90.0 Heriot in Mining Claims

DESCRIPTION OF HERBERTS MINING CLAIMS IN THE LITTLE ROCKEY MOUNTAIN MINING DISTRICT, CHOTEAU CO. MONTANA.

The property consists of eight mining claims, seven quarts and one placer claim, comprising in all about (120) and hundred and twenty acres. Also a water right, appropriating all the water of Peoples Creek which flows across two of the claims.

The ore is a honey combed oxidized quartz, carrying gold and silver, and lies between phoulite and phorphyry walls.

The assay value of samples taken from different cuts and bunnels for a distance of 4500 feet along the vein are from \$3.00 to \$22.00 per ton in gold, averaging values of \$10.40 in gold.

On the "Rain in the Face2 claim there is a tunnel about 300 feet in length, - this tunnel shows the ledge to measure 40 feet between walls. 20 feet of this will assay over \$12.00 per ton in gold. On the dump there is about 200 tons of ore, a sample from this, including waste assayed \$135.60 in gold. There are tunnels run on the same vein on the "Ruby", "Rosey #1" and "Rosey #2", but higher on the mountain. These show a width of ore from five to twenty feet, and assay from \$3.00 to \$22.00 in gold per ton.

The soft seams in ledge when panned show values of 20 cents to the pan. Every claim in the group has ore that will pay a handsome profit for working.

The ore is an ideal cyaniding ore. Laboratory tests show an extraction of over 90% actual work on ores in this district have given results as high as 94% of assay value.

The greater part of the claims are covered with a heavy growth of timber suitable for mining purposes, enough to last for many years.

From Peoples Creek a water power of over 100 H. P. can be developed. At a suitable point near the mouth of tunnel where there is a good mill site, which will make a very economical handling of ore from mine to mill. This tunnel can be extended on the vein, on

on five claims and will be approximately 1200 feet deep and 2000 feet in length.

The mineral belt or veins on which the claims are located is the same as the Fanwus August Mine is located on. (Muy 6 Sm No 5111 644)

For a geological description of the district see the Engineering and Mining Journal of May 2nd 1896.

This property can be developed at a minimum cost for mining, - the work can be done through tunnels for a long time.

The milling and extracting of values, can be done at a minimum cost, being an ideal ore for cyaniding.

1-180

John Koson Curran