

SUPPLEMENTAL MATERIAL FOR GAO-20-461R: Data on Solid Mineral Operations on Federal Lands

GAO-20-520SP, May 2020

Accessible Version

This product is a supplement to Mining on Federal Lands: More Than 800 Operations Authorized to Mine and Total Mineral Production Is Unknown ([GAO-20-461R](#)).

Background

This supplemental material presents data on the number of operations authorized to produce solid minerals (such as gold, phosphate, and coal) on federal lands as of September 30, 2018, and selected characteristics of those operations. The term mine operation refers to everything associated with extraction or production of a mineral, which can include a mill site, processing facility, and any associated infrastructure, according to agency officials. Different statutes and systems govern the management of solid minerals on public domain and acquired lands. In general, acquired lands are those granted or sold to the United States by a state or citizen; public domain lands usually were never in state or private ownership. About 90 percent of all federal lands are public domain lands, while the remaining 10 percent are acquired lands, according to a government report. For the purposes of this supplement, we group these minerals and their associated mine operations into four categories:

- **Locatable hardrock minerals.** Hardrock minerals authorized under the location system include minerals such as gold, silver, and copper that are subject to the General Mining Act of 1872. This act allows individuals to locate minerals on public domain lands and stake a claim to obtain the exclusive right to extract those minerals without paying a federal royalty. The Department of the Interior's (Interior) Bureau of Land Management (BLM) and the Department of Agriculture's Forest Service each maintain separate programs to evaluate and approve the locatable hardrock operations on the lands they manage.
- **Leasable hardrock minerals.** Hardrock minerals authorized under a leasing system include minerals such as gold, silver, and copper that are generally found on lands acquired by the Forest Service under the Weeks Act. BLM administers a leasing system for these minerals. In general, leasing systems allow the federal government to maintain title to the land and establish terms for use of the land, including for the duration of use, acreage limitations, and royalty terms.
- **Non-energy solid minerals.** Non-energy solid minerals include minerals such as phosphate and sodium found on federal lands that are subject to the Mineral Leasing Act

of 1920 and the Mineral Leasing Act for Acquired Lands of 1947. Individuals may extract these minerals using a leasing system administered by BLM.

- **Coal.** Coal may be extracted from federal lands under the Mineral Leasing Act of 1920 and the Mineral Leasing Act for Acquired Lands of 1947 using a leasing system administered by BLM. Interior's Office of Surface Mining Reclamation and Enforcement or an approved state agency regulates coal mine operations.

To determine the number of operations authorized to produce solid minerals on federal lands and their selected characteristics, we reviewed and analyzed information from agency data systems including BLM's Legacy Rehost 2000 (LR2000) and Alaska Case Retrieval and Enterprise System and the Forest Service's Natural Resource Manager. Specifically, we collected and analyzed information on mine operations that agencies had authorized to produce minerals from the federal mineral estate as of September 30, 2018, the most recent data available at the time of our review. We excluded from our review mine operations that had not yet been authorized to produce minerals (e.g., operations authorized for exploration only) and mine operations that had previously been authorized to produce minerals but that were closed as of the end of fiscal year 2018.

We also collected and analyzed information on selected characteristics of these mine operations, including the U.S. state in which the operation was located, the mineral category, the system (leasing or location) under which the operation was authorized and managed, the primary commodity being extracted by the mine operation, associated surface acres, and the federal lands on which the operation is located.

Regarding primary commodities, due to the large number of different commodities in agency data, we consolidated commodity names into groups of similar commodities where possible. In a few instances, the agencies were unable to determine the primary commodity being extracted, and indicated this in the data as unknown.

Regarding the associated surface acres, for locatable hardrock operations, agency officials provided the total surface acres the operations are authorized to disturb over the life of the mine. Operators do not always disturb the number of acres they are authorized to disturb, according to agency officials. Most locatable hardrock operations authorized to produce gold on BLM managed lands in Alaska progressively disturb areas along the stream beds where deposits occur. For these operations, we report acreage authorized for disturbance in fiscal year 2018. For all leasable operations, agency officials provided the total number of acres under lease. According to agency officials, aside from instances where the leasable mineral is developed by surface mining methods (such as coal mines in eastern Wyoming and phosphate mines in southeast Idaho) operations generally disturb a fraction of the leased acreage.

Regarding the federal lands on which each mine operation was located, we indicate whether the operation was located on BLM, Forest Service, or both BLM and Forest Service lands; other federal lands (such as those managed by the Department of Defense); or split estate lands (lands where the surface is privately owned). Where a mine operation was located on a combination of these lands, we indicated the operations as occurring on the lands where most of the operation occurred.

We interviewed BLM and Forest Service officials and reviewed agency documents, such as handbooks and manuals, to understand the agencies' data systems and processes. To assess the reliability of the data we collected, we tested agency datasets for reliability and completeness and interviewed officials about any discrepancies we identified. We also requested that BLM and Forest Service officials verify their systems' data with field office officials to confirm the accuracy of certain fields and reconcile data inconsistencies and gaps. We determined the data were sufficiently reliable for the purposes of reporting the number of mine operations on federal lands and information about their selected characteristics.

[Click here to download these data as a comma-separated values \(.csv\) file.](#)

We conducted the work upon which this supplement is based from June 2019 to May 2020 in accordance with generally accepted government auditing standards. Those standards require that we plan and perform the audit to obtain sufficient, appropriate evidence to provide a reasonable basis for our findings and conclusions based on our audit objectives. We believe that the evidence obtained provides a reasonable basis for our findings and conclusions based on our audit objectives.

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Appendix

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
1	AK	Hardrock	Locatable	GOLD	27	BLM
2	AK	Hardrock	Locatable	GOLD	13	BLM
3	AK	Hardrock	Locatable	GOLD	45	BLM
4	AK	Hardrock	Locatable	GOLD	2	BLM
5	AK	Hardrock	Locatable	GOLD	11	BLM
6	AK	Hardrock	Locatable	GOLD	6	BLM
7	AK	Hardrock	Locatable	GOLD	7	BLM
8	AK	Hardrock	Locatable	GOLD	23	BLM
9	AK	Hardrock	Locatable	GOLD	9	BLM
10	AK	Hardrock	Locatable	GOLD	10	BLM
11	AK	Hardrock	Locatable	GOLD	7	BLM
12	AK	Hardrock	Locatable	GOLD	2	BLM
13	AK	Hardrock	Locatable	GOLD	6	BLM
14	AK	Hardrock	Locatable	GOLD	5	BLM
15	AK	Hardrock	Locatable	GOLD	5	BLM
16	AK	Hardrock	Locatable	GOLD	1	BLM
17	AK	Hardrock	Locatable	GOLD	35	BLM
18	AK	Hardrock	Locatable	GOLD	23	BLM
19	AK	Hardrock	Locatable	GOLD	1	BLM
20	AK	Hardrock	Locatable	GOLD	1	BLM
21	AK	Hardrock	Locatable	GOLD	4	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
22	AK	Hardrock	Locatable	GOLD	15	BLM
23	AK	Hardrock	Locatable	GOLD	3	BLM
24	AK	Hardrock	Locatable	GOLD	5	BLM
25	AK	Hardrock	Locatable	GOLD	4	BLM
26	AK	Hardrock	Locatable	GOLD	14	BLM
27	AK	Hardrock	Locatable	GOLD	5	BLM
28	AK	Hardrock	Locatable	GOLD	1	BLM
29	AK	Hardrock	Locatable	GOLD	4	BLM
30	AK	Hardrock	Locatable	GOLD	15	BLM
31	AK	Hardrock	Locatable	GOLD	5	BLM
32	AK	Hardrock	Locatable	GOLD	12	BLM
33	AK	Hardrock	Locatable	GOLD	8	BLM
34	AK	Hardrock	Locatable	GOLD	2	BLM
35	AK	Hardrock	Locatable	GOLD	39	BLM
36	AK	Hardrock	Locatable	GOLD	20	BLM
37	AK	Hardrock	Locatable	GOLD	5	BLM
38	AK	Hardrock	Locatable	GOLD	300	USFS
39	AK	Hardrock	Locatable	SILVER	350	USFS
40	AK	Hardrock	Locatable	GOLD	0.5	USFS
41	AK	Hardrock	Locatable	GOLD	0.5	USFS
42	AK	Hardrock	Locatable	GOLD	0.5	USFS
43	AK	Hardrock	Locatable	GOLD	0.5	USFS

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
44	AK	Hardrock	Locatable	GOLD	0.5	USFS
45	AK	Hardrock	Locatable	GOLD	0.5	USFS
46	AK	Hardrock	Locatable	GOLD	0.5	USFS
47	AK	Hardrock	Locatable	GOLD	0.5	USFS
48	AK	Hardrock	Locatable	GOLD	0.5	USFS
49	AK	Hardrock	Locatable	GOLD	0.5	USFS
50	AK	Hardrock	Locatable	GOLD	0.5	USFS
51	AK	Hardrock	Locatable	GOLD	0.5	USFS
52	AK	Hardrock	Locatable	GOLD	0.5	USFS
53	AK	Hardrock	Locatable	GOLD	0.5	USFS
54	AK	Hardrock	Locatable	GOLD	0.5	USFS
55	AK	Hardrock	Locatable	GOLD	0.5	USFS
56	AK	Hardrock	Locatable	GOLD	0.5	USFS
57	AK	Hardrock	Locatable	GOLD	0.5	USFS
58	AK	Hardrock	Locatable	GOLD	0.5	USFS
59	AK	Hardrock	Locatable	GOLD	0.5	USFS
60	AK	Hardrock	Locatable	GOLD	180	USFS
61	AK	Hardrock	Locatable	GOLD	0.5	USFS
62	AK	Hardrock	Locatable	GOLD	0.5	USFS
63	AK	Hardrock	Locatable	GOLD	0.5	USFS
64	AK	Hardrock	Locatable	GOLD	0.5	USFS
65	AK	Hardrock	Locatable	GOLD	0.5	USFS

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
66	AK	Hardrock	Locatable	GOLD	0.5	USFS
67	AK	Hardrock	Locatable	GOLD	0.5	USFS
68	AK	Hardrock	Locatable	GOLD	0.5	USFS
69	AK	Hardrock	Locatable	GOLD	0.5	USFS
70	AK	Hardrock	Locatable	GOLD	0.5	USFS
71	AK	Hardrock	Locatable	GOLD	0.5	USFS
72	AK	Hardrock	Locatable	GOLD	0.5	USFS
73	AK	Hardrock	Locatable	GOLD	0.5	USFS
74	AK	Hardrock	Locatable	GOLD	0.5	USFS
75	AK	Hardrock	Locatable	GOLD	0.5	USFS
76	AK	Hardrock	Locatable	GOLD	0.5	USFS
77	AK	Hardrock	Locatable	GOLD	0.5	USFS
78	AL	Coal	Leasable	COAL	1,609.50	BLM
79	AR	Hardrock	Leasable	QUARTZ	80	USFS
80	AR	Hardrock	Leasable	QUARTZ	82.06	USFS
81	AR	Hardrock	Leasable	QUARTZ	160	USFS
82	AR	Hardrock	Leasable	QUARTZ	15	USFS
83	AR	Hardrock	Leasable	QUARTZ	80	USFS
84	AR	Hardrock	Leasable	GEMSTONE	40	USFS
85	AZ	Hardrock	Locatable	GOLD	106	BLM
86	AZ	Hardrock	Locatable	ZEOLITES	35	BLM
87	AZ	Hardrock	Locatable	GYP SUM	5	BLM
88	AZ	Hardrock	Locatable	COPPER	133.17	BLM
89	AZ	Hardrock	Locatable	COPPER	21.5	BLM
90	AZ	Hardrock	Locatable	URANIUM	35.6	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
91	AZ	Hardrock	Locatable	URANIUM	19.4	BLM
92	AZ	Hardrock	Locatable	URANIUM	20.8	BLM
93	AZ	Hardrock	Locatable	SILVER	5.5	BLM
94	AZ	Hardrock	Locatable	COPPER	385.42	BLM
95	AZ	Hardrock	Locatable	LIMESTONE	49	BLM
96	AZ	Hardrock	Locatable	COPPER	227.4	BOTH
97	AZ	Hardrock	Locatable	LIMESTONE	20	BLM
98	AZ	Hardrock	Locatable	LIMESTONE	95.6	BLM
99	AZ	Hardrock	Locatable	STONE	2.5	BLM
100	AZ	Hardrock	Locatable	COPPER	1,112.00	BLM
101	AZ	Hardrock	Locatable	LITHIUM	1	BLM
102	AZ	Hardrock	Locatable	IRON	15	BLM
103	AZ	Hardrock	Locatable	STONE	38	BLM
104	AZ	Hardrock	Locatable	ZEOLITES	5.01	BLM
105	AZ	Hardrock	Locatable	GOLD	1.01	BLM
106	AZ	Hardrock	Locatable	STONE	7.31	BLM
107	AZ	Hardrock	Locatable	MANGANESE	22	BLM
108	AZ	Hardrock	Locatable	LITHIUM	1	BLM
109	AZ	Hardrock	Locatable	GOLD	105	BLM
110	AZ	Hardrock	Locatable	GOLD	1.5	BLM
111	AZ	Hardrock	Locatable	COPPER	423	BLM
112	AZ	Hardrock	Locatable	ZEOLITES	20	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
113	AZ	Hardrock	Locatable	GOLD	1	BLM
114	AZ	Hardrock	Locatable	ZEOLITES	2	BLM
115	AZ	Hardrock	Locatable	GOLD	1	BLM
116	AZ	Hardrock	Locatable	GOLD	15.5	BLM
117	AZ	Hardrock	Locatable	GOLD	0.4	BLM
118	AZ	Hardrock	Locatable	GOLD	16.2	BLM
119	AZ	Hardrock	Locatable	COPPER	213.4	BLM
120	AZ	Hardrock	Locatable	GYP SUM	2	BLM
121	AZ	Hardrock	Locatable	URANIUM	17	USFS
122	AZ	Hardrock	Locatable	LIMESTONE	135	USFS
123	AZ	Hardrock	Locatable	PERLITE	5	USFS
124	AZ	Hardrock	Locatable	COPPER	1,142.00	USFS
125	AZ	Hardrock	Locatable	COPPER	566	USFS
126	AZ	Non-Energy Solid	Leasable	SODIUM	3.91	BLM
127	CA	Hardrock	Leasable	GOLD	41.29	USFS
128	CA	Hardrock	Locatable	VOLCANIC ROCK	10	BLM
129	CA	Hardrock	Locatable	GOLD	20	BLM
130	CA	Hardrock	Locatable	ZEOLITES	25	BLM
131	CA	Hardrock	Locatable	CLAY	10	BLM
132	CA	Hardrock	Locatable	CLAY	7	BLM
133	CA	Hardrock	Locatable	GOLD	5	BLM
134	CA	Hardrock	Locatable	GOLD	1	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
135	CA	Hardrock	Locatable	QUARTZ	60	BLM
136	CA	Hardrock	Locatable	CLAY	330	BLM
137	CA	Hardrock	Locatable	CLAY	100	BLM
138	CA	Hardrock	Locatable	GOLD	1	BLM
139	CA	Hardrock	Locatable	VOLCANIC ROCK	40	BLM
140	CA	Hardrock	Locatable	GOLD	1	BLM
141	CA	Hardrock	Locatable	TALC	20	BLM
142	CA	Hardrock	Locatable	GOLD	1	BLM
143	CA	Hardrock	Locatable	GOLD	1	BLM
144	CA	Hardrock	Locatable	LIMESTONE	12	BLM
145	CA	Hardrock	Locatable	GOLD	1	BLM
146	CA	Hardrock	Locatable	GOLD	1	BLM
147	CA	Hardrock	Locatable	VOLCANIC ROCK	200	BLM
148	CA	Hardrock	Locatable	TALC	5	BLM
149	CA	Hardrock	Locatable	GYPSUM	1	BLM
150	CA	Hardrock	Locatable	GYPSUM	1	BLM
151	CA	Hardrock	Locatable	GOLD	1,375.00	BLM
152	CA	Hardrock	Locatable	GOLD	1	BLM
153	CA	Hardrock	Locatable	GOLD	18	BLM
154	CA	Hardrock	Locatable	SAND & GRAVEL	100	BLM
155	CA	Hardrock	Locatable	GOLD	120	BLM
156	CA	Hardrock	Locatable	GOLD	0.1	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
157	CA	Hardrock	Locatable	UNKNOWN	0.5	SPLIT ESTATE
158	CA	Hardrock	Locatable	GOLD	0.25	BLM
159	CA	Hardrock	Locatable	GOLD	0.9	BLM
160	CA	Hardrock	Locatable	GOLD	480	BLM
161	CA	Hardrock	Locatable	GOLD	10	BLM
162	CA	Hardrock	Locatable	ZEOLITES	30	BLM
163	CA	Hardrock	Locatable	GOLD	5	BLM
164	CA	Hardrock	Locatable	BORATE	200	BLM
165	CA	Hardrock	Locatable	GOLD	40	BLM
166	CA	Hardrock	Locatable	GOLD	10	BLM
167	CA	Hardrock	Locatable	GOLD	460	BLM
168	CA	Hardrock	Locatable	GOLD	10	BLM
169	CA	Hardrock	Locatable	GRAVEL	480	BLM
170	CA	Hardrock	Locatable	CALCIUM	10,836.00	BLM
171	CA	Hardrock	Locatable	GOLD	1,608.00	BLM
172	CA	Hardrock	Locatable	GOLD	64	BLM
173	CA	Hardrock	Locatable	VOLCANIC ROCK	40	BLM
174	CA	Hardrock	Locatable	GOLD	140	BLM
175	CA	Hardrock	Locatable	GOLD	0.9	BLM
176	CA	Hardrock	Locatable	GOLD	1	BLM
177	CA	Hardrock	Locatable	GOLD	370	BLM
178	CA	Hardrock	Locatable	GOLD	0.8	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
179	CA	Hardrock	Locatable	GOLD	511	BLM
180	CA	Hardrock	Locatable	STONE	7	BLM
181	CA	Hardrock	Locatable	CLAY	2	BLM
182	CA	Hardrock	Locatable	BORATE	5	BLM
183	CA	Hardrock	Locatable	GYPSUM	27	BLM
184	CA	Hardrock	Locatable	GOLD	31	BLM
185	CA	Hardrock	Locatable	GOLD	1	BLM
186	CA	Hardrock	Locatable	GOLD	2	BLM
187	CA	Hardrock	Locatable	BORATE	5	BLM
188	CA	Hardrock	Locatable	GOLD	4.9	BLM
189	CA	Hardrock	Locatable	UNKNOWN	5	BLM
190	CA	Hardrock	Locatable	GOLD	930	BLM
191	CA	Hardrock	Locatable	MICA	30	BLM
192	CA	Hardrock	Locatable	GEMSTONE	1	BLM
193	CA	Hardrock	Locatable	GOLD	5,152.00	BLM
194	CA	Hardrock	Locatable	STONE	13	BLM
195	CA	Hardrock	Locatable	GOLD	0.9	BLM
196	CA	Hardrock	Locatable	ZEOLITES	5	BLM
197	CA	Hardrock	Locatable	GOLD	4	BLM
198	CA	Hardrock	Locatable	GOLD	0.1	BLM
199	CA	Hardrock	Locatable	GOLD	3	BLM
200	CA	Hardrock	Locatable	GOLD	0.5	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
201	CA	Hardrock	Locatable	CLAY	1	BLM
202	CA	Hardrock	Locatable	GYPSUM	3	BLM
203	CA	Hardrock	Locatable	MAGNESIUM	2	BLM
204	CA	Hardrock	Locatable	GOLD	1	BLM
205	CA	Hardrock	Locatable	GEMSTONE	0.2	BLM
206	CA	Hardrock	Locatable	GOLD	1	BLM
207	CA	Hardrock	Locatable	GOLD	0.5	BLM
208	CA	Hardrock	Locatable	GOLD	0.5	BLM
209	CA	Hardrock	Locatable	GYPSUM	160	BLM
210	CA	Hardrock	Locatable	GOLD	0.1	BLM
211	CA	Hardrock	Locatable	IRON	20	BLM
212	CA	Hardrock	Locatable	SILVER	0.5	BLM
213	CA	Hardrock	Locatable	GOLD	1	BLM
214	CA	Hardrock	Locatable	GOLD	0.5	BLM
215	CA	Hardrock	Locatable	IRON	5	BLM
216	CA	Hardrock	Locatable	BARITE	1	BLM
217	CA	Hardrock	Locatable	GOLD	0.1	BLM
218	CA	Hardrock	Locatable	GOLD	0.5	BLM
219	CA	Hardrock	Locatable	CLAY	24	USFS
220	CA	Hardrock	Locatable	GEMSTONE	5	USFS
221	CA	Hardrock	Locatable	LIMESTONE	50	USFS
222	CA	Hardrock	Locatable	LIMESTONE	50	USFS

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
223	CA	Hardrock	Locatable	LIMESTONE	50	USFS
224	CA	Hardrock	Locatable	GOLD	0.1	USFS
225	CA	Hardrock	Locatable	GOLD	0.1	USFS
226	CA	Hardrock	Locatable	GOLD	0.1	USFS
227	CA	Hardrock	Locatable	GOLD	0.1	USFS
228	CA	Hardrock	Locatable	GOLD	0.1	USFS
229	CA	Hardrock	Locatable	GOLD	0.1	USFS
230	CA	Hardrock	Locatable	GOLD	0.1	USFS
231	CA	Hardrock	Locatable	GOLD	20	USFS
232	CA	Hardrock	Locatable	GOLD	0.1	USFS
233	CA	Hardrock	Locatable	GOLD	20	USFS
234	CA	Hardrock	Locatable	GOLD	40	USFS
235	CA	Hardrock	Locatable	MERCURY	40	USFS
236	CA	Hardrock	Locatable	VOLCANIC ROCK	60	USFS
237	CA	Hardrock	Locatable	GEMSTONE	5	USFS
238	CA	Hardrock	Locatable	GOLD	1	USFS
239	CA	Hardrock	Locatable	GOLD	1	USFS
240	CA	Hardrock	Locatable	GOLD	1	USFS
241	CA	Hardrock	Locatable	GOLD	1	USFS
242	CA	Hardrock	Locatable	GOLD	1	USFS
243	CA	Hardrock	Locatable	GOLD	1	USFS
244	CA	Hardrock	Locatable	GOLD	1	USFS

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
245	CA	Hardrock	Locatable	GOLD	1	USFS
246	CA	Hardrock	Locatable	GOLD	1	USFS
247	CA	Hardrock	Locatable	GOLD	1	USFS
248	CA	Hardrock	Locatable	GOLD	1	USFS
249	CA	Hardrock	Locatable	GOLD	1	USFS
250	CA	Hardrock	Locatable	GOLD	1	USFS
		Non-Energy		POTASH,		
	CA	Solid	Leasable	SODIUM	21,039.95	BLM
		Non-Energy				
251	CA	Solid	Leasable	SODIUM	1,298.49	BLM
		Non-Energy				
253	CA	Solid	Leasable	SODIUM, BRINE	2,209.74	BLM
		Non-Energy				
254	CA	Solid	Leasable	SODIUM	1,882.89	BLM
255	CO	Coal	Leasable	COAL	14,743.84	BLM
256	CO	Coal	Leasable	COAL	11,289.93	BOTH
257	CO	Coal	Leasable	COAL	6,642.57	BOTH
258	CO	Coal	Leasable	COAL	2,262.24	SPLIT ESTATE
259	CO	Coal	Leasable	COAL	10,013.59	BOTH
260	CO	Coal	Leasable	COAL	7,778.45	BLM
261	CO	Coal	Leasable	COAL	1,048.06	BLM
262	CO	Coal	Leasable	COAL	2,840.00	BLM
263	CO	Coal	Leasable	COAL	9,533.71	BLM
264	CO	Coal	Leasable	COAL	2,110.96	BLM
265	CO	Coal	Leasable	COAL	281.21	BLM
266	CO	Coal	Leasable	COAL	12,130.18	BOTH
			Locatable			
267	CO	Hardrock	Locatable	LIMESTONE	20	BLM
			Locatable			
268	CO	Hardrock	Locatable	CLAY	4.9	BLM
			Locatable			
269	CO	Hardrock	Locatable	GOLD	6.9	BLM
			Locatable			
270	CO	Hardrock	Locatable	GOLD	9.83	BLM
			Locatable			
271	CO	Hardrock	Locatable	GOLD	2.4	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
272	CO	Hardrock	Locatable	GOLD	0.25	BLM
273	CO	Hardrock	Locatable	URANIUM	93	BLM
274	CO	Hardrock	Locatable	VANADIUM	11	BLM
275	CO	Hardrock	Locatable	URANIUM	37	BLM
276	CO	Hardrock	Locatable	URANIUM	16	BLM
277	CO	Hardrock	Locatable	URANIUM	8.4	BLM
278	CO	Hardrock	Locatable	SILVER	2.1	BLM
279	CO	Hardrock	Locatable	GOLD	1	BLM
280	CO	Hardrock	Locatable	GOLD	80	BLM
281	CO	Hardrock	Locatable	STONE	2	BLM
282	CO	Hardrock	Locatable	URANIUM	7.5	BLM
283	CO	Hardrock	Locatable	GOLD	4.1	BLM
284	CO	Hardrock	Locatable	URANIUM	10	BLM
285	CO	Hardrock	Locatable	URANIUM	22.6	BLM
286	CO	Hardrock	Locatable	GYPSUM	830	BLM
287	CO	Hardrock	Locatable	URANIUM	0.46	BLM
288	CO	Hardrock	Locatable	GOLD	4.84	BLM
289	CO	Hardrock	Locatable	GOLD	3	BLM
290	CO	Hardrock	Locatable	LIMESTONE	15.7	BLM
291	CO	Hardrock	Locatable	GOLD	1	BLM
292	CO	Hardrock	Locatable	GOLD	14	BLM
293	CO	Hardrock	Locatable	URANIUM	8.3	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
294	CO	Hardrock	Locatable	GOLD	1	BLM
295	CO	Hardrock	Locatable	GEMSTONE	62	BLM
296	CO	Hardrock	Locatable	GOLD	0.24	BLM
297	CO	Hardrock	Locatable	LIMESTONE	1.65	BLM
298	CO	Hardrock	Locatable	GOLD	1	BLM
299	CO	Hardrock	Locatable	GEMSTONE	0.31	BLM
300	CO	Hardrock	Locatable	GEMSTONE	4.5	USFS
301	CO	Hardrock	Locatable	GEMSTONE	1.15	USFS
302	CO	Hardrock	Locatable	GEMSTONE	1	USFS
303	CO	Hardrock	Locatable	GEMSTONE	10	USFS
304	CO	Non-Energy Solid	Leasable	SODIUM	9,698.53	BLM
305	CO	Non-Energy Solid	Leasable	SODIUM	4,944.99	BLM
306	FL	Non-Energy Solid	Leasable	PHOSPHATE	60.7	BLM
307	FL	Non-Energy Solid	Leasable	PHOSPHATE	922.38	SPLIT ESTATE
308	ID	Hardrock	Leasable	GOLD	41.32	USFS
309	ID	Hardrock	Leasable	GEMSTONE	80	USFS
310	ID	Hardrock	Locatable	LIMESTONE	40	BLM
311	ID	Hardrock	Locatable	GOLD	5	BLM
312	ID	Hardrock	Locatable	GEMSTONE	5	BLM
313	ID	Hardrock	Locatable	ZEOLITES	5	BLM
314	ID	Hardrock	Locatable	GOLD	7,480.00	BLM
315	ID	Hardrock	Locatable	DIATOMITE	5	BLM
316	ID	Hardrock	Locatable	SILVER	1,671.12	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
317	ID	Hardrock	Locatable	GOLD	5	BLM
318	ID	Hardrock	Locatable	LIMESTONE	194	BLM
319	ID	Hardrock	Locatable	GOLD	1	BLM
320	ID	Hardrock	Locatable	GOLD	200	BLM
321	ID	Hardrock	Locatable	STONE	170	BLM
322	ID	Hardrock	Locatable	LIMESTONE	5	BLM
323	ID	Hardrock	Locatable	VOLCANIC ROCK	35	BLM
324	ID	Hardrock	Locatable	GOLD	10	BLM
325	ID	Hardrock	Locatable	MOLYBDENUM	769.5	BOTH
326	ID	Hardrock	Locatable	LIMESTONE	35	BLM
327	ID	Hardrock	Locatable	ZEOLITES	24.3	BLM
328	ID	Hardrock	Locatable	STONE	34	BLM
329	ID	Hardrock	Locatable	STONE	10	BLM
330	ID	Hardrock	Locatable	GOLD	80	BLM
331	ID	Hardrock	Locatable	GOLD	3	BLM
332	ID	Hardrock	Locatable	ZEOLITES	2.9	BLM
333	ID	Hardrock	Locatable	STONE	1.06	BLM
334	ID	Hardrock	Locatable	GOLD	2	BLM
335	ID	Hardrock	Locatable	ZEOLITES	4.2	BLM
336	ID	Hardrock	Locatable	STONE	20.6	BLM
337	ID	Hardrock	Locatable	GOLD	10	BLM
338	ID	Hardrock	Locatable	GOLD	0.1	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
339	ID	Hardrock	Locatable	TRAVERTINE	16	USFS
340	ID	Hardrock	Locatable	TRAVERTINE	6	USFS
341	ID	Hardrock	Locatable	GEMSTONE	5	USFS
342	ID	Hardrock	Locatable	COBALT	132	USFS
343	ID	Non-Energy Solid	Leasable	PHOSPHATE	1,380.00	USFS
344	ID	Non-Energy Solid	Leasable	PHOSPHATE	160.72	USFS
345	ID	Non-Energy Solid	Leasable	PHOSPHATE	1,522.24	USFS
346	ID	Non-Energy Solid	Leasable	PHOSPHATE	820.46	BOTH
347	ID	Non-Energy Solid	Leasable	PHOSPHATE	1,120.00	USFS
348	ID	Non-Energy Solid	Leasable	PHOSPHATE	840	USFS
349	ID	Non-Energy Solid	Leasable	PHOSPHATE	2,535.72	BOTH
350	ID	Non-Energy Solid	Leasable	PHOSPHATE	940	BLM
351	ID	Non-Energy Solid	Leasable	PHOSPHATE	607.48	BLM
352	ID	Non-Energy Solid	Leasable	PHOSPHATE	1,347.88	BLM
353	ID	Non-Energy Solid	Leasable	PHOSPHATE	1,679.38	BOTH
354	ID	Non-Energy Solid	Leasable	PHOSPHATE	6,996.45	USFS
355	ID	Non-Energy Solid	Leasable	PHOSPHATE	637.99	USFS
356	IL	Coal	Leasable	COAL	144.89	OTHER FEDERAL LAND
357	KY	Coal	Leasable	COAL	314.53	USFS
358	KY	Coal	Leasable	COAL	3,037.76	USFS
359	MN	Hardrock	Leasable	LIMESTONE	5.4	SPLIT ESTATE
360	MO	Hardrock	Leasable	LEAD, ZINC, COPPER	570	USFS
361	MO	Hardrock	Leasable	LEAD, ZINC, COPPER	4,357.97	USFS

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
362	MO	Hardrock	Leasable	LEAD, ZINC, COPPER	12,291.04	USFS
363	MO	Hardrock	Leasable	LEAD, ZINC, COPPER	10,104.94	USFS
364	MO	Hardrock	Leasable	LEAD, ZINC, COPPER	5,658.84	USFS
365	MO	Hardrock	Leasable	COPPER	640	USFS
366	MT	Coal	Leasable	COAL	13,454.17	BLM
367	MT	Coal	Leasable	COAL	4,270.83	BLM
368	MT	Coal	Leasable	COAL	15,349.12	BLM
369	MT	Coal	Leasable	COAL	440	BLM
370	MT	Coal	Leasable	COAL	40	BLM
371	MT	Coal	Leasable	COAL	2,679.86	BLM
372	MT	Coal	Leasable	COAL	988.18	BLM
373	MT	Hardrock	Leasable	GOLD	56.98	BLM
374	MT	Hardrock	Locatable	CLAY	1,203.07	BLM
375	MT	Hardrock	Locatable	LIMESTONE	1	BLM
376	MT	Hardrock	Locatable	GOLD	20	BLM
377	MT	Hardrock	Locatable	BARITE	6	BLM
378	MT	Hardrock	Locatable	GOLD	2,600.00	BLM
379	MT	Hardrock	Locatable	ZINC	1,500.00	BLM
380	MT	Hardrock	Locatable	CLAY	501.26	BLM
381	MT	Hardrock	Locatable	CLAY	3,639.30	BLM
382	MT	Hardrock	Locatable	CLAY	96.4	BLM
383	MT	Hardrock	Locatable	CLAY	20	BLM
384	MT	Hardrock	Locatable	VERMICULITE	3.7	BLM
385	MT	Hardrock	Locatable	INDUSTRIAL GARNET	20	BLM
386	MT	Hardrock	Locatable	TALC	100	BLM
387	MT	Hardrock	Locatable	GOLD	2	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
388	MT	Hardrock	Locatable	GOLD	0.5	BLM
389	MT	Hardrock	Locatable	GOLD	3	BLM
390	MT	Hardrock	Locatable	GOLD	1	BLM
391	MT	Hardrock	Locatable	CLAY	1	BLM
392	MT	Hardrock	Locatable	GOLD	5	BLM
393	MT	Hardrock	Locatable	CLAY	229	BLM
394	MT	Hardrock	Locatable	GOLD	5	BLM
395	MT	Hardrock	Locatable	GOLD	5	BLM
396	MT	Hardrock	Locatable	GEMSTONE	3	USFS
397	MT	Hardrock	Locatable	GOLD	20	USFS
398	MT	Hardrock	Locatable	GOLD	20	USFS
399	MT	Hardrock	Locatable	GOLD	20	USFS
400	MT	Hardrock	Locatable	GOLD	0.5	USFS
401	MT	Hardrock	Locatable	GOLD	0.5	USFS
402	MT	Hardrock	Locatable	GOLD	0.5	USFS
403	MT	Hardrock	Locatable	GOLD	0.5	USFS
404	MT	Hardrock	Locatable	GOLD	0.5	USFS
405	MT	Hardrock	Locatable	GOLD	0.5	USFS
406	MT	Hardrock	Locatable	GOLD	1.5	USFS
407	MT	Hardrock	Locatable	GOLD	0.5	USFS
408	MT	Hardrock	Locatable	GOLD	1	USFS
409	MT	Hardrock	Locatable	GOLD	0.5	USFS

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
410	MT	Hardrock	Locatable	GOLD	0.5	USFS
411	MT	Hardrock	Locatable	GOLD	0.5	USFS
412	MT	Hardrock	Locatable	GOLD	0.5	USFS
413	MT	Hardrock	Locatable	GOLD	0.5	USFS
414	MT	Hardrock	Locatable	PLATINUM	33	USFS
415	MT	Hardrock	Locatable	PLATINUM	77	USFS
416	MT	Hardrock	Locatable	GEMSTONE	2	USFS
		Non-Energy				
417	MT	Solid	Leasable	PHOSPHATE	1,408.83	BLM
418	NC	Hardrock	Leasable	OLIVINE	158	USFS
419	ND	Coal	Leasable	COAL	6,314.62	BLM
420	ND	Coal	Leasable	COAL	518.75	BLM
421	ND	Coal	Leasable	COAL	2,160.00	BLM
422	ND	Coal	Leasable	COAL	1,560.09	BLM
423	ND	Coal	Leasable	COAL	160	BLM
424	NM	Coal	Leasable	COAL	15,604.54	BLM
425	NM	Coal	Leasable	COAL	640	BLM
426	NM	Coal	Leasable	COAL	7,863.39	BLM
427	NM	Coal	Leasable	COAL	1,964.15	BLM
			Locatable			
428	NM	Hardrock	Locatable	COPPER	128	BLM
			Locatable			
429	NM	Hardrock	Locatable	COPPER	187	BLM
			Locatable			
430	NM	Hardrock	Locatable	VOLCANIC ROCK	21	BLM
			Locatable			
431	NM	Hardrock	Locatable	COPPER	206	BLM
			Locatable			
432	NM	Hardrock	Locatable	TRAVERTINE	320	BLM
			Locatable			
433	NM	Hardrock	Locatable	SAND & GRAVEL	38.35	BLM
			Locatable			
434	NM	Hardrock	Locatable	URANIUM	640	BLM
			Locatable			
435	NM	Hardrock	Locatable	COPPER	14	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
436	NM	Hardrock	Locatable	TRAVERTINE	80	BLM
437	NM	Hardrock	Locatable	GYPSUM	2	BLM
438	NM	Hardrock	Locatable	GOLD	2	BLM
439	NM	Hardrock	Locatable	GOLD	28.2	BLM
440	NM	Hardrock	Locatable	CLAY	10	USFS
441	NM	Hardrock	Locatable	LIMESTONE	50	USFS
442	NM	Non-Energy Solid	Leasable	POTASH	14,194.63	BLM
443	NM	Non-Energy Solid	Leasable	POTASH	51,759.45	BLM
444	NM	Non-Energy Solid	Leasable	POTASH	30,412.03	BLM
445	NM	Non-Energy Solid	Leasable	POTASH	19,459.93	BLM
446	NM	Non-Energy Solid	Leasable	POTASH	40,749.98	BLM
447	NM	Non-Energy Solid	Leasable	POTASH	5,440.75	BLM
448	NM	Non-Energy Solid	Leasable	POTASH	14,773.96	BLM
449	NV	Hardrock	Locatable	GOLD	865.39	BLM
450	NV	Hardrock	Locatable	GOLD	13,224.00	BLM
451	NV	Hardrock	Locatable	GOLD	2,336.80	BLM
452	NV	Hardrock	Locatable	GOLD	464.5	BLM
453	NV	Hardrock	Locatable	GOLD	6,871.00	BLM
454	NV	Hardrock	Locatable	SILVER	2,203.10	BLM
455	NV	Hardrock	Locatable	GOLD	396.5	BLM
456	NV	Hardrock	Locatable	GOLD	12,946.00	BLM
457	NV	Hardrock	Locatable	GOLD	5,659.40	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
458	NV	Hardrock	Locatable	GOLD	7,390.00	BLM
459	NV	Hardrock	Locatable	LIMESTONE	17.9	BLM
460	NV	Hardrock	Locatable	DIATOMITE	398	BLM
461	NV	Hardrock	Locatable	LIMESTONE	17.5	BLM
462	NV	Hardrock	Locatable	GOLD	1,633.00	BLM
463	NV	Hardrock	Locatable	GOLD	55	BLM
464	NV	Hardrock	Locatable	GOLD	21.2	BLM
465	NV	Hardrock	Locatable	GYP SUM	20	BLM
466	NV	Hardrock	Locatable	GYP SUM	15	BLM
467	NV	Hardrock	Locatable	ZEOLITES	23	BLM
468	NV	Hardrock	Locatable	GOLD	688.31	BLM
469	NV	Hardrock	Locatable	GOLD	417.5	BLM
470	NV	Hardrock	Locatable	BARITE	245	BLM
471	NV	Hardrock	Locatable	GOLD	137	BLM
472	NV	Hardrock	Locatable	GOLD	4,256.00	BLM
473	NV	Hardrock	Locatable	GOLD	802	BLM
474	NV	Hardrock	Locatable	GOLD	22	BLM
475	NV	Hardrock	Locatable	GOLD	6,343.00	BLM
476	NV	Hardrock	Locatable	GOLD	150	BLM
477	NV	Hardrock	Locatable	GOLD	1,400.00	BLM
478	NV	Hardrock	Locatable	GOLD	16,045.00	BLM
479	NV	Hardrock	Locatable	GOLD	1,121.70	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
480	NV	Hardrock	Locatable	BARITE	74	BLM
481	NV	Hardrock	Locatable	GOLD	417	BLM
482	NV	Hardrock	Locatable	GOLD	191	BLM
483	NV	Hardrock	Locatable	GOLD	299.4	BLM
484	NV	Hardrock	Locatable	GOLD	745.3	BLM
485	NV	Hardrock	Locatable	GOLD	92	BLM
486	NV	Hardrock	Locatable	GOLD	448.3	BLM
487	NV	Hardrock	Locatable	GOLD	1,909.00	BLM
488	NV	Hardrock	Locatable	GOLD	29.2	BLM
489	NV	Hardrock	Locatable	GOLD	4.26	BLM
490	NV	Hardrock	Locatable	STONE	12	BOTH
491	NV	Hardrock	Locatable	COPPER	6,867.00	BLM
492	NV	Hardrock	Locatable	STONE	10	BLM
493	NV	Hardrock	Locatable	STONE	3	BLM
494	NV	Hardrock	Locatable	GOLD	20	BLM
495	NV	Hardrock	Locatable	PERLITE	8	BLM
496	NV	Hardrock	Locatable	GOLD	400	BLM
497	NV	Hardrock	Locatable	GOLD	50	BLM
498	NV	Hardrock	Locatable	SILVER	600	BLM
499	NV	Hardrock	Locatable	GOLD	260	BLM
500	NV	Hardrock	Locatable	GOLD	18	BLM
501	NV	Hardrock	Locatable	DIATOMITE	120	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
502	NV	Hardrock	Locatable	GOLD	2,095.10	BLM
503	NV	Hardrock	Locatable	ROCKSALT	16.5	BLM
504	NV	Hardrock	Locatable	LIMESTONE	45	BLM
505	NV	Hardrock	Locatable	PERLITE	24.5	BLM
506	NV	Hardrock	Locatable	DIATOMITE	103	BLM
507	NV	Hardrock	Locatable	DIATOMITE	6.64	BLM
508	NV	Hardrock	Locatable	GOLD	10.35	BLM
509	NV	Hardrock	Locatable	CLAY	65.5	BLM
510	NV	Hardrock	Locatable	GOLD	802	BLM
511	NV	Hardrock	Locatable	GOLD	465	BLM
512	NV	Hardrock	Locatable	LIMESTONE	1,021.00	BLM
513	NV	Hardrock	Locatable	GOLD	139	BLM
514	NV	Hardrock	Locatable	BARITE	908	BLM
515	NV	Hardrock	Locatable	GOLD	9,710.00	BLM
516	NV	Hardrock	Locatable	GOLD	3,150.00	BLM
517	NV	Hardrock	Locatable	GOLD	271	BLM
518	NV	Hardrock	Locatable	GOLD	9,062.00	BLM
519	NV	Hardrock	Locatable	GOLD	4,204.00	BLM
520	NV	Hardrock	Locatable	GOLD	1,005.00	BLM
521	NV	Hardrock	Locatable	GOLD	9.4	BLM
522	NV	Hardrock	Locatable	GOLD	566	BLM
523	NV	Hardrock	Locatable	QUARTZ	185	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
524	NV	Hardrock	Locatable	QUARTZ	30	BLM
525	NV	Hardrock	Locatable	CLAY	0	BLM
526	NV	Hardrock	Locatable	PERLITE	65	BLM
527	NV	Hardrock	Locatable	GYPSUM	143	BLM
528	NV	Hardrock	Locatable	LIMESTONE	116	BLM
529	NV	Hardrock	Locatable	GYPSUM	50	BLM
530	NV	Hardrock	Locatable	GOLD	115	BLM
531	NV	Hardrock	Locatable	GOLD	320	BOTH
532	NV	Hardrock	Locatable	MOLYBDENUM	2,260.00	BLM
533	NV	Hardrock	Locatable	LITHIUM	620	BLM
534	NV	Hardrock	Locatable	GOLD	34.7	BLM
535	NV	Hardrock	Locatable	GOLD	5,371.00	BOTH
536	NV	Hardrock	Locatable	GOLD	350	BLM
537	NV	Hardrock	Locatable	GOLD	250	BLM
538	NV	Hardrock	Locatable	GOLD	40	BLM
539	NV	Hardrock	Locatable	QUARTZ	20	BLM
540	NV	Hardrock	Locatable	VOLCANIC ROCK	5	BLM
541	NV	Hardrock	Locatable	PERLITE	2	BLM
542	NV	Hardrock	Locatable	GOLD	15	BLM
543	NV	Hardrock	Locatable	GOLD	66	BLM
544	NV	Hardrock	Locatable	CLAY	3.12	BLM
545	NV	Hardrock	Locatable	GOLD	19	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
546	NV	Hardrock	Locatable	GEMSTONE	3.5	BLM
547	NV	Hardrock	Locatable	LIMESTONE	10.94	BLM
548	NV	Hardrock	Locatable	LIMESTONE	320	BLM
549	NV	Hardrock	Locatable	GOLD	89	BLM
550	NV	Hardrock	Locatable	GOLD	1,672.00	BLM
551	NV	Hardrock	Locatable	VOLCANIC ROCK	5	BLM
552	NV	Hardrock	Locatable	DIATOMITE	220	BLM
553	NV	Hardrock	Locatable	GEMSTONE	0.9	BLM
554	NV	Hardrock	Locatable	MOLYBDENUM	31.03	BLM
555	NV	Hardrock	Locatable	ANTIMONY	1.88	BLM
556	NV	Hardrock	Locatable	GYPSUM	5.2	BLM
557	NV	Hardrock	Locatable	MOLYBDENUM	8,306.70	BLM
558	NV	Hardrock	Locatable	BARITE	193.4	BLM
559	NV	Hardrock	Locatable	GOLD	287	BLM
560	NV	Hardrock	Locatable	GOLD	8,899.20	BLM
561	NV	Hardrock	Locatable	PERLITE	4.5	BLM
562	NV	Hardrock	Locatable	GOLD	27.2	BLM
563	NV	Hardrock	Locatable	GOLD	511.1	BLM
564	NV	Hardrock	Locatable	GOLD	89.36	BLM
565	NV	Hardrock	Locatable	GOLD	18.8	BLM
566	NV	Hardrock	Locatable	SHALE	25.9	BLM
567	NV	Hardrock	Locatable	GOLD	56.12	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
568	NV	Hardrock	Locatable	GOLD	481	BLM
569	NV	Hardrock	Locatable	GOLD	553	BLM
570	NV	Hardrock	Locatable	GOLD	8.5	BLM
571	NV	Hardrock	Locatable	GOLD	4.91	BLM
572	NV	Hardrock	Locatable	GOLD	2,774.00	BLM
573	NV	Hardrock	Locatable	GOLD	1,556.00	BLM
574	NV	Hardrock	Locatable	GOLD	419.3	BLM
575	NV	Hardrock	Locatable	GOLD	3.2	BLM
576	NV	Hardrock	Locatable	GOLD	3,381.90	BLM
577	NV	Hardrock	Locatable	GOLD	3,238.00	BLM
578	NV	Hardrock	Locatable	BARITE	41.2	BLM
579	NV	Hardrock	Locatable	GOLD	3,875.00	BLM
580	NV	Hardrock	Locatable	GOLD	5,071.00	BLM
581	NV	Hardrock	Locatable	GOLD	100	BLM
582	NV	Hardrock	Locatable	GOLD	135	BLM
583	NV	Hardrock	Locatable	GOLD	20	BLM
584	NV	Hardrock	Locatable	CLAY	114	BLM
585	NV	Hardrock	Locatable	GOLD	200	BLM
586	NV	Hardrock	Locatable	BARITE	5.2	BLM
587	NV	Hardrock	Locatable	GOLD	14	BLM
588	NV	Hardrock	Locatable	GOLD	0.95	BLM
589	NV	Hardrock	Locatable	GOLD	633	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
590	NV	Hardrock	Locatable	GOLD	460	USFS
591	NV	Hardrock Non-Energy	Locatable	GOLD	5,500.00	USFS
592	NV	Solid	Leasable	POTASH	2,500.45	BLM
593	OK	Coal	Leasable	COAL	1,868.65	SPLIT ESTATE
594	OK	Coal	Leasable	COAL	4,119.04	SPLIT ESTATE
595	OK	Coal	Leasable	COAL	2,774.78	SPLIT ESTATE
596	OK	Coal	Leasable	COAL	2,120.00	SPLIT ESTATE
597	OK	Coal	Leasable	COAL	420	SPLIT ESTATE
598	OK	Coal	Leasable	COAL	2,701.58	SPLIT ESTATE
599	OK	Coal	Leasable	COAL	2,380.00	SPLIT ESTATE
600	OR	Hardrock	Locatable	GOLD	6,240.00	BLM
601	OR	Hardrock	Locatable	CLAY	30	BLM
602	OR	Hardrock	Locatable	CLAY	10	BLM
603	OR	Hardrock	Locatable	DIATOMITE	15	BLM
604	OR	Hardrock	Locatable	PERLITE	700	BLM
605	OR	Hardrock	Locatable	DIATOMITE	11	BLM
606	OR	Hardrock	Locatable	QUARTZ	2	BLM
607	OR	Hardrock	Locatable	DIATOMITE	9,760.00	BLM
608	OR	Hardrock	Locatable	ZEOLITES	300	BLM
609	OR	Hardrock	Locatable	CLAY	9	BLM
610	OR	Hardrock	Locatable	GEMSTONE	1	BLM
611	OR	Hardrock	Locatable	STONE	436.72	BLM
612	OR	Hardrock	Locatable	GOLD	4.1	BLM
613	OR	Hardrock	Locatable	GOLD	4	BLM
614	OR	Hardrock	Locatable	GEMSTONE	1	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
615	OR	Hardrock	Locatable	GOLD	746	BLM
616	OR	Hardrock	Locatable	GEMSTONE	2	BLM
617	OR	Hardrock	Locatable	GEMSTONE	2.33	BLM
618	OR	Hardrock	Locatable	GEMSTONE	2	BLM
619	OR	Hardrock	Locatable	GEMSTONE	4.75	BLM
620	OR	Hardrock	Locatable	ALUMINUM	15	BLM
621	OR	Hardrock	Locatable	GEMSTONE	1	BLM
622	OR	Hardrock	Locatable	GEMSTONE	0.5	BLM
623	OR	Hardrock	Locatable	GEMSTONE	3	BLM
624	OR	Hardrock	Locatable	GEMSTONE	3.65	BLM
625	OR	Hardrock	Locatable	GEMSTONE	2.33	BLM
626	OR	Hardrock	Locatable	GEMSTONE	2.16	BLM
627	OR	Hardrock	Locatable	GEMSTONE	4.25	BLM
628	OR	Hardrock	Locatable	GEMSTONE	5	BLM
629	OR	Hardrock	Locatable	GOLD	20	BLM
630	OR	Hardrock	Locatable	GEMSTONE	2	BLM
631	OR	Hardrock	Locatable	GEMSTONE	4	BLM
632	OR	Hardrock	Locatable	GEMSTONE	2.5	BLM
633	OR	Hardrock	Locatable	GEMSTONE	0.64	BLM
634	OR	Hardrock	Locatable	GEMSTONE	4.66	BLM
635	OR	Hardrock	Locatable	GEMSTONE	5	BLM
636	OR	Hardrock	Locatable	GEMSTONE	1.83	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
637	OR	Hardrock	Locatable	GEMSTONE	3.1	BLM
638	OR	Hardrock	Locatable	GEMSTONE	3.1	BLM
639	OR	Hardrock	Locatable	GOLD	217	BLM
640	OR	Hardrock	Locatable	GEMSTONE	2.14	BLM
641	OR	Hardrock	Locatable	GEMSTONE	1.33	BLM
642	OR	Hardrock	Locatable	GEMSTONE	3	BLM
643	OR	Hardrock	Locatable	GEMSTONE	1	BLM
644	OR	Hardrock	Locatable	GEMSTONE	5	BLM
645	OR	Hardrock	Locatable	GEMSTONE	1	BLM
646	OR	Hardrock	Locatable	GEMSTONE	1	BLM
647	OR	Hardrock	Locatable	GEMSTONE	3	BLM
648	OR	Hardrock	Locatable	GOLD	3	USFS
649	OR	Hardrock	Locatable	GOLD	6	USFS
650	OR	Hardrock	Locatable	GOLD	6	USFS
651	OR	Hardrock	Locatable	GOLD	4	USFS
652	OR	Hardrock	Locatable	GOLD	2	USFS
653	OR	Hardrock	Locatable	GOLD	8	USFS
654	OR	Hardrock	Locatable	GOLD	1	USFS
655	OR	Hardrock	Locatable	GOLD	2	USFS
656	OR	Hardrock	Locatable	GOLD	12	USFS
657	OR	Hardrock	Locatable	GOLD	3	USFS
658	OR	Hardrock	Locatable	GOLD	1	USFS

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
659	OR	Hardrock	Locatable	GOLD	5	USFS
660	OR	Hardrock	Locatable	GOLD	1	USFS
661	OR	Hardrock	Locatable	GOLD	4	USFS
662	OR	Hardrock	Locatable	GOLD	4	USFS
663	OR	Hardrock	Locatable	GOLD	5	USFS
664	SC	Hardrock	Leasable	GOLD	1,109.03	USFS
665	SD	Hardrock	Locatable	CLAY	288	BLM
666	SD	Hardrock	Locatable	GOLD	0.76	BLM
667	UT	Coal	Leasable	COAL	813.91	BLM
668	UT	Coal	Leasable	COAL	720	BOTH
669	UT	Coal	Leasable	COAL	3,321.15	BLM
670	UT	Coal	Leasable	COAL	12,132.32	BOTH
671	UT	Coal	Leasable	COAL	960	BOTH
672	UT	Coal	Leasable	COAL	3,725.83	BLM
673	UT	Coal	Leasable	COAL	25,019.90	BOTH
674	UT	Coal	Leasable	COAL	5,549.01	BLM
675	UT	Coal	Leasable	COAL	340.32	BLM
676	UT	Coal	Leasable	COAL	1,000.00	BLM
677	UT	Coal	Leasable	COAL	3,088.27	BOTH
678	UT	Coal	Leasable	COAL	220	BOTH
679	UT	Coal	Leasable	COAL	23,119.95	BOTH
680	UT	Hardrock	Locatable	GOLD	4	USFS
681	UT	Hardrock	Locatable	GOLD	2.5	USFS
682	UT	Hardrock	Locatable	DIATOMITE	5	USFS
683	UT	Hardrock	Locatable	URANIUM	22	BLM
684	UT	Hardrock	Locatable	URANIUM	13.3	BLM
685	UT	Hardrock	Locatable	STONE	30.88	BLM
686	UT	Hardrock	Locatable	URANIUM	15.06	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
687	UT	Hardrock	Locatable	URANIUM	84	BOTH
688	UT	Hardrock	Locatable	URANIUM	90.7	BLM
689	UT	Hardrock	Locatable	VOLCANIC ROCK	100	BLM
690	UT	Hardrock	Locatable	STONE	10	BLM
691	UT	Hardrock	Locatable	QUARTZ	132.7	BLM
692	UT	Hardrock	Locatable	GYPSUM	27.9	BLM
693	UT	Hardrock	Locatable	STONE	11.3	BLM
694	UT	Hardrock	Locatable	GOLD	4.1	BLM
695	UT	Hardrock	Locatable	COPPER	1,104.00	BLM
696	UT	Hardrock	Locatable	GOLD	5	BLM
697	UT	Hardrock	Locatable	GOLD	8.2	BLM
698	UT	Hardrock	Locatable	URANIUM	4.5	BLM
699	UT	Hardrock	Locatable	LIMESTONE	11.2	BLM
700	UT	Hardrock	Locatable	GEMSTONE	1	BLM
701	UT	Hardrock	Locatable	PHOSPHATE	23.8	BLM
702	UT	Hardrock	Locatable	QUARTZ	40	BLM
703	UT	Hardrock	Locatable	STONE	8	BLM
704	UT	Hardrock	Locatable	DIATOMITE	46	BLM
705	UT	Hardrock	Locatable	GEMSTONE	5	BLM
706	UT	Hardrock	Locatable	GYPSUM	4	BLM
707	UT	Hardrock	Locatable	STONE	60	BLM
708	UT	Hardrock	Locatable	GYPSUM	5	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
709	UT	Hardrock	Locatable	STONE	4	BLM
710	UT	Hardrock	Locatable	GEMSTONE	6.1	BLM
711	UT	Hardrock	Locatable	STONE	5	BLM
712	UT	Hardrock	Locatable	IRON	5	BLM
713	UT	Hardrock	Locatable	URANIUM	34.58	BLM
714	UT	Hardrock	Locatable	URANIUM	7.42	BLM
715	UT	Hardrock	Locatable	PERLITE	14	BLM
716	UT	Hardrock	Locatable	CLAY	5	BLM
717	UT	Hardrock	Locatable	COPPER	320	BLM
718	UT	Hardrock	Locatable	URANIUM	1.38	BOTH
719	UT	Hardrock	Locatable	GEMSTONE	3	BLM
720	UT	Hardrock	Locatable	CLAY	266.7	BLM
721	UT	Hardrock	Locatable	GOLD	44.5	BLM
722	UT	Hardrock	Locatable	GYPSUM	13.3	BLM
723	UT	Hardrock	Locatable	URANIUM	5	BLM
724	UT	Hardrock	Locatable	URANIUM	2	BLM
725	UT	Hardrock	Locatable	GOLD	8.26	BLM
726	UT	Hardrock	Locatable	MAGNESIUM	320	BLM
727	UT	Hardrock	Locatable	STONE	6	BLM
728	UT	Hardrock	Locatable	STONE	2	BLM
729	UT	Hardrock	Locatable	GYPSUM	2	BLM
730	UT	Hardrock	Locatable	TUNGSTEN	5	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
731	UT	Hardrock	Locatable	GYPSUM	1	BLM
732	UT	Hardrock	Locatable	LIMESTONE	6	BLM
733	UT	Hardrock	Locatable	GEMSTONE	0.5	BLM
734	UT	Hardrock	Locatable	GEMSTONE	60	BLM
735	UT	Non-Energy Solid	Leasable	BITUMEN	477.49	BLM
736	UT	Non-Energy Solid	Leasable	BITUMEN	320	BLM
737	UT	Non-Energy Solid	Leasable	BITUMEN	237.83	BLM
738	UT	Non-Energy Solid	Leasable	PHOSPHATE	7,278.17	BLM
739	UT	Non-Energy Solid	Leasable	POTASH	200	BLM
740	UT	Non-Energy Solid	Leasable	BITUMEN	200	BLM
741	UT	Non-Energy Solid	Leasable	BITUMEN	367.5	BLM
742	UT	Non-Energy Solid	Leasable	BITUMEN	961.23	BLM
743	UT	Non-Energy Solid	Leasable	POTASH	#####	BLM
744	UT	Non-Energy Solid	Leasable	POTASH	25,971.89	BLM
745	UT	Non-Energy Solid	Leasable	BITUMEN	152.25	BLM
746	UT	Non-Energy Solid	Leasable	BITUMEN	240	BLM
747	UT	Non-Energy Solid	Leasable	BITUMEN	276.65	BLM
748	UT	Non-Energy Solid	Leasable	BITUMEN	786.99	BLM
749	VA	Hardrock	Leasable	LIMESTONE	355	USFS
750	WA	Coal	Leasable	COAL	521.09	BLM
751	WA	Hardrock	Locatable	OLIVINE	10	USFS
752	WA	Hardrock	Locatable	GOLD	220	BLM
753	WA	Hardrock	Locatable	GOLD	740	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated	Federal Lands
					Surface Acres	
754	WA	Hardrock	Locatable	QUARTZ	100	BLM
755	WA	Hardrock	Locatable	QUARTZ	160	BLM
756	WA	Hardrock	Locatable	BARITE	20	BLM
757	WV	Coal	Leasable	COAL	7,641.63	OTHER FEDERAL LAND
758	WY	Coal	Leasable	COAL	8,679.48	BLM
759	WY	Coal	Leasable	COAL	13,975.29	BLM
760	WY	Coal	Leasable	COAL	6,714.68	BLM
761	WY	Coal	Leasable	COAL	6,311.88	BLM
762	WY	Coal	Leasable	COAL	26,512.41	BOTH
763	WY	Coal	Leasable	COAL	4,609.75	BLM
764	WY	Coal	Leasable	COAL	8,178.64	BOTH
765	WY	Coal	Leasable	COAL	3,336.10	BLM
766	WY	Coal	Leasable	COAL	1,132.61	BLM
767	WY	Coal	Leasable	COAL	6,400.78	BLM
768	WY	Coal	Leasable	COAL	1,263.72	BLM
769	WY	Coal	Leasable	COAL	17,442.56	BLM
770	WY	Coal	Leasable	COAL	81.05	BLM
771	WY	Coal	Leasable	COAL	11,718.22	BLM
772	WY	Coal	Leasable	COAL	16,268.41	BOTH
773	WY	Coal	Leasable	COAL	6,616.54	BLM
774	WY	Coal	Leasable	COAL	31,395.84	BOTH
775	WY	Coal	Leasable	COAL	5,843.24	BLM
776	WY	Coal	Leasable	COAL	8,525.50	BLM
777	WY	Coal	Leasable	COAL	5,917.99	BLM
778	WY	Hardrock	Locatable	GEMSTONE	1	USFS
779	WY	Hardrock	Locatable	GYPSUM	1,467.67	BLM
780	WY	Hardrock	Locatable	URANIUM	2,520.00	BLM
781	WY	Hardrock	Locatable	URANIUM	830	BLM
782	WY	Hardrock	Locatable	CLAY	192.4	BLM
783	WY	Hardrock	Locatable	GOLD	1	BLM
784	WY	Hardrock	Locatable	URANIUM	1	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
785	WY	Hardrock	Locatable	URANIUM	1,300.00	BLM
786	WY	Hardrock	Locatable	URANIUM	120	BLM
787	WY	Hardrock	Locatable	URANIUM	5,142.00	BLM
788	WY	Hardrock	Locatable	CLAY	1,320.00	BLM
789	WY	Hardrock	Locatable	CLAY	1,527.73	BLM
790	WY	Hardrock	Locatable	CLAY	170.91	BLM
791	WY	Hardrock	Locatable	GOLD	1	BLM
792	WY	Hardrock	Locatable	CLAY	8.2	BLM
793	WY	Hardrock	Locatable	URANIUM	35.7	BLM
794	WY	Hardrock	Locatable	CLAY	102.45	BLM
795	WY	Hardrock	Locatable	GYPSUM	4.9	BLM
796	WY	Hardrock	Locatable	CLAY	5	BLM
797	WY	Hardrock	Locatable	CLAY	50	BLM
798	WY	Hardrock	Locatable	GYPSUM	75.8	BLM
799	WY	Hardrock	Locatable	CLAY	179.2	BLM
800	WY	Hardrock	Locatable	CLAY	140	BLM
801	WY	Hardrock	Locatable	CLAY	457	BLM
802	WY	Hardrock	Locatable	CLAY	150	BLM
803	WY	Hardrock	Locatable	CLAY	4,523.61	BLM
804	WY	Hardrock	Locatable	CLAY	397.16	BLM
805	WY	Hardrock	Locatable	CLAY	330	BLM
806	WY	Hardrock	Locatable	CLAY	156.25	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
807	WY	Hardrock	Locatable	CLAY	755.1	BLM
808	WY	Hardrock	Locatable	CLAY	174.59	BLM
809	WY	Hardrock	Locatable	CLAY	259.01	BLM
810	WY	Hardrock	Locatable	CLAY	494.9	BLM
811	WY	Hardrock	Locatable	CLAY	603.89	BLM
812	WY	Hardrock	Locatable	CLAY	178.1	BLM
813	WY	Hardrock	Locatable	URANIUM	1,966.90	BLM
814	WY	Hardrock	Locatable	CLAY	282.64	BLM
815	WY	Hardrock	Locatable	CLAY	1,369.74	BLM
816	WY	Hardrock	Locatable	CLAY	1,082.70	BLM
817	WY	Hardrock	Locatable	STONE	240	BLM
818	WY	Hardrock	Locatable	GOLD	1	BLM
819	WY	Hardrock	Locatable	CLAY	115.9	BLM
820	WY	Hardrock	Locatable	CLAY	80	BLM
821	WY	Hardrock	Locatable	CLAY	180	BLM
822	WY	Hardrock	Locatable	CLAY	500.4	BLM
823	WY	Hardrock	Locatable	CLAY	2	BLM
824	WY	Hardrock	Locatable	CLAY	598.4	BLM
825	WY	Hardrock	Locatable	CLAY	72.8	BLM
826	WY	Hardrock	Locatable	CLAY	70	BLM
827	WY	Hardrock	Locatable	CLAY	246.7	BLM
828	WY	Hardrock	Locatable	CLAY	2.5	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
829	WY	Hardrock	Locatable	CLAY	15.4	BLM
830	WY	Hardrock	Locatable	CLAY	17.2	BLM
831	WY	Hardrock	Locatable	CLAY	522.1	BLM
832	WY	Hardrock	Locatable	CLAY	16.6	BLM
833	WY	Hardrock	Locatable	CLAY	376.5	BLM
834	WY	Hardrock	Locatable	CLAY	531.4	BLM
835	WY	Hardrock	Locatable	CLAY	450.7	BLM
836	WY	Hardrock	Locatable	CLAY	285.4	BLM
837	WY	Hardrock	Locatable	CLAY	872.66	BLM
838	WY	Hardrock	Locatable	GYPSUM	51.9	BLM
839	WY	Hardrock	Locatable	CLAY	597.1	BLM
840	WY	Hardrock	Locatable	CLAY	43.4	BLM
841	WY	Hardrock	Locatable	CLAY	123.46	BLM
842	WY	Hardrock	Locatable	CLAY	578.6	BLM
843	WY	Hardrock	Locatable	CLAY	353.4	BLM
844	WY	Hardrock	Locatable	URANIUM	4,253.85	BLM
845	WY	Hardrock	Locatable	LIMESTONE	629.2	BLM
846	WY	Hardrock	Locatable	GOLD	0.06	BLM
847	WY	Hardrock	Locatable	GOLD	1	BLM
848	WY	Hardrock	Locatable	URANIUM	2,313.00	BLM
849	WY	Hardrock	Locatable	GOLD	1.18	BLM
850	WY	Hardrock	Locatable	CLAY	200	BLM

Number	State	Mineral Category	System	Primary Commodities	Associated Surface Acres	Federal Lands
851	WY	Hardrock	Locatable	GOLD	1	BLM
852	WY	Hardrock	Locatable	GOLD	5.2	BLM
853	WY	Hardrock	Locatable	GOLD	0.1	BLM
854	WY	Hardrock	Locatable	CLAY	0.5	BLM
855	WY	Hardrock	Locatable	URANIUM	0.5	BLM
856	WY	Hardrock	Locatable	URANIUM	303.32	BLM
857	WY	Hardrock	Locatable	CLAY	230	BLM
858	WY	Hardrock	Locatable	CLAY	240	BLM
859	WY	Hardrock	Locatable	CLAY	640	BLM
860	WY	Hardrock	Locatable	STONE	38.77	BLM
861	WY	Hardrock	Locatable	CLAY	632	BLM
862	WY	Hardrock	Locatable	CLAY	12	BLM
863	WY	Hardrock	Locatable	CLAY	411.41	BLM
864	WY	Hardrock	Locatable	CLAY	1,175.50	BLM
865	WY	Hardrock	Locatable	CLAY	1,237.30	BLM
866	WY	Hardrock	Locatable	GOLD	1	BLM
867	WY	Hardrock	Locatable	FLUROSPAR	5	BLM
868	WY	Non-Energy Solid	Leasable	SODIUM	24,999.10	BOTH
869	WY	Non-Energy Solid	Leasable	SODIUM	12,265.46	BLM
870	WY	Non-Energy Solid	Leasable	SODIUM	17,403.90	BLM
871	WY	Non-Energy Solid	Leasable	SODIUM	7,934.36	BLM
872	WY	Non-Energy Solid	Leasable	SODIUM	160	USFS

