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PRINTED: 08/08/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: HARCUVAR COPPER GROUP

ALTERNATE NAMES:

TRIUMPH
MYSTIC
ADA
TREASURE TROVE
MOUNTAIN QUEEN
ARROVA

LA PAZ COUNTY MILS NUMBER: 164

LOCATION: TOWNSHIP 7 N RANGE 13 W SECTION 16 QUARTER E2
LATITUDE: N 33DEG 55MIN 35SEC LONGITUDE: W 113DEG 37MIN 04SEC
TOPO MAP NAME: SALOME - 15 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:

COPPER SULFIDE
GOLD LODE
SILVER

BIBLIOGRAPHY:

AZBM FILE DATA CIRCA 1977
ADMMR HARCUVAR COPPER GROUP FILE

HARCUIVAR COPPER GROUP
YUMA COUNTY

R12W
R13W

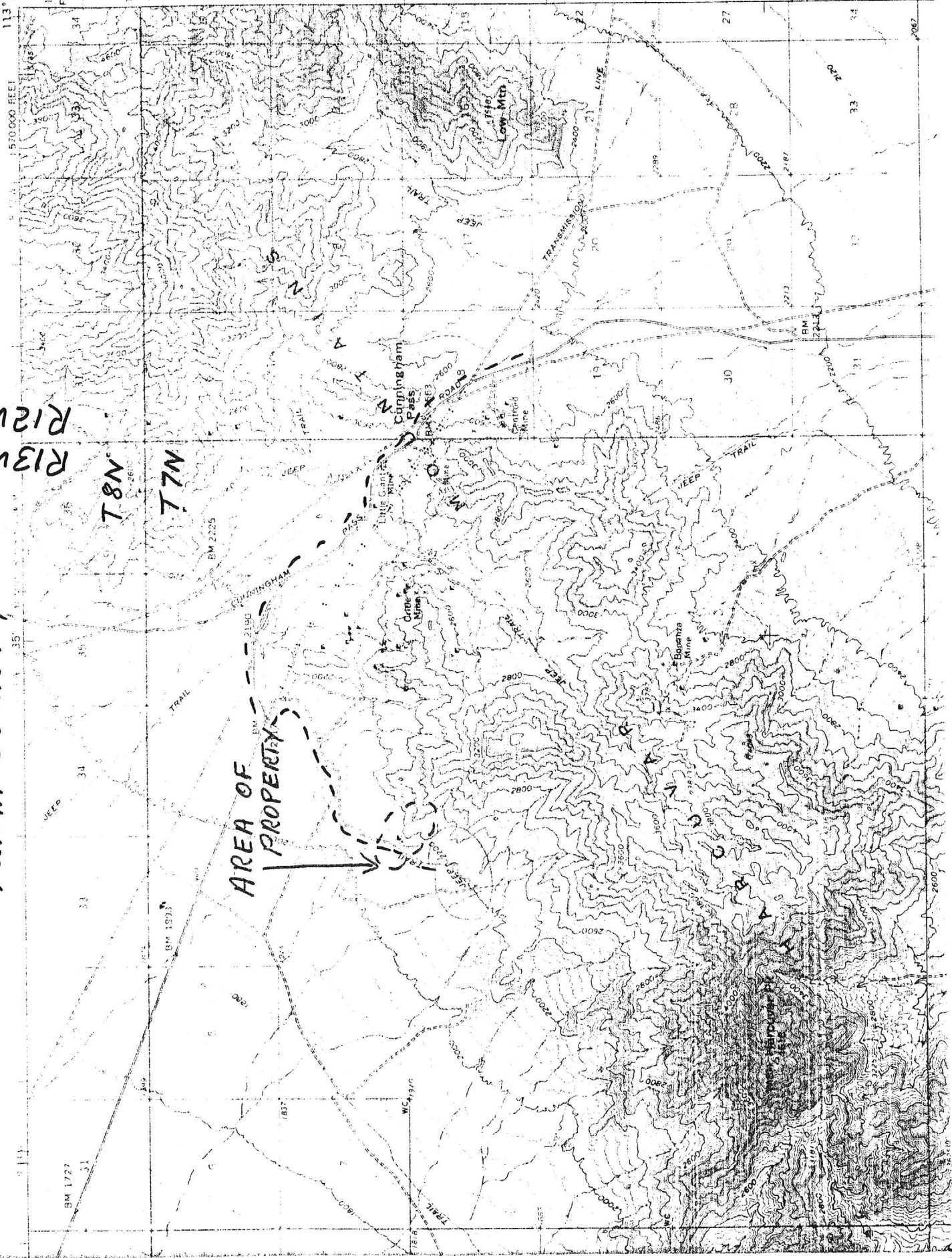
T8N
T7N

AREA OF
PROPERTY

SALOME QUADRANGLE
ARIZONA-YUMA CO.

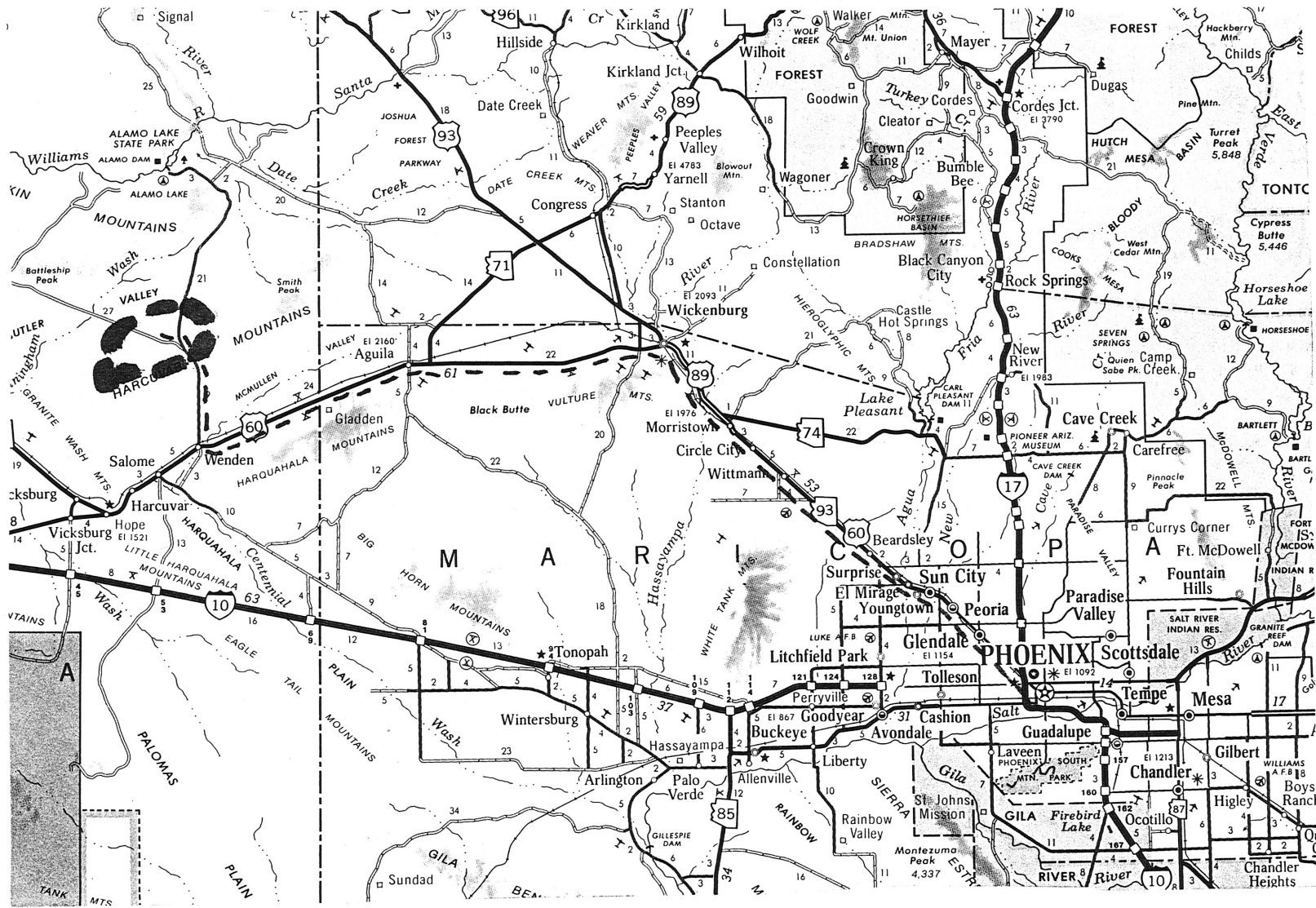
15 MINUTE SERIES (TOPOGRAPHIC)

113°30'
34°00'
1,090,000
FEET



55'
T 7 N
1 2 N

Map showing regional location of Harcuvar Copper Group.



HARCUVAR COPPER GROUP

YUMA COUNTY

Rumored that Powdered Metals have optioned this property. LP 9-3-68

In the company of F.W. Russell this property was visited by Ken Phillips and Nyal Neimuth on May 4, 1981. A separate report has been written.

NJN WR 2/22/85: Helen Kressly (c) 8413 E. Bonnie Rose, (P O Box 815) Scottsdale, Az. 85253, phone 947-1701 reported she still owns the ADA, Treasure Trove, Mystic, Northeast and Sunnyside patented claims compsoing the Harcuvar Copper Group (f) La Paz County. She wants to sell these claims and was asking \$500 /acre. She will now consider any reasonable offer.

12

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Harcuvar Copper Group

Date May 4, 1981

District Cunningham Pass

Engineer Ken A. Phillips *KAP*

Nyal Niemuth *N*

Subject: Mine visit to a portion of the Harcuvar Copper Group in the company of Frank Russell.

County: Yuma

Principal Minerals: Copper, Gold, Silver

Location: Portions of sections 15 & 16, T7N, R13W

Topographic Quadrangle: Salome, Arizona, 15'

References: Arizona Department of Mineral Resources, Harcuvar Copper Group mine file.

Land Position: Patented Claims-total of mine: Triumph, Mystic, Harcuvar, Ada, Sunny Side, Midget, Treasure Trove, Arrova, and Mountain Queen. M.S. 2482. Shown BLM Mining District Map nos. 369 and 370. Portion of these patents owned by Helen Kressly as explained under "Ownership".

Access: North from Wenden through Cunningham Pass on Cunningham Pass (Alamo Lake) road, then as shown on attached portion of Salome, Arizona 15' topographic quadrangle.

Terrian: Desert mountains on the north side of Harcuvar Mountains. Desert gullies, alluvial fans and steep ridges.

Ownership: Mrs. Helen Kressly, 8413 E. Bonnie Rose (P.O. Box 815), Scottsdale, Arizona 85253. Mrs. Kressly reports she owns a portion of the patented group as follows: All of the Triumph, Ada, Mystic and Treasure Trove and a NE portion of Sunny Side. 92.27 acres in all.

Operating History: No factual data is available. It appears that a copper-silver-quartz vein outcrop was discovered on a steep ridge; that the outcrop was prospected by a few shallow pits on the vein and that a decision was made to drive an exploratory crosscut in an attempt to intersect the vein a few hundred feet below the outcrop. The Midget crosscut was driven to the north east from the south west side of the ridge a few hundred feet below the crest of the ridge and apex of the vein. It does not appear that the crosscut intersected the vein. NO PRODUCTION noted.

Geologic Setting: Precambrian gneiss with a structural trend of N30°W dipping 40°-60°E. Small larmide granite intrusions outcrop to the east of the property.

Mineralization: Limited. Copper sulfides in quartz vein which strikes N30W and dips 40°-60°E. Vein is generally less than 1 foot wide where visible in outcrops and pits. Surface material contains chrysocolla malachite and azurite. Some vugs contain quartz and calcite crystals. Very small amounts of chalcopyrite are visible in freshly broken samples of near surface vein material.

The Midget Crosscut was driven N60°E to intersect the vein a few hundred feet below its outcrop. Nearly all of the crosscut is in barren biotite gneiss. A couple of minor very narrow (1"-4") structures (note worthy only in contrast to the barrenness of rock exposed in the remainder of the crosscut) exhibited manganese-calcite-siderite in narrow stringers. The crosscut also cuts a 2½-3' wide diorite dike. All are parallel with the gneiss.

The dump contains fresh biotite gneiss. A very small amount of the gneiss exhibited slight iron staining. A single specimen of quartz vein material found on the dump contained small specks of chalcopyrite.

Reserves: None. The potential to develop ore is unknown. The single vein exposed on the surface is narrow. It had either pinched out or was not reached at the crosscut level.

Workings: Midget Crosscut; approx. 550 long striking N60°E east.

Sunny Side discovery prospect pit, 6'-8' deep on vein. Additional shallow pits on outcrop.

Sample Data: During the property visit of May 4, 1981 two samples were taken by F. W. Russell, Nyal Namuth and Ken Phillips from the vein along the outcrop. There was nothing to sample in the crosscut. The two samples are described below:

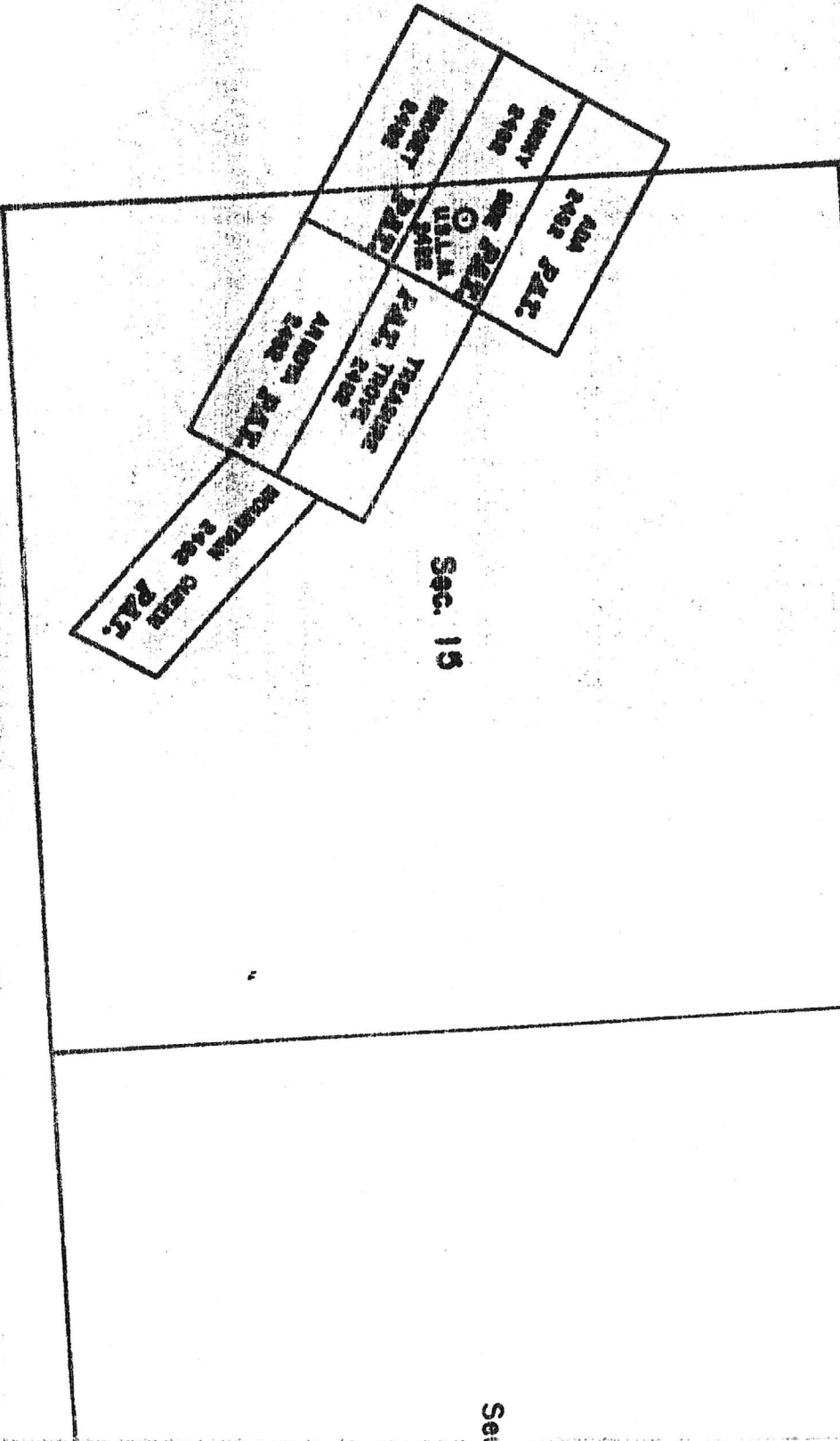
<u>Number</u>	<u>Description</u>	<u>Width</u>	<u>Results</u>		
			<u>Gold</u> <u>tr oz/ton</u>	<u>Silver</u> <u>tr oz/ton</u>	<u>Copper</u> <u>%</u>
1	Across vein in south face of discovery prospect pit on Sunny Side patent. Quartz vein material containing oxide copper minerals.	10"	0.04	0.06	1.40
2	Hand selected (for copper values) from hand sorted pile of "ore" beside discovery prospect pit on Sunny Side patent. Same material as #1 with more oxide copper.	Not Applicable	0.026	Nil	6.25

Assay certificate attached.

- Suggestions for Additional Work:
- (1) The ownership of the group should be consolidated. Mrs. Kessler is believed to own part of the patents. The owners of other patents in the group are unknown. However it is believed that Mrs. Kessler's land position does not include portal to the Midget Crosscut and it may not include the discovery prospect pit or vein outcrop on the Sunny Side.
 - (2) Best prospect work on the Sunny Side vein outcrop should be mapped and sampled.
 - (3) The Sunny Side vein should be projected down dip to determine if the Midget Crosscut was of sufficient length to intersect the vein.

PORTION OF BLM
MINING DIST SHEET # 369
NE 1/4 T. 7N., R. 13W.
HARCUIVAR DIST.
ARIZ.

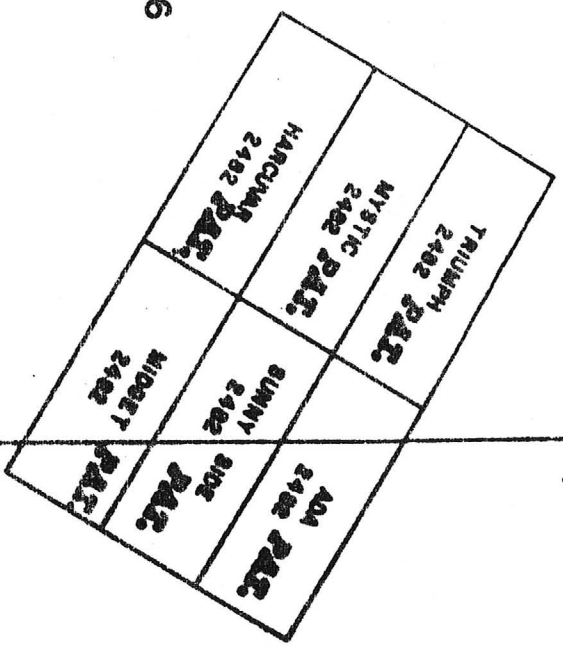
Sec. 10



Sec. 15

Sec

PORTION OF BLM
MINING DIST SHEET # 370
NW 1/4 T. 7N. R. 13W
HARCUIVAR. DIST. ARIZ



Sec. 16

IRON KING ASSAY OFFICE ASSAY CERTIFICATE

BOX 247 — PHONE 632-7410
HUMBOLDT, ARIZONA 86329



ASSAY
MADE
FOR

Frank Russell
 6515 Glidden Lane
 San Diego, Ca. 92111

May 5, 1981

REF. NO.	DESCRIPTION	oz/ton Au	oz/ton Ag	%	Fe	Pb	Zn	Cu
5-7-2	Sunnyside #1	0.040	0.06					1.40
-3	#2	0.02	Nil					6.25

~~CUT~~ CUT IN PIT
HIGHGRADE OF DUMP
SELECTED FOR COPPER

CHARGES \$ 25.50

ASSAYER _____

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Harcuvar Claims

Date January 8, 1963

District Cunningham Pass Dist., Yuma Co.

Engineer Lewis A. Smith

Subject: Interview with Phillip Hoyt, Scottsdale.

(should be section 17)

\$27228, T7N 13W

— 1098WNE

James P. Mickelson

5448 Sycamore Ave

Ria Ho

Location: S. 32, T. 8 N., R. 13 W., 4 miles NW of Cunningham.

Claims: 9 patented claims (Triumph, Mystic, Harcuvar (w. end); Ada, Sunnyside, Midget (center) Treasure Trove, Arroyo (e. end), Mountain Queen (far east at angle to rest). The long sides of the claims trend S 58° 26' E and the Mountain Queen trends N 45° 28' W. These adjoin the Oro Cobre to the north (Survey No. 2482) for Harcuvar Mining Company (185.422 acres).

Mineral: Copper, gold.

Work: According to Hoyt, besides a 511 foot adit there are several shallow shafts and cuts.

Geology: The area consists of gneiss and diorite. The deposits follow a zone 40 to 60' wide along the contact between these rocks. This zone is said to be traceable for a considerable distance. The minerals near or at the surface contain malachite and some chalcocite. In depth chalcopyrite and pyrite occur. The drift tunnel in one place shows ore that is said to run 3.5 per cent copper, 1.5 ounces of silver and \$6-8 in gold per ton. The vein or lode in this place is reported to be 1-3 feet wide. The contact zone trends NW-SE and is essentially vertical.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Harcuver Copper

Date July 18th 1946

District Ellisworth Ariz

Engineer A. C. Nebeker

Subject: Report of trip, or findings

On the morning of the 18 I drove to Wenden to make an examination of two group of claims for Mr. W. G. Hockett, one the Harcuver Copper Co. Group and the other the Unity Group. Mr Hockett had not been on either of these groups so it took some time looking up some body who could tell us where they were located and how to get there.

The Harcuver is about 13 miles North of Wenden. The road is good to Cunningham Pass but from there to the property rough with high centers, in fact I slid off one high point and made a hole in the oil pan and lost all the oil, which put my the car in the garage.

I saw the property on which several hundered feet of work has been done, but no ore or mineral vein was seen. The whole formation is granite and granite-gneiss.

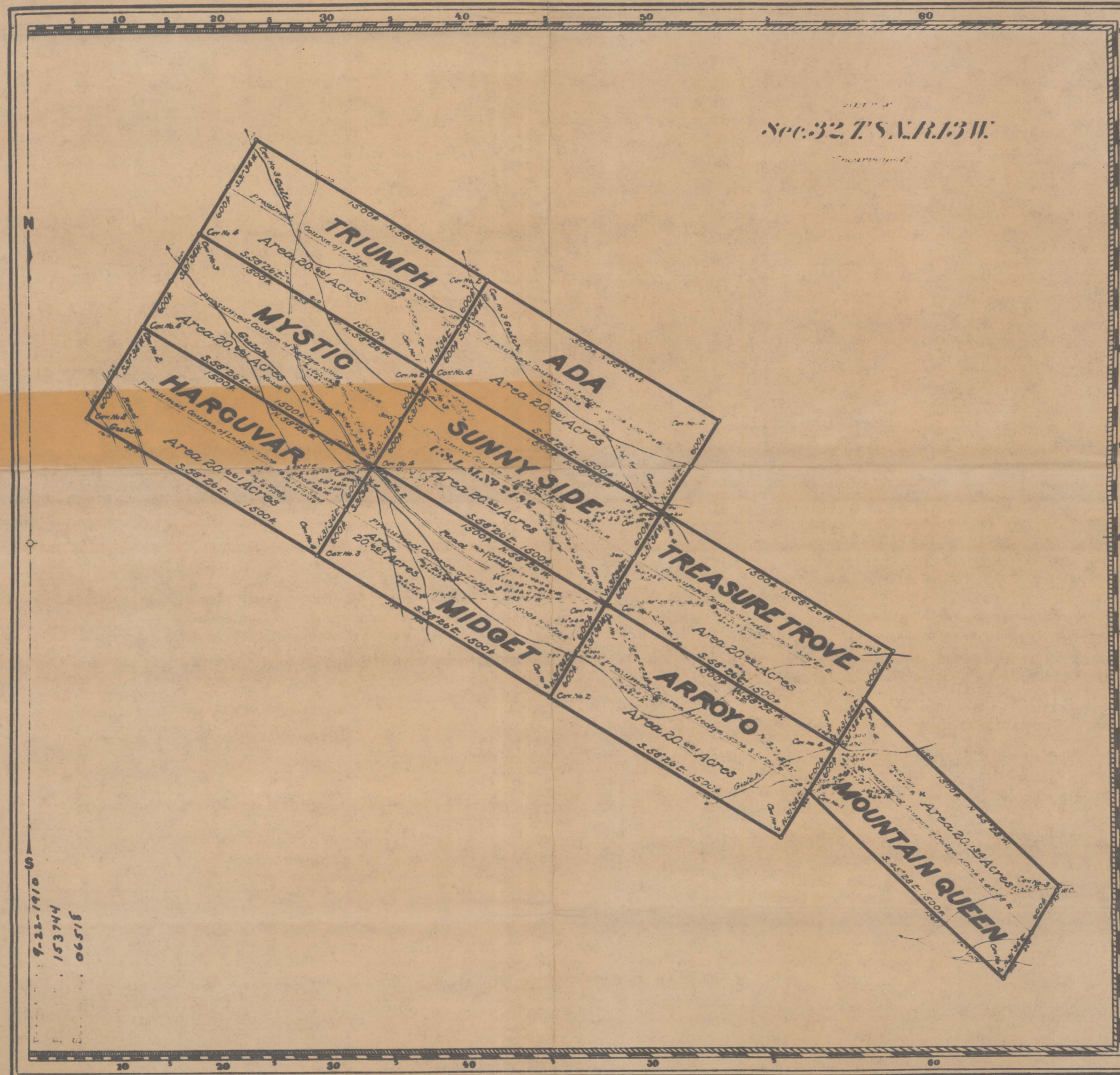
I took my car back to Wenden to get repaired and there got another car to take us to the Unity group which is out north 10 miles, the road was fairly good. The formation here is granite and schist. I saw one mineral break which may have some values. The main tunnel in about 400 feet did not show anything of a mineral nature. It was now getting dark so we went back to town without seeing any ore.

We meet in town two men who told us they had worked at the Unity and shipped ore. They said the vein was on top of the hill and was brought to the road by a homemade tram.

We decided to go back the next morning to see the vein they claimed ore was shipped from, but the heavy rain during the night and the next morning rained us out, so did not see the main vein.

LAPAZ - Table Records

NUMBER	FILE	CONT	CONT1	PRINAME						
164	F	0	N	HARCUVAR COPPER GROUP						
ALTNAME1				ALTNAME2						
TRIUMPH				MYSTIC						
ALTNAME3				ALTNAME4						
ADA				TREASURE TROVE						
ALTNAME5				ALTNAME6						
MOUNTAIN QUEEN				ARROVA						
CURSTAT				MNAME	NLATDEG	NLATMIN				
UNKNOWN				SALOME - 15 MIN	33	55				
NLATSEC	WLONGDEG	WLONGMIN	WLONGSEC	TOWN	RANGE	SECTION	QUARTER	COM1		
35	113	37	04	7 N	13 W	16	E2	CU		
MOD11	COM2	MOD12	COM3	MOD13	COM4	MOD14				
SULFIDE	AU	LODE	AG							
COM5	MOD15	COM6	MOD16	COM7	MOD17					
BIB1										
AZBM FILE DATA CIRCA 1977										
BIB2										
ADMMR HARCUVAR COPPER GROUP FILE										
BIB3										
BIB4										



9-22-1910
153744
06515

Sec. 32, T. 5 S., R. 13 W.

Claims located April 17 1907.
Sunny Side Area June 3
Mineral Survey No. 2182

Lot No. Land District.

PLAT
OF THE CLAIM OF
Harcuvar Copper Co.

KNOWN AS THE

Triumph, Mystic, Harcuvar, Midget,
Sunny Side, Ada, Treasure Trove,
Arroyo and Mountain Queen.
IN ELIZABETH MINING DISTRICT,
YUMA COUNTY, ARIZONA.

Containing an Area of 165.422 Acres.
Scale of 500 feet to the inch.
Variation 14° 45' E.

DATED Oct. 15-26, 1907, BY
Herbert C. Shatwell
U.S. Deputy Mineral Surveyor.

The Original Field Notes of the Survey of the Mining Claim of
Harcuvar Copper Co.
known as the
Triumph, Mystic, Harcuvar, Midget,
Sunny Side, Ada, Treasure Trove,
Arroyo and Mountain Queen.

from which this plat has been made under my direction
have been examined and approved, and are on file in this Office,
and I hereby certify that they furnish such an accurate descrip-
tion of said Mining Claim as will, if incorporated into a patent,
serve fully to identify the premises, and that such reference
is made therein to natural objects or permanent monuments
as will perpetuate and fix the locus thereof.
I further certify that five hundred dollars worth of labor has
been expended or improvements made upon said Mining
Claims by claimant or its grantors, and that
said improvements consist of, at time of survey,
8 Shafts, 6 Cuts, 1 Tunnel and a wagon Road,
value \$38 00.

that the location of said improvements is correctly shown
upon this plat, and that no portion of said labor or im-
provements has been included in the estimate of expendi-
tures upon any other claim.
And I further certify that this is a correct plat of said Mining
Claim made in conformity with said original field notes of the
survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office *Frank J. Angelle*
Phoenix, Arizona U.S. Surveyor General for
22, 1903. ARIZONA.