1	3	2	1	.1	2	1	175	.22	2	5	ND	1	17	1	2	2	1	.98	.001	2	1	.01	8	.01	2	.01	.01	.01	1	1
JL-19	1	19	18	57	.1	15	8	291	3.37	3	5	ND	8	257	1	2	2	67	1.11	.180	46	13	.47	799	.26	2	2.06	.38	1.27	1	1
JL-20	1	4	4	7	.1	1	1	123	.46	2	5	ND	34	5	1	2	3	3	.03	.005	38	1	.02	7	.02	2	.18	.05	.06	1	2
JL-21	1	4	2	6	.2	2	1	153	.42	2	5	ND	4	6	1	2	2	2	.16	.008	4	1	.04	22	.01	2	.20	.06	.09	1	1
JL-22	1	132	5	29	.1	74	19	411	2.35	5	5	ND	1	103	1	2	2	57	2.99	.065	4	247	2.26	38	.21	2	1.53	.15	.12	1	4
JL-23	1	3	2	4	.1	1	1	34	.16	2	5	ND	1	60	1	2	2	1	15.29	.003	2	2	.04	6	.01	2	.02	.01	.01	1	1
JL-32	1	20	5	52	.1	12	8	238	2.24	2	5	ND	6	61	1	2	2	67	.55	.062	23	39	.68	113	.15	3	.90	.18	.19	1	1
STD C/AU-R	19	60	40	129	7.2	68	30	985	4.06	40	17	8	37	51	18	16	22	58	.48	.086	41	58	.89	187	.09	37	1.88	.07	.15	12	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
JL-33	1	5	9	48	.1	4	3	1886	3.02	2	5	ND	2	47	1	2	2	11	1.38	.014	9	3	.16	62	.01	2	.20	.02	.04	1	3
JL-34	1	11	13	54	.1	5	5	442	1.45	2	5	ND	8	81	1	2	2	38	.67	.114	30	10	.37	131	.08	3	.69	.17	.36	1	1
JL-35	1	6	7	39	.1	3	4	219	1.55	3	5	ND	3	25	1	2	2	37	.32	.055	12	1	.29	211	.14	3	.56	.23	.72	1	1
JL-36	1	7	10	19	.1	5	2	1022	1.32	2	5	ND	3	51	1	2	2	7	.68	.018	12	3	.07	60	.01	2	.29	.04	.13	1	1

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

WHOLE ROCK ICP ANALYSIS

A .1000 GRAM SAMPLE IS FUSED WITH .60 GRAM OF LIBO2 AND IS DISSOLVED IN 50 ML 5% HNO3.
- SAMPLE TYPE: Rock Chips

DATE RECEIVED: JUNE 19 1987 DATE REPORT MAILED: June 25/87 ASSAYER. ..DEAN TOYE, CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT - EHB File # 87-1882

SAMPLE#	SIO2 %	AL2O3 %	FE2O3 %	MGO %	CAO %	NA2O %	K2O %	TIO2 %	P2O5 %	MNO %	CR2O3 %	BA PPM	LOI %	SUM %
WR-1	63.16	14.31	5.14	2.24	4.26	3.35	3.21	.74	.42	.08	.01	936	2.7	99.78

APPENDIX II

Sediment Results

SAMPLE#	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	W	AU*
Silt.	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
RG-29	1	32	12	75	.3	34	6	300	1.85	5	5	ND	1	20	1	2	2	41	.79	.054	6	24	.49	79	.08	2	1.06	.02	.19	1	65
LES-123	1	43	9	88	.2	27	10	691	3.11	9	5	ND	2	41	1	2	2	52	.85	.065	10	21	.70	76	.06	2	1.30	.02	.14	1	4
LES-124	1	51	12	107	.3	30	13	627	4.13	5	5	ND	3	56	1	2	2	80	.86	.077	12	31	.75	82	.09	5	1.37	.02	.16	1	32
LES-126	1	13	8	66	.1	15	19	612	4.18	3	5	ND	4	52	1	2	2	74	.58	.123	19	25	.44	89	.16	2	.89	.02	.07	1	1
LES-127	1	12	5	65	.1	12	10	595	3.45	2	5	ND	4	54	1	2	2	57	.56	.124	18	22	.45	96	.18	2	.93	.02	.07	1	1
LES-129	1	25	5	54	.1	19	10	377	2.90	5	5	ND	2	42	1	2	2	75	.69	.045	7	32	.47	68	.08	2	.92	.02	.11	1	12
LES-131	1	66	12	129	.2	54	17	540	4.31	6	5	ND	4	52	1	2	3	71	.67	.053	12	37	1.17	113	.13	2	2.28	.02	.24	2	1
LES-132	1	27	10	91	.1	22	8	669	2.81	6	5	ND	2	61	1	2	2	56	.69	.043	8	27	.57	108	.07	4	1.22	.02	.14	1	1
LES-136	1	31	2	35	.2	13	4	282	1.97	3	5	ND	1	47	1	2	2	46	5.37	.043	3	23	.51	38	.06	2	.80	.02	.08	1	1
LES-137	1	36	11	44	.2	16	11	331	2.66	4	5	ND	1	28	1	2	2	57	.73	.050	3	42	.85	36	.08	2	1.11	.02	.06	1	2
LES-138	1	126	14	69	.1	39	18	689	4.10	5	5	ND	2	74	1	2	2	98	1.37	.133	3	77	1.34	117	.13	2	1.55	.04	.17	1	1
LES-139	1	16	3	53	.1	15	8	448	2.68	2	5	ND	3	45	1	2	2	47	.51	.086	12	20	.46	73	.13	2	.84	.02	.07	1	1
LES-140	1	16	7	58	.1	14	10	437	3.67	4	5	ND	5	39	1	2	2	71	.58	.133	17	27	.50	60	.17	4	.81	.02	.07	1	1
STD C/AU-S	19	59	41	135	6.9	72	28	1005	3.95	42	16	8	33	48	17	15	23	61	.45	.088	35	58	.91	179	.08	38	1.85	.07	.13	12	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
JL-24	1	35	7	40	.1	11	7	323	2.05	3	5	ND	1	102	1	2	2	44	13.75	.055	5	19	.52	47	.05	6	.83	.02	.10	1	1
JL-25	1	45	12	117	.1	18	11	993	3.15	12	5	ND	1	116	1	2	2	49	8.04	.074	8	23	.65	134	.06	6	1.54	.02	.21	1	2
JL-26	1	57	14	140	.2	25	12	1442	3.12	11	5	ND	1	122	1	2	2	51	5.84	.098	10	29	.59	139	.07	10	1.68	.02	.23	1	1
JL-27	1	57	9	129	.3	22	13	666	3.21	13	5	ND	1	133	2	2	2	52	9.55	.094	12	23	.51	117	.05	7	1.56	.02	.22	1	1
JL-28	1	47	12	80	.2	22	10	525	3.22	8	5	ND	1	92	1	2	2	43	6.84	.066	9	29	.66	80	.06	7	1.37	.02	.17	1	1
JL-29	1	33	8	51	.2	13	6	299	1.50	7	5	ND	1	144	1	2	2	26	20.36	.054	5	13	.33	54	.03	8	.72	.01	.12	1	2
JL-30	1	39	10	62	.3	17	7	377	1.87	5	5	ND	1	125	1	2	2	33	16.81	.068	6	16	.40	61	.04	9	.92	.02	.14	1	1
JL-31	1	49	10	103	.3	23	13	661	3.85	11	5	ND	2	70	1	2	2	71	2.25	.070	12	32	.76	88	.09	5	1.51	.02	.19	1	3

APPENDIX III

Soil Results

Gr yk KVC D 2e HB - RRG. U

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: P1-13 SOILS P14-16 ROCK AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 17 1987 DATE REPORT MAILED: July 23/87 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT-EHB File # 87-2503 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	AS PPM	SB PPM	BI PPM	AU# PPB
E-1 3500N 2700E	1	14	7	75	.3	22	9	3	2	2	1
E-1 3500N 2725E	1	12	9	78	.1	14	6	2	2	2	4
E-1 3500N 2750E	1	12	5	142	.2	27	9	2	2	2	3
E-1 3500N 2775E	1	23	6	154	.1	39	11	2	2	2	1
E-1 3400N 2625E	1	10	5	52	.1	27	8	2	2	2	1
E-1 3400N 2650E	1	19	6	83	.1	23	10	2	2	2	1
E-1 3400N 2675E	1	9	2	63	.3	22	7	3	2	2	1
E-1 3400N 2700E	1	8	3	82	.1	19	7	3	2	2	1
E-1 3400N 2725E	1	9	7	77	.1	24	8	2	2	2	1
E-1 3400N 2750E	1	15	6	71	.2	23	8	2	2	2	1
E-1 3400N 2775E	1	14	10	68	.3	20	8	2	2	2	1
E-1 3300N 2625E	1	109	5	47	1.0	65	8	4	2	2	3
E-1 3300N 2650E	1	15	8	48	.1	17	6	2	2	2	2
E-1 3300N 2675E	1	16	7	41	.1	24	5	3	2	2	1
E-1 3300N 2700E	1	24	8	57	.2	25	8	2	2	2	1
E-1 3300N 2725E	1	48	17	72	.2	33	10	3	2	2	2
E-1 3300N 2750E	1	21	10	56	.3	22	8	3	2	2	1
E-1 3300N 2775E	1	45	10	52	.5	34	9	2	2	2	1
E-1 3200N 2625E	3	142	18	113	.7	77	14	8	2	2	1
E-1 3200N 2650E	3	112	10	86	.5	58	11	4	2	2	1
E-1 3200N 2675E	1	85	16	84	.5	39	13	5	2	2	2
E-1 3200N 2700E	1	49	18	73	.5	33	11	4	2	2	1
E-1 3200N 2725E	1	32	19	64	.1	24	9	2	2	2	1
E-1 3200N 2750E	1	15	3	56	.1	14	5	2	2	2	2
E-1 3200N 2775E	1	18	10	53	.1	15	7	4	2	2	1
E-1 3100N 2625E	1	10	7	114	.2	14	4	3	2	2	1
E-1 3100N 2650E	1	17	12	39	.1	16	6	4	2	2	1
E-1 3100N 2675E	1	28	13	104	.5	36	11	2	2	2	1
E-1 3100N 2700E	1	30	14	94	.2	32	10	4	2	2	1
E-1 3100N 2725E	1	52	20	67	.4	39	13	2	2	2	1
E-1 3100N 2750E	1	12	9	37	.1	14	4	2	2	2	59
E-1 3100N 2775E	1	16	9	49	.2	16	8	2	2	2	4
E-1 3000N 2625E	1	20	15	66	.3	31	8	2	2	2	1
E-1 3000N 2650E	1	15	23	98	.1	49	14	2	2	2	3
E-1 3000N 2675E	1	27	24	110	.1	70	20	2	2	2	1
STD C/AU-S	18	57	43	126	7.3	68	30	40	18	21	48
E-1 3000N 2700E	1	16	24	111	.1	55	15	2	2	2	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	AS PPM	SB PPM	BI PPM	AU* PPB
E-1 3000N 2725E	1	27	20	130	.2	63	22	4	2	2	2
E-1 3000N 2750E	1	34	12	74	.3	31	11	4	2	2	1
E-1 3000N 2775E	1	21	9	78	.3	22	11	3	2	2	1
E-1 2900N 2625E	1	8	13	108	.1	15	8	2	3	2	1
E-1 2900N 2650E	1	6	17	55	.1	16	7	2	2	2	1
E-1 2900N 2675E	1	7	14	65	.1	23	8	2	3	2	1
E-1 2900N 2700E	1	14	16	92	.1	91	15	3	2	2	155
E-1 2900N 2725E	1	16	8	121	.1	47	11	3	2	2	1
E-1 2900N 2750E	1	17	10	110	.1	62	16	4	2	2	1
E-1 2900N 2775E	1	9	6	74	.1	50	11	2	4	2	2
E-1 2800N 2625E	1	15	11	75	.1	34	10	2	2	2	3
E-1 2800N 2650E	1	13	13	100	.2	32	9	6	2	2	4
E-1 2800N 2675E	1	14	5	69	.1	42	13	2	2	2	1
E-1 2800N 2700E	1	18	7	50	.1	31	11	5	2	2	4
E-1 2800N 2725E	1	9	12	59	.1	23	8	4	2	2	3
E-1 2800N 2750E	1	18	14	47	.1	29	11	2	2	2	1
E-1 2800N 2775E	1	11	5	45	.3	30	9	2	3	2	3
E-1 2700N 2625E	1	16	2	52	.1	21	9	2	2	2	5
E-1 2700N 2650E	1	13	2	87	.2	36	10	4	2	3	1
E-1 2700N 2675E	1	9	12	32	.2	15	4	5	3	3	2
E-1 2700N 2700E	1	3	5	45	.3	22	8	2	3	2	1
E-1 2700N 2725E	1	14	2	52	.1	20	9	4	2	3	3
E-1 2700N 2750E	1	7	7	44	.4	17	5	2	2	2	1
E-1 2700N 2775E	1	19	4	48	.1	27	11	2	2	4	2
E-1 2600N 2625E	1	21	2	96	.1	154	22	3	2	2	5
E-1 2600N 2650E	1	31	5	94	.1	221	30	2	2	2	1
E-1 2600N 2675E	1	25	2	91	.1	122	20	9	2	2	1
E-1 2600N 2700E	1	18	4	99	.1	166	26	5	2	2	1
E-1 2600N 2725E	1	27	2	82	.2	169	29	9	2	2	1
E-1 2600N 2750E	1	23	2	96	.1	112	17	2	2	2	1
E-1 2600N 2775E	1	37	2	84	.1	253	28	4	2	2	2
E-1 2500N 2625E	1	30	2	80	.2	149	20	3	2	2	1
E-1 2500N 2650E	1	12	2	94	.1	75	16	4	2	2	3
E-1 2500N 2675E	1	12	2	74	.1	49	12	4	2	3	4
E-1 2500N 2700E	1	17	2	69	.1	63	15	7	2	2	1
E-1 2500N 2725E	1	9	2	81	.1	22	8	5	3	2	3
STD C/AU-S	19	59	40	129	7.3	67	30	43	17	24	46

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	AS PPM	SB PPM	BI PPM	AU* PPB
E-1 2500N 2750E	1	5	13	49	.1	19	6	3	2	2	2
E-1 2500N 2775E	1	18	4	86	.1	68	21	6	2	3	1
E-1 2400N 2625E	1	22	4	113	.1	65	18	4	2	2	2
E-1 2400N 2650E	1	18	2	96	.1	52	14	4	2	2	1
E-1 2400N 2675E	1	18	4	88	.1	79	17	5	2	2	1
E-1 2400N 2700E	1	12	6	79	.3	32	8	4	2	2	1
E-1 2400N 2725E	1	4	5	73	.2	12	4	6	2	2	1
E-1 2400N 2750E	1	24	9	154	.2	155	23	9	4	2	1
E-1 2400N 2775E	1	10	3	63	.2	24	5	4	2	2	1
E-2 5800N 4800E	1	22	8	133	.1	62	18	6	2	2	1
E-2 5800N 4820E	1	24	12	185	.3	70	22	7	2	2	2
E-2 5800N 4840E	1	15	4	95	.1	27	8	7	2	2	1
E-2 5800N 4860E	1	19	3	110	.5	31	12	5	2	2	1
E-2 5800N 4880E	1	19	4	159	.4	24	13	7	2	2	1
E-2 5800N 4900E	1	28	13	113	.2	14	7	7	2	2	1
E-2 5800N 4940E	1	19	11	112	.5	22	10	7	2	2	8
E-2 5800N 4960E	1	15	7	101	.7	30	8	4	2	2	1
E-2 5800N 4980E	1	13	6	103	.4	33	8	7	2	2	1
E-2 5800N 5000E	1	20	12	124	.4	46	11	7	2	2	9
E-2 5800N 5020E	1	17	4	103	.5	35	11	9	2	2	1
E-2 5800N 5040E	1	11	6	107	.9	35	11	7	2	2	1
E-2 5800N 5060E	1	32	14	136	.7	39	15	13	2	2	2
E-2 5800N 5080E	1	38	7	127	.2	37	12	12	2	2	1
E-2 5800N 5100E	1	31	8	98	.3	33	12	7	2	2	3
E-2 5800N 5120E	1	38	11	88	.2	27	11	3	2	3	1
E-2 5800N 5140E	1	58	13	118	.6	40	13	9	2	2	1
E-2 5800N 5160E	1	63	18	110	.7	46	13	10	2	2	1
E-2 5800N 5180E	1	25	11	105	.6	25	9	8	2	2	87
E-2 5800N 5200E	1	23	14	114	.2	20	9	6	2	2	1
E-2 5700N 4800E	1	23	17	126	.3	63	16	7	2	2	1
E-2 5700N 4820E	1	27	10	83	.3	45	15	6	2	2	2
E-2 5700N 4840E	1	6	11	85	.5	11	6	5	2	2	1
E-2 5700N 4860E	1	28	8	123	.4	22	11	8	3	2	1
E-2 5700N 4880E	1	50	16	124	.6	30	12	9	3	2	1
E-2 5700N 4900E	1	22	8	101	.1	19	8	2	2	2	9
E-2 5700N 4920E	1	47	15	100	.6	34	8	6	2	2	1
STD C/AU-S	19	59	41	128	7.2	65	29	41	16	21	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	AS PPM	SB PPM	BI PPM	AU* PPB
E-2 5700N 4940E	1	16	11	143	.1	33	11	2	2	2	1
E-2 5700N 4960E	1	12	7	131	.4	37	9	5	2	2	1
E-2 5700N 4980E	1	12	5	133	.4	34	8	2	3	2	1
E-2 5700N 5000E	1	14	12	127	.3	37	9	4	2	2	1
E-2 5700N 5020E	1	25	7	118	.1	30	11	3	2	2	2
E-2 5700N 5040E	1	23	12	162	.8	45	10	2	2	2	1
E-2 5700N 5060E	1	31	10	322	.5	45	11	5	2	2	11
E-2 5700N 5080E	3	20	13	360	.8	41	9	9	2	2	1
E-2 5700N 5100E	2	28	7	181	.9	69	13	6	2	2	1
E-2 5700N 5120E	2	48	6	173	.2	30	15	5	2	2	7
E-2 5700N 5140E	1	34	9	151	.4	34	18	18	2	3	1
E-2 5700N 5160E	1	25	10	185	.2	25	14	10	2	2	1
E-2 5700N 5180E	1	15	9	169	.1	22	10	6	3	2	1
E-2 5700N 5200E	1	17	3	122	.1	21	9	5	4	2	2
E-2 5600N 4800E	1	31	9	169	.2	29	13	4	2	2	6
E-2 5600N 4820E	1	17	5	113	.2	27	8	2	2	2	4
E-2 5600N 4840E	1	23	7	112	.2	35	11	6	2	2	6
E-2 5600N 4860E	1	13	8	103	.1	30	8	5	2	2	4
E-2 5600N 4880E	1	23	9	102	.1	23	10	2	2	2	3
E-2 5600N 4900E	1	19	9	100	.2	26	10	4	2	2	1
E-2 5600N 4920E	1	20	9	117	.1	24	9	4	2	2	4
E-2 5600N 4940E	1	29	7	123	.1	20	12	12	2	2	1
E-2 5600N 4960E	1	52	9	146	.1	33	17	5	2	2	1
E-2 5600N 4980E	2	18	4	112	.1	18	10	3	2	2	1
E-2 5600N 5000E	1	14	8	239	.2	16	7	10	2	2	1
E-2 5600N 5020E	1	22	4	120	.1	24	8	8	2	2	4
E-2 5600N 5040E	1	29	2	116	.1	27	10	13	2	2	1
E-2 5600N 5060E	1	15	9	107	.1	23	8	5	3	2	3
E-2 5600N 5080E	1	32	11	189	.2	31	12	3	2	2	1
E-2 5600N 5100E	1	19	11	184	.3	30	10	5	3	2	1
E-2 5600N 5120E	1	26	16	143	.1	46	13	5	2	2	6
E-2 5600N 5140E	2	44	9	259	.2	38	15	7	2	2	1
E-2 5600N 5160E	1	24	4	99	.2	92	23	8	2	2	1
E-2 5600N 5180E	2	26	6	290	.5	39	13	10	2	2	1
E-2 5600N 5200E	1	39	4	172	.3	34	15	10	2	2	11
E-2 5500N 4840E	1	24	6	119	.2	26	9	6	2	2	1
E-2 5500N 4860E	1	30	6	114	.1	25	11	8	2	3	1
STD C/AU-S	20	57	43	135	7.2	65	29	40	16	21	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	AS PPM	SB PPM	BI PPM	AU* PPB
E-2 5500N 4880E	1	21	6	98	.2	21	11	8	4	3	3
E-2 5500N 4900E	1	45	8	105	.1	26	15	5	2	2	5
E-2 5500N 4920E	1	36	17	137	.1	32	14	6	3	2	2
E-2 5500N 4940E	1	26	2	89	.1	83	18	7	2	2	10
E-2 5500N 4960E	1	31	19	146	.1	66	17	7	2	2	6
E-2 5500N 4980E	1	38	11	153	.1	28	15	5	5	2	1
E-2 5500N 5000E	1	25	7	110	.1	19	11	6	3	2	1
E-2 5500N 5020E	1	48	6	101	.2	24	14	10	3	2	1
E-2 5500N 5040E	1	47	7	119	.1	24	16	3	2	2	3
E-2 5500N 5060E	1	59	12	136	.1	38	17	5	2	2	6
E-2 5500N 5080E	1	46	12	134	.1	27	16	10	3	2	1
E-2 5500N 5100E	1	45	13	141	.2	33	14	13	3	2	1
E-2 5500N 5120E	2	45	2	172	.1	23	17	8	2	2	3
E-2 5500N 5140E	1	54	12	183	.1	28	15	9	3	2	3
E-2 5500N 5160E	2	70	8	328	.2	53	18	3	2	2	2
E-2 5400N 4840E	1	29	2	110	.2	30	11	7	2	2	167
E-2 5400N 4860E	1	15	11	148	.2	31	9	8	2	2	5
E-2 5400N 4880E	1	17	6	124	.3	31	9	6	2	3	40
E-2 5400N 4900E	1	27	7	150	.1	32	12	4	2	2	1
E-2 5400N 4920E	1	20	5	116	.1	34	8	5	2	3	2
E-2 5400N 4940E	1	28	8	122	.1	31	11	8	2	2	2
E-2 5400N 4960E	1	16	3	117	.1	27	9	8	2	2	2
E-2 5400N 4980E	1	21	5	136	.6	39	8	9	2	2	2
E-2 5400N 5000E	1	43	6	196	.3	41	16	14	2	2	14
E-2 5400N 5020E	1	48	14	144	.1	33	18	8	2	3	2
E-2 5400N 5040E	1	36	14	110	.1	63	18	5	2	2	1
E-2 5400N 5060E	6	126	18	216	.1	49	33	7	2	2	1
E-2 5400N 5080E	1	58	15	143	.1	29	17	8	2	2	1
E-2 5400N 5100E	1	44	4	153	.2	39	16	7	2	2	1
E-2 5400N 5120E	1	40	13	153	.2	43	16	5	2	2	1
E-2 5400N 5140E	1	39	5	116	.3	21	15	3	2	2	2
E-2 5400N 5160E	1	12	8	87	.1	15	8	2	2	2	1
E-2 5300N 4840E	1	23	6	113	.1	26	10	6	2	2	1
E-2 5300N 4860E	1	29	6	100	.1	30	12	6	3	3	1
E-2 5300N 4880E	1	22	4	127	.1	30	11	5	2	2	1
E-2 5300N 4900E	1	16	10	100	.2	26	8	4	2	2	6
STD C/AU-S	19	59	39	132	7.2	70	32	41	17	21	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	AS PPM	SB PPM	BI PPM	AU* PPB
E-2 5300N 4920E	1	45	2	147	.1	31	14	3	2	2	3
E-2 5300N 4940E	1	34	3	143	.1	28	12	3	2	2	2
E-2 5300N 4960E	1	38	2	143	.1	29	12	2	2	2	1
E-2 5300N 4980E	1	62	2	230	.2	44	19	3	2	2	1
E-2 5300N 5000E	1	27	2	103	.2	42	12	4	2	2	3
E-2 5300N 5020E	1	17	2	121	.2	15	11	7	2	2	1
E-2 5300N 5040E	1	30	2	128	.1	29	11	4	2	2	2
E-2 5300N 5060E	1	29	2	134	.3	36	12	3	2	2	4
E-2 5300N 5080E	1	18	8	132	.2	28	11	2	2	2	1
E-2 5300N 5100E	1	37	2	108	.1	30	13	4	2	2	1
E-2 5300N 5120E	1	37	4	142	.1	28	14	3	2	2	2
E-2 5300N 5140E	1	25	3	121	.2	35	12	4	2	2	1
E-2 5300N 5160E	1	27	2	175	.2	36	12	5	3	2	1
E-2 5200N 4840E	1	28	2	115	.2	26	11	3	2	2	1
E-2 5200N 4860E	1	38	2	85	.1	25	10	4	2	2	2
E-2 5200N 4880E	1	25	2	102	.1	31	10	3	2	2	1
E-2 5200N 4900E	1	23	3	144	.2	33	10	5	2	2	1
E-2 5200N 4920E	1	52	2	151	.2	50	16	22	2	2	1
E-2 5200N 4940E	1	48	3	165	.3	40	14	4	2	2	3
E-2 5200N 4960E	1	38	2	127	.1	35	13	7	2	2	1
E-2 5200N 4980E	1	21	2	95	.2	39	10	2	2	2	3
E-2 5200N 5000E	1	25	5	92	.2	26	10	3	2	2	1
E-2 5200N 5020E	1	45	2	99	.1	24	15	3	2	2	1
E-2 5200N 5040E	1	21	4	100	.1	20	10	4	2	2	2
E-2 5200N 5060E	1	34	2	117	.2	31	13	4	2	2	3
E-2 5200N 5080E	1	41	6	116	.2	30	14	4	2	2	1
E-2 5200N 5100E	1	20	2	111	.3	26	10	7	2	2	8
E-2 5200N 5120E	1	47	2	150	.1	38	15	10	2	2	1
E-2 5200N 5140E	1	13	7	100	.3	21	7	7	3	2	1
E-2 5200N 5160E	1	14	2	105	.3	27	8	5	3	2	5
E-2 5100N 4840E	1	22	7	129	.3	29	10	2	2	2	2
E-2 5100N 4860E	1	42	8	117	.1	30	12	6	2	2	1
E-2 5100N 4900E	1	28	2	147	.1	30	12	6	2	2	2
E-2 5100N 4920E	1	29	3	159	.2	34	10	8	2	2	1
E-2 5100N 4940E	1	30	9	149	.5	41	12	10	2	2	3
E-2 5100N 4960E	1	22	8	132	.2	37	10	8	2	2	6
STD C/AU-S	19	60	39	129	7.3	71	30	38	16	22	53

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	AS PPM	SB PPM	BI PPM	AU* PPB
E-2 5100N 4980E	1	21	6	138	.3	29	10	7	2	2	1
E-2 5100N 5000E	1	23	6	142	.4	34	11	10	2	2	1
E-2 5100N 5020E	1	28	8	143	.3	38	11	9	2	2	6
E-2 5100N 5040E	1	25	10	112	.4	37	11	9	2	2	1
E-2 5100N 5060E	1	42	2	122	.1	31	13	9	2	2	1
E-2 5100N 5080E	1	20	9	174	.3	32	11	7	2	2	1
E-2 5100N 5100E	1	21	8	109	.3	21	9	7	3	2	1
E-2 5100N 5120E	1	61	5	162	.1	44	16	12	2	2	1
E-2 5100N 5140E	1	22	6	134	.2	25	11	11	2	2	1
E-2 5100N 5160E	1	23	2	132	.1	13	11	6	2	2	1
E-2 4975N 4800E	1	48	4	152	.2	33	14	7	2	2	5
E-2 4975N 4820E	1	17	13	143	.2	21	10	7	2	2	1
E-2 4975N 4840E	1	23	4	129	.2	28	9	7	2	2	1
E-2 4975N 4860E	1	23	3	142	.1	29	12	7	2	2	1
E-2 4975N 4880E	1	31	3	99	.2	27	11	9	2	2	3
E-2 4975N 4900E	1	30	6	134	.3	34	11	7	2	2	13
E-2 4975N 4920E	1	15	5	89	.6	25	7	10	2	2	1
E-2 4975N 4940E	1	13	6	117	.2	22	8	6	2	2	1
E-2 4975N 4960E	1	12	2	98	.1	17	8	6	2	2	1
E-2 4975N 4980E	1	15	2	107	.2	21	7	7	2	2	4
E-2 4975N 5000E	1	23	9	101	.2	24	8	7	2	2	3
E-2 4975N 5020E	1	16	7	110	.2	26	9	8	2	2	2
E-2 4975N 5040E	1	24	4	126	.1	28	10	7	2	2	1
E-2 4975N 5060E	1	20	2	101	.1	29	9	10	2	2	3
E-2 4975N 5080E	1	17	8	86	.1	20	9	5	2	2	2
E-2 4975N 5100E	1	14	7	85	.2	22	8	6	2	2	2
E-2 4975N 5120E	1	18	3	89	.3	27	6	9	2	2	1
E-2 4975N 5140E	1	14	6	105	.4	21	7	11	2	2	2
E-2 4975N 5160E	1	20	7	86	.6	25	10	9	2	2	2
E-2 4975N 5180E	1	23	5	69	.9	27	8	16	2	2	1
E-2 4975N 5200E	1	30	4	93	.9	51	9	7	2	2	1
E-3 5550N 4260E	1	26	55	605	.3	33	9	227	2	2	17
E-3 5550N 4280E	2	50	47	720	.3	30	17	76	2	2	805
E-3 5550N 4300E	1	17	17	328	.5	13	9	34	2	2	20
E-3 5550N 4320E	1	18	20	335	.2	10	7	25	2	2	11
E-3 5550N 4340E	1	18	46	542	.7	12	7	12	2	2	3
STD C/AU-S	19	62	38	131	7.0	68	29	41	17	19	54

MINEQUEST EXPLORATION PROJECT - EMB FILE # 87-2503

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	AS PPM	SB PPM	BI PPM	AU* PPB
E-3 5550N 4360E	1	22	18	570	.3	24	11	8	2	2	24
E-3 5550N 4380E	1	188	21	1388	.8	332	12	165	2	2	2
E-3 5550N 4400E	1	29	13	418	.1	30	11	22	2	2	6
E-3 5550N 4420E	1	40	77	1474	.7	29	17	18	2	2	7
E-3 5550N 4440E	1	40	14	146	.3	21	9	40	2	2	4
E-3 5550N 4460E	1	33	26	704	.4	26	18	13	2	2	30
E-3 5550N 4480E	4	119	32	356	.9	17	16	34	2	2	1270
E-3 5550N 4500E	5	57	20	286	.5	15	8	33	2	3	9
E-3 5550N 4520E	2	42	15	421	.3	38	19	14	2	2	28
E-3 5550N 4540E	4	86	25	791	.5	29	19	49	2	2	1
E-3 5550N 4560E	1	57	14	265	.3	57	8	7	2	2	2
E-3 5550N 4580E	2	35	16	414	.2	24	13	19	2	2	2
E-3 5550N 4600E	1	38	2	228	.1	17	10	13	2	2	1
E-3 5550N 4620E	2	27	13	689	.6	13	11	7	3	2	1
E-3 5550N 4640E	1	16	10	467	.3	13	10	9	2	2	1
E-3 5550N 4660E	1	24	39	730	.7	25	13	7	2	2	1
E-3 5550N 4680E	1	18	8	751	.3	15	5	8	3	2	1
E-3 5550N 4700E	5	52	13	423	.5	13	11	10	2	2	7
E-3 5550N 4720E	1	15	13	946	.5	17	10	11	2	2	28
E-3 5550N 4740E	2	21	8	577	.3	19	12	9	2	2	1
E-3 5550N 4760E	1	21	6	335	.3	13	11	7	2	2	2
E-3 5550N 4780E	1	17	5	451	.3	12	11	5	2	2	1
E-3 5550N 4800E	1	16	2	434	.4	13	14	7	2	2	27
E-3 5500N 4720E	1	13	23	465	.2	21	11	24	2	2	1
E-3 5500N 4740E	1	13	23	387	.6	26	9	32	2	2	1
E-3 5500N 4760E	1	16	27	582	.4	24	12	39	2	2	1
E-3 5500N 4780E	1	13	21	492	.5	26	10	49	2	2	4
E-3 5500N 4800E	1	14	49	652	.3	19	11	94	2	2	9
E-3 5475N 4300E	1	11	8	233	.2	20	7	9	2	2	3
E-3 5475N 4320E	2	57	10	328	.1	25	13	19	2	2	1
E-3 5475N 4340E	1	13	12	366	.4	25	7	17	2	2	3
E-3 5475N 4360E	1	62	12	433	.7	113	10	20	2	2	5
E-3 5475N 4380E	1	13	5	229	.2	16	7	5	2	2	3
E-3 5475N 4400E	1	8	11	329	.3	14	8	18	2	3	1
E-3 5475N 4420E	1	14	14	339	.3	38	10	24	2	2	16
E-3 5475N 4440E	1	24	22	209	.1	15	9	41	2	2	34
E-3 5475N 4460E	1	68	18	162	.6	42	10	53	2	2	18
STD C/AU-S	19	59	40	129	7.2	69	30	42	15	23	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	AS PPM	SB PPM	BI PPM	AU* PPB
E-3 5475N 4480E	1	20	22	254	.4	20	10	26	3	2	6
E-3 5475N 4500E	1	10	18	383	.5	17	6	12	2	2	12
E-3 5475N 4520E	1	14	43	610	.2	14	11	7	2	2	15
E-3 5475N 4540E	1	7	12	166	.2	9	6	8	3	2	1
E-3 5475N 4560E	1	25	15	400	.2	56	8	14	2	2	1
E-3 5475N 4580E	2	77	64	588	.5	49	40	313	3	2	3
E-3 5475N 4600E	1	15	15	316	1.1	33	13	129	2	2	1
E-3 5475N 4620E	1	30	18	248	.1	20	10	124	3	2	54
E-3 5475N 4640E	1	19	13	378	.3	32	12	60	2	2	6
E-3 5475N 4660E	1	44	12	412	.3	37	16	43	5	2	7
E-3 5475N 4680E	1	12	16	417	.3	18	11	26	2	2	1
E-3 5475N 4700E	1	17	6	202	.3	23	8	29	2	2	8
E-3 5450N 4260E	1	13	4	221	.3	19	8	11	2	2	4
E-3 5450N 4280E	1	31	5	109	2.4	74	6	11	2	2	1
E-3 5450N 4300E	1	5	3	129	.4	7	3	8	2	2	1
E-3 5450N 4320E	1	12	8	172	.2	20	7	14	2	3	1
E-3 5450N 4340E	1	17	3	274	.4	31	7	25	2	2	24
E-3 5450N 4360E	1	25	8	255	.8	39	8	24	2	4	3
E-3 5450N 4380E	1	11	2	299	.4	14	8	11	2	2	130
E-3 5450N 4400E	1	17	7	171	.4	22	7	22	2	2	11
E-3 5450N 4420E	1	16	14	360	.4	23	10	42	2	2	340
E-3 5450N 4440E	1	64	21	239	.9	26	9	69	2	2	35
E-3 5450N 4460E	1	29	18	242	.4	19	11	53	2	2	300
E-3 5450N 4480E	1	76	24	169	.3	32	9	53	2	2	145
E-3 5450N 4500E	1	16	4	403	.3	24	10	18	2	2	5
E-3 5450N 4520E	1	13	8	147	.2	20	7	7	2	2	1
E-3 5450N 4540E	1	10	2	213	.3	22	5	6	2	2	1
E-3 5450N 4560E	1	459	6	390	2.1	160	10	14	2	2	25
E-3 5450N 4580E	1	20	7	592	.2	25	12	36	2	2	3
E-3 5450N 4600E	2	76	16	511	.4	43	31	107	4	2	1
E-3 5450N 4620E	2	50	7	549	.4	76	19	56	2	2	1
E-3 5450N 4640E	1	15	2	291	.4	23	10	20	2	2	1
E-3 5450N 4660E	1	23	9	390	.4	38	15	34	2	2	1
E-3 5450N 4680E	1	18	2	238	.5	27	9	35	2	2	1
E-3 5450N 4700E	1	26	7	932	.5	37	14	246	2	2	20
E-3 5450N 4720E	1	29	10	906	.5	26	22	217	2	2	8
STD C/AU-S	19	60	40	128	7.5	66	30	39	17	23	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	AS PPM	SB PPM	BI PPM	AU* PPB
E-3 5450N 4740E	1	7	19	649	.2	17	12	128	2	2	14
E-3 5450N 4760E	1	11	21	389	.7	17	11	52	2	2	3
E-3 5450N 4780E	1	7	19	425	.1	15	9	74	2	2	2
E-3 5450N 4800E	2	42	145	377	.5	12	8	324	2	2	145
E-3 5425N 4300E	1	52	6	225	.2	112	9	16	2	2	11
E-3 5425N 4320E	1	14	14	244	.1	26	8	10	2	2	4
E-3 5425N 4340E	2	62	12	291	.1	87	11	14	2	2	380
E-3 5425N 4360E	1	11	7	182	.1	19	8	24	2	2	22
E-3 5425N 4380E	1	4	12	152	.2	10	5	11	2	2	1
E-3 5425N 4400E	1	10	11	175	.2	15	6	9	2	2	1
E-3 5425N 4420E	1	46	10	146	.3	51	10	12	2	2	7
E-3 5425N 4440E	1	53	10	118	.1	32	11	19	2	2	1
E-3 5425N 4460E	1	37	10	202	.8	28	10	26	2	2	4
E-3 5425N 4480E	1	16	11	102	.4	9	3	17	2	2	2
E-3 5425N 4500E	1	23	21	145	.1	28	10	25	2	2	3
E-3 5425N 4520E	1	10	15	219	.1	18	6	15	2	4	2
E-3 5425N 4540E	1	29	23	330	.2	21	17	13	2	2	9
E-3 5425N 4560E	2	411	25	409	1.3	236	13	16	2	2	13
E-3 5425N 4580E	1	15	25	446	.2	17	9	35	2	2	22
E-3 5425N 4600E	1	26	9	420	.2	32	12	13	2	2	2
E-3 5425N 4620E	1	23	17	393	.2	47	11	13	2	2	1
E-3 5425N 4640E	1	38	20	557	.1	49	21	20	2	2	1
E-3 5425N 4660E	1	20	16	347	.1	24	14	37	2	2	1
E-3 5425N 4680E	2	62	6	253	.1	52	17	30	2	2	1
E-3 5425N 4700E	1	17	10	166	.2	19	9	26	2	2	1
E-3 5400N 4720E	1	27	12	124	.3	26	10	11	2	2	1
E-3 5400N 4740E	1	10	20	326	.3	13	7	8	2	2	1
E-3 5400N 4760E	1	7	11	266	.2	17	8	6	2	2	2
E-3 5400N 4780E	1	5	19	294	.2	9	7	10	2	2	395
E-3 5400N 4800E	1	30	6	254	.5	20	11	8	2	2	19
E-3 5375N 4300E	1	29	8	197	.1	44	9	10	2	2	8
E-3 5375N 4320E	1	19	9	217	.2	39	10	8	2	2	2
E-3 5375N 4340E	1	23	11	126	.1	36	9	8	2	2	1
E-3 5375N 4360E	1	14	7	166	.4	23	8	6	3	3	2
E-3 5375N 4380E	1	20	10	170	.2	26	9	7	2	2	42
E-3 5375N 4400E	1	15	7	128	.1	22	8	11	2	2	14
STD C/AU-S	19	60	41	130	7.6	68	30	39	16	24	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	AS PPM	SB PPM	BI PPM	AU* PPB
E-3 5375N 4420E	1	47	13	111	.3	34	9	19	2	2	3
E-3 5375N 4440E	1	39	11	225	.1	34	14	19	2	2	4
E-3 5375N 4460E	1	39	11	189	.1	47	13	18	2	2	1
E-3 5375N 4480E	1	9	6	221	.2	27	8	10	2	2	1
E-3 5375N 4500E	1	16	7	123	.1	25	8	10	2	2	1
E-3 5375N 4520E	1	26	6	97	.1	25	6	4	2	2	1
E-3 5375N 4540E	1	24	2	240	.1	94	9	4	2	2	2
E-3 5375N 4560E	1	23	11	129	.2	52	7	7	3	2	1
E-3 5375N 4580E	1	29	2	186	.2	40	10	8	2	2	1
E-3 5375N 4600E	1	16	10	125	.2	31	6	2	2	2	1
E-3 5350N 4260E	1	18	8	286	.2	45	10	6	2	2	1
E-3 5350N 4280E	1	37	2	141	.1	42	10	3	2	2	2
E-3 5350N 4300E	1	13	6	173	.1	19	9	28	2	2	1
E-3 5350N 4320E	1	16	3	169	.2	33	8	5	2	2	2
E-3 5350N 4340E	1	13	3	178	.1	17	8	7	3	2	225
E-3 5350N 4360E	1	24	6	71	.1	20	6	11	2	2	1
E-3 5350N 4380E	1	72	15	186	.8	59	12	21	2	2	1
E-3 5350N 4400E	1	97	9	152	.3	50	12	15	2	2	1
E-3 5350N 4420E	1	56	17	202	.3	31	14	25	2	2	1
E-3 5350N 4440E	1	22	13	252	.4	26	11	16	2	2	7
E-3 5350N 4460E	1	13	9	291	.2	21	11	7	3	2	1
E-3 5350N 4480E	1	10	13	246	.2	21	9	8	2	2	1
E-3 5350N 4500E	1	63	9	121	.1	36	15	20	2	2	1
E-3 5350N 4520E	1	13	8	255	.4	29	8	9	2	2	1
E-3 5350N 4540E	1	113	9	328	1.0	336	15	6	2	2	25
E-3 5350N 4560E	1	13	9	250	.3	18	9	6	2	2	2
E-3 5350N 4580E	1	22	10	227	.3	31	11	7	2	2	1
E-3 5350N 4600E	1	21	6	159	.3	55	8	7	2	2	1
E-3 5350N 4620E	1	20	8	168	.2	19	11	8	2	2	2
E-3 5350N 4640E	1	38	6	206	.2	56	16	8	2	2	2
E-3 5350N 4660E	1	37	14	151	.3	30	16	6	2	2	1
E-3 5350N 4680E	1	25	13	170	.4	52	11	11	2	2	1
E-3 5350N 4700E	1	46	5	159	.3	30	18	9	2	2	1
E-3 5350N 4720E	1	6	11	158	.1	12	8	6	2	2	2
E-3 5350N 4740E	1	22	5	184	.4	13	10	11	2	2	1
E-3 5350N 4760E	2	20	10	63	1.0	49	5	19	2	2	1
E-3 5350N 4780E	1	12	11	166	.3	21	9	17	2	2	2
STD C/AU-S	20	59	39	128	7.1	66	29	41	16	22	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	AS PPM	SB PPM	BI PPM	AU* PPB
E-3 5350N 4800E	1	11	4	108	.4	14	7	4	2	2	2
E-3 5325N 4300E	1	10	6	236	.1	16	9	5	2	2	1
E-3 5325N 4320E	1	8	6	135	.1	15	6	3	2	2	1
E-3 5325N 4340E	3	170	10	232	.9	148	11	11	2	2	1
E-3 5325N 4360E	1	49	7	125	.2	44	11	4	2	3	1
E-3 5325N 4380E	1	15	5	211	.1	20	8	8	2	2	8
E-3 5325N 4400E	1	51	10	106	.2	40	10	13	2	2	5
E-3 5325N 4420E	1	30	12	213	.1	24	10	10	2	2	190
E-3 5325N 4440E	1	32	3	183	.1	44	12	3	2	2	1
E-3 5325N 4460E	1	15	6	153	.3	18	7	7	2	2	1
E-3 5325N 4480E	1	14	3	390	.1	26	16	3	2	2	1
E-3 5325N 4500E	1	39	3	562	.2	77	17	4	2	2	24
E-3 5325N 4520E	1	83	6	241	.1	57	20	2	2	2	1
E-3 5325N 4540E	1	163	4	236	1.2	224	16	7	2	2	66
E-3 5325N 4560E	1	26	9	247	.3	74	11	5	2	2	1
E-3 5325N 4580E	1	53	3	275	.3	70	16	3	2	2	1
E-3 5325N 4600E	1	27	7	169	.4	29	10	2	2	2	1
E-3 5250N 4260E	1	22	4	214	.1	55	13	4	2	2	1
E-3 5250N 4280E	1	11	11	135	.1	23	8	3	2	2	1
E-3 5250N 4300E	1	20	7	188	.2	24	10	3	2	3	2
E-3 5250N 4320E	1	18	4	167	.1	16	8	4	2	2	1
E-3 5250N 4340E	1	16	6	88	.1	12	7	6	2	2	1
E-3 5250N 4360E	1	25	2	101	.3	24	9	8	2	2	3
E-3 5250N 4380E	1	40	8	96	.4	28	8	8	2	2	1
E-3 5250N 4400E	1	78	12	240	1.9	37	13	35	2	2	1
E-3 5250N 4420E	1	26	14	80	.1	21	8	12	2	2	1
E-3 5250N 4440E	1	31	8	123	.7	42	10	13	2	3	4
E-3 5250N 4460E	1	22	9	183	1.0	31	11	10	2	2	7
E-3 5250N 4480E	1	20	8	185	.6	34	11	12	3	3	2
E-3 5250N 4500E	1	24	6	194	.5	25	12	8	2	2	1
STD C/AU-S	18	57	39	127	7.5	67	29	39	17	21	53

APPENDIX IV

Petrographic Descriptions

EHB - [illegible]

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph.D. Geologist
A.L. LITTLEJOHN, M.Sc. Geologist
JEFF HARRIS, Ph.D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
VOX 1JO

PHONE (604) 888-1323

Invoice # 6609

July 31st 1987

Report for: R. Gosse,
Minequest Exploration Associates Ltd.,
5th Floor,
164 Water St.,
Vancouver, B.C.

Samples:

2 rock samples, numbered RG-83 and 84, from Project EHB for thin sectioning and petrographic examination.

Summary:

The samples are both aggregates of glassy basaltic fragments.

In RG-83, sub-rounded fragments of strongly vesicular, translucent glass are set in a matrix of sub-opaque glass. In RG-84, sharply angular, peripherally altered fragments of turbid glass are loosely packed without matrix. The primary porosity is largely filled by zeolites.

The precise mode of origin of these rocks is debatable. For more details please see the attached individual descriptions.

J.F. Harris Ph.D.

Sample RG-83

As can be seen from the cut-off chip, this rock takes a strong white etch, indicating a composition equivalent to that of plagioclase.

It is actually a fragmental rock made up entirely of basaltic glass.

The fragments are sub-rounded, generally roughly equant in shape, and 0.05 - 5.0mm or more in size. They consist predominantly of a clear, pale brown glass packed with round, vesicular bodies, 10 - 100 microns in size, filled with a golden-yellow or translucent red isotropic material or, in some cases, with carbonate. The glass matrix often contains sparsely disseminated, strongly flow-oriented, tiny plagioclase laths. A few fragments show flattening (or flow stretching) of the spheroidal bodies.

A small proportion of the fragments are similar to those described except that they lack the golden yellow vesicular fillings. A few are similar to the predominant type, but have appreciably coarser vesicles and plagioclase microphenocrysts. Scattered, sharply angular fragments of water-clear, weakly twinned plagioclase, 0.1 - 1.0mm in size, are another minor component.

All the above are set in a matrix of finely vesicular glass similar to the fragments, but cloudy, sub-opaque in appearance. The matrix is quantitatively minor.

The precise character of this rock is unclear. The constituent fragments are mainly somewhat rounded, but are locally ragged, torn-apart in appearance. Fragments range down to very small size, but the cementing matrix appears to have been fluid glass rather than the comminuted vitric ash one might expect if this were a tuff. Possibly it is a form of flow breccia with a few included crystal clasts, though there is no elongation or preferential orientation of the fragments.

The rock is strikingly fresh in appearance - unless the yellow and red vesicular material is considered to be a form of altered (palagonitic) glass.

Sample RG-84

This is another glassy fragmental. It would appear, from the stained cut-off chip, to be of slightly more potassic composition than RG-83, though it is still essentially of basaltic character.

This rock differs considerably in detail from RG-83. It is composed of close-packed, angular to sub-angular fragments ranging in size from 0.1 - 15 mm or more. The larger fragments are generally equant in shape, whilst the smaller ones are often sharply wedge-shaped.

All the fragments are of similar material - specifically a homogenous, sub-opaque, brownish glass. The larger fragments tend to show a diffuse, concentric zoning (of incipient alteration, leading to a relatively more potassic composition), working inwards from the rims and as envelopes to perlitic microfractures.

Sparsely scattered, individual micro-phenocrysts of fresh plagioclase and augite, 0.1 - 0.5mm in size, are recognizable within the larger fragments.

The small, angular interstices between the glass fragments, where not occupied by very fine chips of the same material, apparently constituted open voids at the time of formation. These void surfaces show partial, very thin colloform coatings (chalcedony?), and are partially filled by fine-grained, prismatic zeolites - probably stilbite.

As in the other sample the exact nature or mode of formation of this rock is obscure. The fragments are lithic clasts, all of the same material, unrounded, non-oriented, and loosely packed. It may be a form of vitric tuff, but the lack of an ash-sized matrix is strange.

APPENDIX V

Airphoto Interpretation

MEMO

TO: Richard Gosse June 15, 1987

FROM: Vin Campbell

CREIGHTON AIR PHOTOS

I have taken a brief look at the photos, with emphasis on those south of Creighton Valley covering the area of Kamloops Gp. Flows (from enclosed map). A few NW and NE fractures are plotted. What are the circular features on the west side? The larger could be a dome structure or eroded flows. I don't know what the smaller one could be if it is underlain by Paleozoic clastics.

Observations:

1) The regional structure (major fractures and lithological trends) is to the NW. Could the fractures have acted as conduits for the Tertiary volcanics? Could they have governed the Jurassic intrusives?

2) The geochemical anomalies fall on major NW or NE fractures. Could this imply leakage from below, unrelated to young volcanics?

3) Could the Jurassic granodiorites have caused mineralization? Are these the same intrusives that have resulted in widespread copper, gold mineralization where they intrude Nicola Group volcanics (which lie a short distance to NW along trend)?

4) Prospect fracture traces using soil geochem along alignments and transects.

   a) in area covered by intrusives
   b) in areas underlain by intrusives near their margins with Kamloops Group

I don't know what has been done or what you are doing, so please excuse my suggesting anything you have done or are doing.

5) The fracture traces are only sketched on the 1:50,000 map. Refer to photos for field verification and others that are not on map.

KVC/sp
MQ7.1

APPENDIX VI

Cost Statement

APPENDIX VI

Cost Statement

CREIGHTON

May 1, 1987 to July 31, 1987

Fees and Wages				
R.V. Longe	5.25 hrs	at $ 80	$ 420.00	
R.V. Longe	1.00 day	at $485	485.00	
A.W. Gourlay	1.00 day	at $385	385.00	
A.W. Gourlay	3.25 hrs	at $ 64	208.00	
K.V. Campbell	8.25 hrs	at $ 80	660.00	
G.R. Peatfield	0.50 hrs	at $ 80	40.00	
			2,198.00	
Temporary Staff				
R. Gosse	10.75 hrs	at $ 48	516.00	
R. Gosse	40.50 days	at $285	11,542.50	
Ross Gourlay	25.75 hrs	at $ 24	618.00	
Les Allen	26.00 days	at $185	4,810.00	
Mark Kilby	4.00 days	at $185	740.00	
Jeff Lansbury	29.00 days	at $185	5,365.00	
Wendy McLean	1.50 hrs	at $ 16	24.00	
Charles Russell	10.00 hrs	at $ 24	240.00	
Dennis Gamble	2.00 days	at $185	370.00	
Brian Ponting	5.00 days	at $135	675.00	
Lorne Wensley	8.00 days	at $185	1,480.00	
			26,380.50	
				$ 28,578.50

Cost Statement

CREIGHTON

May 1, 1987 to July 31, 1987

Casual Wages	107.75	
Plus override at 50%	53.88	
		$ 161.63
Disbursements		
Air fares Scheduled	703.75	
Rental vehicles	1,869.68	
Vehicle repair and maintenance	120.03	
Fuels and lubricants	595.30	
Taxis, parking, fares	155.47	
Freight	395.79	
Line cutting	22.00	
MQ equipment charges - field	816.00	
Equipment rentals	56.75	
Groceries	640.47	
Food and accommodations	4,578.44	
General supplies	1,046.03	
Geochemical analyses	8,065.55	
Courier, postage, telephone	676.79	
Reprographics, in-house	5.25	
Reprographics	195.66	
Xerox, in-house	44.50	
Maps, reports	34.71	
Computer Services	1,680.10	
Report preparation	128.24	
	21,830.51	
Plus 10% override	2,183.05	
		24,013.56
		$52,753.69

APPENDIX VII

Statement of Qualifications

APPENDIX VII

STATEMENT OF QUALIFICATIONS

I, RICHARD RADCLIFFE GOSSE, resident of Vancouver, Province of British Columbia, hereby certify as follows:

1) I am a Consulting Geologist with MineQuest Exploration Associates Ltd. at 500 - 164 Water Street, Vancouver, British Columbia, V6B 1B5.

2) I graduated with a degree of Bachelor of Science, Honours, from the Queen's University in 1982, a degree of Master of Science, Mineral Exploration and from the Royal School of Mines, University of London in 1984.

3) I have practiced my profession for 5 years.

4) I am a fellow of the Geological Society.

5) This report is based on personal supervision of work described herein.

Signature on file

R.R. Gosse
Geologist

Dated at Vancouver, B.C.
this 31st day of August, 1987

APPENDIX VIII

Statements of Exploration & Development

180-

SUB-RECORDER
RECEIVED
JUN 09 1987
M.R. # ..... $.....
VANCOUVER B.C.

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION – TITLES BRANCH

MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

I, ROSS GOURLAY (Name), 5th Floor, 164 Water Street (Address), Vancouver, B.C., V6B 1B5 (Postal Code), 669-2251 (Telephone Number)

Agent for MINEQUEST EXPLORATION ASSOC. LTD. (Name), 5th Floor, 164 Water Street (Address), Vancouver, B.C., V6B 1B5 (Postal Code), 669-2251 (Telephone Number)

Valid subsisting F.M.C. No. 296531 GOURR

Valid subsisting F.M.C. No. MINEXA

STATE THAT

1. I have done, or caused to be done, work on the CREIGHTON I CLAIM GROUP
ECHO II, ECHO III, BONNEAU I, BONNEAU II, MOSS VI Claim(s)
Record No.(s) 1335, 1351, 1349, 1350, 1527
Situate at ECHO LAKE, NEAR LUMBY in the VERNON Mining Division,
to the value of at least 3600 dollars. Work was done from the 1 day
of Jan 1986 19 87, to the 9 day of June 19 87

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)
(Give details as required by section 13 of regulations.)

	COST
TOTAL PHYSICAL	

I wish to apply $ ..... of physical work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

B. PROSPECTING (Details in report submitted as per section 8 of regulations.)
(The itemized cost statement must be part of the report.)

COST

I wish to apply $ ..... of this prospecting work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 5 of regulations.) (The itemized cost statement must be part of the report.)	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
GEOLOGICAL MAPPING, ROCK CHIP SAMPLING	2800
REMOTE SENSING AND AIR PHOTO INTERPRETATION	
TOTAL OF C AND D	2800

Who was the operator (provided the financing)?

Name 1) GOLDQUEST MINERALS CORP.
2) QPX MINERALS INC.

Address 5th Floor, 164 Water Street
Vancouver, B.C. V6B 1B5

Portable Assessment Credits (PAC) Withdrawal Request		AMOUNT
Amount to be withdrawn from owner(s) or operator(s) account(s):	Name of Owner	
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	1. GOLDQUEST MINERALS CORP.	800
	2.	
	3.	
	4.	
	TOTAL WITHDRAWAL	800
	TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	3600

I wish to apply $ 3600 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

CLAIM	RECORD #	MONTH DUE	UNITS	WORK APPLIED	YEARS EARNED
MOSS VI	1527	June	18	3600	1

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (party providing the financing).	1.	
	2.	
	3.	

Ross Gourlay
(Signature of Applicant)

180

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION – TITLES BRANCH

SUB-RECORDER
RECEIVED
JUN 09 1987
M.R. # $
VANCOUVER, B.C.

MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

I, ...Ross. Gourlay..... (Name) Agent for .MINEQUEST. EXPLORATION ASSOC. LTD (Name)

5th Floor, 164 Water Street (Address)
Vancouver, B.C.
V6B 1B5 669-2251 (Postal Code) (Telephone Number)

Valid subsisting F.M.C. No. 296531 GOURR

5th Floor, 164 Water Street (Address)
Vancouver, B.C.
V6B 1B5 669-2251 (Postal Code) (Telephone Number)

Valid subsisting F.M.C. No. MINEXA

STATE THAT

1. I have done, or caused to be done, work on the ..CREIGHTON II CLAIM GROUP
ECHO I, ECHO IV, HUMP II, HUMP III, MOSS V. Claim(s)

Record No.(s) .1334, .1352, .1354, .1355, .1526.....

Situate at ..ECHO LAKE, NEAR LUMBY.... in the ..VERNON..... Mining Division,

to the value of at least ...3600..... dollars. Work was done from the ....1.... day

of ...Jan ....1996..... 19 .87..., to the ....9... day of .....June..... 19 87.....

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by section 13 of regulations.)

	COST
TOTAL PHYSICAL	

I wish to apply $ ..... of physical work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

.....

.....

.....

.....

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

	COST

I wish to apply $ ..... of this prospecting work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

.....

.....

.....

.....

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
GEOLOGICAL MAPPING, ROCK CHIP SAMPLING, REMOTE SENSING AND AIR PHOTO INTERPRETATION	2800
TOTAL OF C AND D	2800

Who was the operator (provided the financing)?

1) GOLDQUEST MINERALS CORP.
Name 2) QPX MINERALS INC.
Address 5th Floor, 164 Water Street
Vancouver, B.C. V6B 1B5

Portable Assessment Credits (PAC) Withdrawal Request Amount to be withdrawn from owner(s) or operator(s) account(s):	Name of Owner	AMOUNT
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	1. GOLDQUEST MINERALS CORP.	800
	2.	
	3.	
	4.	
	TOTAL WITHDRAWAL	800
	TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	3600

I wish to apply $ 3,600 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

CLAIM	RECORD #	MONTH DUE	UNITS	WORK APPLIED	YEARS EARNED
MOSS V	1526	JUNE	18	3,600	1

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (party providing the financing).	1.	
	2.	
	3.	

Ross Dourlay
(Signature of Applicant)

246

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION – TITLES BRANCH

RECEIVED
JUN 09 1987
M.R. # ..... $.....
VANCOUVER, B.C.

MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

I, ROSS GOURLAY (Name)
5th Floor, 164 Water Street (Address)
Vancouver, B.C.
V6B 1B5 (Postal Code) 669-2251 (Telephone Number)
Valid subsisting F.M.C. No. 296531 GOURR

Agent for MINEQUEST EXPLORATION ASSOC. LTD. (Name)
5th Floor, 164 Water Street (Address)
Vancouver, B.C.
V6B 1B5 (Postal Code) 669-2251 (Telephone Number)
Valid subsisting F.M.C. No. MINEXA

STATE THAT

1. I have done, or caused to be done, work on the CREIGHTON III CLAIM GROUP
HUMP I, HUMP IV, HUMP V, MOSS III, MOSS IV (Claim(s))
Record No.(s) 1353, 1356, 1357, 1524, 1525
situate at ECHO LAKE, NEAR LUMBY in the VERNON Mining Division,
to the value of at least 4400 dollars. Work was done from the 1 day
of Jan 86 19 87, to the 9 day of June 19 87.

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)
(Give details as required by section 13 of regulations.)

	COST
TOTAL PHYSICAL	

I wish to apply $ ..... of physical work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

COST

I wish to apply $ ..... of this prospecting work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
GEOLOGICAL MAPPING, ROCK CHIP SAMPLING	3700
REMOTE SENSING AND AIR PHOTO INTERPRETATION	
TOTAL OF C AND D	3700

Who was the operator (provided the financing)?

1) GOLDQUEST MINERALS CORP.
Name 2) QPX MINERALS INC.
Address 5th Floor, 164 Water Street
Vancouver, B.C. V6B 1B5

Portable Assessment Credits (PAC) Withdrawal Request		AMOUNT
Amount to be withdrawn from owner(s) or operator(s) account(s):		
	Name of Owner	
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	1. GOLDQUEST MINERALS INC.	1100
	2.	
	3.	
	4.	
	TOTAL WITHDRAWAL	1100
	TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	4800

I wish to apply $ 4900.00 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

CLAIM	RECORD #	MONTH DUE	UNITS	WORK APPLIED	YEARS EARNED
MOSS III	1524	June	8	1600	1
MOSS IV	1525	June	16	3200	1

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (party providing the financing).	1.	
	2.	
	3.	

Ross Gourlay
(Signature of Applicant)

90'

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION – TITLES BRANCH

SUB-RECORDER RECEIVED
JUN 09 1987
M.R. # $
VANCOUVER, B.C.

MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

I, ROSS GOURLAY (Name) Agent for MINEQUEST EXPLORATION ASSOCIATES LTD (Name)

5 FLOOR - 164 WATER ST. (Address)
VANCOUVER B.C.
V6B 1B3 (Postal Code) 669-2251 (Telephone Number)

5 FLOOR - 164 WATER ST. (Address)
VANCOUVER B.C.
V6B 1B3 (Postal Code) 669-2251 (Telephone Number)

Valid subsisting F.M.C. No. 296531 GOUR

Valid subsisting F.M.C. No. 296272 MINEXA

STATE THAT

1. I have done, or caused to be done, work on the CREIGHTON IV CLAIM GROUP: MOSS I, MOSS II, MOSS III, MOSS VIII Claim(s)
Record No.(s) 1522, 1523, 1623, 1624
Situate at ECHO LAKE, NEAR LUMBY in the VERNON Mining Division,
to the value of at least 1600 dollars. Work was done from the 1 day
of JAN 19 87, to the 9 day of JUNE 19 87

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)
(Give details as required by section 13 of regulations.)

	COST
TOTAL PHYSICAL	

I wish to apply $ ..... of physical work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

.....
.....
.....
.....

B. PROSPECTING (Details in report submitted as per section 8 of regulations.)
(The itemized cost statement must be part of the report.)

COST

I wish to apply $ ..... of this prospecting work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

.....
.....
.....
.....

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
GEOLOGICAL MAPPING, ROCK CHIP SAMPLING	1300
REMOTE SENSING AND AIR PHOTO INTERPRETATION	
TOTAL OF C AND D	1300

Who was the operator (provided the financing)?

1) GOLDQUEST MINERALS CORP

Name 2) QPX MINERALS INC

Address SUITE 500, 169 WATER STREET

VANCOUVER B.C. V6B 1B5

Portable Assessment Credits (PAC) Withdrawal Request Amount to be withdrawn from owner(s) or operator(s) account(s):	Name of Owner	AMOUNT
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	1. GOLDQUEST MINERALS CORP.	300
	2.	
	3.	
	4.	
	TOTAL WITHDRAWAL	300
	TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	1600

I wish to apply $ 1600 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

~~CLAIM~~	RECORD*	MONTH DUE	UNITS	WORK APPLIED	YEARS EARNED
MOSS II	1523	JUNE	8	1600	1

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (party providing the financing).	1.	
	2.	
	3.	

Ross Gourlay

(Signature of Applicant)

CASH PAYMENT RECORD

(For payment of cash in lieu of work and (or) rent when work is not recorded)

I, ROSS GOURLAY (Name) of 3 FLOOR, 169 WATER ST. (Address),

VANCOUVER B.C., submit the sum of $ 3520.00

to be applied as indicated hereunder, on mineral claims or leases located in the VERNON Mining Division, and which are held in the name(s) of:

(Name)	(Address)
MINEQUEST EXPLORATION ASSOCIATES LTD.	3 FLOOR, 169 WATER ST., VANCOUVER B.C.

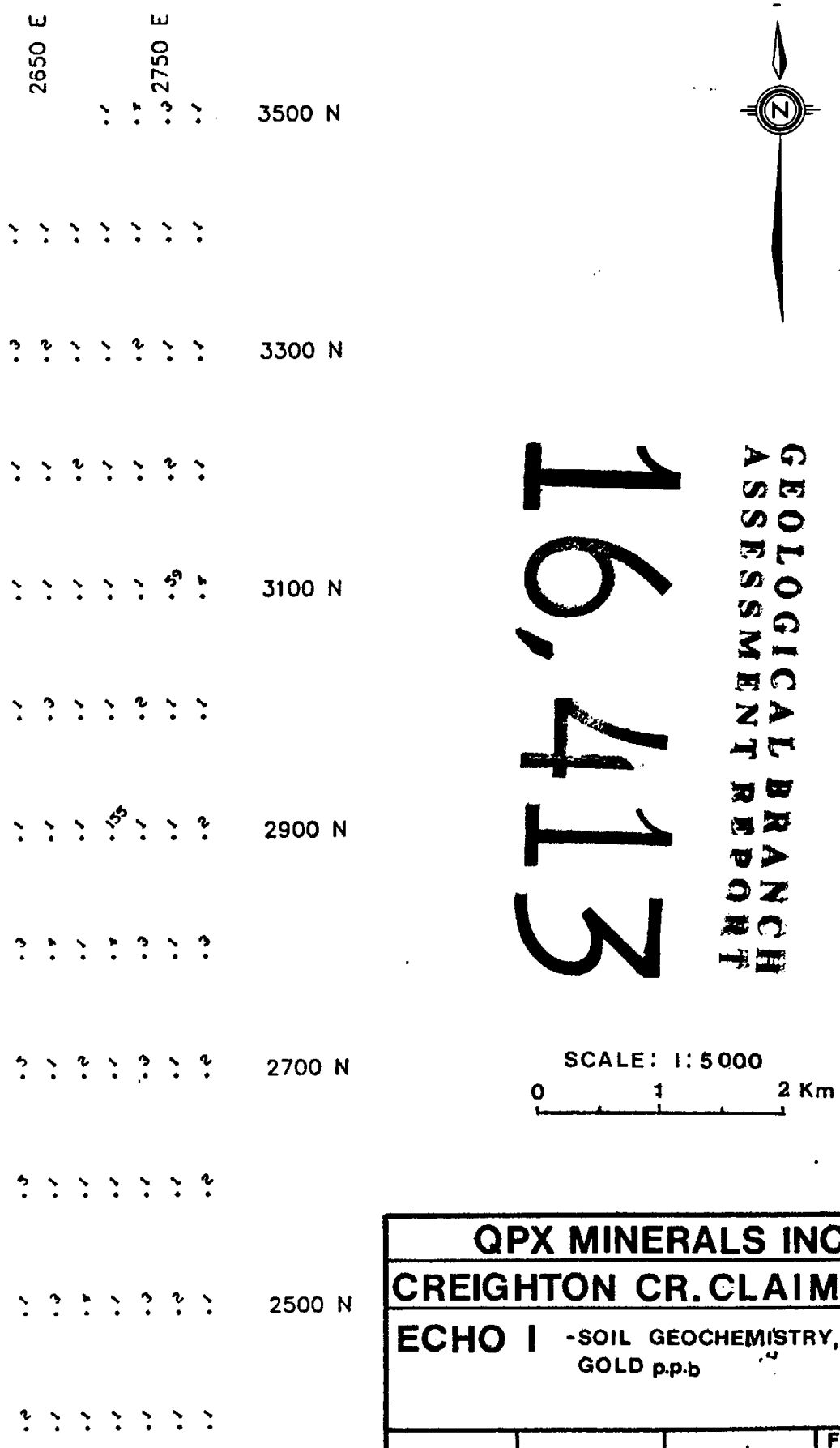
holder(s) of Free Miner's Certificate(s) No.(s) MINEXA 296272

Signature Ross Gourlay

C/L ($)	Rent ($)	Penalty Paid in ($)	Name of Claim, Lease, or PML	Number of Units	Record No.	Month of Record
3200.00	320.00		MOSS I	16	1522	JUNE

CASH PAYMENT No.

SUB-RECORDER
RECEIVED
JUN 0 3 1987
M.R. # ..... $.....
VANCOUVER, B.C.
MR OR SMR STAMP



16,413

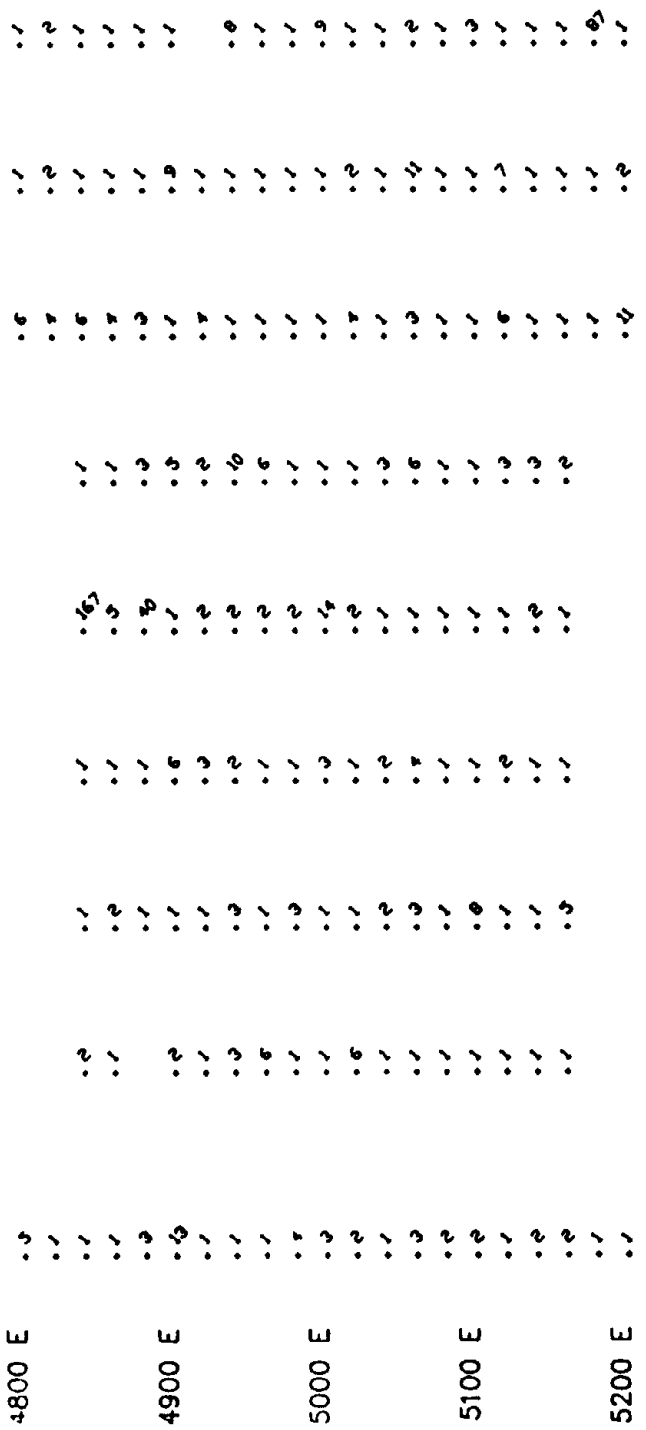
GEOLOGICAL BRANCH
ASSESSMENT REPORT

QPX MINERALS INC.

CREIGHTON CR. CLAIMS

ECHO I -SOIL GEOCHEMISTRY, GOLD p.p.b

		SEPT - '87	FIGURE - 4
		NTS 82 L 2	



SCALE: 1:5000

0 1 2 Km

QPX MINERALS INC.	
CREIGHTON CR. CLAIMS	
ECHO II -SOIL GEOCHEMISTRY, GOLD p.p.b	
SEPT - '87	FIGURE - 5
NTS 82 L 2	

SCALE: 1:5000

0 1 2 Km

QPX MINERALS INC.

CREIGHTON CR. CLAIMS

ECHO III - SOIL GEOCHEMISTRY, GOLD p.p.b

		SEPT - '87	FIGURE - 6
		NTS 82 L 2	

368000 E | 370000 | 372000 E | 374000 E

5562000 N | 5560000 N | 5558000 | 5556000 N | 5554000 N

HUMP V | HUMP IV | HUMP III | HUMP I | HUMP II

ECHO IV | ECHO I | BONNEAU I

MOSS I | MOSS IV | MOSS II | MOSS III | MOSS V | MOSS VI

BARBE LAKES | MOSQUITO LAKE | DENISON LAKE

3000 | 4000 | 4500 | 5000

eTkvt | eTkvr | eTkvd | eTkvb | mTv | PIPs | PIPg | rp

LEGEND

GEOLOGICAL CONTACTS

known
probable
inferred
Airphoto lineations

ROCK TYPES

mTv — Plateau Lava: olivine basalt

mTs — Miocene Sediments: fanglomerates and basaltic arenites (undivided)

eTkvd — Kamloops Group Volcanics
t rhyolite tuff
r rhyolite flow and flow breccia
b basalt flow and flow breccia
d debris flow or lahar

rp — unclassified 'rhyolite porphyry dykes'

LJgd — Valhalla Plutonic Rocks: quartz diorite dykes

CPTA — Thompson Assemblage
a andesite tuff
l limestone

PIP — Shuswap Metamorphic Complex
g granitiod gneiss
s mica schist

Scale 1:10,000

0 300 600 900 1200

metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,413

QPX MINERALS INC.

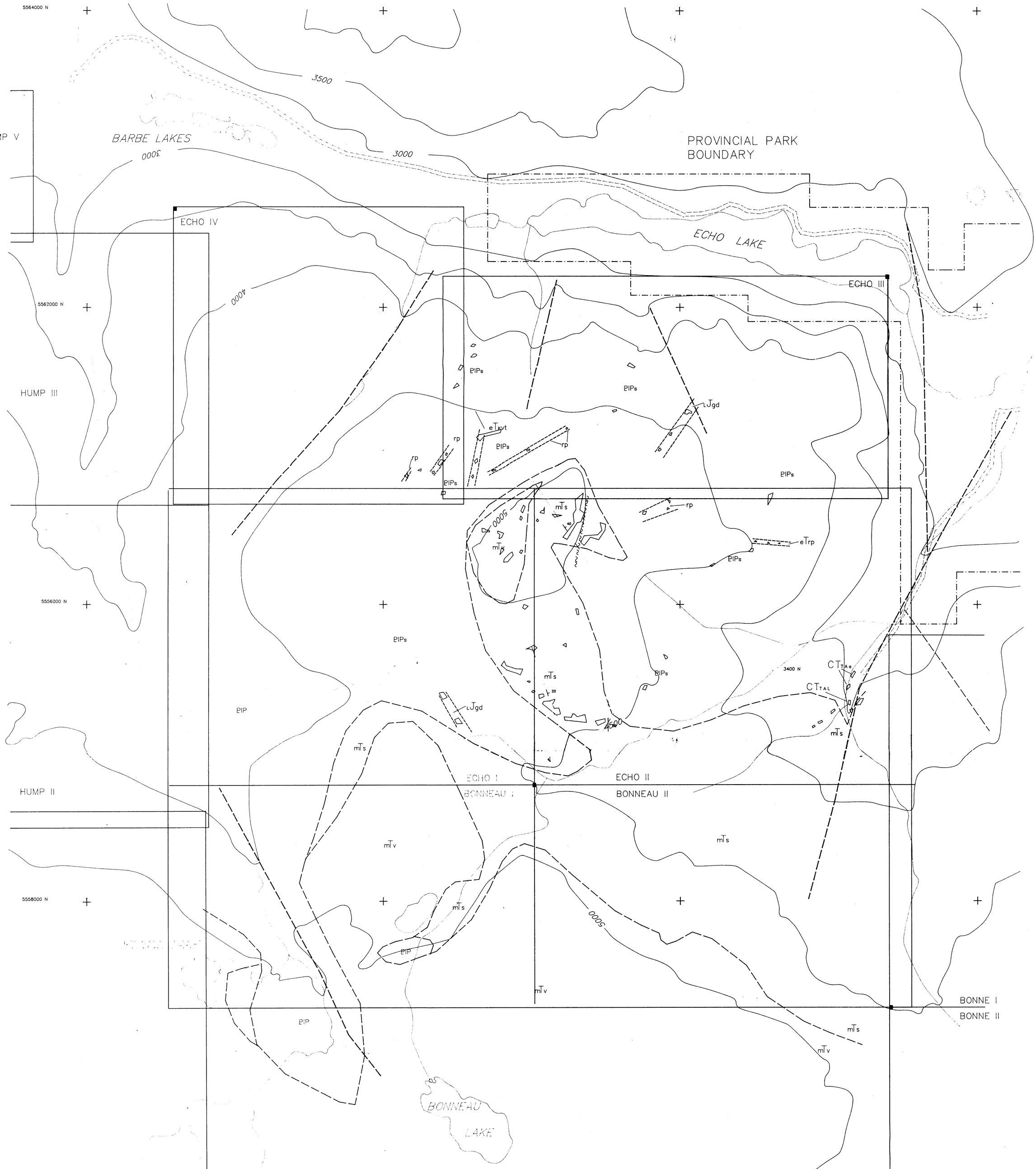
CREIGHTON CLAIMS – WEST

GEOLOGY

	Originator	Drawn	Date	PLAN No.	FIGURE
Original		Geo-Comp	Aug '87	1031	2a
Revision				N.T.S.	
Revision				82L/2	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: wgeo\creight\v Sept.1/87



LEGEND

GEOLOGICAL CONTACTS

..... known
---- probable
— — inferred

— — Airphoto lineations

ROCK TYPES

$m\overline{T}v$ Plateau Lava
olivine basalt

$m\overline{T}s$ Miocene Sediments
fanglomerates and basaltic arenites (undivided)

$e\overline{T}kvd$ Kamloops Group Volcanics
t rhyolite tuff
r rhyolite flow and flow breccia
b basalt flow and flow breccia
d debris flow or lahar

rp unclassified 'rhyolite porphyry dykes'

$_{L}Jgd$, Valhalla Plutonic Rocks
quartz diorite dykes

CP_{TA} Thompson Assemblage
a andesite tuff
l limestone

PIP Shuswap Metamorphic Complex
g granitiod gneiss
s mica schist

Scale 1:10,000
0 300 600 900 1200
metres

GEOLOGICAL BRANCH ASSESSMENT REPORT

16,413

QPX MINERALS INC.

CREIGHTON CLAIMS – CENTRAL

GEOLOGY

	Originator	Drawn	Date	PLAN No.	FIGURE
Original		Geo–Comp	Aug '87	1032	2b
Revision				N.T.S. 82L/2	
Revision					

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo–Comp Drawing File: cgeo\creight\v Sept.1/87

368000 E
370000
372000 E
374000 E
5562000 N
5560000 N
5558000
5556000 N
5554000 N

HUMP V
HUMP IV
HUMP III
HUMP I
HUMP II
ECHO IV
ECHO I
BONNEAU I
MOSS I
MOSS IV
MOSS II
MOSS III
MOSS V
MOSS VI

BARBE LAKES
MOSQUITO LAKE
DENISON LAKE

3000
4000
4500
5000

RG-1
RG-2
RG-3
RG-4
RG-5
RG-6
RG-7
RG-8
RG-9
RG-10
RG-11
RG-12
RG-13
RG-14
RG-15
RG-34
RG-38,39
RG-40
JL-2
JL-20
JL-32
JL-33,LES-226
JL-34
JL-35,36
LES-210
LES-211
LES-212,JL-21
LES-213
LES-214
LES-215
LES-216
LES-217
LES-219
LES-224
LES-225

LEGEND

x RG-1 Rock samples
o LES-101 Silt samples

Scale 1:10,000

0 300 600 900 1200

metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,413

QPX MINERALS INC.

CREIGHTON CLAIMS – WEST

SAMPLE LOCATIONS

	Originator	Drawn	Date	PLAN No.	FIGURE
Original		Geo-Comp	Aug '87	1033	3a
Revision				N.T.S.	
Revision				82L/2	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: wsilt1\creight\v Sept.1/87

5564000 N

5562000 N

5560000 N

5558000 N

5556000 N

374000 E

376000 E

378000 E

380000 E

HUMP V

HUMP III

HUMP II

MOSS VI

BARBE LAKES

DENISON LAKE

BONNEAU LAKE

PROVINCIAL PARK BOUNDARY

ECHO LAKE

ECHO IV

ECHO III

ECHO II

ECHO I

BONNEAU I

BONNEAU II

ECHO III GRID

ECHO II GRID

ECHO I GRID

3500

3000

4000

5000

4500

LES-149,150
LES-148
LES-151
LES-144
LES-143
LES-145,146,147
RG-33
RG-31,32
RG-30
RG-29
LES-142
LES-141
LES-117
RG-17
RG-18
RG-76,77
RG-36
RG-35
RG-34
RG-19,20
LES-218
RG-21
JL-1
LES-116
RG-24
RG-27
RG-82
RG-23
RG-26
RG-28
LES-103
LES-102
RG-81
RG-66
LES-164
LES-153
LES-160
LES-163
LES-104
LES-152
LES-105
LES-106
RG-78
LES-161
LES-162
LES-1077
LES-108,109
LES-110,111
LES-112
RG-59
RG-22
RG-80
LES-198
JL-13
LES-199
RG-45
LES-200
RG-46
RG-58
RG-37
3400 N
LES-113
JL-14
LES-165-177,JL-3-5,RG-49-51,LES-186-193,RG-83
RG-47,48
LES-201
JL-15
LES-195-196
RG-64
RG-57
RG-56
JL-8-10
RG-63
JL-12
LES-115,181-184
RG-67-74
LES-194
LES-114
RG-52
RG-53
RG-55
JL-7
RG-54
RG-62
LES-118
LES-180
LES-122
LES-119
LES-178,179

LEGEND

x RG-1 Rock samples
o LES-101 Silt samples

Scale 1:10,000

0 300 600 900 1200

metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,413

QPX MINERALS INC.

CREIGHTON CLAIMS – CENTRAL

SAMPLE LOCATIONS

	Originator	Drawn	Date	PLAN No.	FIGURE
Original		Geo-Comp	Aug '87	1041	3b
Revision		KS	DEC '87	N.T.S. 82L/2	
Revision					

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: csilt1\creight\v Sept.1/87

PROVINCIAL PARK BOUNDARY

ECHO LAKE

ECHO III

ECHO II

BONNEAU II

BONNE I

BONNE II

5564000 N
5562000 N
5560000 N
5558000 N
5556000 N

378000 E
380000 E
382000 E
384000 E

LES-142
LES-141
RG-76,77
RG-36
RG-19,20
RG-35
RG-34
LES-218
RG-21
JL-1
RG-82
LES-102
RG-81
RG-66
LES-164
LES-153
LES-160
LES-163
LES-104
LES-152
LES-105
RG-78
LES-106
LES-161
LES-162
LES-1077
LES-108,109
LES-110,111
LES-112
RG-59
RG-80
RG-58
RG-37
LES-198
JL-13
LES-199
RG-45
LES-200
RG-46
LES-113
JL-14
LES-165-177,JL-3-8,RG-49-51,LES-186-193,RG-83
RG-47,48
LES-201
JL-12
JL-15
LES-195-196
LES-194
RG-64
RG-57
RG-56
JL-8-10
RG-63
RG-55
JL-7
RG-54
RG-62
JL-23
JL-22
LES-231
LES-222
LES-1219
LES-220
LES-223
LES-197
RG-75
RG-154,157,156
JL-16
LES-202
LES-100
LES-203
LES-159
LES-1158
LES-204,205
LES-101
JL-18
LES-208
JL-17
LES-207
LES-206
LES-122
LES-120,121
LES-119
LES-185
LES-178,179
LES-118
LES-180
RG-61
LES-139,140
LES-123
LES-138
LES-137
LES-136
JL-24
JL-25
JL-26
JL-27
JL-28
JL-29
JL-30
JL-31
LES-133,134
LES-132
LES-130
LES-120
LES-135
LES-131
LES-129
LES-128
LES-125
LES-127
LES-126
RG-60
4000
3000
3000
4000

LEGEND

x RG-1 Rock samples
o LES-101 Silt samples

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,413

Scale 1:10,000

0 300 600 900 1200

metres

QPX MINERALS INC.

CREIGHTON CLAIMS – EAST

SAMPLE LOCATIONS

	Originator	Drawn	Date	PLAN No.	FIGURE
Original		Geo-Comp	Aug '87	1035	3c
Revision				N.T.S.	
Revision				82L/2	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: esilt/creight\v Sept.1/87