

June 20, 1927  
July 5, 1927

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4-683

MINERAL SURVEY No. 4029

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

E. P. Moorhead

KNOWN AS THE

BANK VAULT, BOHEMIAN GIRL, and MINNEHAHA lodes

Walker Mining District,

Yavapai County, Arizona

Section ~~22~~ ~~27~~ Insur., Township 13 N., Range 1 W.  
& 28,

Surveyed under instructions dated November 30, 1926

by Asato Baldwin  
U. S. Mineral Surveyor.

Claim located See location notices.  
~~August 22, 1916 to June 19~~, 1918

Survey commenced December 8, 1926

Survey completed December 9, 1926

Address of claimant J. Andrew West, Prescott, Arizona

DATES OF AMENDED LOCATIONS.

~~November 23-24~~, 1926

6-822

✓ 7-6-27 / - -  
✓ 7-19-27

Feet

Mineral Survey No.4029

-1-

BANK VAULT LODE

Beginning at Cor.No.1.

On east side line of TomBoy No.1 lode,unsurveyed,  
claimant, Tom Isakson.

A diorite, 8 x 16 x 24 ins., set 12 ins. in the ground,  
with mound of stone alongside, chiseled (x) at exact point  
and BV 1-4029, whence

Std. Cor. of Secs. 32 and 33, T.13 N., R.1 W., Gila and Salt  
River Meridian, bears S. 31° 15' W., 8789.9 ft.

U.S.G.S. Bench Mark, stamped "El. 6225 feet above sea,  
Datum Prsct, bears S. 30° 06' W., 2864.9 ft.

A pine, 8 ins. diam., blazed and scribed BT (x) BV 1-4029,  
bears N. 81° E., 19.0 ft.

A pine, 10 ins. diam., blazed and scribed BT (x) BV 1-4029,  
bears N. 20° E., 14.4 ft.

Thence N. 37° 03' E.

429.00 West center end, a diorite 26 x 12 x 9 ins., set 14 ins.  
in a mound of stone, 3 ft. high.

710.52 To Cor.No.2.

Identical with Cor.No.1, Bohemian Girl lode of this  
survey, also with S.W. Cor. of Tom Boy and N.E. Cor. of Tom  
Boy No.1 lodes, unsurveyed, claimant, Tom Isakson.

A diorite, 8 x 12 x 26 ins., set 12 ins. in the ground,  
with mound of stone alongside, chiseled (x) at exact point  
and BV 2-4029, whence

A pine 12 ins. diam., blazed and scribed BT (x) BV 2, BG 1-  
4029, bears S. 70° E., 20.4 ft.

No other bearings available.

Thence N. 81° 25' E.

325 Center of dry gulch, general course Northeast.

690 Center of dry gulch, general course North.

Feet

## BANK VAULT LODE, Cont'd.

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1475 Center of dry gulch, general course North.

1500.00 To Cor.No.3.

A diorite, 8 x 20 x 24 ins., set 12 ins. in the ground, with mound of stone alongside, chiseled (x) at corner point and BV 3-4029, whence

A (x) and BR-BV 3-4029 chiseled on a diorite boulder, 4 x 4 x 5 ft. exposed, bears S. 15° W., 28.2 ft.

A (x) and BR-BV-3-4029 chiseled on a diorite boulder, 3 x 3 x 4 ft. exposed, bears N. 45° W., 31.2 ft.

Thence S. 37° 03' W.

90 Center of dry gulch, general course North.

281.52 East end center, a diorite, 20 x 12 x 8 ins., set 12 ins. in a mound of stone, 3 ft. high.

710.52 To Cor.No.4.

A diorite, 12 x 18 x 26 ins., set 14 ins. in the ground, with mound of stone alongside, chiseled (x) at exact point and BV 4-4029, whence

A pine, 24 ins. diam., blazed and scribed BT (x) BV 4-4029, bears S. 46° E., 33.6 ft.

No other bearings available.

Thence S. 81° 25' W.

1500.00 To Cor.No.1, the place of beginning.

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BOHEMIAN GIRL LODE

Beginning at Cor.No.1.

Identical with Cor.No.2, Bank Vault lode of this survey, previously described, with additional chiseling BG 1-4029, whence

Std Cor. of Secs. 32 and 33, T. 13 N., R. 1 W., bears S. 31° 41' W., 9497.0 ft.

U.S.G.S. Bench Mark stamped "E1 6225 feet above sea, Datum Prsct" bears S. 31° 28' 50" W. 3571.14 ft.

Feet	BOHEMIAN GIRL LODE, Cont'd.	-3-
	Thence N. 37° 03' E.	
1270	Center of dry gulch, general course, North.	
1360	Center of dry gulch, general course North.	
1500.00	To Cor.No.2.	
	Identical with Cor.No.1, Minnehaha lode of this survey, also with N.E. Cor. of the Tom Boy lode, unsurveyed.	
	A granite, 8 x 14 x 26 ins., set 14 ins. in the ground, with mound of stone alongside, chiseled (x) at exact point and BG 2-4029, whence	
	A pine, 12 ins. diam., blazed and scribed BT (x) BG 2-M 1-4029, bears N. 32° W., 17.3 ft.	
	A pine, 24 ins. diam., blazed and scribed BT (x) BG 2, M 1-4029, bears S. 69° E., 5.0 ft.	
	Thence N. 81° 25' E.	
140	Center of Bannie Road, unimproved, general course North and South.	
331.53	Cor.No.5, Minnehaha lode of this survey.	
429	North end center, a diorite, 6 x 8 x 25 ins., set 12 ins. in a mound of stone, 3 ft. high.	
858.00	To Cor.No.3.	
	A granite, 6 x 12 x 24 ins., set 12 ins. in the ground, with mound of stone alongside, chiseled (x) at exact point and BG 3-4029, whence	
	A (x) and BR-BG 3-4029 chiseled on a granite boulder, 8 x 10 x 15 ft. exposed, bears N. 71° W., 28.5 ft.	
	A pine, 24 ins. diam., blazed and scribed BT (x) BG 3-4029, bears S. 51° E., 16.2 ft.	
	Thence S. 37° 03' W.	
710	Center of Bannie Road, general course Northwest and Southeast.	

Feet

BOHEMIAN GIRL LODE, Cont'd.

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1500.00 To Cor.No.4.

On line 2-3, Bank Vault lode of this survey, 858 ft. from Cor.No.1.

A diorite, 10 x 12 x 24 ins., set 12 ins. in the ground, with mound of stone alongside, chiseled (x) at exact point and BG 4-4029, whence

An oak, 30 ins. diam., blazed and scribed BT (x) BG 4-4029, bears S. 45° W., 6.3 ft.

A pine, 20 ins. diam., blazed and scribed, BT (x) BG 4-4029, bears N. 30° E., 30.6 ft.

Thence S. 81° 25' W.

429 South end center, a diorite, 16 x 8 x 6 ins., set 8 ins. in a mound of stone, 3 ft. high.

858.00 To Cor.No.1, the place of beginning.

MINNEHAHA LODE

Beginning at Cor.No.1.

Identical with Cor.No.2, Bohemian Girl lode of this survey, previously described, with additional chiseling M 1-4029, whence

Std Cor. of Secs. 32 and 33, T. 13 N., R. 1 W., bears S. 32° 25' W., 10,991.5 ft.

U.S.G.S. Bench Mark stamped "El 6225 feet above sea Datum Prsct." bears Thence N. 52° 57' W. S. 33° 7' 35" W. 5066.2 ft.

130 Center of dry gulch, general course North.

300.00 To Cor.No.2.

Identical with north center end of Tom Boy lode, unsurveyed.

A diorite, 9 x 12 x 24 ins., set 12 ins. in the ground, with mound of stone alongside, chiseled (x) at exact point and M 2-4029, whence

An oak, 16 ins. diam., blazed and scribed BT (x) M 2-4029,

Feet	MINNEHAHA LODE, Cont'd.	-5-
	bears N.79°W.,8.0 ft. No other bearings available.	
	Thence N. 21° 00' E.	
720	Center of dry gulch,general course North.	
810	Center of Bannie road,general course North and South.	
910	Center of dry gulch,general course,Northwest.	
1500.00	To Cor.No.3. A diorite,6 x 14 x 24 ins.,set 12 ins. in the ground, with mound of stone alongside,chiseled (x) at exact point and M 3-4029,whence A pine,10 ins. diam.,blazed and scribed BT (x) M 3-4029, bears N.21° E.,12.2 ft. An oak,12 ins. diam.,blazed and scribed BT (x) M 3-4029, bears S. 20° W.,10.5 ft. Thence S. 52° 57' E.	
300	North end center,a diorite,26 x 8 x 6 ins.,set 14 ins. in a mound of stone,3 ft. high.	
600.00	To Cor.No.4. A diorite,7 x 14 x 24 ins.,set 12 ins. in the ground, with mound of stone alongside,chiseled (x) at exact point and M 4-4029,whence A pine,14 ins. diam.,blazed and scribed BT (x) M 4-4029, bears S. 22°W.,3.7 ft. No other bearings available. Thence S. 21° 00' W.	
500	Center of dry gulch,general course Northwest.	
1253.39	To Cor.No.5. On line 2-3,Bohemian Girl lode of this survey. A diorite,6 x 8 x 26 ins.,set 12 ins. in the ground, with mound of stone alongside,chiseled (x) at exact point and M 5-4029,whence	

Feet

MINNEHAHA LODE, Cont'd

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An oak, 8 ins. diam., blazed and scribed BT (x) M 5-4029, bears N. 73° E., 41.7 ft.

A juniper stump, 24 ins. diam., 30 ins. high, blazed and scribed BS (x) M 5-4029, bears S. 42° E., 9.2 ft.

Thence S. 81° 25' W.

191.53 Center of Bannie road, unimproved, general course North and South.

331.53 To Cor. No. 1, the place of beginning.

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VARIATION at all corners, 14° 30' E.  
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LODE LINES

As nearly as can be determined from present developments the veins of the several locations embraced in this claim extend as follows from their respective discovery points:

BANK VAULT lode, S. 81° 25' W., 328 ft. and N. 81° 25' E., 1172 ft.

BOHEMIAN GIRL lode, N. 37° 03' E., 1450 ft. and S. 37° 03' W., 50 ft.

MINNEHAHA lode, S. 21° 00' W., 1200 ft. and N. 21° 00' E., 300 ft.

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A R E A

	acres
Total area, Bank Vault lode.....	17.108
Total area, Bohemian Girl lode.....	20.660
Total area, Minnehaha lode.....	19.040

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The survey of each lode of this location is identical with the respective amended locations as staked upon the ground.

L O C A T I O N

This survey is located in Secs. <sup>22 &</sup> 27 (unsurveyed) and in Sec. 28, T. 13 N., R. 1 W., of Gila and Salt River Meridian and Base, Walker Mining District, Prescott National Forest.

EXPENDITURE OF FIVE HUNDRED DOLLARS

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

Bank Vault lode

~~Common Improvement No. 1~~, is the discovery shaft of the Bank Vault lode, located on its lode line <sup>N. 81° 25' E.</sup> 328 ft. from W.E.C., 6 x 6 ft., 30 ft. deep. Value, \$1200.

<sup>is a common improvement.</sup> This shaft, Continued to greater depth with drifts running therefrom <sup>it</sup> will not only develop the Bank Vault vein but the drifts will cut the vein or veins of the <sup>at Minnehaha</sup> Bohemian Girl lodes. Thus with one system of workings and one plant of machinery the three lodes can be most advantageously and economically worked. It is the expressed intention of the claimants to develop the claim in this manner.

An undivided one-third <sup>this</sup> interest in ~~Common Improvement No. 1~~ is therefore hereby credited as patent expenditure <sup>at Minnehaha</sup> to the Bank Vault ~~and Bohemian Girl~~ lodes ~~as follows:~~

~~Bank Vault lode.....\$600.00~~  
~~Bohemian Girl lode..... 600.00~~

No portion thereof or interest therein has heretofore been credited as patent expenditure.

~~No. 1.~~ An undivided one-third interest in Common Improvement No. 1, discovery shaft, credited to this lode.

Value.....\$400.00



EXPENDITURE OF FIVE HUNDRED DOLLARS, Cont'd

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No.2. A tunnel and open-cut, the face of the latter being on the lode line 460 ft. from W.E.C. The open-cut leads into the tunnel and is 4 x 6 ft., 12 ft. long, and the tunnel is 4 x 6 ft., 32 ft. long. Course of both N.74°W.

Value of tunnel and open-cut..\$800.00

No.3. A shaft, the center of which bears N.37°E., 170 ft. from a point on the lode line 738 ft. from W.E.C., 6 x 6 ft., 6 ft deep.

Value..... 75.00

Total.... \$1275.00

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Bohemian Girl lode

No.1. Discovery, an outcrop of quartz, on the lode line, N.37°03'E 50 ft. from the South End Center.

No value... ..

No.2. An open-cut, the face of which bears N.89°30'W., 205 ft. from discovery point, 5 x 5 ft., 16 ft. long, in earth and rock. Course N.55°E. from mouth.

Value..... \$ 100.00

No.3. A shaft, the center of which bears N.73°W., 260 ft. from discovery point, 6 x 6 ft., 4 ft. deep.

Value..... 50.00

An undivided one-third interest in Improvement No.1 on Bank Vault lode, this survey, previously described.

Value..... 400.00

Total..... \$ 550.00  
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## EXPENDITURE OF FIVE HUNDRED DOLLARS, Cont'd

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## Minnehaha lode

No.1. Discovery, an iron-stained outcrop, located on the lode line at S. 21° W. 300 ft. from the North End Center.  
No value.....

No.2. A shaft, the center of which bears N.78°W., 105 ft. from discovery point, 6 x 6 ft., 6 ft. deep in rock.

Value..... \$ 100.00

No.3. An open-cut, the face of which bears S.72°W., 272 ft. from discovery point, 5 x 10 ft., 20 ft. long, in rock.  
Course N.38°E.

Value..... 150.00

No.4. An open-cut, the face of which bears S.70°30'W., 248 ft. from discovery point, 4 x 5 ft., 10 ft. long, in rock.  
Course North.

Value..... 75.00

No.5. An open-cut, the face of which bears S.66°W., 230 ft. from discovery point, 4 x 5 ft., 12 ft. long, in rock.  
Course N.4°E.

Value..... 75.00

No.6. An open-cut, the face of which bears N.29°W., 290 ft. from Cor.No.5, 4 x 4 ft., 12 ft. long, in rock and earth.  
Course S.83°E.

Value..... 75.00

No.7. A shaft, the center of which bears N.33°W., 230 ft. from Cor.No.5, 6 x 6 ft., 8 ft. deep, in rock and earth.

Value..... 100.00

No.8. An open-cut, the face of which is on line 4-5, 925 ft. from Cor.No.4,

EXPENDITURE OF FIVE HUNDRED DOLLARS, Cont'd

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4 x 6 ft., 12 ft. long, in rock and earth.

Course S.65°W.	Value,	\$75.00
An undivided one-third interest in Improvement No. 1 on Bank Vault lode, this survey, previously described,	Value,.....	\$400.00
	Total	<u>\$1050.00</u>

Total Expenditure.....\$ 2875.00

OTHER IMPROVEMENTS

There are no other improvements.

I N S T R U M E N T

This survey was made with a Keuffel and Esser mountain transit, No. 27089. The courses were deflected from the true meridian as determined by direct observations upon the sun. The distances were measured with a 300-ft. steel tape.

R E P O R T

The lode line of the Bank Vault lode was run directly upon the ground and the several corners established by means of offsets therefrom. The corners of the Bohemian Girl and Minnehaha lodes were established by means of offsets from traverse lines run as closely as possible to the lode lines.

The disagreements between these field notes and the amended location certificates, -in regard to the lengths and courses of the boundary lines, -are due to errors in the certificates.

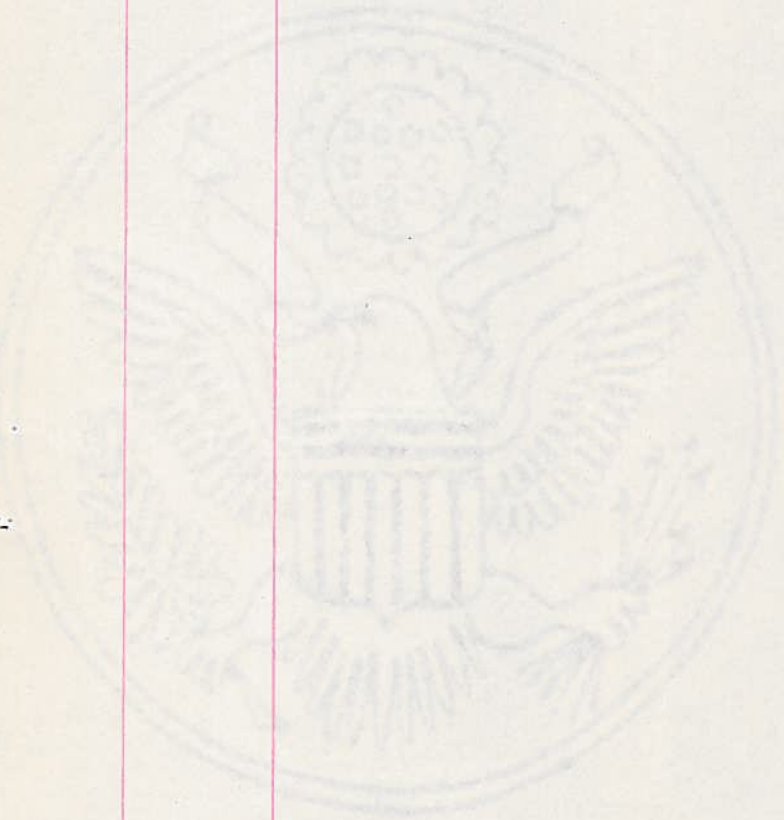
The Std Cor. of Secs. 32 and 33, T. 13 N., R. 1 W., Gila and Salt River Meridian and Base, is a cross (x) and S.C. chiseled on a granite boulder, 36 x 20 x 12 ins. This is the nearest standing corner of the public survey that

R E P O R T, Cont'd.

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could be found and identified, although a diligent and thorough search was made, and inquiry was made amongst the oldest settlers.

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# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Asa C. Baldwin  
United States 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 \_\_\_\_\_

E. P. Moorhead

known as the BANK VAULT, BOHEMIAN GIRL, and MINNEHAHA lodes

and showing the respective capacities in which they acted.

Oscar Anderson, Chairman.

David Harris, Chairman.

\_\_\_\_\_, Axman.

S.W. Howard, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Oscar Anderson, David Harris  
and S. W. Howard, do solemnly swear that we assisted \_\_\_\_\_

Asa C. Baldwin, United States Mineral Surveyor, in marking the corners and surveying  
the boundaries of the mining claim of E. P. Moorhead

known as the Bank Vault, Bohemian Girl and Minnehaha 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 instruc-  
tions furnished by the Office Cadastral Engineer, at Phoenix, Arizona.

Oscar Anderson, Chairman.

David Harris, Chairman.

\_\_\_\_\_, Axman.

S W Howard, Flagman.

Subscribed and sworn to by the above-named persons before me this 11<sup>th</sup>

day of December, 1926

*My commission expires  
Jan. 31, 1927*

J. Andrew West  
Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Asa C. Baldwin, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated November 30, 1926, 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 E. P. Moorhead, known as the BANK VAULT, BOHEMIAN GIRL, and MINNEHAHA lodes, situate in Walker Mining District, Yavapai County, Arizona, in Section 27-28, Township No. 13 N., Range No. 1 W., and designated as Survey No. 4029, 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 improvements 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.

Asa C. Baldwin
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Asa C. Baldwin
U. S. Mineral Surveyor, before me H. Carr, a notary Public
this 14th
day of June, 1927

H. Carr
Notary Public



U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior, PUBLIC SURVEY OFFICE OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

August 26, 1927.

I, U. S. Surveyor-General for 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

E. P. Moorhead

known as the BANK VAULT, BOHEMIAN GIRL, and MINNEHAHA lodes

situate in Walker

Mining District, Yavapai County, Arizona

in Section 22 & 27 Unsur. 28, Township No. 13 N., Range No. 1 W., and

designated as Survey No. 4029, 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.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claims by claimant or his grantors, and that said improvements consist of 5 shafts, 7 cuts and 1 tunnel, total value \$2875.

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 U. S. Land Office at Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

John D. Adams

United States Surveyor-General for OFFICE CADASTRAL ENGINEER

~~SURVEYOR GENERAL'S~~ CERTIFICATE OF APPROVAL OF FIELD NOTES  
AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR  
~~OFFICE OF U. S. SURVEYOR GENERAL~~  
PUBLIC SURVEY OFFICE

Phoenix, Arizona

August 26, 1927

I, ~~U. S. Surveyor General for~~ 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

E. P. Moorhead

, known as the

BANK VAULT, BOHEMIAN GIRL, and MINNEHAHA lodes

situate in Walker mining district,

Yavapai County, Arizona

in Section s. 22&27Unsur., & 28 Township No. 13 N., Range No. 1 W.

, designated as Survey No. 4029

executed by Asa C. Baldwin, U. S. Mineral

Surveyor, December 8 - 9, 1926, under my instructions dated

November 30, 1926, 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.

*John H. Adams*  
U. S. Surveyor General for OFFICE CADASTRAL ENGINEER