

REPORT
on the
GRAND UNION GROUP OF CLAIMS
by
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Report furnished by W. J. Martine,
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REPORT ON THE GRAND UNION GROUP OF CLAIMS

Number of claims. -Two (2) -One (1) patented -Total area 25 acres.

Location. -Two (2) miles west from Rollinsville, Gilpin Co.

Elevation. -Eighty five hundred (8,500) feet ASL

Transportation. -Two (2) miles from railroad station. Two hundred(200) yards from highway.

Timber. -Sufficient on ground for all purposes.

Fuel and Power. -Electric power three hundred (300) yards from property. Coal at railroad station. Wood on ground.

Water. -Small perpetual stream at northwest end of property. South Boulder creek two hundred (200) yards north.

Mining Supplies. -All supplies can be secured at Denver - 46 miles.

Labor. -Labor can be secured at Denver, Central City, or to a limited extent, in adjacent vicinity.

Climate. -Weather permits operations the year around. Snowfall is moderate and should seldom hamper work.

Rockbreaking Cost. -The cost will compare favorably with the average for Gilpin and Boulder Counties-\$8. to \$12. per linear foot.

Ore Bodies. -The ore body is persistent and exposed for most of the length of the claims. The pay streak is from twelve (12) to sixteen (16) inches in width and will run as high as twenty (20) inches in places. Discovery and prospect shafts expose ore for several hundred feet.

Improvements. -None.

Equipment. -None.

Geology. -The country rock is Augite Gabro of the Pyroxene family. - Amphibolic streaked with spar. Vein matter or metamagma is hematitic porphyry oxide.

Development.-- The development consists of open cuts and tunnels. The shaft on the Grand Union patented claim is approximately ninety (90) feet deep with new square-set timbering from the surface to a depth of thirty-five (35) feet. The tunnel on the patented claim has been driven more than nine hundred (900) feet paralleling the vein. A short cross-cut not to exceed fifteen (15) feet will cut the ore body now exposed in the shaft - eight - een inches thick at tunnel depth - and of a good shipping grade. This will give approximately three hundred (300) feet of back stoping. This vein is exposed on the east end of the claim with a twenty eight (28) inch pay streak. The vein is approximately eight(8) feet between walls and is exposed on the surface for several hundred feet, and can be traced for two (2) miles through the country east and west.

The quartz vein on location No. 1 is exposed by an open cut of eleven (11) feet where a find three (3) foot can be examined. This vein has an east and west strike. See map.

The quartz vein on claim No. 2 has a NE and SW strike and may be described as similar to the one above. Some assays have shown good values.

The hematite vein in the SE corner of No. 2 claim is very attractive and is worthy of considerable development by reason of the fine vein exposed in the open cut. See map.

The tunnel on No. 2 claim is a cross-cut with no vein cut as yet.

Summary.

The ore so far exposed is hematite oxide and quartz-free milling and gold bearing with four (4) to eight(8) ounces of silver per ton.

From recent mill tests concentrates showing \$48. per ton and tailings still holding \$9.20 per ton were developed. Ore exposed should concentrate two into one.

The main substance of the vein being hematite oxide should change into chalcopyrite when water level is reached.

The walls are firm and will not require much timbering.

From ore now exposed it is evident that profitable shipping could start immediately and if the ore is as extensive as it appears to be the property should pay for itself within a very reasonable period.

Respectfully submitted,

.....W. J. Martine.....

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