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TONOPAH MINING CO. OF NEVADA	
MINING AND EXPLORATION DEPARTMENTS	
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REPORT

ON

BUCKEYE GROUP OF CLAIMS.

DESATOYA RANGE, LANDER CO., NEV.

Examination: Sept. 4, 1915.

Report: " 7, "

By: H.W.Stotesbury.

REPORT
ON
BUCKEYE GROUP
DESATOYA RANGE, LANDER CO., NEV.

The Buckeye group of mine claims belonging to Mr. Gus Laurent and associates is located in the Desatoya Range of mountains, on the east side of Smith Creek Valley, 50 miles southeast of Austin, Nev., which is the nearest railroad point. There is considerable standing timber on the property and water may be obtained from springs about three miles distant.

The claims are adjoining and located in two parallel groups of five and four claims respectively, along what is considered to be the strike of two different veins, but there has not been enough workdone to prove the continuity of either vein for any distance from the point of discovery.

The veins are in rhyolite with one wall well defined and are composed of silicified rhyolite and quartz, containing oxidized spots and streaks which were said to contain very fine free gold.

The only work on the property is a ten foot cut on the foot-wall side of a vein one foot in width; a 42-ft. vertical shaft on another vein or mineralized zone five or six feet in width; a 10-ft. shaft on a parallel vein about 500 feet distant; and a 10-ft. cut on a fault showing well definied slickensides and coated with a narrow band of quartz. None of these veins can be traced for any distance from the point of discovery excepting the one on which is sunk the 42-ft. shaft. This vein may be traced down the side of the hill for approximately 200 ft.

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Description of Samples and Values.

- Sample No. 1: Cut sample across 10" quartz vein in open cut, Vein No. 1.
- Sample No. 2: Cut sample across one foot of oxidized material on footwall side of vein in open cut, Vein No. 1.
- Sample No. 3: Picked sample from pile on dump at shaft, Vein No. 2.
- Sample No. 4: Cut sample across 3-ft. of vein at bottom of 42-ft. shaft, Vein No. 2.
- Sample No. 5: Cut sample across 5 ft. of vein in shaft, 25 ft. from surface, Vein No. 2.
- Sample No. 6: Picked sample from vein in shaft 25 ft. from surface, Vein No. 2.
- Sample No. 7: Cut sample across 2 ft. of oxidized material in 10-ft. shaft, Vein No. 3.
- Sample No. 8: Cut sample across 8 ft. of vein at collar of 42-ft. shaft, Vein No. 2.

<u>Number</u>	<u>Width</u>	<u>Ozs.Au.</u>	<u>Ozs.Ag.</u>	<u>Value</u>
1	10"	.02	0	\$0.40
2	1'	tr.	0	0.00
3	-	.04	0	0.80
4	3'	tr.	0	0.00
5	5'	0	0	0.00
6	-	.06	0	1.20
7	2'	tr.	0	0.00
8	8'	tr.	0	0.00.

Conclusion.

This property not considered worthy of further consideration.