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4-683.

MINERAL SURVEY No. 2571 A. & B.

LOT No. ....

ARIZONA Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

RAY CONSOLIDATED COPPER COMPANY.

KNOWN AS THE

Dioryte and Dioryte Mill Site.

Mineral Creek (unorganized) Mining District,

Pinal County, Arizona.

Lode Claim in unsurveyed T. 3 S., R. 13 E. ✓  
Mill Section Site in Township 4 S., Range 13 E. ✓

Surveyed under instructions dated August 5th, 1908

by Harry V. Wheeler  
U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced August 10th, 1908

Survey completed August 15th, 1908.

6-822

Address;  
Frank Thompson, 220 Fleming Block, Phoenix, Arizona.  
Attorney for Claimant.



## DIORYTE LODE.

Feet.

Beginning at Cor. No. 1,

Identical with Cor. No. 2, Sur. No. 1244, Reed lode, on line 1-2  
Burbank lode Sur. No. 1244.

A granite stone 12 x 8 x 8 ins. above the ground, with mound  
of stone alongside, chisled 2-1244 and 1-2571 A. for Cor. No. 1 of  
this survey; whence a cross (X) and B.R. 1-2571 A. chisled on a  
granite stone, showing 18 x 16 x 7 ins. above the ground, bears S  
68° 45' E., 24.65 ft.

U.S. L.H. No. 1 bears S. 19° 46.2' E., 1053.9 ft.  
Cor. 2 Sur. No. 1244 Burbank lode bears N. 11° 10' W., 895.5 ft.,  
and is a granite stone 12 x 10 x 8 ins. above ground chisled 2-1244  
with mound of stone alongside.

Thence N. 11° 10' W.

Ascend gentle slope to S.W. on line 1-2 Burbank lode

300 To W. center end of lode line, a pine post 4 ins. sq., 3 ft.  
above ground in mound of earth, scribed W.C.E. D.

595.5 To Cor. No. 2, identical with Cor. No. 1, Sur. No. 1581, Rainey lode.

A pine post 3 ft. High, 4 ins. square, in mound of stone scribed  
1-1581 and 2-2571 A. for Cor. 2 of this survey; whence  
a cross (X) and B.R. 2-2571 A., chisled on a granite stone, show-  
ing 20 x 16 x 11 ins. above the ground, bears S. 5° E. 16.1 ft.

Thence N. 76° 57-1/2' E.

Ascend steep slope to S.E. along line 1-4 Rainey lode, Survey  
No. 1581.

1413.33 Intersect line 1-2 Little Frank lode, Sur. No. 2466, Cor. No. 2 of  
Little Frank lode bears N. 52° 53' W., 59.31 ft., and is a granite  
stone 10 x 9 x 6 ins. above ground, chisled 2-2466 L.F., with mound  
of stone alongside.

Cor. No. 1 of Sur. No. 2466 Fraction lode, bears S. 52° 53' E.  
95.69 ft., and is a granite stone 10 x 10 x 4 ins. above ground,  
chiseled  
1-2466 F., with mound of stone alongside.

1477.01 To Cor. No. 3, identical with Cor. No. 4, Sur. No. 1581 Rainey  
Lode.

A pine post 3 ft. high, 4 ins. square, in mound of stone, scribed  
4-1581 and 3-2571 A. for Cor. No. 3 of this survey; whence

- Feet.
- a cross (X) and B.R. 3-2571 A., chisled on a granite stone showing  
4 x 5 x 2 ft. above the ground bears S. 65° 50' W., 5.5 ft.
- Thence S. 11° 10' E.
- Descend along slope to S.W.
- 71.3 Intersect line 1-2 Little Frank lode at Cor. No. 1, Sur. No. 2466  
Fraction lode, previously described, whence Cor. 2, Sur. No. 2466,  
Little Frank lode, bears N. 52° 53' W., 155 ft.
- 292.3 To E. center end of lode line, a pine post 4 ins. sq., 3 ft.  
above ground in mound of earth, scribed E.C.E. D.
- 530.0 To ravine 10 ft. wide, course S. 80° W.
- Ascend steep slope to Cor.
- 592.3 To Cor. No. 4, identical with Cor. No. 4, Sur. No. 2466 Fraction lode  
on line 2-3 Poorman lode Sur. No. 1244.
- A quartzite stone 10 x 9 x 5 ins. above the ground with mound of  
stone alongside, chisled 4-2466 F. and 4-2571 A. for Cor. No. 4 of  
this survey; whence
- a cross (X) and B.R. 4-2571 A., chisled on a granite stone showing  
5 x 5 x 3 ft. above the ground bears N. 17° 15' E., 22.95 ft.
- Thence S. 78° 50' W.
- Along steep slope to North on line 3-2 Poorman lode
- 273.4 to Cor. 2-3 Sur. No. 1244 Poorman and Tibbet lodes, a quartzite  
stone 12 x 10 x 6 ins. above the ground with mound of stone along-  
side, chisled 2-3-1244
- 525.0 To center of ravine 15 ft. wide, course S. 18° W.
- 875.2 To Cor. 2-3 Sur. No. 1244, Tibbet and Reed lodes, a quartzite stone  
11x10x8 ins. above the ground, chisled 2-3-1244.
- 1477.0 To Cor. No. 1, the place of beginning.

Variation at all corners 14° E.

All corners are identical with their respective location corners.

References given to bearing objects when available.

AREA.

Total and net area of lode survey, claimed, 20.137 acres, of  
which 0.052 of an acre is in conflict with Sur. No. 2466, Little  
Frank lode, and which is included in this survey and claimed by  
the applicant.



Feet.

LODE LINE:

The total length of vein on lode line from W. center end to E. center end is N.  $78^{\circ} 50'$  E., 1477 ft; and extends S.  $78^{\circ} 50'$  W. 1009 ft. and N.  $78^{\circ} 50'$  E. 468 ft. from point of discovery at entrance to 1 Disc. Tunnel.

## DIORYTE MILL SITE.

Feet.

Beginning at Cor. No. 1, identical with Cor. No. 3, Sur. No. 1467 B. Rector M.S., which is the S.E. Cor. of Green Dragon M.S., Uns., and Cor. No. 4 of Mesa M.S., Sur. No. 2568 B.

A pine post 3 ft. high, 4 ins. square, in mound of earth and stone, scribed 3-1467 B. and 1-2571 B. for Cor. 1 of this survey.

Cor. No. 1, Sur. No. 2571 A., Dioryte lode, bears N.  $12^{\circ} 44.8'$  W., 22,220.3 ft.

The W.  $1/4$  Sec. Cor. to Sec. 6, T. 4 S., R. 14 E., G. & S.R. B. & M. bears N.  $64^{\circ} 39.3'$  E., 2152.6 ft.

Thence S.  $8^{\circ} 55'$  W.

Over nearly level ground

466.5 To Cor. No. 2, identical with Cor. No. 2, Sur. No. 1467 B., Gladiator M.S., which is Cor. No. 3 of Mesa M.S., Sur. No. 2568 B. and the N.W. Cor. Bonanza M.S., unsurveyed.

A pine post 3 ft. high, 4 ins. square, in mound of earth and stone, scribed 2-1467 B. and 2-2571 B., for Cor. 2 of this survey.

Thence N.  $61^{\circ} 05'$  W.

466.5 To Cor. No. 3, which is Cor. No. 3, Sur. No. 1467 B. Gladiator M.S., Cor. No. 1, Sur. No. 1467 B., Sharkey M.S. and the N.E. Cor. Esperanza M.S., unsurveyed.

A pine post 3 ft. high, 4 ins. square, in mound of earth and stone, scribed 1-3-1467<sup>B</sup> and 3-2571 B. for Cor. 3 of this survey.

Thence N.  $8^{\circ} 55'$  E.

466.5 To Cor. No. 4, identical with Cor. 4, Sur. 1467 B., Sharkey M.S., which is the S.E. Cor. Albion M.S. and the S.W. Cor. of Green Dragon M.S., both unsurveyed.

A pine post 3 ft. high, 4 ins. square in mound of earth and stone, scribed 4-1467 B and 4-2571 B. for Cor. 4 of this survey.

Thence S.  $61^{\circ} 05'$  W.

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

Containing 4.996 acres.

Variation at all corners  $14^{\circ}$  E.

Feet.

This survey is identical with the location corners.

Bearing objects not available.

Area of Dioryte lode,	20.137 acres,
"    "    "    Mill Site,	<u>4.996</u> "
Total area of survey,	25.133 "

Area in conflict with Little Frank lode, Sur. No. 2466, not excluded, .....0.052 Acres.

LOCATION:

The Dioryte lode is located in the N.E. part of unsurveyed T. 5 S., R. 13 E., G. & S. R., B. & M.

The Mill Site is located in the S.E. 1/4 Sec. 1, T. 4 S., R. 13 E., Gila & Salt River, Base & Meridian.

Both lode and M.S. are situated in Mineral Creek (unorganized) Mining District, Pinal County, Arizona.

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements upon the lode claim, placed thereon by the claimant and its grantors, is not less than Five Hundred Dollars, and that said improvements consist of:--

- |       |  |                 |
|-------|--|-----------------|
| No 1- | Discovery Tunnel, 6 x 4 ft., 25 ft. long, value  | \$210.00        |
|       | Course of tunnel N. 78° 50' E. The point of discovery is at entrance to tunnel, which bears S. 78° 50' W. 468 ft. from the east center end of lode line. |                 |
| No 2- | Tunnel, 6 x 4 ft., 69 ft. long, value  | \$690.00        |
|       | Course of tunnel N. 88° 45' E., the entrance to which bears S. 88° 30' W., 566 ft. from the east center <sup>end</sup> of lode line.                     |                 |
|       | Total value of improvements,   | <u>\$900.00</u> |

INSTRUMENT.

This survey was made with a Gurley Mining Transit. The courses were deflected from the true meridian as determined by direct solar observations.

The distances were measured with 50 ft. and 300 ft. steel tapes.

NOTE: The disagreements between these field notes and the location certificates, and likewise with the adjoining surveys, are due to errors in both of the latter.

Adjoining Claims.

The lode claim is bounded on the north by the Rainey lode, Sur.No.1581; on the east by the Little Frank and Fraction lodes, Sur.No.2466, on the south by the Poorman, Tibbet and Reed lodes, Sur.No.1244, and on the west by the Burbank lode, Sur. No. 1244, <sup>owned by claimant herein</sup>

The Mill-site is bounded on the east by the Mesa Mill-site, Survey No. 2568 B, on the south by the Gladiator Mill-site, Survey No. 1467 B, on the west by