

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4248

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Goldie Earl

Known As The

Porphyry Mine lode

Hassayampa

Mining District,

Yavapai

County, Arizona

Sections 2, Township 12 N., Range 2 W. Uns.

Surveyed under instructions dated Feb. 4, 1941

by R. L. Merritt
Mineral Surveyor.

Claim located January 1, 1881, 19

Survey commenced June 15th, 1941

Survey completed Dec. 15th, 1941

Address of claimants ^{ATTYs.} Edward S. Lyman & J. E. Russell,
Prescott Arizona.

DATES OF AMENDED LOCATIONS

Mineral Survey No. 4248

Feet	
	<p>Mineral Survey No. 4248 was made with a Lietz Transit No. 10256, model No. 11-E, with horizontal limb 5 ins. diam., having two double opposite verniers, and full vertical circle 4 ins. diam., having one double vernier; the verniers read to one minute of arc; a prismatic eye piece with colored glass shade was attached to the eye piece of the transit for the solar observations. The instrument was in good condition at the time of the survey and all adjustments were in good order. A noon altitude observation on the meridian was made for time and latitude, and a P. M. altitude observation was made for azimuth, the details of which observations are shown in the calculation sheets herewith submitted for examination. All azimuths in this record are referred to the true meridian thus determined, by the method of deflection angles and calculated courses.</p> <p>The lines were measured with a Lufkin steel tape 500 feet in length, graduated every foot, the first foot being graduated to tenths and hundredths.</p> <p>All lines and connections of this survey were run by direct methods.</p> <p>The magnetic variation observed at each corner of this survey gave a uniform value of $14^{\circ} 00' E.$</p> <p style="text-align: center;">PORPHYRY MINE LODE.</p> <p>Beginning at Cor. No. 1 of the Porphyry Mine lode, which agrees with the Cor. of the location, a fallen pine tree mkd. P.T. No. 3 Cor. and with Cor. No. 3 of Pine Tree Lode, Survey No. 407</p> <p>Set a granite stone 4x12x24 ins. 16 ins. in the ground at stump end of fallen pine tree, mkd. X-P-1, 4248 with a mound of stones 3 ft. base by 3 ft. high alongside</p> <p>U.S.L.M. No. 1691, a porphyry rock in place mkd. No. 1691 U.S.L.M. H.D. bears S. $67^{\circ} 07' W.$, 4158.94 ft. dist.</p> <p>An oak tree 10 ins. diam. bears N. $14^{\circ} 02' W.$, 20.2 ft. mkd. X-B.T. P-1-4248</p> <p>An oak tree 9 ins. diam. bears N. $62^{\circ} 44' E.$, 8.8 ft mkd. X B.T. P-1-4248</p> <p>Point for Cor. No. 2 Gold Dust Lode, Survey No. 1458 bears N. $61^{\circ} 41' E.$, 208.4 ft. dist.</p> <p>An oak tree 9 ins. diam. bears N. $61^{\circ} 11' E.$, 186.5 ft mkd. X B.T. G.D. No. 2 -1458</p> <p style="text-align: center;">Thence N. $50^{\circ} 36' E.$</p>
199.89	Intersect line 2-3 Sur. No. 1458, Gold Dust lode at a point from which point for Cor. No. 2 bears S. $46^{\circ} 00' E.$, 40.33 ft. dist.
527.72	Intersect line 1-2 Sur. No. 1458, Gold Dust lode at a point from which point for Cor. No. 2 bears S. $43^{\circ} 32' W.$, 325.67 ft. dist.
1021.68	Intersect line 3-4 Sur. No. 975, West Point lode at a point from which point for Cor. No. 3 bears S. $35^{\circ} 00' E.$, 101.90 ft. dist; the intersection of said line 3-4 with line 2-3, Sur. No. 964 Snoozer lode, brs. S. $35^{\circ} E.$ 50.4 ft. dist.
1079.80	<p>Cor. No. 2</p> <p>Set a porphyry stone 10x12x24 ins. 16 ins. in the ground with mound of stones 3 ft. base by 3 ft. high alongside mkd. X P-2-4248</p> <p>The location a mound of stones bears N. $41^{\circ} 10' W.$ 30 ft dist.</p> <p>No bearing objects available.</p> <p>Point for Cor. No. 1, Sur. No. 1458, Gold Dust lode bears N. $25^{\circ} 51' E.$, 223.60 ft. dist.</p> <p>Point for Cor. No. 2, Sur. No. 964, Snoozer lode bears S. $32^{\circ} 08' W.$, 153.68 ft. dist.</p>

	Point for Cor. No. 3, Sur. No. 975, West Point lode bears S. 6°24'50" E., 121.12 ft. dist.
	Thence S. 41° 10' E.
51.44	Intersect line 2-3, Sur. No. 964, Snoozer lode at a point from which Cor. No. 2 bears S. 51°40' W. 147.39 ft. dist.; the intersection of said line 2-3 with line 3-4, Sur. No. 975, West Point lode, brs. S. 51°40' W. 63.58 ft. dist.
102.92	Intersect line 2-3, Sur. No. 975, West Point lode at a point from which Cor. No. 3 bears S. 51° 40' W., 69.12 ft. dist.
300.00	To N. E. E. C. Built a mound of stones 3 ft. base by 3 ft. high The location monument an oak tree 14" diam. with stones around base bears N. 50°32' E. 126.0 ft. dist. Cor. No. 1, Sur. No. 964, Snoozer lode bears S. 22°57' W. 78.25 ft. dist.
600.00	To Cor. No. 3 On line 6-1, Sur. No. 964 Snoozer lode Set a quartz stone 5x10x24 ins. 16 ins. in the ground mkd X P-3-4248 with mound of stones 3 ft. base by 3 ft. high alongside The location monument, a fallen fir tree with mound of stones around stump bears S. 41°10' E., 16 ft. dist. Cor. No. 2, Sur. No. 964, Snoozer lode bears N. 56°00' W. 575.0 ft. dist., and Cor. No. 6 said lode bears S. 56° E. 25 ft. dist. Point for Cor. No. 4, Sur. 1457, Great Divide lode bears S. 74°06'30" W., 248.58 ft. dist. No bearing objects available. Thence S. 50° 36' W.
145.19	Intersect line 4-1, Sur. No. 1457, Great Divide lode at a point from which Cor. No. 4 bears N. 79°15' W., 129.16 ft. dist.
390.94	Intersect line 3-4, Sur. No. 1457, Great Divide lode at a point from which point for Cor. No. 4 bears N. 19°17' E., 190.78 ft. dist.
1079.80	To Cor. No. 4, which is identical with Cor. No. 2, Sur. No. 407, Pine Tree lode, and agrees with a Cor. of the location, a mound of stones 3 ft. base by 3 ft. high Set a quartz stone 10x12x24 ins. 16 ins. in the ground, with mound of stones mkd. X P-4-4248, P.T. No. 2 Cor. No. 3, Sur. 1457, Great Divide lode bears S. 37°47' E. 426.60 ft. dist. An oak tree 12 ins. diam. bears N. 69°44' E., 32.6 ft. dist. mkd. X B.T. P-4-4248 Thence N. 41° 10' W.
300.00	To the S. W. E. C. Built a mound of stones 3 ft. base by 3 ft. high The location monument, a pine tree with a mound of stones around base bears S. 35°00' E. 21.5 ft. dist.
600.00	To Cor. No. 1, the place of beginning

Survey No. 4248
(3)

LODE LINE

The presumed course of the vein of the lode location embraced in this survey, counted from the point of discovery is as follows:

Porphyry/^{mine}lode, N. 50° 36' E. 130.00 ft.; and, S. 50° 36' W. 949.8 ft.

AREAS.

	^{Mine}	Acres.
Total area, Porphyry/lode		14.866

Area in conflict with -

Sur. No. 1457, Great Divide lode	0.280
Sur. No. 964 , Snoozer lode	0.927
Sur. No. 975 , West Point lode.	0.149
Sur. No. 1458, Gold Dust lode	0.151
Sur. No. 975, West Point lode, exclusive of its conflict with Sur.No.964, Snoozer lode,	0.070

LOCATION

This survey is located approximately in ~~the N. 1/2~~ ^{and 35,} secs 2, ^{and 35,} T_s 12 and 12¹ N., R. 2 W. ^{unsurveyed} G. and S. R. B. and M., Hassayampa Mining District, Yavapai County, Arizona, within the Prescott National Forest.

EXPENDITURE OF \$500

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

- No. 1 The discovery tunnel; portal common to two tunnels, is on the lode line 130.00 ft. dist. from the N.E.E.C.

1st Tunnel - 3x6x30 ft. Course N. 80° W.	Value \$150.00
2nd Tunnel - 3x6x75 ft. Course S. 47° W.	Value \$375.00

The following bear from Cor. No. 4
- No. 2 N. 8°40' W. 290.00 ft. to center of a shaft 4x6x4 ft. deep Value \$ 40.00
- No. 3 N. 3° 35' W., 285.00 ft. to center of a shaft 4x5x8 ft. deep Value \$ 80.00
- No. 4 N. 10° 55' E., 390.00 ft. to center of cut 6x20x5 ft. deep, course N. 40° W. and S. 40° E. Value \$ 50.00
- No. 5 N. 32° 25' E., 425.00 ft. to face of cut 6x10x15 ft. face. Course of cut from mouth to face N. 70° W. Value \$ 50.00
- No. 6 N. 36° 05' E., 480.00 ft. to south end cut 8x60x8 ft. deep. Course N. 46° E. Value \$100.00
- No. 7 N. 38° 00' E., 545.00 ft. to center of a shaft 6x6x12 ft. deep. Value \$120.00
- No. 8 N. 40° 35' E., 600.00 ft. to mouth of a cut 5x15x10 ft. face. Course of cut S. 15° E. Value \$ 50.00
- No. 9 N. 27° 15' E., 525.00 ft. to center of a shaft 4x5x6 ft. deep. Value \$ 50.00
- The following bears from Cor. No. 2
- No. 10 S. 3° 10' W., 323.00 ft. dist. to center of portal common to two tunnels

1st Tunnel - 3x6x9 ft. Course S.20° W.	Value \$ 50.00
2nd Tunnel - 3x6x75 ft. Course S.47° W.	Value \$375.00

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OTHER CORNER DESCRIPTIONS.


Sur. No. 1457, Great Divide lode: Cor. No. 3 is a granite stone 4x12 ins. above ground in a mound mkd. G.D. No. 3, 1457. Cors No. 1 and 4 have been destroyed, lines 3-4 and 4-1 shown as approved, as extended from Cor. No. 3.

Sur. No. 407, Pine Tree lode: Cor. No. 2 was a porphyry stone 4x14x12 ins. above the ground mkd. P.T. No. 2. As this stone was cracked, I replaced it with stone hereinbefore described. Cor. No. 3, a fallen pine tree, as exact point for Cor. No. 3 could not be determined, line 2-3 shown as approved.

Sur. No. 964, Snoozer lode: Cor. No. 1 is a granite rock in place mkd. I.M.S. No. 1. As Cors No. 2 and 6 have been destroyed, line 6-2 and 2-3 shown as approved, as extended from Cor. No. 1.

Sur. No. 975, West Point lode: None of the corners could be found. Lines 2-3 and 3-5 shown as approved, in their relation to Sur. No. 964.

Sur. No. 1458, Gold Dust lode: None of the corners could be found. Lines 1-2 and 2-3 shown as approved, in their relation to Sur. No. 975.


RICHARD L. MERRITT,
Mineral Surveyor, G.L.O.,
Prescott, Arizona.

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 R. L. Merritt

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

Goldia Earl

known as the Porphyry Mine lode

and showing the respective capacities in which they acted.

- F. McKay, Chainman.
-, Chainman.
-, Axman.
-, Flagman.

FINAL OATHS OF ASSISTANTS

F. McKay

and do solemnly swear that we assisted

R. L. Merritt, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Goldia Earl

known as the Porphyry Mine lode

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

- F McKay, Chainman.
-, Chainman.
-, Axman.
-, Flagman.

Subscribed and sworn to by the above-named persons before me this 19th

day of Dec., 1941

J. C. Bauer
Notary Public

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FINAL OATH OF MINERAL SURVEYOR

I, R. L. Merritt, Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix Arizona, dated Feb. 4-1941,
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 _____
Goldia Earl, known as the
Porphyry Mine lode _____,
situate in Hassayampa Mining District,
Yavapai County, Arizona, in Section _____
2³⁵, Township No. 12 N^{12 1/2 N &}, Range No. 2 W⁴ Uns.
and designated as Survey No. 4248, 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 her
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.

R. L. Merritt
(Mineral Surveyor)

Subscribed and sworn to by the said R. L. Merritt
Mineral Surveyor, before me J. C. Bauer

this 19th

day of Dec., 1941

J. C. Bauer
Notary Public

My Commission Expires Jan. 10, 1945.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

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

Phoenix, Arizona

April 2, 1942

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

GOLDIA EARL

known as the PORPHYRY MINE lode

situate in Hassayampa

Mining District Yavapai County Arizona

in Sections 35 2, Township No. 12 1/2 N., Range No. 2 W., Uns., and

designated as Survey No. 4248, 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 or her grantors, and that said improvements consist of 4 shaft, 4 cuts, and 4 tunnels, total value \$1490

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.

SHERMAN C. FISKE

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

April 2, 19 42

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

GOLDIA EARL

, known as the

PORPHYRY MINE lode

situate in Hassayampa mining district,

Yavapai County, Arizona

in Sections 35 2, Township No. 12 1/2 N., 12 N., Range No. 2 W., Uns.

, designated as Survey No. 4248

executed by R. L. Merritt, Mineral

Surveyor, June 15 - Dec. 15, 1941, under my instructions dated

Feb. 4, 19 41, 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.

Sherman C. Fiske Office Cadastral Engineer.