MineQuest Report No. 249 Ref.: RM1019

JUN	17	1991	RD.	_
				ļ
				1
				j
			<u></u>	
			_	
	JUN	JUN 17		

### ZIG PROPERTY

# REVERSE CIRCULATION PERCUSSION DRILLING

FEBRUARY, 1991

South Central British Columbia Nicola Mining Division

NTS 92H/15

Latitude 49°59' N

Longitude 120°35' W

674000 m. E. 5522000 m. N. UTM

for Rayrock Yellowknife Resources Inc.

> by A.W. Gourlay

 $\mathsf{of}$ MineQuest Exploration Associates Ltd.

CE ZO < A **M M →** 4Z CE **(7)** 0 0 1 **O 0**2

Claim <u>Name</u>	Record <u>Number</u>	<u>Units</u>	Record <u>Date</u>
ZIG 1	2244	20	Aug 12, 1992
ZIG 2	2242	20	Aug 13, 1992
ZIG 3	2243	20	Aug 12, 1992
ZIG 4	2255	20	Sept. 8, 1992
ZIG 5	2256	12	Sept. 23, 1992
ZIG 6	2389	10	May 24, 1991
ZIG Fr.	2458	1	Sept. 22. 1991
ZUL 1	2249	12	Aug. 18, 1992
ZUL 2	2250	12	Aug. 17, 1992
ZUL 3	2378	4	Feb. 15, 1993

Vancouver, B.C.

March, 1991

# TABLE OF CONTENTS

		<u>Page</u>
1.0	INTRODUCTION	. 1
1.1	Location, Access and Terrain 1.2 Property Definition and History 1.3 Claims Status 1.4 Summary of Work Done - Current Program	1 1 3 3
2.0	GEOLOGY	4
	2.1 Regional Geology 2.2 Property Geology	4
3.0	REVERSE CIRCULATION PERCUSSION DRILLI	: <b>NG</b> 5
	3.1 Drilling and Sampling Procedures 3.2 Results 3.2.1 Hole AGR 91-01 3.2.2 Hole AGR 91-02 3.2.3 Hole AGR 91-03 3.2.4 Hole AGR 91-04 3.2.5 Hole AGR 91-05 3.2.6 Hole AGR 91-06 3.2.7 Hole AGR 91-07 3.2.8 Hole AGR 91-08 3.2.9 Hole AGR 91-09 3.3 Thin Sections	5 7 7 7 7 8 8 8 8 9 9 10
4.0	DISCUSSION	11
5.0	CONCLUSIONS	13
6.0	RECOMMENDATIONS	14
7 0	RIRI.TOGRADHY	15

# LIST OF FIGURES

Figure		<u>After Page</u>
1	Location Map	1
2	Claim Map	2
3	Local Geology	4
4	Drill Hole Locations and Summary of Induced Polarization Results (Plan 1621)	in pocket on
5	Section Through Hole AGR 91-01	. 7
6	Section Through Hole AGR 91-04	8
7	Section Through Hole AGR 91-05	8
8	Section Through Hole AGR 91-06	8
9	Section Through Hole AGR 91-07	9
10	Section Through Hole AGR 91-08	9
11	Section Through Hole AGR 91-09	10

## LIST OF APPENDICES

Appendix I Minfile References

Appendix II Laboratory Methods

Appendix III Laboratory Reports

Appendix IV Drill Logs

Appendix V Polished Section Descriptions

Appendix VI Statement of Qualifications

Appendix VII Cost Statement

Appendix VIII Statements of Work

#### INTRODUCTION

This report presents the results of a reverse circulation percussion drill program carried out on the Zig Property during the winter of 1991.

### 1.1 Location, Access, and Topography

The Zig Property is located 150 kilometres northeast of Vancouver and 34 kilometres south of Merritt in south-central British Columbia (Figure 1). The claims are situated within National Topographic System area 92H/15E and are centred at approximately 49°50'N latitude and 120°35'W longitude.

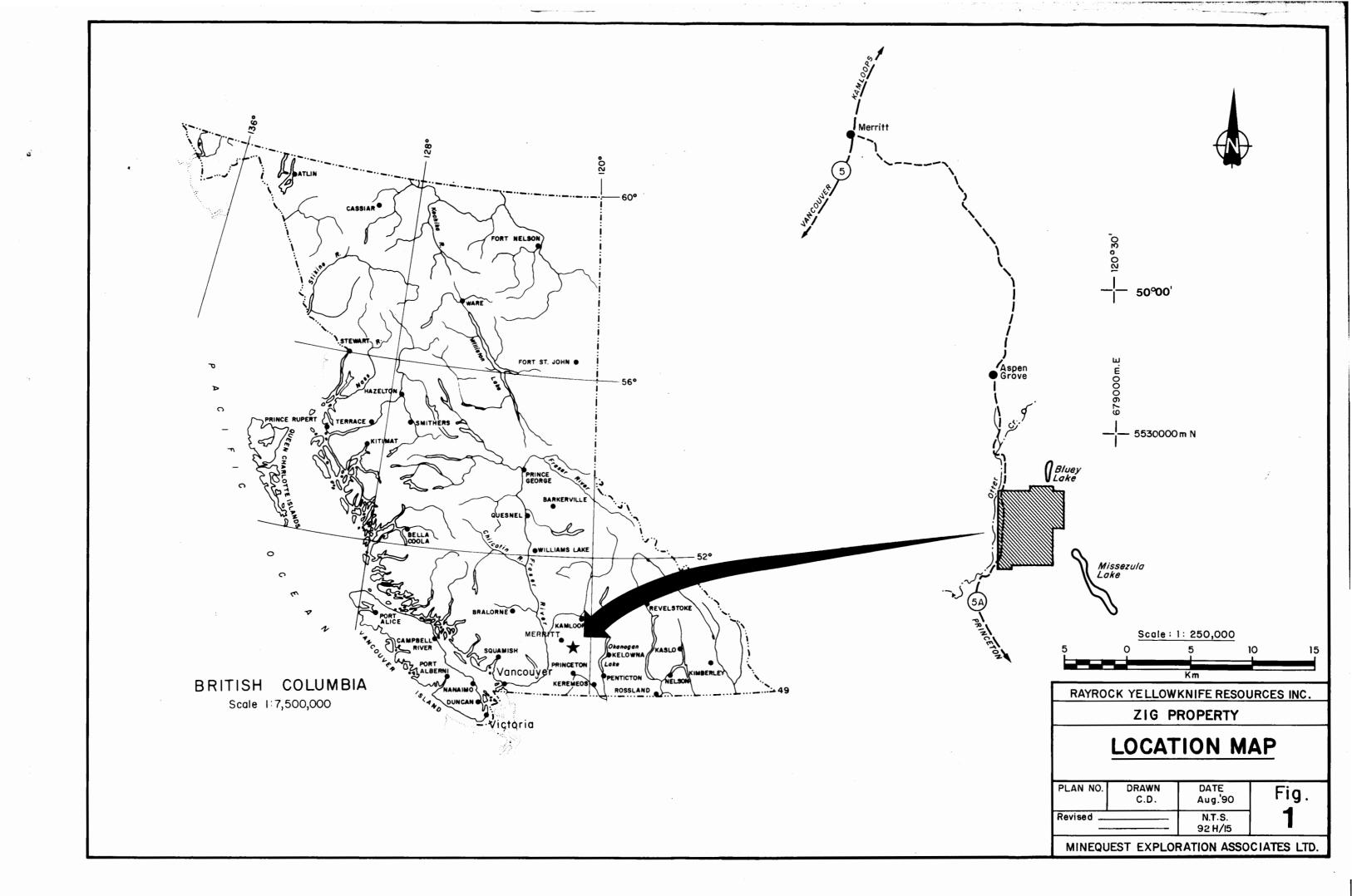
Access to the claims is by road from Merritt. The claims are crossed by a network of forestry and secondary gravel roads, and numerous abandoned logging trails. The surface rights covering approximately 40% of claims are held by private owners.

Relief within the property is about 365 metres from Otter Creek (975 m) to the high ground (1340m) along the southern boundary of the claims. The property covers grassland and open deciduous forest, with local thickets of dense scrub. The area is being selectively logged, and is used as rangeland.

There are several ponds and lakes that may be used as a source of water for drilling.

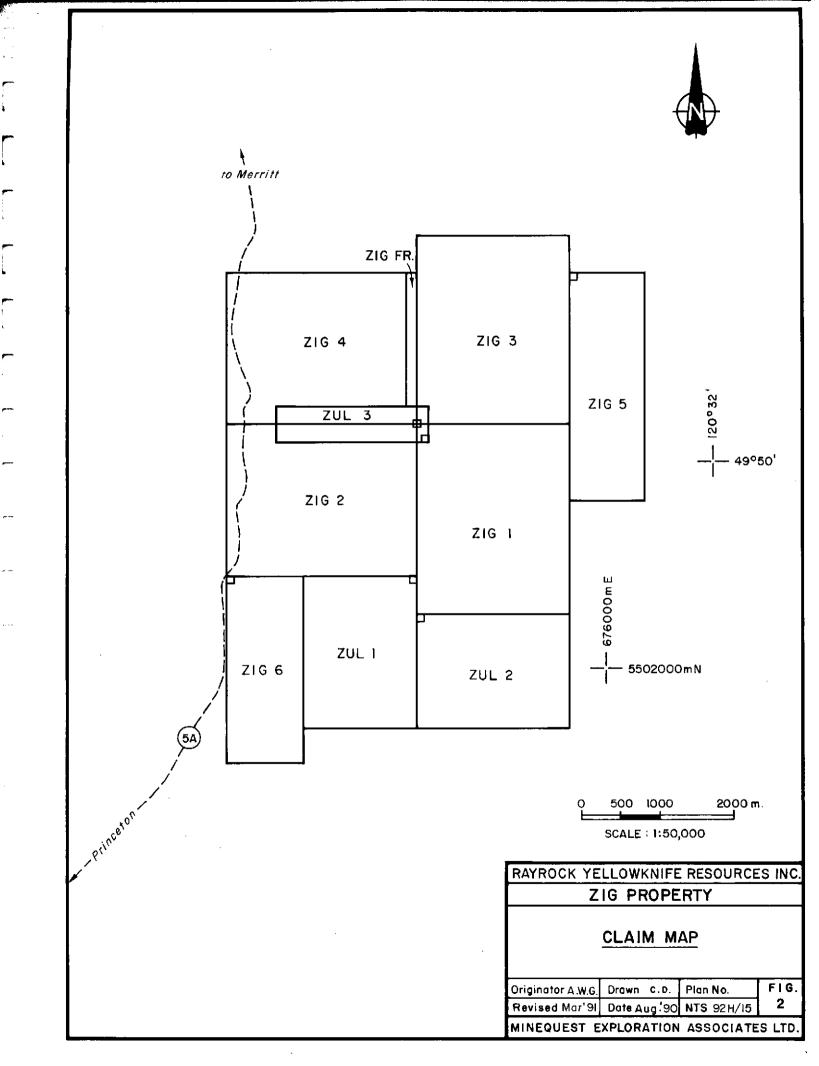
### 1.2 Property Definition and History

Prompted by renewed interest in the potential for copper-gold porphyry systems and the result of the Mt. Milligan discovery, George Vernon identified the opportunities presented by open ground within the Aspen Grove Camp. The Zig Property and adjoining ground, was staked by MineQuest Exploration Associates Ltd. in conjunction with Mr. Vernon during 1989 and 1990.



Although the Aspen Grove camp has been explored since the turn of the century, the only reported work on the Zig Property dates from the early 1970's (Minfile References, Appendix I). During 1973, Noranda Exploration Co. Ltd. carried out an airborne magnetometry survey, followed by geological mapping and a ground VLF-EM survey. Cominco Ltd. staked claims in 1978 and performed a limited amount of IP and magnetometry surveys in conjunction with geological mapping, trenching, and a small soil sampling program. During 1979 Cominco extended the soil coverage and the magnetometry survey, and carried out a six hole percussion drill program. six holes collared, only two penetrated bedrock, both intersecting altered diorite. One hole returned 105 feet grading 0.14% Cu. In 1985 Vanco Explorations Ltd. carried out soil sampling and some reconnaissance geological mapping on a number of grids located on ground now covered by the ZIG Geochemical gold values associated with copper were reported in rocks. Work in 1987 by Laramide Resources Ltd. consisted of soil and rock qeochemistry on the claims and to the south. copper-gold association in rocks was confirmed.

During 1990 MineQuest Exploration Associates Ltd. carried out a program of line cutting and 56.15 kilometres of Induced Polarization survey. In addition, a limited amount of prospecting and rock chip sampling was completed.



### 1.3 Claim Status

The claims listed below are in good standing as of March 31, 1991, and are held by MineQuest Exploration Associates Ltd. under the terms of an option agreement between Rayrock Yellowknife Resources Inc., MineQuest, and George W. Vernon.

Claim <u>Name</u>	Record <u>Number</u>	Units	Due Date Before Submission of this Report
ZIG 1	2244	20	Aug 12, 1992
ZIG 2	2242	20	Aug 13, 1992
ZIG 3	2243	20	Aug 12, 1992
ZIG 4	2255	20	Sept. 8, 1992
ZIG 5	2256	12	Sept. 23, 1992
ZIG 6	2389	10	May 24, 1991
ZIG Fr.	2458	1	Sept. 22. 1991
ZUL 1	2249	12	Aug. 18, 1992
ZUL 2	2250	12	Aug. 17, 1992
ZUL 3	2378	4	Feb. 15, 1993

### 1.4 <u>Summary of Work - Current Program</u>

Work carried out in this exploration program, which took place from January 15 to February 18, 1991, consisted of access road and drill site preparation, and 651 m (2135 ft) of reverse circulation percussion drilling in nine holes. A total of 155 samples of drill cuttings were collected.

Drill sites and access roads were prepared by M. Steiner and A. Wardell, under the supervision of G. Vernon. A.W. Gourlay logged the chips and G. Vernon sampled the drill cuttings. The program was under the direction of A.W. Gourlay.

**GEOLOGY** 

### 2.1 Regional Geology

Figure 3 illustrates the local setting of the Zig Property, as mapped by Preto (1979). The claims fall within the Nicola Group of upper Triassic volcanic, sedimentary, and intrusive rocks. The Nicola Group and equivalents extend from the British Columbia - Washington border north, through the Quesnel Belt, to the British Columbia - Yukon border.

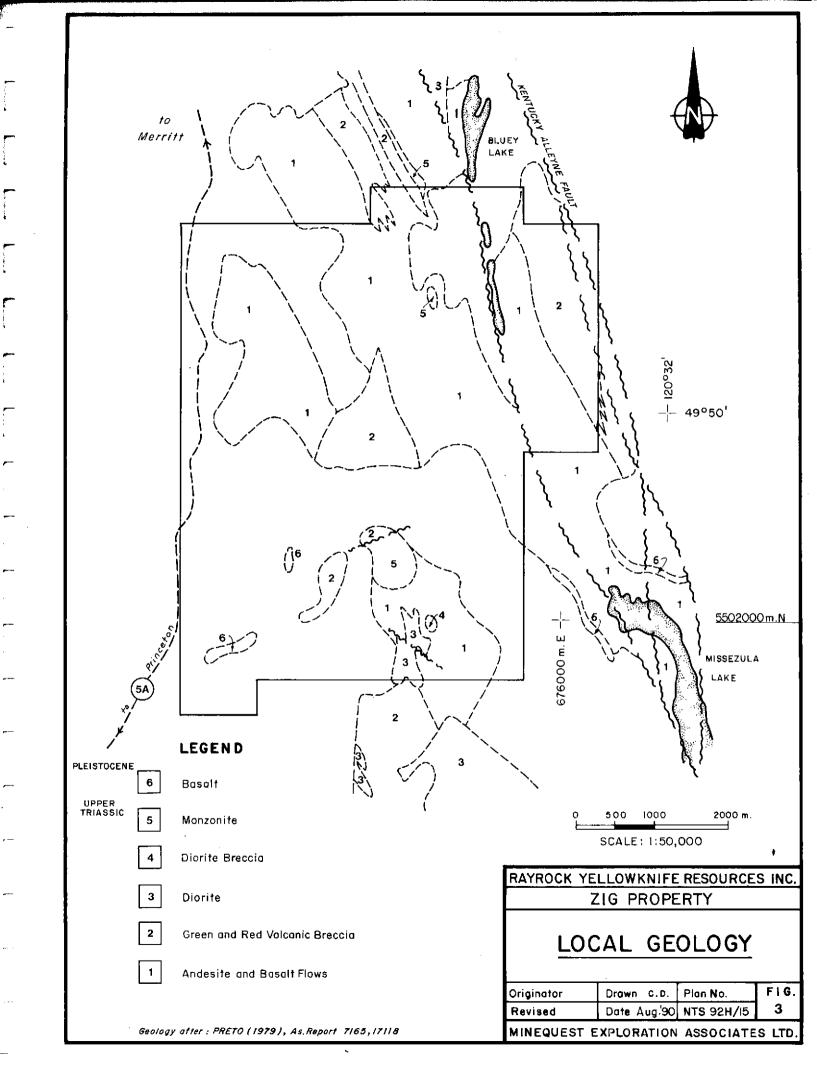
The Nicola Group consists of calc-alkaline to alkaline volcanic rocks and related sediments, and coeval alkaline intrusives. In the Aspen Grove area the distribution of the Nicola Group rocks is controlled by north-northwest trending faults; the Allison Fault to the west and the Kentucky - Alleyne Fault on the east. Preto (1979) defined a Western Belt composed of calc-alkaline flows and tuffs, a Central belt dominated by alkaline to calc-alkaline volcanics and intrusives with minor sedimentary rocks, and an Eastern Belt consisting of sediments, tuffs, and alkaline flows.

The majority of mineral occurrences are found in the Central Belt. While copper sulphides are found throughout the lithologies of the Central Belt, the occurrences of greatest potential are closely related to intrusives and breccias. Preto (1979) and Osatenko (1979) defined several diorite, diorite breccia, and monzonite bodies within the boundaries of the Zig Property.

### 2.2 Property Geology

The claims lie within the Central Belt of alkaline to calc-alkaline volcanic rocks and intrusive equivalents. Previous work has defined diorite intrusives in the northern portion of the claims, and an area containing diorite, diorite breccia, and monzonite in the south-central part of the property.

No mapping has been completed on the property. The drilling intersected fine grained dacite flows, diorite, and basaltic andesite. Overburden reaches depths of at least 41 metres.



#### 3.0 REVERSE CIRCULATION PERCUSSION DRILLING

### 3.1 <u>Drilling and Sampling Procedure</u>

Nine reverse circulation percussion drill holes, totalling 650.72 metres, were drilled using a track mounted drill system designed, owned, and operated by Northspan Explorations Ltd. of Westbank, B.C. Drilling was done on twelve hour, one shift per day basis. Drill hole locations are shown on Figure 4 and the specifications for the drill holes are listed below.

HOLE	DIP	DEPTH (m)	<u>TARGET</u>	GRID N	GRID E
AGR 91-01	-90	68.58	VI	3575	3715
AGR 91-02	-90	36.59	VI	3610	3812
AGR 91-03	-90	60.95	I	7200	4437
AGR 91-04	-90	67.05	VII	3175	5975
AGR 91-05	<b>-90</b> .	60.95	VII	3165	5900
AGR 91-06	-90	70.10	VII	3230	5793
Not Numbered	-45 -52	27.43 27.43	II II	6725 6725	6800 6800
AGR 91-07	-90	91.43	IV	4393	6586
AGR 91-08	-90	70.10	IV	4396	6500
AGR 91-09	-90	70.10	IV	4392	6437

The drilling was completed between February 4th and 17th, 1991.

Each 3.05 metre (10 foot) interval of bedrock was sampled. All samples were split using a Jones triple-tier riffle splitter, down to approximately 5 kg, 1/8 of original size. Each split sample was collected in doubled plastic bags that were sealed individually with plastic cable ties. All bagged samples were placed in plastic buckets that were sealed and shipped to Acme Analytical Laboratories Ltd. of Vancouver B.C. Duplicate check samples were collected from the reject side of the splitting process and shipped to Eco-Tech Laboratories Ltd. of Kamloops B.C.

From the reject portion of each sample, chips greater than 6mm were sieved and collected for logging. The chips were cleaned with water and examined through hand lens and binocular microscope. Gross lithology, obvious alteration, and sulphide content were noted. Approximately 500 grams of chips were retained from each sample.

### 3.2 Results

## 3.2.1 <u>Hole AGR 91-01</u> (Figure 5)

The first two holes were designed to test Target VI, chargeability and resistivity anomalies defined by both time and phase domain surveys.

Hole AGR 91-01 encountered dacite flows beneath 41.15 m of overburden. The dacite is fine grained with subhedral white feldspar phenocrysts up to 1 mm size and anhedral grey quartz phenocrysts that range up to 2 mm size. Sulphide content varies from a trace to less than 1%.

Copper and gold values reached highs of 40 ppm and 4 ppb respectively, in the monzonite.

### 3.2.2 <u>Hole AGR 91-02</u>

The second hole was drilled 97 metres east of Hole 91-01 to test the eastern margin of Target VI. Two attempts, both thwarted by clay, were made to reach bedrock; the first was abandoned at 9.14 m, the second at 27.43 m.

### 3.2.3 <u>Hole AGR 91-03</u>

The third hole tested a sinuous chargeability and metal factor feature at Target I. 60.95 m of overburden were cut from top to bottom of the hole. A wet clay section between 35.05 and 49.36 m may have produced the IP response.

Holes 91-04, 05, and 06 were drilled at Target VII, an area mapped as diorite, diorite breccia, and monzonite by previous workers. Coincident chargeability and resistivity had been defined by time and phase domain surveys.

# HOLE AGR 91-01

Location: 3575 N, 3715 E

Inclination: -90 Depth: 68.58 m

° °	Sample Number	Au (ppb)	(ppm)
	91101	3	28
	91102	4	35
	91103	2	25
	91104	2	23
	91105	2	22
	91106	1	25
臺	91107	1	24
量	91108	2	26
置	91109	2	40

# LEGEND

# PLEISTOCENE and RECENT

Overburden

Vesicular Olivine Basalt

# AGE UNCERTAIN

Consolidated gravel or poorly consolidated pebble conglomerate

# UPPER TRIASSIC

# Nicola Group

Fine grained basaltic andesite

Fine grained dacite flows

oo Lahar

Fine grained diorite

Note:

All sample numbers prefixed 'AGR' Complete results tabulated in Appendix

SCALE 1:250 5 10 m

RAYROCK YELLOWKNIFE RESOURCES INC.

ZIG PROPERTY

SECTION THROUGH HOLE AGR 91-01

PLAN No.	DRAWN C.D.	DATE Feb, 1991	FIG.
REVISED		N.T.S. 92 H /15 F	5

MINEQUEST EXPLORATION ASSOCIATES LTD.

## 3.2.4 <u>Hole AGR 91-04</u> (Figure 6)

The fourth hole, on the east side of the geophysical feature, cut 5.5 m of overburden before entering bedrock. From 5.5 to 21.33 m the hole encountered a maroon lahar or breccia containing fragments of monzonite. At 21.33 m the hole cut basaltic andesite tuffs to the bottom of the hole at 67.05 m. The tuffs are very fine grained, grey-green to maroon colour and are interbedded. Pyrite is ubiquitous, averaging 2% throughout the hole.

85 ppm copper and 19 ppb gold were the maximum values returned.

## 3.2.5 <u>Hole AGR 91-05</u> (Figure 7)

Beneath 4.0 m of overburden Hole 91-05 intersected maroon lahar or breccia to 24.4 m. Interbedded maroon and grey tuffs are found from 24.4 to 60.96 m, the end of the hole. The tuffs are very fine grained, locally contain up to 40% pale green feldspar phenocrysts, and carry up to 3% disseminated very fine grained pyrite.

Copper reached a high of 134 ppm and gold returned a best value of 15 ppb.

## 3.2.6 <u>Hole AGR 91-06</u> (Figure 8)

The westernmost hole drilled at Target VII cut diorite from top to bottom, below 7.92 m of overburden. The diorite is fine to very fine grained and contains up to 20% mafic minerals, probably hornblende, that have been altered to chlorite. Textures are indistinct at the top of the hole but become increasingly distinct with depth as the chlorite alteration decreases.

Copper and gold values are at background levels, with maximums of 266 ppm and 12 ppb respectively.

HOLE: AGR 91-04 Location: 3175 N, 5975 E

Inclination: - 90 Depth: 67.05 m

Sample Number	Au (ppb)	Cu (ppm)
0	0.0000110.5011	
91110	5	50
<del>.</del>		
91111	4	85
~	1.56.2	
91112	1	60
91113	19	87
91114	2	55
91115	1	54
91116	3	53
6111		
91117	1	59
91118	1	75
37778	-	,5
91119	7	61
	(6)	875.0
91120	2	45
GERMANNA.	257	2501271
91121	3	41
01100		- 40
91122	2	46
91123	1	51
	A. #0x	٥,
01104		40
91124	3	48
91125	3	39
		00
91126	3	67
STEEL ON COST C		
91127	1	29
	120	<u></u>
91128	1	34
		55.40
91129	1	37

# LEGEND

PLEISTOCENE and RECENT

Overburden

Vesicular Olivine Basalt

AGE UNCERTAIN

Consolidated gravel or poorly consolidated pebble conglomerate

UPPER TRIASSIC

Nicola Group

Fine grained basaltic andesite

Fine grained dacite flows

oo Lahar

Fine grained diorite

Note:

All sample numbers prefixed AGR Complete results tabulated in Appendix III

SCALE 1:250



RAYROCK YELLOWKNIFE RESOURCES INC.

ZIG PROPERTY

SECTION THROUGH HOLE
AGR 91-04

PLAN No.	DRAWN C.D.	DATE Feb, 1991	
REVISED		N.T.S.	-

MINEQUEST EXPLORATION ASSOCIATES LTD.

FIG.

6

HOLE: AGR 91-05 Location: 3165 N, 5900 E

Inclination: - 90 Depth: 60.95

Sample Number	Au (ppb)	Cu (ppm)
91130	2	64
91131	3	74
91/32	1	78
91133	5	60
91134	3	134
91135	15	77
91136	1	69
91137	5	77
91138	4	88
91139	3	69
91140	4	74
91141	2	76
91142	1	68
91143	2	75
91144	2	97
91145	1	94
91146	5	62
91147	3	56

# LEGEND

PLEISTOCENE and RECENT

Overburden

Vesicular Olivine Basalt

AGE UNCERTAIN

Consolidated gravel or poorly consolidated pebble conglomerate

UPPER TRIASSIC

Nicola Group

Fine grained basaltic andesite

Fine grained dacite flows

oo Lahar

\*\* Fine grained diorite

Note :

All sample numbers prefixed 'AGR'
Complete results tabulated in Appendix III

SCALE 1:250 5 10 m

RAYROCK YELLOWKNIFE RESOURCES INC.
ZIG PROPERTY

ATION TUROUSH I

AGR 91-05

PLAN No. DRAWN DATE FIG. C.D. Feb, 1991 7

MINEQUEST EXPLORATION ASSOCIATES LTD.

HOLE: AGR 91-06

Location: 3230 N, 5793 E Inclination: -90 Depth: 70.10 m

5			
0			
.0,0			
° :			
00			
0.00	Sample Number	Au	Cu
الم يحمد	Number	(ppb)	(bbw)
1-1-1-			
	91148	~	-
*****	31148	7	53
* * * *			
* * * *	91149	12	71
ki xi xiL			
* * * * *	91150	3	52
* * * * *			
· [ · [ · ]	91151	-	60
[ * Č * Č *	31131	5	52
	01150		-
* * * * * * *	91152	4	55
* * * * * * * * * * * * * * * * * * *			
- ( - ( - ( )	91153	3	80
* * * * * * _			
* * * * *			
. [ • [ • ]	91154	8	42
* * * * *			W13762043
~ ^ ~ ^ ~ .			
* (* (* * )	91155	8	80
* * * * *			
* * * * * *	91156	5	115
*****1	3/136		113
* * * *			
[x[x]x]x	91157	4	127
* , * , *   }-			
* * * * *	91158	3	44
*:*:* <b>†</b>			
*	91159	4	49
. · . · . ·			
<b> </b> ::-:::¶	91160	3	57
* . * . * .	9/100	3	37
*****	04464	_	
*	91161	2	55
: · : · : +			
* * * *			4.00
·:·:·:	91162	2	42
1			
× × × ×	91163	5	63
1			8808K
1.1.1.1			
* * * * *	91164	3	85
* · · · · · · · · · · · · · · · · · · ·			
2-2-2-	91165	5	266
* * * *			
* * * * *	£		20
* * * *	91166	3	77
[*:*:*+			
* * * * * *	91167	4	30
* . * . * .			

# LEGEND

# PLEISTOCENE and RECENT

Overburden

Vesicular Olivine Basalt

# AGE UNCERTAIN

Consolidated gravel or poorly consolidated pebble conglomerate

# UPPER TRIASSIC

Nicola Group

Fine grained basaltic andesite

Fine grained dacite flows

oo Lahar

\*\* Fine grained diorite

Note:

All sample numbers prefixed 'AGR' Complete results tabulated in Appendix

SCALE 1:250



RAYROCK YELLOWKNIFE RESOURCES INC.

ZIG PROPERTY

SECTION THROUGH HOLE AGR 91-06

PLAN No.	DRAWN C.D.	DATE Feb, 1991	FIG.
REVISED		N.T.S. 92 H /15 F	8

MINEQUEST EXPLORATION ASSOCIATES LTD.

Target II, a metal factor anomaly defined by the phase domain survey at 68+00 E on Line 6800 N, could not be drilled from the existing drill site. Two attempts were made to reach the target but both holes were abandoned at 27.43 m depth when pea gravel began to bind the drill rods.

The last three holes were drilled on Target IV, a series of IP features defined by the detailed phase domain survey. All three holes intersected the same stratigraphic sequence of overburden, basalt, consolidated gravel, and fine grained tuffs.

## 3.2.7 <u>Hole AGR 91-07</u> (Figure 9)

In the seventh hole 3.96 m of overburden covered fine grained, vesicular, slightly magnetic basalt which continued to a depth of 28.04 m. The basalt rests unconformably on consolidated gravels, which extend from 28.04 to 50.90 m. The gravels overlie, again unconformably, a light purple, very fine grained tuff, which continues to the bottom of the hole at 91.44 m.

The highest copper value of the drill program was returned in this hole, 679 ppm, from the tuff, in an interval where malachite and azurite stained chips were noted. The single elevated gold value, 43 ppb, was returned from the consolidated gravel.

## 3.2.8 <u>Hole AGR 91-08</u> (Figure 10)

Hole 91-08 intersected the same sequence as hole 91-07: overburden to 5.49 m, basalt to 31.70 m depth, consolidated gravel to 48.77 m depth, and fine grained maroon tuff to the bottom of the hole at 70.10 m.

Copper is at background levels, reaching a maximum of 71 ppm in two consecutive intervals. Gold reaches a high of 1290 ppb, from a sample in the consolidated gravel.

HOLE: AGR 91-07 Location: 4393 N, 6586 E Inclination: -90

		Incl Der	ination:-9 th: 91.43	90 3 m				
Sample Number	Au (ppb)	Cu (ppm)						
91168	1.	40						
91169	6	44						
91170	2	45						
91171	2	51						
91172	3	58						
91173	4	54						
91174	3	53						
91175	2	52						
91176	9	63						
91177	5	63						
91178	8	65						
91179	1	61						
91180	43	55		,	LEGEND			
91181	7	63			PLEISTOCENE an	1)		
91182	7	97			AGE UNCERTAIN	<u>N</u>		
91183	1	40			Consolidate consolidate		conglomerate	
91184	5	47			Nicola Gro	oup	andesite	
91185	1	28			Fine graine	ed dacite f	lows	
91186	3	97			Fine grain	ed diorite		
91187	4	22						
91188	4	679					rs prefixed 'AG	
91189	3	260			Complete	results t	tabulated in Ap	ppendix III
91190	2	95				SCAL	E 1:250	
91191	3	106			0	JUAL		m
91192	1	36			RAYROCK		KNIFE RESO	URCES INC
91193	1	84			0500		PROPERTY	JOLE
91194	2	54			SEC		91-07	TOLE
91195	5	112			Execution Bell	C.D.	DATE Feb, 1991	FIG.
					REVISED		N.T.S.	J

N.T.S. 92 H/15 E

MINEQUEST EXPLORATION ASSOCIATES LTD.

REVISED

RESOURCES INC.

9

HOLE: AGR 91-08 Location: 4396 N, 6500 E Inclination: -90

Depth: 70.10 m

Sample Number	Au (ppb)	Cu (ppm)
91196	9	55
91197	2	49
9/198	4	55
91199	1	50
91200	1	50
91201	3	51
91202	1	48
91203	1	71
	5	71
		53
		55
		31
91209		69
91210	51	74
91211	24	71
9/2/2	10	82
91213	20	59
91214	6	27
91215	7	27
	Number  91196  91197  91198  91199  91200  91201  91202  91203  91204  91205  91206  91207  91208  91209  91210  91211  91212  91213  91214	Number       (ppb)         91196       9         91197       2         91198       4         91199       1         91200       1         91201       3         91202       1         91203       1         91204       5         91205       3         91206       4         91207       1290         91208       7         91209       5         91210       51         91211       24         91212       10         91213       20         91214       6

# LEGEND

# PLEISTOCENE and RECENT

Overburden

Vesicular Olivine Basalt

AGE UNCERTAIN

Consolidated gravel or poorly consolidated pebble conglomerate

UPPER TRIASSIC

Nicola Group

Fine grained basaltic andesite

Fine grained dacite flows

oo Lahar

Fine grained diorite

Note:

All sample numbers prefixed 'AGR' Complete results tabulated in Appendix III

SCALE 1:250 10 m

RAYROCK YELLOWKNIFE RESOURCES INC.

ZIG PROPERTY

SECTION THROUGH HOLE AGR 91-08

PLAN No. DRAWN DATE C.D. Feb, 1991 REVISED N. T. S. 92.H/15 E

MINEQUEST EXPLORATION ASSOCIATES LTD.

FIG.

10

# 3.2.9 <u>Hole AGR 91-09</u> (Figure 11)

The last hole cut 5.49 m of overburden, followed by basalt to 26.21 m depth, consolidated gravel to 29.26 m depth, maroon tuff to 48.77 m depth, and fine grained diorite to the end of the hole at 70.10 m.

Copper values ranged from 15 to 56 ppm, and gold reached a high of 120 ppb in the basalt from 12.19 to 15.24 m, and 110 ppb in the tuff between 36.57 and 39.62 m.

### 3.3 Thin Sections

One representative sample was selected from each hole for thin section and petrographic description. The fine grained nature of the rocks made field classification and alteration difficult to determine. The thin section descriptions confirmed the rock types and provided a more detailed description of alteration. Complete petrographic reports are found in Appendix IV.

HOLE: AGR 91-09 Location: 4392 N, 6437E

Inclination: -90 Depth: 70.10 m

0.0			
0::0			
00			
b			
. 0	Sample Number	(ppb)	Cu (ppm)
Till a san	Number	(bbp)	(bbw)
MAN MAN AND AND AND AND AND AND AND AND AND A	91216	8	47
AND THE PARTY OF	31210	0	4/
THE TOTAL	8		
min minut	01217		56
	91217	1	36
THE PERSON NAMED IN			
THE PERSON NAMED IN			
DESCRIPTION OF THE PERSON OF T	91218	120	50
The party of		147	
ALL THE STATE OF	5		
111111111111111111111111111111111111111			
	91219	5	51
A HANNA MAIL	-		
	91220	6	53
	3/220		00
1	en things	2	120
THE PARTY OF THE P	91221	1	53
TO THE REAL PROPERTY.	_		
TOTAL PROPERTY.			
10 10	91222	1	55
0000			
000.	-		
0000	01007	0	
0.00	91223	2	41
2000			
5000			
	91224	3	24
	91225	1	22
	-		
	91226	110	21
	91227	5	33
	-		
	91228	1	28
	91229	2	25
	-		
	91230	1	20
	1301727616		
	91231	1	17
	-		
-	91232	6	15
	1 3,232	U	,,,
	91233	2	34
		1,000	(2007)
	1		
	01071	-	22
	91234	2	33
	1		
	91235	1	15
	3/200	•	70
	-		
	91236	1	15
		7.0	
	1		

# LEGEND

# PLEISTOCENE and RECENT

Overburden

Vesicular Olivine Basalt

# AGE UNCERTAIN

Consolidated gravel or poorly consolidated pebble conglomerate

# UPPER TRIASSIC

Nicola Group

Fine grained basaltic andesite

Fine grained dacite flows

oo Lahar

Fine grained diorite

Note :

All sample numbers prefixed 'AGR'
Complete results tabulated in Appendix III

SCALE 1:250 0 5 10 m

RAYROCK YELLOWKNIFE RESOURCES INC.

ZIG PROPERTY

SECTION THROUGH HOLE AGR 91-09

PLAN No.	DRAWN C.D.	DATE Feb, 1991	FIG.
REVISED		N. T. S. 92 H / 15 E	11

MINEQUEST EXPLORATION ASSOCIATES LTD.

#### DISCUSSION

The Zig Property covers alkaline to calc-alkaline volcanic rocks and intrusive equivalents of the Triassic Nicola Group. The Nicola Group and its equivalents have proven to be prospective for coppergold alkaline porphyry systems, from Copper Mountain near the British Columbia - Washington border, to the Mt. Milligan deposit northwest of Prince George. Features common to these copper-gold porphyry deposits are: magnetic highs associated with diorite intrusives, multi-phase intrusions ranging in composition from diorite to monzonite, breccia bodies, pyrite and magnetite halos, and K-spar alteration.

Portions of the property have been the focus of several exploration programs since 1973. Previous workers have defined Nicola Group volcanic rocks intruded by diorite, diorite breccia, and monzonite, a single IP anomaly, and performed a limited amount of drilling. Government aeromagnetic surveys have outlined several magnetic highs, suggesting that the intrusive rocks may be more widespread than previously recognized. At no time has the entire property been evaluated as a complete package.

Induced Polarization surveys completed during 1990, which covered most of the property, outlined several broad chargeability and resistivity anomalies. Some of these features are in excess of 1000 m wide, and remain open. The seven drill holes that reached bedrock tested restricted portions of three of the anomalies. The drilling confirmed the presence of widespread disseminated pyrite but did not return any copper or gold values of economic significance. Drilling has established the presence of fine-grained dacite flows, dioritic to basaltic andesite, and diorite intrusive.

Although the 1991 drilling did not return any elevated copper or gold values, four areas of copper values at surface (beneath one of which Cominco obtained a significant drill intersection) were not tested during this phase of drilling. The northeast quadrant of the Zig Property remains an attractive target for an alkaline copper-gold porphyry deposit.

#### CONCLUSIONS

- 1. The Zig Property is underlain by volcanic and intrusive rocks of the Triassic Nicola Group. Lithologies encountered during this phase of drilling are dacite flows, fine grained diorite, and fine grained basaltic andesite.
- 2. The drilling has tested four induced polarization anomalies. Nine drill holes were completed, of which seven reached bedrock.
- 3. One geophysical feature is caused by a clay layer, the other three are due to disseminated pyrite found in all rock types.
- 4. Copper values in drill cuttings are at background levels. The maximum value returned was 679 ppm, from an interval of maroon basaltic andesite, where malachite and azurite stained chips were noted.
- 5. Gold values reached a high of 51 ppb from an andesitic basalt that has undergone moderate propylitic-phyllic alteration. A single value of 120 ppb was returned from the vesicular basalt. One sample from the consolidated gravel produced a high of 1290 ppb, probably the result of placer gold.
- 6. Much of the rest of the property including the entire northeast quadrant, including sites of known copper mineralization, remains untested.

#### RECOMMENDATIONS

- 1. The property should be geologically mapped, prospected and sampled at a scale of 1:10,000 or 1:5,000.
- 2. Attention should be paid to areas of anomalous copper in rocks reported from the limited amount of prospecting completed. In particular, the following areas should examined:
  - the area (Figure 4, Site A) near the north boundary of the Zig 3 claim where five chip samples, over approximately 25 metres (from old trenches), returned an average of 0.3% copper. This area was not covered by the induced polarization survey.
  - old trenches (Figure 4, Site B), where one sample returned 2.6% copper.
  - a new road cut between lines 6000 N and 6400 N where three grab samples returned an average of 0.23% copper (Figure 4, Site C).
  - trenches with significant values and Cominco drill hole that returned 0.14% Cu over 105 feet (Figure 4, Site D).
- 3. All old workings drill holes etc. should be accurately located.

The above program would cost approximately \$35,000 and take about three weeks to complete.

### **BIBLIOGRAPHY**

Gourlay, A.W., 1990,
Zig Property - Geophysics, January - July 1990,
Report for Rayrock Yellowknife Resources Inc. by
MineQuest Exploration Associates Ltd. (MineQuest
Report #231)
Submitted for Assessment

Lefebure, D.V., 1976,
Geology of the Nicola Group in the Fairweather
Hills, B.C., Unpubl. M.Sc Thesis, Queen's
University

Lisle, T.E., 1985,
Geochemical Geological and Geochemical Report on the BLOO, CLIMAX, THOR, and THOR 2 to 16 Claims.
Report for Vanco Explorations Limited.,
B.C.M.E.M.P.R. Assessment Report No. 14141

Mehner, D.T.,1979

Assessment Report on Ground Magnetics, Soil
Geochemistry, and Geological Mapping of the
Thalia Property. Report for Cominco Ltd.
B.C.M.E.M.P.R Assessment Report No. 7724

Nelson, W.I. and Walker, J.T., 1973
Combined Geological and Geophysical Report on the Adonis Property. Report for Noranda Exploration Company Limited
B.C.M.E.M.P.R Assessment Report No. 4495

Osatenko, M.J., 1979
Assessment Report: Geological, Rock and Soil
Geochemical, I.P., and Ground Magnetic Work on
the Thalia Property. Report for Cominco Ltd.
B.C.M.E.M.P.R. Assessment Report No. 7165,
Part 2 of 2

Preto, V.A., 1979
Geology of the Nicola Group between Merritt and Princeton
B.C.M.E.M.P.R. Bulletin 69

Scott, A., 1979

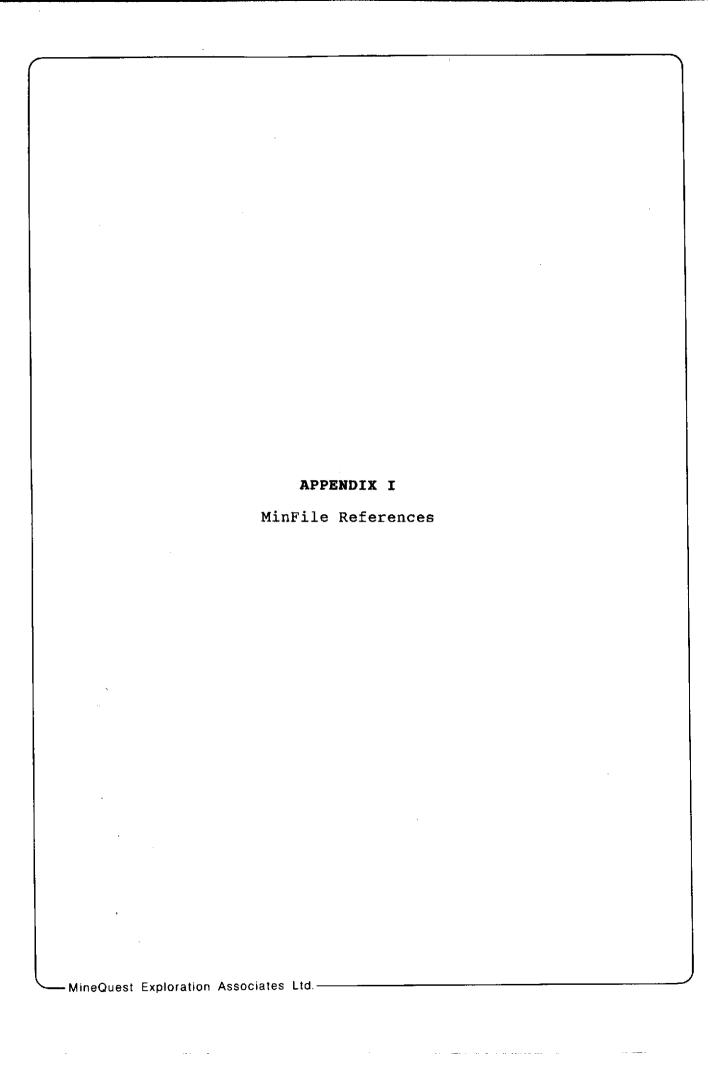
Geophysical Report on an Induced Polarization Survey on the Thalia Property. Report for Cominco Ltd.

B.C.M.E.M.P.R. Assessment Report No. 7165,
Part 1 of 2

Watson, I.M., 1988

Geochemical Report on the BLOO, CLIMAX, THOR, and THOR 2 to 16 Claims. Report for Laramide Resources Ltd.

B.C.M.E.M.P.R. Assessment Report No. 17118



### APPENDIX I

#### Minfile References

The following mineral occurrences are reported on the Zig Property:

Minfile Number: 092HNE091

Name(s):

Daisy

Gail

Aspen Grove Camp

Commodities Present:

Cu

Capsule Geological Comment:

Claims underlain by tuffs, agglomerate, and green andesite of the Nicola Group. Narrow bands of grey-green agglomerate contain chalcocite, native copper, and malachite concentrated in and around the fragments. Some fractures in the other rock types are coated with malachite.

- Bibliography:
- 1. BCDM MMAR 1901-1179, 1913-222, 1915-224, 1917-233, 1919-189, 1920-168, 1928-222, 1929-245
- 2. BCDM GEM 1971-287, 1972-135, 1973-156
- 3. BCDM Ass. Rpt. 175, 4495, 7165, 7724
- 4. BCDM Expl. in B.C. 1978-E151, 1979-155
- 5. GSC Map 888A, 889A
- 6. BCDM Ass. Rpt. 11273

### APPENDIX I - MINFILE REFERENCES (Continued)

Minfile Number: 092HNE130

Name(s):

Boss 132

Commodities Present:

Cu

Capsule Geological Comment:

Claims underlain by tuffs, agglomerates, and andesite of the Nicola Group. Narrow bands of grey-green agglomerate contain chalcocite, native copper and malachite, concentrated in and around fragments.

Bibliography: 1. B

1. BCDM GEM 1972-135, 1973-156

2. BCDM Expl. in B.C. 1978-E151

3. BCDM Ass. Rpt. 4495, 7165, 7724

4. BCDM Expl in B.C. 1979-155

Minfile Number: 092HNE151

Name(s):

Boss 78, 80

Thalia

Commodities Present:

Cu

Capsule Geological Comment:

Showing occurs in the central belt of the Nicola Group in grey to green augite-plagioclase andesite porphyry which has been extensively brecciated.

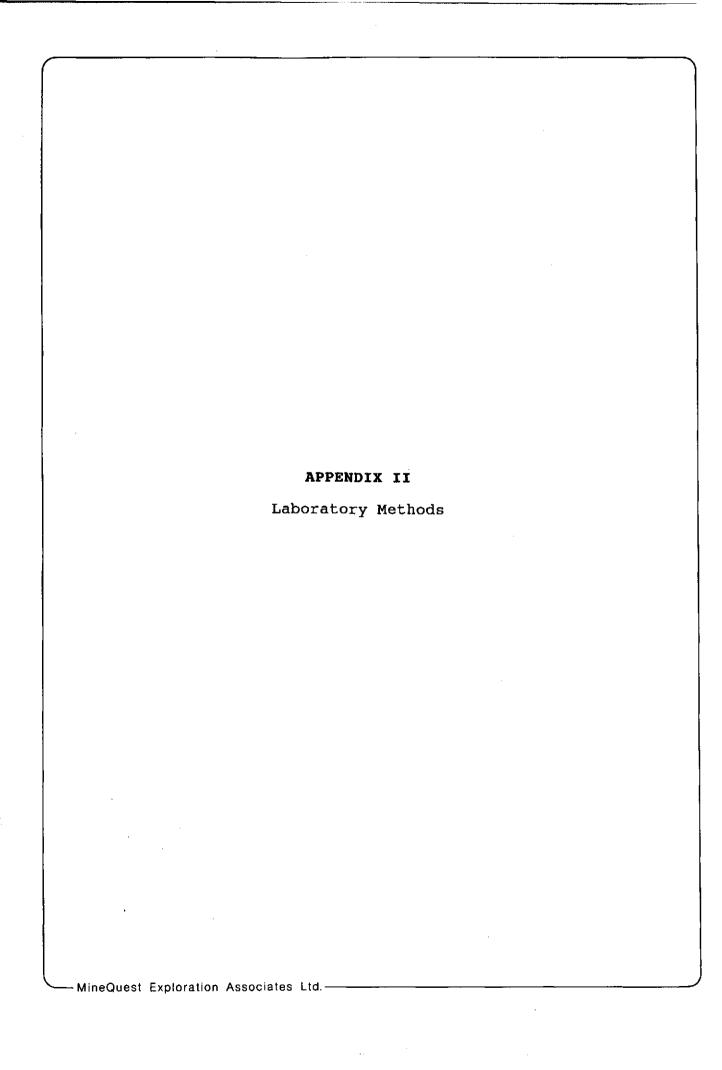
Bibliography: 1. BCDM GEM 1972-135, 1973-156

2. BCDM Expl. in B.C. 1978-E151

3. BCDM Ass. Rpt. 4495, 7165, 7724

4. BCDM Prel. Map #15

5. BCDM Expl. in B.C. 1979-155

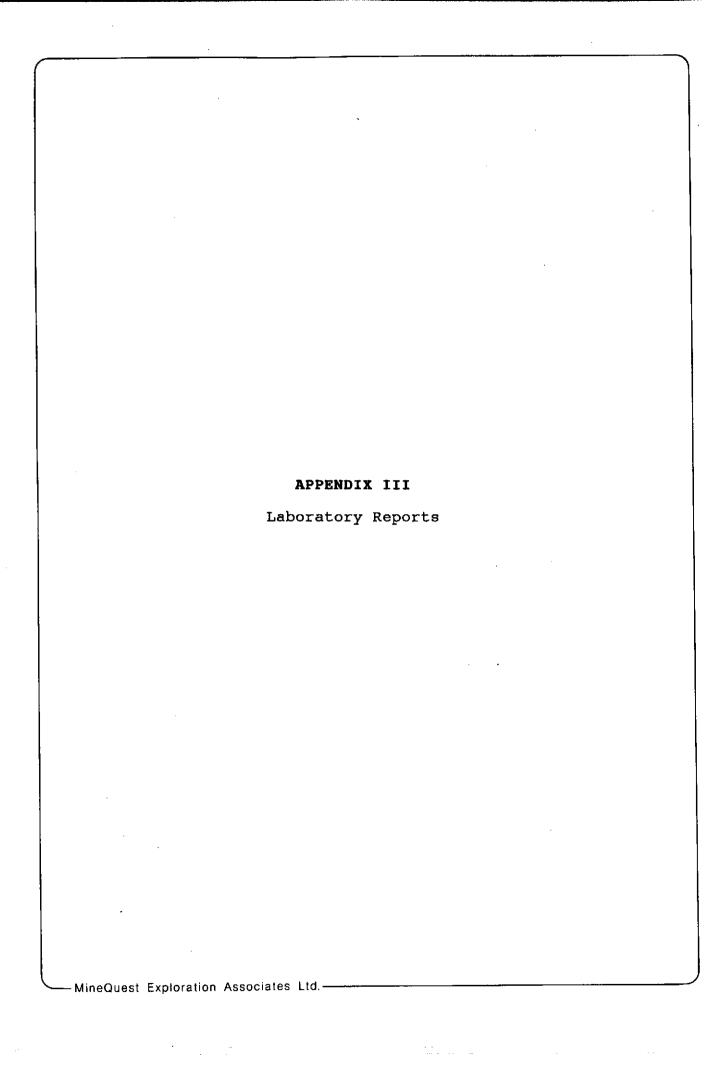


#### APPENDIX II

#### LABORATORY METHODS

The drill cuttings were shipped to Acme Analytical Laboratories Ltd. of Vancouver B.C. The samples were crushed to less than 3/16 inch size, from which a 200 gram split was pulverized to 98% minus 100 mesh. A 0.500 gram sample was digested for one hour at 950 in 3:1:2 HCL:HNO2:H2O. Determinations were made with an inductively coupled plasma technique. It must be noted that for several of the elements reported the extraction is only partial. Gold content was determined by fire assay extraction followed by atomic absorption analysis.

Duplicate samples were shipped to Eco-Tech Laboratories Ltd. in Kamloops, B.C. for preparation and analyses. Samples were dried, crushed to minus 10 mesh and then a 250 gram split was pulverized to minus 140 mesh. For gold determinations fire assay was used to concentrate the sample and the bead concentrate was then digested in hot aqua regia for one hour and analysed by atomic absorption. The other elements were determined using the ICP technique after digestion in an aqua regia solution (3:1:2 HCL:HNO<sub>2.H</sub>2O)



ACME ANALYTICAL LABORATORIES LTD.

### 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE(604)253-3158 FAX(604)253-1716

#### GEOCHEMICAL ANALYSIS CERTIFICATE

Minequest Exploration PROJECT ZIG File # 91-0377 Page 1
500 - 164 Water St., Vancouver BC V68 185

SAMPLE#					Ag					e As						Şb			Ca		La			Be				Na		232.22	SAMPLE
	ppm	po#	bbu	ppm	bout	DÓW	ppm	ppm		% ppm	ppm	ppm	ppm	ppm	ppm	ppm	moc	ррп	X	30 X	bbu	ppm	×	pon	× %	ppm	*	X	_ %	pon pp	-
AGR 91101	2	28	8	52	.1	13	9	526	1.7	1 2	5	ND	2	60	.5	2	2	39	1.56	.060	9	14	.62	421	.08	9	.78	.07	. 19	<b>1</b> :	5 18
AGR 91102	3	35	9		<b>2</b>	14	10		2.2		-	ND	2				2			.075		17		201			1.06			T. 1	30
AGR 91103	3	25	7				7					ND	3				4			049		8		291			.70				16
AGR 91104	Ιī	23	7				Ä					ND	4				2			029		5		403			.59				18
AGR 91105	2	22	6					379				ND	4					19		.034		7		413							2 20
AUR 71103	١ -	26	٥		200	_	•	3,,,	***			ND	•			•	•	• • • • • • • • • • • • • • • • • • • •	. 40		·	•		7,5	***	-				80°8	
AGR 91106	2	25	6	31	. 1	5	4	195	.9	0 2	5	NO	3	72			2	17	.42	.027	7	5	.29	435	.07	4	.64	.13	.41	<b>31</b>	
AGR 91107	1	24	7	28	2	5	3	139	.8	5 2	5	ND	3	59			2	17	.42	.027	6	6	.30	371	.07	5	.61	. 12	.36	N.L	
AGR 91108	2	26	5	34		8	4	231	1.2	3 2	5	ND	2	61	2	2	2	25	.61	.033	6	9	.37	363	.08	3	.70	.12	.34	21 7	2 24
GR 91109	Ž	40	12	43	300	11	8	428	2.0	7 2		ND	2		.6	2	3	54	1.29	.060	7	14	.60	311	.13	5	1.05	.10	, 25	<b>***</b> :	2 25
AGR 91110	2		11	_	. 2		14	1150	3.0	7 13	5	ND	1				2	114	4.91	134	9	4	1.07	71	.14	24	1.84	.04	,07	20 t	5 23
NOC 71110	1		• • •	-,		-					_		·			_	_				-										
AGR 91111	2	85	15	79	.4	5	15	1010	3.3	5 21	5	ND	2		1.1		2	124	3.99	_152	10				.18		2.06			31	29
AGR 91112	2	60	14	91			12	980	3.0	0 22	5	ND	- 1	50		2	2	117	3.37	. 136	9	4	1.09		.17		1.85			2	
AGR 91113	1 3	87	15	84	2	5	15	828	3.6	8 12	5	MD	2	63	1.0	2	2	171	3.96	141	10	4	1.11	65	.19	35	2.18	.07	. 05	1 1	
AGR 91114	2	55	8	85			14	879	2.9	8 11	5	ND	1	50	- 6	2	2	97	3.32	141	9	4	1.21	39	.17	27	2.00	.06	.05		2 25
AGR 91115	1 2	54	8	82			13	901	2.9	3 26	5	ND	- 1	55	1.2	2	2	117	4.00	.130	9	4	1.16	29	119	30	2.02	.06	.04	2	1 25
	i -		_		****					1000					3000										300						
AGR 91116	2	53	8	94	5	3	13	1058	2.8	7 16	5	MO	2	56	1.1		2	104	4.45	:131	9	4	1.19				1.82				5 24
AGR 91117	l ī	59	7	109		3	15	1237	3.3	7 14	5	ND	1		6	Z	2	101	4.94	. 154	9	3	1.64	30	.46	19	1.99	.04	.06	<b></b> 1.	1 30
AGR 91118	1 1	75	12	96	<b>%.3</b>	1	13	1084	3.2	9 16	5	ND	1	70	.8	2	3	103	4.69	. 151	9	3	1.36	37	.18	26	2.17	, 05	.04	<b>**</b>	1 23
AGR 91119	ĺż	61	12	90	3	2	13	882	3.2	1 21	5	ND	1	107		2	2	103	4.52	. 151	9	2	1.11	98	.21	29	2.04	. 05	.04		7 24
AGR 91120	1	45	15	72	1	3	11	867	2.3	5 26	5	ND	1	53	1.0	2	2	114	3.45	,143	9	4	1.19	22	.16	16	1.65	.07	.03	2	2 45
	ļ																			2000					200						
AGR 91121	1 1	41	11	68	.2	2	9	835	2.2	2 22	5	ND	- 1	51	7	2	2	112	3.28	. 133	9	2	1.14	18	ୀ5	13	1.60	.06	.02		34
AGR 91122	1	46	10	68	8.10	1	10	870	2.5	2 24	5	ND	1	53	8	2	2	115	3.87	. 127	9	2	1.06	39	.18	15	1,63	.05	.03		2 30
AGR 91123	1 1	51	5	85		1	12	1060	2.9	7 47	S	MD	1	63	1.0	2	2	109	5.58	. 124	8	3	1.15	50	<b>213</b>	25	1,89	.05	.03	330 M	1 32
AGR 91124	2	48	5	88			13	1098	2.7	0 31	5	ND	2	85	.7	3	2	104	6.27	. 135	9	4	1.09	50	.17	32	2.04	.06	.04	<b>33</b> 1	1 24
AGR 91125	l ž	39	12	74			12	788	2.7	2 22	5	NO	1	113	.7	2	5	98	3.59	. 136	9	2	.96	53	317	31	1,93	.07	.06	2	36
	-									- 9.3					- W. O.			_	-	200										3863	
AGR 91126	۱ 1	67	7	75	213	1	13	896	3.0	8 10	5	ND	1	87	.7	2	3	93	3.17	.130	9	3	1.02	42	.17	25	1.65	.07	.08	<b>*1</b>	35
AGR 91127	li	29	7	80	2					8 15		ND		89		2	2			.129		3	1.17	22	.20	23	1.81	.07	.04	21	1 36
AGR 91128	li	34	ż	81	2.1					2 12		NO			3	2	5			.128		3	1.19		.20		1.79			<b>%</b> 1	1 33
AGR 91129	l i		6		ે. દે					7 17					.7					. 130							1.69			<b>2</b>	
AGR 91130		64			.z					0 30		MO			1.1					139							1.77			2	2 30
nuk 71130	1 -	-		,,,	90.7	-	•••	14//	7.0		•	,,,	•	-		•	-	130				•	• • • •			;		•-•		<b>83</b>	
AGR 91131	2	74	10	100	.2	1	15	1184	4.1	1 55	5	ND	1	72		2	2	139	2.03	. 138	8	3	.86	134	,17	18	1.72	.04	.10	1	3 31
AGR 91132		78			ે. 3					5 70					1.0					145							2.01			1	
AGR 91133	1 1			94	64.4.2			962				ND	1		1.1					. 133		3	.97	50	.19	15	1.63	.04	.07	21	5 17
AGR 91134		134		101	7277.27					4 15					1.1					.131		3	1.33	43	.13	12	1.64	.06	.08	<b>1</b>	3 20
AGR 91135	1		ġ		8.5		14			9 8					. 5					145							1,37			<b>1</b> 1	
nun 711 <i>02</i>	' '	• •	,								•		-			_	~					_			800						3.
AGR 91136	1	69	5	117		1	12	848	3.3	1 14	5	ND	1	83	.8	2	2	118	2.72	. 157	8	2	1.39	110	.18	14	2.14	.08	.07	3 3	1 31
STANDARD C/AU-R		60																												11 47	n .

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HN03-H20 AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR HM FE SR CA P LA CR MG BA TI B W AND LIMITED FOR HA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CUTTING AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

							•	1.414	. <b>.</b>						2110		-1 -		1 11		11 -	- '	,,,,							- 49	<b>–</b> 2	
SAMPLE#	Mo		Pb ppm		Ag ppm		Co ppra	Mn ppm		As ppm			Th ppm	\$r ppm	Cd ppm	Sb ppm	Bi ppm	ppm V	Ce %			Cr ppm			Ti X	pps B	Al %	No X		ppm	AU* S	AMPLE
AGR 91137	1	77	9	115	.3	3	16	885	3.86	23	5	MD	1	84	.4	4	2	112	2.39	172	9	2	1.35	89	.19	24	1.77	.05	.11	226	5	21
AGR 91138	1 1	88	11	106	.4	4	14	983	3.61		5	ND	1	90		3	2	127	3.11	157	9	4	1.36	100	.18	23	2.14	.04	.04	T.	4	30
AGR 91139	1 1	69	11	103	2.2	3	13	966	3.34	14	5	NO	1	100	.4	2	3	117	2.60 .	157	8	3	1.41	104	.19	21	1.78	-04	.05	38 P	3	27
AGR 91140	2	74	10	94	.1	3	14	891	3.53	11	5	MD	1	117	.4	2	2	124	2.98 .	155	8	3	1.24	131	.18	21	2.01	.05	.05	<b>₩%4</b> €	4	28
AGR 91141	3	76	12	100	.2	4	16	901	4.00	16	5	ND	1	100	2	2	2	132	3.29 .	167	8	3	1.11	67	.20	35	2.00	.05	.06	1,	2	33
AGR 91142	2	68	7	99		4	15	979	3.35	21	5	ND	1	92	7	2	2	122	2.99	155	8	5	1.30	57	.21	32	2.07	.05	.04	1	1	31
AGR 91143	2	75	8	96		4	13	989	3.37	14	5	ND	1	117	8	2			3.16		9	4	1.25		. 19	25	1.99	.05	.04	- C	2	29
AGR 91144	2	97	12	95			12	970	2.94	12	5	MD	1	58	.8	2			3.13		8		1.13		. 19		2.03	.04	.04	## G	2	34
AGR 91145	2	94	10	95	<b>%.1</b> 9	5	12	954	2.93	14	5	ND	1	60	1.0	2	2	123	3.46	149	9	4	1.15		. 19		2.23	.04	.03	<b>***1</b>	1	35
AGR 91146	2	62	11	71	.2	5	13	1008	2.82	28	5	ND	1	142	6	2	2	135	4.05	168	10	4	1.29	122	18	29	2.29	.05	.04	1	5	33
AGP 91147	٠,	56	13	75		5	13	866	2 QR	24	5	MD	1	105	. 9	2	,	128	3.59	158	9	3	1.19	87	18	31	2.28	.05	.04	2000 C	3	31
At .148	1 5	53	8	102	2004	4		1157				ND	•	78	.8	ž			3.74		10		1.15		.17		1.78	.04	.07	<b>800 10</b>	7	32
AGR +1149	1 1	71	7	87	3			1053		8	_	ND	;	86	.4	à	2		4.12		12		.83		.09		1.26	.04	.17		12	65
AGR 91150	1 1	52	10	120	<b>*</b>	ś		1496				MD	i	98	- 5	ž	2		4.72		11		1.03		11		1.75	.04	.06	<b>**</b>	_	63
AGR 91151	i	52	8	123	*.5	ź		1511			5	ND	1	93	.8	2	2		4.64		11		1.04		.12		1.84	.04	.05	• 1	-	50
AGR 91152	١,	55	8	116	.5	6	14	1682	3.34	- 6	5	MO	1	107	.8	2	,	110	4.84	174	11	4	1.11	32	. 12	14	1.73	.04	.07		4	40
AGR 91153	1 7	80	6	95	.3			1445		7		ND	i	116	5	Ž	2		5.03		11		.96	54	<b>2.09</b>		1.34	.03	.14	**** <b>1</b>	3	35
AGR 91154	l i	42	11	105	<b></b>			1376			5	MD	ż	91	<b>2</b>	Ž	Ž		4.04		- 11		1.01		.12		1.61	.03	.10		8	65
AGR 91155	li	80	5	56	2.2			910		₩Ŧ	5	MD	- 7	81	<u>.</u>	2	Ž		3.63		13		.46		.04		.74	.03	.19		8	50
AGR 91156	] i	115	7	63	8.4	-		817		6	. =	ND	i	116	.6	ž	2		3.29		13	3			.06			.04	. 18	, i	5	45
AGR 91157	١,	127	6	53	∞.2	3	9	684	2.88	4	5	MD	1	91	.5	2	2	64	3.30	123	12	2	.47	28	.03	7	.71	.04	.24		4	40
AGR 91158	1 1	44	6					1232		<b>50</b> 5	5	ND	2	99	. 6	2	2		3.67		11		1.09		.17		1.64	.04	.11	200 B	3	60
AGR 91159	l i	49	7	110		Š		1273		8	Š	ND	ī	98	3	Ž			3.76		10		1.07		. 15		1.56	.03	.08	23.E	4	40
AGR 91160	l i	57	8	97	.2	Š		1194		7	5	ΝĐ	1	97	.7	Ž	2		3.72 .		9	4		27	.14		1.37	.03	.11		3	34
AGR 91161	1	55	11	90	3.3			1280		5	5	ND	1	121	.6	2	2		4.10		11	5		71	.08		1.19	.03	. 16	1	2	30
AGR 91162	1	42	6	89	.1	3	12	1242	3.11		5	ND	1	76	.5	2	2	100	3.50	106	9	4	1.02	33	. 13	16	1.49	.04	.11	r	2	29
AGR 91163	2	63	8	72		3		972		7	5	NO	1	63	.8	Ž			3.01		9		.78		*,17		1.75	.04	.06	8 C	5	25
AGR 91164	ΙŽ	85	2	77		5		1089		6	5	ND	1	114	.6	Ž	Ž		3.33 .		10		.92		.12		1.40	.04	.13	8 X 18	3	25
AGR 91165	1 1	266	6	80		4		1197		. 8	- 5	MD	1	149	.2	Ž	2	91	3.96	119	11	3	1.02	37	.09	15	1.45	.03	.15	281	5	28
ACT 91166	Ş	77	7	79	∴.5	6		999			_	ND	2		1.1		2		2.81		9	5			., 18		1.78	.05	.07	, t	3	25
AGK 91167	2	30	6	87	.1	6	12	1022	3.34	7	. 5	ND	1	88	.6	Z	2	115	2.87	107	9	4	.91	32	.18	19	1.85	.06	.08	1.	4	30
STANDARD C	19	59	38	134	6.9	70	32	1052	3.93	38	23	7	39	52	18.5	16	22	55	.47	089	39	55	.86	185	.09	34	1.88	.06	. 15	-∛11€	490	-

ACME ANAL! CAL LABORATORIES LTD.

852 E. HASTINGS ST. VAN' TVER B.C. V6A 1R6

PHONE (604) 253-3158-FAX (604' 53-1716

#### GEOCHEMICAL ANALYSIS CERTIFICATE

Minequest Exploration

rploration File # 91-0435 500 - 164 Water St., Vancouver BC V68 185 Page 1

FER 2 8 1991

	<del></del>	_				.: .	_	_	-								· .					. 220					W. 1.25		-111		1	C2000281	
SAMPLE#					Zn	- 500 F				Min Den							Cd					, P				Ba ppm						ું પ્ર pps ppb	
· · · · · · · · · · · · · · · · · · ·	17-	-	ppin	Ha	ppm	H	* P	July 1	P	ppon		HAR	PANII PANII	P	P	Hair	· Phra	рря	1.4.m	Phil		200	hirm	SAM.		1-fram	000 <b>.</b>	hývu	^	2.		)4 PA	
AGR 91168		1	40	2	27			65	13	220	1.8	2	5	NĐ	1	77			2	12	.90	.063	6	9	.95	19	.15	2	1.31	.29	.02	1 1	9
AGR 91169	- 1	1	44	5	53	370	1	73	22	574	3.42	· × 4	5	MD	1	118	.6	2	2	22	1.05	.160	17	24	1.88	74	.23	2	1.79	.55	.09	1 6	23
AGR 91170	i	2	45	4	58				23	607							1.1		2			.257			2.19				2.22	.95	. 16		20
AGR 91171	1	1	51	Z		80			23		3.78					169						.245			2.08		.28			1.08		A-20-70	13
AGR 91172		3	58	5	66	2.2	2	59	24	637	4.15	, ⊘3	5	NĐ	1	196	1.7	4	2	28	1.22	.267	25	15	2.30	21	-1	4	2.69	1.45	.62	_1 3	17
						- 9000 - 9000 7	04 10										- 1900 Marie - 1900 - 1900	_				8.0%					**	_				800 e	!
AGR 91173			54	10					23	604			5			173						.257			2.19					1.27			15
AGR 91174	1	2	53	2						604						205						.234			2.38		.38			1.08			19
AGR 91175	- 1	1	52							675						87						.102			1.09				2.20				23
AGR 91176		1	63	7						774						49						.082			.84				1.99		.19	0000 700	41
AGR 91177	- 1	1	63	4	61	- 800		16	14	764	3.40	10	5	ND	1	44		2	2	82	.78	.088	11	30	.75	144	. 0	4	1.87	.04	.17	<u> 1</u> 5	17
				_			Š.				•	. 88						_	_				44			470	991000				4.		
AGR 91178		-	65	9						812												.110		29		176			1.75	.07			15
AGR 91179		1	61	9					12	730							.9					-103	9	27 30		185			1.58	.05			18
AGR 91180		1	55	6	58				11	592 648		. 6 . 4		ND ND		62	∴.4 ∞.5			81 91		_098 _109				158			1.68			2000170	7 17
AGR 91181		1	63	2					12	702												142		22		137			1.18			1 7 1 7	
AGR 91182	- 1		97	2	20			0	12	702	3.3	, , ,	•	MU		31			-	71	.00	2192	7	22	-11	121	·UY	′	1.10	.03	.20	** '	y
AGR 91183	- 1	1	40	11	67			7	14	E74	T /:	15	5	MD	1	24	.2	2	-	102	52	.144	10	7	1.06	54		4	1.11	.04	ΛE	₩.	10
AGR 91184		i	47	8					14	505							<b>2</b>			75		148			1.14				1.17				17
AGR 91185		i	28	8		900		5		592							<b>4</b>					147			1.21				1.14				17
AGR 91186			97	10			765	í		529						31				70		143			1.13				1.11				20
AGR 91187		•	22	5				-	15	579				ND		31						148			1.33				1.15	.04			15
Aux 71101	1	•		•	•		₹00 800	•	.,	2.,,		100.000	•	N	•	•		-	-	•	***		, •	-				*				*******	
AGR 91188	- 1	1 4	679	10	64			4	15	612	3.4	3 14	5	ND	1	54	3	2	5	81	.56	.145	10	4	1.38	455	206	5	1.19	. 05	.09	1 4	15
AGR 91189			260	Š						1081							.5					109			1.18				.49	.03			14
AGR 91190			95	10						801			:									.118			1.18				.85				18
AGR 91191	- 1	1	106	2				6	13	594	3.3			ND	1	58						.119		4	1.15	354	.02	3	1.10	.05	.15	<b>1111 3</b>	5 21
AGR 91192		1	36	6		- 80				1158												.111			1.15				.40		.25		19
						9.70	94: 94:						Ť					-									3 .666					***	
AGR 91193		1	84	4	63		3	4	12	754	2.9	. 4	5	ND	1	75	3	2	2	50	2.39	.117	9	3	1.04	76	.01	10	.74	.02	. 22	<b># 1</b>	25
AGR 91194	- 1	1	54	5	95	200	ľ	3	16	640	3.4	2	5	NO	1	45			2	62	.55	.119	9	3	1.18	207	.02	2	1.21	.03	.14	<b>∷t</b> 2	20
AGR 91195	- 1	1	112	4	91	- 26	ľ	5	14	775	3.5	7 6	5	ND	1	53	.2	2	5	79	.62	.112	10	3	1.04	51	.02	4	1.04	-04	.08	<b>%1</b> 5	26
AGR 91196		1	55	3	65		2	52	20	681	3.80	) ຶ 3	5	ND	2	138	<b>31.1</b>	2	2	39	1.01	.175	21	22	1,80	113	.28	2	2.53	.67	.22	<b>11 9</b>	23
AGR 91197		2	49	2	62		:	59	22	558	3.70	) 🛇 🍇	5	ND	1	151	1.2	2	2	30	1.05	.235	23	16	2.13	25	.37	2	2.02	1.10	.19	<b>1</b> 2	2 24
	- 1						<b>%</b>					96.00										3.56.466					90.00					366.6	
AGR 91198			55		66				23	632						181	7					.234							2.22			400000000000000000000000000000000000000	28
AGR 91199	1	2	50		64					710						161			2			.242			2.09				1.97			10000 104	1 9
AGR 91200	1		50		65					693						166						.231			2.17				2.11	. 84			9
AGR 91201			51	6			2 :		23			7 🖔 5					1.1					.219			2.02				2.07			100004753	13
AGR 91202	- 1	2	48	3	63		19 7	72	25	608	3.9	7 × 6	5	NĐ	1	179	.9	2	2	20	1.08	.215	22	15	2.54	49	.35	2	1.84	.82	.39	<b>331</b> 1	1 15
	1	_					3						: _				20.00						_					_				<b>**</b>	
AGR 91203			71		67							6		ND		58				92		.116			1.21				1.64			11.1	
STANDARD C/AI	J-R   1	y	57	38	131	7.	<b>6</b> 8 (	/2	32	1059	5.90	) §4%	18	7	39	52	18.5	15	21	55	.48	.090	28	58	.87	183	.09	- 34	1.85	.06	. 15	11 490	, -

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HN03-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND ALV AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: cutting AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

									-4~			- <b>-</b> -				•		_			7 - 7 -								_	ug-	_	
SAMPLE#						Ag										Cd ppm					P X					ti Z		AL %	Ka X		Au* ppb	
AGR 91204	$\prod_{i=1}^{n}$	1	71	5	67	.1	21	17	827	3.8	s %3	8 8 5	ND	1	62	.5	2	2	97	.91	. 109	9	33	1.18	125	.20	6	1.87	.07	.20	5	15
AGR 91205	ļ	1	53						925							. 4		8	81		.086					.17	12	1_91	.05	.18	3	17
AGR 91206	i	i	55						1359							. 9					115					.09			.03	50.5		13
AGR 91207	- 1	i				ាំ			576							. 5		2			120					.05		1.24		.17	· .	
AGR 91208		-	31		65				1041					2			2	ž			125					.03			.03			
NGK 91200		٠	31	•	0)		,	12	1041	3.1		•	HU.	_	ŁO	97979 <b>9</b> 9	-	-	37	.,,	300	۰	٥	. 20	137			.0,	.03	•••		1
AGR 91209	- 1	1	69			.1			1780				ND		27						.141					.02		. <del>9</del> 6	.02			14
AGR 91210	- 1	1	74			.1		16	1533	4.0	4 3 4	5	ND	1	30	.2					.136		11	1.55	121	.04	9	1.82	.04	.10 🐠		13
AGR 91211		1	71	6	98	2.1	6	14	1426	3.5	3 2	5	ND	- 1	36	. 9	2	2	63	.97	127	8	8	1.43	134	.03	8	1.75	.02	.17 💥	24	13
AGR 91212	- 1	1	82	9	75		3	12	1334	2.7	0 🦠 5	5	ND	1	131	.2	2	2	51	8.42	.102	7	7	1.05	109	.02	8	1.26	.01	.16	10	15
AGR 91213	- 1	1	59	7	84			11	1074	3.3	1 3	5	MD		60			5	63	2.76	.122	8	5	1.14	67	.04	3	1.25	.03	.10	<u> 20</u>	20
				_							. 88						_	_				_	_				_			🕮		
AGR 91214		1	27	2					1258							4					.124					.05			.03			23
AGR 91215	- 1	1	27	4		.1			1204							.2					-117					.04			.03			20
AGR 91216	- 1	2	47			.1			686						177						249					.33			1.08		§ 8	26
AGR 91217		3	56						667	4.3			ND			4.7					263					.54			1.14		<u> </u>	
AGR 91218		3	50	6	73	.3	73	30	673	4.5	4 🖗 2	5	ND	2	186	1.6	3	2	36	1.03	.239	23	17	2.84	34	.53	3	2.16	1.19	.23	120	16
	ļ	_		_							_ 🎆			_			_	_									_			💮		
AGR 91219	- 1		51	_	71				734						168						.235								1.02			13
AGR 91220	- 1		53	4							7 💥 3		MD			1.4					. 239					.45			1.09			15
AGR 91221			53			.2				4.5					226						.231					.51			.65		385	13
AGR 91222	- !	2	55	5		<b>10</b>			709						201						.222									.25	**	18
AGR 91223		1	41	14	76	- 1	15	18	963	3.8	3 🌣 5	5	ND	1	63	.4	2	2	63	.70	.138	10	13	.69	146	.11	5	1.24	.12	.21 💮	2	10
AGR 91224	- 1	1	24	4	90		5	14	1085	3 0	0 3	8	ND	1	28	.2	2	,	47	.73	.134	9	4	.01	140	.05	6	1.09	.04	.12	3	13
AGR 91225		÷	22		104				1124							.2					129					05		1.32	.05		1	:=
AGR 91226	- 1	•	21						1025							7					125					.05		1.27			110	
AGR 91227	- 1	i				<b>1</b>			930			2			46						119					.03		1.17		13		15
AGR 91228		•	28			ះា			981		- 200		ND		66						121					.02		1.26		.15		12
MUR YIZZO	ļ	•	20	-	30		•	13	701	2.7		, ,	HD.	•	00		-	-	27	3.00		• • • • • • • • • • • • • • • • • • • •		1.70	171			1.20	.03	• '' - ''	: :	'-'
AGR 91229	- 1	1	25	6	57	- 31	3	11	1058	2.3	9 😘	5	ND	t	90	.2	2	2	51	4.98	.104	9	3	.78	452	.01	6	.96	.02	.17	2	14
AGR 91230	- 1	i	20			.1			977						108						098					.02		.83		.14		18
AGR 91231	- 1		17			ាំ			914						53						117					.03		1.07		.09		19
AGR 91232	- 1		15			1			897							. 2					103					.03		1.07		.13		
AGR 91233			34		43				1210				NO		123						100					.01		.68	.02	.18		25
nun 712JJ		'	<b></b>	•	43	2000	٠,	12.	12.10	٤.٤			~~		16.3		_	•	72				_				~				·	~
AGR 91234		1	33	2	44	.1	1	12	1055	2.5	<b>4</b> ँ उ	8	ND	1	128	.3	Z	4	53	6.83	.101	7	5	1.05	179	.01	6	.46	.02	.20	2 2	25
AGR 91235	- 1	1	15						1048							.3						8	3	. 93	98	.01	2	.61	.02	.16	្រែ 1	22
AGR 91236	- 1	i	15	5		- 10°			886						110						095		4			.02		1.16		.17		25
STANDARD C/A	1-R 1																													.15 1		
VINNENNE G/M					-,56	1.1			.050	٠,,			<u> </u>							• 1	3073			:-								

ECO-TECH LABORATORIES LTD.

MINEQUEST EXPLORATION ASSOCIATES LTD. ETK 91 - 91

10041 EAST TRANS CARROL BUT. KAMLOOPS, B.C. TZC 2J3 PROME - 644-573-5706 PAX - 604-573-4557

STR PLOGE, 164 TATER STREET TAPCOUVER, B.C. VGB 185

PEBRUARY 28, 1991

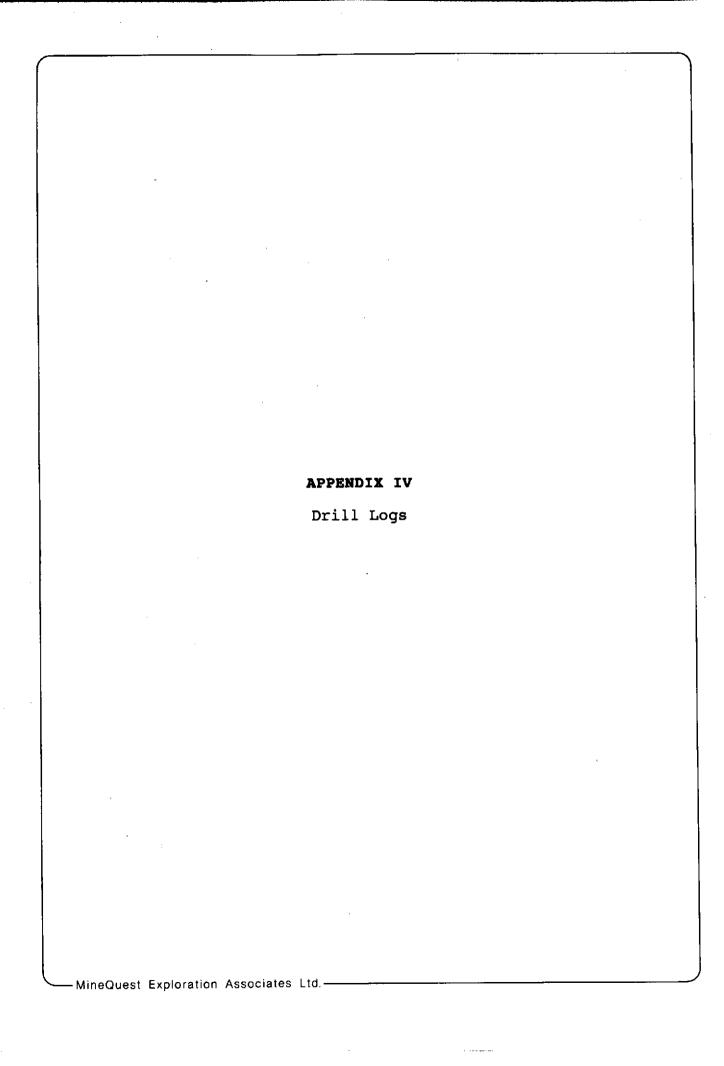
VALUES IN PPH UNLESS CONSERVISE REPORTED

19 BULK SAMPLES RECEIVED PERSONNY 20, 1991

871	DESCRIPTION	Ta(bbp)	16 1L(\$)	15	ì	Bi	DI CA(A	CD	co	CR	EU :	PE(1)	E(1)	LÀ	HG(1)	W	HO 1	H(1)	TĮ.	P	28	<b>53</b>	\$ <b>T</b>	SR 1	r(1)	Ū	1	ı	Ţ	11
91 - 1 91 - 2 91 - 3		\$ 10 \$	.2 .65 .2 1.15 .2 2.63	5 15 15	4 1 30	408 270 46	65 .5 65 1.6 65 4.4	a	6 14 21	21 35 12		.93 2.67 6.63	.45 .21 .41	10 10	.32 .76 1.36	181 513 977	4 3 (1	.09 .06 .03	2 9 2	380 908 1770	18 30 16	(5 (5 (5	(20 (20 (20	61 64 55	.06 .11 .17	(10 (10 (10	22 76 231	(10 (10 (10	1 1	66 57 84
91 - 4 91 - 5 91 - 6	AGE 91 964 AGE 91 965 AGE 91 986	5 5 5	.2 2.69 .2 2.14 .2 2.55	35 30 25	14 22 18	20 35 80	(5 3.4 (5 3.5 (5 3.4	(d)	17 15 21	23 22 22	34 66	3.12 3.11 3.76	.82 .82 .83	18 10		2092 961 1036	d d	.85 .83 .83	2 1 1	1749 1646 2226	10 18 12	(5 1 <del>1</del> (5	(28 (28 (20	52 98 72	.17 .14 .15	(1) (1)	161 148 168	(1) (1)	11 17 14	73 72 124
91 - 7 91 - 8 91 - 9 91 - 10	AGR 91 907 AGR 91 908 AGR 91 909 AGR 91 910	5 5 5	.2 2.12 .4 1.24 .2 .77 .4 1.65	20 5 5 10	24 4 1 10	50 40 25 15	- 65 - 3.5 - 65 - 5.6 - 65 - 3.5 - 65 - 3.6	(1) (1)	26 15 14 15	25 7 7 1	94 129	3.45 3.23 3.21 3.46	.03 .13 .19	10 10	1.26 .96 .52 1.19	968 1617 746 1207	; ;	.03 .03 .03 .03	1 (1 1	2138 1758 1720 1479	10	5 5 10	(28 (28 (28 (28	116 116 14 94	.16 .86 .02 .11	(1) (1) (1)	162 187 86 138	(10 (10 (10	17 16 11 13	101 12 16 16
91 -11 91 -12 91 -13	AGR 51 522 AGR 51 512 AGR 51 513	5 5 5	.2 2.99 .2 1.27 .2 1.46	5 10 24	1	28 35 178	3.1 8 3. 6 3. 6	1 (1	34 18 21	32 14 6	51 36 19	4.48 4.23 4.34	.21 .04 .03	30 10 10	2.59 1.15 1.56	745 567 693	2	1.86 .04 .03	57 1 2	3420 1990 2154	10	10 10 10	(20 (20 (20	181 24 37	.23 .86 .85	(10 (10 (10	47 153 123	1D 1D 1D	12 15 16	61 56 63
91 -14 91 -15 91 -16 91 -17	AGR 91 914 AGR 91 915 AGR 91 916 AGR 91 917	. 5 5	.2 2.63 .2 2.63 .2 1.45 .2 2.51	10 10 5	? (? (?	50 100 50 60	(5 2.4 (5 1.7 (5 2.6 (5 1.6	1) (1) (1)	12 34 14 40	30 14 35	46 52	3.22 4.26 3.33 4.23	.15 .53 .01 .15	20 10	1.20 2.53 1.30 2.80	700 1166 776	1 5 2	.02 .58 .04	53 2	1500 2700 1500 2620	4 6 8 7	(5 5 5	(28 (20 (20 (20	223 50 165	.81 .38 .86	(10 (10 (10 (10	78 47 105 65	(10 (10 (10 (10	11 12 13 1#	62 62 68
91 -18 91 -19	aGR 91 918 aGR 91 919			10 10	(2	55 125	(5 1.8 (5 5.3	D I	15 12	12 15	18	3.47 3.16	,02 ,13		1.37	1016 1555	2	.04 .82	2	1600 1276	ě	5	(28 (28	5 <del>3</del> 282	.04	(10 (10	123 100	(10 (10	10 10	39 18
FOTE: ( :	E LESS THAN	<u> </u>								i	2º <u>.</u>	/-e	, <u>,</u>	<del></del> -																

SC\$1/HTHEQUEST

ECO-TECH LABORATORIES LTD. CLIBTON S. ATERS LABORATORY NABAGER



ı			MINE	QUEST	FYD	ו אַ פּאַ	rto N	499	יחכז	ለ ጥፔን ና	ייד י	ח			HOLE	No.		
PROPERTY:	7	ZI	<u> </u>	ed orror	EAT	DOINE.	11014	PWU	.001	M I Dic	, 111	D.			ACH	91-	<u>01</u>	
CLAIM BLOCK CO			AGR		DRI	IL LO	3 - C	ORE								Freio?	LATIONS	LTD
NTS: 4211/15 6.	_	U	TM:									RTED		Feb 19	91			
CLAIM NAME:	_2	IG	(3)								CO	PLET	ED: 5	cb 199	ł)			
LOCATION - GRI	ן מ	YA)	Œ:			SUR	VEY				PU	RPOSE	<u> </u>					
GRID N: 1535 N			GRID E: 37:575	DEPTH	AZDL	DIP	DEPTH	AZI	XL	DLP				•				
SECTION:			ELEV:					1			CO	RE RE	COVER	Y:		<u> </u>		
AZIM:			LENGTH: 3:5 f f										BY: /i		RLA-1			
		C.	ASING LEFT?: No										GGED:					
CORE SIZE:		_														io Tav	H LAB	,
CORE STORAGE:													ORT N					
	Г			<u></u>			1							<u> </u>				
	GR. GE	LPH O	. DESC	CRIPTION			μ	NIER	/AL(m)	REC'Y	EST.	SAM	ĺ		ASS	AYS		_ [
ETC.	u.	U1.						<b>PROM</b>	70		GRADE	NO.	(ارومين	(し(ガラ)	Asmil			
	Ш	Ш																
		Ш	0-135 Overhulden															
IO.		Ш	- 4to 70% day							}								
		┸	- numbed when white	sinc lutt inc	c mysis	tor Ely	K 1/2											
			- site of towners.		3 ,													
			בוליבי תוסוסת טולם															
20		$\perp$	SIUN TYTHE TOO	11/185.												·		
			اليماني فالمريز عالم المناف الماء	3/1-														
30																		
				-														
	$\Box$																	
Ŷ																		
50		$oxed{\Box}$																
		$\prod$																
(50)	П									1							L	

.

MINEQUEST	EX	PΙ	ORATION ASSOCIATES LTD. DRILL							To. Auf	41.01		GE No	<u>).</u>
TEXTURE, ALTER'N, MINERALIZATION, ETC.	GRJ	LPH Ot.	DESCRIPTION	INTER	(M)LAV	RECY	EST.	SAM				EAYS		
Eit.	100	<b>VI</b>	<u></u>	FROM	10	1		]	Aucorh)	W(NA)	Axm)		-	7
		Т				1				1 1	7,			_
	╅╌╂	+												-
	1 -	+-		<del>                                     </del>					<del>                                     </del>	1			1	-
<del></del>	┥┥	┿		+	+	-	<del> </del>		<del> </del>	1			<del>                                     </del>	-
ic	┥╌╏	╀		<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>				<del> </del>	•
	╀	+-			<del></del>	┼──			<del> </del>	<del></del>			┼──	-
	<b>├</b> }	Ļ.,		<del>                                      </del>	<del>                                     </del>	<del> </del> -	<del> </del>	ļ		<del> </del>		<del></del>	╄	•
		1_	<u> </u>		<u> </u>			<u> </u>	<del>                                     </del>	ļ			<del> </del>	
<u></u>	<u> </u>					1			ļ	ļ			ļ	
					<u> </u>	<u> </u>	1			<u> </u>			<u> </u>	
							<u> </u>						<u> </u>	
								<u> </u>						
40		1	. •	1	T	1	1							
<u>~</u>		T			1									٠
	++	$\top$		1	1	1	1		T	1			1	•
<del></del>	++			<del></del>	1	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>				<del>                                     </del>	•
	-	╁		+	1	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>				<del>                                     </del>	-
100	╀	+		<del></del>	+	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>	-
<u> </u>	<b>├</b>	+		+	<del> </del>	<del>                                     </del>	<del> </del>		<del> </del>	<del> </del>			┼-	-
<u></u>	$\sqcup$	1		4	<del> </del>	<del> </del> -	ļ	<del> </del>	<del> </del>	<del> </del>			<del> </del>	•
					ļ	<del> </del>	<del> </del>	<u> </u>	<del> </del>	ļ			<del></del>	_
<u>110</u>	Ш			<u> </u>	<u> </u>	ļ			<u> </u>	ļ			<del> </del>	-
			<u> </u>		<u> </u>	1	<u> </u>	L	<u> </u>	ļ			↓	_
		$\prod$				<u> </u>			L					_
	П	П												
iżc							2- 4		L					
		1				1	•							_
	<del>     </del>	+		1			1							-
<u> </u>	+-+	+-		1	<del>                                     </del>	1	<del>                                     </del>			T			1	•
;x:		+		+	<del> </del>	<del>                                     </del>			<del> </del>	<b> </b>			<del> </del>	-
i X	<del>   </del>	+		1	<del>  -</del>	<del> </del>	<del> </del>		<del> </del> -	<del> </del>			<del> </del>	-
} <del>-</del>	╁╌┼	+		+	<del>                                      </del>	<del> </del>	<del>                                     </del>		<del> </del>		<del></del>		<del> </del> -	-
	$\vdash$	+		+	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del> -	<del>  </del>		<del> </del>	•
ļ		$\sqcup$		<del></del>		<del> </del>	<del>                                     </del>		<del> </del>				<del> </del>	
140	$\sqcup$	$\perp$	ensetted is the engline restaurance of the control	1	1	<b>↓</b>	-		<del> </del>	<u> </u>			<del> </del>	•
<u> </u>		Ш	earland 25% unikad (16) RT	140	150	ļ	<del> </del>	tuci	_3	25	2		-	
		$\perp$	recomble sus, for call a reasonable and	1		<u> </u>	<u> </u>		<u> </u>	ļ			<del> </del>	
		$\prod$		1	<u> </u>	<u></u>				<u> </u>			<b></b>	
;se					1	1		1	1	1	I 1		1	

.

MINEQUEST EX	PI	ORATION ASSOCIATES LTD. DRILL			Y.				o. <u>AGR</u>	41-01		GE No	. 3
MINEQUEST EXTER'N GRUNERALIZATION, GRUETC.	UPH OL	DESCRIPTION	INTER	VAL(III)	REC'Y	EST. GRADE	SAK.	<b> </b>	,	ASS	AYS		,
120			FROM	70		ļ		ALL(Aph)	CLOPE)	45(PDP)			
	1	Gray MOZT 400 140-150: subject white F5 phency symm 5128	ļ	<u> </u>	<b>!</b>	<u> </u>	ļ	<u> </u>		L			<u> </u>
	1	-vucok chloritestation of (46) BT	150	160		<b></b>	71102	4	35	6			L
		- 1-2-10 pinkish from to 7 K-spot off? - som clay hells, are sluthing into help  10 100 Rult? h - 1000'	<u> </u>				<u></u>	<b> </b>	<u> </u>	ļ			<u> </u>
160		- sem clay bells, and slutting into hole					<u></u>	<b> </b>	<u> </u>				<u> </u>
		0 142 Bull ? h - 106'		·								·	
		- 750% clay tells v similar to MUZT	160	170	<u> </u>		41163	2	25	2			
		· chip ses ito-150 to the analtered:		<u> </u>			<u></u>						
130	Г	MUZT. 505 140-150			<u> </u>		<u></u>						<u> </u>
	$\mathbf{I}$	-articles alex alexander of a service controls.											
	$\mathbf{L}$	-15-10 (45) RI. SHO each V. wook choll.		180			4114	2	23	2			
	I	- Foundtered, up visible sus.	ĪΘ	100			91901	5	26	5			
180	1	Lab lead in.				<u> </u>				4.4			
	Ŧ	5.5% gray appoints we chips, first natically ev(?) content vier py asser bechips								1 1 2 2			<u> </u>
	Т	v. rza pramie behin	1BO	190	Γ		91105	2	22	2			
		N N											
Ho	十	KIX 180-150 VED to to fo MATET DED											•
	1	fos 180-150, vfg to fg MDZT, greg -troom PY, vitig jantedol ((P?)											
	+	11 13 11 11 11 11 11 11 11 11 11 11 11 1	190	200			91106	1	25	2			
	十												
200	T	505 140 - 150, MUZT											
	十	- < 10/0 dam PY 1 trcl, locally sus tomstro Huish											Π
	+-	- abbdel technical of abodel to anedol Fs reletal to	200	210			41107	1	24	2			
	+-	who colBI (coldins be fine toll? Willedy in Nicola).			-		1112						
210	╁╴	505 196-150 MART				•							
201	╁	S He ho make X 16/2 dom PY 1 to CP vifig.											
	+	1 - 1 1 COM 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	210	220			41168	2	210	2			
<del></del>	╈		-~-				area.	-		-			
220	╁	-505 17U-150 MUZT	_									<del></del>	
	+	- < 1% chm fy + tr.fy, v.f.g.			l —								П
<del></del>	╁	225 Fort 4	2:2	275			41109	2	40	2			
<del></del>	+	PAR SAMPLE 15% anckats	مرد 220				4192		44	5			T
	+-	Held shifted and transferred	440	<u> </u>	<del> </del>		( <u>#~</u>	- <del></del>		<del>  ~  </del>			
230	+-	MAN SOLIT OF THE STATE								1			
	+								-				_
	+		-							<del>                                     </del>		:	-
	+							<del></del>		<del>                                     </del>			$\vdash$
240	L	<u> </u>	Ļ		L	ئـــــــــــــــــــــــــــــــــــــ			نــــــا	<del>`                                    </del>	<del> !</del>		<u> </u>

į

	_		· · · · · · · · · · · · · · · · · · ·															
			3.773.77			'	<b></b>					-			HOLE	No.		
PROPERTY:		٠.	Mine Zig	EQUEST	EXP	LUKA.	HON	Aک	OCI	ATES	i Li	D.			AG	2 41	-04	
	_																	
CLAIM BLOCK CO	DE		AGR		DRI	IL LO	G - (	CORE	:						584A	THUR	ATIONS	LTD
NTS: 92H15R			TM:										<b>8</b> FB					
CLAIM NAME: 2	UL	<u> 2</u>				٠							ED: 4					
LOCATION - GRI	D_	<u>NAI</u>		r			EVEY				PU	RPOSI	i Test	Ecol sk	de of 7	TARGE	VII.	
GRID N: 3175N			GRID E: 5475E	DEPTH	AZD4.	DIP	DEPT	[ AZ	DL	DLP	l —		•				<del></del>	
SECTION:			ELEV:	<b>-</b>			<u> </u>	`				_	COVER					
AZIM:			LENGTH: 220'	<u> </u>			<u> </u>	—					BY:					
DIP: -40°		<u> </u>	ASING LEFT?:				<u> </u>		ightharpoonup				GGED:					
CORE SIZE:				<u> </u>			<u> </u>	1	$-\bot$		AS	SAYED	BY: 4	CME L	4 <u>6 . F</u>	<u> </u>	ech lap	<u>s</u> .
CORE STORAGE:	<del>,</del>								L		<u>IV</u>	REP	ORT N	OS.: 9	1-0317	, EIK	<u>91-91</u>	
TEXTURE, ALTER'N, MINERALIZATION, ETC.	GR	APH OL	. DES	CRIPTION				INTER	VAL(m)	REC'Y	EST. GRADE	SAM			ASS	<b>ZYA</b>		
a.m. o_	<u> </u>	~						FROM	10	]	GRADE		Auroph)	شرره	Axaa)			
		$\mathbf{L}$				٠							"	11	- 1			
			O'-18' OUBERURDEN .	•.														
			-drill and fill							Ĺ			Ī					
Ю					•			•		1								
		$\perp$																
			•,					!										
	Ш	$\perp$																
20	Ш	$\perp$	Majour Be(ur Lahu!) V.	f a to conc	nitic'						·						<u> </u>	
	Ш		55% felsication, which							<u> </u>				<u> </u>		<u> </u>		
•	Ш	上	< 1% dam SUD which an	رد ا				20	30			91110	. 5	50	13			
	Ц	$\perp$	7	J								<u> </u>						
30	Ц	$\perp$	Marcan By C.) Efrom ETC o	مر إنسدا إي	त								<b></b>			<u> </u>	<u> </u>	
	Ш	╀	505 20 BC	·					<u> </u>	ļ			<b></b> _	<u> </u>			Ļ	
<u>.</u>	Ш	$\perp$	51% dam (C(?)				_	<u>ئ</u>	40	ļ		41111	4	ध्ड	21		<b>└</b>	
	Ш	╀	-5% school tax Fe ste	sed for ve	1(ts_0∧d	thin blo	cuid					<u> </u>	<u> </u>				—	
40	Ы	1	amos. Alt Py cridized						<u> </u>				<b></b>				ļ	
	Ц	7	Blussia Bx (2) 300 20 - 30	15% 4te	A fate	vine and	۳.		ļ								<b>↓</b>	
	Ц	上	-1:2% down sus, cc(7)	"Hedgen e	anhalal	<u> ۱/2 نے ہو</u>	عاود	40	عزا	<u> </u>		समार	1	60	22		<u> </u>	
· · · · · · · · · · · · · · · · · · ·	Ц	4.	byteled Pycher Su.Smm	· ratio	t Cu?	1 2 V.V.	4			1					<u> </u>	<u> </u>	<b>↓</b>	
50	Ц	$\perp$	405 20 30 MARRA BY (	?) <u>%%</u>	Boun of	100 1%	منيود∧					L	<u> </u>	<u> </u>	<u> </u>	L	—	
·	Ш	$\bot$	MADINE CANZILICAID			*				<b>_</b>	<u> </u>	<u> </u>	<u> </u>	<b> </b>			—	
	Ц	$\perp$	· \$276 dampy cc?					50	40			<u> 9013</u>	19	<b>6</b> 3	12	<b></b>	<b></b>	<b> </b>
	Ц	$\bot$						50	لدن	<u> </u>		91903	5	70	15	ļ	<del></del>	<b> </b>
€ي	ΙI	J	v. lage simple:						ľ	1	i	1	ł	į .	1	1		1

MINEQUEST	EXF		DRATION ASSOCIATES LTD. DRILL	LOG	_ (	ORE		H	OLE N	o. AGR	91-04	PAGE	No. 2
XTURE ALTERN, ENERALIZATION, ETC.	GRAI	PH.	DESCRIPTION	INTER	/AL(m)	REC'Y	EST. GRADE	SAK			ASS	ays	
ETC.	GEO	L		FROM	70	<u></u>	GRADE	- AGA	Au(pob)	Ciam)	Ascom)		
			Morrow Ax 505 20-30, 100/04 chips PBX: <5% m.g. MUZT							''			
		1	1000 17 1-7 6/ 434	4C	रे			91114	3	55	ii		
			* Pic dam sus PY (and all t CC? Lam by acting true V. P. of the PY acting true V. P. of the Post of the Property of the Py Country of the Py Country of the Py Country of the Py Py Countr						<u> </u>				
70			THEY VITIG TELL(!) \$19/2 Marcan ethips breat the movine			<u> </u>			<u> </u>				
			27/2 chan is PTTCC. HX is Mouthing, v. ron Weights			[				<u> </u>			
			J	九	₽c_	<u> </u>		91115	1	54	24		<u> </u>
				<u></u>						<u> </u>			
න		L	10th Motion chip, 35% greeching 55% greets green whome			<u> </u>				<u> </u>	1		
			20th Motion chips, 35th greathing, 55th grey to year intrinse thus, 42th day 45, PY 52C, intrinse thight fragments?) a to 5th Virg day 505. PY 200?							<u> </u>			_
		-	1 2 5 10 V. F4 dam Sus. 17 200?	20	40	<b></b>		41116	3	53	160		
		-								<u> </u>			
90			505 FL-90 intume = F.4 tumiq MNET uncited to						<u></u>				
	$\perp \sqcup$		43 FC-90 intusing = F.g. turning MNZT, excitered to chloritization a netters	<u> </u>		<u> </u>				<u> </u>			
			shill \$2% data sus, PYTTCC, while to works.	40	100			41117	1	59	14		
			<b>y</b> -							L			
Ja <sub>O</sub>			by Moroun till 20% area-green till, 20,50.90								L		
	Ш		1076 Maroun till, 2016 arey-year till, xxxxxxx 1-2-16 dam vvlq 405; PY TY CC(?). Schinde content is			<u> </u>	L		<u> </u>	<u> </u>			
		1	tomackally considert softer.	100	10	ļ <u>.</u>		1118	1	75	iu		
				<u> </u>	·								
/ <sub>1</sub> C		ź	2% Morom chap, 20% gry green chips (tell?) 500 th 90 £2% chan vivia 505 PY 77cc, chipsore bow magnetic. The steel grey/blue 55. 11 to El on Fix.			<u> </u>							
			52% day juty sus PY77ce chipsone wow magnetic.			Į <u> </u>							
		Į	CC = stackgrouthlive as I to EP on fix.	110	120			41114.	7	(u)	21		
		1	•		<u> </u>				<u> </u>	<u> </u>			
120	$\prod$		COTE MOSAM CHIPS NOS EU-90 T-8" (or v. 14. DRT?")				** :						
		$\Box$	2-746 days out for 7 cc. still as had alsted that set non-						<u> </u>	<u> </u>			
			nounts, delling herder, ky symple.  Thickly to smidel 02 < 0.5 mm/e. If EP on Its.	izo	<u>130</u>			91120	2	45	24		
		•	whidel to shidel OZ KOSMMU. It From the	120	نلاز	<u> </u>		41901	5	<u> </u>	35		
130			scremeron sore polygran chip, u.f. hu! subhidolgay							<del> </del>	<del> </del>		
	Ш		2 LE SMMU			<b></b>			<u> </u>	<u> </u>			
			\$3% down vily to VV by Sus, 1777(CC?) name of toposhed	ن3	146	<del>  </del>		91121	3	+!	22		$-\!\!+\!\!$
		Ŀ	med. elleritization of metro (46?).			<u> </u>	<u>                                     </u>				<b> </b>		$\longrightarrow$
j4:		-	15% polegren 125% maroun chaps, v. fg. to ff school			<u> </u>			<b> </b>		<b> </b>		<del></del>
			to called all Fs phones See Stephaned now visible and Hollands			<u> </u>			ļ				
		,	vectord real	140	150	ļ	<b></b>	41122	2	40	24		
·		_  -	SITE VIGE WIGGS ITTICC! VENEWEGER			<u> </u>			<u> </u>	<u> </u>			
150		-	r & Chip			<u> </u>			<u></u>				

The state of the s

	MINEQUEST	EX	PI	ORATION ASSOCIATES LTD. DRILL						OLE 1	to. AGE	41-04	PA	GE No	<u>. 3</u>
	TEXTURE, ALTERN, MINERALIZATION, ETC.	GR	APH	DESCRIPTION	INTER	/AL(m)	REC'Y	EST. GRADE	SAM		·,		AYS		
•	J50				FROM	70				Augos)	ui (spon)	Avpm)			$\perp$
				175% green vita till: 2-19% Epidet days SI & what chips							11 -	'		<b></b>	$\perp$
				Some rela = 2 sen - socie fillia.	150	140	L		71123	1	51	47			1
				Sylv dam sus as better, Plusue EP+Co stringers										L	┺
	iloo			705 150-160	L										┺
		Ш	Ш								ļ			<u> </u>	↓_
					160	170			91124	1	48	31		ļ <u> </u>	╀
					<u> </u>					<u> </u>	<u> </u>			<u> </u>	Ţ.
	[70			Boycarson v. 14 mill oher, 15the moromothers oil elsesses											丄
				100-100											L
•					170				41125		39	22			$\perp$
			П		170	ibo			41905	5	34	30			L
•	160			soft Majorathy 45th greathy 55th 58 chip; E?							<u> </u>				L
				intent increasing originally with death										<u> </u>	L
			П	Sus as before border dully the run	180	190			91126	3	67	10		<u> </u>	L
•				J							<u> </u>				L
	i90		П	505 180-190, nour nonceother bleoching (silic Moothin?) as											
		П	П	iss 180-190, nour subceptle bleoching (silic Koobin?) as seluge to Ert wiz units up to 4 mm wide, v. hard drilling	,										L
		П	П	Sisas beter vicere Mossez El volts	190	200			11127	1	29	15			
			П	-sall vila teff											_
	200	П	П	305 180-190 < 19/2 1/20 AM SMICH CHIPS, 3811 V. 194 124 +											
		1	П	living ses as better lesse person is terrished fy not there is	·										L
•		П	П	soll to stal blue sus - 3 cc ?	200	210			<i>पावि</i>	i	34	i2.			
•			П												L
	210		П	25 180-190 5176 621C+ copp. So whether				*							
		П	П												
		П	П		<u> </u>	220			91129		34	17.			L
		П	П												
	220		П												
		П	П	Ect 22C							<u> </u>				
		П	$\sqcap$		720	230									Γ
	-	П	$\sqcap$												Γ
	330	П	$\sqcap$												Ι
		П	Π												L
	<del>-</del>	П	$\sqcap$		:3ა	⊃ <del>+</del> 0									
		$\sqcap$	H												Γ
	240	1	$\vdash$												Г

PROPERTY:			MINE	QUEST	EXP	LORA'	rion	ASS	OCI	ATES	LT	D.			HOLE	No.	-65	
CLAIM BLOCK CO	DE		AGE.		DRI	IL LO	G - 0	ORE	<b>;</b>							xpuck:	ATIONS	LTD
NTS: 92HILE	_		<u>TV:</u>										9 1					
CLAIM NAME: Z						A	1000						ED. 4 F					
LOCATION - GRI		(AV		<u> </u>		,	RVEY		1		PU	RPOSI	E Tes	[ JA (17)0	LE OF	TARO	et v	Τ.
GRID N: 3165N			GRID E: 5700=	DEPTH	AZIM	DIP	DEPTH	AZ	DVL	DIP								· <del></del>
SECTION:			ELEV:			<b></b>	ļ	1—	$\bot$	-			COVER					<del></del>
AZIM:			LENGTH: 200'			ļ	L	<del> </del>					BY: A					
DIP: - 40°		C.	ASING LEFT?:	ļ			<del></del>	1					GGED:				<del>-</del> -	
CORE SIZE:						<b> </b>	<del>                                     </del>	1									TECH LA	r <del>N</del> >
CORE STORAGE:		_	, · · · · · · · · · · · · · · · · · ·		<u> </u>	<u> </u>	<u>l                                    </u>				LA	REP	ORT N	iOS.: ५	<u>(*C347.</u>	ETK	91-91	
	GRA GE	LPH Of	. DESC	CRIPTION				INTER	ATT(22)	REC'Y	est. Grade	SAW				SAYS		
ETC.								FROM	10		_,;		Augret)	icom)	42000)			
		T											1	11 -3	17			
		I																ļ
	$\Box$	Ι	c'-13' everbuldes															<u> </u>
10	$\Box$	I														<u> </u>	<u> </u>	<u> </u>
		I	13-20 sensie not collected	~ 52 % N	macd co	O FREE M	17:15											<u> </u>
		Ι	12	, ,		1											1	
		Τ																
24		Γ	Motion to K. <22% subject	e white -	Negres	Brew	بردرة				·							<u> </u>
		T	mail oil onin unidad		· · · · · ·			24:	٦٥			91130	2	<i>ω</i> +	30			<u> </u>
		Ι															1	
	$\Box$	T																
\ \	П	T	Proceed by sex 24 to bodie	haka an	نارنا - ۲۵	echip .	SHCAC											
	П	T	ALL FOR ACC: FIRMOUS SI	imme conve	أسويا اشان	ivas d	short &	<u>نڌ</u>	40			90131	3	724	55			
	П	T	marrialin Str	tall were SL	1 1777	امهنه) ع	(دخى، ۲۰											
	F	T	Atto dicher bridged															
42	$\sqcap$	T	Ses in ye, hadin hake	الاستراء	Gir en	<u></u>												
	$\sqcap$	T	- Kithen congistur ED inito	563 45	ischere	(		4c	30			40 32	1	76	70			
	П	T			<del></del>					I								1
	$\sqcap$	T																
Sc	$\sqcap$	T	Marian ha er leike i sukau	rded mezi	· Krank	ن ۱۳۸۸ ت	61						}					
7-	$\sqcap$	T	FACENVILLE MORES (3-52	-Not MINE	T Kaling	induined.	رابراج	·50	40			11133	5	ic	20			
	$\top$		Lalvade 13 mars (276).					-	Γ		L							
T	1		else som e.f. Ses m met						T									
4%	1-1		at Hen		3		~			1			I					

MINEQUEST	EX	PL	ORATION ASSOCIATES LTD. DRILL	LOG	- (	ORE	_	H	OLE N	0. /KL	41-65	PA	GE No.	2
EXTURE, ALTER'N, MINERALIZATION, ETC.	GR/	LPH OL	DESCRIPTION	INTER	AYT(==)	REC'Y	EST. GRADE	SAM.			ASS.	AYS		
erc. (ල				FROM	TO				ticsof)	دردسه)	A3470)			
		T	yes, so to a mixed como. There means by Crotical destruction					1	11	11 7	"			
		П	here with the or at make, which where	wi.	70		_	11134	3	134	15			
	П													
₹0		П	1 Fic 7 of off med engres to recover me to a lease of month		1			· · · · · ·						
<del>`</del>	1 1	П	MOITH HOUSE THE STOLLT FROM MY & FROM TY + HOC.						T					
			y the ten stand only	1L	ون			31135	15	11	ب			
		+-1	A SOL TON MORE COMES	\ <u></u>	1.0	<del>                                     </del>		1,5.7.	-					_
కల	+	+	2 th man and a 2 th land come again the fact to and a let		i			<b>-</b>						
<u></u>	⇈	Н	to the maintains such lyntgreen many and user, it conducted ming, sup 6 3% than 1 sign 1/37 cells in very 51% MET					<del></del>	<u> </u>		1			
· · · · · · · · · · · · · · · · · · ·		H	Chia.	نعظ	70			יווו צב	<u> </u>	69	14.			
	$\vdash$	Н	(GIP)	3				11906		U.	25			
10	╁┼	+	the source accell see fy! all use there met anex total	<i>Z</i>	40			11466	-	UU.				_
<u> </u>	┨	+	4.5 AS 45 36 SH SES FY. SH CHA BEATH, HEND BEATH		<del></del>				-					
	┥┤	+	ternined many has termail to partially identific confilled		<del></del>	<del> </del>		11137	-	77	-			_
	$\vdash$	44	whits Kithed this iron string	Yc_	(CC)	<del> </del>		Allol	9 _	17	23			_
	$\sqcup$	+			ļ	<del> </del>		<del> </del>	-		<del></del>			_
<u>ky</u> i	┦	╀	Sello motion ships, sellocopy, there motion ships to personally according to the type		<del> </del>	<b> </b> -		<u> </u>		ļ				
	1	┦	gray MN/27 Chadhad Brat Charle, sub as hother, dam this has type	<u> </u>	<u> </u>	<u> </u>								
·		$\perp$	coming screece units	اكت	jlC	L	<u> </u>	91130	4	885				
					Ĭ									
iv	Ш	$\perp$	potographing but motion strong contesting Subject better			<u> </u>							ļ	
					<u> </u>	<u> </u>				<u> </u>				
	$\prod$			116	ازد			in yi	3	wi	14			
	П	П												
l¥c		T	ses no 120 sollaines toward steel blue ses CC? 141%				•							
	П		core is and a very it on his.								I – T			
	П	17		124	34			4111C	4	74	11			
	$\sqcap$	1		<u> </u>		T								
نا()	††		TO HE -120, STO WASTERNED CHIPS, CHECK CHICKEDPY		1									
	1 1		ses as between ion a chias											
	⇈	T	The state of the s	132	140	1		rai#1	2	36	Ito			
	╅┪	+		130	140	1		71907	=	71	20			
140	H	+	40 h commission 10° 2 movements vity bit soobbox	1115	1,:0	1		1,01	1		-			
n <u>u</u>	┼┤	+-	sus as before for Ep. whin.	$\vdash$	<del></del>	<del> </del>		_	<del>                                     </del>		<del>                                     </del>			
	↤	+	SUS OS BETEFE, GIR EI'L MIN'N.	14C	156	<del> </del>		71142	<del>  _,</del>	ue	21_		r	
	┿	+-		176	135	<del> </del>		71174		<u> </u>	<del>                                     </del>			$\vdash$
	╂╌╂	+-		-	<del> </del>	<del> </del>	<del> </del>	├	<del> </del>	<del>                                     </del>	<del>                                     </del>		<del></del>	—
157	1	<u>بــــــــــــــــــــــــــــــــــــ</u>		<u> </u>	<u> </u>	1			L		<u> </u>			ـــا

•

MINEQUEST EXPLORATION ASSOCIATES LTD. DRILL LOG - CORE HOLE No. AGR 91-65 PAGE No. 3 TEXTURE, ALTER'N, GRAPH ETC. GEOL INTERVAL(111) REC'Y EST. SAM. ASSAYS DESCRIPTION FROM TO Augoli (com) (Ascor) 145 140 15L 150 160 F((<del>(43</del> 75 14. 1 60% Mailly soun, 20 be me sum, and some mine location Serves hore his asing site our service of the [ Cridizal PY 100 170 41144 47 1 for interior susception in comment them pt 17c l 170 180 91145 214 94 The the the the sures better the amount of fron 14 150 190 AIHLE 28 MO 1 505 160-176 56560 before 190 | 200 MH7 3 2001 1 12cc 5ch 214 230 240

The state of the s

PROPERTY:		<b>∄</b> 10	MINE	QUEST	EXP	LORAT	rion	ASS	SOCI	ATES	LT	D.			HOLE	No. R 71	- <i>L</i> w	
CLAIM BLOCK CO		_	AGR		DRI	ILL LOC	G - (	ORE	:		DR	ILLING	CO.: /	LETHS	'W_ iN	كدفها	cas LT	Ų.
NTS: 92 HISE		U	TM:				•				STA	ARTED	; ic ?	ા મુ	1			
NTS: 92 HISE CLAIM NAME: 2	U.	. 2									CO	MPLET	ED: io	FEIDIG	11			
LOCATION - GRI	D I	NA	Œ:			SUR	EVEY				PU	RPOSI	E TEST	<i>i</i> ₩- 3	ide -	TARG	टा जा	
GRID N: 3230N			GRID E: 5793 €	DEPTH	AZIM	DIP	DEPTH	AZ	DL.	DIP					-3			
SECTION:			ELEV:				<u> </u>	1			CO	RE RE	COVER	Y:				
AZD4:			LENGTH: 230'										BY: /		) RLA	1		
DIP: -40		C	ASING LEFT?: No				-	$\top$					GGED:					
CORE SIZE:	_							$\top$									(O-TF	H LAW
CORE STORAGE:								1									K.41-41	
TEXTURE ALTER'N.	П						,			1						,	17. //	
MINERALIZATION,	GR.	APH OL	DESC	CRIPTION			ĺ	INTER	VAL(m)	RECY	est. Grade	SAV			ASS	SAYS		
ETC.	GE	UL	. 220	)1M1 11011				FROX	TO	1	GRADE	vo.	Autoch)	(دده دن	Axear			
	П	Т											1	1	11.			
	П	1								1								
	П	Т	0-26' OVERBURDEN															
IC	П	Т								1								
	П	Т																
	П	T	•															
	П	1								İ								
کد	П	Т		7,7,7,1,11						i								
	П	7				-												
	П	T																
,	П	T							1									
₹.	П	Т	846 v.( = 1876?) €207	12 Medico e	HWILL	indish no	t											
	П	Т	grandman Co. FAMU.	51% dung	וא אינו	v Py tori	nled	30	40			91148	3	53	5			
	П		TY. whim dk red outour													$\overline{}$		
	F	Т				~								i				
40	П	┰	cattoDET(?) calls 40% v	14 MAZT	のかりまし	11 12/13/7	200						i —	i				
	П	Т	later DET has Haladeste	AM Lock	Macho	H. MUZ	: الحدث T	<del>1</del> U	50			11144	12.	71	8,			
· ·	П	Τ.	2-370 dam v f.4 PY + steel 8	LC 545 J		<del>- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1</del>												
	П	$\top$				v	logsyl.			1								
54	П	Т	505 30 40. <5% MUZTO	hies Aud	e dun N	RTCI ha	,, 7							ì				
	П	Τ	men higher mone content	Act Mul	20 to 13	10 91-03	64	<u> </u>	60	1		H1150	3	52	4			
	П	1	1.2% BM VFG PY. + HUE	· + tr   403			•=====											
	Πİ	T	3 " "															
60	П	$\top$																

MINEQUEST	EX.	۲Ļ	ORATION ASSOCIATES LTD. DRILL						OFF. V	ال. ال	41.06	IPA	GE No.	۲
XTURE ALTER'N, INERALIZATION, ETC.	GRA	PH	DESCRIPTION	INTER	VAL(m)	REC'Y	EST. GRADE	SAVL No.		<del>,</del>	ASS	AYS		_
EIG.	32			FROM	TO	<u> </u>			المها	Car)	(reque)			_
			THE RED POT (?) OF THE SUS 20-40	<u> </u>						· · · ·	11 /			_
		Ш	Signam sus as never all techni indistrict charles	<i>(40</i>	10	ļ		4115	_5_	52	6			_
	$\Box$	Ш	montes							ļ				<u> </u>
je_			305 60-70							ļ				
							L		<u> </u>	ļ				
		Ц		70	<u>€0</u>			41152	<u> </u>	55	٤			
	$\coprod$	$\sqcup$	W 3 (1 2 2)		<del> </del> -	<del> </del>			·	<del> </del>				
9	╁┼	$\vdash$	edilkered chips, 20% granding (this), way our week to moderate iron stained such bear v restoralists	-		<del> </del>								_
	++	╀┩	to mulerate item stailed. SUS as Delete. V. Cat (UV UNITS	2		<del> </del>		91153		£.C:	7			_
	+ +	H		30	40	<del> </del>		41123 41123	1	94	5			_
	1-1-	┦┤	2 11 12 (22-2) 2 11 1	ريع	40	<del>                                     </del>	-	71725	3	177				_
€;⊂	┦-	╀	505 (av 70, all dk rod ohip (DRT?), v 200 underhact	ļ		<del> </del>	<del> </del>			<del> </del>				
	╁╌╁	╁┤	shlodal to antidal gloups throw KIMNO			├	<del> </del> -	4 1917		#2	-			_
	4 +	┦┦	sooher	90	ن0:	<del>                                     </del>		7:154.	<u>8</u>		Li.			
	╂┼-	┦┦	The second secon						<del> </del>	<del> </del>				_
<u>  [4)</u>	1 +	$\square$	eutly dk and (DAT?) chips, 20% light gary MDZT adips, some	-		-			<del>                                     </del>	<del> </del>	<del>  </del>			_
<del></del>	╀╌╀	1 1	as AU-90 SUS estable		<u> </u>	<del>                                     </del>		3/10-20	<del> </del>	0.0	-			_
	11	4-4	manachlish mad to wall oft to an in DRT	iDO.	110			411 <u>2</u> 2		80	3			_
<del> </del>		1.1				<del> </del>	<u> </u>			<del> </del>	<b></b>			
111	11	11	golode red (DET?) ships with lightgray chips, \$144 dam			<del> </del>	-		<del> </del>	<del> </del>				
	11	$\sqcup$	v.ly sus, all PY?		ļ	<del> </del> -			<del> </del>		<del>  _  </del>			
<u>.</u>	11	$\sqcup$	<u> </u>	110	/20			411 <u>5</u> 6	5_	115	16			_
	11	$\sqcup$			<u> </u>	<u> </u>				<del> </del>				_
1.2	11	Н	Distinct colourshappie to purky-ord chips suto suto suitak ord 4176 day 505, Dhieri ore even more indistinct true before		<b> </b>	<u> </u>	- :-		ļ <u> </u>					
	$\downarrow \downarrow$	Ш	4146 day 505, behire o're eigh mure indistinct than beture	ļ						-				_
<del></del>	11	Ц		120	130	<b></b>		9057		127	4			
	1.1	Ц		ļ	ļ	ļ		91959	5_	125	5			_
13.		Ш	got to de ad when with maky sed colors from from Marke	ļ		-				<del> </del>	ļ			_
		$\coprod$	ence de grenif P(?). soil son seel flue verig sus outle		<u> </u>	<b>!</b>					<u> </u>			
		Ш	(At ! colub!)	יאנו	140		ļ	<u>41158</u>	3_	44	5			
	$\sqcup$				<u> </u>					<u> </u>	<b> </b>			
ا <sup>ند</sup> <u>د</u>		$\Box$	beakto 100% ok and chips (DRT? as tuff?) textures still		<u> </u>	1				<u> </u>				
			indivind some is 60-70, 51% sus, dim and assure							<u> </u>				
		$\prod$	dkaren (FP) on kx.	Ho	150	<u> </u>		7/159	7	44	9,			
		$\prod$	3		<u> </u>					ļ	<b> </b>			_
rSS.	П	П								1	1 1			

1	EXTURE, ALTER'N, MINERALIZATION, ETC.	GR	APH	ORATION ASSOCIATES LTD. DRILL DESCRIPTION	INTER	VAL(m)	REC'Y	EST.	SAM			ASS	AYS		
1	ETC. 150	GE	בוסב	DESCRIPTION	FROM	70		GKADE	WO.	de (m)	Cu(m)	His/mm)		1	T
<b>-</b>	1.0-	17	T		3.55	1				11-11	1	17 7			†
<b> </b>		$\Box$		505 140-150, 1% godin 627Co Promo Muginy 627Co Valeto chlorite otteration a Naccessay. Tempro a dans	150	ibo			41160	-2	54	7			1
-		1 1		recoming distinct new more like a ter (ie alighmeni o ithlates).	1.0	1									1
-	ieo	$\Box$	$\top$	200 140-170 Chalts Ho now I weak, distinct external		1									1
į.				Behans Limma 4561 PORt. 2020 H LOTOGE 1-3-665M		1									٦
<del> </del> _		11		to M+ to terities us Ligo youp 6216, just harding 60	160	170			91161	સ	55	5		Ī .	٦
[-		1		Alian for must mountie mannetite:		1								L	Ī
	i3o	1		dies or new magnetic magnetic!											_
	<del></del>	П		note the chip house been go thry increasingly mayre the is though										L	-
<u> </u>				week chloritecitally.	170	180	1		4/163	3_	42	4			
	<del></del>														
	تنگا		$\top$	BUT of red chips weekly all DRT & 1907xm 205 PY, MG.							1				_
		$\sqcap$		vueok challat the.											_
Г		П			180	190			21(6)	5_	<u> 43</u>	7		<u> </u>	_
. [		П													
	190	$\sqcap$		205 180-190, 51% colock dips to Manne co with virare											
			Т	hading ov sus or before v. porc cp?							<u> </u>				
Γ		П	T			L			91164	3	25	Ŀ			
Γ		П	Т		90	200			91910	_5_	telo	IO.			
Γ	200			505190-200, IACIA M. 52% DSA +4CP. POR OZUMA											_
		·		SOS 190-200, IACIA PV. 52% DSA, + 4 CP. TOTE OZVALA/ hairling fry, PVCs costanys on the? Dismace?							<u> </u>				_
			$\top$		200	210			41162	5	ZUL	8		<u> </u>	
						<u> </u>					ļ			ļ	
	<u> "</u>			503 190-200 2-376 dom sus 17 + ternulyd 97. # 67?				• •			ļ			ļ	_
			$oldsymbol{\perp}$	all dk red earlies of DRT?			ļ. <u> </u>	,			-				-
					Ç Ç	220			વાહ	3_	3	8		-	-
											<b></b>				_
	220			555,190-200, \$1% EP & veit and an fix and last 46'							<b> </b>	<b></b>			_
		$\sqcup$	$\perp$	sulphides as before.							-				_
L		$oxed{oxed}$	$\perp$	· · · · · · · · · · · · · · · · · · ·	<u>22</u> ي	230	ļ		4	4	30	7-		<u> </u>	_
		$oldsymbol{ol}}}}}}}}}}}}}}}}}}}$									<del> </del>				_
L	2.0	4	4	IV) Fort		ļ				<u> </u>	<b></b>	<del> </del>			-
L		$\sqcup$	$\perp$		<del></del>	<u> </u>					1	-			-
L		igspace	1			<del> </del>					<del> </del>				•
1		1 1				]	L			l	1	<u> </u>			_

PROPERTY:			MINE	EQUESI	EXP	LORA	TION	AS	SOCI	ATES	LT	D.				E No.	1-07	
CLAIM BLOCK CO	DF		AGR		ימת	ILL LO	~ ,	ומסי	3		פח	n r nyo	co ·	i)eu	<b>~0</b> 041 !	المنصع	UTIONS	im.
NTS: 92H IS E			TM:		UK		G - (	UNU	<u>.</u>		ST	BEE	- 15 Fa	8 144	X7VV	- NLD	V(: D0)	FID.
CLAIM NAME: 2		_									CO1	UPI ET	* D *	Feb	ar:i			
LOCATION - GRI						SUI	RVEY					RPOSI		1,60_1	M			
GRID N: 4393 N			GRID E:6586 F	DEPTH	AZIM	DIP	DEPTE	I AZ	TV I	DIP			<u> </u>		<del></del>			
SECTION:			ELEV:	3-2-11		<del> </del>	7 - 1	+	-		CO	OF RE	COVE	ov.				
AZIM:		_	LENGTH: 300'	<u> </u>	1	†	<del>                                     </del>							W OU	: .L / A`	7		
DIP: -40		-	ASING LEFT?: No		<del> </del>	1		+			DA'	חב נח	CCFD	15.16	Fest	001		
CORE SIZE:		-			<del> </del>	+	<del>                                     </del>	+-									CH LAB	<u> </u>
CORE STORAGE:			<del></del>		1	<del>                                     </del>	<del>                                     </del>	+	-		TAT	REF	י דאַטי	105 - 6	712.7	- FT	16-91-91	<del></del>
TEXTURE ALTER'N.	Г	_			·							ĺ	<u> </u>	100			<u> </u>	
MINERALIZATION,	GR	API OL	חדים	CRIPTION				INTER	VAL(m)	REC Y	est. Grade	SAM				SAYS		
ETC.	عوا	Ų.	. 52	0144 11011				FROM	TO		GRADE	NO	Aurich)	(Lypr)	Admir	1	T	1
	П	T											71	1=4/-	17	1	1	
		T														1	T	
	П	Т	0-13 Overhuiden												$\Box$	1	1	1
10	П	1				<del></del>								1	1	1	1	
	П	T														1	$\top$	1
	П	T	:	-										1	1	1		1
	П	Τ												1	1	1	1	
20	П	Т	V. P.a. ok area toff, alm	ut entreni	bi no	textures	112/20									1	1	
	П	T	to draft as supported a	uber	·		-		1						1			1
	П	Т		<del></del>				20	30			4114	,	40	2	$\vdash$		1
	П	Т		<del></del>					1							1	1	1
30	П	Т	vila to annonite dicare	1 to block	かれっ	No textu	70										1	1
	П	Τ	VISITY ON SUL CHIE Y S	19hllu mac	eretic			Ψ										
	П	Τ	VISING AUD SUS CHIEF & SI	3.0	3.			<u>ئ</u>	40			41169	w	44	"		T	
	-	Τ		•														
40	П	Т	505 30.40. 1% IRM.	Bund on	no Angua	Aul. V.	JEMIN!									1	1	
		Τ	maynetic.			1	0.0					-						
	П	Τ	3					<del>4</del> 0	30			91170	2	45	(			
	П	T				<del></del>				1							T	
SÞ		T	505 30-40 dignily oxile	C er QUA 311	مارين ع	da Ha	人							T				
		T	grund mus to but by?	31% 2	00.05.12	M SELW	d-											
		T	grandmes to but to PY? is this beself? very successfully a fightly very color? still u. signify very delilion so for	در دا اله	449			<i>5</i> 0	40			9171	2	Si_	'3		1	
		T	vesicular? fill v. fichtly	MUGNIC	_			56	60			9911	5	51	.5			
60		Т	بر دیل ایالی در کرد														T	

			ORATION ASSOCIATES LTD. DRILL	LOG	- (	ORE		H	OLE N	0. ALA	91-07	PAC	GE No.	2
TEXTURE, ALTER'N, MINERALIZATION, ETC.	GR	APH	DESCRIPTION	INTER	AYT(III)	REC Y	EST. GRADE	SAM			ASS.	AYS		
EIC. 100				FROM	70				Augh	(idgm)	(case)			
			v. (.c. to v. v. fry Hock, Extreless of p. v. signify magnetic, an wishe Sus to transferent grandown than v. urapen-	<u> </u>	ļ		ļ		"		*1			_
			auxisito sus to transluterat grandoum thinis! where-	40	30		ļ	71172	3	5 <del>*</del>	3			<u> </u>
			space filling?	ļ		<u> </u>	ļ	ļ	<u> </u>					<b></b>
70	L	Ш	spece filling; chips one stay covered.  So 60-70 how <106 dam w lg DY., shill v wookly maynete  soft dalling continues	<u> </u>		<u> </u>								<u> </u>
			soft dalling continues	1		<u> </u>	ļ							<u> </u>
			J	70	تنظ	<u> </u>	ļ	91173	+	51	2			
						<u> </u>								
80			50 60 70 are enter 30x magnification only vague totaling valle, tr DT? vvlg totaling.	<del> </del>										<b>-</b>
			windle troff whatdom.	<u> </u>			ļ				*			<u> </u>
				40	90		<u> </u>	(1)74.	3	53	12	i		<b>-</b>
				<u> </u>			<u> </u>							<b>—</b>
40			12-1607 sondy red/frown Fa ult Zore?				<u> </u>		ļ		<b></b>			<u> </u>
			V. ku drum, mostly as above to 55% 62 this, lots of				ļ							<u> </u>
			day bolls	40	100	<u> </u>	<u> </u>	2:15	2	52	2 1			
		l (	•	<u> </u>			L							
ibo		Ţ	Fail zen continues, 505 92-100, mixed chipsel Danded								· .			
			Fault Zen continues, to 92-100, mixed chipsed pended to sentended petitles \$20mply, green ving till, by mnzt, bz., IRM struck chips 14 zente due to slutting in the: Fault Zen continues me buy clips, 500 100-110.				<u> </u>					<u> </u>		
			62, IRM String that	IDO	110	<u> </u>	<u> </u>	9176	9	<u> 43</u>	8			
			is sermle du to slutture in tile.											
ilD			Fault Zur continuo inc Job dam, 505 100-110.			<u> </u>	<u> </u>							
											1	1		
				UD.	i2o			7/177	5	63	10			
120	П		Earlien continuo, inc % chips, too 100-110											
	П													
				120	130			41178	8	65	7			
	П	1												
i30	П		Fault Zow continues inclo of chim 305 100-110	Ι"										
		1	Fault Zuw continues, Mc/o of chips, 305 iou-110 15 this on unconformity beneath hospit?											
<del></del>	П		The state of the s	120	140			91179	1	61	8			
		+												
Ho	Н	_	soul two condinies still more odube, como green my this some more may to so mixed at all theme, odub community or noted, at those other womanity or noted, at those other way troum.		-									
, 10			The MART ME 10/0 Mixed OF WITHER OLD CHAMMEN											
		-	a which is them still over house.	110	150			71180	43	55	6		j	
	$\vdash$	+	The state of the s										i	
150		+												

`\3

		LVLI	ORATION ASSOCIATES LTD. DRILL	<del></del>					1 222	iv. AUK	<u>- 41-07</u>	FAC	14C	<u>.                                    </u>
	TEXTURE, ALTER'N, MINERALIZATION,	GRAPH GEOL	DESCRIPTION	INTER	RVAL(m)	REC'Y	EST.	SAM			ASSA	AYS		
	ETC. ISO	GEOL		FROM	10				(tranh)	Ci/ga)	Aslgor)	$\neg \neg$		Т
			Fait Due Continues, now Extrapres Ro nikodor, 15 tothe Aust						ų	6, 7	11 /			$\top$
			5 Tower as before	150	160			91181	7	63	4	_		T
														T
	ILO		Fruit Zear Continues to 1600 Cas before		Ţ <del></del>						•			T
		1 11	al just majorn attings, purple or semathic strand, vilia else								*			T
		111	hill or MNZT? 1-2% CSM SUS LV4 - PY+?	ibD	130			11/22	7	97	6	Ī		T
		1								T				1
	170	<del> </del>	ledeel at 147		1									1
	172		It punts to A (?) sas but 170, is this a leaded will " in their tree		1						* 1			1
	<del></del>	1 11	he for must, to show are indistinct, 1-2% dum up fig. Sus Py tractive	170	120	-	- 4	11183	1	40	:15			†
		╅╼╁╁╌	C. An? totage v. to to Vufu. 750% a externished	170	180			41912	5	360	10	į		1
•	190	1 1 1	# none hall six 170-100, heman's som? sich wa	· 15	1			JI 119	<u> </u>	-				†
	130	<del>                                     </del>	pain white or area to PY asserbe. Susceptive 52%		<del> </del>	-				<del> </del>	1			†
	<del></del>	<del>    </del>	dum vuta ?7. It Notive is.	120	190		ļ.,	71184	~	47	4			†
		╉╼╊╊╌	dam vote 11, 11 Reported,	IED_	170			HOL		1-11-		-		+
	105		4 -1 + 8(2) (a. 12a - 12)		<del></del>	,				1		<del></del>		†
	190	+ + + -	H people tuff (?) sos 170-180, inc greenish time tocapo.	-						<del>                                     </del>				†
		┦ ┦ ┦ ┦ ┦ ┦ ┦ ┦ ┦ ┦ ┦ ┦ ┦ ┦ ┦ ┦ ┦ ┦ ┦	« 1º/6 W2 ± Co chips v par IRM SENT CM 62 SUS as hope;	5.00	200		<del>   </del>	~//~	,	28	14			┪
		╃╌╂╂╌	# EP on rare greenish chips	HU	200			7195		28	14	<del></del>		+
		╃╼╀╌┋╌			<del> </del> -									+
	200		lit purse tutt (?) sus ito-100 to Ma = Az? steined chips	-	-			-		<del> </del> -				╁
		╃-	€ 190 Qz = Cadip, Suran chive.					2466	_	107	***		<del></del>	+
•	<u> </u>	+++		200	210			1182		97	13			+
		<del>                                     </del>			<del></del>									+
	210		Hardetoff () sos 170-100 v ran Mo stand chips v.							<del> </del>				+
		<del>                                     </del>	por 62 = coding v usokly non spinor sus us of the		<del> </del>					+	-			+
				250	220			1127		22	15			+
	<u> </u>	$\sqcup \sqcup$		210	220			71913	_5	iG.	7.0			4
	220		It work tit (1) soo 170 ieo are 68 to chim to bo, May.	<u> </u>	<b> </b>					<u> </u>				+
			ran AZ 50% dim sus or before.		<b>ļ</b> .!								<del></del>	+
			<u>'</u>	220	230			1168	4	679	14			+
										<b> </b>				ļ
	230		Mande bil to 234', pock chose to ainkish bill similar to It amb											1
			Marie 6 1/10 234, ozk chare to pink in bill, similar oilt profe 631 mt 2-40 62 chip, to Ma, 550 white 62 mouther							ļ				1
			un la 1-290 dim W 8.4 SUS . PY # I bethe Cu Pi commonly	230	240	]	9	1129		260	3			1
			denind				_				<u> </u>			1
	240				T - 1			_		<u> </u>				1

•

1

A CONTRACT OF THE PROPERTY OF

.

MINEQUEST	E	(PI	ORATION ASSOCIATES LTD. DRIL	L LO	; — (	CORE			HOLE 1	Vo. Ac	291-0	PA	GE No	, 4
TEXTURE, ALTER'N, MINERALIZATION, ETC.	GR	LAPI COL	DESCRIPTION	INTE	RVAL(m)	RECY	EST. GRADE	ţ			ASS			
240	┿			FRO	( TO		0.400		A (mh)	GART)	140m)			1
	╂	₩	pokish tuk, 400 230-240, vilgor the mozedon, 519500 phips, 2-296 non soired chips, 400 co better, 1-2%	۲	<del></del> -	<del> </del>	]		1 "	1111	187			$\vdash$
		H	hairline by	140	220	<u> </u>		91190	2	45	6			$\vdash$
250	+	╫	realing by	+	<del> </del> -	<del>  </del>			ļ		·			
		H	pakish red toff, 500 300-250, 41% 62 chip IC. 1.40	<del></del>	-					<b>!</b> :	•			
	+-1	╫	in steiner chip, 52% dam vis sus, no rehousing 61V.		-	ļ			<u> </u>		U.			
		+		120	300	<del>}</del>		9/19/	3	106	6			
260	-		Calculated the state of the sta	<del></del>	<del>!</del>	-			ļ					
- Jac		+	colour change to grey/green the stration in grandment size to immine whitely intersect to destruct in let to the green For the common in the sure of the colour strategy. I so had in a green to the colour strategy of the colour strategy of the colour manner of the colour strategy of the colour of the colour strategy of the colour of the	+					<u> </u>					
	1	+-	LIMITED SUPPLIES LEVEL LEVEL TO CONTINUE TO A LEVEL TO THE ACT OF			ļ			ļ		3			
		+	17 COM V. 19 13 17 1 1 1 10 WAND OF GITL WITTEN	دسد	270			11192		36	-2			
676	H	+	The HEM STAND CALLE, <1"/2 Notifich are all	<del></del> -							· -	i		
70	Н	+	talescent moran a repract titls, some line as before gland	1										
	-+	+	at day in this tim, sub as before, numerous item stroped for	<del> </del>								T		
			CALL ONLINEAL COURT STRAIN STRAINS OF CARROLL	1.7 (1)	300			21193		84	4	$-\bot$		
260	-	+	to to moroum tulk, 10% green tulk, as before \$12/062 dips, 12% dim Ses, vely Pt, mostly termined + stedgey ses, compensity serabind	270	20		k	11914	5	61	10			
		+	10/0 MCOUNTUR 1070 green hit as to the \$19602 alips, 127	·	<b>_</b>		!							
	-	╬	OHM SUS, WILL BY PT, MUSTLY BURNISHOOK + Steel Grey SUS, CHIPS CONTY	ļ	<u> </u>						, -			
	+	┼┤	screened	1357	290			1194	2	54	2			
300	-+	-1-4		ļ	<u> </u>							- $T$		
270	+	╁	455 280-296, tr 67 acilox co'	ļ										
· · · · · · · · · · · · · · · · · · ·	-+	+	· · · · · · · · · · · · · · · · · · ·	<u> </u>										
	$\dashv$	╀┤		250	308			1195	5	112	6			
	$\dashv$	H		<b>!</b>										
	+	╁┽	HOBOR	ļ										
	+	╆╅									$\neg \neg$			
	+	H												
	+	++		<u> </u>										
	+	11												
	+	╁┼												_
	-	╁╁			T	[		2						_
	-	₩.												
	+	₩												
	1	-												
	1	-												
	1	H											<del></del>	_
	1					1							_	

														_				
PROPERTY:		_	MINE	QUEST	EXP	LORA	TION	ASS	SOCI	ATES	LT	D.	•	-		No.	1-08	
PROPERTI.		<u> </u>	16										_					
CLAIM BLOCK CO	DE		AGR		DRI	IL IO	G - 0	ORE	;							KRIDRA	MONS A	ביט
NTS: 42H/15	_	ַטַ	TM:										: 16 P					···
CLAIM NAME: 2		1				SITS	RVEY						ED: [6	FEI	991			
LOCATION - GRI		NA.		DEPTH	AZDL	DIP	DEPTH	AZ	B ( )	DIP	<u> 10.</u>	RPOSE	<u>-</u>					
GRID N: 4394N		-	GRID E: 6500E ELEV:	DEPIR	AZIM	DIP	DEPIR	AL.	NL	DIF	CO	מס מס	COVER	v.				
SECTION:			LENGTH: 330'				<del> </del>	+					BY:		S. 18 844			
AZIM:			ASING LEFT?: No	<b>—</b>			<del> </del>	<del> </del>	-				GGED:					
DIP: -90 CORE SIZE:		_	ASING LEFT:. No				1	+								70 C	(L- FC	u / 484
CORE STORAGE:				<b></b>			1	╅╾			TAX	S BED	ORT N	IOS · ·	<u>~122 E</u>	<u> </u>	TK 71-	G <sub>1</sub> .
TEXTURE, ALTER'N,	I	_	Γ	<b>L</b>	<u> </u>	<u> </u>	<del>'</del>				244.4	, ,,,,,,,	l			,	<del>12 11</del>	
MINERALIZATION.	GR		חורכי	CRIPTION				NIER	<b>У</b> Ш(т)	REC'Y	EST. GRADE	SAY			ASS	SAYS		
ETC.	Gi	OL	. DES	oldi iloh				FROM	10	1 .	GILAUS	VOT.	Aucah)	alorm	Ascam			
		Τ										,	11 "					
		T																
			0-18 exchurden															
.00		T														<u> </u>	<u> </u>	
		1													<u> </u>			
			•													ļ		
			12-30 broken grand 30	x sende	ccuvery				<u> </u>					<u> </u>	<u> </u>			
20		1	0 1	f	<del></del>				<u> </u>				<u> </u>	<u> </u>			<u> </u>	
	Ш	1				·- ·- · · · · · · · · · · · · · · · · ·			<u> </u>				<u> </u>				↓	
	Ш	1				· · · · · · · · · · · · · · · · · · ·								<u> </u>		<u> </u>	<u> </u>	
	Ц	┸												<u> </u>			<b> </b>	
30	Ш	┸	Alack venulin box It, so	<u>ne as tup e</u>	71-03	Mussiy	Kre						<b> </b>	<u> </u>	<u> </u>	<u> </u>	<b></b>	
		┸	general novisine sus non	-maynetic	-	•			<u> </u>					ļ	<u> </u>	<u> </u>	<b> </b>	
_	$\sqcup$	1	·	<u> </u>				<u>30</u>	40	<b>.</b>		91196	9	55	3	├──	<b> </b>	
_	Ш	4							<u> </u>					ļ		<u> </u>	<del>                                     </del>	
46	$\Box$	1-	Mock visialer beset six	30-40										<u> </u>		<b></b>	<del> </del>	
	Ш	1	<u> </u>						<u> </u>							<u> </u>	<del>                                     </del>	<del></del>
	$\sqcup$	╀						40	50			<del>91193</del>	2_	49	+		<b> </b>	<b> </b>
	$\vdash$	+		. 0	1 - 12		<b></b>		<u> </u>								+	<del>                                     </del>
50	H	+	Black vertaler levelly So	5-40-40	जल्ला (	Maghelic	· -		<del> </del>			-		<del></del>			<del>                                     </del>	
	╂╼╂	+	goung and than healy is	rate 19m	v. 2017	o muder	- tag		(4)			2.00		66	4		╂╌╌┤	<del>                                     </del>
	╂╼┨	+	Mad					<u>50</u>	(W)	$\vdash$		4198	-4	.55	T -		<del>                                     </del>	
lan	╀┤	╀		<del></del>				-					<del> </del>				<del> </del>	
											1			ı	,			

	MINEQUEST	EX	PL	ORATION ASSOCIATES LTD. DRILL	<u>LOG</u>	- (	CORE		H	OLE N	io. Au	41.06	PA	GE N	ło
	TEXTURE ALTER'N, MINERALIZATION, ETC.	GRU	APH	DESCRIPTION	INTER	VAL(m)	RECY	EST.	SAY			ASS	AYS		
	ETC.	GE	OL.	DESCRIPTION	FROM	70				4 (m)	C (1142)	Avam)			
			$\prod$	Plack versular heart, 305 30-40 dispitly magnific	<u> </u>	<u> </u>	1			11	117	**			_
					40	76	ļ		11144	1	-54	7		ļ	_
		11	44			ļ	<del>   </del>			<u> </u>	<del> </del>				-
	<del>1</del> 0		$\downarrow \downarrow$	Black Vessalar beselt; 405 30-40, sleptly regretic	+	<del> </del>	<del> </del>				<del> </del>				
		╬	++		10	80	-		71200		うじ	6		1	
	ļ	╬	╌┼┤		10	182	┼┼	f	HILLO		· · · · · ·	-6		-	-
	90	+	++	West inscribed to the Distance of Sunthe manche	-	<del> </del>	1								
	<u>30</u>	1.1	+	Rick usualcriteself, as 30-40, v. slightly magnetic 2-240 gamps slightly irm secret	1		1		-			· ·			
	<u> </u>	1 1	+	To Alexandra Manager Anna Anna Anna Anna Anna Anna Anna Ann	فين	90			1201	٦,	51	'5			
		11	11		80	90			195	<u>5</u>	46	(0		ļ	
•	90	$\prod$		Black vertales horself, 305 30:40, a slightly magnetic								<b> </b>			-
			$\square$	3 7 3	-	<del> </del>	<del>                                     </del>	∤			1			<del>                                     </del>	-
		11	11		10	100	<del>├</del>	<u> </u>	1202	1	45	6		-	-
		1 !	+	Design to the second second	<del>↓</del>	1	╂┈╼╼╂							<del>  -</del> -	
-	100	-	+	Back Venular have 11 to - 104' den into lovely amaliached	<del> </del>	<del> </del>	<del> </del>				-	<del> </del>			
	<u> </u>	╂┵┼	╂╋	gard, sences 92-167 in the 9+67, Mixed likeologies in	100	ilO	1		712135	,	7:	6		<del>                                     </del>	
	<b></b>	┽┽	┿	Auct	1100	170		——- <del>[</del>	1/43		1	~			
	110	++	+	Lovely to consolidated grants considere	1	1									
	1,0	11	H	many in the same of the same o	1										
•	· ·	11	11		IlO	120		×	1124.	5	71	3		<u> </u>	
•						ļ					<u> </u>			<del> </del>	
	120			Consult deated grands, as coving, as colore	<u> </u>	ļ					ļ	<del>   </del>			
		11	$\bot$	J, J,	<del> </del>	-	<del> </del>		2	<del></del>		-	<del></del> · -	-	-
	<u></u>	$\sqcup$	44		170	100	<del>                                     </del>	<del></del>	<b>3/20</b> 5	.3	53	3	_		
		++	+	A TIME OF THE REAL PROPERTY.	+		╁╌┼								-
	in in	++	+	Consolidated gravels, no caving, as above	+									<del></del>	
		╁┼	┿		100	100			iXI.	17	55	7			
		† †	++			<u> </u>									
	Ho	11		Constituted francis, no coving asserbus											_
	1		$\top$												
					Ho	150	<u> </u>		112:7	1290	150	3		<u> </u>	
			П			<u> </u>	<b>├</b>						-		
	150	1			<u>l</u> .	<u> </u>					J	Ll			-

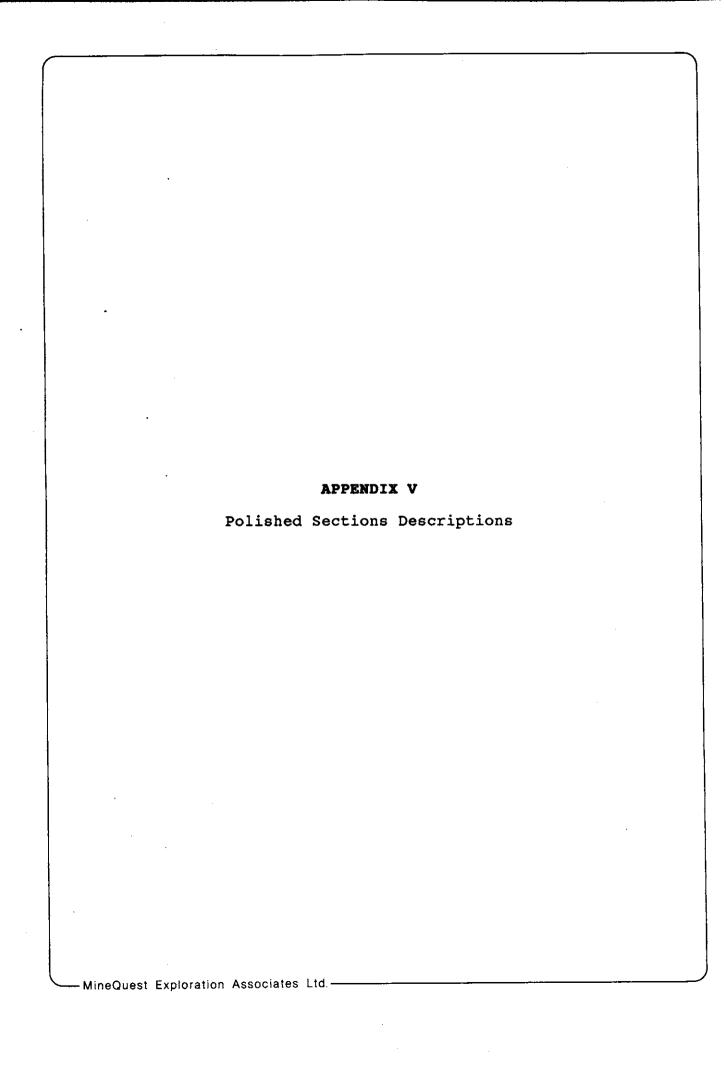
•

	MINEQUEST	EXPI	ORATION ASSOCIATES LTD. DRILL	LOG	<u> </u>	ORE		H	OLE N	10. AU	91-08	PAGE	No. 3
	TEXTURE, ALTER'N, MINERALIZATION, ETC.	GRAPH	DESCRIPTION	INTER	VAL(m)	REC'Y	EST.	SAM			ASS/	AYS	
	ETC. ISP			FROM	10		"000		Auton	CLO	4/00		
		$\Pi\Pi$	Consolled for good or coasse and human erry firing.				ĺ		11	11	111		
			rocaving adequite as a time	150	160			ונצור	7	31	5		
											·		
	160		Potetly morem to R, still v. extedalling but chips are uniform								•		
		111	likely us to titl(?) textres inditable 1-2% use due sus:	<u> </u>									
		111	17. 75% 1 chen on id zoo and ion sourced; weekend or toic?	to0	170		- (	५७८१	5_	69	'4		
			leave if lest the was not consider	<u> </u>						L			
	OFI		Incorporation, china costly expected for the had bodall with	<u> </u>	<u> </u>					<u> </u>			
			deal. 1-20 day u.b. ternshed 87. 55% could red and		<u> </u>					<u> </u>	-		
			inh-paine ahus.	170	1ED			סענה	51_	34	: 4		
										<b></b>			
•	ાંદેગ		Marcon tell ouchus, rare it green aily 55ky Bohera,	<u> </u>	<u> </u>								
		111	1-290 cum sus on hetere	1	<u> </u>					ļ			
				120	190		k	7/2//	24	71	2.		
	190		Moran bill v. by Kimme towns indistinct inc header drilling	<u>.</u>						<u> </u>			
•			1-2% eschipt ch. 1-2% dom V. hg. Sus; 24, mostly ternished										
				190	200			11212	10	82	5		
	200		Margan Lift as abus, 1-270 v to to to to priving Pt. OR		<u> </u>								$\longrightarrow$
		1-11	Marcan to R. as abus, 1-270 v to to fig to mistry PT., sore distinct to the substitute of the substitu	<u> </u>									
•	·			200	210	1		11213	20	59	5		
•				2-70	310		5	1916	5_	52	5		
•	210		Marcen to Byon above, 51% Washin I + PT. Sub in cher,										
		111	1-270 dam, U.A.	l i							<u> </u>		
		111		210	220		ļ.	1214.	<u>ب</u>	37	4		
											<u> </u>		
	3 <b>2</b> c	,	Mosom NN 305 310-320 5190 62 Chip 1270 0:47										
	X	$\top \Box$											
		111		220	330		•	11215	7	27	2		
		11											
	The state of the s		340 - BUH -		i								
	7.5	7-11-						]					
		1										_	
		1 11		İ									
	240	+++											

PROPERTY:			<del>2</del> 16	MIN	EQUEST	EXP	LORA'	rion	AS	SOCI	ATES	S LI	D.	•			e no. AGR	91-09	ř
CLAIM BLOCK CO	DE	:	2,0	AGR	•	DRI	ILL LO	G -	CORI	E		DR	ILLING	CO.:	Norin	99u B	YALON	ATTONS A	rtd.
NES: 92 HISE		ับ	TMC		_							ST.	ARTEL	: 17 }	d 119	t			
CLAIM NAME:	<u> 2</u> [(	- 3	l .	_	•							CO	MPLE	ED: 17	Fch I	991.			
LOCATION - GR				<del></del>	•		SU	RVEY					RPOS						
GRID N: 4392N			GRID E:	10433E.	DEPTH	AZDL	DIP	DEPT	I AZ	DL.	DIP	,				-			
SECTION:			ELEV:	***************************************	.		1					CO	RE RI	COVE	RY:				
AZIM:		_	LENGTH	2022	•			<del>                                     </del>						BY:		n RLA	<del></del>		
DIP: -90	-		ASING LEFT				<del>                                     </del>	1	+	<del>-  </del>				GGED:					
CORE SIZE:		~	ADING LEET	··· NO	•	<del></del>		_	+-								: 70	÷ω =	Cartinasi
CORE STORAGE:				<del></del>	•	-	<del> </del>	<del> </del>	+			TAI	D DET	ORT 1	MC III C	(3) - (3)	$\frac{F(U)}{2c}$	41-9	SC PAID
	-		T			L	<u>!</u>	t		<del></del>	1	1	S REE	UK1 I	103	11-01	- 25.	_41_4	<del></del>
TEXTURE, ALTER'N, MINERALIZATION, ETC.	GR GE	APH OL		. DES	CRIPTION				INTER	VAL(m)	RECY	EST. GRADE	SAX				SAYS		
- · · · · o			<u> </u>				_		FROM	TO	<u> </u>			AKM	CLOOM	14xom	1		<u> </u>
		Г										Ĺ		1	1 "	61	1		<u> </u>
		Т										Ī					T _		J
	П	Т																7	T
10	П	T	0-10 ari	reden						1	1			1			$\top$		T
15.		十	-			-				1	1			1			1	$\top$	
	$\sqcap$	1								1				1				1	
	H	+								$\dagger$				İ		1	<del>                                     </del>	$\top$	<del>                                     </del>
20	1 1	+	بردمن بامرداد	work besolf, 1	Rose C. P. Asad	£ 1 mm	A Jene	بالجناد				· -	<del>                                     </del>	<u> </u>	1		$\vdash$	$\top$	1
		+	DA CONTRACTOR	with behal	3	15 (1811	9, W.3	7 7	20	30	<del>                                     </del>	i	91216	بو	47	2	<del>                                     </del>		1
<del></del>	┥┤	+	3	WAY TECHNOLI	A CE IDS				40	<del>, 122</del> ,	<del>                                     </del>	<del>                                     </del>	71240			<del>  ^ </del>	+-	-}	<del>                                     </del>
<del></del>	╂╌┨	╅		<del></del>				····		<del> </del>	<del> </del>	<del></del>	<del></del>	<del> </del>	$\vdash$	+	<del> </del> -	<del>-                                     </del>	+
36	╀╌┨	┿	<b>53</b> - Je - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1		ا السا	22.42.0	A 3.11	1		<del> </del>	<del> </del>	├	<del> </del> -		<del> </del>	<del> </del>	+	-	+
<u>&gt;</u> E	-	╄	DISCL TOSS	ve vesicular	E0611, 202	20-30	MENTLY.	megnet-		<del> </del> -	<del> </del>	├				┼	┼──		+
<del></del>	$\vdash$	+-	اد	<del>.</del>			<u> </u>			1	<del> </del>						╂	<del>-}</del>	+
ļ	-	+	ļ						<u>30</u>	40	├	<del> </del>	71217		56	<del> </del> -	<del>↓</del>	<del></del>	<del>- </del>
ļ	-	+		***						-	<b>├</b>	<u> </u>	├──	<del>                                     </del>	<del> </del>	<del>                                     </del>	+	_	<del>-{</del>
40	Н	1	Hack, Must	الملا بادينجياد	<u> معادرة</u>	<u> 26 ∂u</u>	<u>-30, 10/</u>	€ .		ļ	<u> </u>		<u> </u>		-	<del> </del>	₩	+	<del> </del>
<u></u>	Ш	1	1004 SEINED	venicle offi	My SIGNYL	MOORE	70			<u> </u>	-	ļ	<u> </u>		<del></del>	<u> </u>	╀	<del></del>	┼
	Ш	$\perp$			J. J.	, ,		_	70	50		ļ	91218	120	50	12	<b>├</b>	<del> </del>	4
ļ	Ш	1		<del></del>			<del>, , .</del>			-	1			<b></b>	ļ	<del>                                     </del>	<del> </del>	<del></del>	<del></del>
Sc	Ц	$\perp$	Mack rus	ive Verlador od chips have	1000 H. 303	30-30	Sleshile	140-		<u> </u>	<u> </u>	ļ	<u> </u>		<del> </del>	ļ	<del> </del>		<del> </del>
	Ш		netic, <1%	od chos have	IRM steiner	Mildy	encles ?	-3minde		<u> </u>				<u> </u>	<del> </del>	<del> </del>	↓		╀
			'	<b>,</b> ,					50	60	L		11219		51	2	ـــــــ	<del></del>	<del> </del>
									Ø	lev			7/9/7	5	41	10	<u></u>		
(a)	Π	П					_						-	1	l	1	1 -	L	<u> </u>

		LORATION ASSOCIATES LTD. DRILL	LOG	<u> </u>	ORE		H	OLE 1	to. A60	91-04	PAG	E No.	<u>2</u>
XTURE, ALTER'N, INERALIZATION, ETC.	GRAPI	DESCRIPTION	INTERVAL(m)		RECY	EST.	SAM	ASSAYS					
<u> </u>	1		FROM	70	<u> </u>			rium)	ددرو	AVENT			_
		Nock, massive, various or boucht sos 20 - 30, slightly magnetic,						',	,,,	, 1			_
·	$\bot \bot \downarrow$	attle declara hour ion spring workles	120	70			4120	lo	53	3			
	$\downarrow \downarrow \downarrow \downarrow$							<b></b> _	<u> </u>				_
70	$\downarrow \downarrow \downarrow \downarrow$	Black, massive, vestaler have the son 20-30 v. slightly magnetic.	<b>├</b>	ļ	<u> </u>	<u> </u>		<u> </u>	<del>                                     </del>				_
	1 11	\$1% chips how wanskined vesicles really with white	ļ		<u> </u>								
	4 11	abouttic scotte filling.	·7c	80			91221	_!	53	2			
····	$\perp \perp \mid$	<u> </u>	ļ						<del> </del>				
ಕು	$oldsymbol{\sqcup}$	Black massive, vesicular beaut, 305 20-20 slightly magnetic	<u> </u>						<b>ļ</b>				_
	1.11	≤1% yellow have 1724 souther vesicles	<u> </u>	L									_
<del></del>	$\coprod$		80	90			11222	1	55	1 3			
	$\bot \bot \downarrow$	Fault @ EL (?) Moson day cutting with a of chips of charge haten hit	<u> </u>						<b></b>				
90		Complised great of sail some? Die otaling of Marcan M.	<u> </u>	<u> </u>				ļ	<u> </u>				
		Light 1-2 to dom't command villy PY, must money handed Regiments of microsom hilly appearably some hexalt-lates a claying withing withing lithough Claying weekened pakes as seed?)	<u> </u>					<u> </u>					
		lamaroum half green his one beself lots a cloque atting atting	90	100			91233	2	41	5			_
	]]	Ellown Cisting ucedand pake missay?)	<u> </u>	<u> </u>					<u> </u>				
lpo		Marcan T. R. Fig to V. F. e. subsided bishedred white F3 dhenow. <a href="https://www.nossive.f-25-dom/VV/4545">https://www.nossive.f-25-dom/VV/4545</a> .	<u> </u>					[					
	1.11	Kimmoly agrantic y quidross, massive, +200-ton Vulquis.	<u> </u>	<u> </u>					<u> </u>				
		all tempered 11? v. reache strangehous	100	110			41274	3	24	3			_
			L										
ID		Maroun tul, soo 100-110, 55% It great chips, smiler likes.							<u> </u>				
		1-2% dom SUS as 480xe.							<u> </u>				
			ii <b>D</b>	i20			91225	i	22	Ŀ			
120		Morantoff, 500 100-110, 55% of chipper It make various			_	** :							
		Movement Soo vo-110, 55% of chipper It park, variller to 91-07, 1-196 dam v(g) ? Tangagast v. cor ded-thress				,							
			120	130			41226	110	21	7			
			ואנו				7/7/3		1E	10			_
i30		thesen toll soo looks inc grow time to Batenos/swark?											
		Marian tell, so los to, inc grow trage to Psychocolswisenk?											
		- Hotel dip > 50/10 green tinge B times.	i3o	ΗD			41227	5	33	4			
i#0		Maken togran till ma 300 B shows subjected to several											_
		51.5mmb commitic grandmess 1-1-10 drowing swall trinter											_
		17? Kiele white out into smarinde trivita six attacks.	140	150			91228	l_l_	28	2			
150	1				_				1				

MINEQUEST	EX	PĻC	DRATION ASSOCIATES LTD. DRILL	LOC	- (	ORE		F	IOLE N	10.16R	91-09	PA	GE No	. 3
TEXTURE, ALTER'N MINERALIZATION, ETC.	GRA	PH OI.	DESCRIPTION	INTE	INTERVAL(m) REC'Y		EST. GRADE	SAL	ASSAYS					
	2 2			FROM		]	0,000		rivar)	Ciran)	(3-10m)			
	$\Box$		resource to the to 154(?) 400 140-150 from - 154 moderation	(			Γ		1 "_	1 11	1 1			
	77	1	resonant begrey to 18 to 154(2), 500 140-150, from - 154 muderately	150	160	1		9229	1 2	25	3			
			hedred to & 7.5 mmd- to metry winds 1-2% dam Prestation-		1	1							_	
الغ	$\Pi$	Π,	ac chartes th?				-			L				
			AT(?) ground B PM. 20% innational align cochur 70%		1				T	l				
	]	1	187(?) Ground B PPX, 30% irmskurd odup cochur, 70% irmskurd odup cochur, 70% irmskurd odup cochur, 70% irmskurd odup cochur, 70% irmskurd odup cochur. Rithora Lina cochur cochur cochur cochur cochur.	160	170	1		9/230		20	2			
		[ e	colly september <100 av. Latozmartick dur archanizavi 1-2700mpt.	İ.	1									
ift	ا اد	1 10	1977?) was 160-170. Note no major minerals, this could still be a		}				]					
		Lit	uk, <1% au community a nouseurity on magine cover PY., 2-3% down				li							
		1	unively, rarich was au	170	(80		 	7/231		17	3			
	1		J'											
160		D	AT Muraen <5% CHERTON Ho, relic subvokel Holados simmed											
		4	1% while OU, upto 1,mm 12c, revely to 5mm to 1/0-12c, 1-2%		1									
		d	om ternitud Pt. as belove increaming harder chilling	190	RO			4/232	10	15	2			
		110	med 15).	<u> </u>	İ	Ĺ			İ					
190			RT moren to sew-170 40% of this iron akind amileste 4-64. 1-240 63 this upto 1 cmd. 1-270 dum uses personally,											
		5	4-61. 1-270 63 cam unto 1 cmd. 1-270 dum ufa ternstudPl.			Ĺ								
		1	s betone	190	200			91233		34	3			
				RO	200			9/9/9	5	28	اعدا			
200		ים	17(1) morcen massive sos 140-170, 1-2% Wildeling as behave. 2% dan vig to by ternished PT, green the assoc siv.		<u> </u>									
		11.	1% day vig to by trinished PY, green the abot out		<u>l</u> .i									
	1			)023	310			41234	3	33	3	i		
216		3:	T(?) continues swip iron spring chaps 1-29062 chips as				** 7.							
		1	Bre, 1-20/6 day Ry germished PY as before.											
	11		<u> </u>	210	220			91235	<u> </u>	15	3			
720		200	of (?) continues, 40%, «1% av 45 1-2% dom as before.											
	! !	13	e geonori trajeto PS phenos (souscentratur?).											
	11		V V 1	330	230			7/136	_ L	(5	4			
	<del>     </del>				<u> </u>									
230		r	b · FOH											
		4												
	<u>                                     </u>				<u> </u>									
	$\sqcup \sqcup$													
्रे १०					}		!			!				



# PETROGRAPHIC REPORT ON SEVEN SAMPLES OF DRILL CUTTINGS FROM FINE-GRAINED NICOLA VOLCANIC ROCKS

Report for:
Andrew Gourlais
MineQuest Exploration Associates Ltd.
5th Floor, 164 Water Street
Vancouver, B.C.
V6B 185.

Invoice attached P.O. # 60987

March 10, 1991.

### 91108: PLAGIOCLASE-BIOTITE PORPHYRITIC DACITE ?FLOW

Fine (1-5 mm) chips of white or light grey "salt and pepper" textured, very fresh volcanic or high-level intrusive rock characterized by black euhedral needles and books of biotite. The rock is not magnetic and does not react to cold dilute HCl; exotic pebbles are common. In polished thin section, the modal mineralogy is as follows:

Plagioclase (oligoclase phenocrysts) 20%
Biotite (phenocrysts) 10%
Quartz (phenocryst fragments) 10%
Matrix (plagioclase, biotite, ?chlorite, ?quartz) 60%
Opaque (magnetite, rare pyrite) <1%

This is a fine-grained volcanic rock composed of euhedral plagioclase and biotite crystals set in a virtually undecipherable fine matrix that is probably made up of similar minerals.

Plagioclase phenocrysts are up to 2 mm long and show complex oscillatory compositional zoning that generally does not vary much in An content, from about An<sub>90</sub> (cores) to An<sub>20</sub> (rims), based on extinction angles of  $\pm 3$  to  $\pm 10$  degrees for X^001. This is oligoclase; however, one crystal shows an extinction angle of Y^010=22 degrees, Z^001=25 degrees, suggesting more calcic andesine, An<sub>40</sub>. Relief of the plagioclase is the same as that of quartz.

Biotite phenocrysts are up to 1 mm long, with deep blackish brown pleochroism. Quartz is difficult to distinguish from plagioclase, but a few grains have uniaxial positive character; these are somewhat rounded to broken phenocrysts of about 0.25 mm diameter.

The matrix consists of plagioclase microlites and tiny biotite crystals up to 0.05 to 0.1 mm long, set in unidentifiable very fine-grained material that averages 25 microns in diameter. The latter may consist of some chlorite and probably some quartz, possibly with some devitrified glass. K-feldspar may also be present, but is too fine-grained to identify; staining might resolve this.

The composition of this rock appears intermediate, in the dacite class. Its fine texture suggests an extrusive flow. Traces of opaque are present as subhedral fractured grains up to 0.2 mm across; they are probably magnetite. Rare 10-15 micron subhedral grains of pyrite are associated with the oxides.

#### 91112: PLAGIOCLASE-PYROXENE PORPHYRITIC BASALT FLOW

This sample consists of 0.5 cm diameter chips of grey, brown weathering fine-grained volcanic rock. The rock is not magnetic and does not react to cold dilute HCl. In polished thin section, the mineralogy is approximately:

Plagioclase (albite-oligoclase)	55%
Clinopyroxene (?augite, partly chlorite altered)	15%
Opaque (hematite)	5%
Sericite (after plagioclase)	5%
Apatite	37
Carbonate (?dolomite)	2%
Matrix (plagioclase, pyroxene, ?chlorite, glass)	157

This is a very much more crowded porphyritic rock than 91108, consisting of abundant plagioclase and lesser pyroxene phenocrysts in a very fine-grained indeterminate matrix. The lack of biotite and quartz phenocrysts indicates a considerably more intermediate to basic rock.

Plagioclase forms euhedral to subhedral phenecrysts up to 1 mm diameter. They do not display the strong oscillatory zoning seen in 91108, probably due to incipient The present composition seems to be about alteration. albite-oligoclase (An<sub>10-15</sub>) based on extinction angles of about 12 degrees for X^001 and up to 13 degrees for Y^010. There is no quartz to compare the refractive index to, but the mild alteration to fine flakes of sericite and rarely carbonate, plus the loss of compositional zoning, suggests this composition is due to alteration of an originally more calcic plagioclase (also suggested by the presence of pyroxene). In places, carbonate forms anhedral grains up to O.5 mm diameter in masses up to several mm across. This may be dolomite, or calcite (if the chips tested with acid did not contain any carbonate).

Mafic phenocrysts are euhedral and up to 0.5 mm in diameter. Some are clear, or very pale greenish, and elongate with extinction angle about 40 degrees, suggesting a clinopyroxene such as augite. Others are octagonal in outline, with fracturing and alteration to a brown amorphous phase or to yellow-green finely fibrous ?chlorite or serpentine suggesting olivine rather than pyroxene, but other grains with this alteration are identifiable as clinopyroxene. On balance, I believe there is only pyroxene in this rock.

Accessories include coarse prismatic grains of apatite up to 0.1 mm long. Opaques are mainly hematite, as rounded to subhedral grains up to 0.3 mm in diameter that may represent martitized former magnetite crystals. Extremely fine (micron-sized) hematite grains in the matrix impart a reddish-purple cast to the rock.

The composition of this specimen is about that of an augite basalt or possibly basaltic andesite, depending on the original composition of the plagioclase. Minor alteration to sericite, carbonate and hematite has occurred.

### 91133: CHIPS OF FINE HEMATITIC ?BASALT AND COARSER ?HIGH-LEVEL, CALCITE ALTERED DIORITE

Finely porphyritic, purple and green volcanic rock chips to 3 cm in diameter, somewhat weathered. The chips are non-magnetic but white veins in them react to cold dilute HCl. In polished thin section, the rock fragments in this specimen are somewhat heterolithic, ranging from finely porphyritic, strongly hematite-stained (purple) probable basalts like 91112, to clear, coarse, variably calcite altered plagioclase rocks. The mineralogy is approximately as follows:

Fine hematitic basalts		Coarse plagioclase diorite	<u> 25</u>
Plagioclase (altered)	50%	Plagioclase (albitic)	65%
Opaque (hematite)	20%	Carbonate (calcite)	15%
Quartz (?secondary)	5%	Chlorite	5%
Epidote	5%	Opaque (hematite-goethite)	5%
Sericite	5%	Clay-sericite	57
Chlorite	5%	?Actinolite	5%
Matrix (unidentified)	5%	Apatite	<1%
?Actinolite	57	•	

Plagioclase in these rocks forms subhedral to euhedral crystals up to 1.5 mm long. The crystals lack compositional zoning, and are mildly altered to clay-sericite, epidote, and calcite. These features suggest that the composition as seen now of about albite-oligoclase (An<sub>10-15</sub>, based on extinction angles Y^010 of about 10 degrees) is not primary but instead due to alteration. The original composition was probably more calcic. Epidote forms small rounded grains up to 0.05 mm diameter in the plagioclase. Calcite forms anhedral fine to coarse (up to 0.7 mm) grains that may replace the whole of a chip.

There are no recognizable mafic phenocrysts in these rocks; a few patches of fine-grained flaky green ?chlorite in both rock types may represent their former presence. The matrix is principally opaque in both rock types, mainly coarse subhedral hematite grains up to 0.5 mm across but including earthy, finely divided hematite. In places there is some secondary-looking quartz making up the matrix as fine chalcedonic grain up to 0.05 mm diameter. Fine needles of a secondary mineral, tentatively identified as actinolite, form felted masses replacing plagioclase in some chips. Euhedral crystals of brownish apatite up to 0.05 mm long are found in the dioritic chips.

Although there is a clear textural difference between the two rock types outlined above, they appear to be compositionally related and are also similar to 91112. The finer, hematitic chips probably represent basaltic flow rocks like 91112 (although clinopyroxene can not be identified in them), whereas the coarser chips look like a high-level intrusive of probable dioritic composition.

# 91161: FINE DIORITIC ?HIGH-LEVEL INTRUSIVE ALTERED TO AND VEINED BY CALCITE-SERICITE-CHLORITE-HEMATITE

Fine purplish volcanic or high-level intrusive rock with thin green (?chloritic) and white (calcite) veins. The rock is magnetic away from the veins. In polished thin section, the modal mineralogy is as follows:

Plagioclase (albitized)	50%
Clay-sericite (after plagioclase)	15%
Chlorite (after mafics)	10%
Carbonate (calcite)	10%
Quartz (secondary)	5%
Epidote	5%
Opaque (hematite, minor magnetite/ilmenite)	37
Apatite	2%

The rock chips making up this sample are of two main types: plagioclase-rich ?fine diorites as described in 91133, and quartz-carbonate ?veins, but gradational examples exist, suggesting that the veins are developed in and by alteration of the diorite.

Plagioclase forms subhedral to euhedral crystals up to 2 mm long that are crowded together, with very little or no matrix between. The grains are moderately to in places strongly altered to sericite, carbonate, and quartz. Twinning extinction angles indicate an albitic composition, but this is not likely to be original; they probably were more calcic. Sericite forms fine subhedral flakes up to 0.05 mm long; carbonate forms anhedral grains and aggregates up to 0.3 mm across.

Minor mafic minerals originally present interstitial to the plagioclase have been replaced by a mixture of chlorite that has moderate green pleochroism and carbonate. It forms radiating aggregates up to 0.5 mm across, of 0.05 mm flakes. Minor epidote as subhedral aggregates up to 0.2 mm across, sericite and opaques are associated with these patches. The opaques include hematite as euhedral flakes to subhedral laths up to 0.1 mm long, mixed in places with leucoxene. The hematite forms exsolution laths in what probably originally were magnetite—ilmenite intergrowths up to 0.3 mm across. A few remnants of isotropic magnetite are found at cores of these grains. There is no sulfide present in this rock, in spite of the veining. Large euhedral apatite crystals are up to 0.4 mm long.

Highly altered (?veined) rock is composed of euhedral lath-shaped grains of secondary quartz up to 1 mm long, cemented by subhedral calcite up to 0.5 mm in diameter.

The host rock in this sample appears to have originally been a tightly interlocking aggregate of euhedral plagioclase with minor interstitial mafic and Fe-Ti oxide material, more like a fine dioritic sill than an extrusive volcanic. Moderate propylitic alteration is not accompanied by sulfide mineralization.

## 91188: FINE PLAGIOCLASE-?PYROXENE PORPHYRITIC ANDESITE ?FLOW ALTERED TO SERICITE-CHLORITE-HEMATITE

Purple fine-grained volcanic rock, non-magnetic. White veins react to cold dilute HCl; minor amounts of blackish ?chalcocite and surrounding green ?malachite noted in the bag of drill cuttings. In polished thin section, the mineralogy of the dominant rock type (the others are highly rust-stained and are probably exotic pebbles that have fallen into the hole) is composed of:

Flagioclase (albitized phenocrysts)	50%
Chlorite (after mafics)	10%
Opaques (hematite)	10%
Clay-sericite (after plagioclase)	10%
?Quartz (secondary)	3%
Apatite	27.
Matrix (fine plagioclase, chlorite, opaques)	15%

This is similar to 91112 and some chips in 91133: a finely porphyritic, hematite-stained volcanic rock composed of plagioclase and minor mafic relict phenocrysts set in a fine matrix of the same minerals, with scattered microphenocrysts of opaque after former Fe-Ti oxides.

Plagioclase forms subhedral to euhedral crystals up to 0.7 mm long that are strongly converted to an albitic composition accompanying mild to moderate sericitization. The plagioclase probably was originally more calcic. Patches of a very fine-grained ?clay mineral and recognizable sericite (muscovite) as subhedral flakes up to 0.025 mm in diameter replace up to 30% of individual plagioclase grains. A weakly seriate texture is formed by progressively smaller crystals down to microlites in the matrix.

Former mafic crystals are represented by areas of chlorite and sericite with subhedral elongated outlines suggestive of ?pyroxene crystals. These areas are up to 1 mm across, formed of chlorite as subhedral flakes up to 0.05 mm in diameter.

The matrix is not decipherable, being too fine-grained for optical determination, but is probably mainly plagioclase microlites, with interstitial chlorite, clay, and possibly minor secondary quartz.

Opaques are subhedral to rounded aggregates up to 0.25 mm in diameter, composed of fine hematite grains of 25-50 micron size. Occasional euhedral lath-shaped hematite up to 0.3 mm long is also found, and fine earthy hematite is present in the matrix of the rock. No sulfide is present; the copper oxide minerals seen in hand specimen are not seen in thin section.

In summary, this is a plagioclase-possibly pyroxene porphyritic fine volcanic rock, probably of about andesitic (or basaltic andesite) composition. It has undergone mild propylitic alteration to sericite, chlorite and hematite.

## 91212: FINE PLAGIOCLASE-?FYROXENE PORPHYRITIC, POSSIBLY ANDESITIC VOLCANIC FLOW ALTERED TO SERICITE-CHLORITE-CALCITE

Fine purple volcanics with green chloritic and white calcite veins (reaction to cold dilute HCl). The rock is not magnetic. In polished thin section, the modal mineralogy is approximately:

Clay-sericite (after plagioclase)	45%
Chlorite	15%
Plagioclase (albitized relict phenocrysts)	10%
Carbonate (calcite)	10%
Opaque (hematite)	10%
Quartz (secondary)	5%
Apatite	3%
Ilmenite, leucoxene	2%

Most of the chips in this sample are composed of relict plagioclase laths up to 2 mm long set in a variably chloritized and sericitized matrix, with scattered hematite pseudmorphs after ?magnetite. Some chips are almost entirely composed of secondary quartz and carbonate, presumably from veins in the altered host rock.

Plagioclase is mainly pseudomorphed by fine claysericite as subhedral flakes up to 0.025 mm long. In places, however, it has been converted to albite  $(Y^010 = 17 degrees)$ .

In places there are octagonal outlines of former mafic crystals up to 2 mm across, suggestive of pyroxene crystals. They are now completely pseudomorphed by fine chlorite ± clay-sericite and some calcite, secondary quartz and opaques (hematite mainly). The chlorite has only pale green pleochroism, implying low Fe content.

Accessory minerals include ewhedral prismatic apatite up to 0.25 mm long and subhedral hematite up to 0.3 mm across. Lath-like exsolution intergrowths suggest they are probably after former microphenocrysts of Fe-Ti oxides. No sulfides are present in spite of the veining and strong alteration.

The matrix is strongly altered to fine (10-20 micron diameter) sericite, carbonate, chlorite and hematite, with possible minor quartz in places. Veins are areas of intense, coarser-grained carbonate (calcite) and quartz up to 0.5 mm across, or else fine-grained aggregates of the same minerals.

In summary, this is also a fine porphyritic basalt or andesitic basalt that has undergone moderate to strong propylitic-phyllic alteration to sericite, carbonate, quartz and lesser chlorite-hematite.

## 91230: PLAGIOCLASE-?PYROXENE PORPHYRITIC, POSSIBLE ANDESITIC VOLCANIC FLOW ALTERED TO SERICITE-CALCITE-CHLORITE-HEMATITE

More coarsely porphyritic purple volcanic flow rock characterized by white plagioclase phenocrysts to 1 mm. Thin green and white (chlorite and calcite) veins cut the rock, which react to cold dilute HCl. The rock is not magnetic. In polished thin section, the modal mineralogy is approximately as follows:

Plagioclase (albitized)	30%
Sericite (muscovite)	30%
Carbonate (calcite)	20%
Opaque (hematite)	10%
Chlorite	5%
Quartz (secondary?)	3%
Apatite	2%

As in other samples of this suite, this rock consists primarily of relict plagioclase and lesser mafic phenocrysts set in a relatively minor amount of fine matrix. Both matrix and phenocrysts are altered in this specimen.

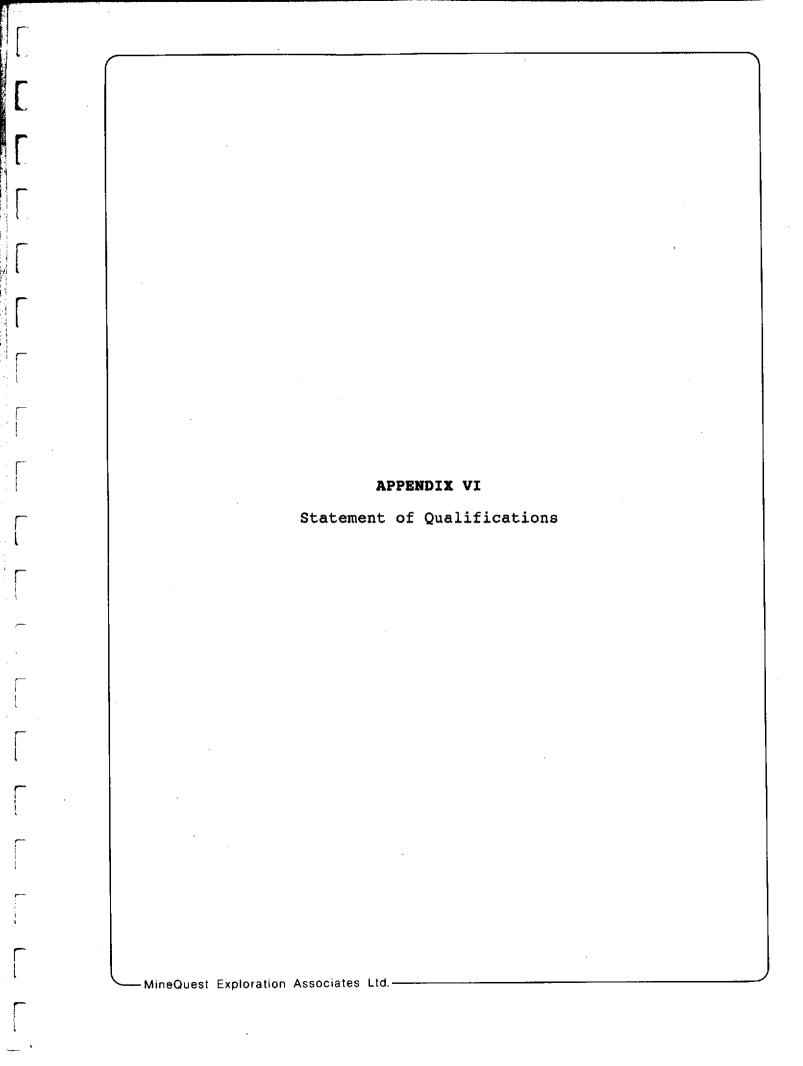
Subhedral to euhedral plagioclase phenocrysts are up to 1 mm long and are either clear (albitized:  $Y^010 = 16$  degrees,  $Z^001 = 10$  degrees,  $An_{S-10}$ ) or are pseudomorphed by fine flakes of sericite and carbonate (25-50 micron diameter).

Former mafic sites are rectangular in outline and up to 0.75 mm long. They are now completely pseudomorphed by muscovite as subhedral flakes up to 0.3 mm long, carbonate as anhedral grains up to 0.2 mm long, and fine opaques that include hematite and possibly minor ?rutile. The coarse interleaving of muscovite suggests the possible former presence of biotite, but in view of the character of the other pseudomorphs (octagonal outlines) suggesting pyroxene, it is not likely. Apatite crystals are subhedral and up to 0.3 mm long; they are characteristically stained bright red by fine hematite dust.

Opaques are mainly subhedral microphenocrysts of hematite up to 0.3 mm across that contain relict exsolution lath textures indicative of former magnetite/ilmenite intergrowths. There is also fine earthy hematite present in the matrix of the rock, as 5-10 micron sized particles. There are no sulfides.

The matrix is heavily altered to fine sericite and carbonate; in places there is also appreciable chlorite, as fine anhedral flakes up to 15 microns in diameter. The chlorite is magnesian (no pleochroism or anomalous birefringence). There may be minor quartz (secondary).

This rock appears to be similar to other plagioclase-?pyroxene porphyritic volcanic ?flow rocks in this suite, possibly andesitic or basaltic andesite in composition. It has undergone significant phyllic alteration (sericite-carbonate ± chlorite-hematite), but there is no sulfide mineralization.



### APPENDIX VI

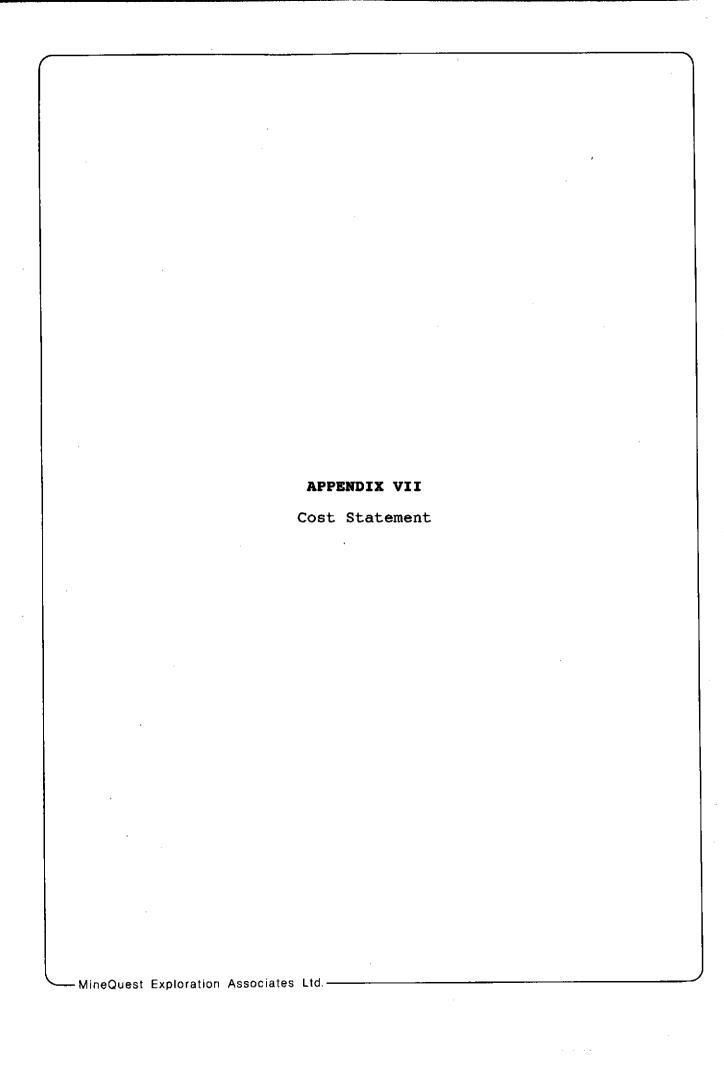
### STATEMENT OF QUALIFICATIONS

- I, Andrew W. Gourlay, hereby certify that:
- 1. I am presently employed by MineQuest Exploration Associates Ltd. as Senior Geologist.
- 2. I am a graduate of the University of British Columbia (B.Sc. Hons., 1977, in geology).
- 3. I am a Professional Geologist in good standing with the Association of Professional Engineers, Geologists and Geophysicists of Alberta, and a Fellow of the Geological Association of Canada.
- 4. I have practised my profession as geologist for 13 years.
- 5. The information used in this report is based on reports, maps, and data lists on file at MineQuest Exploration Associates Ltd. and personal familiarity with the period area.

Signed

Andtev W. V.Gourla

Dated at Vancouver C this 1st day of April, 1991

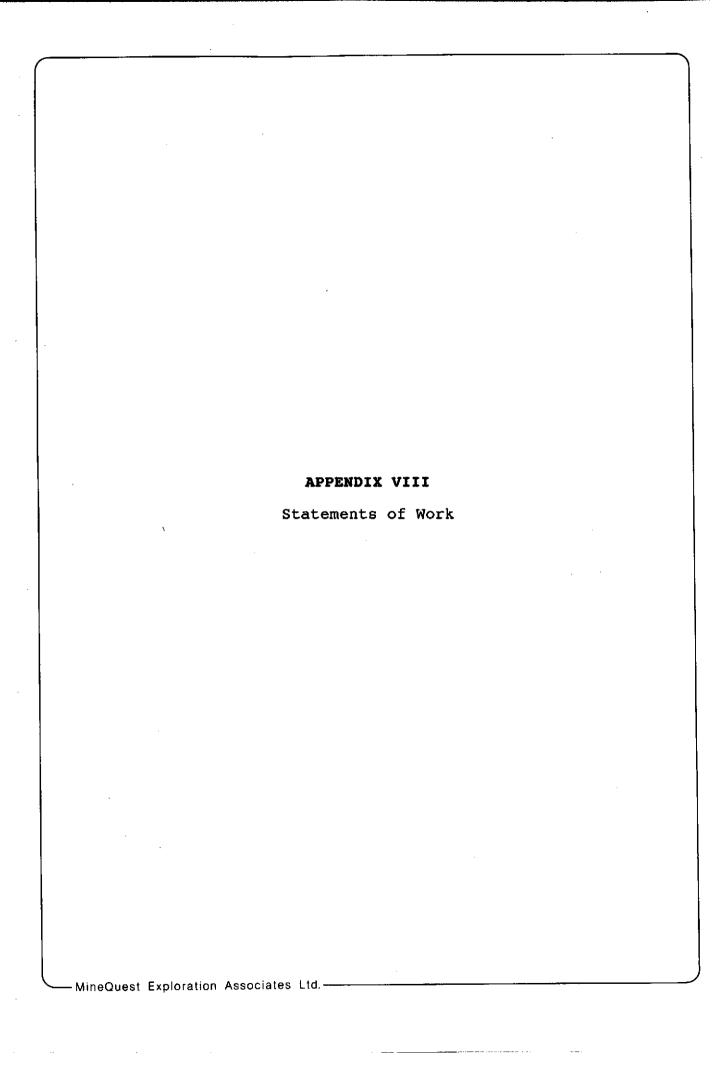


## APPPENDIX VII

Cost Statement
For The Period February 1 to March 31, 1991

A.W. Gourlay G. Vernon	2.50 hrs. 52.75 hrs. 14.50 days 30.75 hrs. 15.00 days .25 hrs.	@ \$ 75.00 @ \$450.00 @ \$ 43.00 @ \$260.00	\$ 240.00 3,956.25 6,525.00 1,322.25 3,900.00 16.00	\$15,959.50
Temporary Staff C. Donders M. Steiner A. Wardwell	35.25 hrs. 6.00 days 6.00 days	@ \$180.00	\$1,269.00 1,080.00 1,080.00	\$15,959.5 <b>0</b>
maraworr	0.00 44,0	. 7200.00		3,429.00
GST on Fees				1,357.20
Disbursements Analysis Bulldozing Courier Drilling Equipment Renta Food and Accomm Freight Fuels and Lubri Groceries Legal Rental Vehicles Reprographics Storage Supplies Taxi/Busfare/Pa Telecommunicati GST on Disburse	cants  rking ons		\$ 2,400.00 1,489.60 42.45 26,445.00 1,456.30 1,825.73 543.62 742.21 315.83 160.00 2,120.90 152.24 20.00 1,695.02 107.61 307.94 2,607.14	
Total Disbursem 10% on Disburse GST on 10%			\$42,431.59 4,243.17 297.02	
				46,971.78
MineQuest In-Ho Photocopies	ouse Charges	i		71.85
				\$67,789.33

— MineQuest Exploration Associates Ltd.





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

		Mineral Ten Sections 25,					RECORDER	
	STATE	EMENT OF WORK	- CASH PAYMEN	٧T		M:	Y 2 4 1991	Q
ln	dicate type of title		Mineral (Mineral or Placer)				COUVER, B.C	1930
М	ining Division	***************************************	Nicola				RECORDING STAM	Р
	George Ver	non		Age	nt for MineQu	est Explora	ation Assoc	iates Ltd.
	500 - 220	Cambie Street			500 -	(Name)(s)	oie Street	t
	Vancouver,	(Address)			Vanco	ouver, B.(		
	(604) 669-225		TYCD 1D5		04) 669-2			
	(Telephone) Valid subsisting FM	MC No. 304993	(Postal Cope)	() Vali	einphone) d subsisting l	FMC No.	308074	118537
	FMC Code	VERNON	127863		C Code			
S	TATE THAT: (NOTE:	If only paying cas	sh in lieu, turn to	reve	rse and com	plete colum	ns G to J an	d Q to T.)
1.	. I have done, or car	used to be done, w						
'	Record No(c)	2242, 2255, 2	249					Claim(s)
	Work was done fro	m January 1		991	, to!	March 31		, 19 <sup>91</sup> ;
		ompliance with Sec	-	-				
			[]	~~~	1011070 7101 (4)			
	Section 19(3) of th	e Regulation YE	s x NO					
Γ	I hereby request the	nat the claims listed	d in Column G on	this S	Statement of '	Work be Gro	uped and I co	onfirm that
Ì	•						,	i .
	all claims listed ar FEE — \$10.00	e comiguous 12.	3 X NO					٠,
L	722. \$10.00							
			TYPE O	-				
		n as trenches, open cut er section 13 of the Reg						
	PROSPECTING: Detail only	lls as required under se be claimed once by the	ection 9 of the Regulat e same owner of the c	lions m ground	ust be submitted , and only durin	d in a technical g the first three	report. Prospect years of owners	ing work can ship,
		HYSICAL, GEOCITEMIC ugh 8 (as appropriate) c		ils mus	t be submitted i	n a technical rep	port conforming	to sections 5
	anda	ENT CREDIT (PAC) WIT for drilling work on this value on this statemer	statement may be with					
Ī		TYPE OF WORK			V	ALUE OF WOR	· · · · · · · · · · · · · · · · · · ·	
	(Specify Physical (	include details), Prospe	cting, Geological, etc.	)	Physical	*Prospecting	*Geological etc.	]
ſ								
	Geologi						\$ 42,500	
1	(Reports	to follow)						
ļ		***************************************						ĺ
			TOTALS	 3	A +	B +	C <sub>\$42,500</sub> =	D <sub>\$ 42,500</sub>
	PAC WITHDRAWAL	_ — Maximum 30% d	of Value in Box C O	nly	· · · · · · · · · · · · · · · · · · ·	<u> </u>	E	E
	from account(	s) of				<del>" " " " " " " " " " " " " " " " " " " </del>	TOTAL,	F\$ 42,500
		Name Rayrock Ye	llowknife Resou	rces	Inc.			, , , , , , ,
٠	<ul> <li>Who was the operator (provided</li> </ul>	Address 500-30 Sor						
	the financing)?	Toronto, Ont.	hone: (416) 489-	0022	I .	amount in Box plete as requir		de of form ·

M26:2024

and complete as required.

DOCUMENT No. OFFICE USE ONLY.

\$ 42,500

I WISH TO APPLY \$ \_\_18,800 OF THE TOTAL VALUE FROM BOX F AS FOLLOWS:

Columns G through P inclusive MUST BE COMPLETED before work credits can be granted to claims. Columns G through J and Q through T inclusive MUST BE COMPLETED before a cash payment or rental payment can be credited. Columns not applicable need not be completed.

Cash Payment

CLAIM 1D	ENTIFICATION					APPLICATION OF WOR	K CREDIT			CASH	IN LIEU OF W	ORK OR LEAS	SE RENTAL
G	Н	1	J	K	L	M	N	0	Р	Q	R	S	T
CLAIM NAME	RECORD No.	No. OF	CURRENT	OT XROW	BE APPLIED	Recording Fees	PRIOR DICESS CREDIT	NEW	EXCESS CREDIT	C/L	RECORDING	LEASE	NEW
(one claim/lease per line)	RECORD NO. UNITS' EXPIRY DATE VALUE YEARS SENG USED EXPIRY DA	EXPIRY DATE	REMARKING		FEE	RENTAL	EXPIRY DATE						
ZIG 2	2242	20	13/08/92	6,000	2	300	1	32/00/04		,			
ZIG 4	2255	1	08/09/92	6,000	2	300		13/08/94 08/09/94					*******************
ZIG 6	2389		24/05/91	2,000	2	100		24/05/93					
ZOL 1	2249	12	18/08/92	3,600	2	180		18/08/94					
ZUL 3	2358 2328 Sur	04	15/02/93	1,200	2	60		15/02/95		<b></b>			
						• • • • • • • • • • • • • • • • • • • •							
									-				
						· · · · · · · · · · · · · · · · · · ·	ļ						***************************************
							ļ						
ICE TO GROUP No	RECORDE			18,800 TOTAL OF K		940 TOTAL OF M				TOTAL OF Q	TOTAL OF R	TOTAL OF S	

have of work to be credited to portable assessment credit (PAC) account(s). (May only be credited from the approved value of Box C not applied to claims.) Amount , Rayrock Yellowknife Resources Inc. \$ 11,850 e of 2 MineQuest Exploration Associates Ltd. \$ 11,850 r: operator

I, the undersigned Free Miner, hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the Mineral Tenure Act. I further acknowledge and understand that if the statements made, or information given, in this Statement of Work - Cash Payment are found to be false and the exploration and development has not been performed, as alleged in this Statement of Work — Cash Payment, then the work reported on this statement will be cancelled and the subject mineral claim(s) may as a result, forfeit to and vest back to the Province.



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

Mineral Tenure Act Sections 25, 26 & 27

Gectio	113 25, 20 G 27			IAY 2 4 199	1	l
STATEMENT OF V	WORK — CASH PAYMENT		1 1	44 8		
ndicate type of title	Mineral (Mineral or Placer)	**************		NCOUVER, B.		
Mining Division	Nicola			RECORDING STAN	4P	
, George Vernon		gent for	Quest Explo			٠
500 - 220 Cambie		500	/NamaVe	bie Stree	t	
(Address) Vancouver, B.C.			ouver, B.	Ċ.		
(604) 669-2251		604) 669-2	2251	V	6B 1B5	
(felephone) Valid subsisting FMC No	104993 12793 V	(Telephone) alid subsisting	EMC No.	308074	Postal Code	_
FMC Code VER	ハイ・ル (137063)	MC Code				
STATE THAT: (NOTE: If only payl	ing cash in lieu, turn to rev	erse and cor	npiete colum	ins G to Jar	nd Q to T.)	
1. I have done, or caused to be d	one, work on the ZIG	1, ZIG 3				
_ 2244. 22	243				Claim(s	)
Record No(s). 2244, 22 Work was done from Janua	ary 1 , 19 9	l , to <sup>Mar</sup>	ch 31		, 19 91	;
and was done in compliance w	ith Section 50 of the Minera	l Tenure Act a	ınd ·			•
Section 19(3) of the Regulation	YES X NO					
						_
I hereby request that the claim	s listed in Column G on this	Statement of	Work be Gro	uped and I c	onfirm that	ļ
all claims listed are contiguous	YES X NO					Ì
FEE - \$10.00						I
	TVDE OF MIC	NDIZ.			· · ·	L T
PHYSICAL: Work such as trenches, or	TYPE OF WO pen culs, adils, pits, shalts, reclam		ruction of roads	and trails Detail	s as required	Ì
under section 13 of	the Regulations, including the map	and cost staten	nent, must be gi	ven on this state	ement.	
PROSPECTING: Details as required u only be claimed onc	nder section 9 of the Regulations e by the same owner of the groun	must be submitte d, and only durir	ed in a technical ng the first three	report. Prospect years of owners	ing work can ! ship.	
GEOLOGICAL, GEOPHYSICAL, GEO through 8 (as appro	CHEMICAL, DRILLING: Details mu priate) of the Regulations.	ist be submitted	in a technical re	port conforming	to sections 5	
PORTABLE ASSESSMENT CREDIT (PA and/or drilling work work value on this s	on this statement may be withdraw					٠
			ALUE OF WOR		 	_
TYPE OF V (Specify Physical (include details),		Physical	ALUE OF WOR	*Geological	٠	
(Specify 1 Hysical (Micidus details),	Prospecting, deological, etc.)	Pilysical	*Prospecting	elc.		
A1						
( reports to follo				\$ 42,500	,	
( James Horas	<b>6.</b>					
	TOTALS	A +	B +	C\$ 42,50€	D\$ 42,500	
PAC WITHDRAWAL — Maximum	30% of Value in Box C Only			E ->-	Ε	_
from account(s) of				TOTAL	F \$ 42,500	-
* Who was the Name Rayro	ck Yellowknife Resource:	Inc.				
	<del></del>	1				

DOCUMENT No. OFFICE USE ONLY

SUB-RECORDER RECEIVED

the financing)?

operator (provided

Address 500-30 Soudan Ave.

Toronto, Ont. Phone: (416) 489-0022

Transfer amount in Box F to reverse side of form

and complete as required.

42,500

I WISH TO APPLY \$ 19,400 OF THE TOTAL VALUE FROM BOX F AS FOLLOWS:

Columns G through P inclusive MUST BE COMPLETED before work credits can be granted to claims. Columns G through J and O through T inclusive MUST BE COMPLETED before a cash payment or rental payment can be credited. Columns not applicable need not be completed.

	CLAIM IDENTIFICATION					APPLICATION OF WOR	K CREDIT	<u> </u>		CASH I	N LIEU OF W	ORK OR LEA	SE RENTAL
G	Н		J	K	į	М	N	0	Р	Q	R	S	T
CLAIM NAME (one claim/lease per	fine) RECORD No.	No. OF UNITS*	CURRENT EXPIRY DATE	WORK TO VALUE	BE APPLIED YEARS	Recording Fees	PRIOR DICESS CREDIT	NEW EXPIRY DATE	EXCESS CREDIT	C/L	RECORDING FEE	LEASE RENTAL	NEW EXPIRY DATE
		-	<del>   </del>	<u> </u>	†		BEING USED		REMAINING	<u> </u>			
√ZIG 1	2244	20	12/08/92	6,000	2	300		12/08/94	. , . ,	, , , , , , , , , , , , , , , , , , , ,		-	
zIG 3	2243	20	12/08/92		. 2	300		08/09/94	[				
ZIG 5	2256	12	23/09/92	3,600	2	180		23/09/94	,				
√ZIG Fr.	2458	. 01	22/09/91	200		10		22/09/93		.,			
√ZUL 2	2250	12	17/08/92	3,600	2	180		17/08/94					
7					. <b> </b>		. <b></b>						
			ļ					***************					
													• • • • • • • • • • • • • • • • • • • •
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							<b></b>						
								• • • • • • • • • • • • • • • • • • • •				•••••	
									,-,-,-				· · · · · · · · · · · · · · · · · · ·
								************			**********	**********	
									,				
				***************************************									
													<u> </u>
	· · · · · · · · · · · · · · · · · · ·			19,400		970							
NOTICE TO GROUP No	RECORD	ED		TOTAL OF K 2 POST, FRACTION, MEY, AND PLACER CLAIM ARE	]	TOTAL OF M	]			TOTAL OF Q	TOTAL OF R	TOTAL OF S	

	be credited to portable assessment credit (PAC) account(s). credited from the approved value of Sox C not applied to claims.	·
	Name	Amount
Name of	Rayrock Yellowknife Resources Inc.	11,550
cwner/operator	2 MineQuest Exploration Associates Ltd.	11,550
	3	

I, the undersigned Free Miner, hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the Mineral Tenure Act. I further acknowledge and understand that if the statements made, or information given, in this Statement of Work — Cash Payment are found to be false and the exploration and development has not been performed, as alleged in this Statement of Work — Cash Payment. ment, then the work reported on this statement will be cancelled and the subject mineral claim(s) may as a result, forfeit to and vest back to the Province.



\_\_,0

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

MINERAL RESOURCES DIVISION - TITLES BRANCH

DOCUMENT No.		
	OFFICE USE ONLY	

Mineral Tenure Act SECTION 28

# **NOTICE TO GROUP**

INDICATE TYPE OF TITLE Mineral (Mineral or Placer)\*

SUB-RECORDER RECEIVED	
MAY 2 4 1991 M.R. # 41 \$ 1930	00
VANCOUVER, B.C.	W
RECORDING STAMP	

		· · · · · · · · · · · · · · · · · · ·				
George Vernon		Agent for MineQuest Exploration Associates L				
(Name)	The state of the s	(Nan				
500 - 220 Camb	oie Street	500- 220	Cambie Street			
(Address) Vancouver, B.C	•	(Addr Vancouvei	ess)			
(604) 669-2251	V6B 1B5	(604) 669-2251	V6B 1B5			
(Telephone)	(Postal Code)	(Telephone)	(Postal Code)			
Valid subsisting FMC No. 30	14993	Valid subsisting FMC No	308074			
FMC Code VERNG		FMC Code	MINEXA			
request that the following mine	eral titles be grouped un	der group name ZIG EAS	ST 1991-1			
Mining Division Nicol	.a	Man No 92 H/1	L5E			

Name of Claim	No. of Units	Title Number
ZIG 1	20	2244
ZIG 3	20	2243
ZIG 5	12	2256
ZIG Fr.	01	2458
ZUL 2	12	2250
		· · · · · · · · · · · · · · · · · · ·
	•	

Name of Claim	No. of Units	Title Number
		77 1 2 11 11
NATIVE CAVE		
		<del></del>

(Signature of Applicant)



## **Province of British Columbia**

Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION — TITLES BRANCH

,			
DOCUMENT No			i
	OFFICE USE	ONLY	

SUB-RECORDER

RECEIVED

MAY 2 4 1991

VANCOUVER, B.C.

Mineral Tenure Act SECTION 28

# **NOTICE TO GROUP**

RECORDING STAMP George Vernon MineQuest Exploration Associates Ltd. Agent for ... 500 - 220 (Name) bie Street 500 - 220 Cambie Street (Address)
Vancouver, B.C. (Address) Vancouver, B.C. (604) 669-2251 V6B 1B5 (604) 669-2251 V6B 1B5 (Telephone) (Telephone) (Postal Code) (Postal Code) Valid subsisting FMC No. Valid subsisting FMC No. 308074 FMC Code VERNGW MINEXA FMC Code request that the following mineral titles be grouped under group name ZIG WEST 1991-1

Mineral

(Mineral or Placer)\*

Name of Claim	No. of Units	Title Number
ZIG 2	20	2242
ZIG 4	20	2255
ZIG 6	10	2389
ZUL 1	12	2249
ZUL 3	04	2328 SUV <del>2358</del>

Nicola

INDICATE TYPE OF TITLE

Mining Division

Name of Claim	No. of Units	Title Number
		<del></del>
		<del>,_</del> .

Map No. 92 H/15E

Seorge UA De \_\_\_\_\_

