

OCT. 3-1910 1

3-8-1911.

F. L.

4-683.

MINERAL SURVEY No. 2758

LOT No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Pittsburgh Copper & Mining Co.

KNOWN AS THE

NANNIE E, THE ELI

White Mesa Mining District,

Coconino County, Arizona

Section Approximate, Township 38 N., Range 9 E., unsur.

Surveyed under instructions dated January 8, 1910

by J. F. Hesse U. S. Mineral Surveyor.

Claim located See Location Notices, 19

Survey commenced June 3, 1910

Survey completed June 4, 1910

6-322

Address of claimant's Attys.,

Clark, Prentiss & Clark,

Metropolitan Bank Bldg.,

Washington, D. C.

SURVEY NO. 2 758

The Eli Lode

Beginning at cor. No. 1
A sand stone 24 x 12 x 6 ins. set 12 ins. in the ground, marked T. E-1-2758 on NW. face, with a x on top, with a mound of stone 2 ft. base 2 ft. high alongside.
No bearings available.
U. S. L. M. No. 2758 bears S. 51° 33' E. 1420.19 ft. dist

Thence West

- 300. To S. end center
- 1600. To cor. No. 2
A sand stone 26 x 12 x 4 ins. set 13 ins. in the ground, marked T E-2-2758 on NE. face, with a x on top, with a mound of stone 2 ft. base, 2 ft. high alongside.
No bearings available.

Thence North

- 1134. Intersect line 1-2 of the Nannie E. Lode of this survey at a point which bears from cor. No. 1 of the Nannie E. Lode West 23.6 ft. dist.
- 1500. To cor. No. 3
A sand stone 36 x 17 x 4 ins. set 18 ins. in the ground, marked T E-3-2758 on SE. face, with a x on top, with a mound of stone 2 ft. base, 2 ft. high alongside.
Cedar 10 ins. dia. marked T E-3-2758-B.T. bears S. 24° 45' E 41 ft. dist.

Thence East

- 23. Intersect line 1-4 of the Nannie E. Lode of this survey, at a point which bears from cor. No. 1 of the Nannie E. Lode North 366 ft. dist.
- 300. To N. end center
- 600. To cor. No. 4
A sand stone 26 x 12 x 4 ins. set 13 ins. in the ground, marked T E-4-2758 on SW. face, with a x on top, with a mound of stone 2 ft. base, 2 ft. high alongside.
Cedar 8 ins. dia. marked T E-4-2758 B.T. bears S. 88° 50' E. 76. ft. dist.

Thence South

- 1500. To cor. No. 1 the place of beginning.
Variation at all corners is 14° 30' E.

Nannie E. Lode

Beginning at cor. No. 1
A sand stone 36 x 16 x 4 ins. set 18 ins. in the ground, marked N E-1-2758 on NW. face, with a x on top, with a mound of stone 2 ft. base, 2 ft. high alongside.
No bearings available.
U. S. L. M. No. 2758 bears S. 39° 57' E. 2631.22 ft. dist.

Thence West

- 23. Intersect line 2-3 of The Eli Lode of this survey at a point which bears from cor. No. 3 of the Eli Lode South 366 ft. dist.
- 300. To S. end center
- 600. To cor. No. 2
A sand stone 34 x 17 x 4 ins. set 17 ins. in the ground, marked N E-2-2758 on NE. face, with a x on top, with a mound of stone 2 ft. base, 2 ft. high alongside.
No bearings available.

Thence North

- 1500. To cor. No. 3
- 1500. A sand stone 24 x 15 x 4 ins. set 12 ins. in the ground, marked N E-3-2758 on SE. face with a x on top, with a

mound of stone 2 ft. base, 2 ft. high alongside.
No bearings available.

Thence East

300. To N. end center
600. To cor. No. 4

A sand stone ledge in place 50 x 35 x 25 ft. marked with a x on top, and N E-4-2758 on SW. side of x with a mound of stone 2 ft. base, 2 ft. high alongside.
Piñon 8 ins. dia. marked N E-4-2758-B.T. bears S. 61° 05' W 55.5 ft. dist.

Thence South

1134. Intersect line 3-4 of the Eli Lode of this survey at a point which bears from cor. 3 of the Eli Lode, East 23 ft.
1500. To cor. No. 1 the place of beginning.
Variation at all corners 14° 30' E.

Lode Lines

As near as can be determined from the present developments the veins of the two locations embraced in this claim extend as follows from their respective discovery points
Nannie E. Lode 1006 ft. North and 494 ft. South.
The Eli Lode 591 Ft. North and 909ft. South.

AREA

Total area Nannie E. Lode	20.661 Acres
Total area The Eli Lode	20.661 Acres.
Area in conflict between The Eli Lode and the Nannie E. Lode	.193 Acres.

LOCATION

These claims are located in the White Mesa Mining District Coconino County, Arizona, in what will approximately be when surveyed T. 38 N. R. 9 E. G. & S. R. E. & M. In the Navajo Indian Reservation.

ADJOINING CLAIMS

This survey is bounded on the North and the East by the California Lode Unsurveyed, and public land, the Navajo Indian Reservation. on the South and West by public land the Navajo Indian Reservation.

EXPENDITURE OF FIVE HUNDRED DOLLARS

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

The Eli Lode	
No. 1. Dis. Cuts, 5x22x7 ft. face, and 4x50x8 ft. face, which bear from the N. end center, South 591 ft.	
Value,	\$ 360.00
No. 2. Shaft 4 x6x4 ft. deep, which bears from the North end center, S. 2° 50' W., 492 ft.	
Value,	\$ 40.00
No. 3 Shaft, 4x6x10 ft. deep, which bears from the N. end center, S. 5° 42' E., 672 ft.	
Value,	\$ 100.00

No. 4 Cut 4x50x6 ft. face, which bears from the N. end center South 551 ft. Value \$ 250.00

Nannie E. Lode

Cuts

No. 1 Dis. 3x17x5 ft. face, and 5x15x5 ft. face, which bear from the S. end center North 494 ft.

Value \$ 160.00

No. 2 Shaft 4x6x9 ft. deep, which bears from the S. end center, N. 57°10' E. 226 ft.

Value \$ 90.00

No. 3 Shaft 5x6x9 ft. deep, which bears from the S. end center, N. 3°44' E. 464 ft.

Value \$ 90.00

No. 4 Shaft 4x6x7 ft. deep, which bears from the S. end center, N. 9°21' E. 472 ft.

Value \$ 70.00

No. 5 Shaft 4x6x23 ft. deep, which bears from the S. end center, N. 12°22' E. 468 ft.

Value \$ 230.00

No. 6 Shaft 4x6x5 ft. deep, which bears from the S. end center, N. 11°54' E. 478 ft.

Value \$ 50.00

No. 7 Shaft 4x8x4 ft. deep, which bears from the S. end center, N. 14°19' E. 460. Ft.

Value \$ 40.00

No. 8 Shaft 4x6x5 ft. deep, which bears from the S. end center, N. 13°35' E. 435 ft.

Value \$ 50.00

No. 9 Shaft 4x6x6 ft. deep, which bears from cor. No. 3 S. 47°30' E. 318 ft.

Value \$ 60.00

No. 10 Shaft 4x6x4 ft. deep, which bears from cor. No. 3 S. 43°10' E. 317 ft.

Value \$ 40.00

No. 11 Shaft 4x4x6 ft. deep, which bears from cor. No. 3 S. 45°30' E. 350 ft.

Value \$ 60.00

No. 12 Shaft 4x4x8 ft. deep, which bears from cor. No. 3 S. 30°15' E. 401 ft.

Value \$ 80.00

REPORT

The lode line of each of the locations of this claim was run directly upon the ground and the several corners were established by means of offsets from the lode lines.

All the lines were run directly upon the ground, and all corners and end centers were identical with the location corners and end centers. All location corners were stones set firmly in the ground. This claim is identical with the George Wallace and White Rock Locations described and surveyed by Amherst W. Barber, Detailed Clerk, G.L.O. under instructions from the Commissioner, dated April 1st. 1901.

INSTRUMENT

This survey was made with an A Lietz, light mountain transit, No. 5631, with a solar attachment. The courses were deflected from the true meridian as determined by solar observations. The distances were measured with 100 and 300 ft. steel tapes.

John A. Hesse
U. S. Mineral Surveyor

This monument is situated on top of an old Fort which is near the W. end line of the Ida M. Smyth Sur. No. 2761.

A sand stone 40 x 30 x 12 ins.sq. set in the ground, marked U. S. L. M. No. 2758 on the face, with a x on top, with a mound of stone 7 ft. base, 6 ft. high alongside. Piñon tree 8 ins.dia. marked U. S. L. M. No. 2758 bears S. 20° 33' E. 25 ft. dist.

Piñon tree 10 ins.dia. marked U. S. L. M. No. 2758 bears N. 73° 07' E. 69.4 ft. dist.

Chimney on a stone cabin on the Little Dick Lode Sur. No. 2763 bears N. 8° 40' E.

NW. cor. of a stone cabin on the Little Dick Lode Sur. No. 2763 bears N. 9° 47' E.

Black mountain supposed to be Navajo Mountain bears N. 47° 30' E.

Sharp peak near Willow Springs bears S. 10° 00' W.

Square sand stone peak across the Colorado river bears N. 40° 16' W.

The section cor. common to sections 1-2-11 and 12 T. 25 N. R. 7 E. bears S. 6° 43' W. 392263.62 ft. dist.

John P. Hesse
U. S. Mineral Surveyor.

Phoenix, Arizona.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by J. F. Hesse

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 _____

Pittsburgh Copper & Mining Co.

known as the Nannie E. The Eli

and showing the respective capacities in which they acted.

Harry E. Jones, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~ I, Harry E. Jones

and _____, do solemnly swear that ~~we~~ ^I assisted J. F. Hesse

_____, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Pittsburgh Copper & Mining Co.

known as the Nannie E. , The Eli

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 United States Surveyor-General for Arizona

Harry Jones, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 3rd

day of October 1910

Ursula DeMund
Notary Public

My com. expires
May 19, 1913.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, J. F. Hesse, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
January 8, 1910., I have, in strict conformity to the laws of the
United States, the official regulations and instructions thereunder, and the instructions
of said Surveyor General, faithfully and correctly executed the survey of the Mining
Claim of Pittsburgh Copper & Mining Co.
; known as the
Nannie E. The Eli
situate in White Mesa Mining District,
Coconino County, Arizona, in Section
Approx., Township No. 38 N., Range No. 9 E. (unsurveyed)
and designated as Survey No. 2758, 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 Surveyor General with
said instructions, and that all the corners of said survey have been established and per-
petuated in strict accordance with the law, official regulations and instructions there-
under; 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 its 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.

J. F. Hesse
U. S. Mineral Surveyor.

Subscribed and sworn to by the said J. F. Hesse
U. S. Mineral Surveyor, before me Ursula DeMund
a Notary Public this 3rd
day of October, 1910

Ursula DeMund
Notary Public

*My com. expires
May 19, 1913.*

CLARK, PRENTISS & CLARK,
Attorneys & Counsellors,
Metropolitan Bank Building,
WASHINGTON, - D. C.

TERRITORY OF ARIZONA)
County of Coconino) ss.

I, Jesse L. Boyce, County Recorder in and for the County and Territory aforesaid, do hereby certify that I have compared the within and next following copy with the record of the Nannie E mining claim, recorded in my said office on the 28th day of July, 1900 in Book 2 of Mines, Page 490, and that the same is a full, true, correct and complete copy of such record and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of office, this the 16th day of Nov., A.D., 1909.



Jesse L. Boyce
County Recorder, Coconino County, Arizona.

Notice of Mining Location.

QUARTZ CLAIM.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Nannie E. Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Wm Hicklin, a citizen of the United States the undersigned, on the 3 day of May 1900.

The length of this claim is 1500 feet, and I claim 1000 feet in a Northerly direction, and 500 feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the South

The claim is situated and located in the White Mesa Mining District, in Coconino County, in the Territory of Arizona, about $\frac{3}{4}$ mile in a North Westerly direction from an Old Fort and 40 miles from Tuba City

The surface boundaries of the claim are marked upon the ground as follows: Beginning at Stone Monument at a point in a Northerly direction 1000 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence East 300 feet to a Stone Monument, being the North East corner of said claim; thence South 750 feet to a Stone Monument, at the center of the East side line of said claim; thence South 750 feet to a Stone Monument being at the South East corner of said claim; ~~thence~~ thence West 300 feet to a Stone Monument, at the center of the South end of said claim; thence West 300 feet to a Stone Monument being at the South west corner of said claim; thence North 750 feet to a Stone Monument being at the center of the West side line of said claim; thence North 750 feet to a Stone Monument at the North East corner of said claim; thence East 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines", approved March 20th, 1895, and amended March 2nd, 1899.

Dated and posted on the ground, this 3 day of May 1900.

Wm. Hicklin.

CLARK, PRENTISS & CLARK,
Attorneys & Counsellors,
Metropolitan Bank Building,
WASHINGTON, - D. C.

TERRITORY OF ARIZONA,)
County of Coconino,)ss.

I, Jesse L. Boyce, County Recorder in and for the County and Territory aforesaid, do hereby certify that I have compared the within and next following copy with the record of the **The Eli** mining claim, recorded in my said office on the 28th day of July, A.D., 1900, in Book 2 of Mines, Page 491, and that the same is a full, true, correct and complete copy of such record and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of my office, this the 16th day of November, A. D., 1909.

County Recorder, Coconino County, Arizona.



Jesse L. Boyce
County Recorder, Coconino County, Arizona.

Notice of Mining Location
QUARTZ CLAIM.

TO ALL WHOM it MAY CONCERN:

This mining claim, the name of which is the The Eli" Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Wm Hicklin a citizen of the United States the undersigned, on the 3 day of May 1900

The length of this claim is 1500 feet and I claim 1000 feet in a North-erly direction, and 500 feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the South

The claim is situated and located in the White Mesa Mining District, in Coconino County, in the Territory of Arizona, about 1200 yards in a North Westerly direction from an old Fort and 40 miles from Tuba City

The surface boundaries of the claim are marked upon the ground as follows: Beginning at Stone Monument at a point in a Northerly direction 1000 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence East 300 feet to a Stone Monument, being the North East corner of said claim; thence South 750 feet to a Stone Monument, at the center of the East side line of said claim; thence South 750 feet to a Stone Monument being at the South East corner of said claim; thence West 300 feet to a Stone Monument, at the center of the South end of said claim; thence West 300 feet to a Stone Monument being at the South West corner of said claim; thence North 750 feet to a Stone Monument being at the center of the West side line of said claim; thence North 750 feet to a Stone Monument, at the North West corner of said claim; thence 300 feet to the place of beginning.

All done under the provision of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an act of the General Assembly of Arizona, entitled " An Act Concerning Mines", approved March 20, 1895, and amended March 2nd, 1899.

Dated and posted on the ground this 3 day of May 1900.

Wm Hicklin

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

March 13, 1911., 190

I, U. S. Surveyor-General for Arizona,

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

Pittsburgh Copper & Mining Co.,

known as the NANNIE E. THE ELI,

situate in White Mesa

Mining District, Coconino County, Arizona,

in Section approx., Township No. 38 N., Range No. 9 E., unsurveyed and

designated as Survey No. 2758, 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 each of said mining claim^s by claimant^s or its grantors, and that said improvements consist of 5 cuts and 13 shafts, total value \$1770.00

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 U. S. Land Office at Phoenix, Arizona,

is correct and in conformity with the foregoing Field Notes.

Frank S. Ingalls,

United States Surveyor-General for Arizona,

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

March 13, 1911., 190

I, U. S. Surveyor-General for Arizona,

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

Pittsburgh Copper & Mining Co.,

, known as the

NANNIE E, THE ELI,

situate in White Mesa mining district,

Coconino County, Arizona,

in Section approximate, Township No. 38 N., Range No. 9 E., unsurveyed,

, designated as Survey No. 2758,

executed by J. F. Hesse, United States Mineral

Surveyor, June 3 - 4, 1910., 190X, under my instructions dated

January 8, 1910., 190X, have been critically examined and the necessary cor-

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

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

Frank S. Dyck

U. S. Surveyor-General for Arizona.