

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4286

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Bert Whitehead

Known As The

GOLD & SHEELITE NO. 1, GOLD & SHEELITE NO. 2 and SHEELITE FANNE lodes

Hartford Mining District,

Cochise County, Arizona

Section 19, Township 23 S., Range 21 E., G&SRM

Surveyed under instructions dated May 2, 1944

by Ralph L. Motz
Mineral Surveyor.

Shelite Fanne, June 5, 1916
Claims located Gold & Sheelite No.1, May 15, 1923
Gold & Sheelite No.2, May 15, 1923
Survey commenced June 29, 1944
Survey completed July 5, 1944
Address of claimant % Box 01174, Bisbee, Arizona.

DATES OF AMENDED LOCATIONS

April 21, 1944

Mineral Survey No. 4286 - Arizona

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Feet

Mineral Survey No. 4286 was made with a C. L. Berger & Sons precise transit, with horizontal limb 6.25 inches in diameter; having double opposite verniers, and full vertical circle 5 inches in diameter, having one double vernier; the verniers read to one minute of arc; the eye piece is equipped with a colored glass slide in a prismatic eye piece for making direct observations upon the sun. The instrument was in good condition at the time of survey and all adjustments were in good order. The azimuth for this survey was taken from the true meridian as determined for Mineral Survey No. 4278 Rita Placey, which survey was made by me, and which lies two miles to the south. The azimuth was carried north along the section line to this survey. All azimuths in this record are therefore referred to the true meridian as determined in Mineral Survey No. 4278, by the method of deflection angles and calculated courses.

The lines were measured with a Keuffel & Esser steel tape, 100 feet in length, graduated to feet, tenths and hundredths of feet for the entire length, a Keuffel & Esser steel tape, 300 feet in length, graduated to feet, tenths and hundredths of feet for entire length; a Keuffel & Esser steel tape, 25 feet in length, graduated to feet, inches and fractions of inches for the entire length. All tapes were compared with a Lufkin standard steel tape at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods.

The magnetic variation observed at each corner of the survey gave a uniform value of $12^{\circ} 45' E.$

GOLD & SHEELITE NO. 2

Beginning at Cor. No. 1 of the Gold & Sheelite No. 2 lode

Set a granite rock, 26x9x8 ins., 18 ins. in the ground, mkd. GS2-1-4286; from which

The 1/4 Sec. Cor. Secs. 19 and 30, T. 23 S., R. 21 E., G. & S. R. M. bears S. $35^{\circ} 21' W.$, 1802.4 ft., being a granite rock in place, 48x44 ins., 22 ins. above ground, mkd. as described in the official record.

A granite ledge, 21x41 ins., 9 ins. above ground bears N. $18^{\circ} 16' W.$, 78.8 ft., mkd. BR X GS2-1-4286

A granite ledge, 17x42 ins., 16 ins. above ground bears S. $56^{\circ} 11' W.$, 58.2 ft., mkd. BR X GS2-1-4286

A monument of rocks, 3 ft. high, 3 ft. base bears easterly 3 ft.

Thence N. $2^{\circ} 22' E.$,

300.25 Intersect the west end of the lode line at the original location for the west end center, being a monument of rocks, 3 ft. high, 3 ft. base

600.5 Cor. No. 2

Identical with Cor. No. 1 of the Gold & Sheelite No. 1 lode of this survey

Set a granite rock, 24x7x5 ins., 16 ins. in the ground, mkd. GS2-2-GS1-1-4286; from which

A granite ledge 53x155 ins., 24 ins. above ground, bears S. $77^{\circ} 30' W.$, 16.8 ft., mkd. BR X GS2-2-4286

Feet

- A granite ledge, 20x28 ins., 20 ins. above ground bears N. 11° 57' W., 7.3 ft., mkd. BR X GS2-2-4286
- A monument of rocks, 3 ft. high, 3 ft. base, bears easterly 3 ft.
- Thence EAST
- 1370.0 Cross electric power line, course northerly
- 1500.0 Cor. No. 3
- Identical with Cor. No. 4 of the Gold & Sheelite No. 1 lode of this survey and situated on the west boundary of State Highway No. 92 right-of-way
- Set a granite rock, 24x9x7 ins., 18 ins. in the ground, mkd. GS2-3-GS1-4-4286; from which
- A sandstone rock in place, 19x33 ins., 15 ins. above ground bears N. 4° 30' W., 19.5 ft., mkd. BR X GS2-3-4286
- A monument of rocks, 3 ft. high, 3 ft. base, bears westerly 3 ft.
- Thence S. 2° 22' W.,
- 175.00 Cross Zilpha gulch, 15 ft. wide, course easterly.
- 300.25 Intersect the east end of the lode line at the original location for the east end center, being a monument of rocks, 3 ft. high, 3 ft. base
- 600.5 Cor. No. 4
- Situated on the west boundary of the State Highway No. 92 right-of-way
- Set a granite rock, 26x10x6 ins., 18 ins. in the ground, mkd. GS2-4-4286; from which
- A monument of rocks, 3 ft. high, 3 ft. base, bears westerly 7 ft.
- Thence WEST
- 123.0 Cross electric power line, course northerly.
- 230.0 Cross gulch, 10 ft. wide, course northerly.
- 1167.0 Cross Zilpha gulch, 10 ft. wide, course northeasterly.
- 1500.0 Cor. No. 1 and place of beginning.
- GOLD & SHEELITE NO. 1
- Beginning at Cor. No. 1 of the Gold & Sheelite No. 1 lode
- Identical with Cor. No. 2 of the Gold & Sheelite No. 2 lode of this survey; from which
- The 1/4 Sec. Cor., Secs. 19 and 30, T. 23 S., R. 21 E., G. & S. R. M. bears S. 27° 17' W., 2329.2 ft., previously described.
- Thence N. 2° 10' E.,

Feet	
300.2	Intersect the west end of the lode line at the original location for the west end center, being a monument of rocks, 3 ft. high, 3 ft. base
410.0	Cross Scheelite Gulch, 10 ft. wide, course easterly.
600.4	Cor. No. 2 Identical with Cor. No. 1 of the Shelite Fanne lode of this survey
	Set a quartzite rock, 24x9x7 ins., 16 ins. in the ground, mkd. GSl-2-SF-1-4286, from which
	A monument of rocks, 3 ft. high, 3 ft. base, bears easterly 3 ft.
	Thence EAST
388.0	Cross Scheelite gulch, 10 ft. wide, course northeasterly
500.0	Cross Scheelite Gulch, 10 ft. wide, course southeasterly
967.0	Cross Scheelite Gulch, 10 ft. wide, course northeasterly
1368.0	Cross electric power line, course northerly
1500.0	Cor. No. 3 Identical with Cor. No. 4 of the Shelite Fanne lode of this survey, situated on the west boundary of State Highway No. 92 right-of-way Set a sandstone rock, 25x12x4 ins., 18 ins. in the ground, mkd. GSl-3-SF-4-4286; from which A monument of rocks, 3 ft. high, 3 ft. base, bears westerly 3 ft.
	Thence S. 2° 10' W.,
300.2	Intersect the east end of the lode line at the original location for the east end center, being a monument of rocks, 3 ft. high, 3 ft. base
600.4	Cor. No. 4 Identical with Cor. No. 3 of the Gold & Scheelite No. 2 lode of this survey
	Thence WEST
1130.0	Cross electric power line, course northerly.
1500.0	Cor. No. 1 and place of beginning.
	SHELITE FANNE
	Beginning at Cor. No. 1 of the Shelite Fanne lode
	Identical with Cor. No. 2 of the Gold & Scheelite No. 1 lode of this survey; from which
	The 1/4 Sec. Cor., Secs. 19 and 30, T. 23 S., R. 21 E., G. & S. R. M. bears S. 22° 13' W., 2884.1 ft., previously described
	Thence N. 0° 03' W.,
205.0	Cross Road, 10 ft. wide, course southeasterly.
300.0	Intersect the west end of the lode line at the original

Feet	location for the west end center, being a monument of rocks, 3 ft. high, 3 ft. base.
600.0	<p>Cor. No. 2</p> <p>Set a granite rock, 30x9x7 ins., 18 ins. in the ground, mkd. SF-2-4286; from which</p> <p>A granite ledge, 38x64 ins., 12 ins. above ground, bears S. 62° 22' E., 53.5 ft., mkd. BR X SF-2-4286</p> <p>A granite ledge, 16x30 ins., 6 ins. above ground, bears S. 70° 13' W., 33.5 ft., mkd. BR X SF-2-4286</p> <p>A monument of rocks, 3 ft. high, 3 ft. base, bears southeasterly 3 ft.</p>
	Thence EAST
1385.0	Cross electric power line, course northerly.
1408.0	Cross road, 10 ft. wide, course northerly.
1500.0	<p>Cor. No. 3</p> <p>Situated on west boundary of Highway right-of-way</p> <p>Set a quartzite rock, 26x9x7 ins., 18 ins. in the ground, mkd. SF-3-4286; from which</p> <p>A quartzite rock in place, 8x18 ins., 7 ins. above ground bears N. 63° 29' E., 21.5 ft., mkd. SF-3-4286;</p> <p>The north face of the south wing of concrete culvert, 60x120 ins., 9 ins. thick, bears S. 28° 02' E., 71.0 ft. mkd. Bpt X SF-3-4286</p> <p>A monument of rocks, 3 ft. high, 3 ft. base, bears southerly 3 ft.</p>
	Thence S. 0° 03' E.,
128.0	Cross Scheelite Gulch, 15 ft. wide, course northeasterly.
216.0	Cross Road, 10 ft. wide, course southeasterly.
300.0	Intersect the east end of the lode line at the original location for the east end center, being a monument of rocks, 3 ft. high, 3 ft. base.
390.0	Cross road, 10 ft. wide, course easterly.
450.0	Cross road, 10 ft. wide, course easterly.
600.0	<p>Cor. No. 4</p> <p>Identical with Cor. No. 3 of the Gold & Sheelite No. 1 lode of this survey</p>
	Thence WEST
132.0	Cross electric power line, course northerly.
533.0	Cross Scheelite gulch, 10 ft. wide, course northeasterly.
1000.0	Cross Scheelite gulch, 10 ft. wide, course southeasterly.
1112.0	Cross Scheelite gulch, 10 ft. wide, course northeasterly.
1500.0	Cor. No. 1 and place of beginning.

LODE LINES

The lode lines of the several lode claims of this survey are, counted from their respective points of discovery, as follows:-

Shelite Fanne:- East 500 ft., and, West 1000 ft.

Gold & Sheelite No. 1 lode:- East 530 ft., and, West 970 ft.

Gold & Sheelite No. 2 lode:- East 930 ft., and, West 570 ft.

AREAS

acres

Total area, Shelite Fanne lode - - - - - 20.661 ✓

Total area, Gold & Sheelite No. 1 lode - - - - - 20.660 ✓

Total area, Gold & Sheelite No. 2 lode - - - - - 20.661 ✓

LOCATION

This survey is located in the NE 1/4 and the SE 1/4 of Sec. 19, T. 23 S., R. 21 E., G. & S. R. M., in the Coronado National Forest.

The survey of each of the lode locations embraced in this survey is identical with the amended location as marked on the ground.

EXPENDITURE of \$500

I certify that the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or his grantors is not less than \$500, and that said improvements consist of:-

SHELITE FANNE.

No. 1 The discovery shaft of the Shelite Fanne lode, the center of which being the discovery point is on the center line, 500 ft. from the east-end center; 4x6 ft. in size, 8 ft. deep

Value \$50.

No. 2 A shaft, the center of which bears S. 62° 45' W., 448.0 ft. from Cor. No. 3 of the Shelite Fanne lode; 5 ft. diameter, 20 ft. deep, lined with rock and concrete; thence down 4x6 ft. in size, 40 ft. deep; total depth 60 ft. This shaft and Improvement No. 3 of this lode have been started as a common improvement for this group of three claims. No. 3 is to be the main shaft for the group and this shaft is to connect with future drifts for a manway and air shaft. The combination of the two will form the most economical and feasible means of developing the ore bodies at depth. From them drifts and crosscuts can be run. These shafts are conveniently located with respect to the camp and to the main highway. The surface of the ground rises gradually from the east to the west.

Total Value - - - \$1500

Value of 1/3 interest - 500

No. 3 A shaft, the center of which bears N. 62° 52' W., 482 ft. from Cor. No. 4 of the Shelite Fanne lode; 5x7 ft. in size, 25 ft. deep.

Total Value - - - - - \$600
Value of 1/3 interest = 200

No. 4 A shaft, the center of which bears N. 49° 05' W., 190 ft. from Cor. No. 4 of the Shelite Fanne lode; 4x6 ft. in size, 20 ft. deep
Value \$250

No. 5 A shaft, the center of which bears S. 35° 00' W., 37 ft. from Cor. No. 3 of the Shelite Fanne lode; 4x6 ft. in size, 8 ft. deep
Value \$50
GOLD & SHEELITE NO. 1.

No. 1 The discovery shaft of the Gold & Sheelite No. 1 lode, the center of which being the discovery point is on the lode line 530 ft. from the east end center; 4x6 ft. in size, 8 ft. deep
Value \$50

No. 2 A shaft, the center of which bears S. 62° 10' W., 585 ft. from Cor. No. 3 of the Gold & Sheelite No. 1 lode; 5x10 ft. in size, 6 ft. deep, thence 4x6 ft. in size, 5 ft. deep; total depth 11 ft.
Value \$175

No. 3 A shaft, the center of which bears N. 57° 15' W., 494 ft. from Cor. No. 4 of the Gold & Sheelite No. 1 lode; 4x6 ft. in size, 8 ft. deep
Value \$50
GOLD & SHEELITE NO. 2.

No. 1 The discovery shaft of the Gold & Sheelite No. 2 lode, the center of which being the discovery point is on the lode line, 930 ft. from the east end center; 4x6 ft. in size, 8 ft. deep
Value \$50

OTHER IMPROVEMENTS

A rock house, the southeast corner of which bears N. 26° 15' W., 155 ft., from Cor. No. 4 of the Shelite Fanne lode; 26x32 ft. in size, long side bearing north.

A frame shed, the southeast corner of which bears N. 36° 10' W., 208 ft. from Cor. No. 4 of the Shelite Fanne lode; 10x12 ft. in size, long side bearing west

A galvanized iron shed, the southeast corner of which bears N. 44° 21' W., 237 ft. from Cor. No. 4 of the Shelite Fanne lode; 10x17 ft. in size, long side bears west

A frame house, the southeast corner of which bears N. 66° 52' W., 253 ft. from Cor. No. 4 of the Shelite Fanne lode 8x16 ft. in size, long side bears north.

REPORT.

The southeast corner, the east 1/4 corner and the northeast corner of Sec. 19, T. 23 S., R. 21 E., G. & S. R. M. all fall in the paved portion of State Highway No. 92. All traces of these corners are lost. (From State Highway maps and from Township plats a point was established as the approximate position of the 1/4 Cor. Secs. 19 and 20. This falls on the center stripe of the paved roadway and is located S. 59° 02' E., 58.3 ft. from Cor. No. 3 of the Gold & Sheelite No. 1 lode.) The three claims of this survey are all tied to the 1/4 Cor. between Secs. 19 and 30, T. 23 S., R. 21 E., the 1/4 Sec. Cor. between Secs. 18 and 19 also having been destroyed, as it falls on a section line road.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by Ralph L. Motz

Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of _____

Bert Whitehead

known as the Gold & Sheelite No. 1, Gold & Sheelite No. 2 and Shelite Fanne lodes and showing the respective capacities in which they acted.

Raymond Ernest _____, *Chainman.*

_____, *Chainman.*

Henry Koch _____, *Arman.*

_____, *Flagman.*

FINAL OATHS OF ASSISTANTS

We, Raymond Ernest

and Henry Koch, do solemnly swear that we assisted Ralph L. Motz

_____, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Bert Whitehead

known as the Gold & Sheelite No. 1, Gold & Sheelite No. 2 and Shelite Fanne lodes

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona.

Raymond Ernest _____, *Chainman.*

_____, *Chainman.*

Henry Koch _____, *Arman.*

_____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 5th

day of July, 1944

W N Miescher

Notary Public in and for the County of Cochise, State of ARIZONA.

My commission expires Feb. 3, 1945.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FINAL OATH OF MINERAL SURVEYOR

I, Ralph L. Motz, Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix, Arizona, dated May 2, 1944,
I have, in strict conformity to the laws of the United States, the official regulations
and instructions thereunder, and the instructions of said Office Cadastral Engineer,
faithfully and correctly executed the survey of the mining claim of
Bert Whitehead, known as the
GOLD & SHEELITE NO. 1, GOLD & SHEELITE NO. 2 and SHEELITE FANNE lodes,
situate in Hartford Mining District,
Cochise County, Arizona, in Section
19, Township No. 23 S., Range No. 21E., G&SRM.
and designated as Survey No. 4286, as represented
in the foregoing field notes, which accurately show the boundaries of said mining claim
as distinctly marked by monuments on the ground, and described in the attached copy of
the location certificate, which was received by me from the Office Cadastral Engineer
with said instructions, and that all corners of said survey have been established and
perpetuated in strict accordance with the law, official regulations and instructions
thereunder; and I do further solemnly swear that the foregoing are the true and original
field notes of said survey and my report therein, and that the labor expended and im-
provements made upon said mining claim by claimant or his
grantors are as therein fully stated, and that the character, extent, location, and
itemized value thereof are specified therein with particularity and full detail, and
that no portion of said labor or improvements so credited to this claim has been included
in the estimate of expenditures upon any other claim.

Ralph L. Motz
(Mineral Surveyor)

Subscribed and sworn to by the said Ralph L. Motz
Mineral Surveyor, before me W. H. Miescher, Notary Public
this 5th
day of July, 19 44

W. H. Miescher

Notary Public, in and for the County of
Cochise, State of Arizona.
My commission expires Feb. 3, 1945.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

United States
Department of the Interior
GENERAL LAND OFFICE
PUBLIC SURVEY OFFICE

Phoenix, Arizona

July 21, 1944

I, Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Bert Whitehead

known as the Gold & Sheelite No. 1, Gold & Sheelite No. 2 and Shelite Fanne lodes, Hartford

Mining District Cochise County Arizona

in Section 19, Township No. 23 S., Range No. 21 E., G&SRM, and designated as Survey No. 4286

has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description 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, or for the benefit of, each location embraced in said mining claim by claimant Bert Whitehead or his grantors, and that said improvements consist of

9 shafts, total value \$2,775.00

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the District Land Office at Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

E. A. Thompson

Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
PUBLIC SURVEY OFFICE

At Phoenix, Arizona

July 21, 19 44

I, Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the
Mining Claim of Bert Whitehead

....., known as the
Gold & Sheelite No. 1, Gold & Sheelite No. 2 and Shelite Fanne lodes

situate in Hartford mining district,

Cochise County, Arizona

in Section 19, Township No. 23 S., Range No. 21 E.,

G&SRM. designated as Survey No. 4286

executed by Ralph L. Motz, Mineral

Surveyor, June 29th to July 5, 1944, under my instructions dated

May 2, 1944, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

E. A. Thompson
Office Cadastral Engineer.