

*Plotted
12/22/09*

1
OCT. 27. 1909

4-683.

MINERAL SURVEY No. 2687

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

CALUMET & ARIZONA MINING CO.

KNOWN AS THE

GERMANIA MINE

TURQUOISE Mining District,

COCHISE County, TERRITORY OF ARIZONA

Section approx., Township 19 S., Range 25 E.G. & S.R. B
& M. Unsurveyed

Surveyed under instructions dated June 30, 1909, 19

by Franklin W. Smith,
U. S. Mineral Surveyor.

Claim located See location notice., 19

Survey commenced September 2 nd., 1909.

Survey completed September 3 rd., 1909.

6-822

Address of claimants attorney,
J. M. O'Connell, Bisbee, Arizona.

MINERAL SURVEY NO. 2687

Germania Mine lode.

Beginning at Cor. No. 1, the N.E.Cor., identical with Cor. No. 1 Sur. NO. 2688 Germania No. 1. lode, a pine post 4 ft. long 4 ins. sq. set 18 ins. in the ground in a mound of stones and scribed 1-2687 G.M.L., a granite rock in place 27 x 24 x 12 ins. high chiselled B.R. 1-2687 brs. S 26° W 45.7 ft., and Cor. No. 1 Sur. No.2587 Maid of Sunshine lode brs. N 49° 53' E 5.8 ft. Original location for Cor. No. 1 brs. N 49° 53' E 5.8 ft. and U. S. L. M. No. 1319 brs N 55° 41' W 1507.1 ft.

Thence S 39°28' E

- 122.3 intersect wagon road.
- 156.7 same brg. intersect wagon road and railroad tracks.
- 1009.0 same brg. intersect wagon road.
- 1102.0 same brg. intersect wagon road.
- 1185.0 same brg. intersect wagon road.
- 1354.5 same brg. intersect building.
- 1379.0 same brg. intersect wagon road.
- 1409.6 same brg. intersect building.
- 1461.9 same brg. intersect building.
- 1479.04 same brg. to point of location for Cor. No. 4 Sur. No. 2688 Germania No. 1. lode.
- 1493.8 same brg. to witness corner for Cor. No. 4 Sur. No.2688 Germania No. 1. lode.
- 1500.0 same brg. to Cor. No. 2, the N.E.Cor., a pine post 4 ft. long 4 ins. sq. set 18 ins. in the ground in a mound of stones and scribed 2-2687 G.M.L., whence a pine post of same dimensions and scribed B.P. 2-2687 brs. N 39° 28' W 6.2 ft. and S.E.Cor. of Citizens Bank & Trust Cos. building Brs. N 18° 15' W 5.2 ft. and original location for Cor. No. 2 brs. N 87° 28' E 2.5 ft.
- 19.46 intersect line 12 Nineteen Hundred Seven No. 2 lode, Sur. No. 2625, at S. 54° 27' W. 21.98 ft. from Cor. No. 2.
- 63.3 same brg. intersect building 21.8 ft. from the N.E.Cor. of said building.

270.0 same brg. intersect wagon road.

300.0 same brg. to location for S.E.C. being a monument of stones 3 ft. high with a 3 ft. base.

34e.1 same brg. intersect building.

599.7 same brg. to the intersection of line 2-3 Sur. No. 2549 Nineteen Hundred Seven lode at S 35° 09' E 1505.5 ft. from Cor. No. 2.

600.0 same brg. to Cor. NO.3, the S.W.Cor., a pine post 4 ft. long long 4 ins. sq. set 18 ins. in the ground in a mound of stones and scribed 3-2687 G.M.L., whence a limestone ledge 48 x 24 x 28 ins. high chiselled X BR 3-2687 brs. S 11° 14' E 9.6 ft. and a second limestone ledge 44 x 18 x 12 ins. high with same scribing brs. N 59° 32' W 7.4 ft. and original location for Cor. No. 3 brs. S 39° 28' E 2.5 ft., the location corner being identical with Cor. No. 3 Sur. No. 2549 Nineteen Hundred Seven lode.

46.33 intersect line 1-2 Nineteen Hundred Seven No.2 lode, Sur. No. 2625, at S 54° 27' W. 581.86 ft. from Cor. No. 2
 1500.0 to Cor. No. 4, the N. W. Cor., identical with location, a pine post 4 ft. long 4 ins. sq set 18 ins. in the ground in a mound of stones and scribed 4-2687 G.M.L., whence a limestone rock in place 22 x 12 x 12 ins. high chiselled X BR 4-2687 brs. S 80° E 16.1 ft. and a second limestone rock in place 14 x 14 x 8 ins. high with same scribing brs, S 36° 18' W 15.4 ft.

Thence N 49° 53' E

113.6 to Cor. No. 2 Sur. No. 2549 Nineteen Hundred Seven lode, and Cor. No. 3, Sur. No. 1970 Hard Up lode.

300.0 same brg. to location for N.E.C. being a monument of stones 3 ft. high with a 3 ft. base.

413.9 same brg. to Cor. No. 4, Sur. No. 1970 Hard Up lode and a corner of Mc Kean lode unsurveyed.

468.4 same brg. intersect wagon road.

488.4 same brg. intersect railroad tracks.

600.0 same brg. to Cor. No. 1 the place of the beginning.

Germania Mine lode

LEDGE

The presumed course of the vein on this claim is from the S.E.C. location N 39° 28' W 1500.0 ft.

AREAS

Total ~~and net~~ area of Germania Mine 20.660a.
 Area in conflict with Sur. No. 2549 Nineteen Hundred Seven lode is 1.961 acres.
 Area in conflict with Nineteen Hundred Seven lode, Sur. No. 2625, 0.309 acres.

Common conflict with Nineteen Hundred Seven lode, Sur. No. 2549, and Nineteen Hundred Seven No. 2 lode, Sur. No. 2625, 0.002 acres.

IMPROVEMENTS

I hereby certify that the value of the labor and improvements placed thereon by the claimant or its grantors is not less than \$500.00 and that said improvements are as follows;

No. 1. Discovery shaft 5 x 6 x 15 ft. deep brs. from S.E.C location N 39° 28' W 600 ft.	Value	\$100.00
No. 2. Shaft 5 x 8 x 28 ft. deep brs. from Cor. No. 3 N 5° 51' W 641 ft.	Value	\$280.00
No. 3. Shaft 4 x 6 x 22 ft. deep brs. from same point N 3° 7' W 625 ft.	Value	\$180.00
No. 4. Shaft 5 x 8 x 32 ft. deep brs. from same point N 1° 8' W 767 ft.	Value	\$320.00
No. 5. Shaft 4 x 6 x 28 ft. deep brs. from same point N 0° 1' E 841 ft.	Value	\$280.00
No. 6. Shaft 4 x 6 x 10 ft. deep brs. from same point N 0° 58' E 830 ft.	Value	\$ 50.00
No. 7. Shaft 4 x 6 x 10 ft. deep brs. from same point N 0° 59' E 819 ft.	Value	\$ 50.00
No. 8. Shaft 4 x 6 x 12 ft. deep brs. from same point N 2° 8' E 654 ft.	Value	\$ 55.00
No. 9. Shaft 5 x 7 x 55 ft. deep with drift at bottom 4 x 6 x 40 ft. long running S 40° E the mouth of shaft brs. from Cor. No. 3 N 5° 16' E 596 ft. Value of shaft \$1100.00 drift \$200.00	Value	\$1300.00
No. 10. Shaft 6 x 7 x 12 ft. deep brs. from Cor. No. 4 N 88° 46' E 246 ft.	Value	\$ 60.00
No. 11. Shaft 10 x 10 x 8 ft. deep with 45° incline shaft 4 x 6 x 35 ft running northwesterly and second incline shaft 4 x 6 x 40 ft running southeasterly, brs. from same point S 57° 49' E 593 ft.	Value	\$800.00
No. 12. Shaft 5 x 8 x 31 ft. deep with drift at bottom 4 x 4 x 8 ft. long running southerly the mouth of shaft brs. from Cor. No. 4 S 41 29' E 389 ft.	Value	\$500.00
Total value of improvements		\$3975.00

OTHER IMPROVEMENTS.

- No. 10A. Frame house, the S.W. Cor. of which brs. from Cor. No. 3., N 44° 43' E 163 ft.
- No. 11A. Frame house, the S.W. Cor. of which brs. from Cor. No. 3., N 49° 53' E 234 ft.
- No. 12A. Frame house, the SWCOR. of which brs. from Cor. No. 3., N 49° 53' E 369 ft.
- No. 13. Frame house, the N.E. Cor. of which brs. from Cor. No. 2., S 22° 37' W 2.2 ft.
- No. 14. Frame house, the S.E. Cor. of which brs. from Cor. No. 2., N 19° 37' W 5.4 ft.
- No. 15. Frame house, the S.E. Cor. of which brs. from Cor. No. 2., S 74° 34' W 248 ft.
- No. 16. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 39° 27' W 112 ft.
- No. 17. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 47° 41' W 155 ft.
- No. 18. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 47° 41' W 218 ft.
- No. 19. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 52° 11' W 143 ft.
- No. 20. Frame house, the S.E. Cor. of which brs. from Cor. No. 2., N 52° 11' W 202 ft.
- No. 21. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 52° 11' W 406 ft.
- No. 22. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 56° 12' W 186 ft.
- No. 23. Tent house, the S. E. Cor. of which brs. from Cor. No. 2., N 56° 12' W 305 ft.
- No. 24. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 61° 17' W 276 ft.
- No. 25. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 65° 09' W 265 ft.
- No. 26. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 69° 19' W 254 ft.
- No. 27. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 69° 25' W 389 ft.
- No. 28. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 72° 45' W 246 ft.
- No. 29. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 72° 49' W 324 ft.
- No. 30. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 72° 50' W 339 ft.
- No. 31. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 72° 53' W 428 ft.
- No. 32. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 72° 59' W 519 ft.
- No. 33. Tent house, the S. E. Cor. of which brs. from Cor. No. 2., N 82° 25' W 311 ft.
- No. 34. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 82° 30' W 419 ft.
- No. 35. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 88° 33' W 231 ft.
- No. 36. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., N 88° 42' W 311 ft.
- No. 37. Frame house, the S. E. Cor. of which brs. from Cor. No. 2., N 88° 02' W 372 ft.
- No. 38. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., S 82° 10' W 352 ft.
- No. 39. Tent house, the S.E. Cor. of which brs. from Cor. No. 2., S 73° 52' W 360 ft.
- No. 40. Tent house, the N.E. Cor. of which brs. from Cor. No. 2., S 34° 33' E 197 ft.
- No. 41. Tent house, The N.E. Cor. of which brs. from Cor. No. 1, S 26° 46' E 203 ft.

Mineral Survey No. 2687 con't.

No. 42. Tent house, The N. E. Cor. of which brs. from Cor. No. 1., S 17° 12' E 210 ft.

No. 43. Tent house, the N. E. Cor. of which brs. from Cor. No. 1., S 0° 51' E 195 ft.

No. 44. tanks, br. from Cor. No. 4 S 57° 55' E 566 ft.

ADJOINING CLAIMS

North; Hard Up Sur. No. 1970 and Mc Kean lode unsur. owned by the Calumet & Arizona Mining Co.

East; Germania No. 1. Sur. No. 2688 owned by the Calumet & Arizona Mining Co., and Tom lode, unsurveyed, owned by the Calumet & Arizona Mining Co.

South; Repeter unsur. owned by the Thos King, Thos.

P. Cowen and John Gleason, Nineteen Hundred Seven No. 2 lode, Sur. No. 2625.

West; Nineteen Hundred Seven Sur. No. 2549 owned by Thos. King.

LOCATION.

This claim is located at the town of Courtland in the Turquoise Mining District, Cochise County, Territory of Arizona, approximately in Tp. 19 S. R. 25 E. G. & S. R. B. & M. unsurveyed.

INSTRUMENT.

This survey was made with a C.L. Berger & Sons No. 1 C. transit; the courses were deflected from the true meridian as determined by a Solar observation checked by an observation on Polaris. The distances were measured with a 300 ft. steel tape. Magnetic variation 13° E. at all corners.



U.S. MINERAL SURVEYOR.

Dated at Bisbee, Arizona.

Sept. 6th., 1909.

Note; The tie of this survey does not check with the tie of Sur. No. 2587, 1970 or 2549. After noting the difference I rechecked my tie and find it to be correct.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Franklin W. Smith
 United States Deputy 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
Calumet & Arizona Mining Company
 known as the Germania Mine
 and showing the respective capacities in which they acted.

R. L. Motz , *Chainman.*
S. A. Spellmeyer , *Chainman.*
 , *Arman.*
 , *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, R. L. Motz
 and S. A. Spellmeyer , do solemnly swear that we assisted
Franklin W. Smith , United States Deputy Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of
Calumet & Arizona Mining Company
 known as the Germania Mine
 represented in the foregoing field notes as having been surveyed by said deputy 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

R. L. Motz , *Chainman.*
S. A. Spellmeyer , *Chainman.*
 , *Arman.*
 , *Flagman.*

Subscribed and sworn to by the above-named persons before me this 6 th.

day of September , 1909.

Charles R. Moffatt
 Notary Public in and for the County
 of Cochise, Territory of Arizona.
 My Commission expires Jan. 10th, 1912

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Franklin W. Smith, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 30th, 1909., 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 Calumet & Arizona Mining Co.

....., known as the Germania Mine, situate in Turquoise Mining District, Cochise County, ~~Territory of Arizona~~ Section approx., Township No. 29¹⁹ S, Range No. 25 E. G. & S. R. B. & M. Unsur., and designated as Survey No. 2687, 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 perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or ~~thier~~ its grantors are as therein fully stated, and that the character, extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Franklin W. Smith
U. S. Mineral Surveyor

Subscribed and sworn to by the said Franklin W. Smith
U. S. Mineral Surveyor, before me Charles R. Morfoot, Notary Public.
..... this 6th.
day of September, 190 9

Charles R. Morfoot
Notary Public in and for the County
of Cochise, Territory of Arizona.
My Commission expires Jan. 10th, 1912

Affidavit of Five Hundred Dollars Improvements.

We, G. A. Arnold and Wm J. Simonton

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Germania Mine mining claim, situate in Turquoise Mining district, Cochise County, Arizona Territory, for which

Calumet & Arizona Mining Co.

has 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 grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

G. A. Arnold
Wm J. Simonton

TERRITORY OF ARIZONA, }
County of Cochise } ss:

Sworn to and subscribed before me, this 30th

day of September, 1909



MY COMMISSION EXPIRES SEPT. 10TH, 1912

27689b1m2-07

J. M. Cahell
Notary Public
In and for Cochise County,
Territory of Arizona.

JUN. 30. 1909

LOCATION NOTICE.

NOTICE IS HEREBY GIVEN, that the undersigned, in compliance with the requirements of the mining Act of Congress, approved May 10, 1872, I have this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz and 300 feet in width on each side of the middle of said lead lode or vein, situate in the Turquoise Mining District, County of Cochise, Territory of Arizona, and more particularly described as follows, to-wit;

Commencing at this Monument of stones, being the center of the Southerly end of claim, and upon which this notice is posted; thence Easterly 300 feet to a monument of stones; thence Northerly 1500 feet to a monument of stones; thence Westerly 300 feet to a monument of stones; being the center of the Northerly end of claim; thence Westerly 300 feet to a monument of stones; thence Southerly 1500 feet to a monument of stones; thence Easterly 300 feet to the place of beginning.

This claim is situated on the East side of the Northern Belle Mine, about three miles North from the Turquoise U. S. Mineral Monument, and shall be known as the Germania Mine. Located the 13th of March, 1890.

Henry Marquard

Edward Miller.

Filed and recorded at the request of Edward Miller, April, 30th, A.D. 1890 at 9 A.M. Book 12 Records of Mines at page 203.

TERRITORY OF ARIZONA)
COUNTY OF COCHISE) SS.
)

I, C. A. McDonald, County Recorder in and for said County do hereby certify that I have compared the annexed and foregoing copy with the original location notice of the "GERMANIA" Mining Claim, first filed for record in my office on the 30th day of April A. D. 1890, and recorded in Book 12 of Records of Mines, at page 203, and that the same is a full, true and correct copy of said original and of the whole thereof.

Given under my hand and official seal, this the 4th. day of June, A. D. 1909.

C. A. McDonald.
County Recorder.

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

March 5, 1910, , 1 .

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

Calumet & Arizona Mining Co.

, known as the Germania Mine

, situate in Turquoise

Mining District, Cochise County,

Arizona, in Section Approx, Township No. 19 S,

Range No. 25 E., Unsur., and designated as Survey

No. 2687, has been correctly copied from the originals on

file in this office; that said Field Notes furnish such an accurate description of said
mining claim as will, if incorporated into a patent, serve fully to identify the premises,
and that such reference is made therein to natural objects or permanent monuments as
will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended
or improvements made upon said mining claim by claimant or its grantors, and
that said improvements consist of 12 shafts and 2 drifts, total
value \$3975.00

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 5, 1910., 190.

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

Calumet & Arizona Mining Co.,

, known as the

Germania Mine

situate in Turquoise Mining District,

Cochise County, Arizona.

in Section Approx., Township No. 19 S., Range No. 25 E., Unsur.

, designated as Survey No. 2687

executed by Franklin W. Smith, U. S. Deputy Mineral

Surveyor, September 2-3, 1909., 190., under my instructions dated

June 30, 1909., 190., 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 D. Sigalla

U. S. Surveyor-General for Arizona,