

MINERAL SURVEY No. 3803

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

BIG BUTTE COPPER COMPANY

KNOWN AS THE

ARIZONA, BELLMONT, BUENA VISTA, COPPER HILL, EMPIRE, GREY EAGLE HOME RUN, MORNING STAR NO. 3, POCAHONTAS, and STANLEY lodes

COPPER BASIN Mining District,

YAVAPAI County, ARIZONA

36 Unsur. T. 14 N. R. 4 W. Unsur.

Section X-18-19 Unsur, Township T. 13 N., Range 3 W. Unsur.

Surveyed under instructions dated Aug. 23, 1921

by J. WILLIAM WAARA

U. S. Mineral Surveyor.

Claim located ^{location} see notices, 19

Survey commenced August 24, 19 21

Survey completed August 30, 19 21

Address of claimant Big Butte Copper Company, H. E. Shumate, Secretary, Prescott Ariz.

DATES OF AMENDED LOCATIONS.

MINERAL SURVEY NO. 3802

Claims	M & B Desc.	Improvements	Loc. Notices
	Pg.	Pg.	<u>Red</u> Pg.
Arizona	9	14	1
Bellmont	2	12	2
Buena Vista	5	13	3
Copper Hill	4	12	4
Empire	3	12	5
Grey Eagle	1	11	6
Home Run	8	14	7
Morning Star No. 3	7	14	8
Pocahontas	6	13	9
Stanley	3	12	10

Feet

MINERAL SURVEY NO. 3802

Grey Eagle lode

Beginning at Cor. No.1, a granite stone 6 x 12 x 27 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled G E 1

3802 with cross on top for exact corner point, whence,

The N.E. Cor sec. 1 T. 13 N. R. 4 W of the Gila and Salt River Base and Meridian, brs. S. 32°-07'E. 205.1 ft.

A granite boulder 4 x 6 x 0.5 ft exposed and chiseled BxR G E 1 3802, brs. N.78°-57'E. 3.6 ft.

Thence N. 5°-00'E.

332.8 West Center end, a mound of stone.

665.6 TO COR. NO. 2, a granite stone 6 x 8 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled G E 2 3802 with cross on top for exact corner point, whence,

A granite boulder 2 x 3 x 1 foot exposed and chiseled BxR G E 2 3802, brs. N.21°-38'W. 39.5 ft.

Thence S. 59°-20'E.

1493.5 TO COR. NO. 3, located on line 1-2 Buena Vista lode of this survey, N.6°-56'E. 472.5 ft from Cor.No.1, a porphyry stone 4 x 10 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled G E 3 3802 with cross on top for exact corner point.

No bearings available.

Thence S. 5°-00'W.

332.8 East Center end, a mound of stone.

467.4 Intersect line 4-1 Buena Vista lode identical with line 1-2 Pocahontas lode both of this survey, N.78°-10'E. 16.65 ft. from Cors. No. 1 respectively.

665.6 TO COR. NO. 4 located on line 4-1 Pocahontas lode of this survey S. 6°-56'¹⁷W. 193.9 ft from Cor. No.1, a granite stone 8 x 10 x 20 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled G E 4 3802 with cross on top for exact corner point, whence,

No bearings available.

Thence N. $59^{\circ}-20'W$.

1493.5 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners, $15^{\circ}-00'E$.

Bellmont lode.

Beginning at Cor. No.1, identical with Cor. No.

2 Empire lode of this survey, a granite stone 6 x 8 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled B 1 3802, E 2

with cross on top for exact corner point, whence

The N. E. Cor. Sec:1 T.13 N.R.4W, brs. S. $34^{\circ}-57'W$. 2587.9 ft.

No bearings available.

Thence N. $6^{\circ}-56'E$.

316.6 WEST CENTER END, a mound of stone.

633.1 TO COR. NO. 2, a granite stone 4 x 12 x 30 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled B 2 3802 with cross on top for exact corner point, whence,

A pinion tree 10" in diameter, scribed BxT B 2 3802, brs. S. $43^{\circ}-52'W$. 10.6 ft.

Thence N. $78^{\circ}-22'E$.

1498.9 TO COR. NO.3, a shist boulder 12 x 18 x 6 inches exposed, with a substantial mound of stone alongside; chiseled B 3 3802 with cross on top for exact corner point, whence

A shist reef 5 ft exposed and Chiseled BxR B 3-3802, brs. S. $12^{\circ}-07'E$. 79.6 ft.

Thence S. $6^{\circ}-56'W$.

313.8 EAST CENTER END. a mound of stone.

630.4 TO COR. NO. 4, identical with Cor. No.3, Empire lode of this survey, a shist stone 8 x 10 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled B4, E 3 3802 with cross on top for exact corner point,

No bearings available.

Thence S. $78^{\circ}-16'W$.

1500.0 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners $15^{\circ}-00'E$.

Empire lode.

Beginning at Cor. No. 1, identical with Cor. No. 2 Stanley lode of this survey, a porphyry stone 6 x 6 x 18 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled S2 3802 E 1, with cross on top for exact corner point, whence,
The N. E. Cor. Sec. 1 T. 13 N. R. 4 W brs. S. 43° - 17' W. 2050.5 ft.
No bearings available.

Thence N. 6° - 56' E.
316.65 WEST CENTER END, a mound of stone.
633.30 TO COR. NO. 2, identical with Cor. No. 1 Bellmont lode of this survey, previously described.

Thence N. 78° - 16' E.
1500.0 TO COR. NO. 3, identical with Cor. No. 4 Bellmont lode of this survey, previously described.

Thence S. 6° - 56' W.
316.65 EAST CENTER END, a mound of stone.
633.3 TO COR. NO. 4, identical with Cor. No. 3 Stanley lode of this survey, a granite stone 6 x 8 x 22 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled E 4. 3802 S 3, with cross on top for exact corner point,
No bearings available.

Thence S. 78° - 16' W.
1500.0 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15° - 00' E.

Stanley lode.

Beginning at Cor. No. 1, identical with Cor. No. 2 Copper Hill lode of this survey, a porphyry stone 8 x 8 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled C H 2 3802 S 1 with cross on top for exact corner point, whence,
The N. E. Cor. Sec. 1 T. 13 N. R. 4 W brs. S. 56° - 59' W. 1585.4 ft.
A porphyry boulder 6 x 8 x 6 feet exposed and chiseled BxR S 1 3802, brs. S. 52° - 13' E. 4.0 ft.

Thence N. 6° - 56' E.
316.7 WEST CENTER END, a mound of stone.
633.4 TO COR. NO. 2, identical with Cor. No. 1 Empire lode of this

survey, previously described.

Thence N. $78^{\circ}-16'E$.

1500.0 TO COR. NO. 3, identical with Cor. No. 4 Empire lode of this survey, previously described.

Thence S. $6^{\circ}-56'W$.

315.7 EAST CENTER END, a mound of stone.

632.4 TO COR. NO. 4, identical with Cor. No. 3 Copper Hill lode of this survey, a porphyry stone 4 x 12 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled S 4 C H 3 3802 with cross on top for exact corner point, whence,

A forked Juniper tree 14 inches in diameter scribed BxT S 4 3802 brs. S. $41^{\circ}-37'W$. 34.1 ft.

Thence S. $78^{\circ}-14'W$.

1500.0 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners $15^{\circ}-00'E$.

Copper Hill lode

beginning at Cor. No. 1, identical with Cor. No. 2 Buena Vista lode of this survey, a porphyry stone 8 x 12 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled C H 1, B V 2 3802 with cross on top for exact corner point, whence,

The N. E. Cor. Sec. 1 T. 13 N. R. 4 W. brs S. $79^{\circ}-23'W$. 1274.8 ft.

A Porphyry reef ten feet exposed and chiseled BxR C H 1 3802 brs. N. $45^{\circ}-03'W$. 16.0 ft.

Thence N. $6^{\circ}-56'E$.

316.7 WEST CENTER END, a mound of stone.

633.4 TO COR. NO. 2, identical with Cor. No. 1 Stanley lode of this survey, previously described.

Thence N. $78^{\circ}-14'E$.

1500.0 TO COR. NO. 3, identical with Cor. No. 4 Stanley lode of this survey, previously described.

Thence S. $6^{\circ}-56'W$.

316.7 EAST CENTER END, a mound of stone.

- 633.4 TO COR. NO. 4, identical with Cor. No. 3 Buena Vista lode
of this survey
a porphyry stone 6 x 8 x 24 inches long set twelve inches
in the ground with a substantial mound of stone alongside;
Chiseled C H 4 B V 3 3802 with cross on top for exact
corner point, whence ,
A porphyry boulder 6 x 12 x 6 ft. exposed and
chiseled BxR C H 4 3802; brs. S. 33°-04'E. 56.1 ft.
Thence S. 78°-12'W.
- 1500.0 TO THE PLACE OF BEGINNING. All corners are identical with
their respective locations. Variation at all corners
15°-00'E.
Buena Vista lode.
beginning at Cor. No. 1, identical with Cor. No.
1 Pocahontas lode of this survey, a granite stone 8 x 10
x 27 inches long set twelve inches in the ground with a
substantial mound of stone alongside; chiseled P 1 3802,
B V 1 with cross on top for exact corner point, whence,
A granite boulder 3 x 2 x 0.5 ft. exposed and
chiseled BxR P 1 3802 brs. N. 21°-46'W. 33.4 ft.
The N.E. Cor of sec. 1 T. 13 N. R. 4 W brs. N. 71°-
29'W. 1240.8 ft.
Thence N. 6°-56'E.
- 316.7 WEST CENTER END, a mound of stone.
- 472.5 Cor. No. 3 Grey Eagle lode of this survey, previously
described.
- 633.4 TO COR. NO. 2, identical with Cor. No. 1 Copper Hill lode
of this survey, previously described.
Thence N. 78°-12'E.
- 1500.0 TO COR. NO. 3, identical with Cor. No. 4 Copper Hill lode
of this survey, previously described.
Thence S. 6°-56'W.
- 316.7 EAST CENTER END, a mound of stone.
- 633.4 TO COR. NO. 4, identical with Cor. No. 2 Pocahontas lode
of this survey, a porphyry stone 8 x 10 x 28 inches long
set twelve inches in the ground with a substantial mound

of stone alongside; chiseled P 2 3802, B V 4 with cross on top for exact corner point.

No bearings available.

whence S. 78°-10'W.

1483.35 Intersect line 3-4 Grey Eagle lode of this survey, S.5°-00'W. 467.4 ft. from Cor. No.3.

1500.0 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15°-00'E.

X Pocahontas lode.

Beginning at Cor. No.1 identical with Cor. No.1 Buena Vista lode of this survey, previously described, whence ;

The N.E. Cor. Sec. 1 T.13 N.R.4 W. brs. N.71°-29'W. 1240.8 ft.

Thence N.78°-10'E.

16.65 Intersect line 3-4 Grey Eagle lode of this survey, N.5°-00'E. 198.3 ft. from Cor. No.4.

1500.0 TO COR. NO. 2, identical with Cor. No. 4 Buena Vista lode of this survey, previously described.

Thence S. 0°-17'W.

306.2 EAST CENTER END, a mound of stone.

612.9 TO COR. NO. 3, identical with Cor. No. 2 Morning Star/lode No.3 of this survey, a porphyry reef twenty feet exposed with a substantial mound of stone on top; chiseled M S 3-2-3802, P 3 with cross at top of east face for exact corner point, whence,

A porphyry reef ten feet exposed and chiseled BxR P 3 3802 at the base, brs. S.0°-17'W. 13.6 ft.

Thence S.78°-09'W.

1500.0 TO COR. NO. 4, identical with Cor. No.1 Morning Star/lode No.3 of this survey, a granite stone 8 x 10 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled M S 3 1 3802, P 4 with cross on top for exact corner point, whence,

- A granite cropping three feet exposed and chiseled
 BxR P 4 3802, brs. N.30°-14'E. 13.8 ft.
 Thence N.0°-17'E.
- 306.7 WEST CENTER END, a mound of stone.
- 419.3 Cor.No.4 Grey Eagle lode of this survey, previously described.
- 613.2 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15°-00'E.
- × Morning Star No.3 lode
 beginning at Cor. No.1 identical with Cor. No. 4 Pocahontas lode of this survey, previously described, whence
 The N.E. Cor Sec.1 T.13 N.R.4 W. brs. N.49°-22'W.
 1546.5 ft.
 Thence N.78°-09'E.
- 1500.0 TO COR. NO. 2, identical with Cor.No. 3 Pocahontas lode of this survey, previously described.
 Thence S.0°-17'W.
- 306.3 EAST CENTER END, a mound of stone.
- 613.0 TO COR. NO.3, identical with Cor. No. 2 Home Run lode of this survey, a granite stone 8 x 10 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled M S 3 3 3802, H R 2 with cross on top for exact corner point.
 No bearings available.
 Thence S.78°-11'W.
- 1500.0 TO COR. NO.4, identical with Cor. No. 1 Home Run lode of this survey, a granite stone 8 x 12 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled H R 1 3802, M S 3 4 with cross on top for exact corner point, whence,
 No bearings available.
 Thence N.0°-17'E.
- 306.7 WEST CENTER END, a mound of stone.
- 613.1 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15°-00'E.

Home Run lode.

Beginning at Cor. No.1, identical with Cor. No. 4 Morning Star No.3 lode of this Survey, previously described, whence,

The N.E. Cor sec. 1 T.13 N.R.4 W. brs. N. $35^{\circ}-51'$ W. 1998.9 ft.

Thence N. $78^{\circ}-11'$ E.

1500.0 TO COR. NO.2, identical with Cor. No. 3 Morning Star No.3 lode of this survey, previously described,

Thence S. $0^{\circ}-17'$ W.

306.7 EAST CENTER END, a mound of stone.

612.9 TO COR. NO.3, identical with Cor. No.2 Arizona lode of this survey, a porphyry stone 8 x 14 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled A 2 3802, H R 3 with cross on top for exact corner point.

No bearings available.

Thence S. $78^{\circ}-15'$ W.

740 cross road, brs. east and west.

1375 Cross creek, flows westerly.

1500.0 TO COR. NO.4, identical with Cor. No. 1 Arizona lode of this survey, a granite stone 8 x 12 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled A 1 3802 H R 4 with cross on top for exact corner point, whence,

A granite boulder 3 x 2 x 3 feet exposed and chiseled BxR A 1 3802, brs. S. $19^{\circ}-03'$ E. 19.7 ft.

Thence N. $0^{\circ}-17'$ E.

70 Cross creek, flows westerly.

135 Cross road brs. east and west.

306.2 WEST CENTER END, a mound of stone.

611.5 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. variation at all corners $15^{\circ}-00'$ E.

Arizona lode.

Beginning at Cor. No. 1, identical with Cor. No. 4 Home Run lode of this survey, previously described, whence,

The N. E. Cor. Sec. 1 T. 13 N. R. 4 W brs. N. 29° - 37' W.
2518.5 feet.

Thence N. 78° - 15' E.

- 125 Cross creek, flows westerly.
- 760 cross road brs. east and west.
- 1500.0 TO COR. NO. 2, identical with Cor. No. 3 Home Run lode of this survey, previously described.
- Thence S. 0° - 17' W.
- 233.0 Cross road brs east and west.
- 306.3 EAST CENTER END, a mound of stone.
- 595 Cross creek, flows westerly
- 613.0 TO COR. NO. 3, a porphyry stone 8 x 12 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled A 3 3802 with cross on top for exact corner point, whence,
- A granite bluff twenty feet high chiseled BxR A 3 3802 at its base brs. S. 0° - 17' W. 2.3 ft.
- thence S. 78° - 14' W.
- 1500.0 TO COR. NO. 4, a granite stone 8 x 12 x 26 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled A 4 3802 with cross on top for exact corner point, whence,
- A granite boulder 3 x 1 x 1 foot exposed and chiseled BxR A 4 3802, brs. S. 82° - 03' E. 6.3 ft.
- Thence N. 0° - 17' E.
- 306.7 WEST CENTER END, a mound of stone.
- 613.4 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15° - 00° E.

LODE LINES

As near as can be determined from the present developments, the veins on the respective lodes extend as follows from their discoveries:

Grey Eagle lode
 N. 59°-20'W. 338.5 ft. and S. 59°-20'E. 1155 ft. ✓

Bellmont lode
 N. 78°-16'E. 1210 ft and S. 78°-16'W. 290 feet.

Empire lode
 N. 78°-16'E. 150 feet and S. 78°-16'W. 1350 ft. ✓

Stanley lode
 N. 78°-14'E. 1260 feet and S. 78°-14'W. 240 ft.

Copper Hill lode
 N. 78°-14'E. 1420 ft. and S. 78°-14'W. 80 ft. ✓

Buena Vista lode
 N. 78°-12'E 1375 ft. and S. 78°-12'W. 125 ft. ✓

Pocahontas lode
 N. 78°-09'E. 1286 ft. and S. 78°-09'W. 214 ft. ✓

Morning Star No. 3 lode
 N. 78°-11'E. 1330 ft. and S. 78°-11'W. 170 ft. ✓

Home Run lode
 N. 78°-15'E. 882 ft. and S. 78°-15'W. 618 ft. ✓

Arizona lode
 N. 78°-14'E. 645 ft and S. 78°-14'W. 855 ft. ✓

AREAS

	Acres	acres
Grey Eagle lode		
Total area - - - - -		20.569 ✓
Area in conflict with		
Pocahontas lode <i>this survey</i> - - -	0.037 ✓	
Buena Vista lode <i>this survey</i> - - -	0.086	
Bellmont lode		
Total area - - - - -		20.606 ✓
Empire lode		
Total area - - - - -		20.661
Stanley lode		
Total area - - - - -		20.646
Copper Hill lode		
Total area - - - - -		20.661 ✓
Buena Vista lode		
Total area - - - - -		20.656 ✓
Pocahontas lode		
Total area - - - - -		20.640 ✓
Morning Star No. 3 lode		
Total area - - - - -		20.641 ✓
Home Run lode		
Total area - - - - -		20.616 ✓

Arizona lode	Acres	acres
Total area - - - - -		20.651 ✓

LOCATION

This survey is located in Sections ^{Unsur} 7-18-19, T. 13 N. R. 3 W. and Section ^{Unsur} 36, T. 14 N. R. 4 W ~~un-surveyed~~, Gila and Salt River Base and meridian, within the Prescott National Forest, Yavapai County, State of Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and im-
provements made upon or for the benefit of each of these ^{locations}
by the claimant or his grantors is not less than five
hundred dollars, and that said improvements consists of:
Grey Eagle lode

No.1 Discovery cut and tunnel, the mouth of cut
brs. S.59°-20'E. 338.5 ft. from the North Center end, cut
4 x 8 x 18 ft, Tunnel 4 x 6 x 300^{ft.}, brs. S.68° E.

Value cut	\$100.00
tunnel	\$3000.00

No.2 Cut and tunnel, the mouth of cut brs. N.23°-05'
E. 350 ft. from Cor. No. 1, cut 4 x 24 x 10 foot face,
tunnel 4 x 6 x 30 ft brs. S.76° E.

Value cut	\$150.00
Tunnel	300.00

No.3 shaft 4 x 3 x 3 ft, the center of which brs
N.82°-50'E. 580 ft. from Cor. No.1

Value	\$ 20.00
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No.4 cut, 4 x 24 x 8 foot face, the mouth of which
brs. N.68°-30'W. 610 ft. from Cor. No. 3

value	\$150.00
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To be accredited to this lode is an equal undivided
1/10 th interest in Improvement No.1 of this lode as
described under heading "Common Improvements"

Value	\$310.00
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To be accredited to this lode is an equal undivided
1/10 th interest in Improvement No. 2 Bell mont lode as
described under heading "Common Improvements"

value \$ 300.00

Bellmont lode

No.1 Discovery cut, the center of which brs. N.78°-16'E. 290 feet from the west center end, 4 x 16 x 8 foot face.

Value \$100.00

No.2 Tunnel, the mouth of which brs. S.81°-20'W. 635 ft. from Cor.No.4, 4 x 6 x 300 ft, brs. south.

Value \$3000.00

To be accredited to this lode is an equal undivided 1/10 interest in Improvement No.1 Grey Eagle lode

Value \$310.00

To be accredited to this lode is an equal undivided 1/10 interest in Improvement No.2 Bellmont lode

Value \$300.00

Empire lode

No.1 Discovery cut, the face of which brs. S.78°-16'W. 150 ft. from the East center end, 4 x 16 x 9 foot face.

Value \$100.00

To be accredited to this lode is an equal undivided 1/10 interest in Improvement No.1 Grey Eagle lode

Value \$310.00

To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No.2 Bellmont lode

Value \$300.00

Stanley lode

No.1 Discovery cut, the face of which brs. N.78°-14'E. 240 feet from the West Center end, 4 x 13 x 10 foot face.

Value \$100.00

To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No.1 Grey Eagle lode

Value \$310.00

To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No. 2 Bellmont lode

Value \$300.00

Copper Hill lode

No.1 Discovery cut, the center of which brs. N.78°-14'E. 80 ft. from the West center end, 4 x 14 x 8 foot face

Value \$100.00

To be accredited to this lode is an equal undivided

1/10 th interest in Improvement No.1 Grey Eagle lode.

Value \$310.00

To be accredited to this lode is an equal undivided

1/10 th interest in Improvement No.2 Bellmont lode

Value \$300.00

No.2 cut, the mouth of which brs. N.14°-40'E. 100 feet from Cor. No.1, 4 x 15 x 8 foot face.

Value \$100.00

Buena Vista lode

No.1 Discovery cut, the center of which brs. N.78°-12'E. 125 feet/from west center end/ 4 x 14 x 10 foot face.

Value \$100.00

To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No.1 Grey Eagle lode

Value \$310.00

To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No.2 Bellmont lode

Value \$300.00

Pocahontas lode

No.1 Discovery shaft, the center of which brs. N.78°-09'E. 214 ft. from West center end, 4 x 6 x 10 ft deep

Value \$100.00

To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No.1 Grey Eagle lode

Value \$310.00

To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No.2 Bellmont lode

Value \$300.00

To be accredited to this lode is an equal undivided 1/4 th interest in Improvement No.1 Home Run lode, as described under heading "Common Improvements"

Value \$500.00

Morning Star No.3 lode

No.1 discovery shaft, the center of which brs. N.78° - 11'E. 170 feet from the West center end, 4 x 6 x 10 feet deep.

Value \$100.00

No.2 cut and tunnel, the mouth of cut brs. S.83° W. 455 feet from Cor. No.3, cut 4 x 10 x 8 foot face, tunnel 4 x 6 x 18 ft long brs. east.

Value cut \$100.00
tunnel 180.00

To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No.1 Grey Eagle lode

Value \$310.00

To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No.2 Bellmont lode.

Value \$300.00

To be accredited to this lode is an equal undivided 1/4 th interest in Improvement No.1 Home Run lode

Value \$500.00

Home Run lode

No.1 Discovery shaft, the center of which brs. N.78° -15'E. 618 ft. from the west center end, 4 x 6 x 100 ft deep caved.

Value \$2000.00

To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No.1 Grey eagle lode

Value \$310.00

To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No.2 Bellmont lode

Value \$300.00

To be accredited to this lode is an equal undivided 1/4 th interest in Improvement No.1 Home Run lode.

value \$500.00

Arizona lode

No.1 Discovery cut and tunnel, the mouth of cut brs. N.78° -14'E. 855 feet from the west center end, cut 4 x 16 x 8 foot face, tunnel 4 x 6 x 40 ft, brs. southwest,

Value cut	\$100.00
tunnel	\$400.00

No.2 tunnel, the mouth of which brs. N.85°-15'W. 470 feet from Cor. No.3, 4 x 6 x 70 ft long brs. south.

value	\$700.00
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To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No.1 Grey Eagle lode

Value	\$310.00
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To be accredited to this lode is an equal undivided 1/10 th interest in Improvement No.2 Pellmont lode

Value	\$300.00
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To be accredited to this lode is an equal undivided 1/4 th interest in Improvement No.1 Home Run lode.

Value	\$500.00
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COMMON IMPROVEMENTS

Improvement No. 1 Home Run lode, being a shaft was sunk to develop the veins traversing the Pocahontas, Morning Star No.3, Home Run and Arizona lodes, they being under ownership of the prior claimant at the time the work was done. As the country where these lodes are located is low rolling foothills, the only means of development within the boundaries of the four claims is a shaft centrally located, from which drifts and cross-cuts can be run to develop the vein system. This shaft was sunk for this purpose, so I consider this improvement a common improvement and of such a character as to redound to the benefit of the lodes mentioned, Pocahontas, Morning Star No.3, Home Run, and Arizona lodes.

Total value of the common improvement heretofore described.	Value	\$2000.00
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Equal undivided 1/4 th interest in the above mentioned improvement.

Value	\$500.00
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Improvement No. 1 Grey Eagle lode, being a low level tunnel was run by the present claimants for the development of the whole group. It is a tunnel run on the vein

toward the highest point on the group which is about 600 feet above the tunnel level. Cross-cuts run from this tunnel after it would reach the center of the group would develop the veins traversing the different lodes, and as the mineral formation is covered by a rhyolitic flow, there is no other method by which all of the lodes could be developed in a satisfactory manner. The tunnel was run for this purpose and I consider this improvement of such a character as to redound to the benefit of the ten lodes includedⁱⁿ this survey.

Total value of the common improvement heretofore described.

Value \$3100.00

Equal undivided 1/10 th interest in the above mentioned improvement.

Value \$310.00

Improvement No. 2 Belmont lode is a cross-cut tunnel started at a lower elevation than Improvement No. 1 Grey Eagle lode and more advantageously situated, considering transportation and surface conditions for a plant. This tunnel is directed under the high point of the mountain formed by the rhyolitic flow as mentioned above, and will intercept all veins traversing the different lodes at varying depths up to approximately 750 ft. The tunnel was run for this purpose and I consider the improvement to be of such a character as to redound to the benefit of all the lodes embraced in this survey.

Total value of the common improvement heretofore described.

Value \$3000.00

Equal undivided 1/10 th interest in the above mentioned improvement.

Value \$300.00

OTHER IMPROVEMENTS

Arizona lode

A cabin 12 x 16 ft the center of which bears N.46° -10'E. 895 ft. from Cor. No. 4

A cabin, 12 x 16 ft. the center of which bears

N.48°-45'E. 915 ft. from Cor.No.4

A cabin 12 x 19 ft, the center of which brs. N. 70° -10'W. 720 ft. from Cor. No. 3.

ADJOINING CLAIMS

This survey is bounded on all sides by U. S. Land.

INSTRUMENT

This survey was made with a Lietz Light Mountain transit-theodolite No. 13-5929. The courses were deflected from the true meridian as determined by Saegmuller solar and checked by direct solar observations. The distances were measured with a 500 foot steel tape.

REPORT

The N. E. Corner Sec. 1 T.13 N.R.4 W is a pipe with brass cap properly set and marked for the N. E. Cor. of said township and the common corner of three adjoining townships.

The discrepancies found existing between the claims as marked by the location monuments, and as described in the location notices are due to errors in the location notices.

William Coara
U. S. MINERAL SURVEYOR

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by J. WILLIAM WAARA

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 the

BIG BUTTE COPPER COMPANY, KNOWN AS THE Arizona, Belmont, Buena Vista Copper Hill, Empire, Grey Eagle, Home Run, Morning Star No. 3
~~XXXXXXXX~~ Pocahontas, and Stanley lodes

and showing the respective capacities in which they acted.

J. J. JACKSON, Chainman.

Joe Slaughter, Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, J. J. Jackson and Joe Slaughter

~~XXXX~~, do solemnly swear that we assisted J. William

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

the boundaries of the mining claim of the BIG BUTTE COPPER COMPANY, known as the Arizona, Belmont, Buena Vista, Copper Hill, Empire, Grey Eagle, Home Run, Morning Star No. 3, Pocahontas, and Stanley lodes

~~XXXXXXXXXX~~

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.

J. J. Jackson, Chainman.

Joe Slaughter, Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 30

day of August, 19 21

J. William Waara
U. S. MINERAL SURVEYOR

4-686.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, J. WILLIAM WAARA, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for ARIZONA, dated
AUGUST 23, 1921, 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 Big Butte Copper Company,
Arizona, Belmont, Buena Vista, Copper Hill, Empire, Grey Eagle,
Home Run, Morning Star No. 3, Pocahontas, and Stanley lodes,
situate in Copper Basin Mining District,
Yavapai County, Arizona, in Section
36 Unsur. Township No. 14 N., Range No. 4 W. Unsur.
18-19 Unsur., and designated as Survey No. 3802, 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. William Waara
U. S. Mineral Surveyor.

Subscribed and sworn to by the said J. WILLIAM WAARA
U. S. Mineral Surveyor, before me F. G. Brown, a Notary Public,
this 26 th.
day of September, 19 21

F. G. Brown

Notary Public

My commission expires July 21-1924



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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

December 12., 1921.

I, U. S. Surveyor General for District of Arizona, do hereby certify that the foregoing transcript of the Field Notes, return and approval of the Survey of the mining claim of

Big Butte Copper Company
ARIZONA, BELLMONT, BUENA VISTA, COPPER HILL,
known as the EMPIRE, GREY EAGLE, HOME RUN, MORNING STAR NO. 3,
POCAHONTAS, and STANLEY Lodes, situate in Copper Basin

Mining District, Yavapai County,
Arizona, in Sections 18, 19, 36 Unsur., Township No. 13 N.,

Range No. 4 W., & 3 W., and designated as Survey
No. 3802, 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 its grantors, and that said improvements consist of 4 shafts, 6 tunnels, and 11 cuts, total value \$11,000

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 P. Trott

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,

, 1911

I, U. S. Surveyor General for District of Arizona

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

Big Butte Copper Company

known as the ARIZONA, BELLMONT, BUENA VISTA, COPPER HILL, EMPIRE, GREY EAGLE, HOLE RUN, MORNING STAR NO. 3, POCAHONTAS, and STANLEY Lodes

situate in Copper Basin mining district,

Yavapai County, Arizona

in Sections 36 Unsur., 14 N., 4 W., & 18, 19 Unsur., Township No. 13 N., Range No. 3 W.

designated as Survey No. 3802

executed by J. William Waara, U. S. Mineral

Surveyor, August 24 - 30, 1921, under my instructions dated

August 23, 1921, 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. 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.

[Handwritten signature]

U. S. Surveyor General for Arizona