

0410 0021

REPORT ON AURORA DISTRICT

Mineral County, Nev.

*New Esmeralda area
Aurora Dist.*

189

ITEM 22

This examination took place on October 17 and 18, 1933.

According to Mr. McKeough, with whom I stayed at Aurora, there were 30 or 40 men at work in camp during the summer. At the time of my visit there were only 6 men in camp.

Mr. McKeough has acquired the Langtry, Chimpanzee, W. Y. O. D., Hypo, claims and 500' of the Esmeralda Claims. He has leased the Langtry claim to a Mr. O. D. Thomas (Western Consolidated Mines Co.) who has also bought the Thanksgiving and War Eagle Claims. Thomas at the time of my visit had two men employed revamping McKeough's old mill in the town of Aurora, installing crusher, stamps, ball mill and flotation cells, and expected to handle 40 tons per day of ore from the Langtry Claim, where it was stated he had 5' of \$15.00 ore showing, but not opened up.

A Mr. Walker is operating a small shaft on the Martinez Fraction and is stated to have developed about \$15,000. of \$100. ore. He has a small mill on Willow Creek on the Juliet and Sunrise Claims and also owns the Banner Fleece, Golden Age, (formerly Wide West), and Empire Claims, formerly owned by the Aurora Consolidated.

A Mr. Hume of Grass Valley has acquired the Sand Lot and Caribaldi Claims.

A Mr. Hammond has taken an option from a Mr. Green on the Cortez and Lady Jane Claims, and has leased the Antelope and Hypo Claims, the latter from McKeough. Hammond is now seeking from the Goldfield Consolidated a mill site on the Eureka Claim for construction of a mill to run the \$5.00 dumps from the Antelope, Hypo, and Lady Jane Claims.

It will probably not be possible to get any great number of lessees on Company property in Aurora until someone completes a mill capable of handling the local ore. At present the only ore that can be profitably handled must be relatively high grade to stand shipment to Bodie. It is quite probable that some ore has been taken out of the company property over the last few years without lease or permit.

In order to encourage lease operations in this District the Company should lend every assistance to any one desiring to construct a custom mill for handling local ores. One of the most serious problems connected with mill operation is that of water supply. The only adequate supply in the district was that coming from the portal of the Humboldt Tunnel near the Company's old mill site.

It would be to the Company's advantage to give the use of this water to any responsible parties desiring to operate a customs mill in this district.

I did not attempt to sample any of the workings near the old camp of Aurora, as these are too extensive and the chances of developing any large bodies of ore are remote.

The most interesting situation is that in the so-called New Esmeralda District, about $3\frac{1}{2}$ miles Northeast of Aurora, beyond Gregory Flat. The veins in this district have been known for sometime, and are developed by a crosscut tunnel and several shallow shafts. They outcrop in a small area of andesite almost completely surrounded by the later basalt. They probably extend for considerable distances to the northeast under the basalt. At least four rather wide veins outcrop boldly and many other smaller veins are indicated by float, and are exposed in the crosscut tunnel. These veins are similar in all respects to the large veins of the old Aurora District. Three grab samples from different dumps on these veins were taken and are described below. They indicate values comparable to those found in the old Humboldt and Prospectus veins, and while these new veins are not as wide where exposed, they might nevertheless develop sufficient tonnage to be of interest. The Company still owns four patented claims in this District as shown on the accompanying map. These claims cover practically all of the exposed andesite. Three adjoining claims have been located by Mr. McKeough, who expressed a desire to do some work on the Company claims if he could get an advantageous lease and option. I recommend that as early as the season permits, these outcrops and workings in the New Esmeralda District be thoroughly sampled. It is my opinion that this New Esmeralda District offers the only possible opportunity for Company operation in the Aurora District.

List of Samples: (New Esmeralda District)

<u>No:</u>		<u>Oz. Gold</u>	<u>Oz. Silver</u>
8615	Horizontal cut around dump at Mooney Shaft near the common end line of the Clara and Evaluen Claims; hard white quartz	0.16	1 oz.
8616	Grab dump at Garfield Shaft on the Evaluen Claim, near old stope 20' long 4' wide, and about 20' deep	0.37	0.70
8617	Grab of quartz dump at portal of Hancock crosscut tunnel on Medicine Man No. 1 Claim. This quartz dump probably from south drift on vein in crosscut tunnel	0.20	2.80

Respectfully submitted

H. G. WALKER

L. D. JORDAN

H. E. LOUFEK

NEVADA TESTING LABORATORY

233 EAST PLAZA STREET PHONE RENO 21001
RENO, NEVADA

ASSAY CERTIFICATE

October 20, 1933, 193

M Goldfield Consolidated Mining Company.

1223 Crocker Nat'l. Bank Bldg. San Francisco, Cal.

Sample No.	Owner's Mark on Sample	GOLD		SILVER		TOTAL VALUE	3.20 5.20	3.20 6.10
		Ozs per Ton	Value per Ton	Ozs per Ton	Value per Ton			
2872	#8615	0.16	\$ 3.31	1.00	\$ 0.40	\$ 3.71	5.20	6.08
2873	#8616	0.37	\$ 7.64	0.70	\$ 0.28	\$ 7.92	11.32	13.03
2874	#8617	0.20	\$ 4.13	2.80	\$ 1.12	\$ 5.25	7.12	8.61
						776.88		27.77
						5.63		9.24

Gold at \$20.67 per oz.

Silver at 40¢ per oz.

NEVADA TESTING LABORATORY
RENO, NEVADA

BY

L. D. Jordan

Oct. 17-18, 1932.

Mr. Kough

Langley, - Chingpa, W. Y. 100, Hyge
 O.D. 2 hours 11:00 AM to 12:00 PM 500' Elevation
 perching on a hill. Crater, steep, full with
 a plateau. 40 tons.
 5' 7" 15 on Langley with good up.

Walter

Walter's function. Left 15, 100' on
 Brown, blue, Golden Age (W. Y. 100) (Elevation)
 Mill on W. Y. 100 on good.
 John, Brown,

O.D. 2 hours 11:00 AM to 12:00 PM, W. Y. 100.

See note
 Hume for Sand Hill - Sand Hill.

Hummer

in vicinity, 1.2 727 and (all).
 Jan. 1000 antelope - Hyge
 Jan. 1000 Jan. 1000 7, 1000 - 1000 Jan.
 Work with 1.2 on 1000 Jan. 1000 Hyge.
 1000 Jan.

W. Y. 100 - Hummer 1000
 and 1000 1000

Class - Emerald MINE No. **M-8615**
new Emerald DISTRICT, DATE *10/18/32*
Surface LEVEL *morney drift* WORKINGS CLAIM
FROM *the east around dump at*
OUTCROP-TUNNEL-SHAFT-DRIFT-XCUT-RAISE-WINZE-SLOPE-CUT-DUMP
SAMPLE LOCATED *drift* FT. *grade* FROM

WIDTH FT. (R-A TO DIP-HORIZ--VERT.)
DESCRIPTION:

an 0.16 ag. 1.2 TAKEN BY *H. H. W.*
STRIKE DIP CONTINUATION OF No. FOOT TO HANG

Crocker MINE No. **M 8616**
DISTRICT, DATE
LEVEL *1* WORKINGS CLAIM
FROM *dump 2 Surface drift*
OUTCROP-TUNNEL-SHAFT-DRIFT-XCUT-RAISE-WINZE-SLOPE-CUT-DUMP
SAMPLE LOCATED FT. FROM

WIDTH FT. (R-A TO DIP-HORIZ--VERT.)
DESCRIPTION:

an 0.37 ag. 0.70 TAKEN BY *H. H. W.*
STRIKE DIP CONTINUATION OF No. FOOT TO HANG

MINE No. **M 8617**

DISTRICT, DATE New England 10/18/30

LEVEL under 2nd WORKINGS CLAIM

FROM 2nd of tunnel from

OUTCROP-TUNNEL-SHAFT-DRIFT-XCUT-RAISE-WINZE-TOPE-CUT-DUMP

SAMPLE LOCATED FT. FROM

1st tunnel from drift on side

WIDTH FT. (R-A TO DIP-HORIZ-VERT.)

DESCRIPTION: Handcut tunnel drift

on 0.10 at 2.80 TAKEN BY H. H. W.

STRIKE DIP CONTINUATION OF No. TO } FOOT HANG

MINE No. **M 8618**

DISTRICT, DATE

LEVEL WORKINGS CLAIM

FROM

OUTCROP-TUNNEL-SHAFT-DRIFT-XCUT-RAISE-WINZE-TOPE-CUT-DUMP

SAMPLE LOCATED FT. FROM

WIDTH FT. (R-A TO DIP-HORIZ-VERT.)

DESCRIPTION:

TAKEN BY

STRIKE DIP CONTINUATION OF No. TO } FOOT HANG

M 8618

M 8618