

**MS**  
-

**0**

**2**

**5**

**7**

**3**

MINERAL SURVEY NO. 2573 A & B

Claims (Lodes) M & B Desc.	Improvements	Loc. Notices
Esperanza Mine Pg. 2	Pg. 10	Pg. 3
Mineral Creek 3	10	4
Monarch 1	9	1
Native Copper 1	9	2
West Mineral Creek 3	11	5
Millsites		
Esperanza 6	11	7
Mineral Creek 6		7
Monarch 5	11	6
Native Copper 5		8
West Mineral Creek 7		10

4-683.

MINERAL SURVEY No. 2573 A. & B.

LOT No. ....

ARIZONA Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

RAY CONSOLIDATED COPPER COMPANY

KNOWN AS THE

Monarch, Native Copper, Esperanza Mine, Mineral Creek and West Mineral  
Creek lode claims and Monarch, Native Copper, Esperanza, Mineral Creek &  
West Mineral Creek millsites, in Mineral Creek Mining District,

Pinal County, Arizona

Section Approx. , Township 3 & 4 South , Range 13 East, G. & S. R. B. & M. Unsur.

Surveyed under instructions dated August 5th., 1908

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

Claim located see location notices, 19

Survey commenced Nov. 23, 1908

Survey completed Nov. 27, 1908

6-822

Address: of Claimant's Attorney,  
Frank Thompson,  
Flening Block, Phoenix, Arizona.

Feet.

Thence S.74°23' W.  
 descend over rocky bluff  
 355.08 To Cor. No. 2, identical with Cor. No. 3, Grace l. lode  
 Sur. No. 1581, and Cor. No. 4, Mineral Creek lode, of this  
 Survey, a pine post 4 ins, square, 3 ft. above the ground,  
 in mound of stone, scribed 3-1581-G.L. and 2-4-2573A.N.C.-M.C.  
 whence a cross (x) and B. R. 2-4-2573A, chiseled on a diorite  
 rock showing 9 x 7 x 6 ins, above the ground bears S.57°10' E.  
 12.6 ft. this Cor. is not a location corner, but is at a  
 point 3 ft. North of a line between the S.E. and S.W.  
 location corners.

Thence S.74°12' W.  
 over level ground,  
 250. To center of Mineral Creek, 100 ft. wide, course S.19°30' E.  
 400. To foot of rocky slope to East, ascend  
 713.82 To Cor. No. 3, identical with Cor. No. 1 Monarch lode of this  
 survey, heretofore described, on line 3-4, Mineral Creek  
 lode of this survey

Thence N. 16°46' W.  
 descend over broken ground  
 300. To W.C.E. of the location, a pine post 4 ins, square, 3 ft.  
 above the ground, scribed W.C.E.-N.C.  
 600. To Cor. No. 4, identical with Cor. No. 4, Monarch lode of  
 this survey, heretofore described.

Thence N. 74°26'36" E?  
 over level ground  
 436. To center of Mineral Creek 100 ft. wide, course S.20°E.  
 1068.94 To Cor. No. 5 on line 1-2, Contention lode, Sur. No. 1581,  
 a pine post 4 ft. long 4 ins, square, set 18 ins, in the  
 ground, with mound of earth and stone, scribed 5-2573A,  
 whence a cross (x) and B.R.5-2573A chiseled on a porphyry  
 ledge 4 x 10 x 30 ft. above the ground bears S.66°50' W.  
 4.3 ft. N.E. Loc. Cor. bears N.74°26'36" E. 431.06 ft.  
 and is a pine post 4 ins, square, 3 ft. above the ground,  
 in mound of stone, scribed N.E. Cor. N.C.

Thence S. 16°46' E.  
 300. To E.C.E. of lode line whence the E.C.E. of the location  
 bears N.74°26'36" E. 431.06 ft. and is a pine post 4 ins,  
 square, 3 ft. above the ground, scribed E.C.E.-N.C.  
 493.1 To Cor. No. 1, Contention lode, and Cor. No. 2 Thomas lode,  
 both Sur. No. 1581, a pine post 4 ins, square, 3 ft. above  
 the ground, in mound of stone, scribed 1-2-1581-C.-T.  
 596.6 To Cor. No. 1, the place of beginning.

E S P E R A N Z A M I N E

Beginning at Cor. No. 1, a pine post 4 ft. long,  
 4 ins, square, set 18 ins, in the ground, with mound of  
 earth and stone, scribed 1-2573A-E. Whence a cross (x)  
 and B.R. 1-2573A, chiseled on a granite rock showing  
 22 x 20 x 10 ins. above the ground, bears N.3°10' E. 2.7 ft.  
 U. S. Location Monument No. 1 Bears S.50°07'03" E. 4895.17 ft.

Thence N.39°53' W (West)  
 158.27 Intersect line 2-3, Monarch lode of this survey at S.16°  
 46' E. 430.38 ft. from Cor. No. 3, also intersect line 3-4  
 West Mineral Creek lode at S.87°27' W. 739.96 ft. from Cor.  
 No. 4, this intersection point is identical with Cor. No. 1  
 Hecla lode, Sur. No. 2605, corner heretofore described.  
 299.6 To S.W.C.E. of the location, a pine post 4 ins, square  
 3 ft. above the ground, scribed S.W.C.E.-E.  
 599.2 To Cor. No. 2, identical with Cor. No. 1, Harvey lode, Sur.  
 No. 2605, a pine post 4 ins, square, 3 ft. above the ground,  
 in mound of earth and stone, scribed 1-2605-H. and 2-2573A,  
 E. whence a cross (x) and B.R.2-2573A, chiseled on a granite

Feet

Survey No. 2573 A.- Monarch Lode.

Beginning at Cor. No. 1, identical with Cor. No. 3, Native Copper lode of this survey, on line 3-4 Mineral Creek lode of this survey, a pine post 4 ft. long 4 ins. square, set 18 ins. in the ground, with mound of earth, scribed 1-3-2573A-M.-N.C. whence a cross (x) and B. R. 1-3-2573A, chiseled on a granite rock showing 22 x 19 x 10 ins. above the ground bears N.75°55' E. 6.6 ft.; U. S. Location Monument No. 1 bears S.34°03'22" E. 4230.96 ft.

Thence S. 74°12' W.

over rolling ground

- 778.6 To Cor. No. 3 Mineral Creek lode, identical with Cor. No. 4 West Mineral Creek lode, both of this survey,
- 1496. To Cor. No. 2 a pine post, 4 ft. long, 4 ins. square, set 18 ins in the ground with mound of earth, scribed 2-2573A-M. whence a cross (x) and B. R. 2-2573A, chiseled on a granite rock showing 14 x 12 x 7 ins. above the ground bears N.72°E. 8.3 ft.  
Thence N. 16°46' W.
- 169.62 To Cor. No. 1, Hecla lode, Sur. No. 2605, a pine post 4 ins. square, 3 ft. above the ground, scribed 1-2605; at same point intersect line 3-4 West Mineral Creek lode of this survey at S.87°27' W. 739.96 ft. from Cor. No. 4; at same point intersect line 1-2 Esperanza lode of this survey at N.39°53' W. 158.27 ft. from Cor. No. 1
- 300. To W. C. E. of the location, a pine post 4 ins. square, 3 ft. above the ground, scribed W.C.E.-M.
- 600. To Cor. No. 3 a pine post 4 ft. long 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, scribed 3-2573A-M. whence a cross (x) and B. R. 3-2573A. chiseled on a granite rock showing 30 x 24 x 18 ins. above the ground, bears S. 1°15' E. 2.2 ft. and a palo verde 5 ins. diameter blazed and scribed B. T. 3-2573A. bears N. 18°57' W. 70.9 ft.  
Thence N. 74°12' E.
- 1339.01 Intersect line 4-1, Esperanza Mine of this survey, at N. 49°48' E. 1391.44 ft. from Cor. No. 1
- 1496. To Cor. No. 4, identical with Cor. No. 4 Native Copper lode of this survey, a pine post 4 ft. long 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, scribed 4-4-2573A-M.-N.C., whence a cross (x) and B. R. 4-2573A. chiseled on a conglomerate rock showing 5 x 4 x 4 ft above the ground, bears S.26°55' E. 10.7 ft. and a cross (x) and B.R. 4-2573A chiseled on a conglomerate rock showing 3 x 2 x 1.5 ft. above the ground bears S.61°45' E. 4.9 ft.  
Thence S. 16°46' E.
- 300. To E. C. E. of the location, a pine post 4 ins. square, 3 ft. above the ground, scribed E.C.E.-M.
- 600. To Cor. No. 1, the place of beginning.

NATIVE COPPER LODE.

Beginning at Cor. No. 1, on line 1-2, Thomas lode, Sur. No. 1581, and on line 2-3, Grace I. lode, Sur. No. 1581, a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 1-2573A-N.C. whence a cross (x) and B. R. 1-2573A, chiseled on a granite stone showing 30 x 14 x 10 ins. above the ground bears S.59°50' E. 4.9 ft. Cor. No. 1 of the location bears N.74°53'43" E. 431.12 ft. and is a pine post 4 ins. square, 3 ft. above the ground, scribed S. E. Cor. N.C. U. S. Location Monument No. 1 bears S.19°27'14" E. 4025.05 ft.

Feet

- rock showing 20 x 16 x 10 ins, above the ground bears S.66° 30' W. 6 ft.
- Thence N.49°48' E.
- 188.67 Intersect line 4-1, Hecla lode, Sur. No. 2605, whence Cor. No. 1 bears S. 46' E. 480.36 ft.
- 1311.18 Intersect line 2-3, Iron King lode, Sur. No. 2605, at N.4°54' E. 151.09 ft. from Cor. No. 2, a pine post 4 ins, square, 3 ft. above the ground, scribed 2-2605-I.K. Cor. No. 1, Talus lode, Sur. No. 2574A, bears N.4°54' E. 56.01 ft. and is a pine post 4 ins, square, 3 ft. above the ground, scribed 1-2574A-T.
- 1395.98 To Cor. No. 4, Harvey lode, Sur. No. 2605, a pine post 4 ins, square 3 ft. above the ground, scribed 4-2605-H.
- 1491.2 To Cor. No. 3, a granite rock in place, 3 x 2 x 2 ft. above the general surface, chiseled cross (x) at corner point, and 3-2573A-E. whence a cross and B. R. 3-2573A, chiseled on a granite rock showing 30 x 26 x 10 ins, above the ground bears N.71°30' W. 2.1 ft.
- Thence S.39°53' E.
- 241.62 Intersect line 1-2, Iron King lode, Sur. No. 2605, at N.75°08' E. 315.43 ft. from Cor. No. 2.
- 299.6 To N.E.C.E. of the location, a pine post, 4 ins, square, 3 ft. above the ground, scribed N.E.C.E.-E.
- 599.2 To Cor. No. 4 a granite stone 8 x 9 x 12 ins, above the ground, chiseled cross (x) and 4-2573A-E. whence Cross(x) and B.R.4-2573A, chiseled on a conglomerate rock showing 8 x 4 x 2.5 ft. above the ground bears S.46°05' W. 2.3 ft.
- Thence S.49°48' W.
- 99.76 Intersect line 3-4, Monarch lode of this survey, at N.74° 12' E. 1339.01 ft. from Cor. No. 3.
- 1285.18 Intersect line 3-4, West Mineral Creek lode, of this survey at S.87°27' W. 480.86 ft. from Cor. No. 4.
- 1491.2 To Cor. No. 1, the place of beginning.
  
- M I N E R A L C R E E K L O D E .
- Beginning at Cor. No. 1, a pine post 4 ft. long, 4 ins. square, set 18 ins, in the ground, with mound of earth and stone, scribed 1-2573A-M.C. whence a cross (x) and B.R. 1-2573A, chiseled on a granite rock showing 12 x 12 x 6 ins. above the ground bears S.30° W. 5.5 ft. and the center of No. 21 drill hole, 8 ins, diameter, 408 ft. deep, bears W.67°20' W. 36.9 ft. U. S. Location Monument No. 1 bears S.25°54'24" E. 3478.0 ft.
- Thence S. 74°04' W.
- 100. To center of Mineral Creek, 100 ft. wide, course S.30°E.
- 1099.35 To Cor. No. 4, Globe lode, Sur. No. 2464, identical with Cor. No. 5, Pearl Handle lode, Sur. No. 2599, a granite stone, 6 x 7 x 7 ins, above the ground, chiseled 4-2464-G. and 6-2599-P.H.
- 1492.4 To Cor. No. 2, identical with Cor. No. 5, Pearl Handle lode, Sur. No. 2599, and Cor. No. 1 West Mineral Creek lode of this survey, a pine post 4 ins, square, 3 ft. above the ground, in mound of stone, scribed 5-2599-P.H. and 2-1-2573A-M.C.-W.M.C. whence a cross (x) and B.R. 2-1-2573A, chiseled on a granite rock showing 20 x 14 x 12 ins, above the ground bears S.8°45' E. 15 ft.
- Thence N. 15°56' W.
- 298.7 To W.C.E. of the location, a pine post 4 ins, square, 3 ft. above the ground, scribed W.C.E.-M.C.
- 597.4 To Cor. No. 3, identical with Cor. No. 4, West Mineral Creek lode of this survey, on line 1-2, Monarch lode of this survey, a pine post 4 ft. long 4 ins, square, set 18 ins in the ground with mound of earth, scribed 3-4-2573A-M.C.-W.M.C. whence a pale verde, 6 ins, diameter, blazed and scribed 3-4-2573A, bears N.64°50' W. 9.3 ft., this corner post is

suspended by plank in the top of No. 6 Drill Hole, 8 ins. diameter, 365 ft. deep, of Monarch lode of this survey.

Thence N.  $74^{\circ}12'$  E.

- over rolling ground
- 778.6 To Cor. No. 1 Monarch lode and Cor. No. 3, Native Copper lode of this survey.
- 1242.42 To center of Mineral Creek, 100 ft. wide, course S.  $19^{\circ}30'$  E.
- 1492.42 To Cor. No. 4, identical with Cor. No. 3, Grace L. lode, Sur. No. 1581, and Cor. No. 2, Native Copper lode of this survey heretofore described.
- Thence S.  $15^{\circ}56'$  E.
- over level ground
- 298.7 To E.C.E. of the location, a pine post 4 ins. square, 3 ft. above the ground, scribed E.C.E.-M.C.
- 493.94 To Cor. No. 4, Grace L. lode, Sur. No. 1581, a pine post 4 ins. square, 2 ft. above the ground, scribed 4-1581-G.L. close along side of post stands Cor. No. 3, Globe lode, Sur. No. 2464, a porphyry stone, 7 x 9 x 10 ins. above the ground, chiseled 3-2464-G, from which Cor. No. 4 Globe lode hrs.  $S.68^{\circ}52' W. 1104.1$  ft.
- 594.0 To Cor. No. 1, the place of beginning.
- WEST MINERAL CREEK LODE.
- Beginning at Cor. No. 1, identical with Cor. No. 5, Pearl Handle lode, Sur. No. 2599, Cor. No. 2 Mineral Creek lode of this survey, heretofore described, whence U. S. Location Monument No. 1 bears S.  $47^{\circ}22'52''$  E. 4015.19 ft.
- Thence S.  $86^{\circ}47'18''$  W.
- 1080.0 Intersect line 1-2, Emperor lode, Sur. No. 1467A, at S.  $45^{\circ}E.$  418.5 ft. from Cor. No. 2, which is identical with Cor. No. 1 Sun lode, Sur. No. 2605, a porphyry stone, 4 x 5 x 9 ins. above the ground, chiseled 2-1467A, and 1-2605-S.
- 1485.0 To Cor. No. 2, a pine post 4 ft. long 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 2-2573A-W.M.C.
- Thence N.  $15^{\circ}56'$  W.
- 170.02 Intersect line 2-3, Emperor lode, Sur. No. 1467A, which is line 1-2, Sun lode, Sur. No. 2605, at S.  $45^{\circ}W.$  219.41 ft from Cor. No. 1, identical with Cor. No. 2 Emperor lode.
- 307.5 To W.C.E. of the location, a pine post 4 ins. square, 3 ft. above the ground, scribed W.C.E.-W.M.C.
- 428.8 Intersect line 4-1, Sun lode, Sur. No. 2605, at N.  $67^{\circ}30'$  W. 244.82 ft. from Cor. No. 1, at same point intersect line 1-2, Hecla lode, Sur. No. 2605, at S.  $73^{\circ}03.5'$  W. 720.79 ft. from Cor. No. 1.
615. To Cor. No. 3, a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 3-2573A-W.M.C. whence a cross (x) and B.R. 3-2573A, chiseled on a granite rock showing 30 x 14 x 10 ins. above the ground, bears S.  $44^{\circ}10'$  W. 14.4 ft.
- Thence N.  $87^{\circ}27'$  E.
- 749.04 To Cor. No. 1, Hecla lode, Sur. No. 2605; at this Cor. intersect line 1-2, Esperanza Mine of this survey at N.  $39^{\circ}53'$  W. 158.27 ft. from Cor. No. 1; at same corner intersect line 2-3, Monarch lode of this survey at N.  $16^{\circ}46'$  W. 169.62 ft. from Cor. No. 2.
- 1008.14 Intersect line 4-1, Esperanza Mine of this survey, at N.  $49^{\circ}48'$  E. 206.02 ft. from Cor. No. 1
- 1489.0 To Cor. No. 4, identical with Cor. No. 3, Mineral Creek lode of this survey, heretofore described; on line 1-2, Monarch lode of this survey, whence Cor. No. 2 Monarch lode bears S.  $74^{\circ}12'$  W. 717.4 ft.

Feet.

298.7 To E. C. E. of the location, a pine post 4 ins, square,  
 3 ft. above the ground, scribed E.C.E.-W.M.C.  
 597.4 To Cor No. 1, the place of beginning.

Survey No. 2573 B.

MONARCH MILLSITE.

Beginning at Cor. No 1, identical with Cor. No. 2  
 Bonanza Millsite, Sur. No. 2570B, Cor. No. 4, Talus Mill-  
 site, Sur. No. 2574B, and Cor. No. 3, Tucson Queen Mill-  
 site, unsurveyed, a pine post 4 ins, square, 3 ft. above the  
 ground, in mound of earth, scribed 2-2570B-B., 4-2574B-T.,  
 and 1-2573B-M. whence Cor. No. 1, Monarch lode, Sur. No.  
 2573A, bears N. 16°01'28" W. 26198.25 ft. and the W. 1/4  
 Cor. to Sec. 6, T. 4 S., R; 14 E. G. & S. R. B. & N. bears  
 N.40°15'08" E. 2517.08 ft.

466.5 To Cor. No. 2, identical with Cor. No. 3, Talus millsite  
 Sur. No. 2574B, Cor. No. 3 Weighel millsite, Sur. No.  
 1467B, and Cor. No. 1 Wedge millsite, Sur. No. 1467B, a  
 pine post 4 ins, square, 3 ft. above the ground, in mound  
 of earth and stone, scribed 3-2574B-T., 3-1-1467B, and  
 2-2573B-M.

Thence S. 8°55' W.

466.5 To Cor. No. 3, identical with Cor. No. 2 Wedge Millsite,  
 Cor. No. 4 Emperor millsite, and Cor. No. 2 York millsite,  
 Sur. No. 1467B, a pine post 4 ins, square, 3 ft. above the  
 ground in mound of earth scribed 2-4-2-1467B, and  
 3-2573B-M.

Thence N. 8°55' E.

466.5 To Cor. No. 4, identical with Cor. No. 1, York millsite,  
 Cor. No. 1, Gladiator millsite, Sur. No. 1467B, and Cor.  
 No. 3, Bonanza millsite, Sur. No. 2570B, a pine post 4 ins.  
 square, 3 ft. above the ground, in mound of earth scribed  
 1-1-1467B., 3-2570B., and 3-2573B-M.

Thence S. 81°05' E.

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

NATIVE COPPER MILLSITE.

Beginning at Cor. No. 1, identical with Cor. No. 3,  
 Sharkey Millsite, Sur. No. 1467B., Cor. No. 3 Albion  
 Millsite, and Cor. No. 2 Grenadier Millsite, both unsurveyed,  
 a pine post 4 ins, square, 3 ft. above the ground, in  
 mound of earth and stone, scribed 3-1467B and 1-2573B-N.C.  
 whence Cor. No. 1, Native Copper Lode, Sur. No. 2573A, bears  
 N.11°32' W. 24833.14 ft. and the W. 1/4 Cor. to Sec. 6.  
 T. 4 S., R. 14 E. bears N. 74°43'14" E. 2969.48 ft.

Thence S. 8°55' W.

148.1 To center of Ray Co. railroad, 30 inch gauge, course N.10°W.  
 this road is used for transporting the copper ore from the  
 mine at Ray to the reduction works at Kelvin;

466.5 To Cor. No. 2, identical with Cor. No. 2 Sharkey Millsite,  
 Cor. No. 4 Tribunal millsite, Sur. No. 1467B, and Cor. No. 4  
 Esperanza millsite of this survey, a pine post 4 ins, square  
 3 ft. above the ground, in mound of earth and stone,  
 scribed 2-4-1467B, and 2-4-2573B-N.C.-E.

Thence N. 81°05' W.

380. To left bank of Mineral Creek, 130 ft. wide, course S.15°E.  
 at present time the creek is dry.

466.5 To Cor. No. 3, not set as it falls in the bed of Mineral C  
 Creek where permanent corner could not be established,  
 whence witness corner to Cor. No. 3 bears N.8°55' E. 156 ft.  
 and is a pine post 4 ft. long 4 ins, square, set 18 ins. in  
 the ground, with mound of stone scribed W.C.3-2573B-N.C.  
 whence a mesquite 9 ins, diameter blazed and scribed  
 B.T.W.C.3-2573B, bears S.59°13' E. 83.7 ft.



Feet

- Thence N.  $8^{\circ}55'$  E.  
from true corner point
130. To left bank of Mineral Creek, 120 ft. wide, course S.  $30^{\circ}$  E.
156. To witness corner to Cor. No. 3
- 466.5 To Cor. No. 4, identical with Cor. No. 2, Ida Millsite, Sur. No. 2568B, and Cor. No. 3, Grenadier Millsite, unsurveyed, a pine post 4 ins, square, 3 ft. above the ground, in mound of earth and stone, scribed 2-2568B and 4-2573B-N.C.
- Thence S.  $81^{\circ}05'$  E.
- 427.2 To center of Ray Co. railroad, course N.  $3^{\circ}40'$  W.
- 466.5 To Cor. No. 1, the place of beginning.

E S P E R A N Z A M I L L S I T E .

Beginning at Cor. No. 1, identical with Cor. No. 1 Sharkey Millsite, and Cor. No. 3, Gladiator Millsite, both of Sur. No. 1467B, and at Cor. No. 5, Dioryte Millsite, Sur. No. 2571B, a pine post 4 ins, square, 3 ft. above the ground, in mound of earth and stone, scribed 1-3-1467B; 3-2571B-D, and 1-2573B-E. whence Cor. No. 1, Esperanza Mine, Sur. No. 2573A, bears N.  $17^{\circ}47'36''$  W. 25424.59 ft. and the W.  $1/4$  Cor. to Sec. 6, T. 4 S., R. 14 E. bears N.  $62^{\circ}01'$  E. 2803.84 ft.

- Thence S.  $8^{\circ}55'$  W.
- 466.5 To Cor. No. 2, identical with Cor. No. 4, Gladiator, York and Senate millsites, Sur. No. 1467B, a pine post 4 ins, square, 3 ft. above the ground, in mound of earth and stone, scribed 4-4-4-1467B, and 2-2573B-E.
- Thence N.  $81^{\circ}05'$  W.
- 378.0 To center of Ray Co. railroad to the Ray mines, course N.  $9^{\circ}$  E.
- 466.5 To Cor. No. 3, identical with Cor. No. 1, Tribunal and Man Tiger Millsites, and Cor. No. 3 Senate millsite, Sur. No. 1467B, a pine post 4 ins, square, 3 ft. above the ground, in mound of earth and stone, scribed 1-1-3-1467B, and 3-2573B-E.
- Thence N.  $8^{\circ}55'$  E.
- 466.5 To Cor. No. 4, identical with Cor. No. 2, Sharkey Millsite, and Cor. No. 4 Tribunal Millsite, Sur. No. 1467B. and Cor. No. 2 Native Copper millsite of this survey, corner heretofore described.
- Thence S.  $81^{\circ}05'$  E.
- 96.4 To center of Ray Co. railroad to Ray mines, course N.  $2^{\circ}30'$  W.
- 466.5 To Cor. No. 1, the place of beginning.

M I N E R A L C R E E K M I L L S I T E .

Beginning at Cor. No. 1, not set as it falls in Gila River where permanent corner could not be established, at present time the greater part of the river bed is dry, but at times of high water the river is full from bank to bank; whence witness corner to Cor. No. 1 bears N.  $81^{\circ}05'$  W. 201.7 ft. and is a pine post 4 ft. long 4 ins, square, set 18 ins, in the ground in mound of earth scribed W.C. 1-2573B-M.C

Cor. No. 1, Mineral Creek lode, Sur. No. 2573A, bears N.  $16^{\circ}47'54''$  W. 26617.0 ft. and the W.  $1/4$  Cor. to Sec. 6, T. 4 S., R. 14 E. bears N.  $6^{\circ}56'05''$  E. 2618.05 ft.

- Thence S.  $8^{\circ}55'$  W.  
from true corner point
- 466.5 To Cor. No. 2 not set as it falls in Gila River, where permanent corner could not be established, whence witness corner to Cor. No. 2 bears N.  $81^{\circ}05'$  W. 621.6 ft. and is identical with witness corner to Cor. No. 1 West Mineral Creek Millsite

Feet.

- 298.7 Thence S. 15°56' E. To E. C. E. of the location, a pine post 4 ins, square, 3 ft. above the ground, scribed E.C.E.-W.M.C.
- 597.4 To Cor No. 1, the place of beginning.

Survey No. 2573 B.  
 MONARCH MILLSITE.  
 Beginning at Cor. No 1, identical with Cor. No. 2 Bonanza Millsite, Sur. No. 2570B, Cor. No. 4, Talus Mill-site, Sur. No. 2574B, and Cor. No. 3, Tucson Queen Mill-site, unsurveyed, a pine post 4 ins, square, 3 ft. above the ground, in mound of earth, scribed 2-2570B-B., 4-2574B-T., and 1-2573B-M. whence Cor. No. 1, Monarch lode, Sur. No. 2573A, bears N. 16°01'28" W. 26198.25 ft. and the W. 1/4 Cor. to Sec. 6, T. 4 S., R; 14 E. G. & S. R. B. & N. bears N.40°15'08" E. 2517.08 ft.

- 466.5 Thence S. 8°55' W. To Cor. No. 2, identical with Cor. No. 3, Talus millsite Sur. No. 2574B, Cor. No. 3 Weighel millsite, Sur. No. 1467B, and Cor. No. 1 Wedge millsite, Sur. No. 1467B, a pine post 4 ins, square, 3 ft. above the ground, in mound of earth and stone, scribed 3-2574B-T., 3-1-1467B, and 2-2573B-M.

- 466.5 Thence N. 81°05' W. To Cor. No. 3, identical with Cor. No. 2 Wedge Millsite, Cor. No. 4 Emperor millsite, and Cor. No. 2 York millsite, Sur. No. 1467B, a pine post 4 ins, square, 3 ft. above the ground in mound of earth scribed 2-4-2-1467B, and 3-2573B-M.

- 466.5 Thence N. 8°55' E. To Cor. No. 4, identical with Cor. No. 1, York millsite, Cor. No. 1, Gladiator millsite, Sur. No. 1467B, and Cor. No. 3, Bonanza millsite, Sur. No. 2570B, a pine post 4 ins. square, 3 ft. above the ground, in mound of earth scribed 1-1-1467B., 3-2570B., and 3-2573B-M.

- 466.5 Thence S.81°05' E. To Cor. No. 1, the place of beginning.

NATIVE COPPER MILLSITE.  
 Beginning at Cor. No. 1, identical with Cor. No. 3, Sharkey Millsite, Sur. No. 1467B., Cor. No. 3 Albion Millsite, and Cor. No. 2 Grenadier Millsite, both unsurveyed, a pine post 4 ins, square, 3 ft. above the ground, in mound of earth and stone, scribed 3-1467B and 1-2573B-N.C. whence Cor. No. 1, Native Copper Lode, Sur. No. 2573A, bears N.11°32' W. 24833.14 ft. and the W. 1/4 Cor. to Sec. 6. T. 4 S., R. 14 E. bears N. 74°43'14" E. 2969.48 ft.

- 148.1 Thence S. 8°55' W. To center of Ray Co. railroad, 30 inch gauge, course N.10°W. this road is used for transporting the copper ore from the mine at Ray to the reduction works at Kelvin;
- 466.5 To Cor. No. 2, identical with Cor. No. 2 Sharkey Millsite, Cor. No. 4 Tribunal millsite, Sur. No. 1467B, and Cor. No. 4 Esperanza millsite of this survey, a pine post 4 ins, square 3 ft. above the ground, in mound of earth and stone, scribed 2-4-1467B, and 2-4-2573B-N.C.-E.

- 380. Thence N. 81°05' W. To left bank of Mineral Creek, 130 ft. wide, course S.15°E. at present time the creek is dry.

- 466.5 To Cor. No. 3, not set as it falls in the bed of Mineral C Creek where permanent corner could not be established, whence witness corner to Cor. No. 3 bears N.8°55' E. 156 ft. and is a pine post 4 ft. long 4 ins, square, set 18 ins, in the ground, with mound of stone scribed W.C.3-2573B-N.C. whence a mesquite 9 ins, diameter blazed and scribed B.T.W.C.3-2573B, bears S.59°13' E. 83.7 ft.

Feet

- of this survey. a pine post 4 ft. long 4 ins. square, set 18 ins. in the ground, with mound of earth and stone scribed 3-1-2573B-M.C.-W.M.C.  
Thence N.81°05' W.  
from true corner point
- 466.5 To Cor. No. 3, identical with Cor. No 2, Sleeper Millsite, Sur. No. 2572B, and Cor. No. 1, West Mineral Creek Millsite of this survey, not set as it falls in Gila River where permanent corner could not be established; whence witness corner to Cor. No. 3 bears N.8°55' E. 182.1 ft. and is identical with witness corner to Cor. No. 2, West Mineral Creek Millsite of this survey, a pine post 4 ft. long 4 ins. square set 18 ins. in the ground, with mound of earth, scribed W.C.3-2-2573B-M.C.-W.M.C.  
Thence N. 8°55' E.  
from true corner point
- 166.5 To right bank of Gila River, about 475 ft. wide, course S.48°W.
- 182.1 To witness corner to Cor. No. 3, identical with witness corner to Cor. No. 2, West Mineral Creek Millsite of this survey, corner heretofore described.
- 241.9 To center of Phoenix & Eastern Railroad, course N.48°02' E.
- 466.5 To Cor. No. 4, identical with Cor. No. 1, Sleeper and Cor. No. 2 Sweepstake Millsites, Sur. No. 2572B, a pine post 4 ins. square, 3 ft. above the ground, in mound of earth, scribed 1-2-2572B, and 4-2573B-M.C.  
Thence S.81°05' E.
- 182.6 To center of Phoenix & Eastern Railroad, course N.48°02' E.
- 264.8 To witness corner to Cor. No. 1
- 275.0 To right bank of Gila River, about 475 ft. wide, course S.48°W.
- 466.5 To Cor. No. 1, the place of beginning.
- WEST MINERAL CREEK MILLSITE .
- Beginning at Cor. No. 1, identical with Cor. No. 2 Sleeper Millsite, Sur. No. 2572B, and Cor. No. 3, Mineral Creek Millsite of this survey, not set as it falls in Gila River where permanent corner could not be established, whence witness corner to Cor. No. 1 bears N.81°05' W. 155.1 ft. and is identical with witness corner to Cor. No. 2 Mineral Creek Millsite of this survey, heretofore described, whence Cor. No. 1, West Mineral Creek lode, Sur. No. 2573A, bears N. 18°39'10" W. 26871.51 ft. and the W. 1/4 Cor. to Sec. 6, T. 4 S., R. 14 E. bears N. 15°52'11" E. 3105.86 ft.  
Thence S.8°55' W.  
from true corner point
- 466.5 To Cor. No. 2, not set as it falls in Gila River where permanent corner could not be established, whence witness corner to Cor. No. 2 bears N.8°55' E. 648.6 ft. and is identical with witness corner to Cor. No. 3 Mineral Creek Millsite of this survey, heretofore described.  
Thence N. 81°05' W.  
from true corner point
- 466.5 To Cor. No. 3, identical with Cor. No. 2, J. G. Millsite, Sur. No. 1467B, and Cor. No. 1 Black Hussar Millsite, Sur. No. 2569B, not set as it falls in Gila River where permanent corner could not be established, whence witness corner to Cor. No. 3 bears N. 8°55' E. 151.9 ft. and is identical with witness corner to Cor. No. 2, Black Hussar Millsite, Sur. No. 2569B, a pine post 4 ins. square, 3 ft. above the ground, in mound of earth, scribed W.C.2-2569B and W.C.3-2573B-W.M.C.  
Thence N. 8°55' E.  
from true corner point
140. To right bank of Gila River, about 475 ft. wide, course

Feet	S.48°W.
151.9	To witness Cor. to Cor. No. 3, identical with witness corner to Cor. No. 2, Black Hussar Millsite, Sur. No. 2569B
253.7	To center of Phoenix & Eastern Railroad, course N.67°E.
466.5	To Cor. No. 4, identical with Cor. No. 1, J. G. and Weighel Millsites, Sur. No. 1467B, and Cor. No. 3, Sleeper Millsite, Sur. No. 2572 B., a pine post 4 ins, square, 3 ft. above the ground in mound of stone, scribed 1-1-1467B, 3-2572B, and 4-2573B-W.M.C. Thence S.81°05' E.
269.8	To center of Phoenix & Eastern Railroad, course N.48°02' E.
311.4	To witness corner to Cor. No. 1, identical with witness corner to Cor. No. 2, Mineral Creek Millsite of this survey
319.5	To right bank of Gila River, course S.48°W.
466.5	To Cor. No. 1, the place of beginning.

Magnetic variation at all corners 14° E.  
 Reference given to bearing objects when available.  
 All corners of this survey are identical with their respective location corners except as noted.  
 The disagreements between these field notes and the location certificates, and between these field notes and Sur. No. 1467 A. & B. and Sur. No. 1581, are due to errors in the latter.

**L O D G E S.**

The presumed course of the vein or lode line on each of the lode locations is from the East or N. E. center end of lode line as follows:-  
 On the Monarch lode, S.74°12' W. 1496 ft;  
 On the Native Copper lode, S.74°26'36" W. 1068.94 ft.  
 On the Esperanza Mine, S.49°48' W. 1491.2 ft.  
 On the Mineral Creek lode, S.74°12' W. 1492.42 ft.  
 On the West Mineral Creek lode, S.87°07'12" W. 1486.97 ft.

**A R E A S .**

	Acres
Total and net area of Monarch lode, claimed including 9.142 acres in conflict with Esperanza Mine and 1.396 acres in conflict with West Mineral Creek lode, this latter area includes 0.374 acres in conflict of Esperanza Mine with West Mineral Creek lode.	20.603
Total and net area of Native Copper lode, claimed	14.670
Total area of Esperanza Mine	20.512
Less area in conflict with Monarch lode	9.142
the latter area includes 0.374 acres conflict of Esperanza Mine with West Mineral Creek lode	
Net area of Esperanza Mine, claimed	11.370
including 0.955 (nine hundred fifty five thousandths) acres in conflict with Hecla lode, and 1.012 acres in conflict with Iron King lode, Sur. No. 2605, which is claimed in Esperanza Mine	
Total and net area of Mineral Creek lode	20.409
including 1.263 acres in conflict with Globe lode, Sur. No. 2464 which is claimed in the Mineral Creek lode	
Total area of West Mineral Creek lode	20.159
Less area in conflict with Monarch lode	1.396
which includes 0.374 acres conflict with Esperanza Mine	
Less area in conflict with Emperor lode, Sur. No. 1467A	1.825
	3.221
Net area of West Mineral Creek lode, claimed	16.938
Carried forward	83.990

Brought forward  
including 1.557 acres in conflict with Hecla lode,  
Surf No. 2605, and 0.570 acres in conflict with Sun  
lode, Surf No. 2605, which is claimed in the West  
Mineral Creek lode

Acres  
83.990

Total net area of lode claims		<u>83.990</u>
Net area of Monarch millsite	4.996	
" Native Copper	4.996	
" Esperanza	4.996	
" Mineral Creek	4.996	
" West Mineral Creek	4.996	
Total net area of millsites	<u>24.980</u>	
Total net area of survey		<u>108.970</u>

I M P R O V E M E N T S .

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimant and its grantors, is not less than \$2500.00, and that said improvements consist of:-

On the Monarch lode:	Value	
No. 1, Discovery Shaft, 4 x 6 ft. 5 ft. deep the mouth of which bears S. 74°12' W. 750 ft. from E.C.E.	30.00	
No. 2, Tunnel on incline, 6 x 6 ft. 35 ft. long, course N. 14°30' W. dip 35° at Face of No. 2 Tunnel is a cross-cut 4 x 6 ft. 12 ft. long, course N. 74°E. The mouth of No. 2 Tunnel bears N.84°15' W. 665 ft. from Cor. No. 1	350.00	120.00
No. 3, Cut, 6 x 10 ft. 33 ft. long, course N. the mouth of which bears N.87°45' W. 793 ft. from Cor. No. 1	100.00	
No. 4, Tunnel on incline, 6 x 6 ft. 20 ft. long, course North dip 35° the mouth of which bears N.49°10' E. 670 ft. from Cor. No. 2.	200.00	
No. 5, Drill hole, 8 ins. diameter, 255 ft. deep the mouth of which bears S.67°10' W. 610 ft. from Cor. No. 4.	700.00	
No. 6, Drill hole, 8 ins. diameter, 365 ft. deep, the mouth of which bears S.74°12' W. 778.6 ft. from Cor. No. 1	1000.00	
No. 7, Shaft, 4 x 6 ft. 10 ft. deep the mouth of which bears S.84°W. 130 ft. from E.C.E.	80.00	
No. 8, Tunnel, 4 x 6 ft. 35 ft. long, course North the mouth of which bears N.48°15' E. 500 ft. from Cor. No. 2.	350.00	
No. 9, Shaft, 4 x 6 ft. 10 ft. deep, the mouth of which bears N.54°40' E. 755 ft. from Cor. No. 2	80.00	
Total improvements on Monarch lode		<u>3010.00</u>

value of

On the Native Copper lode:	Value	
No. 1, Discovery Cut, 4 x 10 ft. 10 ft. long course N.74°26'34" E. the W end of which bears N.74°26'34" E. 4 ft. from W.C.E.	80.00	
No. 2, Shaft, 4 x 6 ft. 10 ft. deep the mouth of which bears N.23°15' E (East) 335 ft. from Cor. No. 3	110.00	
No. 3, Tunnel, 4 x 6 ft. 65 ft. long, course S.16°30' E. the mouth of which bears N.29°10' E. 355 ft. from Cor. No. 3	650.00	
No. 4, Tunnel, 4 x 6 ft. 39 ft. long, course S.16°30' E. the mouth of which bears N.32°40' E. 370 ft. from Cor. No. 3	370.00	
Carried forward		<u>1210.00</u> 3010.00

Brought forward	1210.00	3010.00
No. 5. Cut, 5 x 10 ft. 46 ft. long, course N.75°E the W. end of which bears N.6°W. 270 ft. from Cor. No.3	100.00	
No. 6. Cut, 5 x 6 ft. 8 ft. long, course N.54°E. the S. W. end of which bears N.61°15' E. 375 ft. from Cor. No. 3	40.00	
No. 7. Tunnel, 4 x 6 ft. 12 ft. long, course S.54°W. the mouth of which bears N.61°15' E. 375 ft. from Cor. No. 3.	100.00	
Total improvements on Native Copper lode value of		1450.00

On the Esperanza Mine:

No. 1, Discovery Shaft, 4 x 6 ft. 9 ft. deep the mouth of which bears S.49°48' W. 100 ft. from N.E.C.E.	60.00	
No. 2, Shaft, 4 x 6 ft. 33 ft. deep, the mouth of which bears S.71°W. 445 ft. from Cor. No. 4.	300.00	
No. 3, Shaft, 4 x 8 ft. 20 ft. deep, the mouth of which bears S.79°W. 400 ft. from Cor. No. 4	900.00	
No. 4. Shaft 8 x 10 ft. 15 ft. deep, the mouth of which bears S.76°45' W. 460 ft. from Cor. No. 4	120.00	
No. 5. Shaft, 4 x 6 ft. 8 ft. deep, the mouth of which bears S.85°30' W. 450 ft. from Cor. No. 4	50.00	
No. 6. Shaft, 4 x 6 ft. 10 ft. deep, the mouth of which bears S. 10°W. 565 ft. from Cor. No. 3	90.00	
No. 7, Shaft, 8 x 10 ft. 35 ft. deep, the mouth of which bears S.12°30' W. 520 ft. from Cor. No. 3	350.00	
No. 8, Shaft, 4 x 6 ft. 10 ft. deep, the mouth of which bears S.86°30' W. 490 ft. from Cor. No. 4	90.00	
No. 9, Shaft, 4 x 6 ft. 10 ft. deep, the mouth of which bears West 560 ft. from Cor. No. 4	90.00	
No. 10, Shaft 4 x 6 ft. 5 ft. deep, the mouth of which bears S.20°W. 450 ft. from Cor. No. 3	40.00	
No. 11, Shaft, 4 x 6 ft. 10 ft. deep, the mouth of which bears S.24°15' W. 460 ft. from Cor. No. 3	90.00	
No. 12, Shaft, 5 x 6 ft. 15 ft. deep, the mouth of which bears S.30°15' W. 485 ft. from Cor. No. 3.	140.00	
No. 13, Shaft, 5 x 6 ft. 10 ft. deep, the mouth of which bears S.34°W. 540 ft. from Cor. No. 3	100.00	
No. 14, Shaft, 10 x 10 ft. 5 ft. deep, the mouth of which bears S.36°15' W. 570 ft. from Cor. No. 3	30.00	
Total improvements on Esperanza lode		2450.00

On the Mineral Creek Lode:

No. 1, Discovery Shaft, 5 x 6 ft. 8 ft. deep the mouth of which bears S.74°12' W. 750 ft. from E.C.E.	40.00	
No. 2, Shaft, 4 x 8 ft. 10 ft. deep, the mouth of which bears N.74°12' E. 40,ft. from W.C.E.	90.00	
No. 3, Shaft, 4 x 6 ft. 10 ft. deep, the mouth of which bears S.73°20' E. 180 ft. from Cor. No. 3	90.00	
No. 4, Shaft, 4 x 6 ft. 10 ft. deep, the mouth of which bears S.65°50' E. 160 ft. from Cor. No. 3	90.00	
No. 5, Tunnel, 4 x 6 ft. 95 ft. long, course S.47°15' W. 23 ft. to angle, thence S.64°W. 72 ft. to face.	950.00	
At angle in No. 5 tunnel is a winze 6 x 6 ft. 14 ft. deep, the mouth of No. 5 tunnel bears S.64° 15' W. 570 ft. from Cor. No. 4	140.00	
No. 6, Cut, 6 x 6 ft. 25 ft. long, course N.47° 15' E. the W. end of which bears S.64°15' W. 570 ft. from Cor. No. 4	100.00	
No. 7. Tunnel, 4 x 6 ft. 80 ft. long, general course N.30° E. the mouth of which bears West 865 ft. from Cor. No. 1	800.00	
Carried forward	2300.00	6910.00

Brought forward	2300.00	6910.66
No. 8, Shaft, 4 x 6 ft. 65 ft. deep, the mouth of which bears S.88°30' W. 650 ft. from Cor. No. 1	650.00	
No. 9, Shaft, 4 x 6 ft. 10 ft. deep, the mouth of which bears N.51°E. 650 ft. from Cor. No. 2	90.00	
No. 10, Shaft, 8 x 8 ft. 10 ft. deep, the mouth of which bears N.56°30' E. 630 ft. from Cor. No. 2	100.00	
No. 11, Cut, 6 x 8 ft. 15 ft. long, course N.50°W. the South end of which bears N.82°30' W. 840 ft. from Cor. No. 1	100.00	
No. 12, Drill hole, 8 ins. diameter, 410 ft. deep the mouth of which bears S.79°33' E. 500 ft. from Cor. No. 3	920.00	
No. 13, Drill hole, 8 ins. diameter, 375 ft. deep the mouth of which bears N.89°27' E. 230 ft. from Cor. No. 3	840.00	
No. 14, Drill hole, 8 ins. diameter, 408 ft. deep the mouth of which bears S.55°15' W. 600 ft. from Cor. No. 4	920.00	
No. 15, Drill hole, 8 ins. diameter, 325 ft. deep the mouth of which bears S.48°40' W. 795 ft. from Cor. No. 4	730.00	
No. 16, Drill hole, 8 ins. diameter, 330 ft. deep the mouth of which bears N.80°E. 615 ft. from W.C.E.	740.00	
No. 17, Drill hole, 8 ins. diameter, 275 ft. deep the mouth of which bears N.42°E. 355 ft. from Cor. No. 2	620.00	
No. 18, Drill hole, 8 ins. diameter, 320 ft. deep the mouth of which bears N.65°E. 525 ft. from Cor. No. 2	720.00	
No. 19, Drill hole, 8 ins. diameter, 255 ft. deep the mouth of which bears S.78°30' W. 750 ft. from Cor. No. 1	570.00	
No. 20, Drill hole, 8 ins. diameter, 225 ft. deep the mouth of which bears S.30°50' W. 525 ft. from Cor. No. 1	510.00	
No. 21, Drill hole, 8 ins. diameter, 408 ft. deep the mouth of which bears N.67°20' W. 36.9 ft. from Cor. No. 1	920.00	
Total improvements on the Mineral Creek lode		10730.00
On the West Mineral Creek lode:		
No. 1, Discovery Shaft, 4 x 6 ft. 10 ft. deep the mouth of which bears S.87°07'12" W. 42 ft. from E.C.E.	100.00	
No. 2, Cut, 4 x 10 ft. 12 ft. long, course North the South end of which bears N.37°25' W. 305 ft. from Cor. No. 1	70.00	
No. 3, Tunnel, 4 x 6 ft. 85 ft. long, course S.77°30' W. the mouth of which bears S.57°12½ W. 205 ft. from Cor. No. 4.	850.00	
No. 4, Shaft, 4 x 8 ft. 10 ft. deep, the mouth of which bears S.82°33' E (East) 750 ft. from Cor. No. 3	100.00	
No. 5, Shaft, 4 x 6 ft. 9 ft. deep, the mouth of which bears S.81°E. 730 ft. from Cor. No. 3	80.00	
Total improvements on the West Mineral Creek lode		1200.00
Total improvements on the five lode locations		18840.00
On the Monarch millsite:		
Manager's House, 45.5 x 74.6 ft. course of long side S.18°30' W. the N. W. corner of which bears S.28°05' E. 186.6 ft. from Cor. No. 4	1800.00	
Carried forward	1800.00	18840.00
On the Esperanza Millsite:-		

Brought forward 1800.00 18840.00

On the Esperanza Millsite:

Store, 46 x 74 ft. course of long side 1600.00  
N.8°55' E. the S. E. Cor. of which bears N.54°W.  
101 ft. from Cor. No. 2

Warehouse, 19 x 75 ft. course of long side 1600.00  
N.8°55' E. with addition 23 x 30 ft. on West side of  
warehouse at N.8°55' E. 26 ft. from S.W. Cor. The  
S.E. Cor. of warehouse bears N.67°30' W. 214 ft. from  
Cor. No. 2.

Total improvements on millsites 5000.00  
Total improvements on Sur. No. 2573 A. & B. \$ 23840.00

A D J O I N I N G C L A I M S .

To the lode locations:-

North: Hecla, Harvey and Iron King lodes, Sur. No. 2605, Gila  
Copper Company, owner. Buffalo lode, unsurveyed, Thomas Haley,  
owner.

East: Iron King lode, Sur. No. 2605, Gila Copper Company, owner,  
Buffalo lode, unsurveyed, Thomas Haley, owner. Contention, Thomas and  
Grace L. lodes, Sur. No. 1581, Arizona Hercules Copper Company, owner.

South: Globe lode, Sur. No. 2464, Kelvin Calumet Copper Company,  
owner; Pearl Handle lode, Sur. No. 2599, Gila Copper Company, owner;  
Emperor lode, Sur. No. 1467A, Ray Consolidated Copper Company, owner.

West: Emperor lode, Sur. No. 1467A, Ray Consolidated Copper Company  
owner; Sun, Hecla and Harvey lodes, Sur. No. 2605, Gila Copper  
Company, owner.

To the millsites:-

Monarch Millsite:-

North: Bonanza Millsite, Sur. No. 2570 B  
East: Talus Millsite, Sur. No. 2574 B  
South: Wedge Millsite, Sur. No. 1467 B  
West: York Millsite, Sur. No. 1467 B, the Ray Consolidated Copper  
Company, owner.

Native Copper Millsite:-

North: Gremadier Millsite, unsurveyed.  
East: Sharkey Millsite, Sur. No. 1467 B.  
South: Tribunal Millsite, Sur. No. 1467 B  
West: Unsurveyed public land.

The Ray Consolidated Copper Company owner of the millsites noted.

Esperanza Millsite:

North: Sharkey Millsite, Sur. No. 1467 B  
East: Gladiator Millsite, Sur. No. 1467 B  
South: Senate Millsite, Sur. No. 1467 B  
West: Tribunal Millsite, Sur. No. 1467 B

The Ray Consolidated Copper Company, owner of the millsites noted.

Mineral Creek Millsite:

North, East and South: Unsurveyed public land  
West: Sleeper Millsite, Sur. No. 2572 B, the Ray Consolidated Copper  
Company, owner.

West Mineral Creek Millsite:

North: Sleeper Millsite, Sur. No. 2572 B.  
East and South: Unsurveyed public land.  
West: J. G. Millsite, Sur. No. 1467 B, the Ray Consolidated Copper  
Company owner of the millsites noted.

L O C A T I O N .

This claim is situated in Mineral Creek unorganized Mining District  
Pinal County, Arizona Territory. The lodes are located in the N.E.  
part of T. 3 S., R. 13 E., G. & S. R. B. & Mine. The millsites are  
situated in the N.E. Part of T. 4 S., R. 13 E. G. & S. R. B. & Mine. Uns.



## I N S T R U M E N T .

This survey was made with a W. & L. E. Gurley mining transit with solar attachment. The courses were deflected from the true meridian as determined by direct solar observations.

Distances were measured with a 300 ft. steel tape.

*H. V. Shuler*

U. S. Mineral Surveyor.

# POOR QUALITY

**The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.**

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Harry V. Wheeler

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 Ray

Consolidated Copper Company, known as the Monarch, Native Copper, Esperanza, <sup>Mine</sup> Mineral Creek and West Mineral Creek  
known as the Lode Claims and the Monarch, Native Copper, Esperanza, Mineral Creek  
and showing the respective capacities in which they acted. and West Mineral Creek Mill Sites.

- Ray M. Hickey ..... Chainman.
- John W. Mac Intyre ..... Chainman.
- ..... Axman.
- ..... Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Ray M. Hickey

and John W. Mac Intyre, do solemnly swear that we assisted Harry V.

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

the boundaries of the mining claim of Ray Consolidated Copper Company,  
known as the Monarch, Native Copper, Esperanza, <sup>Mine</sup> Mineral Creek  
and West Mineral Creek Lode Claims and the Monarch, Native  
Copper, Esperanza, Mineral Creek and West Mineral Creek  
known as the Mill Sites.

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

- Ray M. Hickey ..... Chainman.
- John W. Mac Intyre ..... Chainman.
- ..... Axman.
- ..... Flagman

Subscribed and sworn to by the above-named persons before me this 27

day of November, 1908

Eusebio W. Fuchs

Notary Public

My Commission expires Feb 2nd 1910

# FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Harry V. Wheeler, U. S. Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the United States  
Surveyor General for Arizona, dated  
August 5<sup>th</sup> 1908, 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 Bay Consolidated  
Copper Company, known as the  
Monarch, Native Copper, Espesman, <sup>Mine</sup> Mineral Creek, West Mineral Creek lode claim  
and the Monarch, Native Copper, Espesman, Mineral Creek, West Mineral Creek Hill Sites,  
situate in Mineral Creek Mining District,  
Pinal County, Arizona, in Section  
Approx, Township No. 34 N., Range No. 13 E., E. & S. R. B. & M. Unsur.  
and designated as Survey No. 2573 A & B, 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 to 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.

Harry V. Wheeler  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Harry V. Wheeler  
U. S. Mineral Surveyor, before me Walter Patten  
this 27<sup>th</sup>  
day of November, 1908

Walter Patten  
Walter Patten

*My commission expires  
Feb 24<sup>th</sup> 1910*

# Affidavit of Five Hundred Dollars Improvements.

We, John A. Prince, and Edgar M. Stewart

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Monarch, Native Copper, Eschwege <sup>Mine</sup> mining claim, King's Creek and West Missouri Creek situate in Yuma Mining district, Yuma County, Arizona Territory, for which Twenty

ha... made application for survey prior to application for patent under the provisions of the Act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant... and its grantor... exceed <sup>Twenty</sup> Five Hundred Dollars in value, and further that we are not personally interested in said mine.

John A. Prince  
Edgar M. Stewart

TERRITORY OF ARIZONA, }  
County of Yuma } ss:

Sworn to and subscribed before me, this 27<sup>th</sup> day of November, 1908



Ernest W. Fuchs  
Notary Public

69861500-2-03

My Commission expires  
Feb 24<sup>th</sup> 1910

AMENDED LOCATION CERTIFICATE.

LAW OF 1889.

Territory of Arizona.

County of Pinal. ss

Know all men by these presents;

That I, C. E. Taylor, the undersigned have this 20th day of January 1897, amended, located and claimed, and by these presents do amend, locate, and claim, by right of discovery and amended location in compliance with the mining acts of congress, approved May 10. 1872 and all subsequent acts, and with the general laws of the Territory of Arizona, and with local customs, laws and regulations 1500 linear feet and horizontal measurements on the MONARCH lode vein ledge or deposit, along the vein thereof, with all its dips, angles, and variations as allowed by law, together with 300 feet on each side of the middle of said vein at the surface so far as can be determined from present developments, and all veins, lodes, ledges or deposits and surface grounds within the lines of said claim,..... feet thence..... being situate upon said lode, vein, ledge or deposit and within the lines of said claim, in Mineral Creek Mining District County of Pinal, Territory of Arizona, described by metes and bounds as follows, to-wit:

Beginning at Cor. No. 1. whence U. S. Location monument No. 1 bears S. 34°. 50' E. 4485 feet.

Thence S. 15°.30' E. 300 feet to Cor. No. 2.

" S. 74°.30' W.1500 " " " " 3/

" N.15°.30' W 300 " " " " 4/

" E. " " " 300 " " " " 5.

" N 74°.30' E. 1500 " " " " 6.

" S 15°.30' E. 300 " " " " 1 place of beginning

to the place of beginning, this being the same lode originally located on the 13th day of November, 1879 and recorded on the 27th day of December 1879 in Book 3, page 53, in the office of the Recorder of Pinal County,

This further and amended Certificate of location is made without waiver of any previously acquired rights, but for the purpose of

correcting any errors in the original location description or record.

C. E. Taylor. (SEAL)

Said lode was discovered the 13th day of November, A. D. 1897,

Attest.....

Date of Amended Location January, 20th, 1897.

Date of amended certificate.....189.....

Filed and recorded at request of A. T. Colton, Feb, 8th, 1897,  
at 11 A. M.

F. A. Chamberlin. Recorder.....

Records of Mines. Book. 14 at pages. 509. 510.....

AMENDED LOCATION CERTIFICATE.

Law of 1889.

Territory of Arizona.

County of Pinal. ss.

KNOW ALL MEN BY THESE PRESENTS:

That I, C. E. Taylor, the undersigned, have this 20th day of January, 1897, amended, located and claimed, and by these presents do amend, locate and claim by right of discovery and amended location, in compliance with the mining acts of Congress, approved May 10th 1872, and all subsequent acts and with the general laws of the Territory of Arizona, and with the local customs, laws, and regulations 1500 linear feet and horizontal measurement on the NATIVE COPPER lode, vein, ledge or deposit, along the vein thereof, with all its dips, angles, and variations <sup>as</sup> allowed by law, together with 300 feet on each side of the middle of said vein at the surface so far as can be determined from present developments and all veins, lodes, ledges or deposits and surface ground within the lines of said claim.....feet thence..... being situate upon said lode, vein, ledge or deposit, and within the lines of said claim, in Mineral Creek Mining District, County of Pinal, Territory of Arizona, described by metes and bounds as follows, to-wit;

Beginning at Cor. No. 1. whence U. S. Location Monument No. 1 bears S. 34° . 30 ' E. 4485 feet.

Thence N... 15° . 30 ' W. 300 feet to Cor. No. 2.

- " N. 74° .50 ' E. 1500 " " " " 3.
- " S. 15° 50 ' E. 300 " " " " 4
- " " " " E 300 " " " " 5
- " S. 74° .30' W 1500 " " " " 6.
- " N. 15° .30' W 300 " " " " 1 place of

beginning.... to the place of beginning, this being the same lode originally located the 1st day of January, 1895, and recorded on the 11th day of January, 1895, in Book 15 at page 182, in the office of the Recorder of Pinal County.

This further and amended certificate of location is made without waiver of any previously required rights, but for the purpose of correcting any errors in the original location description



or record.

G. E. Taylor....(SEAL)

Said lode was discovered the 1st day of January, A. D. 1893,

Attest.....

Date of Amended Location, January, 20th, 1897.

Date of amended Certificate...189...

Filed and recorded at request of A. T. Colton, February, 8th,  
1897, at 11 A. M.

F. A. Chamberlin. Recorder.

Records of Mines....Book. 14 at pages. 510. 511.

1897

NOTICE.

I have this day located Fifteen Hundred feet on this vein or lode , together with Three Hundred feet on each side of this Notice. Commencing at a point One Hundred feet North East from this notice, running thence south west Fifteen Hundred feet. This claim shall be known as the ESPERANZA MINE. . This Notice is posted in a bunch or point of crop-pings standing upon edge from two to three feet out of the ground, and about one hundred feet from the edge of the bottom land on the right bank of Mineral Creek, about 3/4 of a mile below, where the trail from Picket Post crosses the Creek going towards the Monitor Mine, and about three Hundred feet west from a high rocky Bluff Stained with Copper and on the edge of the bottom land. about two hundred feet above the notice on the North West side is a small Gulch,

Mineral Creek. Pinal Co. A. T. Nov. 13th, 1879.

Wm. S. Tolls.

Filed and recorded at request of A. S. Mansfield. December 27th, 1879 at 2 O'Clock P. M.

Jno. J. Devine. Recorder.

B. D. F. Hodges Deputy.

Records of Mines. Book... 3 at pages. 537.

7 2

AMENDED LOCATION CERTIFICATE.

LAT OF 1889

Territory of Arizona.

County of Pinal. ss.

Know all men by these presents, That I C. E. Taylor, the under-  
 signed, have this 20th day of January, 1897, amended, located  
 and claimed and by these presents, locate, and claim, by right  
 of discovery and amended location in compliance with the mining  
 acts of Congress, approved May 10th 1872, and all subsequent  
 acts and with the general laws of the Territory of Arizona, and  
 with local customs; laws and regulations, 1500 linear and hor-  
 izontal measurements on the MINERAL CREEK lode, vein, ledge  
 or deposit; along the vein thereof, with all its dips, spurs,  
 angles, and variations as allowed by law, together with 300 feet  
 on each side of the middle of said vein at the surface, so far  
 as can be determined from present developments and all veins, lodes  
 ledges, or deposits and surface ground within the lines of said  
 claim.... feet thence.... being situate upon said lode, vein,  
 ledge or deposit and within the lines of said claim, in Mineral  
 Creek Mining District, County of Pinal, Territory of Arizona,  
 described by notes and bounds as follows, to-wit;

Beginning at Corner No. 1. whence U. S. Location Monument bears  
 S. 46°.. 15' E. 4250 feet.

- Thence N. 15° 30' W. 300 feet to Cor. No. 2.
- " N 74° 30' E 1500 " " " " 3.
- " S 15° 30' E 300 " " " " 4
- " " " " " " " " 5.
- " S 74° 30' W. 1500 " " " " 6
- " N. 15° 30' W 300 " " " " 1 place of beginning.

... to the place of beginning, this being the same lode originally  
 located on the 21st day of April, 1879, and recorded on the 21st  
 day of May, 1879 in Book 5, at page 512, in the office of the  
 County Recorder of Pinal County,

This further and amended certificate of location is made without  
 waiver of any previously acquired rights, but for the purpose of

*LA*

correcting any errors in the original location description or records,

C. E. Taylor. (SEAL)

Said lode was discovered on the 21st day of April, A. D. 1879

Attest.....

Date of Amended location , January 20th, 1879,

Date of Amended Certificate ...189...

. Filed and recorded at request of A. E. Colton, February, 8th  
1897, at 11 A. M.

F. A. Chamberlin. Recorder.

Records of Mines....Book. 14 at page. 512.

## Location Notice

Notice is hereby given, that the West Mineral Creek Mining Claim, containing mineral bearing quartz, earth or rock in place, located by the undersigned on the 15th day of September 1898, has been located for mining purposes.

Said claim is 1500 feet in length and we claim 300 feet on each side of the center of discovery shaft for full length of claim. The general course of the lode deposit or premises is East and West.

This claim is situated in Mineral Creek Mining District, Pinal County Arizona Territory, about 1200 feet in a West direction from Mineral Creek and is the West extension of the Mineral Creek Mine.

This claim is bounded and marked as follows, to-wit:

Beginning at the East center end post or monument, being fifty feet East of the center of the discovery shaft upon which the notice is posted: thence 300 feet in a South direction to a post or monument: thence 750 feet in a West direction to a post or monument at the center of the South side line of claim: thence 750 feet in a West direction to a post or monument: thence 300 feet in a North direction to a post or monument, being the center end post of monument of West end of claim and 1450 feet West from the center of discovery shaft: thence 300 feet in a North direction to a post or monument: thence 750 feet in a East direction to a post or monument being the center of the North side line of claim: thence 750 feet in a East direction to a post or monument: thence 300 feet in a South direction to the place of beginning.

Done under and by virtue of the laws of the United States, and the laws of the Territory of Arizona.

Witness:

D. F. McCallen

C. E. Taylor.

Locators

Filed and recorded at request of C. E. Taylor on the 29th., day of November, A. D. 1898, at 1 o'clock P. M.

o

F. A. Chamberlain, Recorder.  
By Thos G. Peyton, Deputy.

Recorded in book 15 of Mines at page 333.

## NOTICE OF MILL SITE CLAIM.

NOTICE IS HEREBY GIVEN:

That I, the undersigned, Selim M. Franklin, have on this 18th day of September, 1899, located five ( 5) acres of this Non- Mineral land as a Mill- Site to be known as the MONARCH Mill- Site, being situate in the Mineral Creek Mining District, Pinal County, Arizona, Territory, about six miles southerly from Ray Mine, and about two miles north westerly from Riverside, said Mill Site to be an appurtenant to the Monarch Mine, in said Mining District, and being more particularly described as follows:

Commencing at a stake, surrounded by a small mound of stones, at the South West corner of said Mill- Site, on which this notice is posted; thence northerly four hundred and sixty six and five tenths ( 466.5) feet, to a stake surrounded by a small mound of stones, thence easterly four hundred and sixty six and five tenths ( 466. 5 ) feet to a stake surrounded by a small mound of stones : thence southerly four hundred and sixty six and five tenths ( 466. 5) feet, to a stake surrounded by a small mound of stones, : thence westerly four hundred and sixty six and five tenths ( 466. 5) feet, to a stake surrounded by a small mound of stones, the place of beginning.

Dated on the ground this 18th day of September, 1899.

Selim M. Franklin.

Witness. Nat. L. Mayo.

Filed and recorded at the request of Selim M. Franklin, on the 25th day of September, A. D. 1899 at 10 O'Clock A. M.

F. A. Chamberlin, Recorder.

Miscellaneous Records..... Book, No. 6... at pages. 127 & 128

Location Notice  
of  
The Esperanza Mill Site Claim.

Know all men by these presents: That I, Selim M. Franklin, the undersigned have this day located a Mill site for the purpose of erecting suitable works for the reduction of the ores of the Esperanza Mining Claim, situated in the Mineral Creek Mining District Pinal County, Arizona Territory. The exterior boundaries of said Esperanza Mill Site Claim are as follows, viz:

Commencing at a monument of stones surrounding a stake at the Northeast corner of claim, and running thence in a westerly direction four hundred and sixty six and five tenths (466.5) feet to a stake surrounded by a mound of stones at the Northwest corner of claim: thence in a southerly direction four hundred and sixt six and five tenths (466.5) feet to a stake surrounded by a mound of stones at the Southwest corner of claim; thence in an easterly direction four hundred and sixty six and five tenths (466.5) feet to a stake surrounded by a mound of stones at the Southeast corner of claim; thence in a northerly direction four hundred and sixty six and five tenths (466.5) feet to a stake surround by a mound of stones at the Northeast corner of claim and place of beginning.

This location maybe more generally described as being situated about five(5) miles southerly from the Fay Mine and about two (2) miles North westerly from Riverside.

Dated on the ground this 1st., day of December 1899.

S. M. Franklin

WITNESSE

Jas Casble Jr

Filed and Recorded at request of S. M. Franklin on the 9th., day of February, A. D. 1900, at 9A.M.

F. A. Chamberlain, Recorder.

By Thos G. Peyton, Deputy.

Recorded in book 6 of Miscellaneous at page 274.

Location Notice  
of  
The Native Copper Mill Site Claim.

Know all men by these presents; That I, Selim M. Franklin, the undersigned have this day located a Mill site for the purpose of erecting suitable works for the reduction of the ores of the Native Copper Mining Claim, situated in the Mineral Creek Mining District Pinal County, Arizona Territory. The exterior boundaries of said Native Copper Mill Site claim are as follows, viz:

Commencing at a monument of stone surrounding a stake at the Northeast corner of claim; and running thence in a westerly direction four hundred and sixty six and five tenths (466.5) feet to a stake surrounded by a mound of stones at the Northwest corner of claim; thence in a southerly direction four hundred and sixty six and five tenths (466.5) feet to a stake surrounded by a mound of stones at the Southwest corner of claim; thence in an easterly direction four hundred and sixty six and five tenths (466.5) feet to a stake surrounded by a mound of stones at the South east corner of claim; thence in a northerly direction four hundred and sixty six and five tenths (466.5) feet to a stake surrounded by a mound of stones at the Northeast Corner of claim and place of beginning.

This location maybe more generally discribed as being <sup>situated</sup> ~~about~~ about five miles southerly from the Ray Mine, and about two (2) miles in ~~the~~ a North westerly direction from Riverside.

Dated on the ground this 15th., day of Dec., 1899.

Selim M. Franklin.

WITNESSES

Jas Gamble Jr.

Filed and Recorded at request of S. M. Franklin on the 19th., day of February, A. D. 1900, at 9 A.M.

F. A. Chamberlain, Recorder.

By Thos G. Peyton, Deputy.

Recorded in book 6 of Miscellaneous at page 278.



## NOTICE OF MILL- SITE CLAIM.

NOTICE IS HEREBY GIVEN THAT

I, Selim M. Franklin, have on this 18th day of September, 1899, located five ( 5) acres of this Non- Mineral land as a Mill- Site, to be known as the MINERAL CREEK Mill Site, being situate in the Mineral Creek Mining District, Pinal County, Arizona Territory, about six miles southerly from the Ray Mine, and about two miles north westerly from Riverside, said mill- site to be an appurtenant to the Mineral Creek Mine, in said Mining District and being more particularly described as follows :-

Commencing at a stake surrounded by a ~~monstrous~~ small mound of stones, at the Southwest corner of said Mill Site, on which this notice is posted; thence Northerly four hundred and sixty six and five tenths (466.5) feet, to a stake surrounded by a small mound of stones; thence easterly four hundred and sixty six and five tenths (466.5) feet, to a stake surrounded by a small mound of stones; thence southerly four hundred and sixty six and five tenths (466.5) feet, to a stake surrounded by a small mound of stones; thence westerly four hundred and sixty six and five tenths (466.5) feet, to a stake surrounded by a small mound of stones, the place of beginning.

Dated on the ground this 18th day of September, 1899.

Selim M. Franklin.

Witness

Nat. L. Mayo.

Filed and recorded at request of Selim M. Franklin, on the 25th., day of September, A. D., 1899, at 10 o'clock A. M.

F. A. Chamberlain.

Recorder.

Recorded in book 6 of Miscellaneous at page 128.

## NOTICE OF MILL SITE CLAIM.

Notice is hereby given, that I, the undersigned, Selim M. Franklin have on this 18th day of September, 1899, located five (5) acres of this non-mineral land as a Mill Site, to be known as the West Mineral Creek Mill Site, being situate in Mineral Creek Mining District Pinal County, Arizona Territory, about six miles southerly from the Ray Mine, and about two miles northwesterly from Riverside, said Mill Site to be an appurtenant of the West Mineral Creek Mining, in said Mining District, and being more particularly described as follows:-

Commencing at a stake surrounded by a small mound of stones at the Southwest corner of said Mill Site, on which this notice is posted; thence northerly four hundred and sixty six and five tenths (466.5) feet, to a stake surrounded by a small mound of stones; thence easterly four hundred and sixty six and five tenths (466.5) feet, to a stake surrounded by a small mound of stones; thence southerly four hundred and sixty six and five tenths (466.5) feet, to a stake surrounded by a small mound of stones; ~~thence southerly four hundred and sixty six and five tenths (466.5) feet, to a stake surrounded by a small mound of stones;~~ thence westerly four hundred and sixty six and five tenths (466.5) feet, to a stake surrounded by a small mound of stones, the place of beginning.

Dated on the ground this 18th day of September, 1899.

Selim M. Franklin.

Witness

Nat L. Mayo.

Filed and recorded at request of Selim. M. Franklin on this 25th., day of September A. D. 1899. at 10 A. M.

F. A. Chamberlain,

Recorder.

Recorded in book 6 of Miscellaneous at page 162.

Territory of Arizona, )  
 County of Pinal. ) ss.

I, G. F. Watson, County Recorder in and for the County of Pinal, Territory of Arizona, do hereby certify that the foregoing Location Notices of the Native Copper Lode and Mill-site, Monarch Lode and Mill-site, Esperanza Lode and Mill-site, Mineral Creek Lode and Mill-site and the West Mineral Creek Lode and Mill-site claims are full, true and correct copies of the same as they appear of record in this office in Books No's 3, <sup>13</sup>14 & 15 Records of Mines at pages 182, 510, 537, 509, 537, 312, 512, & 333; and in Book No. 6 of Miscellaneous Records pages 278, 127, 274, 128 & 162.

Witness my hand and seal of office, this 28th day of July,  
 A. D. 1908.

*G. F. Watson*.....  
 Recorder.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

March 3, 1909.

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

Ray Consolidated Copner Company known as the Monarch, Native Copper, Esperanza Mine, Mineral Creek, and West Mineral Creek Lode Claims, and Monarch, Native Copper, Esperanza, Mineral Creek and West Mineral Creek Millsites. situate in Mineral Creek

Mining District, Pinal County, Arizona & M., Unsur.

in Section Approx., Township No. 3 and 4 S., Range No. 13 E., G. & S. R. E., and designated as Survey No. 2573 A. & B., 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 not less than five hundred dollars' worth of labor has been expended or improvements made upon each of said mining claim by claimant or its grantors, and that said improvements consist of 28 shafts, 9 tunnels, 7 cuts, 1 winze, 1 crosscut and 12 drill holes, total value \$18,840.

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.

4-687.

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 3, 1909.

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 Ray Consolidated Copper Company

known as the  
Monarch, Native Copper, Esperanza Mine, Mineral Creek and West  
Mineral Creek Lode Claims, and Monarch, Native Copper, Esperanza,  
Mineral Creek & West Mineral Creek Millsites.

situate in Mineral Creek mining district,

Pinal County, Arizona

in Section Approx., Township No. 3 & 4 S., Range No. 13 E., G. & S. R.

B. & M. Uns., designated as Survey No. 2573 A & B.

executed by Harry V. Wheeler, U. S. Deputy Mineral

Surveyor, Nov. 23-27, 1908, under my instructions dated

Aug. 5th, 1908, 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. Lyman*

U. S. Surveyor-General for Arizona

Large  
Map