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(4-683.)

Mineral Survey No. 1177

Lot No. _____

Prescott

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Joseph L. Giroux

KNOWN AS THE

Missing Link Verde

Mining District,

Yavapai

County,

Arizona

Section _____

Township _____

Range _____

Surveyed under instructions dated August 28th, 1895,

by E. W. Johnston

U. S. Deputy Mineral Surveyor.

Claim located March 18th, 1895 Amended Apr. 3, 1895.

Survey commenced September 2nd, 1895.

Survey completed September 5th, 1895.

o 6-160

H. J. Allen Atty for

Joseph L. Giroux,

Jerome,

Yavapai County,

Arizona.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, H. B. Lewis and E. H. Reid,

do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally-pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Mining Claim of Joseph L. Giroux

known as the Missing Link situate in Verde mining district, Yavapai County, Arizona in Section —, Township No. —, Range No. —.

H. B. Lewis, Chainman.

E. H. Reid, Chainman.

Subscribed and sworn to by the above-named persons before me this 2 day of Sept, 1895

Walter Miller
N. P.

I, E. H. Reid, do solemnly swear that I will well and truly perform the duties of axeman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of Joseph L. Giroux

known as the Missing Link more fully described in the preceding affidavit.

E. H. Reid, Axeman.

Subscribed and sworn to by the said E. H. Reid before me this 2 day of

September, 1895

Walter Miller
N. P.

I, H. B. Lewis, do solemnly swear that I will well and truly perform the duties of flagman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of

known as the Missing Link more fully described in the preceding affidavit.

H. B. Lewis, Flagman.

Subscribed and sworn to by the said H. B. Lewis

before me this 2 day of Sept, 1895

Walter Miller
N. P.

Fict.	Beginning at Cor. No. 1.
	A point on the west side line of the Chrome Northwestern No. 1 mining claim, owned by the United Verde Copper Co., Survey No. 594, and 644 ft. from Cor. No. 3 thereof.
	A stone 25 x 7 x 9 ins., set 18 ins. in the ground and chiseled + M.L. $\frac{1}{1177}$, whence
	U. S. Mineral Monument No. 1, Verde District bears $S5^{\circ}42'W$ 2036 ft.
	S. W. Location Corner bears $S17^{\circ}45'E$ 261 ft.
	A rock in place marked + B.R. M.L. $\frac{1}{1177}$ bears $S87^{\circ}55'W$ 43.5 ft.
	Thence $N29^{\circ}45'W$
	Va. $13^{\circ}40'E$
32	S. W. corner Discovery Shaft
41	Discovery Monument - Monument No. 1.
167	Wagon road to Jerome, bears N.E. + S.W.
700	Same road, bears N.E. + S.W.
756.43	To Cor. No. 2
	A stone 12 x 10 ins. 1 ft. above ground, marked + M.L. $\frac{2}{1177}$ on East side.
	Identical with N.W. Location Corner
	Identical with Cor. No. 5, Wade Stampston mining claim, United Verde Copper Co. owners, Survey No. 592.
	A rock in place marked + B.R. M.L. $\frac{2}{1177}$, bears $S60^{\circ}20'W$ 124 ft.
	Thence $N83^{\circ}30'E$
	Va. $13^{\circ}35'E$
40.7	Location Corner No. 2
106	Middle of open cut, bearing N.W. + S.E.
126.5	Cor. No. 2 Jerome mining claim (marked $S\frac{2}{1152}$), G.W. Hull claimant, Survey No. 1152
172.6	Intersect line 3-4, Gift mining claim, United Verde Copper Co., owners, Survey No. 868, at $N38^{\circ}00'W$ 74 ft. from Cor. No. 3 thereof.
184.1	Cor. No. 3
	A stone 36 x 10 x 8 ins. set 2 ft. in ground, marked + M.L. $\frac{3}{1177}$ whence
	N.E. Location Monument bears $N83^{\circ}30'E$ 7.8 ft.
	A rock in place marked + B.R. M.L. $\frac{3}{1177}$ bears $N72^{\circ}24'W$ 46.9 ft.

Feet

Thence $S 29^{\circ} 45' E$

Va. $13^{\circ} 35' E$

68.7

To Cor. No. 3, Gift mining claim, marked S. No. 3
Intersect line 3-4, Chrome Northwestern No. 1
mining claim at $N 83^{\circ} 30' E$ 37.5 ft. from Cor. No. 3 thereof.

140

Middle of road to Jerome, bears N.W. + S.E.

340

Same road, bears N + N.W.

756.43

To Cor. No. 4

A stone 24 x 9 x 6 ins., set 18 ins. in the ground,
marked + M.L. $\frac{4}{1177}$

Location corner obliterated.

A + on Quartz dyke 8 ft. high marked B.R. $\frac{4}{1177}$ bears
 $S 41^{\circ} 33' W$ 38.7 ft.

Thence $S 83^{\circ} 30' W$

Va. $13^{\circ} 35' E$

184'

To Cor. No. 1

The place of beginning.

Area.

Acres.

Total area of Missing Link		2.937
bears area in conflict with		
Gift mining claim Sur. No. 868	.008	
Chrome Northwestern No. 1, Sur. No. 594	1.607	1.615
Net Area Missing Link		<u>1.322</u>

Location

This claim is located about 500 feet north of the United Verde Copper Company's Smelter at Jerome, Arizona.

Improvements

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimant, is not less than five hundred dollars. And that said improvements consist of

The discovery shaft 6x6 ft., 11 ft deep in rock, the S.W. corner of which bears from Cor. No. 1, $N 29^{\circ} 45' W$ 32 ft. The shaft is timbered.

Value

\$ 100.00

A tunnel 6.5x4 ft. in earth and rock, 62.5 ft. long, the mouth of which bears from Cor. No. 1 $S 2^{\circ} 50' W$ 32 ft.

Value

\$ 400.00

This tunnel is being driven for the development of Mining Line Lode

A cut from mouth of above tunnel 8x4 ft. at end, running out to dump, 16 ft. long

Value

\$ 30.00

A tunnel 6.5x4 ft. 10 ft. long in rock, the mouth of which bears from Cor. No. 3, $S 85^{\circ} 45' W$ 70 ft.

Value

\$ 100.00

This tunnel is claimed to be 125 ft. long, but is caved near mouth.

A cut from mouth of above tunnel 9x4 ft. at end, running out to dump 32 ft. long.

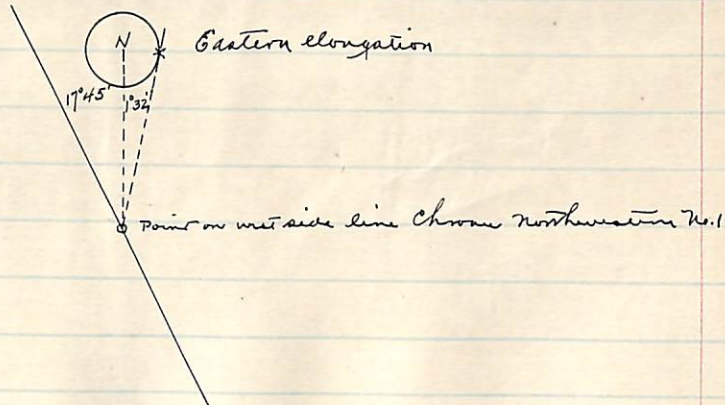
Value.

\$ 50.00

Instrument

The survey was made with a W. & L. G. Surber mountain transit No. 648 in good adjustment.

The courses were deflected from the true meridian as determined by observation on the North Star.



The distances were measured with a 100 ft. steel tape.

E. W. Johnston

U. S. Deputy Mineral Surveyor

Jerome A. T.

September 7th 1895.

In this survey I have accepted a point on the west side line of the Chrome Northwestern No. 1 mining claim and 644 feet from Cor. No. 3 thereof, as the point of intersection between said line and the east side line of the Wade Hampton mining claim for the following reasons:—

The two corners on the west side line of the Chrome Northwestern are well established and the course obtained corresponds with that of the deputy who surveyed said claim.

There are no corners in existence on the south end of the Wade Hampton, and the east side line thereof run from Cor. No. 5 by a deflected course (backsighting to Cor. No. 3) gives an intersection point with the west side line of the Chrome Northwestern, too far south by at least two hundred feet.

Though the deputy who surveyed the Chrome Northwestern states in his field notes that the distance from Cor. No. 2 thereof to the point of intersection mentioned, is 703 feet, he is evidently in error, for on platting the two surveys, such an intersection is found to be impossible.

It is almost certain that this distance—703 feet—should have been given as the distance from the point where the west side line of the Chrome Northwestern intersects the south end line of the Wade Hampton, to the intersection of the two side lines.

153 feet is the distance given by the deputy from Cor. No. 2 of the Chrome Northwestern to the point when its west side line intersects the south end line of the Wade Hampton.

$703 \text{ ft.} + 153 \text{ ft.} = 856 \text{ ft.}$ —dist. from Cor. No. 2 of the Chrome Northwestern to the point of intersection with the side line of the Wade Hampton— and $1500 \text{ ft.} - 856 = 644 \text{ ft.}$ —distance from Cor. No. 3 of the Chrome Northwestern to said point of intersection.

The bearing of the line run from this point

8

To Cor. No. 5 of the Wade Hampton does not correspond with that given by the deputy who surveyed the Wade Hampton, but it is probably the most accurate result obtainable.

E. W. Johnston
U. S. Dep. Min. Surveyor

James A. S.
November 2, 1895.

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.

Territory of Arizona,
S.S.
County of Yavapai.

Chris Haryhausen and Fred Carrigan

of lawful age, being duly sworn according to law, depose and say that each for himself, and not one for the other, that he is acquainted with the Missing Link Mining Claim, in the Verde Mining District, County and Territory aforesaid, for which Joseph L. Giroux has made application for patent.

That he is an experienced miner and is thoroughly familiar with the nature of mineral veins, lodes or ledges.

That he has made an examination of the development work and surface ground of the said Missing Link Mining Claim, for the purpose of determining the course of the mineral vein upon which the discovery and location of said claim was made.

That his examination discloses the following facts:-
Except at the discovery shaft and at and near the tunnel on the north end of said claim, the vein is entirely covered by the country rock.

The strike or course of the vein from the outcrop at the discovery is in a Northwesterly direction, and from the tunnel at the north end the strike or course of the vein is in a Southeasterly direction.

count
a
to met and the croppings are evidently of the same vein.

edged
C.
Chris Haryhausen
Fred Carrigan



TERRITORY OF ARIZONA,
County of Yavapai, } ss.

Before me,

Walter C. Miller

County of Yavapai, on this day personally appeared

Chris Henryhausen

in and for said

Fred Carrigan

known

to be the persons whose name are subscribed to the foregoing instrument, and acknowl-
to me that they executed the same for the purpose ~~and~~ consideration therein expressed.

Chris Henryhausen

Fred Carrigan

Given under my hand and seal of office this

1st

day

of *November*

A. D. 189

5

Walter C. Miller
W. C.



FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by E. W. Johnston
 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 Joseph L. Giroux
 known as the Missing Link
 and showing the respective capacities in which they acted.

- H. B. Lewis, Chairman.
- E. H. Reid, Chairman.
- E. H. Reid, Axman.
- H. B. Lewis, Flagman.

FINAL OATHS OF ASSISTANTS.

We, E. H. Reid,
 and H. B. Lewis, do solemnly swear that we assisted E. W.
Johnston, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of

Joseph L. Giroux
 known as the Missing Link, 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

- H. B. Lewis, Chairman.
- E. H. Reid, Chairman.
- E. H. Reid, Axman.
- H. B. Lewis, Flagman.

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

this 5 day of Sept, 1895

Walter Miller
MP



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, E. W. Johnston, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated August 28th, 1895, 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 Joseph D. Giroux, known as the Missing Link, situate in Yavapai County, Arizona, in Section 1, Township No. —, Range No. —, and designated as Survey No. 1177, 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 his 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.

E. W. Johnston
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said E. W. Johnston
U. S. Deputy Mineral Surveyor, before me Walter C. Miller
N. P. this 11th
day of Sept, 18 95

Walter C. Miller
N. P.

Affidavit of Five Hundred Dollars Improvements.

We Geo. O. Wager and Joe Smith

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted

with the Missing Link mining claim, situated in

Verde Mining district, Yavapai County,

Arizona Territory, for which Joseph L Giroux

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

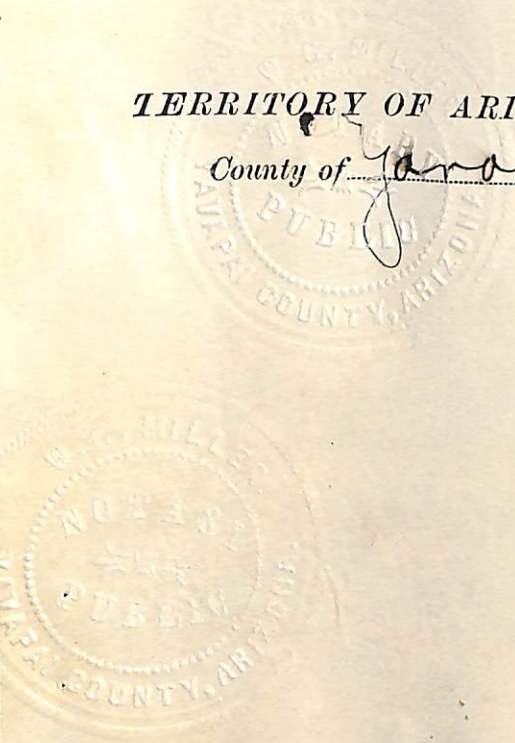
George O. Wager
Joe Smith

TERRITORY OF ARIZONA,
County of Yavapai } ss.

SWORN to and subscribed before me, this

11 day of Sept 1895

Walter Miller
N. P.



Missing Link.

Notice of Location.

Know all men by these presents;--

That I the undersigned have this day Located Fifteen Hundred (1500) linear feet of this vein or lode, bearing precious metals, with all dips, spurs, angles and variations, with surface ground Three Hundred (300) feet on each side of the center of vein, with all Mineral Deposits contained therein, and all Timber growing within the limits of said claim, and all Water and Water Privileges thereon or appurtenant thereto, under and according to the provisions of the United States Mining Laws, under which it is Located.

This claim commences at this Monument and Notice placed upon the ledge and runs (900) feet in a Northerly direction and (600) feet in a Southerly direction along the ledge.

The Exterior boundaries are as follows viz;--

Commencing at a Monument of Stone on West boundary line, distant Three Hundred (300) feet in a Westerly direction from Discovery Monument thence in a Northerly direction parallel with the ledge (900) feet to Monument of Stone at N.W. corner of claim; thence in an Easterly direction at right angles across the ledge Six Hundred (600) feet to Monument of Stone at N.E. corner of claim; thence in a Southerly direction parallel with the ledge Fifteen Hundred (1,500) feet to Monument of Stone at S.E. corner of claim; thence at right angles across the ledge in a Westerly direction Six Hundred (600) feet to Monument of Stone ~~at~~ at S.W. corner of claim; thence in a Northerly direction parallel with the ledge (600) feet to Monument on West boundary and place of beginning.

This ledge may be more generally described as situated about 500 feet Northerly from the United Verde Copper Company's Smelter & lies between the Chrome & Hampton Mines, in Verde Mining District, Yavapai County Arizona Territory, and shall be known as the Missing Link Mining Claim.

DATED ON THE GROUND this 18th., day of March 1895.

Witness

JOSEPH L. GIROUX.

C. Harryhausen.

Recorded at request of Jos.L.Giroux, March 26" A.D. 1895, at 9 o'clock A.M.
in Book 39 of Mines, page 483, Records of Yavapai County Arizona.

By M.O. Archibald, (Seal.)
Deputy County Recorder.

F.A. Tritle,
County Recorder.

TERRITORY OF ARIZONA, }
 } ss;
County of Yavapai. }

I, F.A. Tritle, County Recorder in and for said County and Custodian of the Records thereof, do hereby certify that I have compared the above and foregoing with and the same is a full, true and correct copy of the Notice of Location of the "MISSING LINK" Mining Claim, as the same appears of record in Book 39 of Mines at page 483, Records of Yavapai County Arizona.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal this 19" day of April A.D. 1895.



F. A. Tritle
=====

County Recorder.

F. A. Tritle Jr
By=====

Deputy.

"MISSING LINK"

Amended Location Notice.

TERRITORY OF ARIZONA, §
 County of Yavapai. §
 Verde Mining District §

KNOW ALL MEN BY THESE PRESENTS:--That I Joseph L. Giroux, a citizen of the United States of Jerome, in said County, and Territory, having made a discovery of a vein of gold, and silver bearing quartz in place, and of ore in place carrying copper and other metals, within the limits of the "MISSING LINK" Claim hereⁱⁿafter described which said discovery was made prior to the original location of the said Missing Link Claim which original location was made by me on the eighteenth day of March A. D. 1895, and the said original location having been perfected by marking the boundaries thereof upon the ground so that its boundaries could be readily traced by putting prominent stone monuments at the point of said discovery and at each corner of the said Missing Link Claim, reserving to myself all rights of whatsoever character acquired by me by reason of the said original location of the said ground and mining claim made as aforesaid do now on this third day of April A. D. 1895, for the purpose of more perfectly describing and marking the boundaries of the said mining claim make and post upon the said Missing Link Mining Claim, this amended location and notice.

The said mining claim is called and shall be known as the Missing Link Quartz Lode, Mining Claim, and is situated in Verde Mining District Yavapai County Territory of Arizona.

The said ⁱMissing Link Quartz Lode Mining Claim is bounded on the North by the Jerome Quartz Lode Mining Claim, and the Gift Quartz Lode Mining Claim, and is bounded on the East by the Gift Quartz Lode Mining Claim and the Chrome North Quartz Lode Mining Claim and is bounded on the South by the Chrome North Quartz Lode Mining Claim and the Wade Hampton Quartz Lode Mining Claim, and is bounded on the west by the Wade Hampton Quartz Lode Mining Claim.

The said Jerome, Gift, Chrome North and Wade Hampton Quartz Lode Mining

Claims, being patented mining claims, situated in the said mining district,
County and Territory, and the said Gift, Chrome North, and Wade Hampton
Quartz Lode Mining

Claims being at the date of said original location and now owned and occupied by the United Verde Copper Company a corporation .

And the said discovery of the Missing Link Quartz Lode Mining Claim being situated about five hundred feet in a northerly direction from the Smelter of the said United Verde Copper Company, and the Missing Link Quartz Lode Mining Claim being more particularly described by metes and bounds and bearings as follows to wit;--

Beginning at a post at the discovery shaft of the said Missing Link Quartz Lode Mining Claim, whence Mineral Monument No., 1, in Verde Mining District, Yavapai County Territory of Arizona, bears south five degrees and fifteen minutes west and thence the most southerly smoke stack of the United Verde Copper Company's Smelter being the flue stack of said smelter upon the mountain side south of said smelter and being the only stack of said smelter situated upon the Eureka Quartz Lode Mining Claim, bears south six degrees east distant onethousand feet more or less; thence from the said post at the said discovery shaft north twenty six degrees and thirty minutes west seven hundred and seventy five one hundredths feet and parallel with the east side line of the said Wade Hampton Quartz Lode Mining Claim to a post marked Cor., No., 2, M.L. which last named post is upon the north end line of the said Missing Link Quartz Lode Mining Claim; thence south eighty three degrees and thirty minutes west forty and seven tenths feet to a post marked N.W. cor., M.L., thence south twenty six (26) degrees and thirty minutes east one thousand and sixteen and four tenths feet to a post marked S.W. cor., M.L., thence North eighty three degrees and thirty minutes east two hundred twenty two and seven tenths feet to a post marked S.E. cor M.L., thence north twenty six degrees and thirty minutes west one thousand and sixteen and four tenths feet to a post marked N.E. cor M.L. thence south eighty three degrees and thirty minutes west onehundred and eighty two feet to said post marked Cor., No., 2, M.L.

The said Eureka Quartz Lode Mining Claim, is patented and is situated in the said mining district, county and territory, and is owned by the said United Verde Copper Company.

The said posts are of timber two inches by four inches and stand

about four feet more or less above the surface of the earth and are surrounded by stone monuments and are set one at each corner of the said Missing Link Quartz Lode Mining Claim, one at the said discovery shaft and one upon the north end line of the said Missing Link Quartz Lode Mining Claim.

And by virtue of the said original location as well as by virtue --- this amended location, I ^{do} hereby claim and hold the said Missing Link Quartz Lode Mining Claim, and all ores, minerals and deposits of mineral therein and all veins, ~~bodes~~, ledges dips, spurs and angles thereon, therein and thereunder

This claim is 1016, 4/10 feet along the vein and is 222 7/10 feet wide.

A duplicate of this notice is placed in a tin can nailed to the post set at the discovery shaft.

Dated and done this the third day of April A.D. 1895.

All erasures and interlineations made before signing.

Witness,

JOSEPH L. GIROUX

Frank E. Corbett.

Recorded at request of Jos. L. Giroux, May 11th A.D. 1895, at 9 o'clock A.M. in Book 42 of Mines, pages 34-38, Records of Yavapai County Arizona.

By H.R. Tritle,
Deputy.

(Seal.)

F.A. Tritle,
County Recorder.

TERRITORY OF ARIZONA, §
 § ss;
County of Yavapai. §

I, F.A. Tritle, County Recorder in and for said County and Custodian of the Records thereof, DO HEREBY CERTIFY, that the above and foregoing is a full, true and correct copy of the Amended Notice of Location of the "MISSING LINK" Mining Claim, as the same appears of record in Book 42 of Mines, pages 34-38, Records of Yavapai County Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal this 14th day of August A.D. 1895.

By F. A. Tritle
Deputy,

F. A. Tritle
County Recorder.

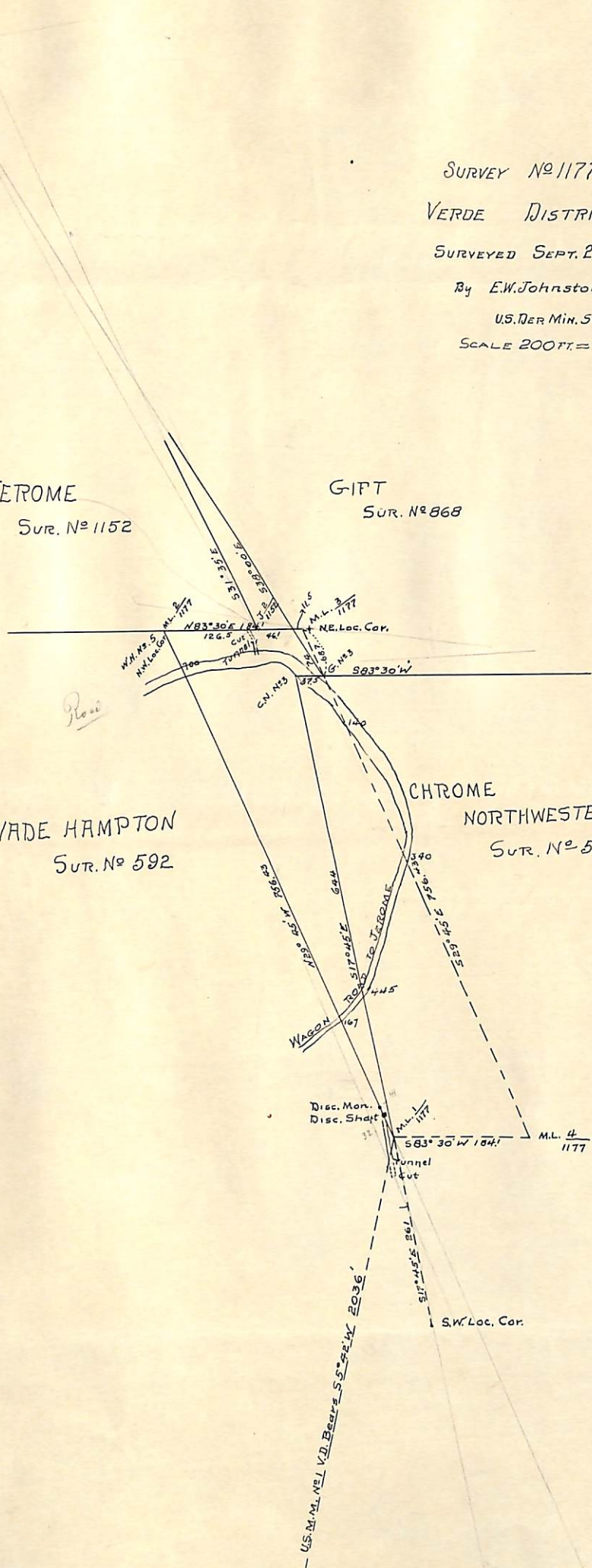
SURVEY No 1177
 VERDE DISTRICT
 SURVEYED SEPT. 2-5-1895
 By E.W. Johnston
 U.S. DEPT. MIN. SURVEYOR
 SCALE 200 FT. = 1 INCH.

JEROME
 SUR. No 1152

GIFT
 SUR. No 868

WADE HAMPTON
 SUR. No 592

CHROME
 NORTHWESTERN No 1
 SUR. No 594



Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

Department of the Interior,

Office of U. S. Surveyor General,

Tucson Arizona

January 7th, 1896.

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 Joseph L. Giroux

_____ , known as the

Missing Link

situate in Verde mining district,

Yavapai County, Arizona,

in Section _____, Township No. _____, Range No. _____

_____ , designated as Survey No. 1177.

executed by E. W. Johnston, U. S. Deputy Mineral

Surveyor, Sept. 28 and 5, 1895, under my instructions dated

August 28, 1895, have been critically examined and the

necessary corrections and explanations made, and the said Field Notes and Return, and

the Survey they describe, are hereby approved. A true copy of the copy of the location

certificate, filed by the applicant for survey is included in the field notes.

Levi H. Manning
U. S. Surveyor General for Arizona