

REGISTER
— OF —
MINES AND MINERALS
EL DORADO COUNTY

CALIFORNIA

— ISSUED BY THE —
STATE MINING BUREAU

Ferry Building

San Francisco

LEWIS E. AUBURY
State Mineralogist

TRUSTEES

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Data Collected April, 1902

THE Register of Mines and Minerals of the State of California, issued by the State Mining Bureau, is intended to give information concerning the gold mines—quartz, hydraulic, drift, placer, etc.—as well as a list of mills and arrastras; and also to give corresponding information relating to each of the various mineral substances mined or commercially utilized in the State.

This forms practically both a State and County Directory of the mines of California, the Register being printed so that each county is represented in a separate pamphlet. The Register will answer for the guidance of those who want to look at any particular mine, or to learn the essential facts concerning it.

Of course some names may be omitted owing to the reluctance or indifference of the owner or superintendent in furnishing the necessary data, or by being overlooked by the Field Assistant of the Bureau.

It is intended, however, that in time such omissions will be filled in, and in that event a supplement will be published and attached to the Register of each county. Such supplements will contain not only corrections to date, but the names of all new properties and owners.

It has been the intention of the State Mineralogist to obtain the desired information concerning the mines and minerals and to publish only the essential facts in as condensed a shape as possible. For this reason the tabular form has been adopted, so as to reduce the verbiage necessary in a printed report of the ordinary character, where the essential description, slightly varied, must be repeated in each paragraph.

Those things only are published which are of general interest and which the mine-owner has no reason to object making public. It is not considered the province of the Bureau to "expert" mining properties or to pass on their standing or value one way or another. Should more detailed information be desired by any individual, the addresses of owner and superintendent are given, and they may be communicated with.

At the same time the figures given under "developments" will show at once whether the mine is a fully developed one or a prospect, so that any possible misrepresentation may be checked.

The information printed is of such a character that it cannot do any injury to the reputation of the mine described, but will be of service to the owners and to the public. In order to have the data as correct as possible, only actual residents of the respective counties, familiar with their own localities, have been employed as Field Assistants to prepare the Register.

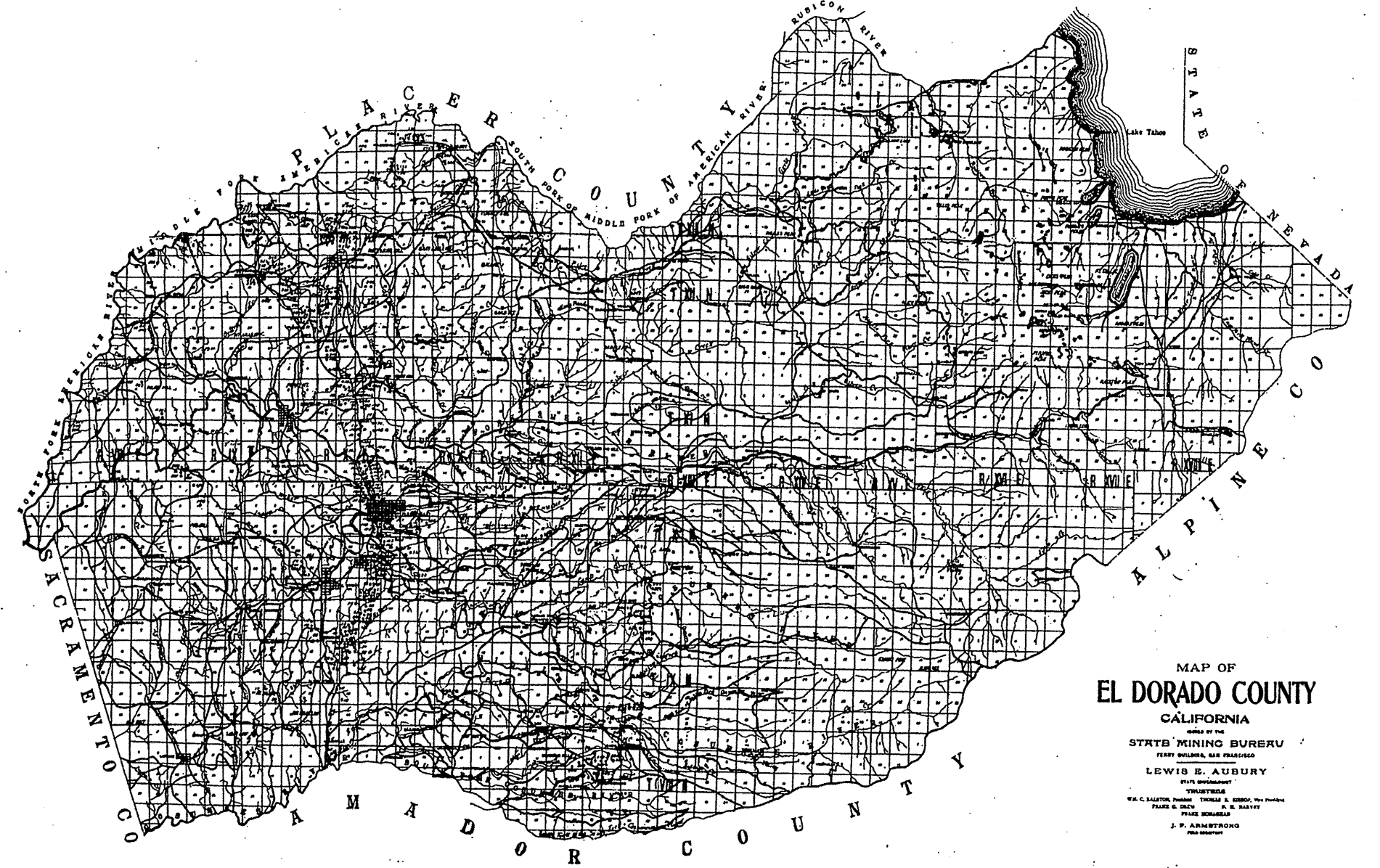
To accompany the printed Register is a topographical map of each county, showing all mineral locations, etc. These maps are on the large scale of two miles to one inch and produced in three colors. The mines are numbered in the table, and a corresponding number on the map indicates the exact location. One may find from this approximately how far he must go from any specified town or station to reach any particular mine, and may learn the location of railroads, roads, trails, etc.

The object of this publication is to give, in as condensed and convenient form as possible, such information concerning the mines of California as is generally sought by intending investors or others interested, and to show the location of each mine in the respective counties.

Registers of all the counties of the State will be given to the public as soon as the work in each is completed and can be published.

It is earnestly requested, if any errors or omissions are noted, that the proper corrections will be sent at once to the State Mineralogist, State Mining Bureau, Union Ferry Building, San Francisco, Cal.

LEWIS E. AUBURY,



MAP OF
EL DORADO COUNTY
CALIFORNIA
ORDERED BY THE
STATE MINING BUREAU
PERRY DILLON, SAN FRANCISCO
LEWIS E. AUBURY
STATE ENGINEER
THOMAS H. HARRIS
W. C. SALTUS, PUBLISHER THOMAS H. HARRIS, THE PUBLISHER
PAUL G. DAVIS
PAUL G. DAVIS
J. P. ARMSTRONG
SAN FRANCISCO

Cretaceous



Mariposa Slates, Brother Lodge, Gold,
Roofing Slates, etc.

Carboniferous



Calaveras Formation. Gold.

Serpentine



Chrome Iron Deposits.

Contact



Mica and Quartz Schists. Copper
Deposits.

NA.—Andesite.

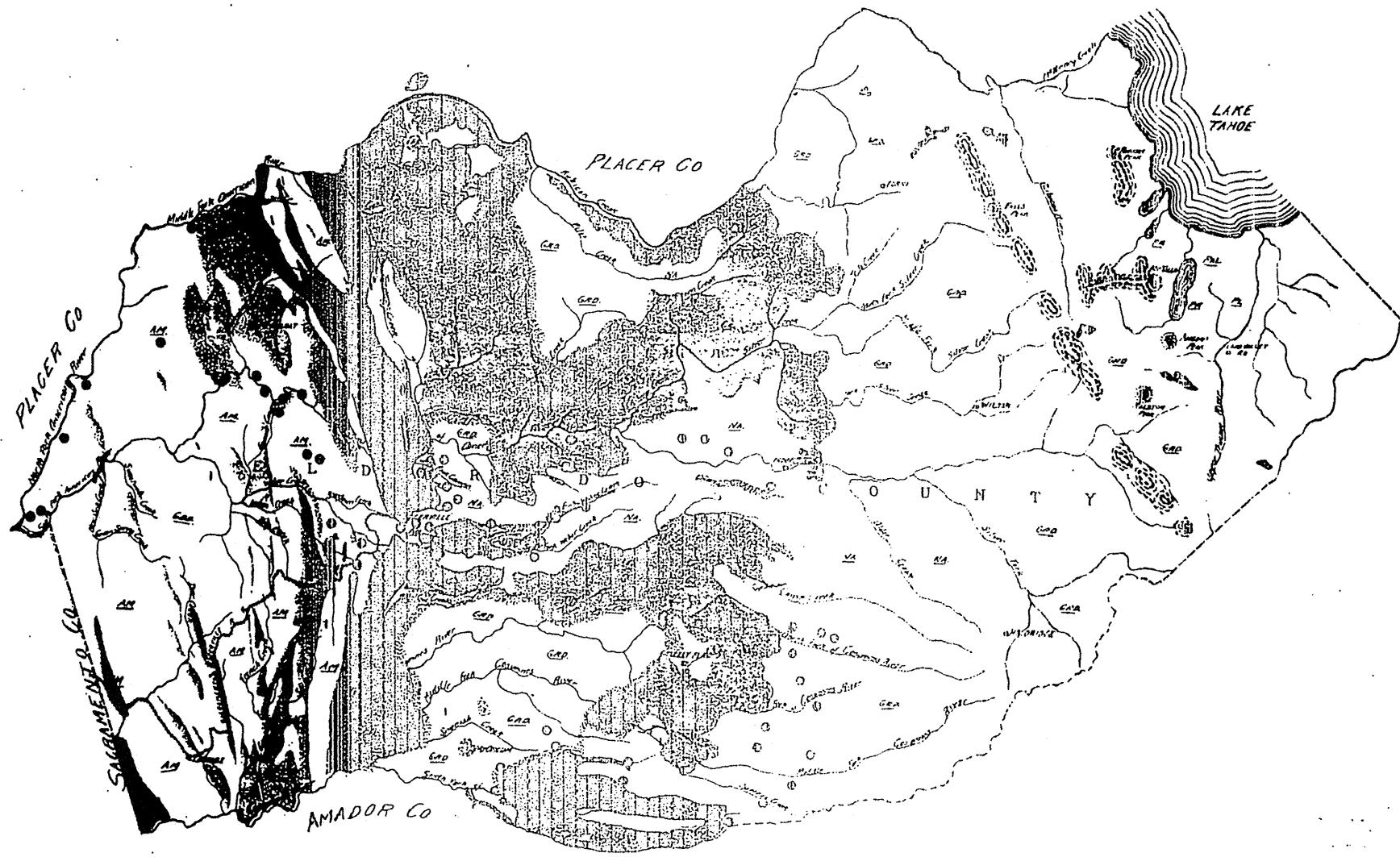
GBD.—Gabbrodiorite.

AM.—Amphibolite; copper deposits, gold quartz.

PAL.—Alluvium; bottom lands.

PL.—Lake Beds; sand, gravel.

PM.—Moraines.



- Placers.
- | Quartz Veins.

ECONOMIC GEOLOGICAL MAP OF
EL DORADO COUNTY

ISSUED BY

The California State Mining Bureau

LEWIS E. AUBURY, State Mineralogist

REGISTER OF MINES AND MINERALS OF CALIFORNIA—QUARTZ MINES

	NAME OF MINE.	NEAREST TOWN OR P. O.	LOCATION.				WHETHER PATENTED.	ELEVATION.	NUMBER OF VEINS.	WIDTH OF VEIN.	STRIKE.	DIP.	CHARACTER OF ORE.	HANGING WALL.	FOOT WALL.	DEVELOPMENTS.						GREATEST DEPTH BELOW OUTCROP.	MILL.	POWER.	NUMBER OF MEN EMPLOYED.	COMPANY, OWNER OR SUPERINTENDENT		REMARKS.
			SECTION.	TOWNSHIP.	RANGE.	MAP No.										SHAFT.	INCLINE.	OPEN CUT.	TUNNEL.	DRIFTS.	NAME.					ADDRESS.		
1	Adams Gulch.....	Nashville.....	25	9	10	13	no	1000	1	4	E of N	E	Free milling, 2½ galena sulphurets.....	Slate.....	Slate.....	Feet. 100	Feet.	Feet.	Feet.	Feet.	Feet.				J. C. Heald.....	Nashville.....		1
2	Alabama.....	El Dorado.....	13	9	10	33	no	1400	2	3-4	E of N	E	Free milling, 2½ galena sulphurets.....	Slate.....	Slate.....	Feet. 100	Feet.	Feet.	Feet.	Feet.	Feet.				A. Harpending (Manager).....	El Dorado.....		2
3	Alhambra.....	Kelsey.....	7	11	11	189	yes	2500	5	1-2	W of N	Nearly vert.	Free milling, ribbon, with sulphurets.....	Black porphyry.....	Porphyry and slate.....	Feet. 80	Feet.	Feet.	Feet.	Feet.	Feet.			20	Bonded to John Sipp.....	Kelsey.....		3
4	Alpine.....	Georgetown.....	15, 16	12	10	239	no	2550	5	30' 12' 6' 4'	W of N	E	Free milling, ribbon, with sulphurets.....	Slate.....	Porphyry and slate.....	Feet. 280	Feet.	Feet.	Feet.	Feet.	Feet.				G. H. Harn (Supt.).....	Georgetown.....	Lucera Mining Co., Inc., Los Angeles	4
5	Amazon.....	Kelsey.....	11	11	10	182	no	2000	1	10	W of N	E	Free milling, ribbon, with sulphurets.....	Slate.....	Porphyry and slate.....	Feet. 240	Feet.	Feet.	Feet.	Feet.	Feet.				William Burton.....	Kelsey.....		5
6	Amador (Julia Beard).....	El Dorado.....	12, 13	9	10	34	no	1400	3	2-4-6	E of N	E	Free milling, ribbon, with sulphurets.....	Slate.....	Porphyry and slate.....	Feet. 90	Feet.	Feet.	Feet.	Feet.	Feet.				Union Gold Mining Co.....	326 Sansome st., S. F.	A. Harpending (Manager).....	6
7	Argonaut (Aultman).....	Greenwood.....	17	12	10	236	no	1900	1	40	W of N	E	Free milling, ribbon, with sulphurets.....	Diorite.....	Slate.....	Feet. 500	Feet.	Feet.	Feet.	Feet.	Feet.				John Smith.....	Greenwood.....		7
8	Arline.....	Diamond Springs.....	6	9	11	57	no	1800	2	1½-4	W of N	Vert.	Free milling, ribbon, with sulphurets.....	Diorite.....	Slate.....	Feet. 65	Feet.	Feet.	Feet.	Feet.	Feet.				W. W. Hoyt.....	Diamond Springs.....		8
9	Asbestos.....	Georgetown.....	6	11	11	192	yes	2500	zone	10'	NE & SW	W	2 quartz stringers, soapstone, asbestos, serpentine	Slate.....	Slate.....	Feet. 300x125	Feet.	Feet.	Feet.	Feet.	Feet.				T. D. Manson.....	1524 L st., Sacramento		9
10	Athens.....	Georgetown.....	1	12	10	270	no	3100	1	10'	W of N	E	Free milling, ribbon, with sulphurets.....	Slate.....	Porphyry.....	Feet. 50	Feet.	Feet.	Feet.	Feet.	Feet.				G. Demetre.....	Georgetown.....		10
11	Atlanta.....	Kelsey.....	7	11	11	188	yes	2500	3	1-2	W of N	E	Free milling, ribbon, with sulphurets.....	Slate.....	Slate.....	Feet. 60	Feet.	Feet.	Feet.	Feet.	Feet.				Bonded to John Sipp.....	Kelsey.....		11
12	Atlantic.....	Placerville.....	17	10	11	120	no	2050	1	8	W of N	E	Free milling, ribbon, with sulphurets.....	Slate.....	Slate.....	Feet. 70	Feet.	Feet.	Feet.	Feet.	Feet.				Atlantic Mining Co.....	Placerville.....	Joseph Ziegler, prin. owner, Placerville	12
13	Balmaceda.....	Nashville.....	35	9	10	12	no	800	1	6	E of N	Nearly vert.	Free milling, ribbon, with sulphurets.....	Slate.....	Slate.....	Feet. 80	Feet.	Feet.	Feet.	Feet.	Feet.				J. C. Heald.....	Nashville.....		13
14	Baltic (group).....	Park.....	23	10	13	319	no	4000	1	2-4	N & S	E	Free milling, ribbon, with sulphurets.....	Slate.....	Porphyry.....	Feet. 130	Feet.	Feet.	Feet.	Feet.	Feet.				Reeg & Solariosi.....	Placerville.....		14
15	Baltic.....	Placerville.....	36	11	10	155	yes	2000	4	4-12	E of N	E	Free milling, ribbon, with sulphurets.....	Slate.....	Greenstone.....	Feet. 500	Feet.	Feet.	Feet.	Feet.	Feet.				Heirs of J. Melton & E. W. Witmer	Placerville.....		15
16	Bantam.....	Georgetown.....	36	11	10	158	no	2000	2	3-4	W of N	E	Free milling, ribbon, with sulphurets.....	Slate.....	Slate.....	Feet. 500	Feet.	Feet.	Feet.	Feet.	Feet.				Heirs of J. Melton & E. W. Witmer	Placerville.....		16
17	Barney.....	Georgetown.....	22	12	10	233	no	2700	3	4-5-6	N & S	E	Free milling, ribbon, with sulphurets.....	Slate.....	Slate.....	Feet. 100	Feet.	Feet.	Feet.	Feet.	Feet.				Fred Schneider.....	Georgetown.....		17
18	Barnes Eureka.....	El Dorado.....	28, 33	10	10	58	no	1500	5	2-5	N & S	E	Spar with telluride of gold.....	Greenstone.....	Diabase.....	Feet. 300	Feet.	Feet.	Feet.	Feet.	Feet.				Berry, Robinson & Blair.....	Placerville.....		18
19	Beattie.....	Georgetown (Georgia Slide).....	34	13	10	278	no	2450	zone	4	N & S	E	Quartz stringers, with slate and porphyry	Slate.....	Slate.....	Feet. 250	Feet.	Feet.	Feet.	Feet.	Feet.				Beattie Mining Co.....	Georgia Slide.....		19
20	Bell.....	Placerville.....	36	11	10	139	no	2000	4	4-12	W of N	E	Free milling, with sulphurets.....	Slate.....	Greenstone.....	Feet. 150	Feet.	Feet.	Feet.	Feet.	Feet.				Heirs of J. Melton & E. W. Witmer	Placerville.....		20
21	Bell.....	Placerville.....	6	10	11	100	no	2000	4	4-12	E of N	E	Free milling, with sulphurets.....	Slate.....	Slate.....	Feet. 800	Feet.	Feet.	Feet.	Feet.	Feet.				River Hill M. & M. Co.....	Thos. Clark (Man.) Placerville	Worked through the Gentle Annie shaft.....	21
22	Bidstrup.....	El Dorado.....	11	9	10	47	no	1800	1	1½	N & S	W	Free milling, with sulphurets.....	Granite.....	Granite.....	Feet. 35	Feet.	Feet.	Feet.	Feet.	Feet.				F. T. Bidstrup.....	El Dorado.....		22
23	Big Cañon (Oro Fino).....	Canyon.....	29	9	10	16	yes	850	zone	20-30	N & S	Nearly vert.	Altered diabase, heavily impregnated with sulphurets.....	Serpentine.....	Diabase.....	Feet. 200	Feet.	Feet.	Feet.	Feet.	Feet.				Hayward, Lane.....	San Francisco.....		23
24	Big Chunk.....	Kelsey.....	24	11	10	170	no	2200	2	4	E of N	E	Free milling, with sulphurets.....	Slate.....	Soapstone.....	Feet. 100	Feet.	Feet.	Feet.	Feet.	Feet.				Callen & Kinney.....	Kelsey.....		24
25	Big Four.....	Garden Valley.....	34	12	10	217	no	1850	1	30	W of N	E	Free milling, with sulphurets.....	Slate.....	Porphyry.....	Feet. 100	Feet.	Feet.	Feet.	Feet.	Feet.				W. H. Rhodes & Co.....	Garden Valley.....		25
26	Big Sandy.....	Kelsey.....	24	11	10	169	no	2000	3	12	W of N	E	Free milling, with sulphurets.....	Slate.....	Mariposite.....	Feet. 340	Feet.	Feet.	Feet.	Feet.	Feet.				Big Sandy Mining Co.....	Toledo, Ohio (owners) J. T. Kelly (Supt.), Kelsey.....		26
27	Big Tunnel.....	Placerville.....	6	10	11	135	no	1400	1	8	E of N	E	Free milling, with sulphurets.....	Slate.....	Slate.....	Feet. 762	Feet.	Feet.	Feet.	Feet.	Feet.				River Hill M. & M. Co.....	Thos. Clark (Man.) Placerville		27
28	Black Hawk.....	Kelsey.....	24	11	10	167	no	2000	1	4-6	W of N	W	Free milling, with sulphurets.....	Slate.....	Porphyry.....	Feet. 75	Feet.	Feet.	Feet.	Feet.	Feet.				Reeg & Blair (owners).....	Placerville.....		28
29	Blackiston Crystal.....	Placerville.....	29, 32	11	11	384	yes	2100	2	30	W of N	E	Quartz and porphyry.....	Granodiorite.....	Slate.....	Feet. 42	Feet.	Feet.	Feet.	Feet.	Feet.				John Blackiston.....	Placerville.....		29
30	Black Jack.....	Pilot Hill.....	33	12	9	260	no	900	1	1½-2	W of N	E	Base heavily sulphureted.....	Slate.....	Slate.....	Feet. 75	Feet.	Feet.	Feet.	Feet.	Feet.				James Rice.....	Tustin, Cal		30
31	Black Rock.....	Greenwood.....	33, 34	12	12	308	yes	1600	3	4	W of N	E	Free milling, ribbon, 2% sulphurets.....	Granodiorite.....	Slate.....	Feet. 130	Feet.	Feet.	Feet.	Feet.	Feet.				John Smith.....	Greenwood.....		31
32	Blue Bird.....	Placerville.....	18	12	12	308	no	4000	1	4	W of N	E	Free milling, ribbon, 2% sulphurets.....	Slate.....	Granodiorite.....	Feet. 300	Feet.	Feet.	Feet.	Feet.	Feet.				H. S. Morey.....	Placerville.....		32
33	Blue Bluffs.....	Kelsey.....	7	11	11	187	no	1800	4	1	W of N	E	Free milling, ribbon, 2% sulphurets.....	Slate.....	Greenstone.....	Feet. 50	Feet.	Feet.	Feet.	Feet.	Feet.				J. E. Hanley & J. Peters.....	Kelsey.....		33
34	Blue Gorge.....	Park.....	21	10	13	317	no	4000	2	8-25	NW & SE	75° E	Free milling, ribbon, 2% sulphurets.....	Mineralized slate.....	Calaveras slate.....	Feet. 50	Feet.	Feet.	Feet.	Feet.	Feet.				Richard A. Parker.....	4 P. O. square, Boston		34
35	Blue Ledge.....	Kelsey.....	6	11	11	190	yes	2200	1	4-10	W of N	E	Free milling, ribbon, 2% sulphurets.....	Serpentine.....	Slate.....	Feet. 400	Feet.	Feet.	Feet.	Feet.	Feet.				Witmer, Varozza & Schrater	Placerville.....		35
36	Blue Rock (seam).....	Georgetown (Georgia Slide).....	34	13	10	279	no	2450	zone	4	N & S	E	Quartz stringers, in slate and porphyry	Slate.....	Slate.....	Feet. 250	Feet.	Feet.	Feet.	Feet.	Feet.				James Flinn et al.....	Georgia Slide.....		36
37	Bonanza.....	Pleasant Valley.....	15	10	13	316	no	4000	1																			

REGISTER OF MINES AND MINERALS OF CALIFORNIA—QUARTZ MINES

NAME OF MINE.	NEAREST TOWN OR P. O.	LOCATION.				WHETHER PATENTED.	ELEVATION.	NUMBER OF VEINS.	WIDTH OF VEIN.	STRIKE.	DIP.	CHARACTER OF ORE.	HANGING WALL.	FOOT WALL.	DEVELOPMENTS.					GREATEST DEPTH BELOW OUTCROP.	MILL.	POWER.	NUMBER OF MEN EMPLOYED.	COMPANY, OWNER OR SUPERINTENDENT		REMARKS.		
		SECTION.	TOWNSHIP.	RANGE.	MAP No.										SHAFT.	INCLINE.	OPEN CUT.	TUNNEL.	DRIFTS.					NAME.	ADDRESS.			
56 Cheek and Last Chance.....	Georgetown	15	12	10	240	no	2600	1	7	W of N	E	Free milling.	Slate	Slate	Feet. 85				85							Estate of Geo. W. Dent.	San Francisco	56
57 Chester.....	Placerville	18	10	11	123	"	1875	1	11	W of N	75° E	"	"	"				310	340	130				25	El Dorado Wtr & Dp Gravel M Co	Placerville	57	
58 Church.....	El Dorado	12	9	10	53	yes	1180	2	4-6	N & S	E	Free milling, 1½ sulphurets.	"	"	1350						10-stamp	water			Church Developing Co.	C. C. Clark (Supt.)	58	
59 Cincinnati.....	Diamond Springs	30	10	11	88	"	2000	3	4-10	E of N	E	"	"	"				200		30					Thomas Alderson	Placerville	59	
60 Cinnamon Bear.....	Placerville	36	11	10	159	no	2100	1	4½	W of N	60° E	"	"	"				720	320	160	120				El Dorado Wtr & Dp Gravel M Co	"	60	
61 Climax.....	"	18	10	11	116	"	1950	1	5	W of N	50° E	"	"	"					400	250	144				"	"	61	
62 Collins and Bacchi.....	Garden Valley	28	12	10	222	yes	2400	1	3	W of N	E	"	"	Porphyry.									2	Collins & Bacchi	Garden Valley	62		
63 Coloma Con.....	"	28	12	10	224	"	2400	zone		W of N	E	Quartz stringers in porphyry	Slate.	Diorite	40				60	40					J. C. Brown	"	63	
64 Concordia.....	Diamond Springs	30	10	11	87	"	2040	3	4-10	E of N	E	Free milling	"	"				200		50					Thomas Alderson	Placerville	64	
65 Cousin Jack.....	Omo Ranch	29	9	13	338	no	3750	1	1-4	N & S	60° W	"	"	"					100		50				Associated Mines Devel Co	402 Currier Bldg. Los Ang	65	
66 Cranes Gulch.....	Georgetown	15	12	10	242	yes	2600	zone		W of N	E	Quartz stringers in slate	"	"				300		100					Cal Water & Mining Co.	Georgetown	66	
67 Creole.....	Omo Ranch	32	9	13	342	"	3500	1	6	N & S	Vert.	Free m'ling, with high grade sulphurets.	Granite	Granite.											L. L. Alexander, Pres	468 Prospect ave., Oakland	67	
68 Creole North.....	"	32, 33	9	13	344	"	3500	1	2-3	E & W	S	"	"	"				Waze 70		300	135				Charity Gold Mining Co.	"	68	
69 Crown Point.....	Diamond Springs	31	10	11	76	"	1800	3	3-4	E of N	E	"	"	"											James Richard	Placerville	69	
70 Crystal Hill.....	El Dorado	18	9	11	55	no	1100	1	12	E of N	E	"	"	"				50		50					M. J. Williams	El Dorado	70	
71 Crystal.....	Cool	33	12	9	256	"	900	1	5	W of N	E	"	"	"											Richard Cook	Loomis, Placer Co.	71	
72 Crystal.....	Omo Ranch	32	9	13	343	yes	3500	1	6	E of N	S	"	"	"											Charity Gold Mining Co.	L. L. Alexander, Pres	72	
73 Crystal.....	Canyon	18	9	10	19	"	800	1	20"	N & S	E	"	"	"											Hall, Luhrs & Co.	Sacramento	73	
74 Dalmatia.....	Kelsey	13	11	10	173	"	2000	1	27	W of N	25° E	"	"	"											William H Bell	Kelsey	74	
75 Dan Wickham.....	El Dorado	13, 24	9	10	24	"	1500	3	8-3-4	N & S	E	"	"	"				30		35					Mason & Culbertson	Placerville	75	
76 Darling (Chanced Upon).....	Georgetown	33	12	1	193	no	2700	1	4	W of N	E	"	"	"												P. G. Galpin	45 Crocker Bldg, S. F.	76
77 Davey.....	Placerville	7	10	11	125	"	1930	1	3	W of N	60° E	"	"	"												El Dorado Wtr & Dp Gravel M Co	Placerville	77
78 Davidson.....	El Dorado	22, 27	10	10	3-3	yes	1700	2	2-5	W of N	E	"	"	"												Davidson Gold Mining Co	El Dorado	78
79 Defender.....	Diamond Springs	6	9	11	65	no	1650	2	4	E of N	45° E	"	"	"												CW.Raymond & W.Tanner	Diamond Springs	79
80 Deposit.....	"	31	10	11	69	"	1800	2	2½-3	E of N	E	"	"	"												J. A. Kock	"	80
81 Durango.....	El Dorado	23	9	10	22	"	1700	1	4	E of N	E	"	"	"												J. R. Vandergriff	Indian Diggings	81
82 Eagle.....	Grizzle Flats	9	9	13	328	yes	3800	2	1½-5	E of N	Nearly vert.	"	"	"												L. J. Kendrick	San Francisco	82
83 Eagle King.....	"	4, 9	9	13	326	"	4000	2	1-6	E of N	"	"	"	"												Heirs of J. Melton & E. W. Witmer	Placerville	83
84 East Belt.....	"	26	9	13	337	no	3300	2	3½-5	NE & SW	Vert.	"	"	"												J. H. Bradley	"	84
85 East Mother Lode.....	Diamond Springs	31	10	11	72	yes	1800	1	5	E of N	E	"	"	"												Clyde Jackson	1011 7th ave., Oakland	85
86 Eden.....	"	20	10	11	95	"	2000	1	4	N & S	E	"	"	"												Thomas Alderson	Placerville	86
87 Electric Con.....	Placerville	6	10	11	133	"	2000	4	1-10	W of N	E	"	"	"												Heir of J. Melton & E. W. Witmer	"	87
88 Elliott.....	Diamond Springs	31	10	11	70	no	1800	1	3	E of N	E	"	"	"												John Elliott (owner)	"	88
89 Emma.....	Garden Valley	21	12	10	225	yes	2400	zone		W of N	E	Quartz stringers in slate and porphyry	"	"												F. M. Bell	Garden Valley	89
90 England.....	Georgetown	3	12	10	275	"	2750	"	40	W of N	E	"	"	"												F. LeBrouf	Georgetown	90
91 Epley.....	Placerville	20	10	11	102	"	1800	1	4-16	E of N	55° E	Free milling, sulphurets	"	"				310	108	950	580	310				El Dorado Wtr & Dp Gravel M Co	Placerville	91
92 Esperanza.....	Garden Valley	28	12	10	220	"	2460	3	2	W of N	E	"	"	"				600								Haswell Bros	Chester, England	92
93 Essex.....	Diamond Springs	20	10	11	96	yes	2000	1	6	N & S	E	Free milling, ribbon	Slate	Diorite												Thomas Alderson	Placerville	93
94 Eureka.....	Placerville	6	10	11	134	"	2100	1	7½	W of N	55° E	"	"	"												El Dorado Wtr & Dp Gravel M Co	"	94
95 Eureka.....	Georgetown	2, 11	12	10	268	"	2750	3	6-10-12	W of N	E	"	"	"												C. M. Fitzgerald	Georgetown	95
96 Extension Quartz.....	El Dorado	27	10	10	402	"	"	2	15-100	W of N	E	Feldspar porphy, interspersed with quartz seams	"	Black shale				60	15	various						Con. Loan & Trust Co.	Delhi, New York	96
97 Faraday.....	Placerville	20	10	11	103	"	1800	1	4	W of N	E	Free milling	Slate	Slate				150		320						El Dorado Wtr & Dp Gravel M Co	Placerville	97
98 Fisk.....	"	7	10	11	128	no	1950	3	55	N & S	E	"	"	"												J. H. Skinner (owner)	"	98
99 Flagstaff.....	Grizzle Flats	27	10	13	321	yes	4000	2	2½	NE	Vert.	"	"	"												Mt. Hope Mining Co.	W.F. Pearson (Supt) Placervi	99
100 Florida Seam.....	Greenwood	13	12	9	252	"	1700	"	00	W of N	E	Quartz stringers in porphyry	Slate	Slate												Marous Peterson et al.	Denverton, Solano Co.	100
101 Fortuna.....	Placerville	38	11	10	151	"	2000	1	4 to 8	W of N	E	Free milling, with sulphurets.	"	"				80		30						Heirs of J. Melton & E. W. Witmer	Placerville	101
102 Fort Yuma.....	Canyon	29	9	10	20	no	800	1	3 to 6	N & S	E	"	"	"				150		75	100	150				J. C. Daughman & A. S. Hale	Canyon	102
103 French Hill.....	Greenwood	36	13	9	263	yes	2000	2	2 to 8	W of N	E	"	"	"												A. J. Johnson & E. S. Hadley	Sacramento	103
104 French Seam.....	"	13	12	9	254	no	1700	"	50	W of N	E	Quartz stringers in porphyry	"	"												Cal. Water & Manfg. Co.	Georgetown	104
105 Gamblin and Cleveland.....	Fair Play	34	9	12	379	"	2350	1	1½	E & W	80° S	Free milling, heavily sulphurated.	Granodiorite	Granodiorite				150		200	150					N. B. Hall	Providence, R. I.	105
106 Gamecock.....	Rescue	32	11	9	203	"	1000	1	8	N & S	W	"	"	"												Paul Chasen	Rescue	106
107 Gardner Consolidated.....	Placerville	7	10	11	130	yes	1900	3	10	W of N	E	"	"	"												W. H. Meyers	Placerville	107
108 Garfield.....	Josephine	17	13	11	290	no	3050	1	4	W of N	W	"	"	"												W. C. Green	Georgetown	108
109 Gentle Annie.....	Placerville	6	10	11	138	yes	2000	4	4 to 12	W of N	E	"	"															

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	NAME OF MINE.	NEAREST TOWN OR P. O.	LOCATION.				WHETHER PATENTED.	ELEVATION.	NUMBER OF VEINS.	WIDTH OF VEIN.	STRIKE.	DIP.	CHARACTER OF ORE.	HANGING WALL.	FOOT WALL.	DEVELOPMENTS.						MILL.	POWER.	NUMBER OF MEN EMPLOYED.	COMPANY, OWNER OR SUPERINTENDENT.		REMARKS.	
			SECTION.	TOWNSHIP.	RANGE.	MAP No.										SHAFT.	INCLINE.	OPEN CUT.	TUNNEL.	DRIFTS.	GREATEST DEPTH BELOW OUTCROP.				NAME.	ADDRESS.		
111	Gilbert.	Greenwood.	26	13	9	387	no	1000	1	8	W of N	E	Free milling.	Slate.	Diorite.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.			10	Edw. Gilbert.	Butcher Ranch, Placer Co		111
112	Goconda.	Rescue.	10	10	9	140	no	1300	2	5-16	N 50° W	N	1% sulphurets.	Granodiorite.	Porphyry.	100							2	Golden Gate Mining Co.	Bridgeport, Conn.	Col. W. C. Root (Mgr.), Placerville.	112	
113	Golden Egg.	Greenwood.	17	12	10	237	no	2000	1	5	W of N	E	"	Porphyry.	Slate.	70	150	600					2	Roberts & Graydon	Greenwood.		113	
114	Golden Fleece.	El Dorado.	12	9	10	52	yes	1100	1	10	E of N	E	"	"	"	30							2	Leased to Church Dev. Co.	O. C. Clark, El Dorado		114	
115	Golden Gate.	Josephine.	17	13	11	292	no	3000	1	10	W of N	E	"	"	"								2	F. Adams et al.	Placerville.		115	
116	Golden Gate.	El Dorado.	12	9	10	38	yes	1400	2	4 to 12	E of N	E	3% high grade sulphurets.	"	"								5	Union Gold Mining Co.	A. Harpending.	320 Sansome st., San Francisco.	116	
117	Golden Queen (Chapparral).	Kelsey.	26	11	10	163	no	2000	3	3 1/2	W of N	E	"	"	Greenstone.	145	20	190	150	160		5	Phillip C. Stingle (Supt.).	Kelsey.		117		
118	Golden State.	Georgetown.	29, 32	13	10	389	yes	2800	zone	6-8	W of N	E	"	"	Slate.		200	400				3	William Barklage.	Georgetown.		118		
119	Golden West.	Diamond Springs.	31	10	11	74	no	1100	2	6-8	E of N	E	"	"	"		40	90				2	D. J. Kingston.	Diamond Springs.		119		
120	Gold Hill.	"	31	10	11	75	no	1400	1	6	E of N	E	"	Porphyry.	"			100					2	"	"		120	
121	Gold Note (group).	Omo Ranch.	4	8	13	354	yes	3760	1	5	N & S	E	galena sulphurets.	"	"	440			1500		440			W. E. Deane.	81 Nevada Blk., S. F.		121	
122	Gold Queen.	Diamond Springs.	31	10	11	71	no	1800	2	3-4	E of N	E	2% sulphurets.	"	"	40			150		75			Geo. Richards.	Placerville.		122	
123	Gold Stake.	El Dorado.	12	9	10	42	no	1400	1	4	E of N	E	"	"	"			100						Union Gold Mining Co.	320 Sansome st., S. F.	A. Harpending (Mgr.), El Dorado.	123	
124	Goldstone.	"	13	9	10	28	yes	1400	2	2-4 1/2	E of N	E	"	"	"	30			150	40	30			"	"		124	
125	Good Luck.	Diamond Springs.	6	9	11	68	no	1650	1	1 1/2	E of N	45° E	2% sulphurets.	"	"	42			200		90			O. W. Raymond & W. G. Tanner	Diamond Springs.		125	
126	Gopher-Boulder.	Kelsey.	14	11	10	177	yes	1950	1	30	E of N	35° E	Quartz, slate, and diabase (color nearly black).	Diabase.	"	250		200-300	500	250	3 Htn 20-st	water		W. A. Bell.	Kelsey.		126	
127	Grand Victory.	Placerville.	33, 34	10	11	98	no	2200	1	5-60	NE & SW	75° E	Quartz stringers, asbestos, serpentine, soapstone, sulph.	Slate.	"	300	74		400	2500	400	30-stamp	wtr & stm	1	John O. Wright.	Indianapolis, Ind.		127
128	Greenstone and Experiment.	Georgetown.	6	11	11	191	no	2500	zone	300	E of N	W	Free milling.	"	"	60-60			100		60			Cook & Miller.	Georgetown.		128	
129	Grey Eagle.	Kelsey.	24	11	10	171	yes	2000	1	3-8	W of N	E	"	"	Greenstone.	750			1000		750	20-stamp	electric	John Sipp.	Kelsey.		129	
130	Griffith Con.	Diamond Springs.	30	10	11	80	no	1800	2	4 1/2	E of N	E	"	"	"			125	305	172	150			Jumper Gold M. Synd. of Cal. Ltd.	Stent, Tuolumne Co.		130	
131	Grizzly Bear.	Placerville.	36	11	10	160	no	2100	1	4	W of N	50° E	"	"	"				760		300			El Dorado Wtr & Dp Gravel M Co	Placerville.		131	
132	Gross No. 1.	"	6	10	11	132	yes	1800	1	3 1/2	W of N	50° E	"	"	"	80			70		375			"	"		132	
133	Gross No. 2.	"	6	10	11	132	no	1800	1	3 1/2	W of N	50° E	"	"	"				70		375			"	"		133	
134	Grouse Gulch.	Grizzly Flats.	16	9	13	330	no	4000	1	1-5	N & S	W	"	"	"	100				50	100			W. I. Smart.	"		134	
135	Grover.	Kelsey.	34	12	11	194	no	2800	1	2	W of N	E	"	"	Porphyry, shale.	75			250		75			H. M. Grover.	Georgetown.		135	
136	Guanie.	Georgetown.	15	12	10	245	no	2500	2	4-3	W of N	E	"	"	"	30	20		213	50	65			T. Z. Armstrong.	Placerville.	Thomas Clark, Manager.	136	
137	Hall.	Placerville.	6	10	11	136	yes	2000	2	2-6	W of N	E	"	"	Altered porphyry.	150	150		490	100	150		3	River Hill M. & M. Co.	Kelsey.		137	
138	Harrison.	Kelsey.	12	11	10	401	no	2450	2	8	W of N	E	"	"	Schist.			300		600	110			J. W. Reese et al.	Georgetown.		138	
139	Hart Con.	Georgetown.	22, 27	12	10	226	no	2300	zone	40	W of N	E	Quartz stringers in slate and porphyry.	"	"									N. Wentworth.	Georgetown.		139	
140	Harville.	Diamond Springs.	29	10	11	81	no	2000	4	3	E of N	E	Free milling.	"	"	52			70		52			Harville Mining Co.	14 Fremont st., S. F.		140	
141	Henrietta.	Placerville.	20	10	11	101	no	1890	2	7	E of N	55° E	"	"	"	20			345					El Dorado Wtr & Dp Gravel M Co	Placerville.		141	
142	Hidden Treasure.	"	36	11	10	157	no	2000	2	6-10	W of N	E	"	Diabase.	Diabase.				150		75			Beirs of J. Melton & E. W. Witmer	Georgetown.		142	
143	Hines.	Greenwood.	25	13	9	266	no	2300	1	30	W of N	E	Free milling.	Porphyry.	Greenstone.				300		100		2	William Roush et al.	Georgetown.		143	
144	Homestead.	Loomis (Placer Co.).	20, 21	11	8	205	no	675	1	2 1/2	NW & SE	W	"	Granodiorite.	Granodiorite.	2	90		1		90			David H. Coles.	Loomis, Placer Co.	Wkd'n connect'n with Zantgrf thro Zantgrf inc	144	
145	Hope.	Kelsey.	12	11	10	188	no	2400	zone	50	W of N	E	Quartz stringers and porphyry.	Slate.	"	40			150		40			J. Laumann.	Kelsey.		145	
146	Humming Bird.	Placerville.	36	11	10	164	yes	2000	1	6-8	W of N	E	Free milling.	"	"						450			Beirs of J. Melton & E. W. Witmer	Placerville.	Worked from Baltic tunnel.	146	
147	Hunt.	Pilot Hill.	30	12	9	211	no	1100	1	6	W of N	E	"	Porphyry.	"	60					60			Mrs. Cadwallader.	Sacramento.		147	
148	Hunt Extension.	"	30	12	9	212	no	1100	1	6	W of N	E	"	"	"	60					60			J. A. Mendes.	Pilot Hill.		148	
149	Ibid.	"	30	12	9	212	no	1100	1	6	W of N	E	"	"	"	180					70			C. D. Watts & T. D. Crocker.	San Francisco.		149	
150	Ida Livingston.	Kelsey.	13	11	10	180	no	3800	2	4	N & S	Vert.	"	Slate.	"	130					100			"	"		150	
151	Ida Mitchell.	Placerville.	7	10	11	122	no	2000	1	3	W of N	E	"	"	"				250	36	135			Mrs. John I. Reid.	Placerville.		151	
152	Ida No. 1.	"	18	10	11	118	no	1900	1	8	W of N	E	"	"	Greenstone.				260		180			El Dorado Wtr & Dp Gravel M Co	"		152	
153	Idlewild (Taylor).	Garden Valley.	21	12	10	229	yes	2050	1	4 1/2	W of N	E	"	"	Greenstone.				1200		1200			W. E. Deane.	81 Nevada Blk., S. F.		153	
154	Independence.	"	27	12	11	196	no	2000	1	10	W of N	E	"	Porphyry shale.	Slate.	50			200		125			Independence Mining Co.	J. F. Limpinsel (Mgr.).	Placerville.		154
155	Independant.	El Dorado.	3	9	10	49	yes	2800	1	2	E of N	E	"	"	"	306					150			Independent Quartz M Co.	St. Louis.	M. W. Mountain, M. D. (Pres) Placerv	155	
156	Inez.	Nashville.	1	8	10	7	no	1650	1	2-7	E of N	E	"	Porphyry.	Greenstone.	250					225			S. H. Maginess.	Placerville.		156	
157	Iowa.	Placerville.	36	11	10	168	no	1200	1	6	E of N	E	"	"	"						150			Beirs of J. Melton & E. W. Witmer	"		157	
158	Isabella.	Diamond Springs.	30	10	11	86	no	2000	4	4-12	W of N	E	"	Slate.	"	30					30			Henry M. Koerner.	Diamond Springs.		158	
159	Isbell.	Garden Valley.	3	11	10	198</																						

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	NAME OF MINE.	NEAREST TOWN OR P. O.	LOCATION.				WHETHER PATENTED.	ELEVATION.	NUMBER OF VEINS.	WIDTH OF VEIN.	STRIKE.	DIP.	CHARACTER OF ORE.	HANGING WALL	FOOT WALL	DEVELOPMENTS.						MILL.	POWER.	NUMBER OF MEN EMPLOYED.	COMPANY, OWNER OR SUPERINTENDENT		REMARKS.		
			SECTION.	TOWNSHIP.	RANGE.	MAP No.										SHAFT.	INCLINE.	OPEN CUT.	TUNNEL.	DRAINS.	GREATEST DEPTH BELOW OUTCROP.				NAME.	ADDRESS.			
166	Josephine	Josephine	8	13	11	289	no	2640	2	61-81	E of N	E	Free milling, 2% galena sulphurets.	Slate	Serpentine	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.			6	San Francisco Mining Co.	222 Parrott Bldg, S. F.	J. M. Nogues (Supt.), Josephine.	166	
167	Josh Billings	Garden Valley	21	12	10	228	yes	2100	1	6	W of N	E	"	"	Diorite	75								6	R. Fillippini.	Garden Valley		167	
168	Julia	Pilot Hill	18	11	9	213	no	1200	1	12	N & S	E	"	Diabase	Diabase	100							steam	6	J. C. Aubertis.	Pilot Hill		168	
169	Julia Jones	"	11	11	8	208	yes	900	1	6	N & S	E	"	"	"	60									Julia Jones.	Sacramento		169	
170	Keegan	Placerville	7	10	11	124	no	1820	1	3 1/2	W of N	E	"	Slate	Slate	100			360		100				El Dorado Wtr & Dp Gravel MCo	Placerville		170	
171	Kelsey Gold & Silver	Kelsey	24, 25	11	10	166	yes	1800	3	10	W of N	E	"	"	Mariposite				500		200				Wales L. Palmer	San Francisco		171	
172	Keystone	Diamond Springs	29	10	11	89	no	2000	3	4-10	E of N	E	"	"	Slate			yes							Thomas Alderson	Placerville		172	
173	Keystone	"	29	10	11	89	no	1900	2	3-4	E of N	E	"	"	ribbon.	52			70		52				Larkin Bros. (owners)	"		173	
174	Lady Edner	Omo Ranch	31	9	13	347	yes	3200	4	2-4	NE & SW	Vert.	"	"	Granite	30			50		30				C. Edner.	Omo Ranch		174	
175	Lady Emma	Kelsey	13	11	10	175	"	2000	1	1	W of N	E	"	"	Slate		200				150	10-stamp	water		H. S. Morev.	Placerville		175	
176	LaMoille	El Dorado	11	9	10	46	"	1800	1	3	N & S	E	"	"	Granodiorite	185	160				185		steam	25	H. Shurtliffe	832 Kearny st., S. F.		176	
177	Larkin	Diamond Springs	29	10	11	82	"	2000	2	4-6	E of N	E	"	"	Slate & greenstone.	800				4000	800	10-stamp	"		Larkin Mining Co.	112 Main st., S. F.	C. H. Duntun, Diamond Springs.	177	
178	Laus Padre (Vandergreft)	El Dorado	26	9	10	14	no	1650	1	5	E & W	E	"	"	Greenstone		95		100		70	5-stamp	water		J. P. Vandergreft.	Indian Diggings		178	
179	Levitt	Kelsey	30	11	11	104	"	1600	1	25	W of N	E	"	"	Limestone	40		100			40				A. F. Levitt.	Los Angeles		179	
180	Lion	Placerville	6	10	11	135	yes	1400	1	8	W of N	E	"	"	Slate										River Hill M. & M. Co.	Thos. Clark (Supt.) Placerville		180	
181	Little Chief	Georgetown	26	13	10	284	yes	2600	zone	20	W of N	E	"	"	Slate and porphyry			300			125	stamp	water	2	Beattie Bros.	Georgetown		181	
182	Little Gem	Josephine	17	13	11	293	no	3000	1	2	W of N	E	"	"	Slate	125					125	stamp	"		J. H. Bahra et al.	San Francisco		182	
183	Little Giant	El Dorado	27, 28	10	10	59	"	1700	1	60	W of N	E	"	"	"	50			120					1	Hammell & Smith	Placerville		183	
184	Little Giant	"	27, 28	10	10	401	yes		3	10-150			"	"	Black shale	80		20		30	80				Con. Loan & Trust Co.	Delhi, New York		184	
185	Little Joaker	Diamond Springs	6	9	11	63	no	1650	2	10	E of N	E	"	"	Slate	15		100							G. W. Raymond & W. G. Tanner	Diamond Springs		185	
186	Live Oak Con.	"	30	10	11	83	"	2000	1	4-6	E of N	E	"	"	"	50				200	50				Larkin Mining Co.	112 Main st., S. F.	C. H. Duntun (Supt.), Diamond Sprg	186	
187	Logan	Placerville	6	10	11	140	yes	2000	2	6	W of N	E	"	"	"										River Hill Mining Co.	Placerville		187	
188	Log Cabin	Canyon	30	9	10	17	yes	1640	1	22-24	E & W	N	"	"	Altered serpentine.			75		600		140			Jonathan Darrow	Canyon		188	
189	Lone Jack	Garden Valley	28	12	10	223	no	2000	2	2-8	W of N	E	"	"	Diorite	400					300				Campbell & Metson	San Francisco		189	
190	Lone Star	Nashville	11	8	10	1	yes	800	1	9	E of N	E	"	"	Slate	100				50		Huntingtn	water		J. O. Heald	Nashville		190	
191	Lone Star	Diamond Springs	31	10	11	73	"	1800	2	21-6	E of N	E	"	"	"					300		150			D. H. Jackson (owners)	1011 7th ave., Oakland		191	
192	Lone Star Con	El Dorado	18	9	11	51	no	1400	5	5-8	E of N	E	"	"	Diabase	45			350		150			2	J. Q. Wrenn, M. D.	Placerville		192	
193	Lookout	Diamond Springs	6	9	11	64	"	1650	1	6	E of N	E	"	"	Slate	20					20				O. W. Raymond & W. G. Tanner	Diamond Springs		193	
194	Lookout and K. K.	Josephine	19	13	11	287	"	3050	3	21-3-15	N & S	Vert.	"	"	Porphyry				400	60	80	2-stamp	water	3	Wilson Carey (owner)	Josephine	B'd to Carey M & M Co, Chas Root, Sec, Oakland	194	
195	L. and R.	Omo Ranch	5	8	13	350	"	4500	1	1	NE & SW	E	"	"	"	10					10			1	S. A. Laine	Omo Ranch		195	
196	Lost Packsaddle	Nashville	11	8	10	21	"	800	3	8	E of N	E	"	"	Slate				400		300			2	Geo. E. Waggoner & Bros.	Nashville		196	
197	Lucky	Placerville	6	10	11	140	yes	2000	2	3-5	W of N	E	"	"	Porphyry	100					100				4	River Hill M. & M. Co.	Placerville		197
198	Lucky Marion	Greenwood	12	12	9	257	"	1600	1	4	W of N	E	"	"	Greenstone	100					100				Lucky Marion Mining Co.	St. Louis, Mo.		198	
199	Madeline	El Dorado	18	9	11	26	no	1200	1	20	N & S	E	"	"	Slate					100	100				M. J. Williams	El Dorado		199	
200	Magnolia Con.	Georgetown	26	13	10	285	"	2750	3	3-10	N 10° E	40° E	"	"	Porphyry	100		300		200		100			Geo. Wiest	Georgetown		200	
201	Maltby	Greenwood	17	12	10	238	"	1600	1	30	W of N	E	"	"	Slate	150					30				John Smith	Greenwood		201	
202	Mameluke	Georgetown	3	12	10	274	yes	2700	zone	100	W of N	E	"	"	Slate	150			500		150				T. C. Boeuf	Georgetown		202	
203	Mammoth	Rescue	3	10	9	150	"	1000	1	5	N & S	W	"	"	Porphyry						80				Jasper Jurgens	Rescue		203	
204	Marguerite	Diamond Springs	29	10	11	92	no	2000	3	3	N & S	E	"	"	Slate	264	70			200	1200	264		steam		Marguerite Mining Co.	Diamond Springs		204
205	Mathenas	"	31	10	11	70	"	1800	1	1 1/2	E of N	E	"	"	"										J. A. Kook	"		205	
206	Maximo Gomez	El Dorado	30	10	11	85	"	1700	1	4	E of N	E	"	"	Porphyry	35			30		35				Koerner & Barnes	"		206	
207	Mayflower Con.	Greenwood	7	12	10	250	"	1650	1	3	W of N	E	"	"	Slate	3 60		50			50			2	Thomas Stevenson	Greenwood		207	
208	McDowell & Wiltshire	Nashville	36	9	10	10	yes	1200	2	8-12	E of N	E	"	"	Slate	60					150				Weatherwax & Wickham	Placerville		208	
209	McKinley 1, 2, 3	Grizzly Flats	28	9	13	336	no	3300	2	3 1/2-5	NE & SW	Vert.	"	"	Granite	40					40				J. H. Bradley	"		209	
210	Melton (group)	"	4	9	13	325	yes	3500	3	2-5	N & S	Vert.	"	"	Syenite	150			2000		600				Isaac P. Lampson	Cleveland, Ohio		210	
211	Mexican	El Dorado	13	9	10	31	"	1400	2	2 1/2-4	E of N	E	"	"	Slate	45									Union Gold Mining Co.	320 Sansome st., S. F.	A. Harpending (Mgr.)	211	
212	Minnehaha	El Dorado	11	9	10	45	no	1800	1	1 1/2	N & S	E	"	"	Diabase		100		120		80	4-stamp	steam	4	Osbome & Payne	San Francisco	Bonded to William McNa		

NAME OF MINE.	NEAREST TOWN OR P. O.	LOCATION.				SECTION.	TOWNSHIP.	RANGE.	MAP NO.	WHETHER PATENTED.	ELEVATION.	NUMBER OF VEINS.	WIDTH OF VEIN.	STRIKE.	DIP.	CHARACTER OF ORE.	HANGING WALL.	FOOT WALL.	DEVELOPMENTS.					GREATEST DEPTH BELOW OUTCROP.	MILL.	POWER.	NUMBER OF MEN EMPLOYED.	COMPANY, OWNER OR SUPERINTENDENT.		REMARKS.	
		SHAFT.	INCLIN.	OPEN CUT.	TUNNEL.														DRIFTS.	NAME.	ADDRESS.										
221 Mountain Quail	Omo Ranch	32	9	13	341						3550	1	3-5	E of N	Vert.	" " " " " "	Granite	Granite	Feet. 105	Feet. 1000	Feet. 103	Feet. 103	10	water	10	Charity Gold Mining Co.	L.L. Alexander (Pres.)	468 Prospect ave., Oakland.	221		
222 Mt. Hope	Grizzly Flats	32	10	13	322						3700	2	2 1/2	E of N	Vert.	" " " " " "	Schist	Schist and diorite	225		300	270	10-stamp	steam	28	Mt. Hope Mining Co.	W. R. Pearson (Supt.)	Placerville	222		
223 Mt. Pleasant	"	16	9	13	331						3800	3	4	N & S	Vert.	" " " " " "	Granite	Granite	920		600	920	10-stamp			Mt. Pleasant Mining Co.	Grizzly Flats	223			
224 Mulvey Point	Georgetown	36	13	10	233						2500	zone	200	W of N	E	Quartz stringers, in slate and porphyry.	Slate	Slate		1000		85			3	Beattie, Barklage et al.	Georgetown	Worked by sluicing, placer patent.	224		
225 Myrtle	Rescue	32	11	9	201					no	1000	2	1 1/2	N & S	W	Free milling	Porphyry	Syenite	40		650	270	20-stamp	steam		J. W. Jurgens	San Francisco	225			
226 Nashville (Havilah)	Nashville	12	8	10	6					yes	800	1	15	E of N	E	" " " " " "	Slate	Slate	250			30				Joshua Hendy Mach. Wks	"	226			
227 Nashville	"	12	8	10	4						1200	1	7	E of N	E	" " " " " "	Porphyry	Slate				200			1	E. J. Baldwin	Georgetown	227			
228 Neptune	Josephine	18, 19	13	11	291					no	3050	3	2-5	W of N	E	" " " " " "	Slate	Serpentine	190		200	150				W. C. Green	San Francisco	228			
229 New El Dorado	Greenwood	36	13	9	261						2300	1	2	W of N	E	" " " " " "	Greenstone	Greenstone	100		100	60				New El Dorado M. Co., Inc.	Brannan st., S. F.	229			
230 New Garibaldi	Greenwood	12	12	9	256						1600	zone	40	W of N	E	Quartz stringers, in slate and porphyry	"	Slate	140			600	140	10-stamp	steam		J. B. Hayes	Placerville	230		
231 New Victor	Placerville	2	11	11	386					no	2200	1	4	W of N	E	Free milling	"	Talc.	35			35				Victor Hallade	"	231			
232 North Atlantic	"	17	10	11	121						1950	1	2 1/2	W of N	E	" " " " " "	Porphyry	Soapstone	50		125	50				El Dorado Wtr & Dp Gravel MCo	Kelsey	232			
233 North Star	Kelsey	24	11	10	169						2600	1	1-4	W of N	E	" " " " " "	Slate	Slate	300		400	300			2	Jas E Hanly & Anglesnope	St. Louis, Mo.	233			
234 Oakland (McNulty)	Nashville	23	9	10	23					yes	900	1	5	E of N	E	Free milling, ribbon, with sulphurets.	Granite	Mariposite	Wnze 70			400	140	2-stamp			William Craddock	Auburn	234		
235 Oakland (Seam)	Greenwood	12	12	9	255						1600	zone	40	W of N	E	Quartz stringers in porphyry	"	Greenstone	250				300			B. W. Katzenstein	Sacramento	235			
236 Ohio	"	7	12	10	247						1600	2	4	W of N	E	Free milling, with sulphurets.	"	Slate	145			145				A. H. McAfee	Grizzly Flats	236			
237 Ohio (Valdora)	Grizzly Flats	16	9	13	332						3800	2	2-6	N & S	Vert.	" " " " " "	"	"	565		1100	610	565			1	El Dorado Wtr & Dp Gravel MCo	Kelsey	237		
238 Old Harmon	Placerville	6, 7	10	11	127					yes	2310	1	6	W of N	E	" " " " " "	Porphyry	"	50			50				John C. Murphy	"	238			
239 Old Judge	Kelsey	12	11	10	185						2200	1	15	W of N	E	" " " " " "	Granite	Porphyry and slate	Wnze 40			900	425	10-stamp	water		J. H. Wright (Mgr.)	402 Kearny st., S. F.	239		
240 Omo	Omo Ranch	32	9	13	340						3500	2	4-5	NE & SW	W	" " " " " "	Slate	Mariposite	20			400	20		2	William Craddock	Placerville	240			
241 One to Sixteen	Placerville	7	10	11	126					yes	1870	1	15	W of N	E	" " " " " "	Granodiorite	Granodiorite	150			320	150				H. Shurtliff	832 Kearny st., S. F.	241		
242 Ophir	El Dorado	11	9	10	44						1800	1	3	E of N	E	" " " " " "	Slate	Slate	Wnze 40			160	240				El Dorado Wtr & Dp Gravel MCo	Placerville	242		
243 Oregon	Placerville	18	10	11	117						2200	1	6	W of N	E	" " " " " "	Greenstone	"	1000	300		250	900	1000		3	W. W. Stone	"	243		
244 Oriental	"	28	10	11	100						2100	1	20	W of N	E	" " " " " "	"	"	125		100	800	500			6	El Dorado Wtr & Dp Gravel MCo	Placerville	244		
245 Pacific	"	17	10	11	121						1950	2	3 1/2-18	W of N	E	Quartz stringers in talc, slate and porphyry.	Slate	Slate & greenstone.		500		800	500				Pacific Mining Co.	James Flynn	245		
246 Pacific (Seam)	Georgetown (Georgia Slide)	34	13	10	278						2250	zone		W of N	E	" " " " " "	Diabase	Diabase	73			250	100					Beattie & Parsons M. Co.	Placerville	246	
247 Parsons (Seam)	"	34	13	10	277						2300			W of N	E	Free milling	Slate	Slate	25			25				J. A. Mendes	Pilot Hill	247			
248 Picket & Clark	Diamond Springs	31	10	11	76						1800	2	4-8	N 20° E	E	" " " " " "	Porphyry	Porphyry	30		150						Union Gold Mining Co.	320 Sansome st., S. F.	248		
249 Pilot Hill	Pilot Hill	12	11	8	209						1842	1	5	N of W	E	" " " " " "	Slate	Slate	230			500	1000	230			A. J. & R. S. Wilton	Georgetown	249		
250 Pine Tree	El Dorado	12	9	10	37					no	1400	1	6	E of N	E	" " " " " "	Diabase	Diabase	25			400	1	90		3	H. S. Morey	San Francisco	250		
251 Plattsburg	Georgetown	2	12	10	391					yes	2700	1	1 to 4	W of N	E	" " " " " "	Slate	Slate	230			500	1000	230			Quincy Chase	M. J. Williams (Supt.)	251		
252 Pleasant Valley	Pleasant Valley	13	10	12	315						3200	2	2 1/2-6	N & S	Vert.	" " " " " "	Diabase	Diabase	2	90	1	700	100	450	15-stamp	water	3	David H. Coles	Loomis	252	
253 Poahontas	El Dorado	10	9	10	43						1800	1	3	NW & SE	E	" " " " " "	Granodiorite	Granodiorite	2	90	1	700	100	450	15-stamp	water	3	Heire of J. Melton & K. W. Witmer	Placerville	253	
254 Porterfield	Loomis	20, 21	11	8	204					no	675	1	2 1/2	NW	E	" " " " " "	Slate	Greenstone	3-80				80				J. Wm. O'Connor	Nashville	254		
255 Poverty Point	Placerville	38	11	10	153					yes	2000	zone	100	W of N	E	" " " " " "	Slate and porphyry	Slate and porphyry	3-80				80				Union Gold Mining Co.	320 Sansome st., S. F.	255		
256 Poverty Scratch	Nashville	11	8	10	2						800	1	3 1/2	E of N	E	" " " " " "	Slate	Slate	200			600	200				Shingle Gold Mining Co.	1163 Clay st., Oakland	256		
257 Pride of the Hill	El Dorado	12, 13	9	10	36						1400	1	12	E of N	E	" " " " " "	Slate	Slate	200			314	125	200	15-stamp	wtr&stm	19	Thomas Alderson	Placerville	257	
258 Pyramid	Rescue	12, 13	10	9	148					yes	1400	2	10-25	W of N	E	" " " " " "	"	"	200			600	200				Richard F. Young & G. T. Heindel	Garden Valley	258		
259 Battler	Diamond Springs	20	10	11	90						2000	3	4 to 10	E of N	E	" " " " " "	"	"	120		50	300	120			2	Jos. Jermyn	"	259		
260 Rattlesnake	Garden Valley	28	12	10	221						2100	1	3	W of N	E	" " " " " "	Slate	Diabase	120		100		350	100	2-stamp	gasoline	7	Red Hill Mining Co.	C. A. LaGrave (Supt.)	260	
261 Red Hill	Kelsey	11	11	10	164					yes	2100	zone	20	W of N	E	Quartz stringers, in slate and porphyry	"	Diabase				350	100				S. W. Chaney	120 Sutter st., S. F.	261		
262 Red Hill	Greenwood	20	12	10	234						1900	2	10 to 20	W of N	E	Free milling, with sulphurets.	"	"			300	150	75				Mrs. Alice Reed	Georgetown	262		
263 Revenge	"	19	12	10	235					yes	1600	zone	50	W of N	E	Quartz stringers in porphyry	"	"			400	100	100				Witmer, Williams & Fuller	Placerville	263		
264 Rich Gulch	Georgetown	15	12	10	241						2600	zone		W of N	E	" " " " " "	Porphyry	Granite	110			350	110	8-stamp	water		Larkin Bros	"	264		
265 Richmond	Omo Ranch	4	8	13	353						3300	2	20" each	E & W	Vert.	Free milling, 4% high grade sulphurets.	Slate	Slate		230		120	75			2	H. S. Morey	"	265		
266 Ringgold	Diamond Springs	29	10	11	89						1900	1	6	E of N	E	" " " " " "	"	"				500	300	230	5-stamp	water		Schneider & Ferrie	Georgetown	266	
267 Rip Van Winkle	Kelsey	27	12	11	195						2800	1	3	NW & SE	E	" " " " " "	Serpentine	Slate and porphyry				400	100				R. Filippini	Garden Valley	267		
268 Rising Star	Georgetown	2	12	10	269						2750	1	4	W of N	E	" " " " " "	Slate	Slate				200	80				L. Campini	Grizzly Flats	268		
269 Rising Sun	Kelsey	14	11	10	178					yes	1850	1	3	W of N	E	" " " " " "	Schist	Schist	40				40				T. M. McClean	Georgetown	269		
270 Rising Sun	Park	23	10	13	318						4200	1	1	NW of SE	Vert.	" " " " " "	Granite	Granite				90	30				Stanton Bros	Placerville	270		
271 Rob Roy	Grizzly Flats	32	9	13	339						3300	2	3" to 2'	W of N	Vert.	" " " " " "	Slate	Slate				250	60				Larkin Bros	"	271		
272 Robison & Collins (Seam)	Georgetown	34	13	10	281						2300	zone	40	W of N	E	Quartz stringers in slate and porphyry	"	"	60			600	500				El Dorado Wtr & Dp Gravel MCo	"	272		
273 Roub.	Diamond Springs	29	10	11	93						1900	2	2-4	E of N	E	Free milling, ribbon, 2% sulphurets.	Porphyry	"	500			500	500				Rose Bud Con. Mining Co.	M. L. Smith (Mgr.)	273		
274 Rose	Placerville	18	10	11	119					yes	1950	1	6-10	W of N	E	" " " " " "	Slate	Granodiorite	250			500	100	450	5-stamp	wtr&stm			Placerville	274	
275 Rose Bud Con.	Omo Ranch	4	8	13	351					no	3100	5	4-8	N of E	Vert.	" " " " " "	Granite	Granite												275	

REGISTER OF MINES AND MINERALS OF CALIFORNIA—QUARTZ MINES

NAME OF MINE.	NEAREST TOWN OR P. O.	LOCATION.				WHETHER PATENTED.	ELEVATION.	NUMBER OF VEINS.	WIDTH OF VEIN.	STRIKE.	DIP.	CHARACTER OF ORE.	HANGING WALL.	FOOT WALL.	DEVELOPMENTS.							NUMBER OF MEN EMPLOYED.	COMPANY, OWNER OR SUPERINTENDENT		REMARKS.				
		SECTION.	TOWNSHIP.	RANGE.	MAP No.										SHAFT.	INCLINE.	OPEN CUT.	TUNNEL.	DRIFTS.	GREATEST DEPTH BELOW OUTCROP.	MILL.		POWER.	NAME.		ADDRESS.			
276	Rosecrans	Garden Valley	21	12	10	227	yes	2100	2	4-25	W of N	E	Free milling, with sulphurets.	Slate	Diabase	Feet.	Feet.	Feet.	Feet.	Feet	Feet				H. S. Morey et al.	Placerville	Vein developed by wks in S. and Id. with Taylor	276	
277	Sailor Slide (seam)	Georgetown	3	12	10	278	yes	2400	zone	100	W of N	E	Quartz stringers in porphyry and slate	Slate	Slate			250		40				W. S. Hickman, M. D.	Georgetown		277		
278	Sample	Diamond Springs	6	9	11	62	no	1650	3	8	E of N	E	Free milling	"	"									C. W. Raymond & W. G. Tanner	Diamond Springs		278		
279	Samson	"	6	9	11	66	"	1650	3	10	E of N	E	"	"	"					90				"	"		279		
280	Saucerman	Garden Valley	34	12	10	218	yes	2000	1	30	W of N	E	"	"	"	100				80				Jerry Lancerman	Garden Valley		280		
281	Santa Olaz	Greenwood	7	12	10	251	no	2000	1	30	W of N	E	Free milling	"	Greenstone			50		20				John Smith	Greenwood		281		
282	Savage	Diamond Springs	12	9	10	50	"	1700	2	3-30	E of N	E	"	"	Slate	30		2		30				H. M. Koerner	Diamond Springs		282		
283	School Girl	El Dorado	12	9	10	41	yes	1300	2	2-20	W of N	Vert.	"	"	Slate	110			250	150	20-stamp	water	8	Union Gold Mining Co.	320 Sansome st., S. F.	A. Harpending (Mgr.), El Dorado	283		
284	Selby	Diamond Springs	29	10	11	93	"	1900	3	2-3-20	E of N	E	"	"	Porphyry	240			500	240				Larkin Bros.	Placerville		284		
285	Shaw	El Dorado	21	10	10	60	"	1650	1	100	E of N	E	Porphyry and quartz, 3% sulphurets	"	"				700	135				Mrs. Mary E. Morgan	El Dorado		285		
286	Sliger	Greenwood	25	13	9	265	"	2300	1	3	W of N	E	Free milling, 2% sulphurets	Porphyry	Greenstone	175			450	175				William Roush & Co.	Greenwood		286		
287	Sobrante	Placerville	6	10	11	138	"	2000	3	4-10	W of N	E	"	"	Slate	25			40	25				River Hill M. & M. Co.	Thos. Clark (Mgr.) Placerville		287		
288	South Sliger	Greenwood	36	13	9	264	no	2300	2	3-8	W of N	E	"	"	Greenstone	200			300	200				C. W. Keeney et al.	402 Front st., S. F.		288		
289	Spanish (seam)	"	13	12	9	253	yes	1000	zone	50	W of N	E	Quartz stringers in porphyry	"	Slate		400			50				Fred Raab	Greenwood		289		
290	Stanton	Georgetown	34	13	10	280	"	2300	zone	100	W of N	E	"	"	"		250			40				E. Stanton	Georgetown		290		
291	Starlight	El Dorado	10	9	10	48	"	1750	1	6	W of N	E	Free milling, 3% sulphurets	Diabase	Diabase	500				950	400	10-stamp	steam	25	Starlight Mfg. Co.	GT Hawley, Sec. Treas. Mkt. & Beale, S. F. J. A. Vance (Supt.), El Dorado		291	
292	St. Clair	Kelsey	14	11	10	176	no	2100	3	5	W of N	E	"	"	Greenstone	67			175	120	5-stamp	water		Ben L. Peters (Supt.)	Kelsey		292		
293	Stillwater & Summit	Omo Ranch	32, 33	9	13	345	"	3300	1	1	NE & SW	N	"	"	Granite				700	200	5-stamp	"	12	Hill, Atwood & Co.	Mrs. E. C. Atwood (Supt.)	Omo Ranch	293		
294	St. Lawrence	Kelsey	2	11	10	183	yes	2200	1	4 1/2	W of N	E	"	"	Slate	W 200	900		300	150	825			Miersen & Alderson	Placerville		294		
295	St. Lawrence	Greenwood	13	12	9	252	"	1600	zone	50	W of N	E	Quartz stringers in porphyry	"	"				50	50				Cal Water & Mining Co.	Georgetown	C. M. Fitzgerald (Mgr.)	295		
296	Sunday	Grizzly Flats	4, 9	9	13	327	no	4000	2	1-6	NE & SW	Vert.	Free milling, with galena and zinc blend sulph.	Mica Schist	Granodiorite			600	350					Heirs of J. Melton & E. W. Witmer	Placerville		296		
297	Sunrise	Kelsey	13	11	10	174	yes	2350	3	16-25-40	W of N	E	"	"	Slate	60			300	55	10-stamp	water		Mrs. Cora Grady	311 N. 3d st., Victor, Colo.	Geo. C. Ranney (Agt.), Kelsey	297		
298	Superior N. extension (ribbon rock)	Diamond Springs	20	10	11	91	no	1800	4	3 to 10	E of N	E	"	"	Greenstone		400		35	320				Frank Goyan	Placerville		298		
299	Surplus	Placerville	6	10	11	138	yes	2000	3	4-10	W of N	E	"	"	Slate				50	30				River Hill M. & M. Co.	Thos. Clark (Mgr.) Placerville		299		
300	Syracuse	Omo Ranch	4	8	13	352	no	3300	2	20' each	E & W	S	"	"	Porphyry				400	150				Witmer, Williams & Fuller	Placerville		300		
301	Treat	Grizzly Flats	4	9	13	324	yes	3800	1	2-3	N & S	E	Free milling, ribbon	Granite	"	100			100	100				Mrs. John D. Treat	Oakland, Cal.		301		
302	Treat Extension	"	4	9	13	323	"	3800	1	2-3	N & S	E	"	"	"				400	200				"	"		302		
303	Tullis	El Dorado	1	9	10	54	"	1700	3	3 to 5	E of N	E	"	"	Slate	250				200				Tullis Gold Mining Co.	E. W. Morgan (Mgr.)	El Dorado	303		
304	Uncle Sam	Shingle Springs	19	10	10	61	no	1450	2	12	E of N	E	"	"	Greenstone				300	80				Kathan & Hunt	Placerville		304		
305	Uncle Sam	Georgetown	35	13	10	282	yes	2750	1	12	W of N	E	"	"	"				150	50				Beattie Bros.	Georgetown		305		
306	Union	Placerville	8	10	11	140	"	1950	4	6 to 10	W of N	E	"	"	"	100			300	100				S. H. Maginess	Placerville		306		
307	Union (Springfield)	El Dorado	12	9	10	39	"	1200	5	2-14	E of N	E	"	"	"	1700			1800	5000	20-stamp	water	39	Union Gold Mining Co.	320 Sansome st., S. F.	A. Harpending (Mgr.), El Dorado	307		
308	United	Garden Valley	3	11	10	197	"	2000	1	3	W of N	E	"	"	"	80			600	65				Wm. Davey	Garden Valley		308		
309	Van	Georgetown	2	12	10	273	no	2700	1	4	W of N	E	"	"	"	110				70				W. L. Dickerson	San Francisco		309		
310	Vandalia	Canyon	19	9	10	15	yes	1220	zone	200	NW & SE	NE	Altered slate & dyke rocks, heavily impregnated with iron	Amphibolite	Diabase		3	5	5000	280	Dry crushing	Gas	25	John Rosenfeld's Sons	"	Dry crush'g with rolls & cyanid'g by leach'g. (New 200-ton plant under construction)	310		
311	Van Hooker	Placerville	6	10	11	131	"	1900	1	5	W of N	E	Free milling, ribbon	Slate	Slate			150	850	250				El Dorado Wtr. & Dp. Gravel MCo	Placerville		311		
312	Vistula	Greenwood	17	12	10	237	no	1600	4	2	W of N	Vert.	"	"	Porphyry	70			40	200	80			G. W. Roberts	Greenwood		312		
313	Vulture and Hattie	Placerville	6	10	11	129	"	1950	zone	30	W of N	E	"	"	Slate	80			180	400	100			W. A. Craddock	Placerville		313		
314	Webber	"	20	10	11	97	"	1920	1	3	W of N	E	"	"	"		140			145	110			El Dorado Wtr. & Dp. Gravel MCo	"		314		
315	Welch	Greenwood	7	12	10	248	"	1600	1	3	W of N	E	"	"	Porphyry	150				150				E. H. Rixford	Greenwood		315		
316	Whim Lead	Omo Ranch	5	8	13	349	"	4500	1	1	NE & SW	Vert.	"	"	Granite	100			400	100				S. A. Laine	Omo Ranch		316		
317	White Bear	Placerville	36	11	10	161	"	2110	1	2	W of N	E	"	"	Slate			110	420	110				El Dorado Wtr. & Dp. Gravel MCo	Placerville		317		
318	Whitman	El Dorado	13	9	10	27	"	1400	2	2 1/4	E of N	E	"	"	"									Union Gold Mining Co.	320 Sansome st., S. F.	A. Harpending (Mgr.), El Dorado	318		
319	Wilhelm	Cool	25	12	8	210	"	1200	1	1	W of N	E	"	"	Diabase	85				85		horse	3	G. E. Lukens	Georgetown		319		
320	Willamantic	Garden Valley	28	12	10	219	"	2300	1	4	W of N	E	"	"	Diorite	200			27	125	200			Mrs. H. W. Russell	Garden Valley		320		
321	Wolf	Georgetown	15	12	10	244	"	2250	4	1 1/2 to 4	W of N	E	Stratified quartz, porphy & slate, free gold & sulph.	Slate	Slate				250	70	50			C. T. Raabe	Georgetown		321		
322	Woodside	"	11	12	10	267	yes	2750	1	2 to 3	W of N	E	Free milling, high grade sulphurets	"	"				110	250	110			C. M. Fitzgerald	"		322		
323	Yellowhammer	Diamond Springs	31	10	11	79	no	1700	2	5 to 20	E of N	E	"	"	Slate	20			2	20				C. F. Bryant et al.	Diamond Springs		323		
324	Yellowjacket (trench)	Josephine	18	13	11	288	yes	3050	1	10	E of N	E	"	"	"									French Heirs	"		324		
325	Zentgraf	Loomis	20, 21	11	8	207	"	650	2	4	W of N	W	"	"	Granodiorite & serp.	Granodiorite		1100		1460	1500	1130	25-stamp	stm & elec	90 to 100	David H. Coles	Loomis		325

REGISTER OF MINES AND MINERALS OF CALIFORNIA—DRIFT MINES.

	NAME OF MINE.	NEAREST TOWN OR P. O.	LOCATION.				WHETHER PATENTED.	ELEVATION.	AREA.	NAME OF STREAM.	LENGTH OF CHANNEL.	CHARACTER OF GRAVEL.	DEPTH TO BEDROCK.	LENGTH OF TUNNEL.	DEPTH OF SHAFT.	WIDTH OF BREST.	MEN EMPLOYED.	COMPANY, OWNER OR SUPERINTENDENT		REMARKS.
			SECTION.	TOWNSHIP.	RANGE.	MAP No.												NAME.	ADDRESS.	
1	Aiken & Luce Marble Claim	Indian Diggings	17	8	13	365	yes	Feet. 3000	Acres. 38	Miles. 1	Quartz	Feet. 3 to 6	Feet. 100	Feet. 600	Feet. 300	1	J. R. Vandegrift	Indian Diggings		
2	Amelia	Josephine	9	13	11	298	no	3000	80		Red Cement	3 to 6	800				Two Channel Mining Co.	Placerville	H. E. Picket (Mgr.)	
3	Bald Mountain	Fairplay	4	8	12	378	"	3000	100		Quartz and slate	3 to 6	500		100	2	S. H. Jinkerson	Fairplay		
4	Ball	Indian Diggings	7	8	13	353	"	3000	80		Blue and red	2 to 10		Incline 600	30	2	Ball Bros.	Indian Diggings		
5	Blacklock	Placerville	8, 17	10	11	141	yes	2100	60		"	4					P. Watt & E. Fraggi	Placerville		
6	Blair French	Indian Diggings	8	8	13	352	no	3000	97 1/2		Blue	1 & 6	600		300	4	Ball & Upton	Indian Diggings		
7	Brass Wire	Smith's Flat	33	11	11	144	yes	2100	70	3500'	Blue and red	5	350		600	4	Thomas Alderson	Placerville		
8	Buckeye & Hill	Josephine	12	13	10	286	"	3000	20	1000'	"	4 to 12	1800		150	5	John Daggett	San Francisco	Leased to Hoo Sam Co.	
9	Carpenter	Smith's Flat	10	10	11	142	"	2400	40		Blue, red and grey	2 to 5		440		2	W. P. Carpenter	Placerville		
10	Cedar Creek	Fairplay	1, 2, 11, 12	8	12	374	"	3000	720		Light cement	2 to 6	270		30		Cedar Creek G. Mining Co.	F. M. Phelps (Supt.), Fairplay		
11	Cedar Grove	Josephine	3	8	12	376	"	3075	40		Quartz and slate	2 to 7	750		80	6	J. J. Leventon	Fairplay		
12	Channel Bend	Josephine	5	13	11	392	"	1175			River wash	2 to 6	400		136		Channel Bend Mining Co., Inc.	39 Sutter st., San Francisco		
13	Colorado	Indian Diggings	17	8	13	367	"	3300	110		Blue	2 to 7	200		250	1	B. M. Cope	Indian Diggings		
14	Ellen Taylor	Josephine	3, 34	8, 9	12	377	"	3000	249		Quartz and slate	2 to 6	1000		150	10	J. J. Leventon (Supt.)	Fairplay		
15	Elsie	"	1	8	12	373	"	3000	280		Light cement	2 to 7		Incline 60	40		E. W. McPhee	Placerville		
16	Excelsior	Placerville	17	10	11	113	"	2100	25	240'	Blue and red	2 to 6	205		200		El Dorado Water & Deep Gravel M. Co.	Placerville		
17	Fairplay	Fairplay	34	9	12	380	no	2700	80		Blue cement	2 to 6	900		600	1	Thos. Armstrong	Fairplay		
18	Franklin	Placerville	16	10	11	109	yes	2100	50		"	4 to 10	1500		600		Thos. Clark	Placerville		
19	Frey, J. F.	Indian Diggings	8	8	13	355	"	3500	80		Quartz	2 to 6			20		J. F. Frey	Indian Diggings		
20	Gignac	Placerville	16	10	11	108	"	2100	57		Blue cement	2 to 6	600		40		W. W. Stone	Placerville		
21	Globe	"	16	10	11	110	"	2100	100	3600'	"	5	2200		1000		Thomas Alderson	"		
22	Granite	Smith's Flat	10, 3	10	11	145	"	2200	54	1500'	"	5	1000		355	40 to 120	S. H. Maginess	"		
23	Grizzly Flat	Grizzly Flats	15	9	13	329	"	4400			"	2 to 10	1400		60	4	L. Gilson	London, Eng.	Wm. Voss (Mgr.)	
24	Hawkeye	Indian Diggings	8	8	13	257	no	3000	40	1500'	Red	2 to 6	160		20		Ball & Upton	Indian Diggings		
25	Hickey	"	16	8	13	368	yes	3400	20		Blue and red	2 to 6	100		60	2	J. H. Hickey	Elliot, San Joaquin Co.		
26	Henry's Diggings	Grizzly Flats	28	9	13	335	"	3300	240		Blue cement	2 to 6	600		250	400	J. H. Bradley	Placerville		
27	Hidden Treasure	Indian Diggings	12	8	12	404	no	3000	60	1980'	Yellow	2 to 6	100		56	70	3	Richard Rowe & Co.	Omo Ranch	
28	Hill Top	Park	7	10	14	311	"	4500	140		Blue cement	2 to 6					4	The Bryant Co.	Diamond Springs	
29	Hook & Ladder	Placerville	8	10	11	141	yes	2100	40		"	2 to 6					6	J. J. Blair	Placerville	Wm. Potts (Supt.)
30	Horse Shoe Flat	Newton	15	10	12	313	no	3000	400		"	2 to 6		340			6	Horse Shoe Flat Mining Co.	"	
31	Indiana	Omo Ranch	31	9	13	348	yes	3200	272		Quartz	2 to 6			200			Mrs. M. E. Perry	Omo Ranch	
32	Indian Diggings	Indian Diggings	18	8	13	364	"	3000	450		Blue	2 to 9	167		200		2	Hayward Lane & Hobart (owners)	"	
33	Jones Hill	Georgetown	30	13	10	336	"	2400	120	3000'	Blue cement	2 to 9	200		250		1	Estate of G. H. Barklage	Georgetown	A. J. Crain (Supt.)
34	Kenna & Morgan	"	15	13	11	302	"	3150	200		"	3 to 6	1500		100 to 200			Two Channel Mining Co.	Placerville	H. E. Picket (Mgr.)
35	Kentucky Flat	"	22	13	11	303	no	3200	157		Loose quartz	3 to 15	625		30	100	2	Two Channel Mining Co.	"	
36	Kumia	Smith's Flat	9, 10, 15, 16	10	11	143	yes	2100	145		Blue cement	2 to 7	2400		110			W. P. Carpenter	"	
37	Lamb, T. R.	Indian Diggings	24	8	12	371	"	3000	60		"	3 to 7			100			W. S. Hickey	Lamora, Kings County	
38	Landecker	Placerville	17, 20	10	11	105	"	1900	64		"	2 to 10	1400		20 to 200		6	Thomas Clark	Placerville	
39	Leventon	Indian Diggings	7	8	13	360	"	3000	70		"	3 to 7	265		200	90		Ball, Ekel & Wenzel	Indian Diggings	
40	Linden & Confidence	Placerville	17	10	11	112	"	2050	120	3000'	"	5	2000		1000			Thomas Alderson	Placerville	Bonded to Thomas Clark
41	Madden	Smith's Flat	1, 2, 12, 14	10	11	146	yes	2500	720		Blue cement	4 to 10	700		40 to 300		40	W. C. Green	Georgetown	
42	McDonald	Placerville	17	10	11	116	"	2050	30	1300'	"	5	1200		100 to 300		4	Thomas Alderson	Placerville	
43	Mississippi	Josephine	8	13	11	296	no	3150	60		Cemented	3 to 6	700				1	Chas. F. Lloyd	Josephine	
44	Mountain View	Omo Ranch	31	9	13	346	yes	3200	160		Blue and red	3 to 7			100			Ct. Edner	Omo Ranch	
45	Mt. Gregory	Josephine	9	13	11	299	no	3200	60		Loose quartz	3 to 6			80 to 100		2	Mt. Gregory Mining Co.	Porter Phillips (Mgr.), Josephine	
46	Novia	"	9	13	11	297	"	3000	80		Cemented	3 to 6	600				3	Two Channel Mining Co.	H. E. Picket (Mgr.), Placerville	
47	Parker Gravel	Placerville	20	10	11	104	yes	2100	120		Blue cement	2 to 6	150		30 to 60			Mountain & Green	Placerville	
48	Patterson	Indian Diggings	20	8	13	370	"	3300	20		Blue	3 to 7	500		150			Combella & Miller	"	
49	Payne	"	28	9	13	334	"	4000	50		"	2 to 8	80		40			J. M. McClain	Grizzly Flats	
50	Pine Ridge	"	2	8	12	375	"	3000	120		"	3 to 7	1200		150		1	W. C. Fithian	Ione, Amador Co.	J. S. Claypole (Supt.)
51	Potts & Maginess	Newtown	21	10	12	314	no	2600	100	1500'	Blue and grey	2 to 7	450		70			Potts & Maginess	Placerville	
52	Rising Hope	Placerville	15	10	11	106	yes	2100	145	3000'	Blue cement	2 to 7						Mrs. Edwards & McCullis	"	Bonded to E. W. Chapman Dodge Pulverizer Mill water power
53	Riveria	"	16	10	11	107	"	2200			"	2 1/2 to 5			500		10	J. Q. Wrenn, M. D.	"	
54	Rubicon	Josephine	15	13	11	301	no	3200			"	2 to 6	750				2	Estate of G. H. Barklage	Georgetown	
55	Scheel, J. C.	Indian Diggings	21	8	13	369	yes	4000	110		Grey	2 to 6	500		40		1	J. C. Scheel	Indian Diggings	

REGISTER OF MINES AND MINERALS OF CALIFORNIA—DRIFT MINES.

	NAME OF MINE.	NEAREST TOWN OR P. O.	LOCATION.				WHETHER PATENTED.	ELEVATION.	AREA.	NAME OF STREAM.	LENGTH OF CHANNEL.	CHARACTER OF GRAVEL.	DEPTH TO BEDROCK.	LENGTH OF TUNNEL.	DEPTH OF SHAFT.	WIDTH OF BUREAU.	MEN EMPLOYED.	COMPANY, OWNER OR SUPERINTENDENT		REMARKS.	
			SECTION.	TOWNSHIP.	RANGE.	MAP NO.												NAME.	ADDRESS.		
56	Sebastapol.....	Georgetown.....	28, 29	13	11	300	no	3000	120		4000'	Loose quartz, etc....	1 to 8	1500		100		Geo. Wiest.....	Georgetown.....		56
57	South Slope.....	Placerville.....	17	12	13	307	"	5270	170	Onion Valley Channel...	2	Pink.....	3	100	68	148	5	A. S. Bosquit et al.....	Placerville.....		57
58	Spanish Gravel.....	".....	18	10	11	115	yes	2050	7	Coon Hollow Channel...	600'	Blue cement.....	5	500		100	4	Thomas Alderson.....	".....		58
59	Spanish Hill.....	".....	8	10	11	140	no	2100	95	".....	4000'	".....	5			800		".....	".....		59
60	Spring Tunnel.....	Josephine.....	10	13	11	300	yes	3200	60	Missouri Cañon Channel...		Loose quartz, etc....	3 to 6					J. E. Russell.....	San Francisco.....		60
61	St. John.....	Virner.....	34	13	11	305	"	3100	160	White Channel.....	1	".....	2 to 6					J. L. Bulens et al.....	".....		61
62	Sunny South.....	Indian Diggings.....	18	8	13	362	no	3500	100	Finn Channel.....		Blue.....	2 to 7	600		40	3	Benson, Norgren & Kohlert.....	Indian Diggings.....		62
63	Telegraph.....	".....	18	8	13	361	yes	3000	39	Marble Channel.....		".....	2 to 7			200		Hall, Backman & Kohlert.....	".....		63
64	Texas Hill.....	Placerville.....	8, 9, 16, 17	10	11	107	"	2100	285	Weber Creek.....	2580'	Cement.....	2 to 6	1400	275	80		El Dorado Water & Deep Gravel M Co.....	".....		64
65	Tiedemann.....	Georgetown.....	34	13	11	304	"	3200	127	".....	1	Loose quartz, etc....	3 to 16	1000				Two Channel Mining Co.....	Placerville.....	H. E. Picket (Mgr.).....	65
66	Tipton Hill.....	Virner.....	3	12	11	306	no	3100	160	White.....	1	".....	1 to 5	750				F. H. Irish.....	Georgetown.....		66
67	Toll House.....	Smith's Flat.....	11	10	11	144	yes	2400	120	".....	1	Grey.....	2 to 7			40		Toll House Mining Co.....	".....		67
68	Volcano.....	Indian Diggings.....	8	8	13	356	"	3000	54	Brownsville Channel.....	1	Blue.....	100			400		Hayward, Lane & Hobart.....	A. J. Crain (Supt.).....		68
69	Webber.....	Placerville.....	18	10	11	114	"	2050	40	Coon Hollow Channel.....	360'	Blue and red.....	2 to 6		540	225		El Dorado Water & Deep Gravel M Co.....	".....		69
70	Webster (Grey Eagle Cliff).....	Josephine.....	8	13	11	295	no	3200	100	".....		Red cement.....	2 to 4	800		300		Estate of G. H. Barklage.....	Georgetown.....		70
71	Wright.....	Placerville.....	16	10	11	111	yes	2050	12	Coon Hollow Channel.....	700'	Blue and red.....	5	250		300		Thomas Alderson et al.....	Placerville.....		71
72	Yellow Jacket.....	Indian Diggings.....	18	8	13	363	"	3000	56	Indian Diggings Channel...	1	Blue.....	2 to 6	650		25		A. H. Jinkerson.....	Indian Diggings.....		72
73	Zimmerman.....	Pacific.....	34, 35	11	13	310	"	3250	240	South Fork American Riv	1	".....	2 to 7	Opnct1060				Jas. H. Zimmerman.....	Pacific.....		73

12 REGISTER OF MINES AND MINERALS OF CALIFORNIA—PLACER AND BEACH MINES

	NAME OF MINE.	NEAREST TOWN OR P. O.	LOCATION.				WHETHER PATENTED.	ELEVATION.	AREA.	LENGTH OF DITCHES.	LENGTH OF CHANNEL.	MANNER OF WORKING.	COMPANY, OWNER OR SUPERINTENDENT.		NOTE.
			SECTION.	TOWNSHIP.	RANGE.	MAP No.							NAME.	ADDRESS.	
1	Gold Bug.....	Georgetown.	33	13	10	390	yes	<i>Fect.</i> 2350	<i>Acres.</i> 150	<i>Miles.</i>	14	Hydraulic elevator	Gold Bug Mfg. Co...	708 Garfield Bldg, Cleveland, O., W.E. Thorne (Supt)	
2	Mammoth Bar.	Cool.....	6	12	9	398	"	600	L'gth 10,000'		10,000	" "	Col. W. S. Davis..	Auburn, Cal.....	

REGISTER OF MINES AND MINERALS OF CALIFORNIA—HYDRAULIC MINES.

	NAME OF MINE.	NEAREST TOWN OR P. O.	LOCATION.				WHETHER PATENTED.	AREA.	ELEVATION.	HEIGHT OF BANK.	THICKNESS OF GRAVEL.	WATER.										
			SECTION.	TOWNSHIP.	RANGE.	MAP No.						SOURCE OF WATER.	QUANTITY, IN INCHES.	WIDTH OF DITCH.	DEPTH OF DITCH.	LENGTH OF DITCH.	GRADE OF DITCH.	LENGTH OF PIPE.	DIAMETER OF PIPE.	HEAD.		
1	Red Hill.....	Placerville.....	27	10	11	99	yes	Acres. 40	Feet. 2100	Feet. 12	Feet. 6½	Ringgold Creek.....	200	Feet. 3	Feet. 2	Miles. 2½	Inches. ½	Feet. 450	Inches. 11	Feet. 100		
2	Slug Gulch.....	Fairplay.....	25, 26, 36	9	12	381	"	530	3000	80	80	South Fork Cosumnes.....	400	3	2	12	½	1500	11	100		
3	Snow Bros.....	Newtown.....	16	10	12	312	"	600	2500	40	10 to 20	El Dorado Water Co.'s Ditch....						2500	11	250		

GIANTS.	DRAINS INTO TRIBUTARY OF	MEN EMPLOYED.	DATE OF PERMIT GRANTED BY DEBRIS COMMISSION.	COMPANY, OWNER OR SUPERINTENDENT.		REMARKS.
				NAME.	ADDRESS.	
1	American.....	2	December, 1901	W. W. Stone.....	Placerville.....	1
2	Cosumnes.....		Enjoined 12 years ago	N. B. Hall.....	Providence, R. I.....	2
2	American.....		1901	Snow Bros.....	Placerville.....	3

REGISTER OF MINES AND MINERALS OF CALIFORNIA—MILLS, ARRASTRAS, ETC.

	NAME OF MILL.	NEAREST TOWN OR P. O.	LOCATION.				ELEVATION.	POWER.	CHARACTER OF MILL, STAMP, PATENT MILL, ARRASTRA, ETC.	NUMBER OF MILLS.	DIAMETER.	NUMBER OF STAMPS.	WEIGHT EACH STAMP—POUNDS.	CAPACITY, 24 HOURS—TONS.	CONCENTRATORS.		FURNACE—No.	CYANIDE PLANT, DAILY CAPACITY.	GOLDEN PLANT, DAILY CAPACITY.	CANVAS TABLE—Size.	COMPANY, OWNER OR SUPERINTENDENT.		REMARKS.
			SECTION.	TOWNSHIP.	RANGE.	MAP No.									NAME.	No.					NAME.	ADDRESS.	
1	Alpine.....	Georgetown.....	15	12	10	239	2550	Water.....	Huntington.....	1	Feet. 5			20	Woodbury, 1; Standard, 1.....	2					Lucero Mg. Co.....	Los Angeles.....	1
2	Athens.....	".....	1	12	10	270	3100	Steam.....	Stamp.....			2	250	4							G. Demetra.....	Georgetown.....	2
3	Baltic.....	Grizzly Flats.....	23	10	13	319	4250	".....	".....			5	750	25							Reeg & Sciaroni.....	Placerville.....	3
4	Big Canyon (Oro Fino).....	Canyon.....	29	9	10	16	850	Water.....	".....			30	1200	80	Frue.....	6					Hayward, Lane.....	San Francisco.....	4
5	Big Sandy.....	Kelsey.....	24	11	10	169	2000	".....	".....			10	750	18							Big Sandy Mg. Co.....	Toledo, O.....	5
6	Blue Bird.....	Placerville.....	18	12	12	308	4000	Steam.....	".....			10	750	20							H. S. Morey.....	Placerville.....	6
7	Boulder.....	Shingle Springs.....	33	11	9	200	1150	Water.....	Stamp.....			20	1000	60	Union.....	2					Boulder Mg. Co.....	San Francisco.....	7
8	Buena Vista.....	El Dorado.....	19	9	11	25	900	Steam.....	".....			5	1100	20	Union.....	1					O. C. Richards.....	".....	8
9	Bullard.....	Grizzly Flats.....	27	10	13	320	3700	Water.....	".....			2	750	9							Joseph Lyons.....	Grizzly Flats.....	9
10	California Jack.....	Georgetown.....	22	12	10	230	2550	".....	".....			10	1000	30							P. M. Bequette et al.....	Los Angeles.....	10
11	Cambrian.....	Lotus.....	25	11	9	199	1400	".....	".....			10	1000	30	Union.....	2					Cambrian Mg. Co.....	Denver, Col.....	11
12	Church.....	El Dorado.....	12	9	10	53	1180	".....	".....			10	850	30	Frue.....	4					Church Gold Mg. Co.....	San Francisco.....	12
13	Crystal.....	Omo Ranch.....	32	9	13	343	3500	".....	".....			8	750	20							Charity Gold Mg. Co.....	Oakland.....	13
14	Dalmatia.....	Kelsey.....	13	11	10	173	2000	Electric.....	Hunt'ton & stamp.....	1	5	10	850	45	Wildley.....	2					W. A. Bell.....	Kelsey.....	14
15	Darling.....	Georgetown.....	33	12	11	193	2700	Steam.....	Stamp.....			10	750	25	Hendy.....	1					P. G. Galpin.....	45 Crocker Bldg., San Francisco.....	15
16	Eagle King.....	Grizzly Flats.....	4, 9	9	13	326	4000	Water.....	".....			10	700	25	Frue.....	2					E. W. Witmer & Melton Heirs.....	Placerville.....	16
17	Esperanza.....	Garden Valley.....	28	12	10	220	2450	Steam.....	".....			10	1000	30	Wildley.....	1					Haswell Bros.....	Chester, England.....	17
18	Fisk.....	Placerville.....	7	10	11	129	1950	Water.....	".....			5	850	20	Hendy.....	1					J. H. Skinner.....	Placerville.....	18
19	Franklin (gravel).....	".....	16	10	11	109	1950	".....	".....			10	600	60							Thomas Clark.....	".....	19
20	French Hill.....	Greenwood.....	36	13	9	263	2000	".....	".....			10	750	30							A. J. Johnson et al.....	Sacramento.....	20
21	German.....	El Dorado.....	14	9	10	29	1150	".....	".....			10	850	30	Frue, 2; Wildley, 1.....	3					O. C. Richards.....	San Francisco.....	21
22	Golden Egg.....	Greenwood.....	17	12	10	237	2000	".....	Arrastra.....		12			3							Roberts & Gaydon.....	Greenwood.....	22
23	Golden State.....	Georgetown.....	29	13	10	389	2600	".....	".....			5	750	18							Wm. Barklage.....	Georgetown.....	23
24	Gopher Boulder.....	Kelsey.....	14	11	10	177	1950	".....	Huntington.....	2	5	20	750	90	Wildley.....	4					W. A. Bell.....	Kelsey.....	24
25	Grand Victory.....	Placerville.....	33	10	11	98	2200	".....	Stamp.....			30	1000	80	Frue.....	4					J. C. Wright.....	Indianapolis, Ind.....	25
26	Griffith Consolidated.....	Diamond Springs.....	30	10	11	80	1800	Electric.....	".....			20	950	60	Union.....	4					Jumper G. Mg. Syndicate of Cal., Ltd.....	Stent, Tuolumne Co.....	26
27	Kenna & Morgan.....	Georgetown.....	15	13	11	302	3150	Water.....	".....			10	750	60							Two Channel Mg. Co.....	Placerville.....	27
28	Lady Emma.....	Kelsey.....	13	11	10	175	2000	".....	".....			10	850	45	Frue.....	2					H. S. Morey.....	".....	28
29	Larkin.....	Diamond Springs.....	29	10	11	82	2000	Steam.....	".....			10	1000	30	Wildley.....	2					Larkin Mg. Co.....	Diamond Springs.....	29
30	Lans Padre.....	El Dorado.....	26	9	10	14	1650	Water.....	".....			5	750	15							J. R. Vandegrift.....	Indian Digings.....	30
31	Linden (gravel).....	Placerville.....	17	10	11	112	1950	".....	".....			10	500	60							Thomas Alderson.....	Placerville.....	31
32	Little Chief.....	Georgetown.....	28	13	10	284	2600	".....	".....			1		3							Beattie Bros.....	Georgetown.....	32
33	Log Cabin.....	Canyon.....	30	9	10	17	1640	".....	".....			5	900	15							J. Darrow.....	Canyon.....	33
34	Lone Star.....	Nashville.....	11	8	10	1	800	".....	Huntington.....		5			20							J. C. Heald.....	Nashville.....	34
35	Melton.....	Grizzly Flats.....	4	9	13	325	3800	Steam.....	Stamp.....			20	700	50	Frue.....	8					Isaac P. Lamson.....	Nashville.....	35
36	Minnehaha.....	El Dorado.....	11	9	10	45	1800	".....	".....			4	850	9							Osborne & Payne (owners).....	Cleveland, O.....	36
37	Montezuma.....	Nashville.....	35	9	10	9	800	Water.....	".....			10	850	30	Woodbury.....	2					J. C. Heald.....	Nashville.....	37
38	Mt. Hope.....	Grizzly Flats.....	34	10	13	322	3700	".....	".....			10	700	28	Woodbury.....	1					Mt. Hope Mg. Co.....	Grizzly Flats.....	38
39	Mt. Pleasant.....	".....	16	9	13	331	3800	Steam.....	".....			10	750	28	Frue.....	4					Mt. Pleasant Mg. Co.....	".....	39
40	Nashville.....	Nashville.....	2	8	10	6	800	".....	".....			20	1000	40	Triumph.....	6					Joshua Hendy Machine Works.....	San Francisco.....	40
41	New Victor.....	Placerville.....	2	11	11	386	2200	".....	".....			10	750	28							V. Hallade.....	Placerville.....	41
42	Oliver.....	Greenwood.....	7	12	10	249	1600	Water.....	".....			4	750	9							Mrs. J. J. De La Montanya.....	Greenwood.....	42
43	Omo.....	Omo Ranch.....	32	9	13	340	3500	".....	".....			10	1000	30	Wildley.....	2					J. H. Wright (Mgr.).....	402 Kearny st., San Francisco.....	43
44	One to Sixteen.....	Placerville.....	7	10	11	126	1870	".....	".....			2	1000	6							W. A. Craddock.....	Placerville.....	44
45	Pocahontas.....	El Dorado.....	10	9	10	43	1400	Steam.....	".....			5	850	15							Quincy Chase.....	San Francisco.....	45
46	Poverty Point.....	Placerville.....	36	11	10	153	2000	Water.....	".....			15	700	50	Wildley.....	1					E. W. Witmer & Heirs of J. Melton.....	Placerville.....	46
47	Pyramid.....	Rescue.....	12, 13	10	9	148	1400	".....	".....			15	1000	50	Frue.....	3					Shingle Gold Mg. Co.....	1163 Clay st., Oakland.....	47
48	Rattlesnake.....	Garden Valley.....	28	12	10	221	2100	Water.....	Stamp.....			2	250	3							Yong & Heindel.....	Garden Valley.....	48
49	Red Hill.....	Greenwood.....	20	12	10	234	2000	Gas.....	Ideal.....			2		10							Red Hill Mg. Co.....	Greenwood.....	49
50	Richmond.....	Omo Ranch.....	4	8	13	353	3300	Water.....	Stamp.....			8	800	24							Witmer, Williams & Fuller.....	Placerville.....	50
51	Rip Van Winkle.....	Kelsey.....	27	12	11	195	2800	".....	".....			5	650	7							H. S. Morey.....	".....	51
52	River Hill.....	Placerville.....	6	10	11	138	2000	".....	".....			20	1000	60	Wildley.....	3					River Hill M. & M. Co.....	".....	52
53	Riveria (gravel).....	".....	16	10	11	107	2200	".....	Dodge Pulv.....					60							J. Q. Wrenn, M. D.....	".....	53
54	Rosebud.....	Omo Ranch.....	4	8	13	351	3100	".....	Stamp.....			5	850	12							Rose Bud Con. Mg. Co.....	Omo Ranch.....	54
55	School Girl.....	El Dorado.....	12	9	10	41	1180	".....	".....			20	1100	60							Union Gold Mg. Co.....	320 Sansome st., San Francisco.....	55

REGISTER OF MINES AND MINERALS OF CALIFORNIA—MILLS, ARRASTRAS, ETC.

	NAME OF MILL.	NEAREST TOWN OR P. O.	LOCATION.				ELEVATION.	POWER.	CHARACTER OF MILL, STAMP, PATENT MILL, ARRASTRA, ETC.	NUMBER OF MILLS.	DIAMETER.	NUMBER OF STAMPS.	WEIGHT EACH STAMP—POUNDS.	CAPACITY, 24 HOURS—TONS.	CONCENTRATORS.		FURNACE—No.	CYANIDE PLANT, DAILY CAPACITY.	CHLORINATION PLANT, DAILY CAPACITY.	CANVAS TABLE—SIZE.	COMPANY, OWNER OR SUPERINTENDENT.		REMARKS.	
			SECTION.	TOWNSHIP.	RANGE.	MAP No.									NAME.	No.					NAME.	ADDRESS.		
56	Starlight	El Dorado	10	9	10	48	Feet. 1720	Steam	"	10		1000	30								Starlight Mg. Co.	Market & Beale sts., S. F.		56
57	St. Clair	Kelsey	14	11	10	176	2100	Water	"	5		850	15								Ben L. Peters (Supt.)	Kelsey		57
58	Stillwagon	Omo Ranch	32	9	13	345	3300	"	"	5		850	19		Woodbury	1					Hill, Atwood & Co.	Omo Ranch	E. C. Atwood (Supt.)	58
59	Sunrise	Kelsey	13	11	10	174	2500	"	"	10		800	30								Mrs. Cora Grady	311 N. 3d st., Victor, Col.		59
60	Texas Hill (gravel)	Placerville	16	10	11	107	2200	"	"	10		750	60								El Dorado Wtr & Dp Gravel M. Co.	Placerville		60
61	Union	El Dorado	12	9	10	39	1200	"	"	20		1100	60								Union Gold Mg. Co.	El Dorado	320 Sansome st., San Francisco.	61
62	Vandalia	Canyon	19	9	10	15	1220	Gas	Rolls				200				200				John Rosenfeld's Sons	202 Sansome st., San Francisco.	Dry crushing with rolls and cyaniding by leaching.	62
63	Zantgraf	Loomis (Placer county)	21, 22	11	8	207	650	Steam & electric.	Stamp	25		1000	80								D. H. Coles	Leomis		63

REGISTER OF MINES AND MINERALS OF CALIFORNIA — MINERAL SPRINGS.

	NAME OF SPRING.	NEAREST TOWN OR P. O.	LOCATION.				ELEVATION.	OWNER.		ANALYST.	FLOW DAILY.	TEMPERATURE FAHR.	TOTAL SOLIDS.	GRAINS IN U. S. OR IMPERIAL GALLONS, PERCENTAGE.	SODIUM.			POTASSIUM.	MAGNESIUM CARBONATE.	CALCIUM CARBONATE.	IRON & ALUMINIA OXIDES.	FERROUS.	FERRIC.	SILICA.	ALUMINA.	MANGANESE.	ARSENIC.	BARIUM.	STRONTIUM.	LITHIUM CARBONATE.	BORATES.	ORGANIC MATTER.	SULPHURETED HYDROGEN.	CARBONIC ACID.	CARBURETED HYDROGEN.	BISMUTH.	SALT.	SULPHUR.	SULPHURIC ACID.	BORACIC ACID GAS.	NOTE.	
			SECTION.	TOWNSHIP.	RANGE.	MAP No.		NAME.	ADDRESS.						SULPHATE.	CHLORIDE.	CARBONATE.																									
1	Rubicon	McKinney's, LakeTahoe	31	14	16	399	6000	D. Abbott....	780 N. 14th st., San Jose	Prof. N. E. Wilson....	500 gals.			U. S.	2.098	12.480	15.050		80.44	10,590	10.88			4879						110				yes		yes	yes	yes		Very strong.....		1
2	Wentworth's	Georgetown	31	14	15	400	6200	G. Wentworths	Georgetown		500 gals.	60	Almost 1 1/2 %		yes	yes	yes		yes								yes															2

REGISTER OF MINES AND MINERALS OF CALIFORNIA—MISCELLANEOUS.

	NAME OF MINE.	NEAREST TOWN OR P. O.	LOCATION.				WHETHER PATENTED.	ELEVATION.	CHARACTER.	SHAFT.	INCLINE.	OPEN CUT.	TUNNEL.	DRAFT.	POWER.	No. MEN EMPLOYED.	COMPANY, OWNER OR SUPERINTENDENT.		REMARKS.
			SECTION.	TOWNSHIP.	RANGE.	MAP No.											NAME.	ADDRESS.	
COPPER.																			
1	Contraband	Georgetown	24	12	10	231	no	2700	Copper sulphide ore, 15% copper; also carries gold and silver.	Feet.						2	O. S. Ford	Georgetown	
2	Cosumnes	Fairplay	25	9	12	382	yes	1950	Copper sulphide ore, 15% copper; also galena and other sulphurets; vein of ore 16'	50			150			6	John Thiesen	1516 Kerr st., San Francisco	
3	Lilly Emma	Pilot Hill	3	11	9	216	"	1500	Copper sulphide ore, 7% copper; also carries gold and silver.	25			200			6	E. A. Stent	San Francisco	W. J. Stoneham (Supt.)
4	Noonday	El Dorado	18	9	11	56	no	1300	Copper sulphide ore, 5 to 9% copper; also carries gold and silver.	28			350	85		6	Peyton Chemical Co.	Martinez, Cal.	
5	Pioneer	Pilot Hill	3	11	9	215	yes	1500	Copper sulphide ore, 5 to 7% copper; also carries gold and silver.	250			1500				Wm. Haaker	New York	
ASBESTOS.																			
6	Contraband	Georgetown	24	12	10	232	no	2700	Asbestos			yes					O. S. Ford	Georgetown	
7	French Hill	Greenwood	36	13	9	263	yes	2500	Asbestos			"					A. J. Johnson & E. S. Hadley	Sacramento	
SLATE.																			
8	California Slate Mfg. Co.	Placerville	7	10	11	393	yes	1900	Slate for roofing and other purposes.			Quarry				25	Cal. Slate Mfg. Co.	112 New Montgomery st., S. F.	
9	California Bangor Slate Co.	Kelsey	11	11	10	181	"	2000	Slate			"				60	Cal. Bangor Slate Co.	Placerville	
10	Eureka Slate Co.	"	23	11	10	172	"	2000	Slate for roofing and other purposes.			"		Steam			Eureka Slate Co.	Kelsey	
11	Big Tunnel	Placerville	6	10	11	135	"	1400	Slate vein 130' wide, 300' from surface.				375				River Hill M. & M. Co.	Placerville	Thomas Clark (Mgr.)
MARBLE.																			
12	Bind & Co.	Placerville	21	10	11	395	yes	1450	Marble; white, mottled, brown and blue grey.			Quarry					Edward Bind	Placerville	
13	Indian Diggings	Indian Diggings	18	8	13	394	"	3000	Marble; white, mottled.								Hayward, Hobart & Lane	San Francisco	
LIMESTONE.																			
14	Alabaster Cave	Cool	7	12	9	336	yes	450	Lime.			Quarry					H. T. Holmes Co.	22 & 24 Sacramento st., S. F.	
15	Cave Valley	"	18	12	9	397	"	1200	Lime.			"					H. Cowell	211 Drumm st., San Francisco	
16	Swisler	Placerville	21	10	11	395	"	1450	Lime.			"					C. A. Swisler	Placerville	