

Copy of Report by State Mines Department. July 29th 1911

Report on the Sihatch Mining and Milling Co's. group of mines.

Leased properties

GENERAL LEE* JULIA V* RED HOOK* NELLIE C* T.L.WELCH* DEFIANCE* JEANETTE* VENTURE* GERTRUDE* VENUS* JUPITER* GOLDEN* CURRY* WESTPOINT* (Patented)

104.56 Acres.

Location properties

AURELINE: HORATIUS: CALIGUILA: JULIUS CEASER: CONSTANTINE: SCIPIO: JUNIUS: REMUS: ROMULUS: SULLA: CICERO: MARK ANTONY: JUSTINIAN: BRUTUS: CATO and SIWATCH MILL SITE. 131 Acres

Location

Sugar Loaf Mountain, Independence Mining District, Lake County, Colo. Section 2, Township 9, Range 81. Nearest Postoffice, Leadville, Colo.

Examination commenced July 28th 1911, Completed July 28th 1911.

Examination made by John R. Curley, Inspector.

Filed in the Bureau of Mines Office July 29th 1911. T.R. Henahan, Commissioner.

Title

The Siwatch Mining and Milling Co., incorporated under the laws of the State of Colorado, Capital stock \$50,000.00 shares \$1.00 par value each. Pres. A.L. Baker, Ralrigh N.C. Secy-Treas. W.L. Grisson, Greensbourough, N.C. Manager Jos. F. Horner, Delaware Block, Leadville Colo.

Date of original location 1879; date of original opening 1880

Date of abandoning 1892; date of re-opening 1908. Altitude 9500 feet.

There are roads to the mine. Property sparsely covered with timber.

There is a geological survey of the district.

The structure and character of the rock is Granite.

Ore bodies

The character of the ore bodies are fissures in granite formation and there are fourteen distinct veins on the property.

The strike of the veins are northwest and southeast with dip to the west, the average widths of these veins would be in the vicinity of five feet, and can be traced for about 1500 feet in length. The character of the vein filling is mineral and metamorphosed granite, the walls or enclosing rocks are granite traversed by porphyry dikes. The ores are both concentrating and smelting, the mineral contained being; Gold, silver, lead, iron, copper and zinc. The average assay being ;Gold \$5.00, Silver 30 Oz. Lead 5% Copper 2%, Iron 15%, Zinc 20%.

Plant

The surface plant consists of one Blaisdell air compressor of 8 drill power, one 75HP. electric motor and one 7 1/2 HP. electric motor. There is an office and blacksmith shop on the property also a yard for preparing timbers. The mine is lighted by electricity, there is a wagon road to the mine, the nearest railroad, 5 miles.

Mining

The main opening of this property is by a tunnel 3,520 feet in length driven as a cross cut to intercept the numerous veins in the locality, several veins have been cut in the course of the tunnel but no development has been done on them, the tunnel not as yet having reached its objective point. There is an up-raise to the surface about thirty feet from the portal of the tunnel made for an egress in case of fire. The buildings are a distance from the portal of the tunnel. A corrugated iron building is built over the entrance to the tunnel. No ore is being extracted. Drilling is being done with a Waugh pattern drill, no single or double drilling is being done. The method of timbering is by sets made of natural timber.

Tramming

The system of tramming is by side dump cars drawn by electric motors of which there are two. 30 pound rails are used.

Ventilation

The tunnel is ventilated by a positive exhauster 1500 cubic feet per min. Electric drive. Mine is lighted by electricity.

Connected sheet Dec 24 T95. R. 81W.

20317 envelopes See Co. Julius V + Red Hook

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