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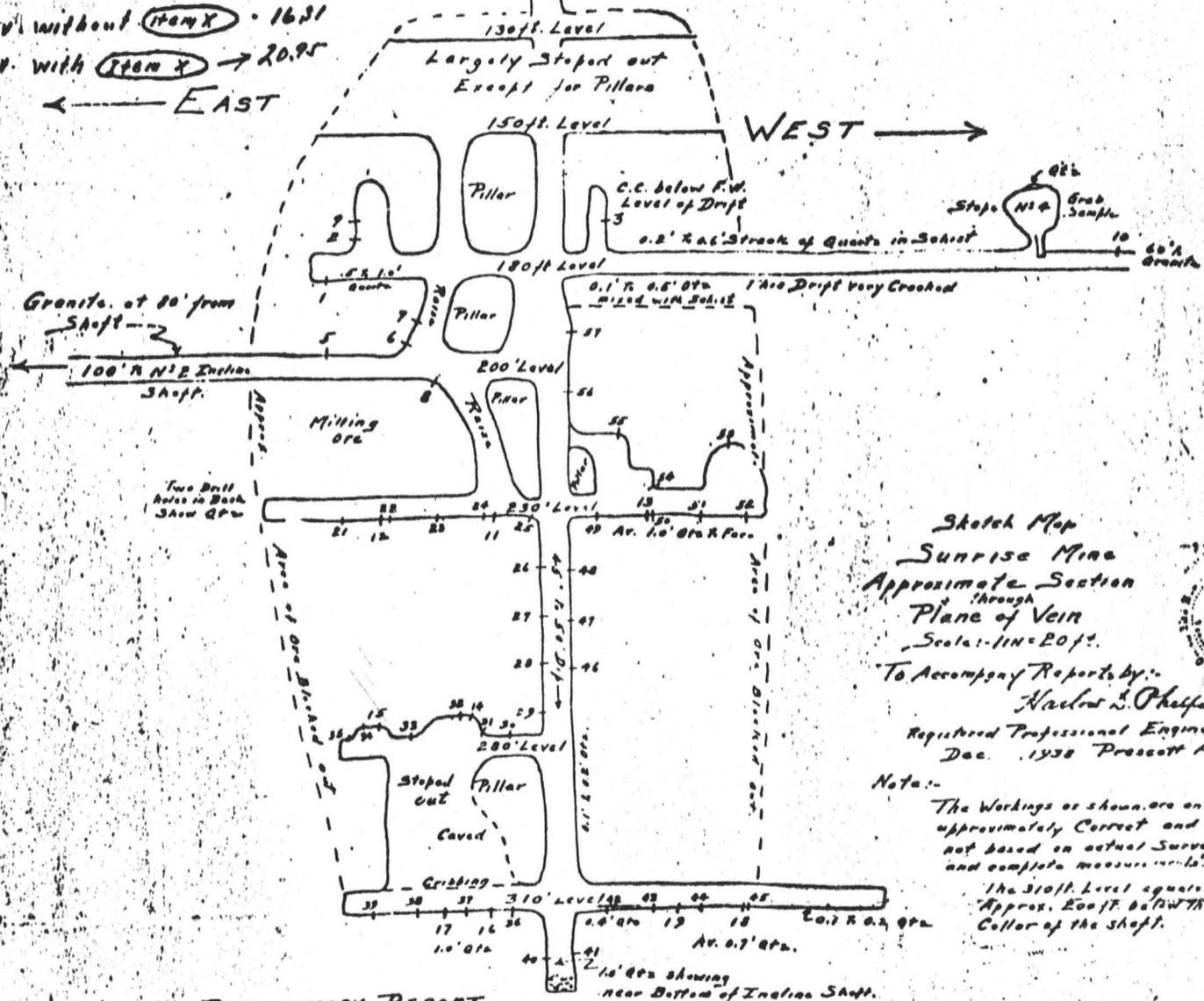
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No. Level	Description	Width	oz. per Ton Gold	oz. per Ton Silver	Value
10 Shaft	Quartz Only	0.8	0.60	-	19.32
11	"	0.5	0.22	0.06	7.12
12-310	"	0.8	0.30	-	9.66
13	"	0.6	0.08	-	2.57
14	"	0.5	0.03	0.07	0.98
15	"	0.6	1.00	0.19	32.26
16 Shaft	"	1.6	0.12	0.10	3.96
17	"	0.9	0.50	0.30	16.28
18	"	0.7	0.16	0.03	5.20
19 230	"	0.7	1.32	0.24	57.77
20	"	1.1	0.92	0.38	29.37
21	"	0.9	0.09	-	2.35
22	"	0.8	0.05	-	1.62
23	"	0.6	0.03	-	0.96
24	"	0.7	0.06	-	1.93
25	"	0.6	0.50	0.30	16.28
26 Shaft	"	0.8	0.50	0.10	16.16
27	"	0.4	0.52	0.08	16.79

No. Level	Description	Width	oz. per Ton Gold	oz. per Ton Silver	Value
21 230	Quartz only	0.8	0.04	0.02	1.31
22	" " " Little Schist	1.0	0.46	-	12.87
23	" " Nearly All Schist	1.1	0.03	-	0.96
24	" " Quartz only	1.3	0.51	-	16.42
25	" " " " " "	1.1	0.12	-	3.76
26 Shaft	" " " " " "	0.8	0.26	-	8.37
27	" " " " " "	0.8	0.52	-	16.74
28	" " " " " "	1.0	0.62	-	19.96
29	" " " " " "	0.9	0.13	-	0.96
30 280	" " Schist	1.0	0.20	-	6.42
31	" " " " " "	1.8	0.10	-	3.22
32	" " " " " "	0.5	2.50	-	50.50
33	" " " " " "	1.4	0.18	0.10	5.85
34	" " " " " "	1.1	0.60	0.40	19.57
35	" " " " " "	0.56	0.54	0.25	275.97
36 310	" " " " " "	1.5	0.36	0.34	11.80
37	" " " " " "	1.3	0.04	-	1.22
38	" " " " " "	0.6	0.20	0.20	6.56
39	" " " " " "	0.9	0.02	0.18	0.75

AV without Item X = 16.31
 AV with Item X → 20.95
 ← EAST



Sketch Map
 Sunrise Mine
 Approximate Section
 through
 Plane of Vein
 Scale: 1" = 20' ft.
 To Accompany Reports by:
 Harold S. Phelps, E. T.
 Registered Professional Engineer,
 Dec. 1938 Prescott Ariz.



Notes:-
 The Workings as shown are only approximately correct and not based on actual survey and complete measurements.
 The 310ft. Level square approx. 200ft. below the collar of the shaft.

PRELIMINARY REPORT.

Sample No.	Level	Distance from Shaft	Description	Width	oz. Gold	oz. Silver	Value	Average
1	180	48'	Quartz only	0.8'	0.34	0.04	10.96	
2	"	42'	Schist Banded with Qtz. Milling	5.0'	0.18	0.12	5.86	
3	"	"	28' In Cross Cut - Qtz + Schist	2.1'	0.02	-	0.64	
4	"	105'	Grab Sample from Shaft - Little Qtz	"	0.02	-	0.64	
5	200	56'	Apparent full width of ore - Qtz + Schist	6.2'	0.03	0.17	1.07	
6	"	32'	In Raise 10' up - Qtz only	1.3'	0.01	0.19	0.44	
7	"	32'	" " " " " "	5.6'	0.04	1.36	2.12	
8	"	25'	Qtz Little Schist	3.2'	0.16	0.24	5.30	
9	180	42'	Mostly all Schist - 10' above Sample No. 2	5.7'	0.52	0.10	16.20	
10	"	122'	Mostly Schist - 11' above Sample No. 2	7.0'	0.01	0.04	1.34	
11	230	13'	4 cuts across Qtz - Av. width 1.4	1.4	0.31	-	9.98	
12	"	37'	3' Qtz + 1.4' Schist - Narrowest Sample	2.7	0.46	1.00	14.11	
13	"	18'	Qtz only	1.0	1.84	-	57.20	✓
14	280	24'	" " " " " "	1.6	6.20	-	199.44	✓
15	"	44'	" " " " " "	1.0	1.10	0.15	35.50	
16	310	16'	" " " " " "	1.4	0.41	-	13.20	
17	"	25'	" " " " " "	1.1	0.14	-	4.36	
18	"	39'	" " " " " "	3.0	0.14	0.06	4.50	
19	"	25'	" " " " " "	0.7	0.60	0.28	20	
20	"	"	" " " " " "	"	1.25	-	39	

AV 0.633

Sunset

ARIZONA TESTING LABORATORIES

A DIVISION OF CLAUDE E. McLEAN & SON LABORATORIES, INC.
817 WEST MADISON ST. PHOENIX, ARIZONA 85007

PHONE 254-6181

For **Triangular Mining Company**
3131 North 33rd Street
Phoenix, Arizona 85018

Date **June 12, 1974**

Sample of **Ore**

Received: **6-10-74**

Submitted by: **Mr. Hart**

ASSAY CERTIFICATE

Gold figured at \$ 200.00 per ounce

Silver figured at \$ 5.00 per ounce

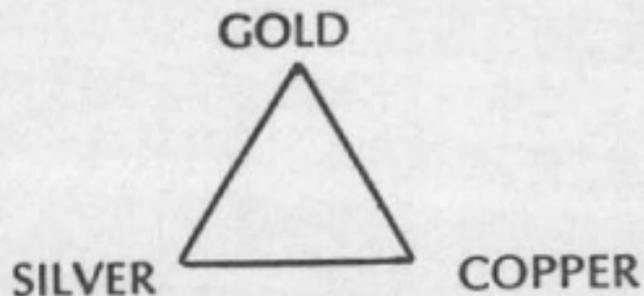
LAB. NO.	IDENTIFICATION	GOLD		SILVER		PERCENTAGES	
		OZ. PERTON	VALUE	OZ. PERTON	VALUE		
7068	#1 Composite of Dump	0.10	\$ 20.00				
	#2 Long Cut	0.04	\$ 8.00				
	#3 Shaft back of hill (pile at shaft)	trace					
	#4 First stope left of shaft as you back down	0.01	2.00				
	#5 Random quartz from dump	0.22	44.00				
	#6 Right & Left of first level working in main shaft.	3.95	790.00				

Respectfully submitted,

ARIZONA TESTING LABORATORIES



Claude E. McLean, Jr.



TRIANGULAR MINING Co.

345 EAST PIERSON STREET
PHOENIX, ARIZONA 85012
Telephone 277-8447

Ron Hanna - 277-8447
M. Russell Hart - 955-5988
Joe Engeln

Lat 33° - 34° N
Long. 113° - 114° W

10-29-1971

AERIAL PHOTO & SURVEYS

TO WHOM IT MAY CONCERN.

On this Day was made Aerial Photos and Magnetometer surveys performed for the owner of the Harcuvar mine.

YUMA, COUNTY, ARIZONA

26 Photographes

Readings on one large body of ore.

Readings on three(3) smaller bodies of ore.

11 miles north of Wenden, Arizona

Cost: Nine Hundred and Fifty Dollars(\$950.00)

J.E. Dotson

50 N. Santa Anna
Mesa, Arizona

Ph. 969-1566

PRELIMINARY GEOLOGICAL
STUDY
ON THE
HARCUVAR PROSPECT
IN
ELLSWORTH MINING DISTRICT
YUMA COUNTY, ARIZONA
FOR
RICHARD FRANK
BY
GRANT W. KIME
CONSULTING GEOLOGIST

GRANT W. KIME
CONSULTING GEOLOGIST
9412 RAMBLER DR.
HUNTINGTON BEACH, CALIF.
536-3787

June 10, 1969

Mr. Richard Frank
1223 South 7th Street
Phoenix, Arizona 85015

Re: Harcuvar Prospect:

Dear Mr. Frank:

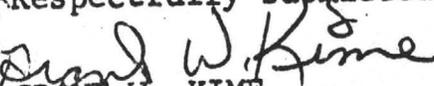
I am pleased to transmit in accordance with your request a Geological Study of certain mining claims that you and your family own in the Harcuvar Mountain Range of Yuma County, Arizona.

After an extensive reconnaissance survey of the entire property, I am attaching the foregoing study.

All data and information gathered in my investigation are believed to reflect a factual and objective picture of the claims as of this date.

The property is an extremely interesting prospect and with the Kentucky Coal Company holding extensive claims in the area, it appears that this is large and a valuable group of claims.

Thank you for allowing me the privilege to serve you and if any further questions pertaining to this study is needed, please feel free to call me.

Respectfully submitted,

GRANT W. KIME
GEOLOGIST

LOCATION

The Harcuvar Prospect is located approximately fourteen (14) miles due north of Wenden, Arizona in the Ellsworth Mining District. The property is situated on the North east side of the Harcuvar Mountain Range. Many producing mines are operating in this area. The mine can be easily reached by auto and is accessible the year around.

The prospect under discussion in this report consists of forty-six claims of which five (5) are patented and forty-one (41) are unpatented. All claims have been recorded in the office of the County Recorders office of Yuma County, Arizona.

GEOLOGY AND ORE OCCURENCES

The geological features of this District are good, and very favorable to the deposition of large bodies of copper ore.

The outcroppings on this property is exceedingly strong, and well-defined, and the vein matter can be traced from 400 feet to 600 feet. The mineralized zones of copper within which this property is situated extends in a northeasterly and southwesterly direction.

Most of the rocks exposed in the Harcuvar area make-up a metamorphosed pre-cambrian complex of volcanic rocks, tuffaceous rocks and sedimentary rocks and associated intruded igneous rocks of diverse composition. After considerable erosion,

this pre-Cambrian complex was covered by rhyolite tuff and intruded by associated dikes of late Cretaceous or early Tertiary Age. Later, stocks of quartz monzonite and associated dikes were displaced. After erosion carved a surface of considerable relief upon these rocks, lava flows and volcanic cones dammed the principal streams, causing deposition of gravels and sands in the main tributary canyons. This stage in the geological history culminated in the outpouring of widespread basalt flows, carved into mesas by the latest interval of erosion.

The structure of the pre-Cambrian sedimentary and volcanic rocks appears to be, in part, an overturned syncline modified by faults. Some of the rhyolite, gabbro, and granite intrusions were guided along high-angle faults. The normal fault is younger than the pre-Cambrian granite but older than the quartz monzonite stocks and associated conglomerates.

Most of the large outcroppings of copper was of a cuprite mineral nature. Some low grade iron appearing to be of a magnetite mineralization was found to be the contact with the cuprite.

It appears from visual appearances that blow-out has occurred making a chimney like condition from which the copper has blown out forming veins with large masses of ore bodies scattered throughout the entire area under discussion.

Some sulfide copper was found in the area, however, most

of the sulfide copper in Arizona is usually found at greater depths.

EXPOSED ORE

Moving from North to South across the claims, a large ore body that assayed 1% copper content has been exposed, this appears to be a large mass deposit and not of the usual vein type. Going further South and up the side of the mountain, several outcroppings assayed 2% copper content. Large diameter shafts and trenches have exposed high grades of copper. One shaft in particular which was approximately six (6') feet wide and fifteen (15') deep has copper that assayed as high as 6%. This also appeared to be of a large mass instead of veins.

Approximately eight (8) large bodies of ore has been exposed. It appears that the ore has a tendency to dip to the South about on a 30⁰ angle.

On the west side of the main ore body, many outcroppings are noted. Some of the copper exposed in this area has an average of about 1% content.

A considerable amount of ore is scattered thru-out the west side of the main ore body, this should indicate that a massive deposit lies beneath the surface of this area.

The blowout that took place on this property has apparently left the ore scattered in a wide and large portion of the Franks claims.

GENERAL DISCUSSION

The copper claims in which this report is directed is well situated with accessible roads the year around.

Electricity is approximately two (2) miles from the property. The ore body lends itself to an excellent open pit operation. A leaching plant could be easily installed and could operate the year around.

The copper ore found on this property can be readily leached and put into a copper cement for an easy product to market.

From the many samples that were taken and assayed, it appears that the ore has an average of 1.50% copper content thru-out the ore body. The contact minerals should give no problem to a leach method of purifying the cement.

I personally believe this to be an excellent prospect, however, I further believe that an extensive core drilling program should be done before any plant or any leach facility is built.

From the exposed ore which is found scattered over the property, it is quite possible that a larger ore body is situated on this group of claims..