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State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

REPORT BY N. S. WAGNER - Examined September 6, 1943

CORNUCOPIA MINE - investigation of reported tungsten.

Tungsten, in the form of scheelite, has been reported as found in Cornucopia ore and concentrates, and the following investigation into this report was made at the request of the Portland, office.

At the time of this examination Mr. Snedon, whom I gather was formerly in charge of the warehouse, was at the property together with Mr. Baker, introduced to me as Secretary-treasurer of the company. Snedon apparently is in charge of itemizing and superintending the dismantling of the equipment. At best, only two or three other men were working, hauling scrap iron at the time.

Mr. Snedon reported, and Mr. Baker confirmed most of this:

1. They had spent a week recently with some engineer (un-named) sampling for tungsten.
2. They found tungsten in various places in the mill, in the lower end of the tailings pond, and in the mine.
3. The showings underground were limited to isolated places, the site of the best showings being worked out above and below. Generally speaking, the best showings in the mine occurred in a fault zone which is so broken that mining would be difficult.
4. Samples were sent to Salt Lake for assay with the results understood to be poor.
5. Such showings as were found on the property, both surface and underground, were scattered and not conspicuously attractive.

Snedon was engaged in going over equipment with some other man, apparently an auditor, a buyer, or a W. P. B. investigator, or some such thing, and whereas he was very willing to talk with me and show me around the surface plant, he wasn't at all encouraging about my going underground. I went through the mill both on my own, and with Snedon but didn't get underground.

All told I lamped:

1. Remnants of contents in 8 or 10 ore cars.
2. Spillage in the dumping area above the bins and grizzlies.
3. Spillage around the bin gates.

All of the above gave negative results.

4. Spillage under the crusher and along the conveyor. This material represented as accumulation of spillage over a period

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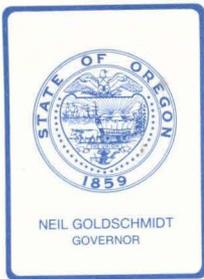
of time and it yielded one one cubic inch specimen of high grade scheelite and some few fines.

5. A few boxes of concentrate and the spillage under the jigs. This showed positive.
6. Jig sands. --- negative.
7. Jig shot. ---- negative.
8. Scrapings and left-overs in the Dorr Thickener --- negative, but the material was so fine grained and sludgy that the scheelite may have been obscured.
9. Many trays each of diamond drill cores and selected ore specimens. These latter were particularly good, being numerous and from stopes all over the mine. Results for the most part nil - one drill core showed a little and one sample.

I took the following samples which were sent to Portland for assay September 7, 1943.

DB 102	Accumulated coarse and fine material spilled under crusher and conveyor -----	% W ₀₃
DB 103	Jig concentrate cleaned up from floor under jigs and around outlets. -----	% W ₀₃
DB 104	Jig sand from a pile shoveled in corner -----	% W ₀₃
DB 105	Sludge and scrapings from inside Dorr Thickener -----	% W ₀₃
DB 106	Lower end Tail Pile - taken at 15' intervals for about 250' -----	% W ₀₃

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CORNUCOPIA MINE FILE

HOWARD BROOKS

FEBRUARY 6, 1987

Ed Widman visited the office 1-30-87. He told me that Widman Bros., contract miners, had recently (mid-November to mid-January) done a small job at the mine. They extended the Coulter Crosscut Adit 400 feet to a total depth of 600 feet beyond the Union vein (6800 feet to the surface) and cut two drill stations near the new face. Plans reportedly call for 6,000 to 7,000 feet of diamond drilling by another company to test the Union vein at depth.

Widmans were contracted and paid by Watts, Griffis, and McQuat (WGM) Consultants. Ed does not know who put up the money. The property remains under UNC ownership. Larry Bush is still there as watchman for UNC.

HCB/jd

