



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SAN JUAN DEPOSIT

ALTERNATE NAMES:

GREEN COPPER CLAIMS
BURKHARDT COPPER PROSPECT

PINAL COUNTY MILS NUMBER: 617

LOCATION: TOWNSHIP 9 S RANGE 12 E SECTION 15 QUARTER SE
LATITUDE: N 32DEG 38MIN 50SEC LONGITUDE: W 111DEG 05MIN 06SEC
TOPO MAP NAME: TORTOLITA MTS - 15 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

COPPER SULFIDE
COPPER OXIDE
MOLYBDENUM

BIBLIOGRAPHY:

BARTER, CHARLES F., GEOLOGY OF THE OWL HEAD
MINING DISTRICT PINAL CO. AZ. MS UOFA 1962
HICKS, CLIFFORD J., MO OCCURENCES IN AZ,
1979, ADMMR P. 21
ADMMR SAN JUAN DEPOSIT FILE

Burkhardt Claims (file), Pinal County, Arizona

Glynn Burkhardt, Tucson along with his partners Messrs. Baron and Boykin, have located 40 copper claims (37 State and 3 Federal) in the area of Sec. 15, T 9 S, R 12 E near Owl Head. ALJ – WR, 5-7-1962 (copied from 'Yellow card' titled Baron and Boykin Dec. 28, 2001)

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Burkhardt Claims

Date June 25, 1964

District Black Mountain District, Pinal Co.

Engineer Axel L. Johnson

Subject: Mine Visit. Information from Glynn G. Burkhardt, and personal visit.

Location Sections 14, 15, 22, & 23 -- T 9 S - R 12 E. Drive Hwy 80-89 north from Tucson for a distance of about 36 miles to about mile post 101, then take the Red Rock road. Drive west on the Red Rock road for a distance of 3.6 miles. Turn left (south) and drive about 1/2 mile to the claims.

Owners Glynn G. Burkhardt, 5701 E. Calle Aurora, Tucson, Ariz.
Robert Lee Boykin, 4620 W. Pima Farms Road, Tucson, Ariz.

Number of Claims

- (1) 26 claims on State lands --- 22 are covered by State leases, and applications are pending on 4 claims. 5 of these claims are 'type a', and the remainder are 'type b'.
(2) 3 claims on Federal land. These are on the north side of the Red Rock Road.

Principal Minerals Copper, with minor amounts of molybdenum.

Present Mining Activity Idle.

Geology Copper minerals are found as outcrops and near the surface. Country rock appears to be quartz monzonite, and determined by geologists as quartz monzonite. Copper ores are about 50 % oxides and 50 % sulphides. Minerals found are malachite, azurite, chrysocolla, secondary chalcocite, and lesser amounts of bornite and chalcopyrite.

Ore Values Mr. Burkhardt reports that 46 samples have been taken on the property:-

- (1) 40 samples on the different ore exposures all over the property ran 1.25 % copper (average of all the samples), this being a mixture of oxides and sulphides.
(2) 6 samples taken in the open cut described under "Mine Workings" -- (a) ran 1.75 % copper average. This was also a mixture of oxides and sulphides.

Mine Workings

- (a) 1 open cut -- 150 ft. long, 100 ft. wide, and from 8 to 10 ft. deep. Copper ore is exposed throughout the entire open cut. See sample above.
(b) 12 to 15 small open cuts in various locations of the claims. Most of these are approximately 4' x 4' x 3'

Proposed Plans Owners wish to sell, option or lease to some operating company. Mr. Burkhardt suggested an "option to purchase" for \$ 2,000,000 on the 29 claims.

BURKHARDT CLAIMS

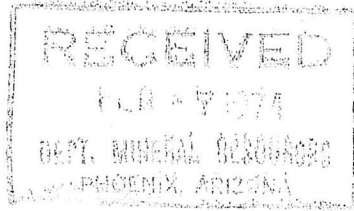
PINAL COUNTY

Kerr-McGee interested. ALJ WR 7-18-64

A brief stop was made at the Burkhardt Claims 30 & 21 R12E, T8S, Sec. 33 E $\frac{1}{2}$ where two very small fissures strike NE, dip 80NW in andesite contains some copper oxide. Workings consist of 20' shaft. REL WR 8-21-73

Glynn Burkhardt reported that he has done his assessment work on his claims in the Owl Head district. AMAX has an option on some of his claims and was doing geophysical work at this time. GI WR 9-5-73

STATE OF ARIZONA
DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA 85007



February 1, 1974

TO: R. E. Lehner
FROM: L. Pare
RE: Owl Head mining district properties

1 (p. copy attached) in 1962 when the Blue Copper Patented claims was separated from the unpatented Blue Copper - they were under different ownership. Does Mr. Burkhardt now own the patented claims that were held by R. J. Edwards?

2 - are the claims (26 on State land) written up by Axel in 1964 the same as the property you call the Blue Star? Your report of a field visit (November 20, 1973) does not show ownership, but I am assuming that it belongs to Burkhardt, et al???

Not necessary to return the photocopies.

C
O
P
Y

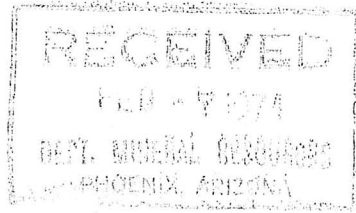
Memo

Re: #1 - On the photo copy of Johnson's Feb. 14 1962 Engr's Report it is only mentioned that a $\frac{1}{2}$ section of patented land was purchased by R. J. Edwards. This land is not identified as to what section, what Township or Range? It could be any place. However, I called Mr. Burkhardt and asked him if a Mr. Edwards still held ownership of patented land in the general area. Burkhardt said basically it is his because it was assigned over to him although the property is still in Edwards' name.

I hope this straightens this matter out to your satisfaction. If not, come back at some and I'll try again. As I mentioned, since 1962 till now, a period of 14 yrs, land ownership changes drastically and you can never keep on top of it all. If a person is interested in the area I would direct them to go to the BLM Department and look over a plot; find out land ownership (state, private, federal) and go from there.

- BJB
2/5/74

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Green Copper Claims
(formerly San Juan Claims)
District Owl Head District

Date December 6, 1973

Engineer R.E. Lehner

Subject: Field Investigation

Location: T 9 S, R 12 E, Secs. 14, 15, 23, 24 ($\frac{1}{2}$ mile S of Red Rock Rd. and 2 miles W of U.S. Highway 89)

Owner: Glynn G. Burkhardt, et al
Rt. 2, Box 701A
Tucson, Arizona 85715
Phone: 298-8938

Geology & Mineralization: The so-called San Juan claim area has been changed by Burkhardt, the present owner, to the Green Claim copper group. This area comprises a 2-3 square mile area in the Owl Head Mining District which contains rather widely scattered copper oxide mineralization. The area comprises a pediment with many low-lying outcrops of Precambrian schist and granitic rocks which extend through shallow gravel cover as outcrops, usually in washes. The copper showings in the many individual outcrops have been prospected by numerous prospect pits and trenches. Chrysocolla and malachite are the most common copper minerals and they occur mainly along fractures of the schist and granitic rocks. It is not certain whether most of the copper was transported or oxidized very close in place. Sulfides appear to be lacking and evidence of their prior existence is rare. Also, the rocks are not strongly altered and the existence of propylitic minerals of chlorite and epidote are often common in Precambrian rocks and are of no significance here. Therefore with what little time I spent in the area I would favor the idea of the copper being transported to its present places of occurrence.

Apparently some shallow drilling has been done in the area according to the Univ. of Ariz. thesis written by Chas. Barter, (1962) and many I.P. surveys have been run over the area according to Glynn Burkhardt (personal communication). However, this large gravel covered area remains an intriguing and enticing exploration area with the many signs of copper mineralization. But what is exposed is most likely to be typical of what might be covered. Except for high-graded samples which can be collected, the mineralization probably assays between 0.1% and 0.3% copper.

References: Univ. of Ariz. thesis - Chas. F. Barter, (1962)
" " " " - C.D. Iles, (1967)

Blue Copper (file) Final

GREEN COPPER CLAIMS

PINAL COUNTY

See: Blue Copper (file) Pinal

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

1. Information from: Glynn Burkhardt

Company:

Address: 9100 Indian Hill Road
Tucson, Arizona 85719

2. Phone: 749-1319
3. Mine: San Juan Deposit
4. ADMMR Mine File: Green Copper Claims file
5. County: Pinal MILS Number: 617
6. Summary of information received, comments, etc.:

Glynn Burkhardt and his son Glynn were in to meet with the State Land Department, a representative of the Governor's Tucson office, State Representative Roger Hooper from Casa Grande, and Martin Sepulveda from the Arizona Department of Commerce. Mineral royalty provisions on State Trust Lands were discussed.

The Burkhardts own/control the Federal mining claims on the San Juan Deposit and have submitted them to Cambior U.S.A. Cambior is also reported to have a number of prospecting permits on State Trust Lands surrounding the Burkhardt's claims. The Burkhardts report that Cambior has spent \$100,000 on exploration on the combined holdings. Further, the Burkhardts report that Cambior wants to option their claims, contingent on a reasonable royalty rate from the State Land Department.

Date: 6/8/92 Engineer: Ken A. Phillips

0.96% Cu
36/34.62

GREEN COPPER CLAIM GROUP

OWL-HEAD DIST.
Prop. of Burkhardt
f R. FORMERLY Green Copper Project
San Juan Area

San Juan

30 So. Main St.
P. O. Box 1889

Jacobs Assay Office

PHONE MA 2-0813

Registered Assayers

Tucson, Arizona,

May 26th 1962

Sample Submitted by Mr.

Burkhardt - Brykens - Baron

Sample Marked	GOLD Ozs. per ton ore	GOLD Value per ton ore	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Per Cent Wet Assay	Per Cent Wet Assay	Per Cent Wet Assay
ATO-1				1.92				
2				1.47				
3				2.06				
4				0.55				
5				1.50				
6				0.83				

* Gold Figured \$35.00 per oz. Troy

Very respectfully,

Charges \$

900

Ben P. Jacobs

Registered Assayers

Tucson, Arizona,

196.2

Sample Submitted by Mr

Sample Marked	GOLD Ozs. per ton ore	GOLD Value per ton ore	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Per Cent Wet Assay	Per Cent Wet Assay	Per Cent Wet Assay
NADA-#1				76				

* Gold Figured \$35.00 per oz. Troy

Charges \$ 3.00

Very respectfully,

Jacobs Assay Office

30 So. Main St.
P. O. Box 1889

PHONE MA 2-0813

Registered Assayers

Tucson, Arizona

196 2

Sample Submitted by Mr

Sample Marked	GOLD Ozs. per ton ore	GOLD Value per ton ore	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Per Cent Wet Assay	Per Cent Wet Assay	Per Cent Wet Assay
BBB 1				2.28	-			
2				2.00				
3				0.82				
4				1.26				
5				0.21				
6				1.30				
7				0.61				
8				1.00				
9				1.08				
10				1.05				
11				1.45				
12				1.54				
13				0.79				
14				0.74				
15				1.75				
16				1.60				

* Gold Figured \$35.00 per oz. Troy

Charges \$.

Very respectfully



Registered Assayers

HAWLEY & HAWLEY

ASSAYERS AND CHEMISTS, INC.

1700 WEST GRANT ROAD - TELEPHONE 622-4836 - POST OFFICE BOX 5934

TUCSON, ARIZONA 85703

THE SOUTHWEST'S LEADING ASSAYERS AND REPRESENTATIVES

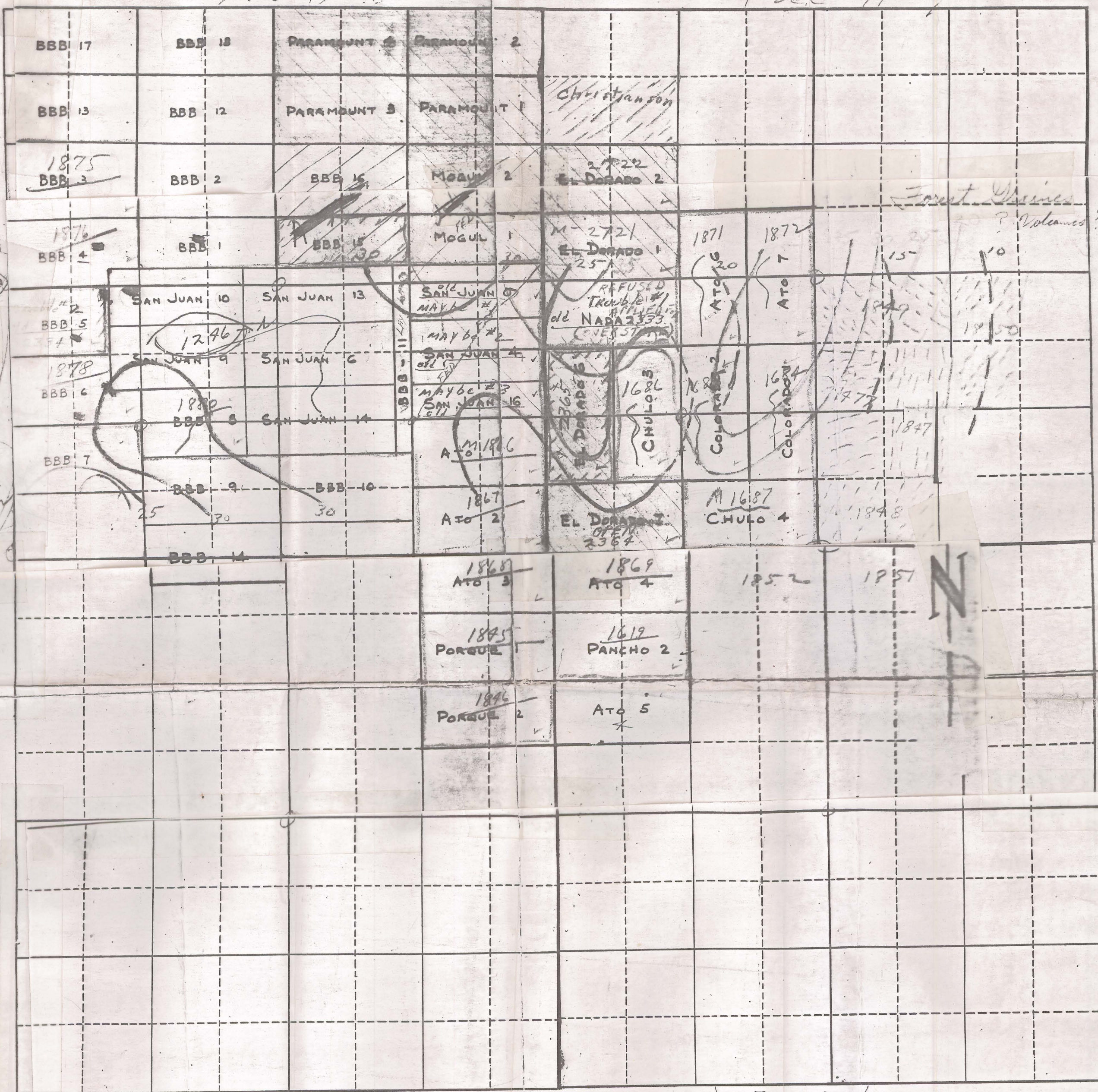
Branch Representatives at Buyer's Plants:
Phelps Dodge Corp., Douglas, Arizona; ASARCO, El Paso, Amarillo, Texas and Hayden, Arizona

IDENTIFICATION	Gold ozs.	Silver ozs.	Lead %	Copper %	Ox. Copper %	Zinc %	Mo. %		
GB 1				0.17					
2				0.36					
3				0.16					
4				0.13					
5				0.23					
6				0.38					
7				0.48					
8				0.60					
9				0.50					
10				0.57					
11				2.00					
					6.05				

CC: Freeport Sulphur Co. ADD: 975 N. Alvernon CITY: Tucson ADD: CITY:	REMARKS: Special	Analysis Cert. By <i>Richard</i> Drying 4 samples 1.00 Preparation \$ 8.25 Analysis \$ 19.25
ACC: FREEPORT SULPHUR COMPANY	Date Spl. Received 2/27/65	Date Compl. 12/31/65
	TUC 329335	\$ 28.50

Section 15 Township 9S Range 12E

Section 14 Township 9S Range 12E



Section 22 Township 9S Range 12E

Section 23 Township 9S Range 12E

SAN JUAN AREA, TORTOLITA MTS (OWL HEAD MINING DIST.)

CLAIM MAP - BURKHARDT COPPER PROSPECT

Pinal County, Arizona

Countour Int = 5 Mineral Units

Depth:

1,000'

Applied for

Applied for - broken back 1,600'

Scale:

800 400 0 800 1600 2400 Feet