

MINERAL SURVEY No. 4168Arizona *Land District*AMENDED**FIELD NOTES**

OF THE SURVEY OF THE MINING CLAIM OF

Western Copper and Mining Company

KNOWN AS THE

Minnesota, Novo No. 1, Novo No. 2, Novo No. 4, Novo No. 5, Novo
 No. 6, Novo No. 7, Novo No. 8, Novo No. 9, Novo No. 11, Novo No.
 12, Novo No. 13, Novo No. 14, Novo No. 16, Novo No. 17, Novo No.
 18, Novo No. 19, Detroit No. 1, Detroit No. 5, Detroit No. 6,
 Detroit No. 8, Detroit No. 10, Detroit No. 11, *Mining District,*
 Detroit No. 12, and Detroit No. 13 - Greenlee Gold Mountain

Greenlee *County,* Arizona

Sections 10, 11, 14, 15, Township 4 S., Range 29 E.
G. & S.R.B. & M.

Surveyed under instructions dated August 12, 1933.

By Ralph L. Motz
U. S. Mineral Surveyor.

Claim located Minnesota - Oct. 7, 1930

Survey commenced November 16, 1933

Survey completed December 14, 1933

Address of claimant's Attorney, Cleon T. Knapp
Consol. Nat. Bank Bldg.
Tucson, Arizona

DATES OF AMENDED LOCATIONS

February 4, 5, 6, 7, 20, 23, 24, 25, 1931

March 3, 13, 14, 16, 23, 1931

AMENDED FIELD NOTES
MINERAL SURVEY No. 4168

99

1.

Feet

By authority of the Commissioner of the General Land Office the Mineral Entry of the Western Copper and Mining Company, Phoenix Serial No. 075061, for land in sections 10, 11, 14 and 15, Township 4 South, Range 29 East, of the G. & S.R.B. & M., Arizona, embraced in Mineral Survey No. 4168, has been ordered amended to exclude the portions thereof which invade Lot No. 4 and the $SE\frac{1}{4}SE\frac{1}{4}$ of section 15 according to the plat of said township approved June 7, 1923, and the supplemental plat of sections 1, 2, 3, 10, 11, 12, 13, 14 and 15 of said township, approved same date.

The lode claims of this mineral survey affected by said exclusion are the Detroit No. 1 and Detroit No. 12 lodes which invade said Lot No. 4, and the Detroit No. 11 lode invading the $SE\frac{1}{4}SE\frac{1}{4}$ of section 15.

Pursuant to instructions contained in the Commissioner's letter "N" dated June 20, 1935, the following amended field notes have been prepared for the purpose of providing a correct description of the boundaries of the excluded portions of this mineral survey.

These notes are based upon the official record of this and approved Mineral Surveys Nos. 4107 and 4177, and of the public land survey of the subdivision lines of said township approved June 7, 1923 and accepted December 10, 1923, and all courses and distances recorded in these amended field notes are either taken direct from said official records, or are accurately computed therefrom.

DETROIT NO. 1

Beginning at Cor. No. 1 of the Detroit No. 1 lode

Identical with Cor. No. 2 of the No. 17 lode and situated on line 3-4 of Detroit No. 12 lode of this survey, from which

The $\frac{1}{4}$ Cor. between Secs. 14 and 15, T. 4 S., R. 29 E., G. & S.R.B. & M., previously described, bears S. $87^{\circ} 05'$ E. 1098.4 ft.

Thence S. $52^{\circ} 53'$ W.

279.44 Intersect the E. line of Lot No. 4 of section 15, T. 4 S., R. 29 E., or meridional sixteenth line of the $SE\frac{1}{4}$ of said section at a point 112.8 ft. south from the NE. cor. of said Lot No. 4 or point for sixteenth section cor. of the NE. and SE. quarters of section 15.

306.80 Original location for the south end center, being a mound of rocks 3 feet high with 3 feet base.

469.60 East edge of Coronado Trail

472.60 Cor. No. 3 of the Detroit No. 12 lode of this survey

482.30 West edge of the Coronado Trail.

563.00 Center of Chase Creek, 40 feet wide, course southerly.

613.60 (334.16 ft. S. $52^{\circ} 53'$ W. from point of intersection of line 1-2 of Detroit No. 1 lode with the E. line of Lot No. 4)

Cor. No. 2

Set a granite rock, 26x8x7 inches, 16 inches in the ground for Cor. No. 2, marked D1-2-4168; from which

100

2.

Feet	
	<p>A monument of rocks, 3 feet high with 3 feet base bears N. 52° 53' E. 4.0 ft.</p> <p>A granite ledge, 34x34 inches, 129 inches above the ground, bears S. 05° 34' E. 76.3 ft., marked BR X D1-2-4168.</p> <p>A granite rock in place, 14x45 inches, 35 inches above ground, bears N. 76° 37' W. 46.5 ft., marked BR X D1-2-4168</p> <p style="text-align: center;">Thence N. 25° 00' W.</p>
108.00	Center of Chase Creek, 40 feet wide, course southeasterly.
134.00	Center of Coronado Trail, road, 15 feet wide, bears southeasterly.
346.94	Cor. No. 2, Sur. No. 4177, Arrowhead lode, on N. line of Lot No. 4 and latitudinal quarter line of section 15, described in the official record of Min. Sur. No. 4177. From this cor. the NE. cor. of Lot No. 4 bears East 413.07 ft. distant and the 1/4 sec. cor. of secs. 14 and 15 bears East 1733.07 ft. dist.
531.87	Intersect east side line of unsurveyed Arrowhead lode at S. 30° 04' W. 271.51 ft. from the northeast corner.
807.00	Intersect north end line of unsurveyed Arrowhead lode at N. 86° 48' W. 252.65 ft. from the northeast corner.
872.40	Intersect line 2-3 of the Novo No. 14 lode of this survey at S. 63° 18' W. 289.72 ft. from Cor. No. 2 thereof, and also intersect line 4-1 of Sur. No. 4177 Arrowhead lode, at 268.04 ft. East from Cor. No. 4 thereof.
1047.52	<p>Cor. No. 3</p> <p>Set a porphyry rock, 25x10x8 inches, 16 inches in the ground for Cor. No. 3, marked D1-3-4168; from which</p> <p>A monument of rocks 3 feet high with 3 feet base bears N. 25° 00' W. 4.6 ft.</p> <p>A porphyry rock in place, 84x85 inches, 37 inches above ground, bears S. 10° 27' E. 75.65 ft., marked BR X D1-3-4168</p> <p>A porphyry rock in place, 21x31 inches, 28 inches above ground, bears N. 51° 35' W. 33.4 ft., marked BR X D1-3-4168</p> <p>Original location for the northwest corner, being a pine post 4 feet long, 4 inches square, set 10 inches in the ground to bedrock, in a mound of rocks bears N. 25° 00' W. 452.48 ft.</p> <p style="text-align: center;">Thence N. 52° 53' E.</p>
154.50	Intersect line 1-2 of the Novo No. 13 lode of this survey at S. 78° 27' W. 461.53 ft. from Cor. No. 1; also intersect line 1-2 of the Novo No. 14 lode of this survey at N. 59° 51' W. 242.44 ft. from Cor. No. 2
306.80	North end center, being a mound of rocks 3 feet high with 3 feet base, from which the original location for the north end center, being a mound of rocks 3 feet high with 3 feet base bears N. 25° 00' W. 452.48 ft.
613.60	Cor. No. 4

Feet	
	<p>Situated on line 3-4 of the Novo No. 12 lode of this survey</p> <p>Set a quartzite rock 24x8x8 inches, 16 inches in the ground for Cor. No. 4, marked D1-4-4168; from which</p> <p>A monument of rocks 3 feet high with 3 feet base bears S. 25° 00' E. 4.0 ft.</p> <p>The original location for the northeast corner, being a pine post, 4 feet long, 4 inches square set 14 inches in the ground to bedrock, in a mound of rocks, bears N. 25° 00' W. 452.48 ft.</p> <p>A quartzite ledge, 60x77 inches, 52 inches above ground, bears S. 74° 39' W. 48.05 ft., marked BR X D1-4-4168</p> <p>A quartzite ledge, 26x32 inches, 61 inches above ground, bears S. 85° 14' E. 23.5 ft., marked BR X D1-4-4168</p> <p style="text-align: center;">Thence S. 25° 00' E.</p>
127.12	West end center of the Novo No. 12 lode of this survey
203.72	Cor. No. 1 of the Novo No. 13 lode of this survey
433.92	Cors. Nos. 3 of the Novo No. 12 and the Novo No. 17 lodes, both of this survey, respectively
740.72	West end center of the Novo No. 17 lode of this survey.
1047.52	Cor. No. 1 and place of beginning.

<u>DETROIT NO. 12</u>	
	<p>Beginning at Cor. No. 1 of the Detroit No. 12 lode</p> <p>Identical with Cor. No. 1 of the Detroit No. 13 lode of this survey and situated on line 1-2 of the Detroit No. 5 lode of this survey; where I</p> <p>Set a granite rock 26x11x8 inches, 16 inches in the ground, for Cor. No. 1, marked D12-1-4168; D13-1-4168; from which</p> <p>The 1/4 Cor. between Secs. 14 and 15, T. 4 S., R. 29 E., G. & S.R.B. & M., previously described, bears S. 14° 03' E. 115.8 ft.</p> <p>A pine post, 4 feet long 4 inches square, set 18 inches in the ground in a mound of rocks, bears S. 52° 53' W. 3.5 ft.</p> <p>A porphyry ledge, 19x19 inches, 20 inches above the ground, bears N. 13° 58' E. 4.9 ft. marked BR X D12-1-4168</p> <p>A porphyry ledge 10x16 inches, 8 inches above the ground, bears S. 41° 15' E. 13.6 ft.; marked BR X D12-1-4168</p> <p style="text-align: center;">Thence S. 52° 53' W.</p>
1294.00	Cor. No. 4 of the Detroit No. 13 lode of this survey also center of Coronado Trail, road, 15 feet wide bears southeasterly.

102

4.

Feet	
1315.34	Witness for Cor. No. 2
	A granite rock in place, 29x38 inches, 30 inches above ground, marked WC X D12-2-4168
1329.00	East bank of Chase Creek.
1359.00	Cor. No. 2
	Situating in center of Chase Creek, 60 feet wide, course southeasterly, where a permanent monument can not be established; from this point
	The original location for the southwest corner, being a pine post 4 feet long, 4 inches square, set 18 inches in the ground in a mound of rocks, bears S. 52° 53' W. 141.0 ft.
	A granite ledge, 53x93 inches, 75 inches above the ground, bears N. 78° 53' E. 67.4 ft. marked BR X D12-2-4168
	A granite ledge, 20x48 inches, 61 inches above the ground, bears N. 20° 11' W. 68.0 ft., marked BR X D12-2-4168
	Thence N. 37° 07' W.
114.00	Cross Coronado Trail, road 15 feet wide, bears southeasterly.
300.00	West end center, being a mound of rocks, 3 feet high with 3 feet base, from which the original location for the west end center, being a mound of rocks, 3 feet high with 3 feet base, bears S. 52° 53' W. 141.0 ft.
344.77	Intersect the E. line of Lot No. 4 of section 15, or meridional sixteenth line of the SE $\frac{1}{4}$ of said section at a point 432.88 ft. south from the NE. cor. of Lot No. 4 or point for the sixteenth section cor. of the NE. and SE. quarters of section 15.
600.00	(255.23 ft. N. 37° 07' W. from point of intersection of line 2-3 of Detroit No. 12 lode with the E. line of Lot No. 4)
	Cor. No. 3
	Situating on line 1-2 of the Detroit No. 1 lode of this survey, and on the Coronado Trail, a road, where a permanent monument can not be established, an iron pin, 1 inch diameter, 18 inches long driven in flush with the surface of the road for Cor. No. 3; from this point
	Original location for the northwest corner, identical with Cor. No. 2 of the Detroit No. 1 lode of this survey, bears S. 52° 53' W. 141.0 ft.
	A granite ledge, 60x82 inches, 66 inches above the ground, bears N. 37° 07' W. 58.85 ft., marked BR X D12-3-4168
	A granite ledge, 34x62 inches, 148 inches above the ground, bears S. 37° 07' E. 55.90 ft., marked BR X D12-3-4168
	A monument of rocks 3 feet high with 3 feet base bears N. 52° 53' E. 17.8 ft.
	Thence N. 52° 53' E.

Feet	
3.00	East edge of Coronado trail, road, 15 feet wide, bears southeasterly.
4.37	Witness for Cor. No. 3 A granite ledge, 26x49 inches, 86 inches high above the ground, marked WC X on top for exact point, D12-3-4168 on face facing road
165.80	South end center of the Detroit No. 1 lode of this survey
193.16	Intersect E. line of Lot No. 4 of section 15, or meridional sixteenth line of the SE $\frac{1}{4}$ of said section, at a point 112.8 ft. south from the NE. cor. of Lot No. 4 or point for the sixteenth section cor. of the NE. and SE. quarters of section 15. From this point of intersection the point of intersection of line 2-3 of the Detroit No. 12 lode with the E. line of Lot No. 4 bears south, 320.08 ft. distant.
472.60	Cor. No. 1 of the Detroit No. 1 lode of this survey and Cor. No. 2 of the Novo No. 17 lode of this survey
1359.00	Cor. No. 4 Identical with Cor. No. 2 of the Detroit No. 5 lode and situated on line 1-2 of Novo No. 17 lode of this survey.
	Thence S. 37° 07' E.
300.00	Original location for the east end center, being a mound of rocks 3 feet high with 3 feet base
600.00	Cor. No. 1 and place of beginning.
	----- <u>DETROIT No. 11</u>
	Beginning at Cor. No. 1 of the Detroit No. 11 lode
	Identical with Cors. Nos. 1 of the Detroit No. 5 and Detroit No. 10 and Cor. No. 2 of Detroit No. 13 lodes, all of this survey.
	Thence S. 37° 07' E.
300.00	East end center, identical with location and with the west end center of the Detroit No. 10 lode of this survey.
600.00	Cor. No. 2 Identical with Cor. No. 4 of the Detroit No. 10 lode of this survey and situated on line 2-3 of Detroit No. 15 lode of Survey No. 4167
	Thence S. 52° 53' W.
888.97	Intersect the section line between sections 14 and 15, at a point from which the NE. cor. of the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of section 15, or point for sixteenth section cor. of the SW $\frac{1}{4}$ of section 14 and SE $\frac{1}{4}$ of section 15, bears north 56.22 ft. distant.
1055.20	Cor. No. 2 of the Detroit No. 15 lode, Survey No. 4167.

Feet	
1294.00	(405.03 ft. S. 52° 53' W. from point of intersection of line 2-3 of Detroit No. 11 lode with the section line between sections 14 and 15) Cor. No. 3. Set a sandstone rock 25x7x5 inches, 17 inches in the ground, for Cor. No. 3, marked D11-3-4158; from which A monument of rocks 3 feet high with 3 feet base bears N. 52° 53' E. 4.7 ft. The original location for the southwest corner being a pine post, 4 feet long, 4 inches square, set on bed rock, in a mound of rocks, bears S. 52° 53' W. 206.0 ft. Thence N. 37° 07' W.
300.00	West end center, being a mound of rocks 3 feet high with 3 feet base, from which the original location for the west end center, being a mound of rocks 3 feet high with 3 feet base bears S. 52° 53' W. 206.0 ft.
377.51	Intersect the N. line of the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of section 15, or latitudinal sixteenth line of the SE $\frac{1}{4}$ of said section, at a point from which the sixteenth section cor. of SW $\frac{1}{4}$ of section 14 and SE $\frac{1}{4}$ of section 15, or NE. cor. of the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of section 15, bears S. 89° 57' 30" E., 550.78 ft. distant.
450.00	Center of Coronado Trail, bears southerly.
600.00	Cor. No. 4 Identical with Cor. No. 3 of the Detroit No. 13 lode of this survey Thence N. 52° 53' E.
38.20	Witness for Cor. No. 4 Identical with witness for Cor. No. 3 of the Detroit No. 13 lode of this survey
58.00	Center of Coronado trail, a road, 15 feet wide, bears southerly.
1294.00	Cor. No. 1 and place of beginning.

AREAS

	acres
Total area - Novo No. 19 lode - - - - -	20.659
Total area - Novo No. 2 lode - - - - -	20.659
Total area - Novo No. 1 lode - - - - -	20.659
Total area - Novo No. 9 lode - - - - -	20.659
Total area - Novo No. 11 lode - - - - -	20.659
Total area - Novo No. 18 lode - - - - -	20.659
Total area - Detroit No. 6 lode - - - - -	20.659

	acres
Total area - Detroit No. 8 lode - - - - -	20.659
Total area - Detroit No. 10 lode - - - - -	20.661
Total area - Novo No. 4 lode - - - - -	20.659
Total area - Novo No. 6 lode - - - - -	20.659
Area in conflict with Survey No. 2974 - King Bolt lode - - - - -	0.049
Total area - Novo No. 8 lode - - - - -	20.367
Area in conflict with Survey No. 2974 King Bolt lode - - - - -	0.181
Survey No. 3012 Chulo Visto lode - - - - -	1.259
Survey No. 3012 Chulo Visto lode, exclusive of its conflict with Survey No. 2974 King Bolt lode - - - - -	1.171
Total area - Novo No. 7 lode - - - - -	20.659
Area in conflict with Survey No. 3012 Chulo Visto lode - - - - -	2.260
Total area - Novo No. 12 lode - - - - -	20.659
Total area - Novo No. 17 lode - - - - -	20.659
Total area - Detroit No. 5 lode - - - - -	13.355
Total area - Detroit No. 11 lode - - - - -	17.824
Area in conflict with SE $\frac{1}{4}$ SE $\frac{1}{4}$ of section 15, T. 4 S., R. 29 E. - - - - -	2.110
Total area - Detroit No. 12 lode - - - - -	18.719
Area in conflict with Lot No. 4 of section 15, T. 4 S., R. 29 E. - - - - -	0.566
Total area - Detroit No. 13 lode - - - - -	17.824
Total area - Minnesota lode - - - - -	4.171
Area in conflict with Survey No. 2709 Copper Slide lode - - - - -	0.184
Survey No. 2709 - Magestral No. 2 lode - - - - -	1.110
Novo No. 4 lode, this survey - - - - -	1.670
Novo No. 5 lode, this survey - - - - -	0.191
Total area, Novo No. 5 lode - - - - -	15.607
Area in conflict with Survey No. 2709, Magestral No. 2 lode - - - - -	6.597
Total area, Novo No. 16 lode - - - - -	17.491
Area in conflict with Survey No. 2887, Utah lode - - - - -	0.000

Survey No. 3012, Chulo Visto lode - - - - -	-5.941
Total area, Novo No. 13 lode - - - - -	18.848
Area in conflict with	
Survey No. 2887, Ajax lode - - - - -	0.001
Survey No. 3012, Chulo Visto lode - - - - -	0.071
Total area- Novo No. 14 lode - - - - -	20.556
Area in conflict with	
Novo No. 16 lode, this survey - - - - -	1.399
Novo No. 13 lode, this survey - - - - -	8.842
Total area - Detroit No. 1 lode - - - - -	
14.427	
Area in conflict with	
Lot No. 4 of section 15, T. 4 S., R. 29 E. - -	1.836
Novo No. 13 lode, this survey - - - - -	1.050
Novo No. 14 lode, this survey - - - - -	0.979

AMENDED
**CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
PUBLIC SURVEY OFFICE

At Phoenix, Arizona

July 1, 1935

I, Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the foregoing and hereto attached Amended Field Notes ~~and Return~~ of the Survey of the Mining Claim of Western Copper and Mining Co. have been prepared in compliance with instructions from the Commissioner of the General Land Office dated June 20, 1935 (Phoenix 075061 "N" MAS) and that said Amended Field Notes of the Detroit No. 1, Detroit No. 12 and Detroit No. 11, lode claims situate in Greenlee Gold Mountain mining district, Greenlee County Arizona

in Section s 14 and 15, Township No. 4 S., Range No. 29 E. G. & S.R.B. & M. designated as Survey No. 4168

executed by Ralph L. Motz, U. S. Mineral Surveyor, November 16th to December 14th, 1933, under my instructions dated August 12th, 1933, have been critically examined and the necessary

Amended 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.~~

Sherman C. Fiske
Acting Office Cadastral Engineer.