

Geologic Report

on

G. W. T. MINE

Clear Creek Co.,

Colo.

By

Rupert J. Fooks,

1934

Report furnished by Geo. Trader, Idaho Springs,  
Colorado.

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COLORADO SCHOOL OF MINES  
GOLDEN, COLORADO

Idaho Springs, Colo.  
November 13, 1934.

### Report of the G. W. T. Mine

#### Description of the property:

The G. W. T. Claim lies between Chicago Creek and Soda Creek about three miles south of Idaho Springs, Colo. The Claim was located by George W. Treder in 1931, survey made by C. L. Harrington. It is a full size claim, 600 ft. by 1500 ft.

#### ACCESSIBILITY:

There is a good automobile road within 500 ft. of the surface workings. This road is on the same level as the lower tunnel and passes directly in front of it. It would not cost more than \$200. to continue this road to the shaft.

#### General Geological Features:

The country rock is primarily quartz-monzonite. The G.W.T. vein follows a strong pegmatite dike. The vein itself is composed of a broken up material, commonly known as corn rock, intruded by harder masses of blue quartz. The gold and silver values are in the teluride form, principally sylvanite. The vein has a strike of north 60 east. About 65 ft. N.E. of the shaft the contacts a porphyry dike (Str. N 60 W.) and about 150 ft. S.W. of the shaft the vein intersects a highly mineralized (pyritic) vein. The outcrop is not exposed in either contact. However the slide is not more than four feet deep in either place, and this work may be done easily. The lower tunnel is on a continuation of the Otto vein.

#### Description of the Workings:

The outcrop may be easily traced along the surface. Some trenching has been done along the course of the vein. The shaft in the center of the claim is the only extensive work which has been done on the vein. This shaft is 30 feet deep, with a drift at this level running south along the vein for 27 feet. All but the last seven feet of this drift has been stoped to surface. The shaft and drift are safe to enter, but it would require an expenditure of \$125.00 to retimber and clean the workings preparatory to mining. The lower tunnel is badly caved but may later be driven to cut the G. W. T. Vein. The last time this property was worked was in 1901.

#### Economic Possibilities:

There is, of course, a good chance of finding a large body of ore in either of the intersections, however the vein itself is strong, and shows the following values. These values may increase with depth.

Width	Location	Ozs. Gold	Ozs. Silver	Value Per Ton
12 inches	Breast	2.48		\$ 79.36
12 "	"	2.52		80.64
5 "	"	0.20		6.40
8 "	"	3.49		111.36
5 "	"	3.64	9.00	122.24
10 "	"	1.30		41.60
14 "	"	0.48		15.36
12 "	"	0.20		6.40
12 "	"	0.58		18.56
10 "	"	0.80		25.60
7 "	"	3.44		110.08
8 "	"	1.29		41.28
4 "	Back	2.08	7.00	71.04
4 "	"	7.80		249.60
4 "	"	1.80		57.60
4 "	Back plus 10 in- -Breast	1.00		32.00
12 "	Breast	0.26	5.50	11.84

Width	Location	Ozs. Gold	Ozs. Silver	Value Per Ton
5 inches	Breast	0.56	16.30	\$ 28.25
10 "	"	1.28		40.96
8 "	"	1.70		54.40
2 "	"	6.06-	30.00	<u>193.92</u>
			Total	\$ 1444.67

The 22 samples give an average per ton of \$ 65.66  
Average width of nine inches  
Gold at \$ 32.00 per oz.  
Silver 0.64 per oz.

Personal Remarks:

I would recommend this property as a good prospect. An expenditure of a few hundred dollars for cleaning up the surface workings, making a five ton shipment to the sampler, and trenching the surface ought to convincingly prove its worth. If the property is good, the price is not prohibitive.

Respectfully submitted,

Rupert J. Fooks

Idaho Springs, Colo. 2-7-36

REPORT OF G W T AND W T MINES

The GWT and WT claims, unpatented and owned by George Tredor and W. Cooper, and is at present worked by leasers D. Smith and Dan Turzik.

In cleaning and retimbering an old shaft a ten inch ore streak was opened up on the hanging wall, assaying 2.24 ounces of gold per ton. Assay certificate attached.

Leasers are now sinking the shaft deeper and intend to drive on the vein, west.

Ernest Bauer  
Field Investigator.

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