

F.D.
F.D. 9460

FIELD NOTES.

Of the survey of the Mining Claim known as the
Graham and Cecil Placer Mine.

Claimed by
Henry C. Roberts.

Located in San Gabriel Mining District , in Los
Angeles County, California, Township No. 2 North , Range
No. 9 west, San Bernardino Meridian, on unsurveyed land.

Executed by John Goldsworthy , U.S. Deputy Mineral
Surveyor and reported under instructions from J.R. Hard-
enbergh, U.S. Surveyor General for California, dated
August 9, 1872.

Survey commenced September 2, 1871

Survey completed September 3, 1871

Traverse Line

Course

Chains

In order to connect this mine
with the Government Survey,

I commenced at a point on the San Bernardino Base Line at the corner to Sections 2 and 3 , in Township 1 south and 34 and 35, in Township 1 north, Range No. 10 west , San Bernardino Meridian.

From which point I took the bearing to flag on $\frac{1}{4}$ section corner between sections 3 and 34 in Township 1 south , Range 10 west and Township 1 north, Range 10 west and found the Variation 14° 15' East

From commencing point on the Base Line at corner to sections 2 and 3 , 34 and 35, Township 1 north, Range 10 west, and Township 1 south, Range 10 west

I run:

Stake	Course	Chains
1	North	130.00
2	West	10.00
3	North	58.00
4	N.18°30'E.	26.60
5	N.79°26'E.	19.18
6	N.62°05'E.	46.72
7	S.50°40'E.	19.92
8	N.49°15'E.	9.57
9	N. 27°55'W.	20.00
10	N. 7°45'E.	22.70
11	S.74°41'E.	8.00

Stake	Course	Chains
12	S.30°06'E.	22.50
13	N.23°54'E.	7.00
14	N.12°15'W.	12.50
15	N.23°15'E.	20.54
16	N.25°20'E.	8.60
17	S.88°10'E.	3.14
18	S.60°37'E.	12.95
19	N.57°00'E.	5.50
20	N.12°10'E.	17.00
21	N. 2°30'E.	12.00
22	N.51°40'E.	18.60
23	S.57°50'E.	27.85
24	N.54°22'E.	12.60
25	N.15°43'W.	17.28
26	N.15°32'E.	16.60
27	N.46°47'E.	51.00
28	N. 1°47'W.	31.62
29	N.60°13'E.	8.90
30	S.53°00'E.	15.00
31	N. 7°25'E.	28.00
32	N.28°07'W.	14.28
33	N.36°12'W.	5.64
34	N.25°12'W.	7.07
35	N. 5°00'W.	5.16
36	S.78°00'W.	9.72
37	N.40°30'W.	13.00
38	N.34°00'E.	3.94
39	N.83°15'E.	16.74
40	N.12°45'W.	13.89
41	N.35°00'E.	10.12

Stake	Course	Chains
42	S.62°55'W.	18.14
43	N.27°45'E.	45.70
44	N.33°05'E.	30.80
45	N.57°25'E.	9.50
46	N.15°37'E.	47.45
47	N.29°10'E.	11.26
48	N.49°55'E.	20.31
49	North	5.00
50	East	60.00
51	North	5.00
52	East	20.00
53	South	10.00
54	East	80.00

To Station 55 the end of my Traverse, having reached a point just eight miles north and six miles east of the beginning point of my Traverse For Station 55, I set a post in mound of rocks on the southern slope of steep side hill, marked H.C.R.No. 1 for the N.W. cor. and point of beginning of the Graham and Cecil Placer Mine Claimed by H.C. Roberts, Thence

Survey of Exterior Boundaries.

From Station 55, the point of

beginning of the Graham and
Cecil Placer Mine, I run
Variation 14° 15' East

South

3.00 Through underbrush
To base of steep spur

6.00 To ravine , course S.S.W.

10.00 To edge of Mesa on North side
of San Gabriel Canon

12.00 To sycamore tree 6 ins. diam.
marked L.T. (for line tree)
at base of hill

Enter San Gabriel Canon.

13.00 To San Gabriel River, 28 links
wide

15.00 To a point from which
A large lone granite rock, 12
feet long, 6 ft. wide, 7 feet
high, bears S. 71°E. distant
82 links to apex.

17.50 To base of hill on south side of
San Gabriel Canon

1320 20.00 Set post marked "H.C.P.No. 2"
in mound of rock on small flat
at base of hill on south side
of San Gabriel Canon, for the
S.W. corner of the Graham and
Cecil Placer Mining Claim,
Thence

Variation 14°15'E.

East 8.00 To base of flat

Enter San Gabriel Canon.

11.00 To San Gabriel river, 40 links wide

15.00 To base of steep hill on north side of San Gabriel Canon
Set post in mound of rocks, marked H.C.R. No. 3 for Station No 3 of the Graham and Cecil Placer Mining Claim.

Thence

Variation 14° 15' East

South 4.00 To San Gabriel river

4.50 To base of Cape Horn rock on south side of San Gabriel Canon

5.00 Set post H.C.R. No. 4 in mound of rock 30 feet up the side of Cape Horn rock for station No. 4 of the Graham and Cecil Placer Mining Claim, from which.

Two white oak trees, about 8 in diameter, blazed on the N.E. side, bear S.W. distant the most easterly 15 links and the most westerly 16 links ,

Thence

Variation 14° 15' East

East 2.00 To base of Cape Horn rock and San Gabriel river, 30 links wide.

Stake	Course	Chains	
		5.00	To west end of Gold Bar on the north side of San Gabriel canon 1.50 chains north of line.
			<p>Note:-</p> <p>This bar is a small $\frac{1}{4}$ moon-shaped piece of land, said to have been rich in gold, about 7.00 chains long east and west and from 1 to 2 chains wide, and is separated from the base of the hills on the north side of the canon by an old river channel about 1.50 chains wide.</p> <p>There is also a small flat of land of about 2 acres to the N.E. , course N.E.</p>
		9.00	To base of gold bar
		12.00	To north end of gold bar, 1.50 chains north.
		15.00	To San Gabriel river, 50 links wide
		21.00	To base of hill on south side of canon
		25.00	<p>Set post H.C.R. No. 5 in mound of rock in a small flat on south side of San Gabriel canon for Station No. 5 and the S.E. corner of the Graham and Cecil Placer Mining Claim</p> <p>Thence</p>

Stake	Course	Chains	
			Variation 14° 15' East
	North	5.00	To edge of flat
		9.40	To San Gabriel river, 40 links wide
		11.00	To base of Cliff several hundred feet high, on north side of San Gabriel canon
			Set post H.C.R. No. 6 in mound of rocks on shelf in cliff , about 5 feet high for Station No. 6 of the Graham and Cecil Placer Mining Claim
			Thence
			Variation 14° 15' East
	N.48°15'W.	0.50	To base of steep spur
		4.50	To summit of spur, course S.S.W. about 10 chains
		8.50	To ravine, course S.S.W.
		13.45	Set post H.C.R. No. 7 in mound of rocks on east side of steep spur for station No. 7 of the Graham and Cecil Placer Mining Claim, from which A large bare rock bears east distant 50 links
			Thence
			Variation 14° 15' East
	N.80° W.	2.00	To summit of spur, course S.W. about 6.00 chains and terminates in flat.

- 6.00 To ravine, course S.W. to river
- 16.00 To summit of spur, course south about 4 chains and terminates on flat.
- 24.25 To ravine, course S.W.
- 27.00 To summit of spur, course S.W. 5 chains
- 28.00 To ravine, course S.S.W.
- 29.00 To summit of spur, course S.S.W. about 3.00 chains.
- 30.25 To Station No. 55 at the end of my Traverse Line and Post marked H.C.R. No. 1 the point of beginning of the Graham and Cecil Placer Mining Claim, which point bears from the nearest point of Public Survey N. 36°52'12"East.

N.36°52'12"E.800.00 Distant 800.00 chains from the corner to sections 2 and 3 in Township 1 south and 34 and 35 in Township 1 north , Range No. 10 west, San Bernardino Meridian.

From the above calculation I find that if the line of public survey should be extended over this region , the Graham and Cecil Placer Mining Claim will be found in Township 2 north, Range 9 west, San Bernardino

Stake	Course	Chains
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Meridian.

This Claim contains $75\frac{10}{100}$ acre

As surveyed by me in the month
of September , 1871

JOHN GOLDSWORTHY,

U.S. Deputy Mineral Survey

Subscribed and sworn to)
before me, this 23, day) (Notarial)
of December, A.D. 1872.) (Seal)

A.W. HUTTON,

Notary Public.

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REPORT.

This mine is a gold-bearing Placer Mining Claim, containing free gold; and is situated on the north side of the San Gabriel river in the San Gabriel Mining District, Los Angeles County, California, and consists of a bank of free gravel (not cement) from 50 to 150 feet high, about $\frac{1}{2}$ mile long, and from 10 to 20 chains wide, course east and west, over-lying a shelf of granite rock projecting from the hills on the north side of the canon, from 100 to 200 feet above the present river bed.

The character of the gravel is of a reddish clay, mixed with granite and quartz pebbles, varying in size from fine sand up to boulders of several hundred pounds.

The gold is of a fine quality, varying in size from fine sand up to pieces about the size of the common bean, and is worth from \$ 17 to \$ 19 per ounce. It is diffused throughout the whole mass from the surface to the bed-rock, but is richer on the bed-rock.

In times past this mine has been worked by means of tunnels run in on the bed-rock, and carting the earth to the river to be washed; but it is now proposed to work it by means of hydraulic power, and in order to do so it will be necessary to bring in a ditch some three and a half miles in length, from the San Gabriel river above the chain.

When I was on the ground, the ditch (4 feet wide on top) 3 feet wide on the bottom and $2\frac{1}{2}$ feet deep , was completed for a distance of about $2\frac{3}{4}$ miles, at a cost of at least from four to six thousand dollars.