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Paradise Range

Betty O'Neil ✓ — GARDNER DIST.

Kerr, P. F., and Callaghan, Eugene, Scheelite-leuchtenbergite vein in Paradise Range, Nevada; Geol. Soc. Am. Bull., vol. 46, pp. 1967-1974, 1936. Contains maps of workings.

The patented Betty O'Neil No. 1 and No. 2 claims, owned by the Nevada-Massachusetts Co., are on the crest of a ridge on the northwest side of the Paradise Range, sec. 36, T. 12 N., R. 36 E., Tonopah quadrangle, about a half mile east of 2 commercial brucite ore bodies. A scheelite-bearing vein, composed largely of leuchtenbergite (a chlorite) and quartz, was discovered in 1926 and explored in 1927-28. The vein has a maximum width of 4 feet, and has been traced for a length of 900 feet. A lens of almost solid scheelite several feet across was found at the surface, but no comparable ore was found in a 300-foot adit driven at shallow depth. Magnesite and dolomite make up the wall rocks of the vein; they were quarried on a large scale in 1942-45 for their magnesium content.