

5150 0001

The Washiki district is on the west slope of the Sonoma Range near Clear Creek 25 miles by automobile road a little east of south from Winnemucca. The mineralized area is partly in Humboldt County but mostly in Pershing County. The district was discovered about 1906, and C. F. Carpenter was one of the original locaters and perhaps the original discoverer. The total production is reported to be valued at not more than \$15,000, nearly all of which was derived from shipping ore. In 1915 James Wilson erected a two-stamp, Tonopah-type, amalgamation mill that operated only a short time. A Tonopah stamp mill is similar to an ordinary stamp mill except that the stamps do not fall freely but are controlled by springs to attain more drops per minute.

Bunches of ore occur in narrow quartz veins mainly in granite. Values are chiefly in gold with some silver and lead. The best values are said to be associated with the lead. The average dip of the veins is 55°. Development work consists of a number of scattered prospecting shafts, of which the deepest is 90 feet, and a number of open-cuts. Total workings comprise about 1,000 feet. All mining has been by hand.

In 1934 R. M. Gayer, leasing three unpatented claims owned by Frank O'Leary of Winnemucca, shipped 2 carloads of ore. The royalty was 10 percent of the net smelter returns. Returns on one of these carloads of ore shipped to the smelter of the U. S. Smelting, Refining & Mining Co. at Salt Lake City on July 12, 1934 furnished the following data:

Metal quotation:

Ag - per oz..... \$0.64125

Assay values:

Au - oz..... 0.38
Ag - do..... 2.5
Insoluble - percent 73.7
Fe - percent..... 9.6
S - do. 1.0

Metal payments:

Au, 100 percent at \$31.8183	\$12.09
Ag, 100 percent at \$ 0.64125	1.60
	13.69
Less 0.5 oz. Ag32
	13.37
Less treatment charge	3.70
	9.67

Net weight - pounds 80,420
Less 6.7 percent moisture - pounds 5,388
Dry weight - pounds 75,032
 tons 37,516

37,516 tons at \$9.67 per ton \$362.78
Freight 40.21 tons at \$3.20 per ton 128.67
Net payment 234.11

In 1933 and 1934 L. E. Case of Winnemucca working on his property earned about \$2,500 from 30 tons of shipping ore and little bullion recovered from high-grade ore, ground and amalgamated by hand. According to Case the shipping ore averaged about 2½ ounces of gold and 15 ounces of silver per ton and 8 percent lead.