

Richard E. Mieritz

MINING CONSULTANT

May 13, 1957

Mr. E. G. Frawley
Room 340
411 North Central Ave.
Phoenix, Arizona

MADERO PROJECT
PROGRESS REPORT
April 16 to 30, 1957

Dear Mr. Frawley:

Herewith is the semi-monthly report covering activities of the project for the above noted period.

Activity on the project was limited to diamond drill holes M-2 and M-3. Hole M-2 was drilled at a minus 4° in a $S 72^{\circ} W$. direction. Hole M-3 was a vertical hole at a location approximately midway between the portal and face of the adit. Hole M-2 was completed at a depth of 300 feet while hole M-3 was completed at a depth of 196 feet.

The following table indicates the footage drilled during the period.

Previous total		548 feet
Advance for period	M-2	52 feet
" " "	M-3	196 feet
Total footage to date		<u>796 feet</u>

DIAMOND DRILL HOLE M-2

This hole was collared at a flat minus angle in the west wall of the drift a few feet back of the adit face. The objective was to test the strength of mineralization on the west side of the mineralized fissure zone. The copper mineralization encountered in the hole is primarily associated with thin quartz stringers and compares to the results obtained in drill hole M-1.

DIAMOND DRILL HOLE M-3

This vertical hole was collared in the floor of the adit approximately midway between the portal and face of the adit, opposite the inclined interior shaft. The objective of the hole was the diorite contact which surface-wise was exposed approximately 50 feet lower in elevation than the portal with an assumed dip towards the mine workings. As evidenced on the surface, the diorite was weakly mineralized with some chalcopyrite and pyrite. The drill hole was stopped at 196 feet without encountering the diorite.

Madero
Progress Report

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Stopping of this hole concluded exploration at the project.

The drill contractor has removed all of his equipment. All our sampling equipment has been removed and taken to my office for storage until it can be put to use on another project.

A report will be submitted to you complete with drill logs, assays, maps, etc.

Very truly yours,

ccManing Cox
Gene Turley

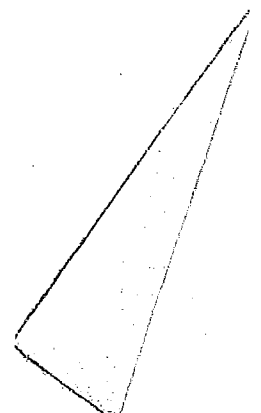
R. E. Mieritz.

%
Core % coppe
Rec. Core Sldg.

Core Rec.	% Core	% coppe	Sldg.
	0.18	5	
	0.40	10	
	0.20	15	
	1.76	20	No Sludge Samples
	0.22	25	
	0.36	30	
	0.40	35	
	0.62	40	0.80
	0.22	40	0.80
	0.12	45	0.80
	0.16	50	0.55
		55	
	0.46	60	0.45
	0.60	65	0.50
	0.08	70	0.35
	0.54	75	0.25
	0.44	80	0.30
	0.44	85	0.94
	0.40	90	0.88
	0.30	95	0.46
	0.26	100	0.76
			No Sludge Samples
	0.29	105	
	0.20	110	
	0.44	115	0.58
		120	0.54
	0.18	125	0.30
	0.10	130	0.22
	0.16	135	0.18
	0.08	140	0.18
	0.16	140	
	0.30	145	No Sludge Samples
	0.24	150	
	0.26	155	
	0.26	160	0.45
	0.30	165	No Sludge Samples
	0.32	170	0.25
	0.25	175	0.35
	0.15	180	0.30
		185	
	0.30	190	0.37
	0.80	195	0.45
	0.40	200	0.65
	0.25	205	0.50
	0.40	210	0.55
	0.27	215	0.75
	0.25	215	0.75
	0.20	220	0.65
	0.12	225	0.75
	0.15	230	0.50
	0.10	235	0.50
	0.30	240	0.55
	0.18	245	0.35
	0.12	250	0.35
	0.30	255	0.25
	0.15	260	0.45
	0.10	265	0.50
	0.15	270	0.45
	0.15	275	0.50
	0.12	280	0.55
	0.25	285	0.65
	0.20	290	0.50
	0.20	295	0.50
	0.20	300	0.45

Madero - Hole No 1

70%



%
Core % coppe
Rec. Core Sldg.

Core Rec.	% Core	Sldg.
	0.25	5 1.15
	0.95	10 1.15
	0.12	15 0.55
	0.35	20 0.40
	0.50	25 0.65
	0.30	30 0.60
	0.55	35 0.55
		40 0.55
		45 0.55
	0.15	50 0.65
	0.15	55 0.45
	0.30	60 0.40
	0.20	65 0.40
	0.40	70 0.40
	0.40	75 0.50
	0.45	80 0.45
	0.30	85 0.45
	0.40	90 0.40
		95
	0.65	100 0.20
	0.25	105 0.30
	0.30	110 0.35
	0.32	115 0.35
	0.45	120
	0.25	125 0.30
	0.20	130 0.35
	0.20	135 0.25
	0.20	140 0.
	0.20	145
	0.55	150
	0.65	155 0.55
	0.30	160 0.45
	0.25	165 0.55
	0.40	170 0.35
	0.30	175 0.20
	0.25	180 0.20
	0.35	185 0.20
	0.50	190 0.20
	0.50	195 0.15
	0.15	200
		205
		210
		215
		220
		225
		230
		235
		240
		245
		250
		255
		260
		265
		270
		275
		280
		285
		290
		295
		300

Madero - Hole No. 2

%

Diamond Drill Log

Property — Madera Prospect
 Hole Location — Portal + 500' east wall
 DD Hole Number — M1
 Date — March 20, 1957

Sample Depth		Core Recovery	% Core Recovery	Sludge	Mineralization			Geology
From	to				Cpy	CC	Px/Mo	
0.0'	5.0'	4.5'	90.0%	None				Highly silicified schist having stringers of CuCO ₃ , CuFeS ₂ , FeOx & MnOx. Very little dissemination of mineralization.
5.0'	10.0'	5.0'	100.0%	None				"
10.0'	12.0'	0.8'	40.0%	None				No disseminated mineralization visible
12.0'	15.0'	1.3'	43.3%	None				Very silicified schist having few specks of CuCO ₃ , FeS ₂ , CuFeS ₂
15.0'	16.5'	0.4'	26.7%	None				"
16.5'	17.5'	0.8'	80.0%	None				Good CuCO ₃ mineralization from 16.5' to 16.7'. FeOx & CuCO ₃ stringers also micaceous. Silicified schist.
17.5'	19.0'	0.6'	40.0%	None				Very little Cu mineralization in FeOx stained stringers
19.0'	24.0'	4.2'	89.0%	None				Good CuFeS ₂ & FeOx stringers in Test 0.2' of core
24.0'	29.0'	2.4'	48.0%	None				Fair CuCO ₃ stringers in very silicified schist. Mineralization very sparse beyond 29.0'
29.0'	34.0'	0.6'	12.0%	None				Very few CuCO ₃ specks in silicified schist
34.0'	39.0'	0.8'	16.0%	Sampled				Very small stringers of CuFeS ₂
39.0'	43.0'	1.1'	37.5%	Sampled				"
43.0'	48.0'	2.1'	42.0%	Sampled				Little FeOx mineralization & no Cu visible
48.0'	50.0'	0.3'	15.0%	Sampled				Two small black CuFeS ₂ & few specks CuCO ₃
50.0'	55.0'	0.9'	18.0%	Sampled				Very little CuCO ₃ staining along joints.
55.0'	58.5'	2.9'	83.0%	Sampled				Few blebs of CuFeS ₂ in silicified schist.
58.5'	62.0'	2.6'	74.5%	Sampled				FeOx stringers from 61.5' to 62.0' in almost other wise barren silicified schist.
62.0'	66.0'	1.8'	45.0%	Sampled				One 0.03" stringer CuCO ₃ at 62.4' in barren silicified schist.
66.0'	71.0'	1.6'	38.0%	Sampled				Very silicified schist & somewhat micaceous
71.0'	76.0'	2.9'	60.0%	Sampled				"
76.0'	81.0'	3.8'	76.0%					Red specks disseminated through very sil. schist. probably FeOx
81.0'	86.0'	1.7'	35.0%					Very sil.
86.0'	90.0'	3.5'	88.0%					"
90.0'	95.0'	3.6'	71.0%					Core gets much darker at 94.0' = biotite & hornblende. Slightly more increase in biotite & hornblende.
95.0'	99.0'	4.0'	100.0%					Good Cpy in highly sil. biotite schist. 0.5" & 0.5" Agite
99.0'	103.0'	3.0'	75.0%					Sparsely mineralized
103.0'	108.0'	4.5'	90.0%					Good Cpy min from 105.0' to 107.5' in highly sil. schist
108.0'	111.0'	2.6'	37.0%					Very dark core - 3/4" Agite. Sil.
111.0'	121.0'	4.5'	45.0%					No more visible
121.0'	126.0'	4.4'	90.0%					Somewhat sil. schist. Very coarse stringers Cpy & Agite. Little dis.
126.0'	131.0'	4.9'	98.0%					"
131.0'	136.0'	4.9'	98.0%					"
136.0'	139.0'	2.5'	83.0%					Very little dis. Ox Cu & CuFeS ₂
139.0'	143.0'	3.3'	82.0%					Very dark core - biotite & hornblende or Augite. Fair good stringers Cu & FeS ₂
143.0'	151.0'	7.0'	88.0%					Highly sil.
151.0'	154.0'	2.0'	60.0%					"
154.0'	166.0'	3.0'	43.0%					Very little min. Light colored. Very sil. schist. No min tests. Very min. & sil to 166.0'