

4-683.

MINERAL SURVEY No. 3070.

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Bernard Granville

KNOWN AS THE

Copper Glance, Golden Rod, Jack, Golden Rod No. 2, Golden West, Golden Cross.

Gababi Mining District,

Pima County, Arizona

Approximately Secs. 14, 15, 22 & 23, Township 16 S., Range 4 E. unsurveyed, G. & S. R. B. & M.

Surveyed under instructions dated April 22, 1913.

by William C. Goetz U. S. Mineral Surveyor.

Claim located See amended location notices 19

Survey commenced May 12, 1913, 19

Survey completed May 15, 1913, 19

6-822

Address of Atty.:-

James R. Dunseath,

Tucson, Arizona.

Feet

Survey Number 3070.

Golden Cross

Beginning at Cor. No. 1, identical with the N.W. Cor. of the amended location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed G.C.1-3070. U.S. Min. Mon. No. 6, Cababi Mining Dist. bears from this Cor. S. 44°42' E. 374.8 ft. distant.

Thence N. 61°07' E.

on line 1-2, slightly descending,

170. beginning of ascent

300. N.E.C., identical with the N.E.C. of the amended location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high

386. begin slight descent,

550. Cor. No. 2, identical with the N.E. Cor. of the amended location; a tack in a pine post 4 ins. square by 4 ft. long set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed G.C.2-3070.

Thence S. 28°53' E.

on line 2-3, ascending,

70. wagon road runs N. & S.

491. same road runs N.W. & S.E.
 530.24 Intersect line 1-2 Florida lode, Sur. No. 545, N. 74°45' E. 264.52 ft. from Cor. No. 1
 614.80 Intersect line 2-3 Florida lode, Sur. No. 545, S. 22°30' E. 75 ft. from Cor. No. 2

689. center of wash 2 ft. wide running W.

949. center of wash 2 ft. wide running W.

1328. center of wash 1 ft. wide running W.

1500. Cor. No. 3, identical with the S.E. Cor. of the amended location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed G.C.3-3070.

Thence S. 61°07' W.

on line 3-4, descending,

99.23 Intersect line 2-3 Florida lode, Sur. No. 545, S. 22°30' E. 965.72 ft. from Cor. No. 2, and N. 22°30' W. 504.28 ft. from Cor. No. 3

250. S.E.C., identical with the S.E.C. of the amended location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high.

280. center of wash 6 ft. wide running N.W., ascend

Feet

408. top of ridge,
550. Cor. No. 4, identical with the S.W. Cor. of the ~~amended~~ location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed G.C. 4-3070.
- Thence N. 28°53' W.
- on line 4-1, ascending,
180. top of ridge; descend
540. center of wash 8 ft. wide running W. Ascend along W. slope of low butte,
- 1064.11 Intersect line 6-1 Florida lode, Sur.No.545, S. 68°45' W. 295.53 ft. from Cor.No.1, and N. 68°45' E. 4.47 ft. from Cor. No. 6.
1117. begin descending along W. slope of low butte.
1500. Cor. No. 1, the place of beginning.

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Golden West

- Beginning at Cor. No. 1, identical with the S.W. Cor. of the ~~amended~~ location, and with Cor. No. 1 of the Golden Cross lode of this survey, ^{heretofore described} I scribed same G.W.1-3070.
- The aforesaid U.S. Min. MON. No. 6, Cababi Minig District bears from this Cor. S. 44°42' E. 374.8 ft. dist.
- Thence N. 61°07' E.
- on line 1-2, identical with line 1-2 of the Golden Cross lode of this survey,
300. S.E.C., identical with the S.E.C. of the ~~amended~~ location, and with the N.E.C. of the Golden Cross lode of this survey; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high.
550. Cor. No. 2, identical with the S.E. Cor. of the ~~amended~~ location and with Cor. No. 2 of the Golden Cross lode of ^{heretofore described} this survey; I scribed same G.W.2-3070.
- Thence N. 28°53' W.
- on line 2-3, over level ground,
42. wagon road runs N.W. & S.E .
530. center of wash 4 ft. wide running N.W.
589. center of wash 3 ft. wide running N.W.
970. center of wash 6 ft. wide running W.

- Feet
1373. center of wash 2 ft. wide running S.W.
1500. Cor. No. 3, identical with the N.E. Cor. of the amended location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed G.W.3-3070.
- Thence $61^{\circ}07'$ W.
- on line 3-4, slightly ascending,
180. top of ridge; descend,
250. N.E.C., identical with the N.E.C. of the amended location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high; over level ground,
550. Cor. No. 4, identical with the N.W. Cor. of the amended location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed G.W.4-3070.
- Thence S. $28^{\circ}53'$ E.
- on line 4-1, descending,
285. center of wash 20 ft. wide running W. Ascend,
520. top of ridge, also wagon road running N.W. & S.E. Descend,
1233. center of wash 1 ft. wide running W. Ascend,
1500. Cor. No. 1, the place of beginning.

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Golden Rod

Beginning at Cor. No. 1, identical with the S.W. Cor. of the ~~xxxxxx~~ location and with Cors. No. 2 of the Golden Cross and Golden West lodes of this survey, ^{heretofore described} I scribed same G.R.1-3070. The aforesaid Min. Mon. No. 6 bears from this Cor. S, $22^{\circ}16'30''$ W. 575. ft. dist.

- Thence N. $61^{\circ}07'$ E.
- on line 1-2, over level ground,
10. wagon road runs N.W. & S.E.
50. S.E.C., identical with the S.E.C. of the location. This point falling on the slope of an ore dump, I set a witness Cor. N. $28^{\circ}53'$ W. 45. ft. dist; a tack in a pine post 4 ins. square

Feet

by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed same W.C. S.E.C. G.R.

192. center of wash 4 ft. wide running N.W.

350. Cor. No. 2, identical with the S.E. Cor. of the location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed G.R.2-3070.

Thence N. 28° 53' W.

on line 2-3, over level ground,

323. center of wash 2 ft. wide running W.

860. center of wash 3 ft. wide running W.

905. center of wash 4 ft. wide running W.

1500. Cor. No. 3, identical with the N.E. Cor. of the location, a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed G.R.3-3070.

Thence S. 61° 07' W.

on line 3-4, over level ground,

295. center of wash 2 ft. wide running S.

300. N.E.C., identical with the N.E.C. of the location, a tack in a pine post 4 ins. square by 4 ft. high, set in a mound of stones 3 ft. base by 2 1/2 ft. high.

350. Cor. No. 4, identical with the N.W. Cor. of the location and with Cor. No. 3 of the Golden West lode of this survey, heretofore described
I scribed same G.R.4-3070.

Thence S. 28° 53' E.

on line 4-1, identical with line 2-3 Golden West lode of this survey,

1500. Cor. No. 1, the place of beginning.

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Golden Rod No. 2 lode.

Beginning at Cor. No. 1, identical with the N.W. Cor. of the amended location and with Cors. No. 2 Golden Cross and Golden West, and Cor. No. 1 Golden Rod lodes of this survey, heretofore described
I scribed same G.R.No.2-1-3070. The aforesaid Min. Mon. bears from this Cor. S. 22° 16' 30" W. 575. ft. dist.

Feet

Thence N. $61^{\circ} 07'$ E.

on line 1-2, identical with line 1-2 Golden Rod lode of this survey.

50. N.E.C. identical with the N.E.C. of the ~~amended~~ location and the S.E.C. of the Golden Rod lode of this survey. Set witness Cor. as described under "Golden Rod Lode" and scribed same W.C.-N.E.C.-G.R.No.2.

350. Cor. No. 2, identical with the N.E. Cor. of the ~~amended~~ location and Cor. No. 2 Golden Rod lode of this survey, heretofore described
I scribed same G.R.No.2-2-3070.

Thence S. $28^{\circ} 53'$ E.

on line 2-3, over level ground

448. center of wash 3 ft. wide running N.W., ascend

1437. wagon road runs E. & W.

1500. Cor. No. 3, identical with the S.E. Cor. of the ~~amended~~ location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed G.R.No. 2-3-3070.

Thence S. $61^{\circ} 07'$ W.

on line 3-4, descending

300. S.E.C., identical with the S.E.C. of the ~~amended~~ location, a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high.

350. Cor. No. 4, identical with the S.W. Cor. of the ~~amended~~ location and Cor. No. 3 Golden Cross lode of this survey, heretofore described
I scribed same G.R.No.2-4-3070.

Thence N. $28^{\circ} 53'$ W.

on line 4-1, identical with line 3-2 ~~G~~^olden Cross lode of this survey

885.20 Intersect line 2-3 Florida lode, Sur. No. 545, S. $22^{\circ} 30'$ E. 75 ft. from Cor. No. 2.
961.76 Intersect line 1-2 Florida lode, Sur. No. 545, S. $74^{\circ} 45'$ W. 8.48 ft. from Cor. No. 2
1500. Cor. No. 1, the place of beginning.

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Jack [unclear]

Beginning at Cor. No. 1, identical with the S.W. Cor. of the location, and with Cors. No. 2 Golden Rod and Golden Rod No. 2 lodes of this survey, heretofore described
I scribed same J.1-3070.

Feet	
	Aforesaid Min. Mon. bears from this Cor. S. $36^{\circ} 47' 30''$ W. 875.56 ft. dist.
	Thence N. $76^{\circ} 11'$ E.
	on line 1-2, over level ground,
268.	center of wash 2 ft. wide running N.W.; thence along wash
306.	center of wash 2 ft. wide turns S.E.
310.	S.E.C. identical with the S.E.C. of the location, a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by $2 \frac{1}{2}$ ft. high. Slightly ascending
620.	Cor. No. 2, identical with the S.E. Cor. of the location, a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by $2 \frac{1}{2}$ ft. high, and scribed J.2-3070.
	Thence N. $28^{\circ} 53'$ W.
	on line 2-3, slightly ascending
614.	center of wash 2 ft. wide running W. Over level ground
1198.	center of wash 2 ft. wide running S.W. Slightly ascending
1500.	Cor. No. 3, identical with the N.E. Cor. of the location, a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by $2 \frac{1}{2}$ ft. high, and scribed J.3-3070.
	Thence S. $76^{\circ} 11'$ W.
	on line 3-4, slightly descending
200.	center of wash 2 ft. wide running S.
310.	N.E.C., identical with the N.E.C. of the location, a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by $2 \frac{1}{2}$ ft. high.
620.	Cor. No. 4, identical with the N.W. Cor. of the location, and with Cor. No. 3 Golden Rod lode of this survey, ^{heretofore described.} I scribed same J.4-3070.
	Thence S. $28^{\circ} 53'$ E.
	on line 4-1, identical with line 2-3 Golden Rod lode of this survey,
1500.	Cor. No. 1, the place of beginning.

Feet

Copper Glance Lode.

Beginning at Cor. No. 1, identical with the N.W. Cor. of the location and with Cors. No. 2 Golden Rod and Golden Rod No. 2, and Cor. No. 1 Jack lodes of this survey, heretofore described, I scribed same C.G.1-3070. Aforesaid U. S. Min. Mon. bears from this Cor. S. 36° 47' 30" W. 875.56 ft. dist.

Thence S. 28° 53' E.

on line 1-2, identical with part of line 2-3 Golden Rod No. 2 lode of this survey

310. W.E.C., identical with the W.E.C. of the location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high.

620. Cor. No. 2, identical with the S.W. Cor. of the location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed C.G.2-3070.

Thence N. 76° 11' E.

on line 2-3, slightly ascending,

42. center of wash 3 ft. wide running N.W.

360. center of same wash coming from S.E.

685. ascend N. end of low butte

920. descend N. end of low butte

1500. Cor. No. 3, identical with the S.E. Cor. of the location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed C.G.3-3070.

Thence N. 28° 53' W.

on line 3-4, descending

55. center of 1 ft. wash running N.W. Ascend.

170. center of 1 ft. wash running N.W.

310. E.E.C., identical with the E.E.C. of the location; a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high.

495. begin descent

620. Cor. No. 4, identical with the N.E. Cor. of the location;

Feet

a tack in a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2 1/2 ft. high, and scribed C.G.4-3070.

Thence S. 76° 11' W.

on line 4-1, identical in part with line 1-2 Jack lode of this survey; descending,

880. Cor. No. 2 Jack lode of this survey

1190. S.E.C. Jack lode of this survey

1500. Cor. No. 1, the place of beginning.

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Lode Lines.

As near as can be ascertained from surface indications and present development, the veins of the several locations embraced in this claim, extend from their respective discovery points as follows:

Golden Cross lode

N. 28° 53' W. 409. ft. and S. 28° 53' E. 1091. ft.

Golden West lode

N. 28° 53' W. 913. ft. and S. 28° 53' E. 587. ft.

Golden Rod lode

N. 28° 53' W. 1350. ft. and S. 28° 53' E. 150. ft.

Golden Rod No. 2 lode

N. 28° 53' W. 174.1 ft. and S. 28° 53' E. 1325.9 ft.

Jack lode

N. 28° 53' W. 1169. ft. and S. 28° 53' E. 331. ft.

Copper Glance

S. 76° 11' W. 1287. ft. and N. 76° 11' E. 213. ft.

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Areas.

		Acres
Total area	Golden Cross lode	18.939
"	Area in conflict with Florida lode, Sur. No. 545,	11.869 Acres.
"	Golden West lode	18.939
"	Golden Rod lode	12.052
"	Golden Rod No. 2 lode	12.052
"	Area in conflict with Florida lode, Sur. No. 545,	.007 Acres.
"	Jack lode	20.616
"	Copper Glance lode	20.616
	and	
	Total net area of this claim	103.214

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Location.

This survey is located approximately in Secs. 14, 15, 22 & 23, T. 16 S., R. 4 E., unsurveyed, G. & S. R. B. & M., Cababi Mining District, Pima County, Arizona.

Adjoining Claims

This survey is adjoined on the W. by the Nova Scotia and New Era Lodes, unsurveyed, claimed by A. W. Tibbals and Chris. Minderman, and by vacant land on all other sides. It conflicts with the Florida lode, Sur. No. 545 on the South.

Expenditure of Five Hundred Dollars.

I hereby certify that the value of the labor and improvements made upon, and for the benefit of, the locations embraced in said mining claim by the claimant or its grantors, is not less than five hundred dollars, and that said improvements consist of as follows:

Golden Cross Lode.

From the N.E.C.

No. 1 - The discovery shaft 4 x 6 ft., 10 ft. deep, bears S. 28° 53' E. 409. ft. dist.	Value	\$100.00
No. 2 - A shaft 4 x 6 ft., 8 ft. deep, bears S. 28° 53' E. 69. ft. dist.	Value	\$80.00
No. 3 - A shaft 7 x 10 ft., 12 ft. deep, bears S. 31° 36' E. 191.5 ft. dist.	Value	\$125.00
No. 4 - A shaft 5 x 6 ft., 10 ft. deep, bears S. 28° 53' E. 393. ft. dist.	Value	\$110.00
No. 5 - A cut 6 x 11 ft., 4 ft. deep, bears S. 28° 53' E. 541. ft. dist.	Value	\$75.00
No. 6 - A shaft 4 x 10 ft., 10 ft. deep, bears S. 28° 53' E. 619 ft. dist.	Value	\$150.00
To be credited from No. 1 of the Golden Rod No. 2 Lode of this survey, a 1/6 interest	Value	\$534.00
To be credited from No. 2 of the Golden Rod No. 2 Lode of this survey, a 1/6 interest	Value	\$307.50
Total Value		\$1481.50

Golden West

From the S.E.C.

No. 1 - The discovery cut and shaft, of following dimensions: Cut 6 ft. wide; 8 ft. deep, 30 ft. long, and shaft 4 x 6 ft., and 15 ft. deeper than bottom of cut, bears N. 28° 53' W. 587. ft. dist.	Value \$450.	\$450.00
No. 2 - A shaft 4 x 6 ft., 10 ft. deep, bears N. 28° 53' W. 226. ft. dist.	Value \$100	\$100.00
No. 3 - A shaft 4 x 6 ft., 10 ft. deep; bears N. 28° 53' W., 432. ft. dist.	Value \$100	\$100.00
No. 4 - A cut 5 x 17 ft., 5 ft. deep, bears N. 28° 53' W., 538. ft. dist.	Value \$100.	\$100.00
No. 5 - A shaft 4 x 6 ft., 29 ft. deep, bears N. 28° 13' W., 769 ft. dist.	Value \$290.	\$290.00
No. 6 - A side hill cut with shaft in bottom, of following dimensions: Cut 34 ft. wide, 10 ft. face, 16 ft. long, and shaft 4 x 6 ft., 20 ft. deep below bottom of cut, bears N. 29° 50' W. 900. ft. dist.	Value \$300.	\$300.00
From a point on line 2-3 of this lode distant 148. ft. from Cor. No. 2 of the same:		
No. 7 - A cut 4 x 19 ft.; 6 ft. deep, bears S. 61° 07' W., 6 ft. dist.	Value \$100.	\$100.00
From a point on line 2-3 of this lode distant 171. ft. from Cor. No. 2 thereof:		
No. 8 - A shaft 4 x 6 ft., 8 ft. deep, bears S. 61° 07' W., 7 ft. dist.	Value \$80.00	\$80.00
From a point on line 2-3 of this lode distant 169.5 ft. from Cor. No. 3 thereof:		
No. 9 - A shaft 4 x 6 ft., 10 ft. deep, bears S. 61° 07' W., 13.8 ft. dist.	Value \$100.	\$100.00
From a point on line 2-3 of this lode distant 172.6 ft. from Cor. No. 3 thereof:		
No. 10 - A shaft 4 x 6 ft., 10 ft. deep, bears S. 61° 07' W., 26.2 ft. dist.	Value \$100.	\$100.00

To be credited from No. 1 of the Golden Rod No. 2 Lode of this survey, a 1/6 interest	Value	\$534. 00
To be credited from No. 2 of the Golden Rod No. 2 Lode of this survey, a 1/6 interest	Value	<u>\$307.50</u>
	Total Value	\$2561.50

Golden Rod

From the S.E.C.

No. 1 - The discovery shaft and cut, of following dimensions: Shaft 4 x 6 ft., 10 ft. deep, and cut 5 x 25 ft., 4 ft. deep, bears'

N. 28° 53' W., 150. ft. dist.	Value	\$200.00
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To be credited from No. 1 of the Golden Rod No.2 Lode of this survey, a 1/6 interest	Value	\$534.00
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To be credited from No. 2 of the Golden Rod No. 2 Lode of this survey, a 1/6 interest	Value	<u>\$307.50</u>
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	Total Value	\$1041.50
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Golden Rod No. 2

From the N.E.C.

No. 1 - The discovery shaft 6 x 8 ft., 94.7 ft. deep, bears S. 28° 53' E. 174.1 ft. dist. This shaft leads to underground workings described as follows:- At a depth of 35 ft. from the top of this shaft a drift 5 x 7 ft. extends S. 29° 00' E., 79 ft. From a point in this drift 29. ft. from the shaft, a raise 4 x 6 ft. extends to the surface 30. ft. From a point 70. ft. from the top of this shaft a drift 5 x 7 ft. extends S. 29° 0' E., 61.7 ft., and another drift 5 x 9 ft. extends N. 29° 00' W., 82.5 ft.

	Total Value	\$3204.00
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Less credits for Golden Cross, Golden West, Golden Rod, Jack, and Copper Glance Lodes of this survey	\$2670.00
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Value of 1/6 interest	\$534.00
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No. 2 - A shaft 6 x 8 ft., 75.8 ft. deep, and inclining to the E. 11° from the vertical, bears S. $64^{\circ} 27'$ E. 23.9 ft. dist. This shaft leads to underground workings as follows: From the bottom of the shaft a drift 5 x 6 ft. bears S. $29^{\circ} 00'$ E., 65.4 ft., thence about due S. 16 ft. From the end of this drift a raise 4 x 5 ft. rises 8.5 ft. to the floor of the drift running Nly. from shaft No. 1 of this lode. Again on this drift; from a point 30. ft. from the shaft, a cross cut 4 x 6 ft. bears S. $60^{\circ} 00'$ W., 10. ft. Total Value \$1845.00
 Less credits for Golden Cross, Golden West, Golden Rod, Jack, and Copper Glance lodes of this survey \$1537.50

Value of 1/6 interest \$307.50

No. 3 - A shaft 4 x 6 ft., 10 ft. deep, bears S. $28^{\circ} 53'$ E., 269. ft. dist. Value \$100.

No. 4 - A shaft 4 x 6 ft., 10 ft. deep, bears S. $28^{\circ} 53'$ E., 631. ft. dist. Value \$100.

No. 5 - A shaft 4 x 6 ft., 10 ft. deep, bears S. $30^{\circ} 01'$ E., 648. ft. dist. Value \$100
 Total value, \$1141.50

Note:- Improvements No. 1 and No. 2 of this lode constitute in my opinion a system of workings which, when extended, will prove of common benefit to all of the lodes of this survey. Topographically they are most favorably located as regards the economical extraction and shipping of ore, being located on the lowest elevation and on ground easy of access from the surface. These workings show the vein dipping toward the East. I have therefore considered them a common improvement and have divided the cost of the same proportionately among all the lodes of this survey.

Jack

From the S.E.C.

No. 1 - The discovery shaft 4 x 6 ft., 10 ft. deep, bears N. 28° 53' W., 331 ft. dist.	Value	\$100.00
From a point on line 2-3 of this lode, dist. 463. ft. from Cor. No. 2 thereof:		
No. 2 - A cut 4 x 12 ft., 10 ft. deep, bears S. 61° 00' W., 37.5 ft. dist	Value	\$125.00
To be credited from No. 1 of the Golden Rod No. 2 lode of this survey a 1/6 interest	Value	\$534.00
To be credited from No. 2 of the Golden Rod No. 2 lode of this survey a 1/6 interest	Value	<u>\$307.50</u>
	Total Value	\$1066.50

Copper Glance

From the E. E. C.

No. 1 - The discovery shaft 4 x 6 ft., 11 ft. deep, bears S. 76° 11' W., 213 ft. dist.	Value	\$100.00
No. 2 - A shaft 4 x 6 ft., 8 ft. deep, bears S. 72° 34' W., 204 ft. dist.	Value	\$75.00
To be credited from No. 1 of the Golden Rod No. 2 lode of this survey a 1/6 interest	Value	\$534.00
To be credited from No. 2 of the Golden Rod No. 2 lode of this survey a 1/6 interest	Value	<u>\$307.50</u>
	Total Value	\$1016.50

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Other Improvements.

Golden Cross

From Cor. No. 2

The N. E. Cor. of a frame and corrugated iron house 14 x 16 ft. bears S. 9° 35' E., 92.3 ft. dist.

Golden Rod No. 2

At the discovery shaft, No. 1, are located a horse whim and a low wooden ore car trestle about 40 ft. long, with small ore bins at the end thereof.

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Instrument.

This survey was executed with a "Lietz Light Mountain Transit" graduated to minutes, and all courses were determined and deflected from a true meridian as determined by direct Polaris observation. The distances were measured with a Lufkin 200. ft. steel tape, together with brass plummets.

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REPORT.

The U. S. Mineral Monument No. 6, to which this survey is tied, is a mesquite post squared, with sides about 6 ins. wide, extending 6 ft. above the ground and surrounded by a mound of stones 7 ft. base by 4 ft. high, and was established in 1883 in connection with Mineral Survey No. 545, Florida Lode. This mineral monument was found by me to be in such good condition that I adopted the same as it was, after strengthening it sufficiently and renewing the old markings, and adding thereto "Sur. No. 3070."

The U. S. General Land Office records show that Patent was never allowed on the Florida Lode because of the failure of the owners to comply with all the necessary requirements; and records in the office of the Recorder of Pima County show that this lode was several times transferred by deed and re-located, and was finally re-located as the Golden Cross lode of this survey. I found the discovery shaft of the Florida lode, a shaft 5 x 7 ft., 82. ft. deep, to be situated on the Golden Cross lode of this survey, bearing from the N.E.C. of the Golden Cross lode S. 28° 53' E., 501. ft. dist. A thorough search by me failed to reveal any of the old monuments of the Florida lode, as they were obliterated in the re-location of the same.

Establishing the conflict of said Florida lode, Survey No. 545, with the Golden Cross & Golden Rod No. 2 lodes of this survey by calculations made from data on the Florida lode as furnished by the Surveyor General for Arizona, I obtain the following:

On line 2-3 Golden Cross lode, at S. $28^{\circ} 53'$ E., 538.24 ft. from Cor. No. 2, I intersect line 1-2 Florida lode at S. $74^{\circ} 45'$ W., 8.48 ft. from and N. $74^{\circ} 45'$ E. 264.52 ft. from Cor. No. 1 Cor. No. 2 thereof; at 614.80 ft. from said Cor. No. 2 Golden Cross lode, on line 2-3 thereof, I intersect line 2-3 Florida lode, at S. $22^{\circ} 30'$ E., 75.0 ft. from Cor. No. 2 thereof; on line 3-4 Golden Cross lode at S. $61^{\circ} 07'$ W., 99.23 ft. from Cor. No. 3, I intersect line 2-3 Florida lode at N. $22^{\circ} 30'$ W., 504.28 ft. from Cor. and S. $22^{\circ} 30'$ E. 965.72 ft. from Cor. No. 2 thereof, No. 3 thereof; on line 4-1 Golden Cross lode, at N. $28^{\circ} 53'$ W., 1064.11 ft. from Cor. No. 4, I intersect line 6-1 Florida lode at N. $68^{\circ} 45'$ E., 4.47 ft. from Cor. No. 6 and S. $68^{\circ} 45'$ W. 295.53 ft. from Cor. No. 1 thereof.

Wherever improvements are located from points other than the various corners of the lodes, the same was done because a greater degree of accuracy was thereby obtainable.

The substantial size and condition of the monuments established by me for this survey are superior and more permanent than any available bearing objects to be found on the ground, the same being quite bare of trees and suitably located rock in place.

The difference in the location of the discovery shaft of the Golden Cross lode, between this survey

and the location, is due to an error in the location.

=====
Variation.

The variation at all corners was $13^{\circ} 30'$ E.

=====
Note.

All erasures, interlineations, and corrections in these notes are due to my inexperience in operating a typewriter, and were all made prior to my signing these notes.

=====
William C. Goetz

Tucson, Arizona, *August 9, 1913* U. S. Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by William C. Goetz

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 _____

Bernard Granville

Copper Glance, Golden Rod, Jack, Golden

known as the Rod No. 2, Golden West, Golden Cross,

and showing the respective capacities in which they acted.

James Sullivan, *Chainman.*

William C. King, *Chainman.*

_____, *Aceman.*

_____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, James Sullivan

and William C. King, do solemnly swear that we assisted William C. Goetz

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

the boundaries of the mining claim of Bernard Granville

Copper Glance, Golden Rod, Jack, Golden

known as the Rod No. 2, Golden West, Golden Cross,

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 instruc-

tions furnished by the United States Surveyor-General for Arizona.

James Sullivan, *Chainman.*

William C. King, *Chainman.*

_____, *Aceman.*

_____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 12th

day of August, 1913

James D. [Signature]
U.S. Commissioner

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, William C. Goetz, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
April 22, 1913., 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 Bernard Granville

, known as the
Copper Glance, Golden Rod, Jack, Golden Rod No. 2,
Golden West, Golden Cross.
situate in Cababi Mining District,

Pima County, Arizona, in ~~Section~~ Secs.
14, 15, 22 & 23
approximately, Township No. 16 S., Range No. 4 E. unsurveyed, G. & S. R. B. & M.
and designated as Survey No. 3070., 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 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.

William C. Goetz
U. S. Mineral Surveyor.

Subscribed and sworn to by the said William C. Goetz
U. S. Mineral Surveyor, before me James P. Damsch a United
States Commissioner for Arizona this 11th
day of August, 1913

James P. Damsch
United States Commissioner
for District of Arizona

Notice of Mining Location.

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Copper Glance Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Bernard Granville, a citizen of the United States

(Locator must insert either "a citizen of the United States" or "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 4th day of January 1913

The length of this claim is 1500 feet, and 1 claim 213 feet in a Northeasterly direction and 1287

feet in a Southwesterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the Northeast to the Southwest

The claim is situated and located in the Cababi Mining District, in Pima County, in the State of Arizona, about 1200 feet in a Northeasterly direction from U.S. Mineral Monument No. 6, and about 8 miles northely from Manager's Store

The surface boundaries of the claim are marked upon the ground as follows: Beginning at 4 X 4" X 4" post in mound of stone

at a point in a Northeasterly direction 213 feet from the discovery shaft (at which this notice is posted) being in the center of the Easterly end line of said claim; thence ~~Northwesterly~~ 310 feet to a 4 X 4" X 4" post in mound of stone being the northeast corner of said claim; thence Southwesterly 1500 feet to a 4 X 4" X 4" post in mound of stone being at the northwest corner of said claim; thence Southwesterly 310 feet to a 4X4" X4" post in mound at the center of the Westerly end of said claim thence Southwesterly 310 feet to a 4X4" X4" post in mound of stone being at the Southwest corner of said claim; thence Northeasterly 1500 feet to a 4X4" X4" post in at the Southeast corner of said claim; thence Northwesterly 310 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 4th day of January 1913

Bernard Granville

*Filed & recorded at request of N. C. Goetz Feb. 5, 1913 at 10-30 A.M.
P. E. Howell County Recorder
By R. M. Shihell deputy.*

Book 11 Records of Mines page 109

STATE OF ARIZONA, }
COUNTY OF PIMA. } ss.

I, P. E. Howell, County Recorder in and for the
County of Pima, State of Arizona, do hereby certify that the above and foregoing is a full, true and correct copy
... Of Location Notice of the
..... Copper glance Mining Claim,

as appears of record now in my office in Book T.T. Records of Mines, Pages.. 109.....

IN WITNESS WHEREOF, I have hereunto set my hand

and affixed my official seal, at my office in Tucson,
this 18th., day of

..... April, A. D. 191 3.

P. E. Howell
.....
County Recorder of Pima County, Arizona.

STATE OF ARIZONA, }
COUNTY OF PIMA. } ss.

I, **P. E. Howell,** County Recorder in and for the
County of Pima, State of Arizona, do hereby certify that the above and foregoing is a full, true and correct copy
Of Notice of Location of the
..... **Golden Rod Mining Claim,**

as appears of record now in my office in Book ... **T. T. Records of Mines**, pages **110**

IN WITNESS WHEREOF, I have hereunto set my hand
and affixed my official seal, at my office in Tucson,
this **18th.**, day of

..... **April**, A. D. 191 **3.**

P. E. Howell
.....
County Recorder of Pima County, Arizona.

Notice of Mining Location.

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Golden Rod Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Bernard Granville; a citizen of the United States

(Locator must insert either "a citizen of the United States" or "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 4th day of January 1913.

The length of this claim is 1500 feet, and 150 feet in a Southeasterly direction and 1350 feet in a Northwesterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 50 ft. S. Westerly & 300 ft. N. Easterly width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the Northwest to the Southeast

The claim is situated and located in the Cababi Mining District, in Pima County, in Arizona, about 1050 feet in a Northerly direction from U.S. Mineral Monument No. 6, and about 8 miles northerly from Manager's Store.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a 4x4"x4" post in mound of stone at a point in a Southeasterly direction 150 feet from the discovery shaft (at which this notice is posted) being in the center of the southerly end line of said claim; thence Northerly 300 feet to a 4x4"x4" post in mound of stone being the Southeast corner of said claim; thence northwesterly 1500 feet to a 4x4"x4" post in mound of stone being at the Northeast corner of said claim; thence Southwesterly 300 feet to a 4x4"x4" post in mound at the center of the Northerly end of said claim thence Southwesterly 50 feet to a 4x4"x4" post in mound of stone being at the Northwest corner of said claim; thence Southeasterly 1500 feet to a 4x4"x4" post in mound of stone at the Southwest corner of said claim; thence Northerly 50 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 4th day of January 1913.

Bernard Granville.

STATE OF ARIZONA, }
COUNTY OF PIMA. } ss.

I, P. E. Howell, County Recorder in and for the
County of Pima, State of Arizona, do hereby certify that the above and foregoing is a full, true and correct copy
..... of Notice of, Location of the

..... Jack Mining Claim,

..... as appears of record now in my office in Book . . T.T. Records of Mines, Pages . . . 111

IN WITNESS WHEREOF, I have hereunto set my hand

and affixed my official seal, at my office in Tucson,

this 18th., day of

..... April, A. D. 1913

P. E. Howell
.....
County Recorder of Pima County, Arizona.

STN

APR 21. 1913

Notice of Mining Location.

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Jack Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Barnard Granville, a citizen of the United States

(Locator must insert either "a citizen of the United States" or "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 4th day of January 19 13

The length of this claim is 1500 feet, and 1 claim 331 feet in a Southeasterly direction and

1169 feet in a Northwesterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the Northwest to the Southeast.

The claim is situated and located in the Cababi Mining District, in Pima County, in the state of Arizona, about 1500 feet in a Northerly direction from U.S. Mineral Monument No. 6 and about 8 miles northerly from Manager's Store.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at A 4X4"X4" post in mound of stone at a point in a Southeasterly direction 331 feet from the discovery shaft (at which this notice is posted) being in the center of the Southerly end line of said claim; thence Northerly 310 feet to a 4X4"X4" post in mound of stone being the Southeast corner of said claim; thence Northwesterly 1500 feet to a 4X4"X4" post in mound of stone being at the Northeast corner of said claim; thence Southwesterly 310 feet to a 4X4"X4" post in mound of stone at the center of the Northerly end of said claim thence Southwesterly 310 feet to a 4X4"X4" post in mound of stone being at the northwest corner of said claim; thence Southeasterly 1500 feet to a 4X4"X4" post in mound of stone at the Southwest corner of said claim; thence Northeasterly 31 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 4th, day of January 19 13.

Barnard Granville

STATE OF ARIZONA, }
COUNTY OF PIMA. } ss.

I, P. E. Howell, County Recorder in and for the

County of Pima, State of Arizona, do hereby certify that the above and foregoing is a full, true and correct copy

..... Of Amended Notice of Location of the Golden Rod #2 Mining Claim,

..... as appears of record now in my office in Book T.T. Records of Mines, Pages 112...

IN WITNESS WHEREOF, I have hereunto set my hand

and affixed my official seal, at my office in Tucson,

this 18th., day of

..... April, A. D. 191 3.

P. E. Howell
County Recorder of Pima County, Arizona.

APR 21 1913

AMENDED Notice of Mining Location. LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Golden Rod No. 2 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Bernard Granville, a citizen of the United States;

(Locator must insert either "a citizen of the United States" or "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 28th day of December 1912

The length of this claim is 1500 feet, and I claim 174 feet in a Northwesterly direction and

1326 feet in a Southeasterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 50ft. southwesterly & 300ft. Northwesterly in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the Northwest to the Southeast

The claim is situated and located in the Pima County, in ^{the State of} Arizona, about 450 feet in a Northeasterly direction from U.S. Mineral Monument No. 6, and about 8 miles northerly from Menager's Store.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at— A 4X4"X4" post in a mound of stones at a point in a Northwesterly direction 174 feet from the discovery shaft (at which this notice is posted) being in the center of the Northerly end line of said claim; thence Southwesterly 50 feet to a 4X4"X4" post in a mound of stones being the northwest corner of said claim; thence Southeasterly 1500 feet to a 4X4"X4" post in a mound of stones being at the Southwest corner of said claim; thence northerly 50 feet to a 4X4"X4" post in a mound of stones at the center of the Southeasterly end of said claim thence northeasterly 300 feet to a 4X4"X4" post in a mound of stones being at the Southeast corner of said claim; thence Northwesterly 1500 feet to a 4X4"X4" post in a mound of stones at the Northeast corner of said claim; thence Southwesterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an amended Location Notice of the Golden Rod No. 2 Mining Claim, located by

~~on the 19th day of December 1912, and recorded in Book 191 of Records of Mines, at page 10, in the office of the County Recorder of the aforesaid county of Pima to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.~~

Dated and posted on the ground this 28th day of December 1912
Bernard Granville.

STATE OF ARIZONA, }
COUNTY OF PIMA. } ss.

I, **P. E. Howell,** County Recorder in and for the
County of Pima, State of Arizona, do hereby certify that the above and foregoing is a full, true and correct copy
Of Amended Notice of Location of the
..... **Golden West Mining Claim,**

as appears of record now in my office in Book **T.T. Records of Mines,** Pages **113**

IN WITNESS WHEREOF, I have hereunto set my hand

and affixed my official seal, at my office in Tucson,

this **18th.**, day of

..... **April,**, A. D. 191... **3.**

P. E. Howell
County Recorder of Pima County, Arizona.

A M E N D E D Notice of Mining Location. LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Golden West Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Bernard Granville, a citizen of the United States

(Locator must insert either "a citizen of the United States" or "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 28th day of December 1912

The length of this claim is 1500 feet, and I claim 587 feet in a Southeasterly direction and 913 feet

in a Northwesterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 ft. southwesterly & 250 ft. northwesterly in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the northwest to the Southeast

The claim is situated and located in the Gababi Mining District, in Pima County, in the State of Arizona, about 1800 feet in a Northwesterly direction from U.S. Mineral Monument No. 6, and about 8 miles northerly from Manager's Store.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at—A 4X4"X4" post in a mound of stones at a point in a Southeasterly direction 587 feet from the discovery shaft (at which this notice is posted) being in the center of the Southerly end line of said claim; thence Southeasterly 300 feet to a 4X4"X4" post in a mound of stones being the Southwest corner of said claim; thence Northwesterly 1500 feet to a 4X4"X4" post in a mound of stones being at the Northwest corner of said claim; thence Northeasterly 300 feet to a 4X4"X4" post in a mound of stones being at the Northeast end of said claim; thence Northeasterly 250 feet to a 4X4"X4" post in a mound of stones being at the Northeast corner of said claim; thence Southeasterly 1500 feet to a 4X4"X4" post in a mound of stones at the Southeast corner of said claim; thence Southwesterly 250 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an amended Location Notice of the Golden West Mining Claim, located by Ed Rochester on the 16th day of October 1910, and recorded in Book P-P of Records of Mines, at page 382 in the office of the County Recorder of the aforesaid county of Pima to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 28th day of December 1912.

Bernard Granville.

STATE OF ARIZONA, }
COUNTY OF PIMA. } ss.

I, P. E. Howell, County Recorder in and for the
County of Pima, State of Arizona, do hereby certify that the above and foregoing is a full, true and correct copy
... Of Amended Notice of Location of the
..... Golden Cross Mining Claim,

as appears of record now in my office in Book T.T. Records of Mines, Pages 114

IN WITNESS WHEREOF, I have hereunto set my hand
and affixed my official seal, at my office in Tucson,
this 18th., day of

..... April, A. D. 1913.
.....
County Recorder of Pima County, Arizona.

APR 21 1913

AMENDED Notice of Mining Location. LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Golden Cross Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Bernard Granville, a citizen of the United States

(Locator must insert either "a citizen of the United States" or "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 28th day of December 1912.
The length of this claim is 1500 feet,
and I claim 500 feet

in a Northwesterly direction and 1000 feet in a Southeasterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300ft. Southwesterly & 350ft. Northwesterly in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the Northwest to the Southeast.

The claim is situated and located in the Cababi Mining District, in Pima County, in the State of Arizona, about 8 miles northerly from xxxxx ~~the~~ xxxxx direction from Manager's Store, and U.S. Mineral Monument No. 6, is situated thereon.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at—A 4X4"X4" post in a mound of stones at a point in a Northwesterly direction 500 feet from the discovery shaft (at which this notice is posted) being in the center of the Northerly end line of said claim; thence Southwesterly 300 feet to a 4X4"X4" post in a mound of stones being the Northwest corner of said claim; thence Southeasterly 1500 feet to a 4X4"X4" post in a mound of stones being at the Southwest corner of said claim; thence Northeasterly 300 feet to a 4X4"X4" post in a mound of stones at the center of the Southerly end of said claim thence Northeasterly 250 feet to a 4X4"X4" post in a mound of stones being at the Southeast corner of said claim; thence Northwesterly 1500 feet to a 4X4"X4" post in a mound of stones at the northeast corner of said claim; thence Southwesterly 350 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an amended Location Notice of the Golden Cross Mining Claim, located by A.W. Tibbals and Chris Minderman on the 16th day of October 1900, and recorded in Book H.H. of Records of Mines, at page 311, in the office of the County Recorder of the aforesaid county of Pima to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 28th day of December 1912.
Bernard Granville.

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

DEPARTMENT OF THE INTERIOR,
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

October 16, 1913.

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

BERNARD GRANVILLE

, known as the COPPER GLANCE, GOLDEN ROD, JACK, GOLDEN ROD NO. 2,
GOLDEN WEST, GOLDEN CROSS.
, situate in CABABI

Mining District, PIMA County,
ARIZONA Approx, in Section s 14, 15, 22&23 Township No. 16 S.,
Range No. 4 E., Unsur.

No. 3070, 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 for each of
or improvements made upon said mining claim by claimant or his grantors, and
that said improvements consist of 22 shafts, 7 cuts, 2 raises, 4 drifts
and 1 crosscut, total value \$8309.00. Improvements Nos. 1 and
2 on the Golden Rod No. 2 lode constitute a system of common
improvements for the benefit and development of this entire
group of claims, and an undivided 1/6 interest, value \$534 and
\$307.50, respectively, therein, is therefore properly credited
to each of the six claims in this survey.

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,

October 16, 1913.

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

BERNARD GRANVILLE

, known as the

COPPER GLANCE, GOLDEN ROD, JACK, GOLDEN ROD NO. 2, GOLDEN WEST, GOLDEN CROSS.

situate in CABABI mining district,

PIMA County, ARIZONA.

Approx. in Sections 14, 15, 22 & 23, Township No. 16 S., Range No. 4 E., Unsur.

designated as Survey No. 3070

executed by William C. Goetz, U. S. Deputy Mineral

Surveyor, May 12-15, 1913, 190, under my instructions dated

April 22, 1913, 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.

[Handwritten signature]

U. S. Surveyor-General for Arizona.