

Assessment Report on Mineral
Claims In 161 and 163
Of the OK Property
Vancouver Mining Division

92-K-2E

50° North Latitude

124° 40' Longitude

Owner Of Claims: Robert E. Mickle
Mary V. Boylan
Powell River

Operator: Western Mines Limited
#1103-3 Bentall Centre
Vancouver

Authors: Peter Mason
Willis Osborne

April 25, 1978

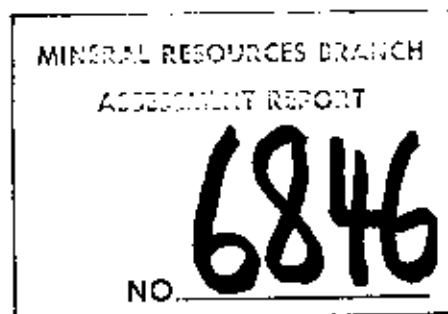


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SUMMARY

Mapping on the OK Property between grid lines 170N and 202N in the autumn of 1977 and logging of core from three diamond drill holes from the source area indicate low grade copper and minor molybdenum mineralization in granodiorite along a porphyritic quartz monzonite dike and to a lesser degree within the dike itself. The dike and the zone of mineralization appear to terminate north of line 198N.

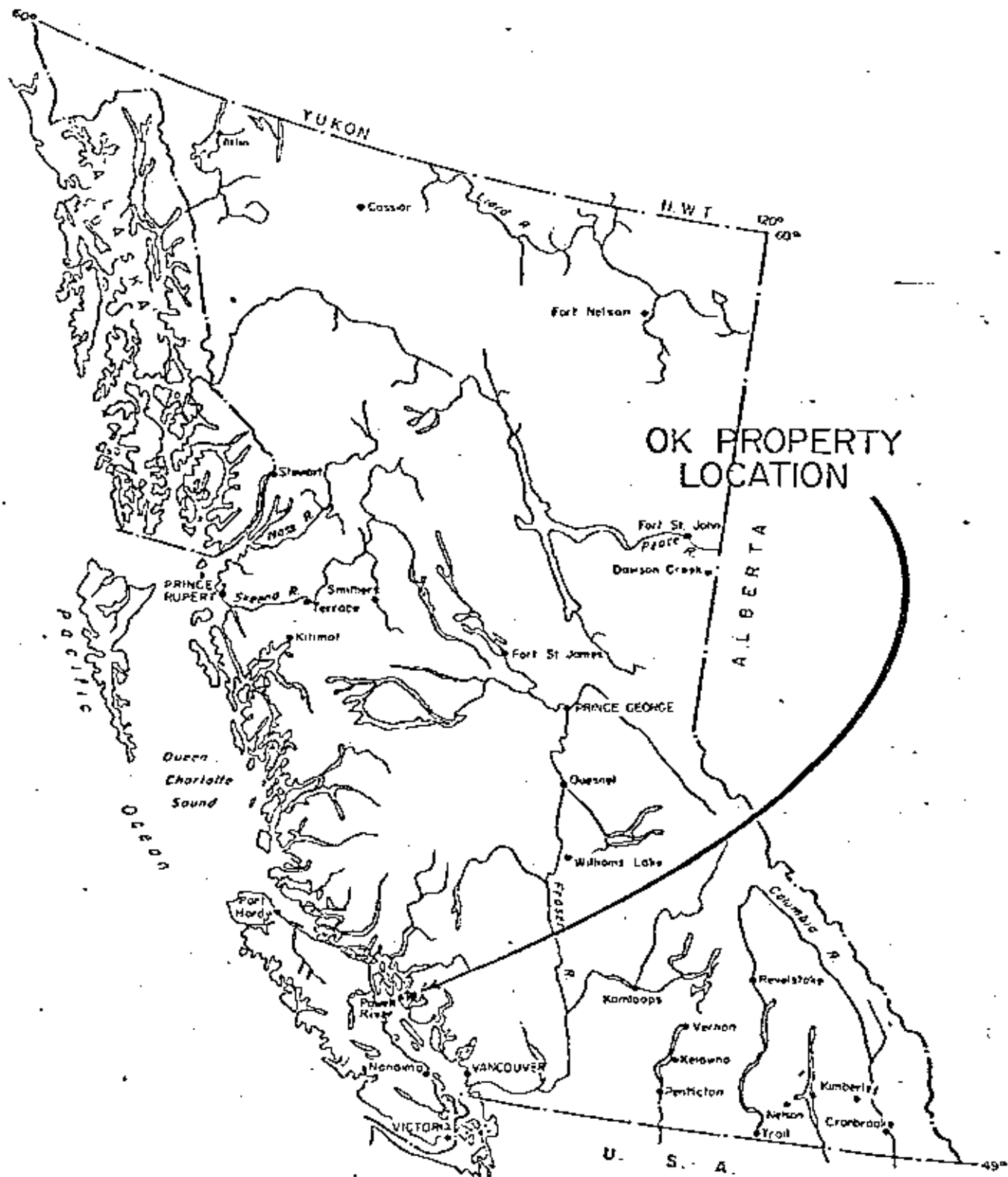
The discontinuation of this dike and mineralization as well as the low grade of mineralization in the area do not support the continuation of major programs under present economic conditions.

LOCATION OF PROPERTY

The OK Property consisting of 344 claims and fractions is located 20 kilometers north-northwest of Powell River, B. C., in the Vancouver Mining Division. Maps I and II show the location.

OWNERSHIP OF PROPERTY

This property is under option by Western Mines Limited from Granite Mountain Mines, who, in turn, have an option agreement on it with the owners, M. V. Boylan and R. Mickle, both of Powell River.

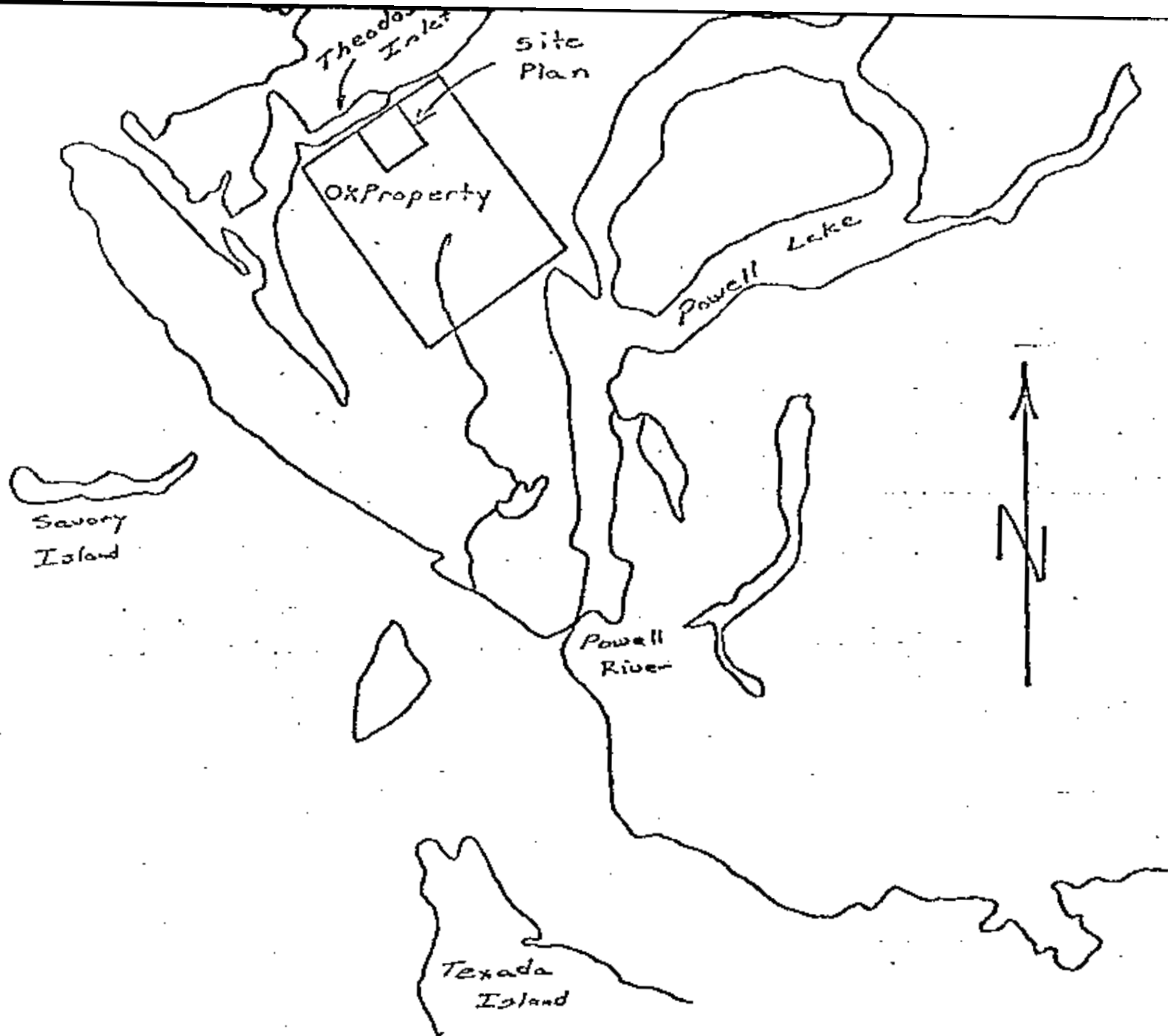


WESTERN MINES LIMITED
 LOCATION MAP

SCALE: 1" = 136 Miles

MAP No. 6M-31

JULY 1, 1974



Western Mines Limited

OK Claims Location

Vancouver Mining
Division

Scale 1" = 4 miles

July 1977

WORK COMPLETED

Work done by Western Mines in 1977 included road building, 1,995 feet of diamond drilling, geological mapping and limited soil sampling. This report is concerned with the geology as deduced from mapping and core logging. The area mapped is approximately 760 by 1,040 meters and is located in the northwestern part of the property on the upper part of the slope into Theodosia Inlet between grid lines 170N and 202N. A total of 23 1/4 days were spent in September, October and November mapping, logging core, preparing maps and reports and travelling between Vancouver and the property.

GENERAL GEOLOGY

Geologically the area consists of granodiorite in contact with an older diorite-gabbro-andesite-basalt complex to the east and diorite to the southwest. The granodiorite is cut by a north-northwest striking, porphyritic quartz monzonite dike which varies in width from 60 to 110 meters. This dike becomes more basic and finer grained to the north where it is porphyritic diorite. It also narrows beyond line 198N and probably ends shortly after.

Granodiorite and quartz monzonite are both cut by numerous dikes composed of fine-grained diorite and andesite. The fine-grained diorite dikes have in turn been intruded by later andesite dikes.

ALTERATION

Propylitic alteration, sericitization and silicification all occur within granodiorite along the porphyritic quartz monzonite dike. Alteration terminates near line 198N.

STRUCTURE

The mapped area is cut by one large eastwest fault at which the rock to the north is offset to the west. Some brecciation, as seen in DDH 77-3, occurs in granodiorite near the quartz monzonite. A stockwork of barren quartz veins covers roughly the same area as the alteration mentioned above.

MINERALIZATION

Pyrite, chalcopyrite and some molybdenite occur in granodiorite along quartz monzonite and to a lesser degree within quartz monzonite. Pyrite is in quartz veins, along fractures with chlorite and disseminated. Chalcopyrite and molybdenite are in quartz veins, quartz veins with sericite, sericite blebs and in disseminated faces. Mineralization decreases sharply north of line 198N.

Analyses of sections of core for copper indicated low grade in which the bulk of samples ran less than 0.20 Cu with the highest at 0.31 Cu. Little molybdenum occurs.

CONCLUSIONS

The apparent discontinuation of the quartz monzonite dike to the north and the low grade of copper mineralization on the zone examined as well as on the rest of the property do not support any new major program on the property as long as economic conditions in the copper industry remain so depressed.

1

DIAMOND DRILL LOGS

DDH 77-1

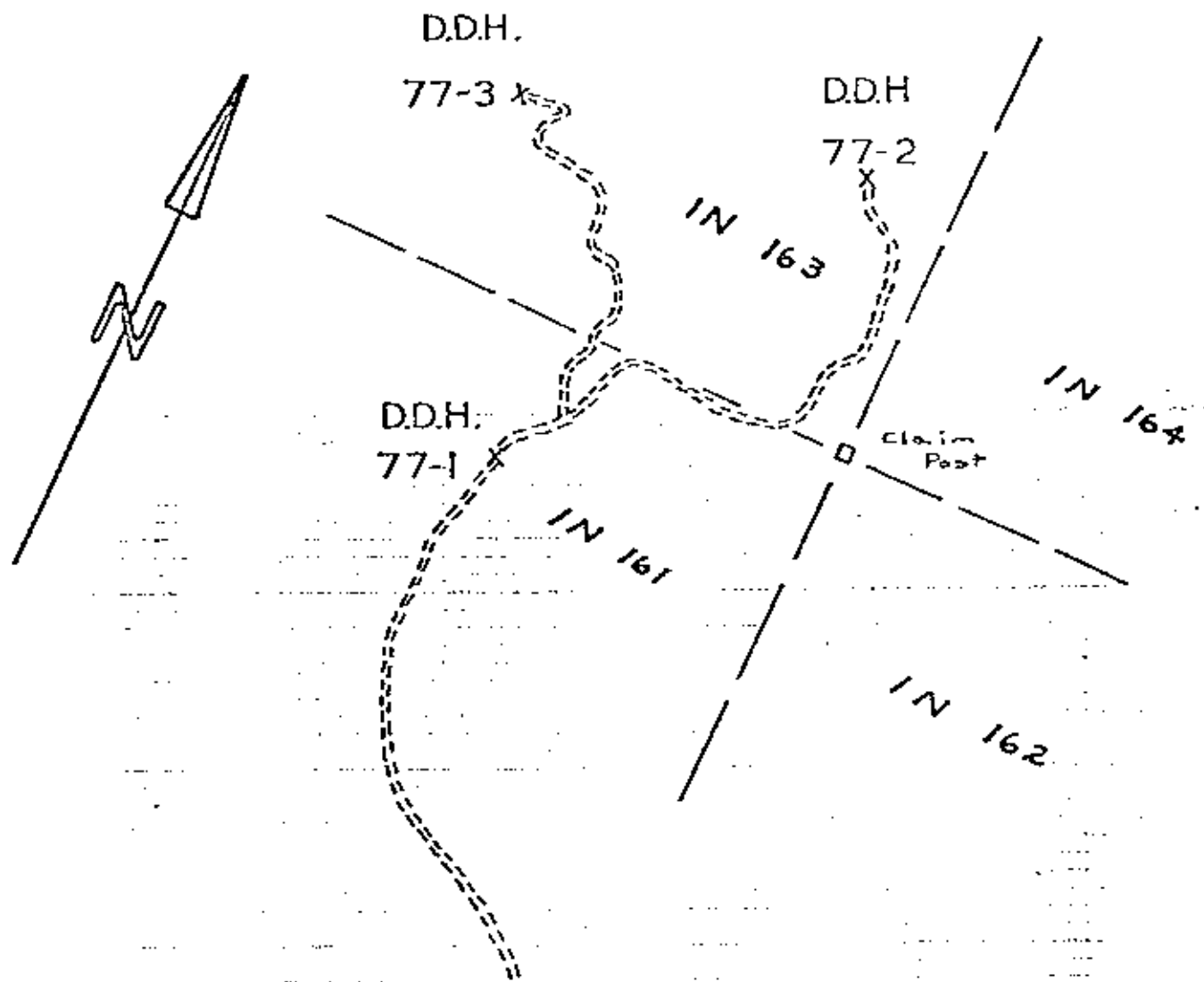
0 - 10	Overburden
10 - 194	Granodiorite with small andesite dikes
194 - 221	Andesite
221 - 338	Granodiorite
338 - 360	Fine grained diorite and andesite
360 - 439	Granodiorite
439 - 458	Fine grained diorite and andesite
458 - 645	Granodiorite

DDH 77-2

0 - 36	Overburden
36 - 347	Porphyritic quartz monzonite
347 - 406	Porphyritic andesite
406 - 420	Porphyritic quartz monzonite
420 - 458	Granodiorite
458 - 480	Fine grained diorite and andesite
480 - 605	Granodiorite

DDH 77-3

0 - 12	Overburden
12 - 135	Granodiorite
135 - 185	Fine grained diorite and andesite
185 - 392	Granodiorite
392 - 420	Fine grained diorite and andesite



WESTERN MINES

OK Property 92-K-2E
 Vancouver Mining Division

77-1 69+70E. 181+70 N.

77-2 78+00E. 188+00 N

77-3 70+20E. 190+00 N

Scale: 1"=400' Nov. 1977

Summary Of Exploration Costs applied for Assessment Work
(details next page)

Assays - 130 samples for Cu. & Mo.	\$479.00
Bulldozing - Road and Drill Site Preparation	\$4,869.00
Diamond Drilling - (608.1 meters)	\$37,200.00
Site Personnel -	\$9,086.00
Subsistence -	\$1,793.00
Transportation -	\$991.00
TOTAL	\$54,418.31

Additional Cost For Assessment Work
applied under Geological on Affidavit
for Application to Record Work

(A) Wages

August - P.T. Mason	1193.12	
A.W. Randall	693.86	
D. Spencer	401.63	
		2288.61
Sept - P.T. Mason	1911.80	
A.W. Randall	307.21	
D. Spencer	285.60	
		2504.61
Oct - W. Osborne	1155.00	
P.T. Mason	1223.55	
D. Spencer	512.04	
		2890.59
Nov - W. Osborne	1402.50	
		1402.50
	Total	\$9086.31

(B) Room and board - Period from
Aug 15 to Oct 26, 1978 \$1793.00

(C) Transportation period from Aug 15 to Oct 26

On Site - Truck	448.00
To/From Site	543.00

Additional Cost applied for Assessment Work split between Claims in 161 & 163	11,870.31
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QUALIFICATIONS OF AUTHOR

The author graduated with a Bachelor of Science degree in geology from the University of Minnesota in 1960 and a Master of Science degree in geology from the University of British Columbia in 1966.

He worked for New Jersey Zinc in the summer of 1963, Kerr Addison Mines in the summer of 1964 and Julian Mining Company in the summer of 1965. From May, 1966 to March, 1973, he worked for Noranda and from April, 1973 to December of the same year, he worked for J. R. Woodcock. Since 1973, he has done consulting.

He is a member of the Geological Association of Canada.

GEOLOGICAL REPORT
ON THE THEODOSIA INLET ZONE
OF THE OK CLAIMS

Willis W. Osborne
November 12, 1977

CONCLUSIONS AND RECOMMENDATIONS

In the autumn of 1977, the area of the Theodosia Inlet Zone was mapped and three holes were drilled in it. As is true of the rest of the property, the bulk of copper and molybdenum mineralization as well as alteration occurs in granodiorite along a porphyritic quartz-monzonite dike.

Mapping in 1977 provided good evidence that the dike becomes more basic to the north and that it does not continue much beyond 202N. Evidence includes the termination of the zones of moderate propylitization, the zone 0.5% or greater pyrite and quartz stockwork between lines 198N and 202N as well as the narrowing of the dike itself.

Results of analysis on core from drilling on this zone indicated only low-grade sub-economic copper with minor molybdenum. Although the grade is stronger in some of the zones to the south, these zones are sub-economic under present conditions. From present work indications are that there is little chance for finding further zones of copper mineralization to the north. In addition, there is little use in extending zones of sub-economic mineralization through drilling. As a result, no further major work is recommended at this time.

As a check on the conclusions as to the termination of the quartz-monzonite dike to the north, it is recommended that silt sampling of all streams on the south side of Theodosia Inlet be conducted below the mapped area with spacing of a quarter mile. The silts should be run for copper and molybdenum.

INTRODUCTION

The OK claims, under option to Western Mines Limited from Granite Mountain Mines Ltd., are located twenty kilometers north-northwest of Powell River, B. C. The Theodosia Inlet Zone is found within the north-western part of these claims between grid lines 170N and 202N.

Work done by Western Mines on the OK property in 1977 consisted of extending the main road on the property into the area of the Theodosia Inlet Zone, 608 meters of diamond drilling in three holes on this zone, geological mapping and limited soil sampling. In addition, much of the core was split and analysed for copper and molybdenum. Information for this report was gathered during eighteen days of geological field work and core examination during the months of September and October.

The area of interest, 4.8 kilometers north-northwest of camp, is located on the upper part of the

of the slope to Theodosia Inlet. It is covered by mature trees and interrupted by a number of cliffs. Examination of rock was made quite difficult at times because of the dark conditions created by clouds and shadows of trees.

GENERAL GEOLOGY

A detailed description of all of the rock types will not be given in this report as this information is readily available in the many reports already written on this property. Instead, a brief description of the relations of the various rock types follows as well as certain peculiarities in rock found within the Theodosia Inlet Zone.

A complex of diorite-gabbro-andesite-basalt occurs in the eastern part of the mapped area. Diorite of the same age was seen also in the southwest. This is the oldest rock on the property and is part of the Coast Crystalline Complex.

The above rock has been intruded by medium grained granodiorite which occurs in a large north-northwest striking band through the center of the mapped area and also in the northwest. Local phases of this rock include coarse-grained diorite and rare gabbro, both probably partly altered xenoliths. To the northwest, this rock becomes more acidic with zones of granite (9-27-2).

The probable age of this rock is Cretaceous or younger.

A porphyritic quartz monzonite dike ranging in width from 60 to 110 kilometers was found mainly within granodiorite but also in places adjacent to the diorite-gabbro complex. This is actually probably more of a granodiorite in this area, and it grades to porphyritic dacite to the north. It also appears to narrow considerably there and in all probability does not extend much beyond line 202N. This rock is thought to be of the same general age as the granodiorite and is likely a phase of the same intrusive event.

Two or three other porphyritic quartz monzonite dikes and one syenite dike were seen, but they all are less than 2 meters in width. One was found in diorite-gabbro.

As seen from the map, granodiorite and quartz monzonite are both cut by numerous dikes. There are two ages of dikes. The first consists of andesite and fine grained diorite. These in turn have been intruded by smaller andesite dikes.

ALTERATION

Several types of alteration occur in the mapped area. They include propylitization, sericitization, silicification and K-feldspar alteration. In addition, quartz eyes appear in some of the granodiorite.

This also is thought to be an alteration effect. With the exception of K-feldspar, these types of alteration appear to be related in origin to the quartz monzonite dike.

Propylitization is the most widespread type of alteration in the mapped area. The zone of moderate or stronger propylitization is outlined on the geological map. It occurs in the quartz monzonite and up to 340 meters out in adjacent granodiorite. This alteration appears to end before line 202N.

Sericite alteration is weak and spotty. It occurs in small isolated blebs and along some quartz veins mainly within granodiorite. Some has probably been silicified. Silicification was found principally in quartz monzonite and in crackle breccia. It was also seen in other small zones in granodiorite within the moderate to strong zone of propylitization.

Quartz eyes were seen in much of the granodiorite in the northern half of the mapped area within the zone of moderate to strong propylitization especially within the crackle breccia. This is thought to be an alteration effect of the quartz monzonite and not a primary characteristic of the granodiorite here.

K-feldspar occurs in granodiorite primarily in the northwestern part of the mapped area and increases to the northwest. It appears to be associated with zones of granite.

Alterations along fractures and veining are widespread. These are crossed by mineralized quartz veins with and without sericite. The earliest fractures are chlorite fractures with pyrite. These in turn are cut by barren quartz veins of which there were probably two phases. These forms are extensive stockwork in quartz monzonite and granodiorite along quartz monzonite as can be seen from the geological map where the limit is outlined in brown. This zone appears to terminate to the north along with the zone of propylitization. These in turn are cut by epidote fractures.

STRUCTURE

Rock within the Theodosia Inlet Zone has experienced a very active structural history including several episodes of fracturing with later veining and/or alteration along fractures, brecciation and faulting.

At least five different episodes of fracturing occurred with later vein filling or alteration along fractures as described in the preceding section. Most obvious is the stockwork of barren quartz veining. Most of this fracturing is likely an effect of intrusion of quartz monzonite.

- 7 -

A large zone of crackle breccia within granodiorite was intersected in diamond drill hole 77-3 from 424 to 745 feet which is the end of the hole. The brecciated nature of this rock is made almost indistinguishable by silicification. Elongated pieces, up to one centimeter long, of partly to wholly chloritized hydrothermal biotite are seen to be scattered irregularly about within this rock (10-16-1). In a number of instances, however, several of these pieces were seen to be aligned end to end with only a slight offset. This observation led to the conclusion that these were pieces of vein material and this rock was in fact brecciated.

In addition to the above brecciation, limited breccia was seen in granodiorite close to quartz monzonite where there is a quartz monzonite matrix. There are also several local occurrences of breccia in granodiorite with an andesite matrix.

A major east-west fault cuts through the center of the map area and offsets the northern part 150 meters to the west. Evidence for this fault includes the offset appearance of the rock units when plotted on a map and the highly broken nature of rock from DDH 77-2. Some supporting evidence is also found from air photos.

MINERALIZATION

Mineralization seen in the mapped area includes

pyrite, chalcopyrite, and malachite with minor molybdenite and chalcocite. As seen from the map where rock with 0.5% or greater pyrite is enclosed by a red line, pyrite is found along chlorite fractures, in quartz veins and disseminated mainly in granodiorite within 270 meters of quartz monzonite. Smaller concentrations of pyrite occur in quartz monzonite and some of the diorite-gabbro. The main pyrite zone in granodiorite appears to fade before reaching line 202N.

The bulk of copper mineralization found in quartz veins, sericite fractures and blebs is within granodiorite along the quartz monzonite dike. Sections of core analysed for copper were low grade with a majority of samples yielding below 0.2% Cu and no samples over 0.32% Cu. In addition, copper content appears to decrease somewhat to the north. Because of the high degree of weathering of rock on the surface, limited copper was seen on outcrop.

The porphyritic quartz monzonite dike seen within diorite-gabbro had some copper mineralization associated with it.

GEOLOGICAL HISTORY

Below is a brief outline of the geological history of the Theodosia Inlet Zone.

- I Intrusion of the gabbro-diorite-andesite-basalt complex
- II Intrusion of granodiorite
- III Faulting of granodiorite along present site of quartz monzonite dike
- IV Intrusion of quartz monzonite dike
The following are thought to be associated with this intrusion.
 - Fracturing of granodiorite and chlorite alteration along fractures with pyrite in fractures
 - Propylitization
 - Sericitization and quartz veining with pyrite, chalcopyrite and molybdenite
 - Hydrothermal biotite? This could be earlier in the history
 - Crackle breccia
 - Silicification and formation of quartz eyes
 - One or more phases of fracturing and subsequent quartz veining
- V Granite Event in northwestern part of mapped area
- VI Fracturing
- VII Intrusion of andesite and fine grained diorite
- VIII Intrusion of andesite
- IX Faulting
This could have occurred any time after intrusion of the quartz monzonite.

Project: GRANITE MOUNTAIN MINESStart: October 7, 1977Complete October 15, 1977DDH No: 77-3Location: N 190+00N E 70+20E

El: _____

Brg: 67°Incl: -45°T.D.: 745'

Core stored in Core Shed on Main Road on Property

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT					
									ppm CU	ppm MO				
0-12	Overburden													
12-20	Quartz Diorite	Weak Propylitization strong quartz veining	0.6 pyrite Limonite			88		8'	1560	48				
20-30	QD to 29; thin Grandiorite	Wk. Prop. Str. qtz. veining	1.0 Py. Lim with Chalcopyrite			88		10'	2360	75				
30-40	30-36½ Gr. 36½-40 Qd	weak-mod. prop. stock work quartz veins	0.7 sulfs. Cpy. Lim. Py.	Stock Work		95		10'	2160	15				
40-50	40-45 Qd 45-50 Gd	Wk-Mod. prop. SW qtz. veins	0.7 sulfs; Lim Cpy. Py	SW qtz. are well broken	45-50	90		10'	935	20				
50-60	Grandiorite (Gd)	Wk-Mod. Prop. SW qtz. veins	0.6 Sulfs. Lim Cpy Py	SW qtz. are well broken	50-55	98		10'	760	8				
60-70	Gd	Wk-Mod. Prop. SW qtz. veins	0.6 sulfs. Py. Cpy. Lim	SW qtz.		97		10'	1320	3				
70-80	Gd	Wk-Mod. Prop. SW qtz. veins	1.1 Sulfs. Py. Cpy. MoS ₂ Lim. Mal.	SW qtz.		96		10'	2360	7200				
80-90	Gd	Wk-Mod. Prop. SW qtz. veins	0.4 Sulfs. Py. Cpy. Lim	SW qtz.		92		10'	1960	15				
90-100	Gd	Wk-Mod. Prop. Med-Str. qtz. veining	0.5 Sulfs. PY.Cpy.	SW qtz.		94		10'	1720	7				
100-110	Gd	Wk-mod. prop. SW qtz. veins	0.7 sulfs. Py. Cpy. MoS ₂ Lim Mal.	SW qtz.		92		10'	2040	55				
110-120	Gd	Wk. mod. prop. SW qtz. veins	0.2 sulfs. Py. Cpy.	SW qtz.		99		10'	2080	47				
120-130	Gd	Wk. Mod. prop. SW qtz. veins	0.5 sulfs. PY.Cpy.	SW qtz.		95		10'	1800	33				
130-139½	Gd	Wk. Mod. prop SW qtz. veins	0.5 sulfs. PY.Cpy.	SW qtz.		94		5.5'	1720	11				
135½- 185	Dark green grey And. with lg. Dio. in				some Gd veins in top of section			49.5	DIKE					

NO
USE

Project: GRANITE MOUNTAIN MINES

Start: _____

Complete _____

DDH No: 77-3

Location: N _____ E _____

E1: _____

Brg: _____

Incl: _____

T.D.: _____

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT			
									CU	MO		
185-190	Gd	Wk-Mod. prop. SW qtz. veins	0.6 sulfs. Py. Cpy. Mal. Lim	SW qtz.		96		5'	1560	15		
190-200	Gd	Wk-Mod. prop. SW qtz. veins	0.5 sulfs. Py. Cpy. Lim	SW qtz.		99		10'	1520	7		
200-210	200-203 Gd 203-206 Qtz. veins	Mod. prop. SW qtz. veins	0.3 sulfs. Py. Cpy. MoS ₂ Lim Mal	SW qtz. from 206 & highly broken		91		10'	1520	160		
	206-210 Gd with sma And. Dk.											
210-220	Gd with small And. Dk.	Mod. prop. SW qtz. veins	0.6 sulfs. Py. Cpy. mod. Lim	SW qtz. from 206 & highly broken		85		10'	3200	5		
220-230	Gd with small And. Dk.					100		10'	1880	13		
230-240	Gd	Wk-Mod. Prop. SW qtz veins	0.6 sulfs. Py. Cpy. MoS ₂ Lim. Mal	SW qtz.		95		10'	1560	9		
240-250	Gd	Wk-Mod. Prop. SW qtz. veins	0.4 Sulfs. Py. Cpy. Lim.	SW qtz.		99		10'	1480	8		
250-260	Gd	Wk-Mod. Prop. SW qtz. veins	0.6 sulfs. Py. Cpy.	SW qtz.		99		10'	1280	13		
260-270	Gd	Wk-Mod. Prop. SW qtz. veins	0.4 sulfs. Py. Cpy.	SW qtz.		98		10'	1420	14		
270-280	Gd	Wk-Mod. Prop. SW qtz. veins	0.7 sulfs py. cpy.	SW qtz.		96		10'	1560	6		
280-290	Gd	Wk-Mod. Prop. SW qtz. veins. Pinkish alt. along some fractures	0.4 sulfs. Py.cpy.	SW qtz.		99		10'	1560	4		
		M-feld (with exp. in places)										
290-300	GO	Wk-Mod. prop. sw qtz. veins. Pink alt. along some fract. m-feld (with exp. in places)	0.9 sulfs. Py. cpy. Lim	SW qtz.		100		10'	3280	20		

NO DATA

MINERAL RESOURCES BRANCH

Project: GRANITE MOUNTAIN MINES

Start: _____

Complete _____

DDH No: 77-3

Location: N _____ E _____

E1: _____

Brg: _____

Incl: _____

T.D.: _____

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT			
									ppm CU	ppm MO		
300-310	Gd	Wk-Mod. prop. SW qtz veins. Pinkish alt. along some fract. M-feld (with exp. in places)	0.4 sulfs. Py. Cpy. Mal. Lim	SW qtz.		96		10'	1120	7		
310-320	Gd	Wk. Mod. prop. SW qtz veins. Pinkish alt. along some fract. M-feld (with exp. in places)	0.6 sulfs. Py. Cpy.	SW qtz.		100		10'	1240	5		
320-330	Gd	Wk. Mod. prop. SW qtz veins. Pinkish alt. along some fract. M-feld (with exp. in places)	0.4 sulfs. Py. Cpy.	SW qtz.		97		10'	1680	5		
330-340	Gd	Wk-Mod. prop. SW qtz. K-feld ends at 334	0.3 sulfs. py. Cpy	SW qtz		99		10'	1600	11		
340-350	Gd	Wk-Mod prop. SW qtz. veins	0.4 sulfs. PY.Cpy.	SW qtz.		100		10'	1240	1		
350-360	Gd	Wk-Mod. prop. SW qtz. veins	0.5 sulfs. PY.Cpy.	SW qtz.		98		10'	1320	3		
360-370	Gd	Wk-Mod. prop. SW qtz. veins	0.5 wulfs. PY.Cpy.	SW qtz.		99		10'	2520	5		
370-380	Gd	Wk-Mod. prop. SW qtz. veins	0.3 sulfs. PY.Cpy. Mal. Lim	SW qtz.		97		10'	785	2		
380-392	Gd	Wk-Mod. prop. SW qtz. veins	0.2 sulfs. Py	SW qtz.		99		12'	1120	2		

NO. 6846

ASSESSMENT REPORT

Project: GRANITE MOUNTAIN MINES.

Start: _____

Complete _____

DDH No: 77-3

Location: N _____ E _____

El: _____

Brg: _____

Incl: _____

T.D.: _____

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT				
									ppm CU	ppm MO			
392-420	Diorite with 2½ chilled zones And on top and 4' zone on bottom	Wk-Mod. prop SW qtz. veins		SW qtz.				28'	DIKE				
420-430	Gd with streaks or gashes of chl. bio. up to one cm. long starting from 424	Mod. prop to 424, then streaked SW qtz veins from 424 str	0.5 sulfs. Py. Cpy. Mal.	SW qtz.		95		10'	1360	3			
430-440	Gd with streaks or gashes of chl. bio. These gashes are not aligned	strong prop. SW qtz. strong sil.	0.3 sulfs. PY. cpy	SW qtz.		100		10'	1360	3			
440-450	Gd	strong prop. SW qtz. strong sil.	0.3 sulfs. Py. Cpy. MoS ₂	SW qtz.		98		10'	900	28			
450-460	Gd	Wk-Mod. prop; SW qtz. veins, Mod. sil	0.2 Py. Cpy.	SW qtz.		99		10'	805	2			
460-470	Gd	Wk-mod K-feld along fractures	0.3 sulfs. Py. Cpy	SW qtz.		97							
470-480	Gd	Wk-mod. K-feld along fractures	0.3 sulfs. Py. Cpy	SW qtz.		94							
480-490	Gd	Wk-mod. K-feld along fractures	0.3 sulfs. PY. Cpy	SW qtz.		99							
490-500	Gd	Wk-mod. K-feld along fractures	0.5 sulfs. Py. Cpy	SW qtz.		100							

NO. 6886
 MINERAL RESOURCES BRANCH
 ASSAY REPORT

c. MoS₂ SW Qtz.

640-650	Gd. with slashes and Qtz. eyes	SW Qtz. wk-mod Sil.	0.3 sulfs. Py. Cpy. SW Qtz.			10'	285		
650-660	Gd. with slashes and Qtz. eyes	mod-str. prop. SW Qtz. wk-mod. Sil	0.3 sulfs. Py. Cpy. SW Qtz.		100	10'	370	2	
660-670	Gd. with slashes and Qtz. eyes	mod-str. prop. SW Qtz. wk-mod. Sil	0.3 sulfs. Py.	SW Qtz.		99			
670-725	Gd. with Chl. Bio. slashes and Qtz. eyes	Wk-mod. prop. SW Qtz. veins	0.2 sulfs. PY. Cpy.	SW Qtz.					
725-737	Gd. with Chl. Bio. slashes and Qtz. eyes	Wk-mod. prop. SW Qtz. veins	0.2 sulfs. Py. Cpy.	SW Qtz.					
737-738 $\frac{1}{2}$	Quartz of Qtz. eyes	Wk K-feld							
738 $\frac{1}{2}$ -749	Gd. with bio slashes and Qtz eyes	Wk-mod prop. SW Qtz. veins Wk K-feld	0.2 sulfs. Py. Cpy.	SW Qtz.					

MINERAL RESOURCES ENRICHMENT
 ASSOCIATION REPORT
 NO. 6346

Project: GRANITE MOUNTAIN MINES

Start: Oct. 26, 1977

Complete: Oct. 4, 1977

DDH No: 77-2

Location: N 188 + 00N E 78 + 00E

E1: _____

Dip: 247°

Incl: 43°

T.S.: 605

Core Starts in Core Size on Property

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT		
									PPH CU	PPH MO	
0-36	Overburden										
36-50	Porphyritic Quartz	Moderate propylitic	0.8 Py. Limonite	SW quartz.		82		12'	545		
	Monzonite-Sd with quartz eyes. 2' And. Dike	SW quartz veins									
50-60	Por. QM, 2' And. Dk.	Mod. prop SW Qtz veins	0.5 Py. Lim.	SW quartz		99		10'	300	1	
60-70	60-60 ² And. Dk 66 ² -70 Por. QM	Mod. prop gross 55% SW Qtz veins 66% Mod. Sil 66%	0.3 Py. Lim. Mat.	SW Qtz veins pro. 66%		100		10'	210	2	
70-80	Por. QM	Mod. prop. SW Qtz veins Wk. Sil.	1.0 Py. Lim Wk. cpy. SW. Qtz.			92		10'	840	1	
80-90	Por. QM	Mod. prop. SW Qtz. veins. Wk. Sil.	1.0 Py. Lim. Wk. cpy. SW. Qtz.			93		10'	1360	1	
90-100	Por. QM	Mod. prop. SW Qtz. veins. Wk. Sil	0.8 Py. Wk. cpy. Lim.	SW. Qtz.		99		10'	1040	1	
100-110	Por. QM	Mod. prop. SW Qtz. veins Mod. Sil	0.4 Py. Lim. Ma	SW. Qtz.		96		10'	1640	1	
110-120	Por. QM	Mod.-str. prop. SW Qtz. veins. Str. Sil	0.4 sulfs. Lim Ma Py.	SW Qtz. well broken with gauged zones.		95		10'	1260	2	
120-130	Por. QM	Mod.-str prop. SW Qtz. veins str sil	0.2 sulfs. Ha cc Lim Py.	SW Qtz. well broken with gauged zones		91		10'	1280	1	

NO CORE

MINERAL RESOURCES DIVISION

Project: GRANITE MOUNTAIN MINES

Start: _____

Complete _____

DR No: 77-2

Location: N _____ E _____

E1: _____

Erg: _____

Incl: _____

T.D.: _____

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT		
									GR CU	PER TON	
130-140	Porphyritic Quartz Monzonite	Mod.-str. prop. SW qtz. veins. str. sil	0.8 sulfs. Lim Ma cc Py.	SW qtz; well broken with zones.	gauged	77		10'	1160	1	
140-150	Por. QM	Mod-Str prop. SW qtz. veins str. sil	0.5 py. Lim cc ra	SW qtz; well broken with gauged zones		65		10'	1160	1	
150-160	Por. QM	mod-str. prop. SW qtz veins str. sil	0.3 py. lim cc	SW qtz; well broken with gauged zones		70		10'	490	1	
160-170	Por QM	mod-str. prop. SW qtz veins str. sil	0.4 py	SW qtz.		99		10'	355	1	
170-180	Por QM with one small And. Dike	mod. prop SW qtz veins wk sil	0.4 py. Lim cc	SW qtz.		99		10'	380	1	
180-193	Por. QM with one small And. Dk	mod. prop. SW qtz. veins wk sil	0.5 py. Lim cc	SW qtz.				13'	860	2	
193-227	Grey por And on edges of fine crained ore				one small dark grey green And Dike			34'	DIKE		
227-240	Por. QM	Mod. prop. SW qtz. veins mod. sil	1.2 sulfs. cpy. Lim Mil cc Py.	SW qtz.				13'	860	2	
240-250	240-245 Por QM 245-250 Por. And.	Mod. prop. SW qtz. veins mod. sil to 245	0.5 sulfs. Cpy Lim. Ma; cc Py	SW qtz. to 245				10'	750	3	
250-260	250-251 Por And 251-260 QM	mod. prop. SW qtz. wk mod. sil	1.2 Sulfs. Lim Ma Cpy cc Py.	SW qtz. highly fractured				10'	745	1	
260-270	Por. QM	mod. prop. SW qtz. wk. mod. sil	0.8 sulfs. Lim Ma cc cpy py.	SW qtz. highly fractured				10'	1440	2	
270-280	Por. QM	Mod. prop SW qtz. veins wk. sil	1.0 sulfs. Lim cpy ra py.	SW qtz. highly fractured				10'	960	1	
280-290	Por QM	Mod. prop. SW qtz. veins wk. sil	1.0 wulfs. Lim Ma cc Py.	SW qtz. highly fractured				10'	770	2	

NO SAMPLES

MINING DIVISION

Project: GRANITE MOUNTAIN MINES LTD.

Start: _____

Complete _____

DDH No: 77-2

Location: N _____ E _____

E1: _____

Erg: _____

Incl: _____

T.O.: _____

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT		
									ppm CU	ppm MO	
293-300	Porphyritic Quartz Marzonite	Mod. prop. SW qtz. veins Wk; Sil	0.8 sulfs. Lim Ma. cc Py.	SW qtz. highly fractured				10'	1080	1	
300-310	Por QM	Mod. prop. SW qtz. veins Wk; Sil	0.7 sulfs. Lim Ma. cc Cpy Py.	SW qtz. highly fractured				10'	720	3	
310-320	Por QM	Mod. prop. SW qtz. veins Wk Sil	0.6 sulfs. Lim Ma cc PY.	SW qtz. highly fractured				10'	1280	1	
320-330	Por QM	Mod. prop. SW qtz. Wk-mod. sil	0.6 sulfs. Ma Lim cc py.	SW qtz. highly fractured to	325			10'	570	1	
330-340	Por QM	Mod. prop. SW qtz. Wk-mod sil	0.6 sulfs Lim Ma cc Cpy. Py	SW qtz.				10'	565	1	
340-347	Por. QM	Mod prop. SW qtz. Wk-mod. sil	0.4 sulfs. Lim Ma. Cpy. Py.	SW qtz.				10'	840	1	
347-406	Dark grey Por And.	Mod prop. SW qtz. Wk-mod. Sil	0.1 Py								
406-420	Por. QM with two small And Dikes	Mod prop. SW qtz. veins Wk Sil	0.4 Sulfs. Wk. cpy Py.	SW qtz.		94		14'	585	3	
420-430	Quartz Diorite coarse grains	Wk-mod. prop.	1.2 sulfs. Lim Ma py.	SW qtz. highly fractured		85		10'	1920	2	
430-440	Quartz Diorite	Wk-mod. prop. SW qtz. veins	0.8 sulfs. Lim ma cpy. M-S ₂	SW qtz.		90		10'	2280	7	
440-450	Quartz Diorite	Wk-mod prop SW qtz. veins	0.8 sulfs. Lim Ma Cpy Py.	SW qtz.		94		10'	1080	11	
450-458	Medium grained Gd with one small And.	Wk-mod. Prop; Str. Wk qtz. veining	0.5 py. Lim Ma.			99		8'	695	2	
458-480	The first and last 6' are grey green and the rest is fine grained ore		0.1 Py					22'	DIKE		

ASSAY REPORT
 6514

Project: Granite Mountain Mines

Start: _____

Complete _____

DDH No: 77-2

Location: N _____ E _____

E1: _____

Exp: _____

Incl: _____

T.D.: _____

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT			
									ppm CU	ppm MO		
480-490	Gd with one small And Dk and one small Dike	Wk-mod prop. str. qtz. veining SW	0.5 Py. Lim Ma.	close to qtz. SW		97		10'	1440	10		
490-500	Gd with two small And Dikes	Wk to mod prop Str. qtz. veining-SW	0.5 py lim Ma Cpy	close to qtz. SW		93		10'	500	4		
500-510	Gd	Wk-mod prop. Str. qtz. veining - SW	1.1 Sulfs. Lim Ma. Cpy. Py.	close to qtz. SW		95		10'	2640	3		
510-520	Gd with two small And. Dks.	Wk-mod prop. str. qtz. veining - SW	0.8 sulfs. Lim ma. Cpy. py.	close to qtz. SW		94		10'	1400	3		
520-530	Gd with one small And. Dks.	Wk-mod. prop. str. qtz. veining - SW	0.7 sulfs. Lim Ma Cpy MnS ₂ Py.	close to qtz. SW		78		10'	1320	9		
530-540	Gd to 539½. then And. One small And. Dike	Wk-mod. prop. str. qtz. veining - SW	0.6 Sulfs. Lim Ma. Cpy. Py.	close to qtz. SW		92		10'	1560	3		
540-550	540-544½ And. 544½-550 Gd	From 544½ Wk-mod prop. SW qtz. veins	0.3 sulfs. Ma Lim Cpy. Py.	from 544½ SW qtz.		99		10'	1000	4		
550-560	Gd	Wk prop. SW qtz. veins	0.6 sulfs. Lim Ma. Cpy. Py.	SW qtz.		99		10'	2040	7		
560-570	Gd	Wk. prop. SW. qtz. veins	0.6 sulfs. Lim cpy. Py.	SW qtz.		94		10'	1560	5		
570-580	Gd	Wk prop. SW qtz. veins	0.6 sulfs. Lim Cpy. Py.	SW qtz.		98		10'	1560	5		
580-590	Gd	mod. prop. SW qtz. veins	0.9 sulfs. Cpy. Py.	SW qtz.		98		10'	2240	6		
590-600	Gd	Mod. prop. SW qtz. veins	0.7 sulfs. Lim Ma. Cpy. Py.	SW qtz.		95		10'	2040	5		
600-605	Gd	MOD. prop. SW qtz. veins	0.6 sulfs. Py	SW qtz.		99		5'	2440	6		
Fractures with chlorite and fractures with epidote were found in varying degrees in granodiorite; a few were found in porphyritic quartz monzonite.												

MINERAL RESOURCES BRANCH

5340

Project: GRANITE MOUNTAIN (OK PROPERTY)

Start: SEPT. 19, 1977

Complete SEPT. 25, 1977

DDH No: 77-1

Location: N 181+70N E 69+70E

El: _____

Brg: 67°

Incl: -45°

T.D.: 645'

Cores stored in Core Shed on Main Road on Property

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT					
									ppm CU	ppm MO				
0-10	10-11 Andesite	Moderate Propylitization	0.3% pyrite chalcopyrite											
	11-20 Granodiorite	Strong Quartz Veining	malachite											
10-20	Granodiorite	Moderate Propylitization	0.3% pyrite chalcopyrite			80		10'	350	23				
		Strong Quartz Veining	malachite											
20-30	Granodiorite	Moderate Propylitization	0.6% pyrite chalcopyrite			86		10'	615	7				
		Strong Quartz Veining	malachite											
30-40	30-34 Granodiorite	Moderate Propylitization	1.3% pyrite			89		10'	1120	68				
		moderate quartz veining	MoS ₂ malachite											
40-50	40-42 Diorite	Moderate Propylitization	0.6% sulfides	SW quartz		97		10'	2360	16				
	42-50 Granodiorite	stock work quartz veining	pyrite	veining										
50-60	Granodiorite	Moderate Propylitization	0.6% sulfides	stock work quartz veining	small breccia zone at 58 with granodiorite fragments in andesite matrix	90		10'	1640	14				
		Stock work quartz veining	pyrite											
60-70	Granodiorite	Moderate Propylitization	0.4% sulfides chalcopyrite +	Small fault zone	64-65 stock work quartz	80		10'	1640	67				
		stock work (sw) quartz veining	MoS ₂ at 66'	veining										
70-80	Granodiorite	Strong Propylitization strong	0.7% pyrite chalcopyrite at	stock work quartz	veining	90		10'	1120	30				
		silicification stock work quartz veining	71'											

NO 6846
 Approved: _____
 Date: _____

Project: _____

Start: _____

Complete: _____

DDH No: 77-1

Location: N _____ E _____

E1: _____

Brg: _____

Incl: _____

T.D.: _____

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT			
									ppm Cu	ppm Mo		
80-90	Granodiorite (Gd)	Weak-Moderate Propylitization stock work quartz veining	2.5% pyrite in in veins at Disseminated chalcopyrite at 84-85-90 MgS_2 at 85	Gauge at 82 stock work quartz veins 85		95		10'	2040	69		
90-100	Gd	Weak-moderate Prop. SW Qtz Veins	0.9% Py. Cpy at 90.5	stock work quartz veins		87		10'	825	27		
100-110	100-107 Gd 107-110 Porphyrite And.	Weak-mod. prop. 107 SW Qtz veins 107	0.6% py. to 107 Cpy at 105	SW Qtz veins to 107		88		10'	990	19		
110-120	110-111 Por. And. 111-120 Gd.	SW Qtz veins Mod. Prop.	1.2% Py to 116; Cpy in Qtz at 109 Mo.Cpy at 116 0.3% Py. 116-120	116-120 highly fractured with gauge along fractures SW Qtz veining 120-127 highly fract- ured with gauge along fractures	Por. And. dike cut by a aphanitic dark grey dike at 108	85		10'	2400	36		
120-130	120-127 Gd 127-130 Dark grey Por. And	Mod. prop. SW Qtz veins to 127	0.3% Pyrite	SW Qtz veins 120-127 highly fractured with gauge along fractures		89	120' 127'	7'	510			

No. 6846

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

Project: _____

Start: _____

Complete _____

DDH No: 77-1

Location: N _____ E _____

E1: _____

Brg: _____

Incl: _____

T.D.: _____

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT				
									ppm CU	ppm MO			
130-140	130-138 Dark grey Porphyritic 138-140 Gd	Weak to mod. prop. SW qtz. veins	0.2%	SW qtz. veins		85	127' 138'	9'	Dike				
140-150	Gd	Weak to mod. prop. SW to qtz veins Mod. Silification (sil)	0.6% Py. Cpy.	SW qtz veins		96	138 150	12'	1480	9			
150-160	150-153 Gd 153-160 Quartz Diorite	Weak to mod. prop. And. SW qtz veins to 153; wk. Prop. And. mod. qtz veins	0.7% Sulfides NO. 14 Cu. MoS ₂			84		10'	1760	34			
160-170	160-161 Quartz Diorite 161-170 Gd with one 2' And. dike	Mod. prop. Mod. sil. in zones Strong qtz. veining	0.4% Py. Weak Cpy. MoS ₂			92		10'	1000	11			
170-180	Gd with a few small And. dikes	Mod. prop. Mod. Sil. in zones strong qtz. veining	0.3% sulfides weak cpy. Py.			98		10'	1000	11			
180-184	Gd with a few small And. dikes	Mod. prop. Mod. Sil in zones Strong qtz. veining	0.3% sulfides weak cpy. Py.			97	180 190	10'	220	3			
194-221	And.-dark grey some in Porphy.		0.2% Py. Cpy And. MoS ₂ in ?			-	190 194	4'	950	19			

NO 6844
 ASSESSMENT REPORT
 MINERAL RESOURCES BRANCH

Project: GRANITE MOUNTAIN MINES

Start: _____

Complete _____

DDH No: 77-1

Location: N _____ E _____

E1: _____

Brg: _____

Incl: _____

T.D.: _____

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT	
									ppm CU	ppm MO
221-230	Gd	Weak to Moderate Prop. SW in Qtz. Wk. Mod. Sil. in zones	0.5% Sulfides with Cpy. Pyrite	stock work Qtz. veins		100		9'	1080	27
230-240	Gd	Wk to Mod. Prop. SW in Qtz. Wk.-Mod. Sil in zones	0.4 sulfides weak cpy. Pyrite	Stock work quartz veins		97		10'	725	11
240-250	Gd	Weak to mod. prop. SW to Qtz Weak-prop. sil in zones	0.4% sulfides wk. cpy MoS ₂ Py.	SW Qtz veins		94		10'	965	17
250-260	250 - 254 - Gd 254 - 260 And. with few Gd.	Wk. to mod. prop. in Gd. SW of Qtz to 254 Wk.-prod. sil. in zones in Gd.	0.2% Sulfide cpy. py	SW quartz veins		97		10'	755	21
260-270	260-263 And. 263-270 Gd	Mod. Prop. in Gd SW Qtz veins in Gd Wk.-Mod. sil in zones in Gd.	0.5% Pyrite	SW quartz veins		98		10'	870	21
270-280	Gd	Mod. Prop. SW Qtz. veins. Wk-mod. sil in zones	0.6% Sulfide Cpy.Py.	SW Qtz. Veins		98		10'	1120	49
280-290	280-282 Gd 282-287 Gabbro 287-290 Gd	Mod. prop SW Qtz veins Wk.-Mod. sil in zones in Gd.	1.2% sulf. Much Cpy. Dissiminated in gabbro - Py.	SW quartz veins		99		10'	3100	40

NO 6846

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

Project: GRANITE MOUNTAIN MINES

Start: _____

Complete: _____

DDH No: 77-1

Location: N _____ E _____

E1: _____

Drg: _____

Incl: _____

T.D.: _____

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT			
									PPM CU	PPM MO		
290-300	Gd	Mod. Prop. in zones SW qtz. veins	0.5% sulf. Wk cpy. MoS ₂ Py.	SW qtz veins Local breccia with And. matrix.		93		10'	900	43		
300-310	Gd	Mod. prop in zones SW qtz. veins	0.8% sulf. Cpy. Py.	SW qtz veins local breccia with And. matrix		100		10'	1880	70		
310-320	Gd	Mod. prop. in zones SW qtz. veins	0.5% sulf. Weak Cpy. Py.	SW qtz. veins local breccia with And. matrix		84		10'	1800	43		
320-330	Gd	Mod. prop in zones SW qtz. veins	0.7% sulfide Cpy. Py.	SW qtz. veins Local breccia with And. matrix		94		10'	1360	77		
330-338	Gd	Mod. prop. in zones SW qtz veins	0.7% sulfide Cpy. Py	SW qtz veins Local Breccia with And. matrix		99		8'	1920	56		
338-360½	Dark grey, green and fine diorite		No sulfides Py.									
360½-370	Gd	Wk. mod. prop. SW qtz veins	0.5% sulf. cpy. py.	SW qtz veins.		95		9.5'	1080	26		
370-380	Gd	Wk. mod. prop. SW qtz. veins	0.4% sulfide Cpy. py.	SW qtz veins Local Breccia with And. matrix		96		10'	1320	20		
380-390	Gd	Mod. prop. in zones SW qtz veins Wk. - Mod. Sil	0.4% sulf. Cpy. Py	SW qtz veins Local Br. with And. matrix		98		10'	2040	53		

NO GRMS

ASSESSMENT REPORT

MINERAL RESOURCES BRANCH

Project: GRANITE MT. MINING

Start: _____

Complete _____

DDH No: 77-1

Location: N _____ E _____

E1: _____

Brg: _____

Incl: _____

T.D.: _____

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT			
									ppm Cu	ppm Mo		
390-400	Gd	Mod. prop. in zones SW qtz. veins Wk.-Mod. Sil.	0.4% sulf. cpy. py.	SW qtz veins Local Breccia with And. Mat.		100		10'	1640	40		
400-410	Gd	Mod. prop. in zones SW qtz. veins Weak sils.	0.6% sulf. Cpy. Py.	SW qtz veins Local Bx. with And. Mat.		100		10'	1640	27		
410-420	Gd	Mod. Prop. in zones SW qtz veins Weak Sil.	0.9% sulf. Wk. cpy Py	SW qtz. veins Local Bx. with And. matrix		100		10'	775	22		
420-430	Gd	Mod. Prop. in zones SW qtz. veins weak Sil.	1.1% sulf. Cpy. Py.	SW qtz veins Local Bx. with And. Matrix		98		10'	1200	51		
430-439	Gd	Mod. prop. in zones SW qtz. veins Weak Sil.	1.2% sulf. Cpy. Py.	SW qtz. veins Local Bx. with And. Matrix		98		9'	2440	69		
439-498	Grey Green ?											
458-470	Gd	Mod. prop. SW qtz veins. weak Sil.	1.9% Py. Weak Cpy. MoS ₂	SW qtz.		100		12'	945	50		
470-480	Gd	Mod. Prop. SW qtz. veins. Wk. Sil.	1.1% sulf. wk. Cpy. Py	SW qtz.		98		10'	1040	14		

NO
6816
 MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT

Project: GRANITE MOUNTAIN MINING

Start: _____

Complete: _____

DDH No: _____

Location: N _____ E _____

El: _____

Brg: _____

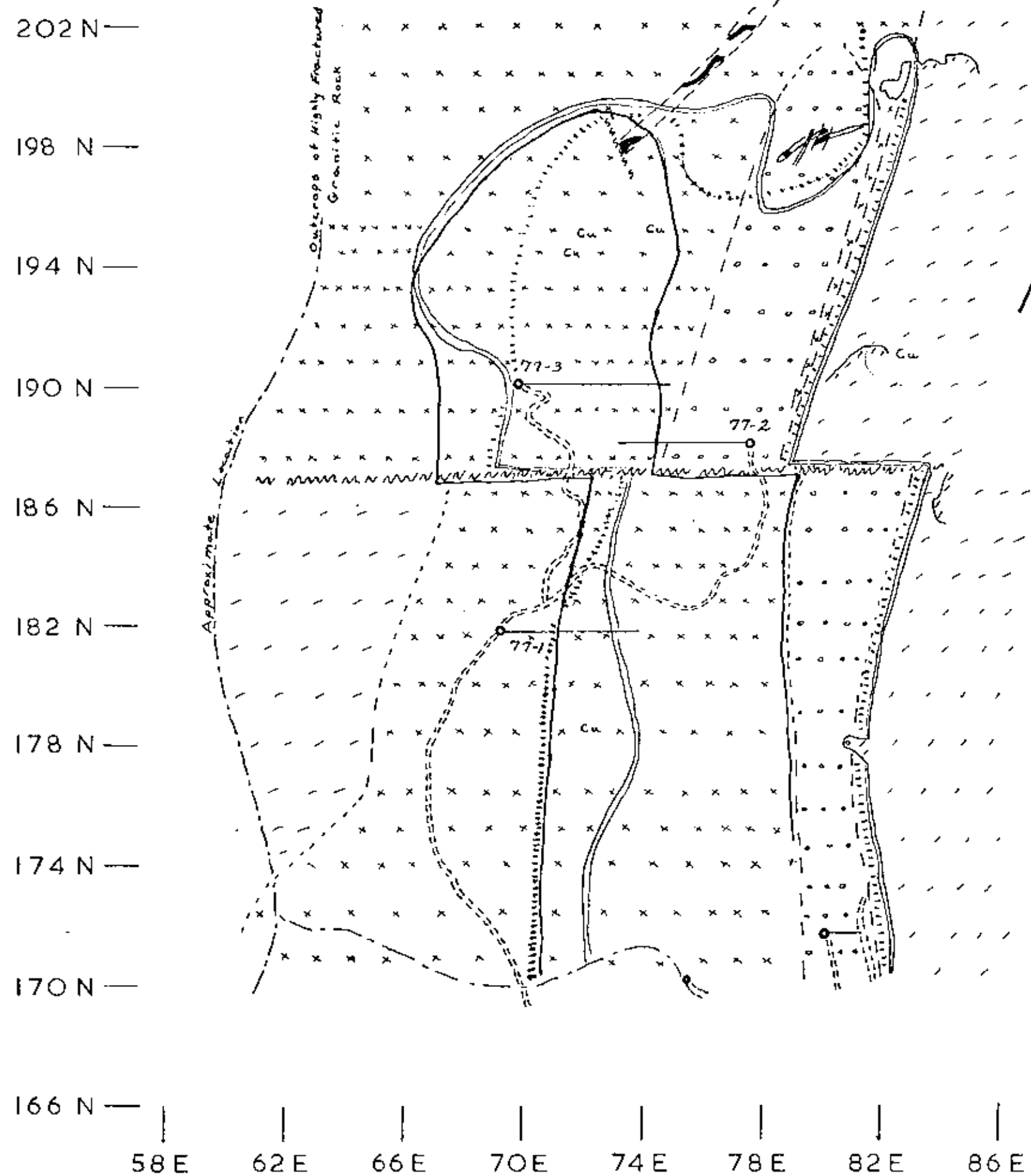
Incl: _____

T.D.: _____

DEPTH	ROCKTYPE	ALTERATION	MINERALIZATION	STRUCTURES	OTHER NOTES	CORE REC.	SAMPLE NO.	SAMPLE LENGTH	ASSAY RESULT			
									ppm CU	ppm MO		
480-490	Gd	Wk. Mod. Prop. SW Qtz. veins Wk. Sil	1.5% sulf. Cpy. Py.	SW Qtz.		99		10'	1880	35		
490-500	Gd	Wk. Mod. prop SW Qtz. veins Wk. Sil	1.3% sulf. Cpy. MoS ₂ veins. Py	SW Qtz.		97		10'	1880	42		
500-510	Gd	Wk. - Mod. Prop. SW Qtz. veins Wk. Sil	1.8% sulf. Cpy. MoS ₂ veins Py.	SW Qtz.		99		10'	2280	41		
510-520	Gd	Wk. - Mod. Prop. SW Qtz. veins Wk. Sil	0.7% sulf. Wk. Cpy. Py	SW Qtz.		100		10'	1760	125		
520-532 1/2	Gd	Wk. - Mod. Prop. SW Qtz. veins Wk. Sil	1.4% sulf. mod. Cpy. Py.	SW Qtz.-		96		12'	2700	50		
532 1/2-566	Diorite	A few Qtz. veins										
566-580	Gd to 579 570-580 Por.qn (Porphyritic quartz monzonite)	Mod. Prop. SW Qtz. veins	1 sulf. Cpy. Py.	SW Qtz.	Qm has Qtz. eyes and ?	89		14'	2330	23		
580-590	580-581 Dor gm 581-590 Gd	Wk to mod. prop. SW Qtz. veins	0.9 sulf. Cpy. Py	SW Qtz. Local with/And. Mat	Qm has Qtz. eyes and ?	100		10'	1600	39		
590-600	Gd	Wk. to mod prop to 597 SW to mod. SW Qtz. veins	0.8 sulf. Cpy. Py.	SW Qtz. Local with /And. Mat.		100		10'	1400	24		

NO. 6846

MINERAL RECOVERY REPORT



LEGEND

- Andesite and fine-grained diorite
- Porphyritic quartz-monzonite, granodiorite and dacite
- Granodiorite and some granite
- Diorite, gabbro, andesite and basalt
- Copper mineralization
- Outline of area with moderate or greater propylitization
- Outline of area with stockwork of barren quartz veins
- Outline of area with estimated 0.5% or greater pyrite
- Approximate fault
- Definite contact
- Approximate contact
- Assumed contact
- Outcrop
- Diamond drill hole
- Road
- Stream

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
6846
NO.

WESTERN MINES LIMITED

GEOLOGICAL MAP OF THEODOSIA
ZONE OK PROPERTY

FIELD WORK BY: W. OSBORNE

Scale: 1" = 400'

NOV. 1977