

Copper Mtn. scheelite

Olive 5 - The upper most kidney or lens produced about 25 tons of scheelite ore and the center, 35 tons. A carload of the ore from both pods ran 2.56% WO_3 smelter run at Salt Lake. Some low-grade (about 6 tons) was added to make a 50-ton car and this probably lowered the sum somewhat. (The above information is from Glenn Keahey.)

Here the ore has formed in a zone between a Hb diorite and basalt. The diorite is gneissoid in places and the basalt is schistose. The ore zone is badly fractured and contains some lime, lime-silicates (activolite), biotite schist, and scheelite. It is about 5 feet wide at its widest point. Dip 55° S. 5 E.

Glenn Keahey says a small nugget of native silver was taken from this zone.

Check on surface above upper pit for outcrops of scheelite, then put in pit or two with view to possibly finding additional pockets of high-grade. Ore zone pinches out at top of pg.

There are about 5 springs over an area of 10 acres which could produce considerable water, if opened.

Romur Claim - On hill above portal of tunnel about 100' NE. Pit about 8'x8' by 6' deep. Here limestone has been metamorphosed to an activolite rock and has been intruded by quartz veins. In contact with the activolite rock is what appears to be a gray granite containing local biotite and becoming a biotite schist a few feet away. Local iron stains.

The rocks in the vicinity are granite gneiss and hornblende schist. These are the predominant rocks of the entire region. Apparently locally, where thin bands of limestone occur, this rock has been silicified by replacement to activolite, etc. with the introduction of scheelite. Granite pegmatites cut all the earlier rocks.

Truck Load (16,000 lbs)	--	2.57% WO_3	Romur Claims
Truck Loads (3,900 lbs)	--	3.82% WO_3	(John Keahey - 14 claims
(1,300 lbs)	--	4.69% WO_3	(Wm. Brown

(Above data from Keahey and Brown)

Letter to Dr. H. D. Thomas (Feb. 24, 1943)

"In answer to your letter of February 18th wish to state that our claims are shaping up well and we have leased a group of claims to a man from Colorado who has his camp party set and expects to start mining operations shortly. We have also leased a group of claims to Mr. G. W. Way of Wooster, Ohio. He is a manufacturer who plans on starting operations in a pretty big way. Last week we shipped two car-loads - approximately 85 tons. As yet we have had no return as to what the WO_3 ran. As a whole it looks pretty good. However, you know the tungsten situation is spotted and the tonnage that can be recovered in this district is hard to tell as yet."

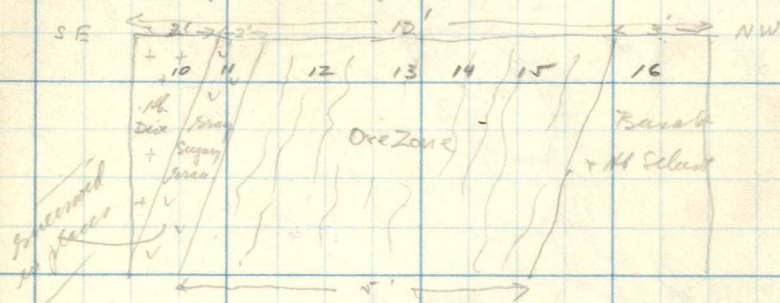
"Hoping that you can get up to see us in the near future."

John M. Keahey
Buffalo, Wyoming

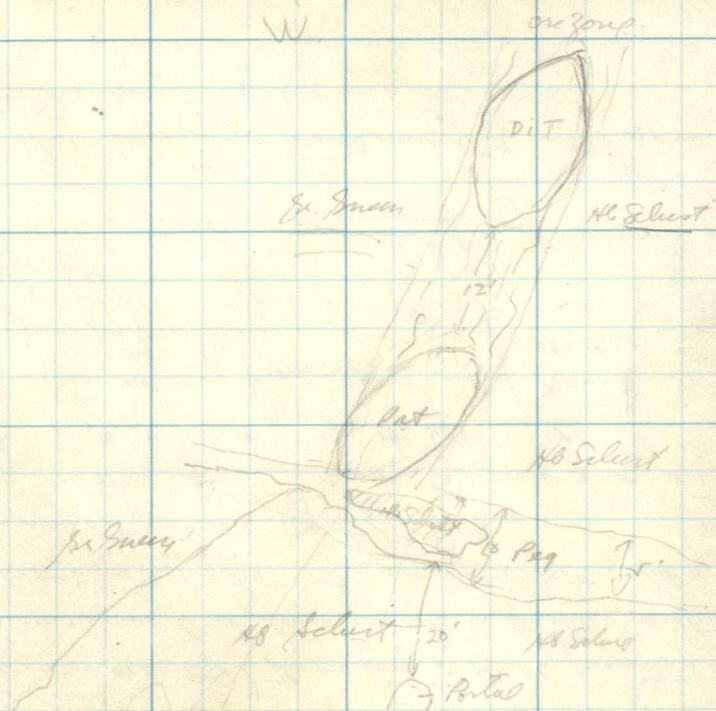
12-72-43 Olive 5

The uppermost bedding or lens produced about 25 tons of schistose and the center 35 tons. A carload of the ore from both jobs ran 2.56% WO_3 smelter run at Salt Lake. Some low-grade (about 6 tons) was added to make a 50-ton car and this probably lowered the run somewhat. (The above information is from Glenn Kealey.)

Here the ore is formed in a zone between a Hb. Decate and breccia. The decate is gneissoid in places & the breccia is schistose. The ore zone is badly fractured, contains some lime, lime-silicates (actinolite), hematite schist, and schistite. It is about 5 feet wide at its widest point. Dip 55° S \rightarrow E.



Glenn Kealey says a small nugget of native silver was taken from this zone.



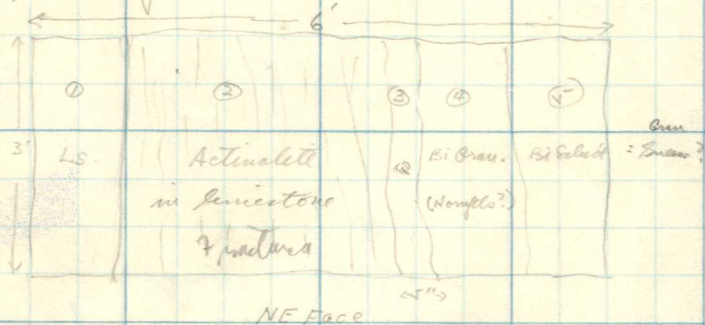
Check on surface above upper pit for outcrops possible
 then further pit or two with view to possibly finding
 additional pocket of high-grade. One zone pushing out at
 top of peg. Probably won't find anymore in hill
 there are about See sketch

There are about 5 springs over an area of 10 acres which
 could produce considerable water if opened

Romex Claim

11-7-43

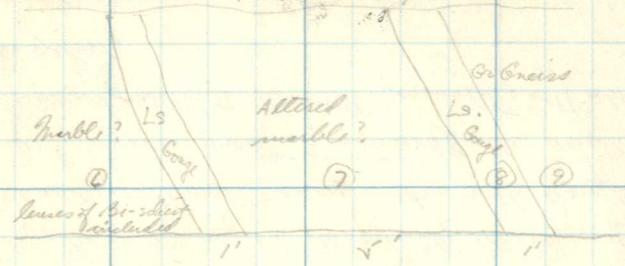
On hill above portal of tunnel about 100' NE. Pit about 8' x 8' by 6' deep. Here limestone has been metamorphosed to an actinolite rock and has been intruded by quartz veins. In contact with the actinolite rock is what appears to be a gray granite containing local biotite and becoming a biotite schist a few feet away. Local pyroxenes.



The rocks in the vicinity are granite gneiss and hornblende schist. - These are the predominant rocks of the entire region. Apparently locally, where thin bands of limestone occur, this rock has been silicified by replacement to actinolite etc. with the introduction of actinolite. Granite pegmatites cut all the earlier rocks.

N 46° dip - S 40 E.

N 40 E = slip
Partial 1'



1 Carload from O lens ✓	2.56% WO_3
1 " " Reverse	1.57 "
" " "	.16

Oct. 1942

2.56

Copper Mtn. Scheelite

Truck Load (16,000 lbs.) -- 2.57% WO_3 Romur Claims

Truck Loads (3900 lbs) --- 3.82 " John Keahey

" " (1300 lbs.) -- 4.69 " } Wm. Brown 14 claims

(Above data from Keahey & Brown)

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"Hoping that you can get up to see us in the near future"

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