

Form 3400-11  
(September 1967)  
(formerly 4-683)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number

4738

State

Arizona

Land District

Arizona

Of the Survey of the Mining Claim of *(name and address of Claimant)*

Bagdad Copper Corporation  
P. O. Box 245  
Bagdad, Arizona 86321

Known as the *(name of group, if any)*

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Blanket	9/1/06	

Mining district Eureka			County Yavapai	
Section 4 & 5	Township 14 North	Range 9 West	Meridian G. & S.R.	Survey under order dated 5/17/73
Survey commenced 5/18/73		Survey completed 12/12/78	Name of Mineral Surveyor Louis A. Cornejo, P.E.	

4138

Arizona

Arizona

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WATER RIGHTS

Richard L. Brown Corporation  
Phoenix, Arizona

STATE OF ARIZONA

Arizona

4138

Arizona

STATE OF ARIZONA  
DEPARTMENT OF WATER RESOURCES  
Phoenix, Arizona

FEET	
	<p>This survey was made with a Wild T-16 theodolite, No. 54727 with horizontal limb 3.125 ins. in diam., having one optical reading vernier and a full vertical circle 3.125 ins. diam., having one optical reading vernier; the verniers read to one minute of arc; the eyepiece is equipped with a colored shade set in the dust shutter for making direct observations of the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.</p> <p>All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observation:</p> <p>August 8, 1973 at Cor. No. 1 of the Blanket lode, in latitude 34°34'54"N., and longitude 113°13'13"W., elevation 3,215 ft. above sea level, and temperature 82°F., make a series of six altitude observations on the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from a reference point about 700 ft. eastward NE. to the sun.</p> <p style="text-align: center;">             Mean time of observation,              105th meridian standard              time = 8<sup>h</sup>13<sup>m</sup>57<sup>s</sup> a.m.         </p> <p style="text-align: center;">             Declination of sun at mean              time of observation = 16°03'36"N.         </p> <p style="text-align: center;">             Mean observed vertical              angle to sun's center = 28°39'24"         </p> <p style="text-align: center;">             Mean horizontal angle from              reference point to sun's              center = 42°57'52"N-E         </p> <p style="text-align: center;">             True bearing to reference              point = N.46°40'E.         </p> <p>The lines were measured with a K &amp; E steel tape, 301 ft. in length, graduated every foot for 300 ft. and the remaining foot graduated to tenths and hundredths; the tape was compared with a 200 ft. standard tape at the beginning of the survey and found to be correct.</p> <p>All lines and connections of this survey were run by direct methods.</p> <p>The magnetic declination observed at each corner of the survey gave a uniform value of 14°40'E.</p>
	<p>Mineral Survey No. 4738</p>

FEET	BLANKET LODE
	<p>Beginning at Cor. No. 1 of the Blanket lode, identical with Cor. No. 1 M.S. No. 2818 Copper Glance lode, Cor. No. 3 M.S. No. 2818 South Extension Mt. Deposit lode and Cor. No. 6 M.S. No. 780 Amd., Mountain Deposit lode.</p> <p>Found a pine post, 4 ins. square, 4 ft. above ground, firmly set in a mound of stone and properly marked to which I add marks B-1-4738; from which</p> <p>The 1/4 sec. cor. of secs. 4 and 5, T.14 N., R.9 W., G.&amp; S.R.M., bears S.37°22'06"E., 534.25 ft. dist.; monumented with an iron post, 1 in. in diam., 10 ins. above ground, firmly set, with a brass cap properly mkd., and with a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Cor. No. 1 M.S. No. 3186 Amigo lode, identical with Cor. No. 4 M.S. No. 3186 Palestine lode, bears S.18°59'08"E., 560.41 ft. dist.</p> <p>Thence S.25°08'30"E.</p>
190.	Center of road, 16 ft. wide, bears N.47°W. and S.24°W.
380.	Gully, 6 ft. wide, bears S.47°W., drains N.47°E.
450.	Center of road, 16 ft. wide, bears S.44°W. and N.63°E.
600.	Ridge, bears S.36°W. and N.36°E.
661.02	Intersect line 4-1 M.S. No. 3186 Palestine lode, at a point from which Cor. No. 4 bears N.55°12'W., 119.98 ft. dist.
960.	Center of road, 16 ft. wide, bears East and West.
970.	Ridge, bears N.46°W. and S.46°E.
1,410.	Center of road, 16 ft. wide, bears N.76°W. and S.76°E.
1,475.	Gully, bears S.86°W., drains N.86°E.
1,500.00	<p>Cor. No. 2, identical with Cor. No. 2 M.S. No. 2818 South Extension Mt. Deposit lode.</p> <p>Set an iron post, 30 ins. long, 1 in. in diam., 26 ins. in the ground, insert an aluminum cap mkd. X B-2-4738-SEMD-2-2818; from which</p>

FEET		
	<p>A stone monument, 3 ft. diam. at the base, 26 ins. above ground bears W. , 3 ft. dist.</p> <p>The N.W. Cor. of Alum Creek No. 32 Millsite, identical with the N.E. Cor. of Alum Creek No. 31 Millsite, both unsurveyed, bears N.87°48'31"W., 313.26 ft. dist.</p> <p style="text-align: center;">Thence S.46°40'W.</p>	
172.50	<p>Intersect line 2-3 M.S. No. 3186 Palestine lode common with the N. line of Alum Creek No. 32 Millsite (unsurveyed), at a point from which the NW. Cor. of Alum Creek No. 32 Millsite, identical with the NE. Cor. of Alum Creek No. 31 Millsite (unsurveyed), bears N.55°12'W., 228.41 ft. dist. From this point Cor. No. 3 of the Palestine lode, identical with Cor. No. 2 M.S. No. 3186 Amigo lode bears N.55°12'W., 468.10 ft. dist.</p>	
300.00	<p>Lode line; discovery point bears N.25°08'30"W., 1,500 ft. dist.</p>	
430.36	<p>Intersect the West end line of the Alum Creek No. 32 Millsite (unsurveyed), common with the East end line of the Alum Creek No. 30 Millsite (unsurveyed) , at a point from which the NE. Cor. of Alum Creek No. 30 Millsite, identical with the SE. Cor. of Alum Creek No. 31 Millsite, (unsurveyed), bears North, 243.29 ft. dist. From this point the NW. Cor. of the Alum Creek No. 32 Millsite, identical with the NE. Cor. of the Alum Creek No. 31 Millsite, bears North, 64.02 ft. dist.</p>	
556.56	<p>Intersect the South side line of the Alum Creek No. 30 Millsite (unsurveyed) common with the North side line of the Alum Creek No. 29 Millsite unsurveyed, at a point from which the SE. Cor. of Alum Creek No. 30 Millsite, identical with the NE. Cor. of Alum Creek No. 29 Millsite, bears S.89°56'E., 91.79 ft. dist.</p>	
600.00	<p>Cor. No. 3.</p> <p>Set an iron post, 30 ins. long, 1 in. in diam., 26 ins. in the ground, insert an aluminum cap mkd. X B-3-4738; from which</p> <p>A stone monument, 3 ft. diam. at the base, 26 ins. above ground bears W. , 3 ft. dist.</p> <p>The NE. Cor. of Alum Creek No. 29 Millsite, identical with the SE. Cor. of Alum Creek No. 31 Millsite, both unsurveyed, bears N.76°27'52"E., 126.91 ft. dist.</p> <p style="text-align: center;">Thence N.25°08'30"W.</p>	

(This form bound on left side)

FEET 32.99	Intersect the North side line of the Alum Creek No. 29 Millsite (unsurveyed) common with the South side line of the Alum Creek No. 30 Millsite (unsurveyed), at a point from which the NE. Cor. of Alum Creek No. 29 Millsite, identical with the SE. Cor. of Alum Creek No. 30 Millsite, bears S.89°56'E., 137.40 ft. dist.
397.73	Intersect the North side line of the Alum Creek No. 30 Millsite (unsurveyed) common with the South side line of the Alum Creek No. 31 Millsite (unsurveyed), at a point from which the NE. Cor. of Alum Creek No. 30 Millsite, identical with the SE. Cor. of Alum Creek No. 31 Millsite, bears S.89°56'E., 292.37 ft. dist.
685.	Gully, 6 ft. wide, bears N.40°W., drains S.25°E.
799.07	Intersect line 2-3 M.S. No. 3186 Amigo lode, at a point from which Cor. No. 2, identical with Cor. No. 3 M.S. No. 3186 Palestine lode, bears S.67°31'E., 84.96 ft. dist.
875.	Center of road, 16 ft. wide, bears N.43°W. and S.63°E.
1,340.	Center of road, 16 ft. wide, bears N.44°W. and S.80°E.
1,500.00	<p>Cor. No. 4, identical with Cor. No. 2 M.S. No. 2818 Copper Glance lode.</p> <p>Found a pine post, 4 ins. square, 4 ft. above the ground, firmly set in a mound of stone and properly mkd. to which I add marks B-4-4738; from which</p> <p style="padding-left: 40px;">A stone monument, 3 ft. diam. at the base, 26 ins. above ground bears W. , 3 ft. dist.</p> <p style="text-align: center;">Thence N.46°40'E.</p>
50.	Center of road, 16 ft. wide, bears S.69°W. and N.69°E.
139.68	Intersect line 4-1 M.S. No. 3186 Amigo lode at a point from which Cor. No. 1, identical with Cor. No. 4 M.S. No. 3186 Palestine lode, bears S.67°31'E., 559.69 ft. dist.
300.00	Lode line; identical with the discovery point.
600.00	Cor. No. 1, and place of beginning.
Mineral Survey No. 4738	

FEET	AREAS	Acres
	<p>Total area, Blanket lode -----19.628                      Area in conflict with ---                      M.S. No. 3186 Palestine Lode ----- 7.098                      M.S. No. 3186 Amigo Lode ----- 5.506                      Alum Creek No. 29 Millsite, unsurveyed 0.016                      Alum Creek No. 30 Millsite, unsurveyed 1.537                      Alum Creek No. 31 Millsite, unsurveyed 1.656                      Alum Creek No. 32 Millsite, unsurveyed 0.662</p>	
	<p>LOCATION</p>	
	<p>This survey is located in the SW 1/4 sec. 4 and SE 1/4 and NE 1/4 sec. 5, T.14 N., R.9 W., G. &amp; S.R.M..</p> <p>The survey of the Blanket lode is identical with the location as marked on the ground.</p>	
	<p>EXPENDITURES</p>	
	<p>The improvements and the value of the labor and improvements made upon or for the benefit of the lode locations embraced in said mining claim by the claimant or its grantors are as follows:</p>	
No. 1	<p>The discovery point of the Blanket lode is at the north end of the lode line, on line 4-1, 300 ft. from Cor. No. 4.                      Value, None</p>	
No. 2	<p>A tunnel, 5 X 6 ft in size, the portal of which bears N.53°15'E., 278 ft. from Cor. No. 4 of the Blanket lode and runs S.32°15'E., 30 ft. to the breast.                      Value, \$1,500.00</p>	
No. 3	<p>A diamond drill hole, the collar of which bears S.17°45'W., 297 ft. dist. from Cor. No. 1 of the Blanket lode, 2 ins. in diam., vertical, 830 ft. deep.                      Value, \$4,980.00</p>	
No. 4	<p>A diamond drill hole, the collar of which bears S.3°30'E., 82.5 ft. dist. from Cor. No. 1 of the Blanket lode, 2 ins. in diam., vertical, 1,000 ft. deep.                      Value, \$6,000.00</p>	
	<p>No portion of or interest in this improvement has been credited heretofore as patent expenditures to any lode claim.</p>	
	<p>OTHER IMPROVEMENTS</p>	
	<p>An access road, 16 ft. wide, 2,000 ft. long traverses the claim and connects to the improvements.                      Claimant herein</p>	
	<p>OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p>	

FEET							
	<p>M.S. No. 2818 South Extension MT. Deposit lode: Cors. Nos. 1 and 2 are lost. Line 2-3 was established at the record bearing and distance.</p> <p>M.S. No. 2818 Copper Glance lode: Cors. Nos. 1 and 2 described above. Line 1-2 was found to be correct as approved.</p> <p>M.S. No. 3186 Amigo lode: Cor. No. 1, identical with Cor. No. 4 M.S. No. 3186 Palestine lode, is a porphyry stone, firmly set and properly mkd. Cor. No. 2, identical with Cor. No. 3 Palestine lode, is a granite stone, firmly set and properly mkd. Cor. No. 3 is a porphyry stone, firmly set and properly mkd. Cor. No. 4 is lost. Lines 1-2 and 2-3 are correct as approved. Line 4-1 is shown as approved.</p> <p>M.S. No. 3186 Palestine lode: Cors. Nos. 1 and 2 are lost; Cors. Nos. 3 and 4 described above. Line 3-4 described above. Lines 2-3 and 4-1 are shown as approved.</p> <p>The line between secs. 4 and 5 is shown as approved.</p>						
	<p style="text-align: center;">MEMORANDUM</p> <p style="text-align: center;">None</p>						
	<p style="text-align: center;">FIELD ASSISTANTS</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Capacity</th> </tr> </thead> <tbody> <tr> <td>Orville T. Owens</td> <td>Assistant Instrumentman</td> </tr> <tr> <td>Frank Soto</td> <td>Chainman-Axeman</td> </tr> </tbody> </table>	Name	Capacity	Orville T. Owens	Assistant Instrumentman	Frank Soto	Chainman-Axeman
Name	Capacity						
Orville T. Owens	Assistant Instrumentman						
Frank Soto	Chainman-Axeman						



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

7

Name of Mineral Surveyor <b>Louis A. Cornejo</b>	Date <b>Dec. 12, 1978</b>
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I HEREBY CERTIFY That in pursuance of an order received from the Chief, Branch of Cadastral Survey, Bureau of Land Management, at Phoenix, Arizona, dated May 17 1973, I have carefully executed the survey of the claim of Bagdad Copper Corporation, known as the (lode, placer, or mill site) Blanket lode, situated in Yavapai County Secs. 4 and 5, Township 14 N. Range 9 W., Gila & Salt River Meridian, in the State of Arizona.

This survey, designated as number 4738, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) Blanket lode location(s) embraced in the said mining claim by claimant(s) or his grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. No portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Parker, Arizona

(Location)

*Louis A. Cornejo*

(Signature of Mineral Surveyor)

CERTIFICATE OF APPROVAL

Office <b>Arizona State Office</b>
Location <b>Phoenix, Arizona</b>
Date <b>October 29, 1979</b>

The foregoing field notes of mineral survey number 4738, in Section 4 & 5, Range 9 W., Gila and Salt River Meridian, in the State of Arizona, executed by Louis A. Cornejo, Mineral Surveyor, under order dated May 17, 1973, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

*Boyd S. Owens*

(Authorized Signature)

Chief, Branch of Cadastral Survey

(Title)

CERTIFICATE OF TRANSCRIPT

I HEREBY CERTIFY That the foregoing transcript of field notes of the above-described mineral survey number is a true copy of the original field notes

(Authorized Signature)

(Title)

Title 18, U.S.C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

THE UNIVERSITY OF CHICAGO

1951-52  
The University of Chicago  
Department of Chemistry  
Chicago, Illinois

Dear Sir:

I have the pleasure to inform you that your application for admission to the Ph.D. program in Chemistry for the fall semester of 1952 has been approved. You will receive a letter from the Registrar regarding the details of your admission.

Sincerely,  
[Signature]

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (942)  
BUREAU OF LAND MANAGEMENT  
ARIZONA STATE OFFICE

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The Blanket lode, Mineral Survey No. 4738, located in sections 4 and 5, Township 14 North, Range 9 West, Gila and Salt River Meridian, Arizona, is hereby cancelled.

This cancellation was requested by W.J. Lampard, General Manager, Cyprus Bagdad Copper Corporation, Bagdad, Arizona, by letter dated January 27, 1988, in order that the lands could be relotted to facilitate a land exchange involving the Bureau of Land Management, Arizona State Land Department and Cyprus Bagdad Copper Corporation.

OCT 05 1988

\_\_\_\_\_  
Date

*James T. Kelley*

\_\_\_\_\_  
Chief Cadastral Surveyor of Arizona

