

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4454

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

LONE STAR MINES, INCORPORATED

Known As The

CONSOLIDATED METALS NO. 24 Lode

Lone Star Mining District,

Graham County, Arizona

(unsurveyed)  
Sections 5 and 8, Township 6 South, Range 27 East, G&SRM

Surveyed under order dated June 10, 1958

by Clifford E. Way  
Mineral Surveyor.

Claim located July 1, 1940

Survey commenced July 7, 1958

Survey completed January 26, 1959

Address of claimant c/o Bear Creek Mining Co.

Box 228  
Safford, Arizona

DATES OF AMENDED LOCATIONS



## Survey No. 4454

Chains  
Feet

1.

This survey was made with a Hilger & Watts Microptic Theodolite, No. 104104. The verniers read to twenty seconds with an estimation to the closest five seconds; the eye-piece is equipped with a colored shade for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian established by direct observation on the sun November 7, 1958 at cor. No. 1 of the Consolidated Metals No. 24 lode, latitude  $32^{\circ}56'33''$ N., longitude  $109^{\circ}36'51''$ W., turning from a reference point counter clockwise to the sun in the south east.

True bearing of the reference point,  $N.79^{\circ}24'06''$ E.

The lines were measured with a Lufkin steel tape 300 ft. in length, graduated every foot for 300 ft. and a Dietzgen steel tape 8 ft. in length, graduated to feet, tenths and hundredths; both tapes were compared with a certified tape No. 10839 at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods except those connections as shown by the calculation sheets herewith submitted.

The magnetic declinations at each corner of the survey gave a uniform value of  $14^{\circ}30'$ E.

## CONSOLIDATED METALS NO. 24 LODE

Beginning at cor. No. 1 of the Consolidated Metals No. 24 lode on line 3-4 of Red Mountain No. 2 lode, of survey No. 4453; at a point from which cor. No. 3 bears  $N.79^{\circ}24'06''$ E., 200.55 ft. dist.

Set a  $2\frac{1}{2}$  in. lead disc bolted to a 24 x 10 x 19 in. stone 16 ins. in ground, witnessed by a 4 ft. x 4 ft. mound of stone, mkd. C.M. 24-1-4454; from which

The  $S.\frac{1}{4}$  cor. of Sec. 31, T.5S., R.27E., G.&S.R. Mer., bears  $N.3^{\circ}01'27''$ W., 5085.11 ft. dist., a 1 in. I.P. with Brass Cap 12 in. above ground firmly set and mkd. as described in the official record.

Drill hole No. G-41 bears  $S.29^{\circ}31'15''$ E., 928.00 ft. dist.

Thence  $N.79^{\circ}24'06''$ E.

160. Wash, 5 ft. wide, course  $S.5^{\circ}$ W.

200.55 Intersect cor. No. 3 of Red Mountain No. 2 lode, of survey No. 4453.

300.00 Lode line; discovery point bears  $S.10^{\circ}24'25''$ E., 750.00 ft. dist.

600.00 Cor. No. 2

## Survey No. 4454

Chains Feet		2.
	Set a 2½ in. lead disc bolted to a 24 x 12 x 21 in. stone 16 ins. in ground witnessed by a 4 ft. x 4 ft. mound of stones, mkd. C.M. 24-2-4454. Thence S.9°51'03"E.	
792.	Road, bears N.50°W. & S.50°E.	
1253.	Wash, 4 ft. wide, course W.	
1500.00	Cor. No. 3. Set a 2½ in. lead disc bolted to a 24 x 12 x 20 in. stone 16 ins. in ground witnessed by a 4 ft. x 4 ft. mound of stone, mkd. C.M. 24-3-4454. Thence S.79°24'06"W.	
285.45	Lode line; discovery point bears N.10°24'25"W., 749.88 ft. dist.	
578.43	Cor. No. 4 Set a 2½ in. lead disc bolted to a 24 x 10 x 19 in. stone 16 ins. in ground witnessed by a 4 ft. x 4 ft. mound of stone, mkd. C.M. 24-4-4454. Thence N.10°40'30"W.	
210.	Wash, 5 ft. wide, course S.50°W.	
652.	Wash, 3 ft. wide, course S.35°W.	
716.	Wash, 3 ft. wide, course S.35°W.	
888.	Road, bears N.40°E. & S.40°W.	
1331.	Wash, 5 ft. wide, course S.35°W.	
1499.88	Cor. No. 1, and point of beginning.	
	<b>AREAS</b>	<b>Acres</b>
	Consolidated Metals No. 24	20.288
	<b>LOCATION</b>	
	This survey is located in Secs. 5 and 8, T.6S., R.27E., G.&S.R. Mer.	
	The survey of the Consolidated Metals No. 24 lode is identical with the location as marked on the ground.	
	<b>EXPENDITURES</b>	
No. 1	The discovery point of the Consolidated Metals No. 24 lode is on the lode line S.10°24'25"E., 750 ft. from a point on line 1-2, 300 ft. from cor. No. 1 No Value	

## Survey No. 4454

## Chains

- No. 2 A shaft, the center of which bears  $S.66^{\circ}11'39''E.$ ,  
273.14 ft. dist. from cor. No. 1 of the Consolidated  
Metals No. 24 lode, 4 x 6 ft., 8 ft. deep.  
Value, \$130.00
- No. 3 A shaft, the center of which bears  $S.61^{\circ}10'E.$ , 271 ft.  
from cor. No. 1 of Consolidated Metals No. 24 lode,  
4 x 6 ft., 8 ft. deep.  
Value, \$130.00
- No. 4 A tunnel, 4 x 6 ft. in size, the portal of which bears  
 $S.24^{\circ}27'E.$ , 675.95 ft. dist. from cor. No. 1 of the  
Consolidated Metals No. 24 lode; running  $N.70^{\circ}00'E.$ ,  
40 ft. to breast.  
Value, \$400.00
- No. 5 Drill hole No. G-41,  $4\frac{1}{4}$  ins. NX, BX x 286.5 ft. deep,  
bears  $S.29^{\circ}31'15''E.$ , 928 ft. from cor. No. 1 of the  
Consolidated Metals No. 24 lode.  
Value, \$13,800.00

## OTHER IMPROVEMENTS

A shaft, the center of which bears  $S.59^{\circ}59'11''E.$ ,  
320.00 ft. dist. from cor. No. 1 of the Consolidated  
Metals No. 24 lode, 4 x 6 ft., 6 ft. deep.

Claimant unknown

## OTHER CORNER DESCRIPTIONS

Survey No. 4453, cor. No. 3 of the Red Mountain No. 2  
lode is a  $2\frac{1}{2}$  in. lead disc bolted to a stone firmly  
set and marked as described in survey No. 4453 and  
witnessed by a 4 ft. x 4 ft. mound of stone.

## FIELD ASSISTANTS

Joseph Walden  
Kesler Mitchell

Transitman  
Chainman

3.

Survey No. 1000

Chains		Chain
	<p>A steel, the center of which bears 2.00 ft. from cor. No. 1 of the Consolidated Magma No. 1 ledge, 4 x 6 ft., 3 ft. deep. Value, \$130.00</p>	No. 2
	<p>A steel, the center of which bears 3.10 ft. from cor. No. 1 of Consolidated Magma No. 1 ledge, 4 x 6 ft., 3 ft. deep. Value, \$130.00</p>	No. 3
	<p>A tunnel, 7 x 6 ft. in size, the portal of which bears 2.10 ft. from cor. No. 1 of the Consolidated Magma No. 1 ledge, 4 x 6 ft., 3 ft. deep. Value, \$400.00</p>	No. 4
	<p>Steel pipe No. 6-41, 1/2 in. dia. x 255 ft. long, 4 x 6 ft., 3 ft. deep. Consolidated Magma No. 1 ledge. Value, \$11,000.00</p>	No. 5
OTHER IMPROVEMENTS		
	<p>A steel, the center of which bears 2.50 ft. from cor. No. 1 of the Consolidated Magma No. 1 ledge, 4 x 6 ft., 3 ft. deep. Claimant unknown</p>	
OTHER CORNER DESCRIPTIONS		
	<p>Survey No. 1000, cor. No. 2 of the Red Mountain No. 2 ledge is a 2 ft. lead bolted to a stone firmly set and marked as described in survey No. 1000 and witnessed by a 12 x 4 ft. mound of stone.</p>	
FIELD ASSISTANTS		
Thompson Chairman	Joseph Weber Rachel Mitchell	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

January 26, 19 59

I, Clifford E. Way  
 Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the \_\_\_\_\_  
Bureau of Land Management, at Phoenix, Arizona  
 dated June 10, 1958, I have faithfully and correctly executed the survey of  
 the mining claim of Lone Star Mines, Inc.,  
 known as the Consolidated Metals No. 24  
(Lode, placer, or mill site)  
 situate in Lone Star Mining District,  
 T. 6 S., R. 27 E., G.&S.R. Meridian, Arizona, and  
(State)  
 designated as Survey No. 4454, which is represented in the foregoing field notes as having been  
 executed by me and under my direction, and that said survey has been made in strict conformity with said order,  
 the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner  
 described in the foregoing field notes, and I do further certify that the labor expended and improvements made  
 upon or for the benefit of the lode location(s) embraced in the said mining claim by  
(Lode or placer)  
 claimant(s) or their grantors are fully stated in my report therein, and that the character,  
 extent, location, and itemized value thereof are specified therein with particularity and full detail, and that 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.

Tucson, Arizona  
(Place)

Clifford E. Way  
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management--Survey Office  
(Office)  
Phoenix, Arizona September 4, 1959  
(Place) (Date)

The foregoing field notes of mineral survey No. 4454, in partially unsurveyed  
sections 5 and 8, T. 6 South, R. 27 East, Gila and Salt River Meridian,  
Arizona, executed by Clifford E. Way, Mineral Surveyor,  
(State)  
 under order dated June 10, 1958, 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.

Lester S. Mann  
Lester S. Mann  
Office Cadastral Engineer  
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. \_\_\_\_\_  
is a true copy of the original field notes.

\_\_\_\_\_  
(Title)

