Table 1.—Patented mining claims, partial list of other mines and prospects, and selected unpatented claims

[Numbered localities are shown on fig. 2, except for No. 50 (shown on map); DH, drill holes 1-9 on map and fig. 2; U, location uncertain. Leaders (—) indicate no data]

<table>
<thead>
<tr>
<th>Locality No.</th>
<th>Name (mineral survey number)</th>
<th>Year(s) of reported activity</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power (15083)</td>
<td>1900</td>
<td>Lower adit (at 11,500-ft elevation) and 1,700-ft crosscut tunnel to main 700-ft raise of the Sylvanite mine. No evidence of production from tunnel or lower 500 ft of raise. A 50-ft-wide fault zone of clay and calc-silicate hornfels cuts north-south across tunnel 300 ft from adit (sample here assayed 0.09 oz gold; Weisner and Bieniewski, 1984).</td>
</tr>
<tr>
<td>2</td>
<td>Tunnel (15082)</td>
<td>1887, 1891-93, 1900-01.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>J.S. Worden No. 2 (8632)</td>
<td>1891</td>
<td>Main adit (at 12,125-ft elevation) to Sylvanite mine. Includes a 600-ft drift along Sylvanite No. 2 vein that intersects main shaft to upper and lower levels, and two westerly trending drifts (450 ft long and 300 ft long) that cut other veins.</td>
</tr>
<tr>
<td>4</td>
<td>Buckeye (1330)</td>
<td>1879-83, 1949</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Moss Rose (3902)</td>
<td>1879-1910, 1950, 1968, 1984-86.</td>
<td>About 2,200 ft of tunnels; 1,200 ft of vertical workings and extensively stoped areas along the Sylvanite and Sylvanite No. 2 veins. Near-vertical fissure veins along normal faults cut metasedimentary rocks and underlying granodiorite. Veins contain native (wire) silver, ruby silver (proustite and pyrargyrite), argentiferous tetrahedrite, chalcopyrite, arsenopyrite, barite, massive sulfides, minor gold, and galena. General vein material grades from about 1 to 4 oz silver per ton with bonanza streaks. Estimated production between 100,000 and 300,000 oz of silver (Zahony, 1986b). Mineral specimens at Colorado School of Mines, Golden, Colo., and Smithsonian Institution, Washington, D.C.</td>
</tr>
<tr>
<td>7</td>
<td>East Wing (1331)</td>
<td>1879-80</td>
<td>Prominent dumps and adits at about 12,000-ft elevation at head of west-facing basin. Wire silver.</td>
</tr>
<tr>
<td>8</td>
<td>Buck (5354)</td>
<td>1881-82</td>
<td>Do.</td>
</tr>
<tr>
<td>9</td>
<td>Spirit of the times (2012)</td>
<td>1880</td>
<td>Do.</td>
</tr>
<tr>
<td>10</td>
<td>Native Silver (2013)</td>
<td>1881, 1897, 1907</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Silver Jenny (2084)</td>
<td>1883 and later</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Silver Plume (2204)</td>
<td>1879-82</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Denver (7221)</td>
<td>--</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Mammoth (19053)</td>
<td>1909</td>
<td></td>
</tr>
</tbody>
</table>
Chilicoot (19053) 1909 and prior to 1888. Silver ore from fissure vein. Shaft at 12,300-ft elevation. (Aburdix mine?).

Ottoe (17033) 1899

Chief of the hills (16249) 1902

Combination Nos. 1 and 2 (16071). 1898-1900

Spotted Fawn (12095) 1897, 1908

J.G. (Jim) Blaine (12095) 1880 and earlier, 1884, 1889-92, 1908, 1950's and later.

Urizilla (16655) 1903

Bonnie Bray (18431) 1903

Itzetta No. 2 (9775) 1916

Bonanza (6063) 1880-81

Baltimore (2800) 1879-81

Grand View (5526) 1879-82

West Virginia (3164) 1879


Mineral King (3807) 1907 and earlier

Ella Wood (3308) --

Frank (3846) --

Ophir (3610) 1880, 1901

Victoria (18727) 1906, 1908

Iron King No. 1 (18727) 1887-90, 1908 and later.

Jupiter (18725) 1880, 1904, 1907-08

A.J. Warner (18725) 1896, 1906, 1908

Copper Glance mill site (16254B). --

Silver Bell (16254A) 1880 and later

Copper Queen (16254A) 1881-82, 1888-1906.

Pyritized rock and rhyolite porphyry (dike) rock on lower dump at 11,600-ft elevation. Silver (350-500 oz/ton), copper (argentiferous tetrahedrite, azurite, and malachite), sphalerite, galena, and calcite along sheared and brecciated bedding planes in metasedimentary rocks.
<table>
<thead>
<tr>
<th>Locality No.</th>
<th>Name (mineral survey number)</th>
<th>Year(s) of reported activity</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>Silver Queen (16254A)</td>
<td>1879-82, 1889</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>Copper Glance (16254A)</td>
<td>1879-81, 1885, 1889-90, 1926.</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>Copper Extension (16254A)</td>
<td>1902</td>
<td>Several adits and numerous prospects.</td>
</tr>
<tr>
<td>43</td>
<td>Maine (16254A)</td>
<td>1902</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>Columbia (16254A)</td>
<td>1879-81, 1902</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>Snooks (5461)</td>
<td>1880</td>
<td>Adit (Basken tunnel?) and prospects.</td>
</tr>
<tr>
<td>46</td>
<td>Iron Duke (2607)</td>
<td>1880-82, 1886</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>Horace Porter (3527)</td>
<td>1880</td>
<td>Arsenates of cobalt, nickel, and iron (skutterudite, smaltite, erythrite, and loellengite). Ruby silver (proustite and pyrrargyrite), native silver, chalcopyrite, Marcasite, and galena in calcite, siderite, and barite.</td>
</tr>
<tr>
<td>48</td>
<td>Hancock (5672)</td>
<td>1879-82, 1897</td>
<td>Adjacent to, and may overlap, Luona claim.</td>
</tr>
<tr>
<td>49</td>
<td>Silver Thistle (5655)</td>
<td>--</td>
<td></td>
</tr>
</tbody>
</table>

Selected unpatented claims, mines, and prospects (other unpatented claim locations are shown by Weisner and Bieniewski, 1984)

<table>
<thead>
<tr>
<th>Locality No.</th>
<th>Name</th>
<th>Year(s) of reported activity</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>U</td>
<td>Alice</td>
<td>1879-80</td>
<td>Northwest side Teocalli Mountain, parallel to Luona claim.</td>
</tr>
<tr>
<td>U</td>
<td>Alice Group</td>
<td>--</td>
<td>In vicinity of J.G. Blaine claim.</td>
</tr>
<tr>
<td>DH</td>
<td>Amax T.E. claim block</td>
<td>1973-80</td>
<td>Mine exploratory drill holes in Copper Creek valley totaling 14,450 ft.</td>
</tr>
<tr>
<td>U</td>
<td>Bunn basin lode</td>
<td>1887 and later</td>
<td>In small basin northeast of Avery Peak. Ore shipped in 1903.</td>
</tr>
<tr>
<td>50</td>
<td>Elk Mountain (Pershing-New Ruby) coal mine.</td>
<td>1919-27, 1931-32 and later?</td>
<td>Mined two beds of semianthracite and anthracite, 2-5 ft thick. Total production through 1927 was 262,785 tons. Slope length about 3,700 ft. Located in sec. 34, T. 13 S., R. 86 W.</td>
</tr>
<tr>
<td>U</td>
<td>Exchange</td>
<td>1886-87, 1901</td>
<td>Near divide in small basin northeast of Avery Peak.</td>
</tr>
<tr>
<td>U</td>
<td>Gold King</td>
<td>1898-99, 1907</td>
<td>In Queen Basin.</td>
</tr>
<tr>
<td>Location</td>
<td>Date</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td>------------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>U Luona</td>
<td>1880-81, 1925 and later</td>
<td>Northwest side of Teocalli Mountain. Cobalt-nickel-iron arsenates, native and ruby silver, chalcopyrite, galena, siderite, and barite. Adjacent to Hancock and Alice claims.</td>
<td></td>
</tr>
<tr>
<td>U Silver Cord</td>
<td>1880-81, 1884-89</td>
<td>In, or near, small basin northeast of Avery Peak.</td>
<td></td>
</tr>
<tr>
<td>U Silver King</td>
<td>1879-83, 1937</td>
<td>In Queen Basin.</td>
<td></td>
</tr>
<tr>
<td>U Silver Reef</td>
<td>1879, 1926</td>
<td>Lower part of Queen Basin.</td>
<td></td>
</tr>
<tr>
<td>U Ten Yack</td>
<td>1889-90</td>
<td>In small basin northeast of Avery Peak.</td>
<td></td>
</tr>
<tr>
<td>51 Usona Tunnel</td>
<td>1906-07</td>
<td>Portal, large dump, and ruins on southeast side of Copper Creek valley at 10,450-ft elevation. Uncompleted 3,000-ft(?) crosscut to mines in Queen Basin.</td>
<td></td>
</tr>
</tbody>
</table>

**REFERENCES USED TO COMPILE TABLE 1**

- Colorado Division of Mines (1919-27)
- Emmons and others (1894)
- Engineering and Mining Journal (1888)
- Fieldner and others (1937)
- Freeman and others (1985)
- Gunnison County Court House records
- Haase (1971)
- Hillebrand (1884)
- Iles (1882)
- Kemp (1906)
- Thomas (1972a, b, 1974, 1975, 1980)
- U.S. Bureau of the Mint (1881-91)
- U.S. Geological Survey (1906-10)
- Weisner and Bieniewski (1984)
- Zahony (1985, 1986a, b)
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Rogers, W.P., Ladwig, L.R., Hornbaker, A.L., Schwochow, S.D., Hart, S.S., Shelton, D.C.,


Zahony, S.G., 1985, Vein map of the Sylvanite and Moss Rose No. 2 levels; Motherhen vein exploration drift, geological plan; map of upper workings of the Sylvanite No. 2 vein; exploratory drift along the Sylvanite No. 2 split vein; longitudinal section of the Sylvanite No. 2 vein workings; and workings of the Sylvanite discovery area: scale 1:240; available from S.G. Zahony, Denver, Colo.

______1986a, Geological map of the Sylvanite mine area, and map showing major veins and underground workings of the Sylvanite mine, Gunnison County, Colorado: scale 1:480; available from S.G. Zahony, Denver, Colo.
