

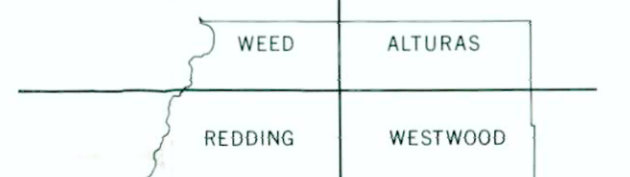
EXPLANATION

- QUATERNARY**
- Qv** Volcanic rocks
Intrusive dacite domes, flows of basalt, and pyroclastic deposits.
 - Qp** Nonmarine sedimentary and unconsolidated deposits
Tehama and Red Bluff Formations; glacial, lake, and river-terrace deposits; alluvium; and dredge tailings.
 - TQv** Volcanic rocks
Tuscan Formation; Nason's Top; Member of Tuscan and Tehama Formations; cinder cones; andesitic and basaltic flows and small intrusive masses; and minor pyroclastic deposits.
- Eocene**
- Ec** Montgomery Creek Formation
Nonmarine sedimentary rocks.
- CRETACEOUS**
- K** Marine sedimentary rocks
Chico Formation and other units.
- MESOZOIC**
- G** Granitic rocks
Quartz diorite of Shasta Baldy batholith, trondhjemitic of Mule Mountain stock, mafic quartz diorite of McClellan River area, granodiorite of Castle Crags, and other scattered occurrences.
 - ub** Ultrabasic and basic intrusive rocks
Mostly serpentinitized peridotite, with subordinate diorite, gneissite.
 - JT** Metamorphosed volcanic and sedimentary rocks
Bully Hill Rhyolite, Pit Formation, Hazelton Limestone, Brock Shale, Mariposa, Arroyo, and Potomac Formations, and Bagley Andesite.
- TRASSIC - JURASSIC**
- M** Bragdon Formation
Metamorphosed marine sedimentary rocks.
- MIDDLE (I) DEVONIAN**
- Db** Baikalala Rhyolite
Metamorphosed siliceous volcanic flows and pyroclastic deposits.
 - Dc** Copley Greenstone
Metamorphosed siliceous volcanic flows and pyroclastic deposits.
- UNDIFFERENTIATED**
- P** Combined geologic units
Salmon and Abrams Formations; Gross Ridge, Stuart Fork, and Chancelaria Formations; Kennel and Rain Formations; McClellan Limestone; and Nasoni and Dakas Formations; some of Tertiary age.
- INDEX MAP**
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TOPOGRAPHIC BASE MAP BY THE U.S. GEOLOGICAL SURVEY

Scale 1:250,000
20 Statute Miles / 30 Kilometers

CARTOGRAPHY DRAFTED BY EDWARD L. FOSTER
GEOLOGY ADAPTED FROM GEOLOGIC MAP OF CALIFORNIA, OLAF P. JENKINS EDITION—ALTURAS SHEET (COMPILED BY T. E. GAY, JR., AND QUINTIN A. AUNE 1958), REDDING SHEET (COMPILED BY RUDOLPH G. STRAND 1962), WEED SHEET (COMPILED BY RUDOLPH G. STRAND 1963) AND WESTWOOD SHEET (COMPILED BY P. LYDON, T. E. GAY, JR., AND G. W. JENKINGS 1969)



GEOLOGIC MAP OF SHASTA COUNTY, CALIFORNIA
SHOWING MINES AND MINERAL DEPOSITS
by Philip A. Lydon 1972

MINES AND MINERAL DEPOSITS
PRINCIPAL OR RECENTLY ACTIVE MINES

Map No.	Name of property	Sec.	Location	T.	R.
CHROME					
1	Castella Mining and Milling Company	16	36N	4W	
2	Davis group	24	37N	5W	
3	Forest Queen	22, 27	37N	5W	
4	Little Castle Creek	4	38N	4W	
5	Lucky Strike	7	38N	4W	
6	Pine and Dougherty	15, 24	37N	5W	
7	Round Bottom	5	38N	10W	
COPPER					
8	Afterthought	10, 11, 15	31N	2W	
9	Akers group	6, 7	31N	5W	
10	Balakala group	11, 12, 13, 14	31N	6W	
11	Baxter-Winthrop	21, 28	34N	3W	
12	Bully Hill-Rising Star	15, 16, 31			
13	Dunkey	22, 28	34N	3W	
14	Early Bird	10, 11	33N	6W	
15	Friday-Louden	5, 6	33N	5W	
16	Golinsky	28	34N	5W	
17	Greenhorn	5, 6	32N	7W	
18	Iron Mountain	26, 27, 33	31N	7W	
19	JCL	34, 35, 36	31N	7W	
20	Keystone	13, 14	31N	6W	
21	Love Star	12	31N	6W	
22	Mammoth	32	34N	5W	
23	Shasta King	11, 12	31N	6W	
24	Shasta May Blossom	14, 15	34N	5W	
25	Spread Eagle group	13	31N	6W	
26	Stewell	31, 32	31N	6W	
27	Sutro	29, 30	34N	5W	
28	Thompson	54	33N	4W	

Map No.	Name of property	Sec.	Location	T.	R.
GOLD, LODGE					
29	Ajax	28	33N	6W	
30	American	12, 13	33N	7W	
31	Ballou	7, 18	31N	6W	
32	Bell Cow	15	30N	6W	
33	Benson group	12, 14	32N	6W	
34	Blue Gravel	2	31N	5W	
35	Blue Gravel	16	33N	6W	
36	Bowell group	7	31N	5W	
37	Buena Vista	8	31N	5W	
38	Calumet Consolidated	10	32N	5W	
39	Central	3, 4	32N	5W	
40	Cleveland	33, 34	33N	5W	
41	Clipper and Snyder group	15	32N	5W	
42	Combination	36	34N	6W	
43	Delta Consolidated	17	33N	7W	
44	Desmond	9	32N	6W	
45	Eller	11	32N	6W	
46	El Dorado	3	32N	7W	
47	Eureka Tellurium	29	32N	5W	
48	Evening Star	3, 4	32N	5W	
49	Franklin and Milkmaid	8, 9, 16, 17	31N	7W	
50	Gambinos	5, 6	31N	5W	
51	Gladstone	7, 8, 17, 18	31N	6W	
52	Gulf Leaf	16	31N	5W	
53	Green	7	30N	7W	
54	Highland	9, 10	31N	7W	
55	Highland Lake	12	31N	6W	
56	Hobos	17	31N	7W	
57	Hummingbird	21	32N	5W	
58	Jealous	6	32N	5W	
59	Jumbo	23	31N	6W	
60	Kanaka	15	31N	6W	
61	Lady Slipper	11	32N	6W	
62	Mad Male	31	33N	6W	

Map No.	Name of property	Sec.	Location	T.	R.
GOLD, LODGE—Continued					
63	Mad Ox	28	33N	6W	
64	Menard	31	31N	5W	
65	Midas	6	32N	5W	
66	Milton	3, 4, 10	32N	5W	
67	Milner's group	19	31N	7W	
68	Mount Shasta	34	31N	6W	
69	National	23	31N	5W	
70	Niagara	7, 8, 17, 18	31N	2W	
71	Old Indian	4	31N	2W	
72	Old Spanish	10, 11, 15	32N	5W	
73	Original Quartz Hill	10, 11, 15	32N	5W	
74	Oro Fino	34, 35	32N	6W	
75	Oro Grande	15	32N	5W	
76	Potato	15, 22	31N	6W	
77	Reid	3, 4	32N	5W	
78	St. Jude	19	31N	7W	
79	Summit	19	31N	7W	
80	Sybil	7	33N	7W	
81	Texas Consolidated	4	32N	5W	
82	Tom Green	18	31N	7W	
83	Truscott	16, 21	31N	6W	
84	Uncle Sam	1	33N	6W	
85	Walker	6	33N	7W	
86	Washington	3, 4	32N	5W	
87	West End	16, 17	31N	7W	
88	Whiskey Hill	16	31N	6W	
89	Yankee John	28	33N	6W	
90	Yankee John	17	31N	5W	

Map No.	Name of property	Sec.	Location	T.	R.
GOLD, PLACER—Continued					
91	Lincoln Gold Dredging Company	34	33N	7W	
92	Russell	34	31N	6W	
93	Thurman Gold Dredging Company	26, 27	31N	5W	
94	Tripp	2	32N	7W	

Map No.	Name of property	Sec.	Location	T.	R.
IRON					
95	Hill Mountain	7, 8	35N	3W	
96	Iron Mountain	34	35N	6W	
97	Negro Hill	104	34N	4W	
98	Shasta Iron Company group	26	34N	4W	
LEAD					
101	Silver Fern	29	34N	1W	
MANGANESE					
102	Negro Hill	14	30N	8W	
103	Pit River Consolidated	1	33N	4W	
104	Pit River Consolidated	36	34N	4W	
MOLYBDENUM					
105	Boulder Creek	33	37N	5W	
SILVER					
106	Big Dyke	18, 19	31N	6W	
107	Climax	16, 21	31N	6W	
108	Silver Falls-Chicago Consolidated	17, 18, 19	31N	6W	
109	Silver King	8	31N	6W	
110	White Star	20	31N	6W	
ASBESTOS					
111	Bliss group	20	37N	5W	
112	Stoek	1, 2, 4, 12	37N	5W	
113	Styvester	33	38N	5W	
BARITE					
114	Afterthought	2	34N	4W	
115	Glidden	18, 19	38N	3W	
116	Hill Mountain	12	35N	4W	

Map No.	Name of property	Sec.	Location	T.	R.
COAL					
117	Barnes	4	33N	1W	
118	Dakin	1	33N	2W	
119	Kook Creek	22	38N	1E	
120	Luce	20	33N	1W	
DIAZOTITE					
121	Clayton Creek group	17, 18, 19	37N	5E	
122	Insulator group	19, 30, 31	37N	4E	
123	Sheep Springs	1, 12	36N	3E	
124	Asher	1	36N	2E	
125	Briggsville	26, 35	37N	2E	
126	Brock Mountain	7	36N	3E	
127	Calaveras Cement Company	2, 3, 9, 16	36N	1W	
128	Emerald Glen	1	33N	2W	
129	Holt and Gregg	6	34N	5W	
130	Shasta Iron Company	26	34N	4W	
MINERAL SPRINGS					
131	Big Bend Hot Springs	36	37N	1W	
132	Castle Crags Spring	11, 12	38N	4W	
133	Mountain Spring Water Company	6	31N	4W	
PUMICE, ETC.					
134	Black Butte	31	35N	4E	
135	Doyle Butte	31	35N	4E	
136	Hackler	8	30N	1W	
137	Horr	21	38N	4E	
138	Masoosatche	9	34N	2E	
139	Per-O-Lite	23	36N	3E	
140	Pit No. 1	11	36N	4E	

Map No.	Name of property	Sec.	Location	T.	R.
PIUMICE, ETC.—Continued					
141	Potato Butte	17	32N	5E	
142	Sanford	1	35N	4E	
143	Stewart Masonry Supply	24	31N	5W	
SAND AND GRAVEL					
144	Anderson-Cottonwood Concrete Products	11	29N	4W	
145	Anderson Creek	22	30N	4W	
146	Carroll	36	35N	1W	
147	Cove	34	32N	2W	
148	Dodson	11, 12	30N	4W	
149	French Gulch	14	33N	7W	
150	J. H. Hein Company	6	31N	4W	
151	Oaks Sand and Gravel Company	30	31N	4W	
152	Old Station	8	32N	5E	
153	Rayner	25	37N	1W	
154	Redding Sand and Gravel Company	31	32N	4W	
155	Redding Transit Mix, Incorporated	6	31N	4W	
156	River Trucking	18	32N	4W	
157	J. F. Shea Company, Incorporated	30	31N	4W	
STONE, CRUSHED					
158	Bagala	13	33N	2W	
159	Dubois	26	34N	2W	
160	Fern	24	33N	1W	
161	Grant	34	34N	1W	
162	P. G. E.	36	37N	4E	
163	Shasta Forests Company	36	39N	2E	
STONE, DIMENSION					
164	Jewell	25	31N	6W	
165	Millville	16	31N	7W	
166	Texas Spring	29	31N	5W	
TALC					
167	Ganim	5, 8	32N	6W	

MINERAL COMMODITY SYMBOLS

- Asbestos
- Barite
- Chrome
- Coal
- Copper
- Diatomite
- Gold lode
- Gold placer
- Iron
- Lead
- Limestone
- Manganese
- Mineral springs
- Molybdenum
- Pumice, etc.
- Sand & Gravel
- Stone (crushed)
- Stone (dimension)
- Silver
- Talc

