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Item 54

Nye County

Grand Junction — ~~Bullfrog Dist.~~ Bare Mountain Dist.

The Grand Junction mine is 12 miles southeast of Beatty and 5 miles southeast of Carrara, on the west side of Bare Mountain, Furnace Creek quadrangle. Scheelite and wolframite occur along a fault in quartzite, and a little scheelite is found stratigraphically higher in limestone. The property was owned in 1941 by Martin Bros. and Cothern, who prospected the area by shallow workings, but shipped no ore.

MEMORANDUM

THE GOLDFIELD CONSOLIDATED MINES COMPANY

SAN FRANCISCO, CALIFORNIA

SUBJECT MARTIN TUNGSTEN PROSPECT, Nye County, Nevada DATE March 28, 1939

TO Mr. Julian

FROM H. N. Witt

Further sampling - Option satisfactory -

This property, submitted by Mr. G. W. Thiriot of Hiko, Nevada, was visited on March 21 and 22. Outcrops were first examined by daylight and later at night with the ultra violet lamp. The property consisting of 5 iocations, lies in the mountain range east of Carrara and southeast of Beatty at an elevation of about 4,000 feet. It is reached by poor desert road up the first canyon south of Carrara, a distance of about 4 miles and thence by foot trail to various prospect holes scattered over a distance of 1/2 mile up the canyon.

William Martin, his brother and his brother-in-law, Mr. Cothern, have been working on a low grade gold prospect in this canyon for the last 2 years. They have only recently discovered and done some prospecting on the tungsten showings. The gold occurs in a contact shear zone between an andesite dike and a series of limestones and quartzites. It has been sampled by engineers from Weepah and found to average $2.80 over a width of about 60 feet.

The tungsten depositsappear in limestones and quartzites away from any known igneous contact. These sedimentaries strike northwest to eastwest and dip steeply north. They consist of a series of brown thin bedded limestones overlying a thick series of quartzites and slates. These beds are cut by a series of widely spaced fractures striking about northeast and dipping steeply southeast. Where these fissures cut the brown limestone beds they carry thin rich seamlets of scheelite in zones varying from a few inches to a few feet in width. Occasionally the scheelite extends a short distance along the bedding of the partially garnetized limestone but rapidly dies out. On 2 cross fractures exposed in the quartzite series underlying the limestones the mineralization consists of quartz and calcite carrying both scheelite and wolframite, in closely spaced stringers or stock work making ore for widths of from one to 4 or 5 feet. This mineralization appears to be erratic but the evidence in the 2 open cuts is not sufficient to determine whether or not it extends over considerable lengths. These cuts are in the bottom of a gulch, both sides of which are mantled by a heavy wash. It was impossible to take any samples that would

MEMORANDUM

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SAN FRANCISCO, CALIFORNIA

SUBJECT MARTIN TUNGSTEN PROSPECT Page 2 DATE March 28, 1939

TO Mr. Julian

FROM H. N. Witt

be representative of the deposit but 2 typical specimens were chosen and sent to Hank's for assay. It seems probable that the wolframite exceeds the scheelite in volume; if so, the values may be good.

The scheelite deposits in the limestone are all short and narrow and have little promise. They are widely scattered. The wolframite-scheelite deposit in the quartzite however may have a chance but considerable surface trenching will be necessary to determine its persistence. This type of deposit has been found at only one location and apparently is not widely scattered. The quartzite series appears to be quite thick and uniform and hence this type of mineralization may be more persistent in these beds than in the varigated limestones.

Terms named by Mr. Cothern were stiff for such a prospect -- $100,000 with payments beginning in 3 months. However, I believe these could be modified greatly if trenching were begun at once and employment offered to the owners. They have a small tent camp on the property capable of accomodating 4 to 6 men.

Depending upon results of Hank's assays this property may warrant some further attention.

H. N. W.

attached assays show 2.50% WO_3 for the best specimen and 0.95% WO_3 for the poorest. Should warrant some trenching.

Beatty (Martin), Nye County, Nevada

In the Bull Frog district, on the west side of Bare Mountain 3 miles southeast of Carrara. "Limestone beds overlain by quartzite and intersected by ... faults along which the higher grade scheelite seems to occur. The scheelite occurs [mainly] in garnetized material in the fault zones ...." Prospected by four small open cuts and a 35-foot shaft.

Examined by Ricker on June 28, 1941, who recommended as follows: "....an attractive prospect [that] warrants re-examination on completion of work contemplated by present owners. A detailed geological survey might be justified if exploration continues to be encouraging and if it is thought desirable to investigate smaller tonnage possibilities than heretofore considered." The "work contemplated by present owners" was deepening the shaft to 50 feet and then drifting along the vein.

Ricker took three dump samples, and he recommended as follows later when he received the results: "....an attractive prospect, and more detailed sampling may be warranted at this time. It would seem at least that high-grade ore could be selectively mined and shipped to any custom plant that may be located in the district." Two of the samples ran 0.38 and 0.68 respectively; the third, of sorted ore, ran 4.59 percent.

Sec. 18, T. 13S., R. 48 E.

ASSAY CERTIFICATE

Wilbur Kingston Mohave Co Ariz

Goodsprings Nev Jan 23 1940

I hereby certify that the Samples described below received from

Goldfield Cons. Mining Co assay as follows:

Sample No.	Owner's mark on Sample	GOLD		SILVER		Total Value per Ton	Percentage of		
		OZS PER TON	VALUE PER TON	OZS PER TON	VALUE PER TON		COPPER	LEAD	WO_3
1									0.56
2									0.32
3									0.18
4									0.27
5									0.41
6									0.28

RECEIVED JAN 26 '40
EAT
NW
CGL
DCB
WAS

GOLD @ $____ PER OZ.
SILVER " $____ PER OZ.

V. Rountree Assayer.