

MINERAL SURVEY No. 3993

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

MINERAL BASIN COPPER COMPANY

KNOWN AS THE

Little Frank No. 4, Little Frank No. 5, Little Frank No. 6
Top Notch, Top Notch No. 2, Top Notch No.3, Top Notch No. 4
and Greater Miami No. 4 lodes.

Globe Mining District,

Gila County, Arizona.

Section s 11, 12, 14, Township 2 S., Range 14 E.,

Surveyed under instructions dated October 2, 19 25.

by Edwin T. Stewart
U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced October 8, 19 25.

Survey completed October 12, 1925.

Address of claimant's Attorney, F.L. Zimmerman,
302 Home Builders Building, Phoenix, Arizona.

DATES OF AMENDED LOCATIONS.

All September 8, 1925.

MINERAL SURVEY NO. 3993.

LITTLE FRANK NO. 4 Lode.

Beginning at Cor. No. 1, identical with N.W. Cor. of the location and Cor. No. 1, Top Notch No. 4 lode, this survey.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap, stamped 1-L.F.4-3993 in the quarter facing this claim, set 22 ins. in the ground, with mound of stone alongside, whence

The quarter corner between sections 11 and 14, T. 2 S., R. 14 E., bears N.16°-02'-20"E. 722.1 ft.

A schist stone, 8 x 12 x 16 ins., set flush with the ground, chiseled cross B.R.3993, bears N.49°-16'W. 5.7 ft.

No other bearings available.

Thence S.49°-16'E.

Along line 1-4 of said Top Notch No. 4 lode.

300.60 To N.E.E.C. monument of the location, identical with S.W.E.C. of said Top Notch No. 4 lode, from which the discovery cut bears S.45°-02'W. 356.3 ft.

A monument of stone, 3 ft. base, 3.5 ft. high.

601.20 To Cor. No. 2, identical with N.E. Cor. of the location and Cors. 4, 3 and 1, respectively, of Top Notch No. 4, Top Notch No. 3 and Little Frank No. 5 lodes, all of this survey.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap stamped 2-L.F.4-3993 in the quarter facing this claim, set 20 ins. in the ground, with mound of stone alongside, whence

A cross on schist cropping, about which is chiseled B.R. 3993, bears N.49°-16'W. 30.25 ft.

No other bearings available.

Thence S.45°-02'W.

Along line 1-4 of said Little Frank No. 5 lode.

1499.10 To Cor. No. 3, identical with S.E. Cor. of the location and Cor. No. 4 of said Little Frank No. 5 lode.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap, stamped 3-L.F.4-3993 in the quarter facing this claim, set 19 ins. in the ground, with mound of stone alongside.

No bearings available.

Thence N.49°-16'W.

300.60 To S.W.E.C. monument of the location.

A monument of stone, 3.5 ft. base, 3.5 ft. high.

601.20 To Cor. No. 4, identical with S.W.Cor. of the location.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap stamped 4-L.F.4-3993 in the quarter facing the claim, set 18 ins. in the ground, with mound of stone alongside, whence

A diabase stone, 10 x 12 x 7 ins., set flush with the ground, chiseled cross B.R.3993, bears S.49°-16'E. 3.43 ft.

No other bearings available.

Thence N.45°-02'E.

1499.10 To Cor. No. 1, the place of beginning.

LITTLE FRANK NO. 5 Lode.

Beginning at Cor. No. 1, identical with N.W.Cor. of the location and Cors. 2, 4 and 3, respectively, of Little Frank No. 4, Top Notch No. 4 and Top Notch No. 3 lodes, all of this survey.

An iron pipe, previously described, with cap stamped 1-L.F.5-3993 in the quarter facing this claim.

The quarter corner between sections 11 and 14, T. 2 S., R. 14 E., bears N.15°-15'-50"W. 1116.1 ft.

Thence S.49°-16'E.

Along line 3-2 of said Top Notch No. 3 lode.

300.60 To N.E.E.C. monument of the location, identical with S.W.E.C. of said Top Notch No. 3 lode, from which the discovery cut bears S.45°-02'W. 256.4 ft.

A monument of stone, 3 ft. base, 3.5 ft. high.

581.20 Gulch, draining southwesterly.

601.20 To Cor. No. 2, identical with N.E.Cor. of the location

and Cors. 2, 3 and 1, respectively, of Top Notch No. 3, Top Notch and Little Frank No. 6 lodes, all of this survey.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap, stamped 2-L.F.5-3993 in the quarter facing this claim, set 18 ins. in the ground, with mound of stone alongside.

No bearings available.

Thence S.45°-02'W.

Along line 1-4 of said Little Frank No. 6 lode.

1499.10 To Cor. No. 3, identical with S.E. Cor. of the location and Cor. No. 4 of said Little Frank No. 6 lode.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap stamped 3-L.F.5-3993 in the quarter facing this claim, set 24 ins. in the ground, with mound of stone alongside.

No bearings available.

Thence N.49°-16'W.

280.00 Gulch, draining southwesterly.

300.60 To S.W.E.C. monument of the location.

A monument of stone, 3 ft. base, 3 ft. high.

601.20 To Cor. No. 4, identical with S.W. Cor. of the location and Cor. No. 3, Little Frank No. 4 lode, this survey.

An iron pipe, previously described, with cap stamped 4-L.F.5-3993 in the quarter facing this claim.

Thence N.45°-02'E.

Along line 3-2 of said Little Frank No. 4 lode.

1499.10 To Cor. No. 1, the place of beginning.

LITTLE FRANK NO. 6 Lode.-

Beginning at Cor. No. 1, identical with N.W. Cor. of the location and Cors. 2, 2 and 3, respectively, of Little Frank No. 5, Top Notch No. 3 and Top Notch lodes all of this survey.

An iron pipe, previously described, with cap stamped 1-L.F.6-3993, in the quarter facing this claim.

The quarter corner between sections 11 and 14, T. 2 S.,

R. 14 E., bears N.25°-42'W. 1640.9 ft.

Thence S.49°-16'E.

Along line 3-2 of said Top Notch lode.

300.60 To N.E.E.C.-monument of the location, identical with S.W. E.C. of said Top Notch lode, from which the discovery cut bears S.45°-02'W. 362.5 ft.

A monument of stone, 4 ft. base, 3.5 ft. high.

601.20 To Cor. No. 2, identical with N.E.Cor. of the location and Cor.No. 2 of said Top Notch lode.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap, stamped 2-L.F.6-3993 in the quarter facing this claim, set 24 ins. in the ground, with mound of stone alongside, whence

A schist stone, 6 x 11 x 15 ins., set flush with the ground, chiseled cross B.R.3993, bears S.49°-16'E. 9.07 ft.

No other bearings available.

Thence S.45°-02'W.

1288.10 Intersect southeast side line of Little Frank No. 1 lode, unsurveyed, S.40°-22'W. 31.15 ft. from N.E.Cor.

1499.10 To Cor. No. 3, identical with S.E.Cor. of the location.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap, stamped 3-L.F.6-3993 in the quarter facing the claim, set 24 ins. in the ground, with mound of stone alongside, whence

A schist stone, 6 x 8 x 18 ins. set flush with the ground and chiseled cross B.R.3993, bears N.49°-16'W. 5.13 ft.

The N.E.Cor. of Little Frank No. 1 lode, unsurveyed, bears N.44°-20'E. 242.06 ft.

No other bearings available.

Thence N.49°-16'W.

300.60 To S.W.E.C. monument of the location.

A monument of stone, 3 ft. base, 3.5 ft. high.

540.80 To N.W.Cor. of Little Frank No. 1 lode, unsurveyed, from which the N.E.Cor. of said Little Frank No. 1 lode bears S.72°-44'E. 606.6 ft.

601.20 To Cor. No. 4, identical with S.W. Cor. of the location and Cor. No. 3, Little Frank No. 5 lode, this survey.

An iron pipe, previously described, with cap stamped 4-L.F.6-3993 in the quarter facing this claim.

Thence N.45°-02'E.

Along line 3-2 of said Little Frank No. 5 lode.

1499.10 To Cor. No. 1, the place of beginning.

TOP NOTCH lode.

Beginning at Cor. No. 1, identical with N.E. Cor. of the location.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap stamped 1-T.N.-3993 in the quarter facing the claim, set 24 ins. in the ground, with mound of stone alongside, whence

The corner common to sections 11, 12, 13 and 14, T. 2 S., R. 14 E., bears N.26°-40'-10"E. 919.9 ft.

A schist stone, 4 x 9 x 16 ins. set flush with the ground, chiseled cross B.R.3993, bears N.49°-16'W. 5.60 ft.

No other bearings available.

Thence S.45°-02'W.

1498.90 To Cor. No. 2, identical with S.E. Cor. of the location and Cor. No. 2, Little Frank No. 6 lode, this survey.

An iron pipe, previously described, with cap stamped 2-T.N.-3993 in the quarter facing this claim.

Thence N.49°-16'W.

Along line 2-1 of said Little Frank No. 6 lode.

300.60 To S.W.E.C. monument of the location, identical with N.E. E.C. of said Little Frank No. 6 lode, from which the discovery cut bears N.45°-02'E. 284.0 ft.

A monument of stone, previously described.

601.20 To Cor. No. 3, identical with S.W. Cor. of the location and Cors. 1, 2 and 2, respectively, of Little Frank No. 6, Little Frank No. 5 and Top Notch No. 3 lodes, all of this survey.

An iron pipe, previously described, with cap stamped 3-T.N.3993 in the quarter facing this claim.

Thence N.45°-02'E.

Along line 2-1 of said Top Notch No. 3 lode.

1498.90 To Cor. No. 4, identical with N.W. Cor. of the location and Cors. 1 and 2, respectively, of Top Notch No. 3 and Top Notch No. 2 lodes, both of this survey.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap, stamped 4-T.N.3993 in the quarter facing this claim, set 20 ins. in the ground, with mound of stone alongside, whence

A walnut tree, 8 ins. in diameter, blazed and scribed cross B.T.3993, bears N.28°-40'W. 16.25 ft.

No other bearings available.

Thence S.49°-16'E.

300.60 To N.E.E.C. monument of the location.

A monument of stone, 3 ft. base, 3 ft. high.

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

TOP NOTCH NO. 2 Lode.

Beginning at Cor. No. 1, identical with N.E. Cor. of the location.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap stamped 1-T.N.2-3993 in the quarter facing the claim, set 24 ins. in the ground, with mound of stone alongside, whence

The corner common to sections 11, 12, 13 and 14, T. 2 S., R. 14 E., bears S.16°-57'-50"W. 658.1 ft.

A schist stone, 4 x 6 x 21 ins., set flush with the ground, chiseled cross B.R. 3993, bears N.49°-16'W. 8.25 ft.

No other bearings available.

Thence S.45°-02'W.

1347.00 Gulch, draining southwesterly.

1438.00 Road, course northeasterly and southwesterly.

1498.90 To Cor. No. 2, identical with S.E. Cor. of the location and Cors. 4 and 1, respectively, of Top Notch and Top Notch No. 3 lodes, both of this survey.

An iron pipe, previously described, with cap stamped

2-T.N.2-3993 in the quarter facing this claim.

Thence N.49°-16'W.

Along line 1-4 of said Top Notch No. 3 lode.

21.00 Road, course northeasterly and southwesterly.

48.00 Gulch, draining southwesterly.

300.60 To S.W.E.C. monument of the location, identical with N.E. E.C. of said Top Notch No. 3 lode, from which the discovery cut bears N.45°-02'E. 120.00 ft.

A monument of stone, 3 ft. base, 3.5 ft. high.

601.20 To Cor. No. 3, identical with S.W.Cor. of the location Top Notch No. 3, and Cors. 4, 3 and 4, respectively, of Top Notch No. 4 and Greater Miami No. 4 lodes, all of this survey.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap, stamped 3-T.N.2-3993 in the quarter facing this claim, set 24 ins. in the ground, with mound of stone alongside.

No bearings available.

Thence N.45°-02'E.

Along line 4-3 of said Greater Miami No. 4 lode.

1498.90 To Cor. No. 4, identical with N.W.Cor. of the location and Cor. No. 3 of said Greater Miami No. 4 lode.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap, stamped 4-T.N.2-3993 in the quarter facing this claim, set 22 ins. in the ground, with mound of stone alongside, whence

A schist stone, 6 x 7 x 24 ins., set flush with the ground, chiseled cross B.R.3993, bears S.49°-16'E. 15.20 ft.

No other bearings available.

Thence S.49°-16'E.

300.60 To N.E.E.C. monument of the location

A monument of stone, 4 ft. base, 3 ft. high.

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

TOP NOTCH NO. 3 Lode.

Beginning at Cor. No. 1, identical with N.E.Cor. of the location and Cors. 2 and 4, respectively, of Top Notch

No. 2 and Top Notch lodes, both of this survey.

An iron pipe, previously described, with cap stamped
1-T.N.3-3993 in the quarter facing this claim.

The corner common to sections 11, 12, 13 and 14, T. 2 S.,
R. 14 E., bears N.63°-40'-20"E. 969.0 ft.

Thence S.45°-02'W.

Along line 4-3 of said Top Notch lode,

1498.90 To Cor. No. 2, identical with S.E. Cor. of the location
and Cors. 3, 1 and 2, respectively, of Top Notch, Little
Frank No. 6 and Little Frank No. 5 lodes, all of this
survey.

An iron pipe, previously described, with cap stamped
2-T.N.3-3993 in the quarter facing this claim.

Thence N.49°-16'W.

Along line 2-1 of said Little Frank No. 5 lode.

20.00 Gulch, draining southwesterly.

300.60 To S.W.E.C. monument of the location, identical with N.E.
E.C. of said Little Frank No. 5 lode, from which the
discovery cut bears N.45°-02'E. 46.4 ft.

A monument of stone, previously described.

601.20 To Cor. No.3, identical with S.W. Cor. of the location
and Cors. 1, 2 and 4, respectively, of Little Frank No.5,
Little Frank No. 4 and Top Notch No. 4 lodes, all of this
survey.

An iron pipe, previously described, with cap stamped 3-
T.N.3-3993 in the quarter facing this claim.

Thence N.45°-02'E.

Along line 4-3 of said Top Notch No.4 lode.

1498.90 To Cor. No.4, identical with N.W. Cor. of the location
and Cors. 3, 4 and 3, respectively, of Top Notch No. 4,
Greater Miami No. 4 and Top Notch No. 2 lodes, all of this
survey.

An iron pipe, previously described, with cap stamped
4-T.N.3-3993 in the quarter facing this claim.

Thence S.49°-16'E.

Along line 3-2 of said Top Notch No. 2 lode.

300.60 To N.E.E.C. monument of the location, identical with S.W. E.C. of said Top Notch No. 2 lode.

A monument of stone, previously described.

553.20 Gulch, draining southwesterly.

580.20 Road, course northeasterly and southwesterly.

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

TOP NOTCH NO. 4 Lode.

Beginning at Cor. No. 1, identical with S.W. Cor. of the location and Cor. No. 1, Little Frank No. 4 lode, this survey.

An iron pipe, previously described, with cap stamped 1-T.N.4-3993 in the quarter facing this claim.

The quarter corner between sections 11 and 14, T. 2 S., R. 14 E., bears N.16°-02'-20"E. 722.1 ft.

Thence N.45°-02'E.

1498.90 To Cor. No. 2, identical with N.W. Cor. of the location and Cor. No. 1, Greater Miami No. 4 lode, this survey.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap, stamped 2-T.N.4-3993 in the quarter facing this claim, set 20 ins. in the ground, with mound of stone alongside, whence

A cross and B.R. 3993 chiseled on schist out crop bears S.45°-02'W. 4.45 ft.

A cross and B.R. 3993 chiseled on schist out crop bears S.49°-16'E. 7.00 ft.

No other bearings available.

Thence S.49°-16'E.

Along line 1-4 of said Greater Miami No. 4 lode.

300.60 To N.E.E.C. monument of the location, identical with S.W. E.C. of said Greater Miami No. 4 lode from which the discovery cut bears S.45°-02'W. 118.0 ft.

A monument of stone, 4 ft. base, 3 ft. high.

601.20 To Cor. No. 3, identical with N.E. Cor. of the location and Cors. 4, 3 and 4, respectively, of Greater Miami No.

4, Top Notch No. 2 and Top Notch No. 3 lodes, all of this survey.

An iron pipe, previously described, with cap stamped 3-T.N.4-3993 in the quarter facing this claim.

Thence S.45°-02'W.

Along line 4-3 of said Top Notch No. 3 lode.

1498.90 To Cor. No. 4, identical with S.E. Cor. of the location and Cors. 3, 1 and 2, respectively, of Top Notch No. 3, Little Frank No. 5 and Little Frank No. 4 lodes all of this survey.

An iron pipe, previously described, with cap stamped 4-T.N.4-3993 in the quarter facing this claim.

Thence N.49°-16'W.

Along line 2-1 of said Little Frank No. 4 lode.

300.60 To S.W.E.C. monument of the location, identical with N.E.E.C. of said Little Frank No. 4 lode.
A monument of stone, previously described.

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

GREATER MIAMI NO.4 Lode.

Beginning at Cor. No. 1, identical with S.W. Cor. of the location and Cor. No. 2, Top Notch No. 4 lode, this survey.

An iron pipe, previously described, with cap stamped 1-G.M.4-3993, in the quarter facing this claim.

The quarter corner between sections 11 and 14, T.2 S., R. 14 E., bears S.67°-00'-40"W. 935.3 ft.

Thence N.45°-02'E.

1498.90 To Cor. No. 2, identical with N.W. Cor. of the location.

A standard 2½ inch iron pipe, 3 ft. long, with flared base and bronze coated cap, stamped 2-G.M.4-3993 in the quarter facing the claim, set 20 ins. in the ground, with mound of stone alongside, whence

A schist stone, 4 x 12 x 14 ins., set flush with the ground, chiseled cross B.R.3993, bears N.49°-16'W. 12.78 ft.

No other bearings available.

Thence S.49°-16'E.

300.60 To N.E.E.C. monument of the location, from which the discovery cut bears S.45°-02'W. 1242.9 ft.

A monument of stone, 3 ft. base, 3 ft. high.

601.20 To Cor. No. 3, identical with N.E.Cor. of the location and Cor. No. 4, Top Notch No. 2 lode, this survey.

An iron pipe, previously described, with cap stamped 3-G.M.4-3993 in the quarter facing this claim.

Thence S.45°-02'W.

Along line 4-3 of said Top Notch No. 2 lode.

1498.90 To Cor. No. 4, identical with S.E.Cor. of the location and Cors. 3, 4 and 3, respectively, of Top Notch No. 2, Top Notch No. 3 and Top Notch No. 4 lodes.

An iron pipe, previously described, with cap stamped 4-G.M.4-3993 in the quarter facing this claim.

Thence N.49°-16'W.

Along line 3-2 of said Top Notch No. 4 lode.

300.60 To S.W.E.C. monument of the location, identical with N.E.E.C. of said Top Notch No. 4 lode.

A monument of stone, previously described.

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

Mean magnetic variation at all corners, 14°-50'E.

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LODE LINES.

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

Little Frank No. 4 lode, N.45°-02'E. 356.3 ft. and S. 45°-02'W. 1142.8 ft.

Little Frank No. 5 lode, N.45°-02'E. 256.4 ft. and S. 45°-02'W. 1242.7 ft.

Little Frank No. 6 lode, N.45°-02'E. 362.5 ft. and S.45°-02'W. 1136.6 ft.

Top Notch lode, N.45°-02'E. 1214.9 ft. and S.45°-02'W. 284.0 ft.

Top Notch No.2 lode, N.45°-02'E. 1378.9 ft. and S.45°-02'W. 120.0 ft.

Top Notch No. 3 lode, N.45°-02'E. 1452.5 ft. and S. 45°-02'W. 46.4 ft.

Top Notch No. 4 lode, N.45°-02'E. 118.0 ft. and S.45°-02'W. 1380.9 ft.

Greater Miami No. 4 lode, N.45°-02'E. 1242.9 ft. and S.45°-02'W. 256.0 ft.

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AREAS.

	Acres.	Acres.
Total area Little Frank No. 4 lode,		20.632
Total area Little Frank No. 5 lode,		20.632
Total area Little Frank No. 6 lode,		20.632
Area in conflict with Little Frank No.1 lode, unsurveyed,	1.506	
Total area Top Notch lode,		20.629
Total area Top Notch No.2 lode,		20.629
Total area Top Notch No.3 lode,		20.629
Total area Top Notch No. 4 lode,		20.629
Total area Greater Miami No. 4 lode,		20.629

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LOCATION.

This survey is located in sections 11, 12 and 14, T. 2 S., R. 14 E., G. & S.R.M., Globe Mining District, Gila County, Arizona, in the Crook National Forest.

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ADJOINING AND CONFLICTING CLAIMS.

The Copper Bell and Greater Miami No. 2 lodes, unsurveyed, owned by the claimant, and an unknown claim, unsurveyed, owned by Geo.R.Hill, adjoin on the northwest. The Greater Miami No.3 lode, unsurveyed, owned by the claimant, and an unknown claim, unsurveyed, owner unknown, adjoin on the northeast. The Top Notch No. 1, Greater Miami No. 6, Greater Miami No. 9 and Greater Miami No.18 lodes, unsurveyed, owned by the claimant, adjoin on the southeast. The Little Frank No. 3 lode, unsurveyed, owned by the claimant, and the Little Frank No. 2 lode, unsurveyed, owned by the Mineral Creek Consolidated Copper Company, adjoin on the southwest. The Little Frank No.1 lode, unsurveyed, owned by the Mineral Creek Consolidated Copper Company, conflicts on the southwest.

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DISCOVERY AND IMPROVEMENTS.

I certify that the value of the labor and improvements made upon, or for the benefit of, each of the claims in this survey, by the claimant or its grantors, is not less than five hundred dollars, and that said improvements consist of:

Little Frank No. 4.

No. 1, the discovery cut, 4 x 10 x 16 ft., the center of the face of which is on the lode line 356.3 ft. from the N.E.E.C., and which extends thence N.86°E. to toe. Value, \$30.00.

No. 2, shaft, 4 x 6 x 62 ft. deep, the N.W. corner of which bears N.58°-36'E. 501.0 ft. from Cor. No. 4. This shaft was not originally sunk by the claimant or its grantors, being practically filled when the claim was acquired by the claimant. The claimant has cleaned the shaft out and partially timbered it at a cost of \$500.00 which amount is credited to the claim.

1/13th of improvement No. 2 on the Top Notch No. 3 claim which is credited to this claim; value, \$546.15.

Little Frank No. 5.

No.1, the discovery cut, 4 x 10 x 14 ft., the center of the face of which is on the lode line 256.4 ft. from the N.E.E.C., and which extends thence S.22°E. to toe. Value, \$50.00.

No. 2, 64 ft. of cut and tunnel, 5 x 7 ft., the center of the toe of which bears S.39°-51'W. 621.0 ft. from a point on line 4-1, 38.0 ft. from Cor. No. 1, and which extends thence N.85°W. to face. Value, \$600.00.

No. 3, 206.0 ft. of cut and tunnel, 4.5 x 6.5 ft., partially timbered, the center of the toe of which bears S.21°-37'E. 560.3 ft. from a point on line 4-1, 702.5 ft. from Cor. No. 4, and which extends thence S.43°E. 183.0 ft. to face, and, from a point 67 ft. from the face,

N.33°E. 11.0 ft. to face and S.33°W. 12.0 ft. to face.

Value, \$3000.00.

Value of 1-16 credited to this claim, \$187.50
No. 4, 132.5 ft. of cut and tunnel, 4.5 x 6.5 ft.,

partially timbered, and 56 ft. of shaft, 4 x 6 ft., which connects with the tunnel. The center of the toe of the cut bears S.28°-11'E. 279.5 ft. from the N.E.E.C. and extends thence S.12°W. 102.5 ft. thence S.03°-W. 30.0 ft.

to face. Value, \$2000.00. The shaft connects with the tunnel at a point 35.0 ft. from the toe of the cut and extends vertically up 34.5 ft. and vertically down 21.5 ft. from the floor of the tunnel. Value of shaft, \$1000.00.

Total value of improvement, \$3000.00.

Value of 1-16 credited to this claim, \$187.50
Improvements Nos. 3 and 4 above described have been made by the claimant for the purpose of developing and mining the claims of the survey lying on the southeast side of the canyon at the bottom of which is the gulch shown on the survey plat and on the group plat, which shows the claims of the survey and other claims that are unsurveyed and owned by the claimant. The improvements being so located that they are either on or are below the surface of the Little Frank No. 5, Little Frank No. 6 and the Top Notch claims of the survey and the Top Notch No. 1, Greater Miami, Greater Miami No. 6, Greater Miami No. 7, Greater Miami No. 8, Greater Miami No. 9, Greater Miami No. 10, Greater Miami No. 11, Greater Miami No. 12, Greater Miami No. 13, Greater Miami No. 14, Greater Miami No. 15 and Greater Miami No. 18 claims, unsurveyed, and it being advantageous to develop and mine such claims from them, the value of each improvement is distributed equally to such claims, 1/16th being credited to each. No distribution of the value of the improvements is made to the Top Notch No. 3 claim of the survey as I do not regard this claim as being located so to be benefitted by it.

1/13th of improvement No. 2 on the Top Notch No. 3 claim which is credited to this claim; value, \$546.15.

Little Frank No. 6.

No. 1, the discovery cut, 4 x 10 x 17 ft., the center of the face of which is on the lode line 362.5 ft. from the N.E.E.C., and which extends thence N.17°W, to toe. Value, \$30.00.

No. 2, shaft, 4.5 x 4.5 ft. in the clear of timbers, 47 ft. deep, the N.W. corner of which bears S.80°-28'W. 275.3 ft. from the N.E.E.C. Value, \$700.00.

1/16th of improvement No. 3 on the Little Frank No. 5 claim which is credited to this claim; value, \$187.50.

1/16th of improvement No. 4 on the Little Frank No. 5 claim which is credited to this claim; value, \$187.50.

1/16th of improvement No. 3 on the Top Notch No. 3 claim which is credited to this claim; value, \$250.00.

Top Notch.

No. 1, the discovery cut, 4 x 10 x 16 ft., the center of the face of which is on the lode line 284.0 ft. from the S.W.E.C., and which extends thence S.54°W. to toe. Value, \$30.00.

No. 2, 113.5 ft. of cut and tunnel, 4 x 6 ft., the center of the toe of which bears N.78°-50'E. 264.5 ft. from Cor. No. 3, and which extends thence N.33°E. 40.0 ft.; thence N.60°E. 9.5 ft.; thence N.43°E. 64.0 ft. to face. Value, \$1650.00.

1/16th of improvement No. 3 on the Little Frank No. 5 claim which is credited to this claim; value, \$187.50.

1/16th of improvement No. 4 on the Little Frank No. 5 claim which is credited to this claim; value, \$187.50.

1/16th of improvement No. 3 on the Top Notch No. 3 claim which is credited to this claim; value, \$250.00.

Top Notch No. 2.

No. 1, the discovery cut, 4 x 10 x 19 ft., the center of the face of which is on the lode line 120.0 ft. from the S.W.E.C., and which extends thence S.30°W. to toe.

Value, \$30.00.

No. 2, cut, 6 x 8 x 13 ft., the center of the toe of which bears N.85°-40'E. 301.5 ft. from the S.W.E.C., and which extends thence N.23°W. to face. Value, \$25.00.

1/13th of improvement No. 2 on the Top Notch No. 3 claim which is credited to this claim; value, \$546.15.

Top Notch No. 3.

No. 1, the discovery cut, 4 x 10 x 17 ft., the center of the face of which is on the lode line 46.4 ft. from the S.W.E.C., and which extends thence S.15°E. to toe. Value, \$30.00.

No. 2, 301.7 ft. of cut and tunnel, ^{4 x 6 ft.,} timbered through-out; value, \$4500.00. A winze from above tunnel, timbered, 3.5 x 5 ft. in the clear of timbers, 50 ft. deep, value; \$1100.00. A hoist station at the collar of winze, value; \$500.00. A level, consisting of 73 ft. of drifting and crosscutting, 4 x 6 ft., at the bottom of the winze; value, \$1000.00. The center of the toe of cut bears N.83°-23'W. 172.4 ft. from a point on line 1-2, 225.4 ft. from Cor. No. 2, and extends thence N.09°-06'E. 61.7 ft. to pt. 1; thence N.16°-01'E. 161.4 ft. to pt. 2; thence N.25°-47'E. 35.6 ft. to pt. 3; thence N.25°-47'E. 15.0 ft. to face. From a point N.16°-01'E. 122.0 ft. from pt. 1, a crosscut extends N.76°W. 7.0 ft. to face. From a point N.16°-01'E. 153.0 ft. from pt. 1, a crosscut extends S.80°E. 11.0 ft. to face. And, from pt. 3, a crosscut extends N.74°W. 10.0 ft. and connects with the southeast side of the hoist station 4 ft. from the southeast corner. The hoist station is 10 ft. wide, 17 ft. long and averages 16 ft. high, the course of long way being N.16°E. The winze is vertical and the southeast corner bears N.70°-38'E. 13.6 ft. from pt. 3. At a depth of 47 ft. below the collar of the winze, and from the southeast end thereof, a crosscut extends S. 74°E. 37.0 ft. to face. And from a point 8 ft. from the

face of this crosscut & drift extends S.16°W. 36.0 ft.

to face. Total value of improvement, \$7100.00.

Value of 1-13 credited to this claim, \$546.15

This improvement has been made by the claimant for

the purpose of developing and mining the claims of the survey lying on the northwest side of the canyon, at the bottom of which is the gulch shown on the survey plat and on the group plat, which shows the claims of the survey and other claims that are unsurveyed owned by the claimant. The improvement is well below the surface of the Little Frank No. 4, Little Frank No. 5, Top Notch No. 2, Top Notch No. 3, Top Notch No. 4 and Greater Miami No. 4 claims of the survey, and the greater Miami No. 1, Greater Miami No. 2, Greater Miami No. 3, Greater Miami No. 5, Top Notch No. 1, Copper Bell and Little Frank No. 3 claims, unsurveyed, and it being advantageous to develop and mine these claims from the improvement, the value thereof is distributed to them, ^{1/3th or} \$546.15 being credited to each.

No. 3, 206 ft. of cut and tunnel, 6 x 7.5 ft., the center of the toe of which bears N.16°-31'E. 48.9 ft. from a point on line 1-2, 225.4 ft. from Cor. No. 2, and which extends thence S.65°E. 176.0 ft. to face. And, from a point 53.5 ft. from face, N.55°E. 30.0 ft. to face. Value, \$4000.00.

Value of 1-16 credited to this claim, \$250.00

This improvement has been made by the claimant for

the purpose of developing and mining the claims of the survey lying on the southeast side of the canyon, at the bottom of which is the gulch shown on the survey plat and on the group plat which shows the claims of the survey and other claims that are unsurveyed, owned by the claimant. The improvement being so located that it is on or below the surface of the Top Notch No. 3, Little Frank No. 6 and Top Notch claims of the survey, and the Top Notch No. 1, Greater Miami, Greater Miami No. 6, Greater Miami No. 7, Greater Miami No. 8, Greater Miami

No. 9, Greater Miami No. 10, Greater Miami No. 11, Greater Miami No. 12, Greater Miami No. 13, Greater Miami No. 14, Greater Miami No. 15 and Greater Miami No. 18 claims, unsurveyed, and it being advantageous to develop and mine such claims from the improvement, the value thereof is distributed equally to them, $\frac{1}{6}$ or \$250.00 being credited to each. I have distributed none of the improvement to the Little Frank No. 5 claim of the survey as the tunnel is not so located as to benefit this claim.

No. 4, cut, 4.5 x 10 x 24 ft., the center of the toe of which bears S.62°-31'W. 736.0 ft. from the N.E.E.C., and which extends thence N.62°W. to face. Value, \$40.00.

Top Notch No. 4.

No. 1, the discovery cut, 4 x 10 x 10 ft., the center of the face of which is on the lode line 118.0 ft. from the ^{N.E.} S.W.E.C., and which extends thence N.24°E. to toe. Value, \$25.00.

No. 2, shaft, 6 x 7 x 6 ft., the S.W. corner of which bears N.89°-23'E. 395.0 ft. from Cor. No. 1. Value, \$30.00.

No. 3, pit, 6 x 10 x 5 ft., the center of the S.W. end of which bears S.82°-45'E. 317.0 ft. from Cor. No. 1. Value, \$40.00.

1/13th of improvement No. 2 on the Top Notch No. 3 claim which is credited to this claim; value, \$546.15.

Greater Miami No. 4.

No. 1, the discovery cut, 4 x 10 x 14 ft., the center of the face of which is on the lode line 256.0 ft. from the S.W.E.C., and which extends thence S.22°W. to toe. Value, \$30.00.

No. 2, pit, 5 x 7 x 10 ft., the center of the south side of which bears S.51°-20'E. 189.0 ft. from a point on the lode line 288.8 ft. from the S.W.E.C. Value, \$40.00.

No. 3, cut, 4 x 10 x 12 ft., the center of the face

of which bears S.45°-01'E. 174.0 ft. from the above described point, and which extends thence S.05°W. to toe.

Value, \$30.00.

No. 4, 22.5 ft. of cut and tunnel, 3 x 6 ft., the center of the toe of which bears S.16°-31'E. 231.0 ft. from the above described point, and which extends thence west to face. Value, \$75.00.

1/15th of the value of improvement No. 2 on the Top Notch No. 3 claim which is credited to this claim; value, \$546.15

.....

OTHER IMPROVEMENTS.

A frame house, 16 x 32 ft., course of long sides, N.39°E., the N.E. corner of which bears N.11°-33'E. 54.3 ft. from a point on line 1-2 of the Top Notch No. 3 lode, 225.4 ft. from Cor. No. 2.

A tent house, 14 x 28 ft., course of long sides, N.05°E., the S.W. corner of which bears N.15°-12'E. 156.1 ft. from the above described point.

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INSTRUMENT AND DETERMINATION OF MERIDIAN.

This survey was made with a 6 1/4 inch Berger transit. The distances were measured with a 660 foot steel tape. The courses were deflected from the true meridian as determined by direct Solar observations, verified by an observation on Polaris.

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REPORT.

The corner common to sections 11, 12, 13 and 14, T. 2 S., R. 14 E., to which ties are given in these notes, is an iron pipe, showing 13 inches above the ground, with brass cap stamped S.11 in the N.W. quarter, S.12 in the N.E. quarter, S.13 in the S.E. quarter, S.14 in the S.W. quarter and T.2 S., R. 14 E. in the north half,

with mound of stone alongside. Ties to this corner were computed from a traverse run from Cor. No. 1 of the Top Notch No. 2 lode, S.45°-02'W. 653.0 ft.; thence S.58°-06'E. 318.0 ft. to said section corner.

The quarter corner between sections 11 and 14, T. 2 S., R. 14 E., to which ties are given in these notes, is an iron pipe, showing 15 ins. above the ground, with brass cap stamped S.11 in the north half, S. 14 in the south half and 1/4 in the west half, with mound of stone alongside. Ties to this corner were computed ^{from} ~~for~~ a traverse run from Cor. No. 1 of the Little Frank No. 4 lode, N. 45°-02'E. 328.4 ft.; thence N.04°-04'W. 463.1 ft. to said quarter corner.

The northwest, northeast and southeast corners of the Little Frank No. 1 lode, unsurveyed, which conflicts with the Little Frank No. 6 lode of the survey, are all 4 x 4 posts in monuments of stone.

The disagreement between these notes and the location notices is due to errors in the latter.

Globe, Arizona,
November 30, 1925.

Edwin P. Stewart

United States Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edwin T. Stewart

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 _____

Mineral Basin Copper Company

known as the Little Frank No. 4, Little Frank No. 5, Little Frank No. 6, Top Notch, Top Notch No. 2, Top Notch No. 3, Top Notch No. 4 and Greater Miami No. 4 lodes

and showing the respective capacities in which they acted.

H. G. Player, Chainman.

Gus Runkle, Chainman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, H. G. Player and Gus Runkle

and _____, do solemnly swear that we assisted _____

Edwin T. Stewart, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Mineral Basin Copper Company, known as the Little Frank No. 4, Little Frank No. 5, Little Frank No. 6, Top Notch, Top Notch No. 2, Top Notch No. 3, Top Notch No. 4 and Greater Miami No. 4 lodes

known as the _____

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 Arizona.

H. G. Player, Chainman.

Gus Runkle, Chainman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 9th

day of November, 1925.

M. L. Harrison

Notary Public, Gila
County, Arizona.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Edwin T. Stewart, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Office Cadastral Engineer for Arizona, dated October 2, 1925, 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 Mineral Basin Copper Company

Little Frank No. 4, Little Frank No. 5, Little Frank No. 6, Top Notch, Top Notch No. 2, Top Notch No. 3, Top Notch No. 4 and Greater Miami No. 4 lodes situate in Globe Mining District, Gila County, Arizona, in Sections 11, 12, 14, Township No. 2 S., Range No. 14 E., and designated as Survey No. 3993

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 Surveyor-General with said instructions, and that all the 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 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.

Edwin T. Stewart U. S. Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart U. S. Mineral Surveyor, before me M.L. Harrison, a Notary Public, this 30th day of November, 19 25.

Commission Expires November 12, 1928.

M. L. Harrison Notary Public.

Filed and recorded at the request of O.F. Beutke, on the 14th day of September, A.D. 1924, at 50 minutes past 9 o'clock A.M.

E.T. Stewart, County Recorder
By A.B. Farra, Deputy Recorder

STATE OF ARIZONA, }
County of Gila. } ss.

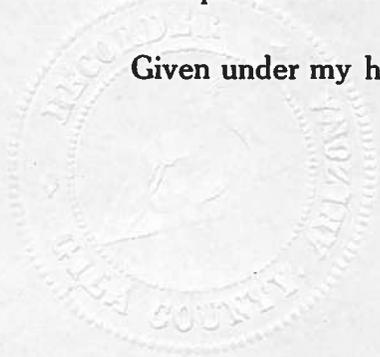
I, E. T. STEWART, County Recorder in and for the County of Gila, State of Arizona, do hereby certify that the above and foregoing is a full, true and correct copy of the _____
Amended Location Notice of the Greater Miami No. 4 Mining Claim,

as the same appears of record in my office in Book 24, Records of Mines
at page 497; that I have compared the same with the original record, and that the same is a true transcript of the whole thereof.

Given under my hand and seal of office this 14th day of September, 19 25.

E. T. STEWART, County Recorder

By A. B. Farra
Deputy Recorder.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,
PUBLIC SURVEY OFFICE,

Phoenix, Arizona,

January 16, 1926.

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 Mineral Basin Copper Company, known as the
Little Frank No. 4, Little Frank No. 5, Little Frank No. 6, Top
Notch, Top Notch No. 2, Top Notch No. 3, Top Notch No. 4, and
Greater Miami No. 4 lodes
situate in Globe
Mining District, Gila County, Arizona
in Section s. 11, 12, 14, Township No. 2 S., Range No. 14 E., and
designated as Survey No. 3993, 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 improve-
or for each of
ments made upon said mining claims by claimant or its grantors, and that said improvements
consist of 18 cuts, 7 tunnels, 1 winze, 1 hoist station, 2 pits, 4 shafts,
also drifts and crosscuts, total value \$21,065, of which
\$11,948.05 is reserved for claims not in this survey. Total
value applied to the claims of this survey, \$9,116.95

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

Office Cadastral Engineer, at Phoenix, Arizona
United States Surveyor-General for

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

DEPARTMENT OF THE INTERIOR
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

January 16, 1926

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 Mineral Basin Copper Company, known as the Little Frank No. 4, Little Frank No. 5, Little Frank No. 6, Top Notch, Top Notch No. 2, Top Notch No. 3, Top Notch No. 4, and Greater Miami, known as the No. 4 lodes

situate in Globe mining district,
Gila County, Arizona

in Sections 11, 12 & 14, Township No. 2 S., Range No. 14 E.
designated as Survey No. 3993

executed by Edwin T. Stewart, U. S. Mineral

Surveyor, October 8 - 12, 1925, under my instructions dated

October 2, 1925, 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.


Office Cadastral Engineer at Phoenix, Arizona.