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08/04/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: RAMSDELL

ALTERNATE NAMES:
GLEESON FLAT

GILA COUNTY MILS NUMBER: 287

LOCATION: TOWNSHIP 5 N RANGE 16 E SECTION 32 QUARTER C
LATITUDE: N 33DEG 46MIN 55SEC LONGITUDE: W 110DEG 40MIN 00SEC
TOPO MAP NAME: BLUE HOUSE MTN - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
MANGANESE

BIBLIOGRAPHY:
FARNHAM L L ETAL MANG DEPTS EASTERN AZ USBM
IC 7990 1961 P 85
ADMMR RAMSDELL GROUP

Pl. 7990

Ramsdell

The Ramsdell group, also called Gleeson Flat, consists of seven unpatented claims about 38 road miles north of the town of Globe in the southeastern part of unsurveyed T. 5 N., R. 16 E. (See fig. 8, p. 43.) The deposit is about 1/4 mile south of Salt River and some 2 miles south-southeast of the Apache manganese deposits on the opposite side of the river. The property is reached by traveling 20 miles northeast from the Globe post office on U.S. Highway 60 to Seven Mile Wash, thence north 11.6 miles on a graded dirt road to a road fork. The right-hand fork is followed 2.3 miles to a dim access road that branches left about half a mile south of John Peer's ranch buildings at the base of Haystack Butte. The access road is followed northwestward 3.8 miles to the workings. The deposit lies on the north slope of a ridge at an altitude of about 3,100 feet.

The claims were located early in World War II by the present owner, F. T. Ramsdell, of Globe, Ariz. Lessees operated the property for a short time in 1942 and reportedly shipped about 17 tons of handsorted ore to the Metals Reserve Company stockpile in Phoenix, Ariz. In 1951, the claims were leased to P. D. Parker, who did additional exploration work but so far as is known shipped no ore. In 1954, a lease was acquired by George B. Wright and associates, of Globe, Ariz. During that year and the early part of 1955, the lessees shipped 67.9 long tons of sorted ore averaging 28.3 percent manganese to the Government purchasing depot in Deming, N. Mex. All equipment had been removed and the property was idle when visited in February 1957.

The manganese ore occurs in stringers and small lenticular pods along a fissure cutting a massive coarse-grained quartz diorite. The fissure strikes north and dips about 80° E. It was exposed for approximately 250 feet along the strike and ranged from 2 to 10 feet in width. The overburden had been stripped along the projected trend of the fissure for several hundred feet farther south, but only a few narrow and widely spaced manganiferous seams were exposed by this work.

In the exploited parts of the deposit, the manganese minerals occurred in fairly high grade lenses and irregular podlike masses surrounded by a

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network of manganiferous seams and veinlets filling the minor fracture of the enclosing diorite. Although virtually exhausted when the workings were visited, the largest lenses of ore were said to have ranged from 6 to 18 inches in width and from a few feet to as much as 10 feet in length.

The principal manganese minerals were psilomelane and pyrolusite occurring in a quartzose gangue.

The workings consisted essentially of three adits driven into the hillside at successively lower elevations. The northmost and lowest adit followed the fissure some 200 feet. It extended under the next or intermediate adit and was approximately 30 feet below it. Only a little minable ore was found in the lower adit. This ore was mined near the face in a stope about 6 feet long that extended a few feet above the back of the drift. The intermediate adit, whose portal was about 100 feet south of the portal of the lowest adit, followed the fissure for 125 feet. Ore had been mined from this part of the fissure in a few small open stopes, one of which had been carried upward 12 feet to the surface.

The upper workings, some 40 feet south of the portal of the intermediate level, comprised a 50-foot opencut and a 30-foot adit extending southward from its face. In places along the opencut the manganese minerals occurred in widely separated stringers and seams that constituted a low-grade zone as much as 10 feet wide. Farther south the zone narrowed and soon lost its identity in the stripped area a short distance beyond the upper adit.

Sunset