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INVENTORY OF WASHINGTON MINERALS

PART II METALLIC MINERALS

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Volume 1 - TEXT
Volume 2 - MAPS



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Loon Lake Blue Bird (172)

Loc: SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 33, (31-41E), $\frac{1}{4}$ mi. E. of Loon Lake Copper workings on Grouse Cr. **Elev:** 2,550 ft. **Access:** 5 $\frac{1}{2}$ mi. N. of the town of Loon Lake. **Prop:** 4 claims: Bluebird, Wonder, Dupont, Juno. **Owner:** John P. Orchgar, Loon Lake, Wash. (1941). Loon Lake Blue Bird Copper Co. (1918-1924). **Ore:** Copper. **Ore min:** Chalcopyrite, bornite, chalcocite, cuprite, malachite, azurite, pyrite. **Deposit:** 5- to 10-ft. quartz vein in argillite and quartzite. Vein sparsely mineralized. **Dev:** Shafts 40 and 82 ft. deep, adit 215 ft. long. Workings now saved. **Assays:** Vein in adit said to assay 3.87% Cu. **Prod:** Has produced. **Ref:** 58, p. 40. 98, 1920-1926. 106, no. 12, 1919, p. 5. 112, p. 189. 129, pp. 158-159. 164, p. 217.

Loon Lake Copper (Kemp-Komar, Key West, Bluebird) (173)

Loc: Near center sec. 33, (31-41E). **Elev:** 2,625 ft. **Access:** 6 mi. N. of the town of Loon Lake. **Prop:** 2 claims. **Owner:** Ernest Laukka and E. L. Tilton, Chewelah, Wash. (1954—). Kemp-Komar Copper Mining Co. (1902-1922). Loon Lake Copper Co. (1918-1929). James Keeth and W. H. West, Spokane, Wash. (1945). **Ore:** Copper, silver, gold. **Ore min:** Chalcopyrite, bornite, tetrahedrite, malachite, azurite, cuprite, atacamite, hematite, pyrite. **Deposit:** Quartz vein from 4 to 20 ft. wide in argillite. Known payshoot was 200 ft. long and 500 ft. deep. **Dev:** 480-ft. shaft from which about 700 ft. of drifts have been driven on 3 levels, 60-ft. shaft, and some drifts. Workings now inaccessible. **Assays:** Mill feed av. 2% Cu, a few oz. Ag, and a little Au. Highest Au value was \$2.00. **Prod:** About \$125,000 by 1918. **Ref:** 30, p. 30. 33, 1907, p. 714. 52, p. 10. 88, p. 8. 97, 1916-1919, 1929. 98, 1918-1925. 106, no. 20, 1918, p. 4; no. 14, 1919, p. 5; no. 22, 1920, p. 4. 112, pp. 153-155. 117, no. 2, 1916, pp. 10-11; no. 7, 1916, p. 4; no. 15, 1916, pp. 6-7; no. 9, 1917, pp. 4-5. 129, pp. 153-158. 130, p. 63. 164, pp. 217-219.

Lottie (79)

Loc: Sec. 19, (39-38E), Orient dist. **Elev:** 3,900 ft. **Prop:** 1 claim. **Ore:** Copper, gold, silver. **Ore min:** Pyrite, pyrrhotite, chalcopyrite. **Deposit:** 8-ft. mineralized zone in rhyolite porphyry intrusive into quartzite and andesite. **Dev:** 50-ft. shaft and trenches and open cuts for 500 ft. along course of the vein. **Assays:** 50 tons mined said to av. \$18 Au, Cu, Ag. **Prod:** About \$900 prior to 1914. **Ref:** 164, pp. 252-253.

Lucky Boy (109)

(see under lead)

Lucky Boy (Turk)

(see Turk)

Lucky Charlie (8)

Loc: NE $\frac{1}{4}$ sec. 26, (40-36E), Orient dist. **Elev:** 2,240 ft. **Access:** Road. **Prop:** 1 claim, now part of the Hudspeth farm land. **Ore:** Copper, lead, zinc, silver. **Ore min:** Galena, sphalerite, chalcopyrite. **Deposit:** 2- to 6-in. vein of quartz in quartzite and schist contains small quantities of ore minerals. **Dev:** 300-ft. adit, 40-ft. shaft connecting with the adit, and a 30-ft. winze. **Ref:** 30, p. 119. 164, pp. 291-292.

Lucky Four (65)

(see under silver)

M. and C.

(see U. S. Copper Gold under silver)

McKinley (4)

(see under gold)

McNally (29)

(see also Pelkey and Dille, Regina)

Loc: Secs. 33 and 34, (40-37E), Orient dist. **Elev:** 2,600 to 2,800 ft. **Access:** Approx. 6 mi. E. of Rockcut by road. **Prop:** Several claims, including the Pelkey and Dille property. **Owner:** Bunker Hill & Sullivan Mining & Concentrating Co., San Francisco, Calif. (1937-1951). **Ore:** Copper, gold, silver, lead. **Ore min:** Pyrite, chalcopyrite, hematite. **Gangue:** Quartz, epidote, serpentine. **Deposit:** Replacement of limestone, also an 8-ft. quartz vein. **Dev:** 330-ft adit, 250-ft. adit, several short adits, 75-ft. shaft, and several open cuts total about 1,000 ft. **Prod:** 1938. **Ref:** 7, pp. 84-85. 30, pp. 124-125. 97, 1939, p. 491. 104, 4/15/37, p. 35. 113, 4/1/37, p. 7. 164, pp. 276-277.

McNess (36)

(see under gold)

Mackinaw

Loc: 2 mi. E. of Pierre Lk., Orient dist. **Owner:** Colville Gold Mining Co. (1897). **Ore:** Copper. **Ore min:** Chalcopyrite. **Ref:** 63, p. 107.

Magma (113)

(see under zinc)

Majorca (80)

Loc: Sec. 19, (39-38E), 200 ft. W. of the Minorca claim, Orient dist. **Prop:** 1 claim. **Ore:** Copper. **Ore min:** Pyrite, malachite. **Deposit:** Limestone cut by basic igneous dikes. Mineralized zone contains a little pyrite and copper stains. **Dev:** 40-ft. inclined shaft. **Ref:** 164, p. 254.

Maple Leaf

(see Melrose under silver)

Maryland

(see Bonanza Copper)

Mayflower (170)

(see under lead)

Melrose (51)

(see under silver)

Mexico

(see Queen under silver)

Middleport (117)

(see under zinc)

Mineral Hill

(see Aichan Bee under silver)

Minnehaha (151)

Loc: Sec. 36, (33-40E), on E. Fk. Chewelah Cr., Chewelah dist. **Owner:** D. F. Strobeck, Spokane, Wash. (1902). **Ore:** Copper, gold, silver. **Deposit:** Mineralized zone 8 to 30 ft. wide. **Dev:** 40-ft. adit. **Assays:** Av. assay value is 6% Cu, \$7.50 Au, 6.5 oz. Ag. **Ref:** 88, p. 7.

Minorca (81)

Loc: Sec. 19, (39-38E), on W. branch of Fifteen Mile Cr., Orient dist. **Elev:** 3,200 ft. **Owner:** Centennial Mines Co. (1924). Minorca-Homestake Mines Co. (1922). **Ore:** Copper, gold, silver. **Ore min:** Pyrite, pyrrhotite, chalcopyrite. **Gangue:** Quartz. **Deposit:** Vein in limestone and argillite, which are cut by altered basic dikes. **Dev:** 2 shafts, one of which is 165 ft. deep. **Prod:** 100 tons prior to 1920. **Ref:** 98, 1922, p. 1656; 1925, p. 1808. 100, 1903, p. 55. 164, p. 250.

Mint

Loc: On Gold Hill near present town of Kettle Falls. **Prop:** Group of claims. **Owner:** D. F. Strobeck, Spokane, Wash. (1902). **Ore:** Copper, gold, silver. **Deposit:** 3 veins varying in width