

1960 0001

169 Item  
1

CONSOLIDATED MINING & SMELTING COMPANY,  
Lincoln County, Nevada.

August 2, 1919.

PRESENTED BY:

Frank E. Macy originally, but before examination W. G. Murray had an option on the property.

DISTRICT:

Freiburg, Lincoln County, Nevada. An effort is being made to change the district name to Silverton.

Freiburg District is a very old locality and the original work was done by C. C. Goodwin during Comstock days. Goodwin's work is located about one mile west of the property under consideration.

LOCATION:

The property is located one mile east of Worthington Peak; 60 miles directly west of Pioche; 100 miles south of Ely, Nevada. Pioche and Ely are the nearest railroad points. The Ely auto road is very good. The property can be reached from Tonopah over a poor road about 130 miles in length.

Very little work is being done in this section of the country. The Roadside Mine, 12 miles north, is working a few men. The Dresser Mine on Badger Creek, 18 miles northwest, is shut down.

PROPERTY:

Consists of 5 nearly full size locations and one fractional claim. 5 other claims are in process of location. None of the ground is patented.

EQUIPMENT:

Consists of a 10 H.P. Witte Gasoline hoist, magneto ignition, 1 circulating tank, 3 buckets, 1 mine car, about 350 ft. of 5/8 in. hoisting rope. A considerable amount of hand steel and all necessary iron and wood working small tools. The blacksmith shop is equipped with a Champion blower and a small hand drill press. A 10-ton lead-silver smelter has been constructed but it does not appear very effective. Assay office appears quite complete. A cook house of good construction has been erected.

POWER, WATER &  
TIMBER.

No hydraulic power of any moment is available. Macy estimates 300 miners inches under 120 ft. head in Cherry Creek. Water for concentrating would have to be pumped from the valley, 5 miles distant. Considerable good timber is reported in the higher elevations around Worthington Peak.

GEOLOGY:

The ores in this property occur entirely in limestone, which has undergone a considerable folding probably due to a rhyolite intrusion located about one mile to the north.

**GEOLOGY.**  
**(Continued).**

Trap or basalt dikes also have come up through the lime, to the west of the ore occurrence. A heavy calcite deposition seems to accompany the ore.

**ORES:**

Contain silver chloride, lead carbonate and the copper oxides. Very little gold is in evidence. On the Florence No. 1 claim an incline shaft with levels at 45 and 106 ft. develop a considerable amount of ore. Several assays were taken as shown in the following table. On the Florence No. 2 claim where the limestone takes the most decided folding and where there has been faulting a streak of high grade is now being worked in a small way. Samples Nos. 149, 151 and 152 are from this streak. It is doubtful whether the copper oxides can be saved by concentration. The same will probably apply to the lead carbonate. A small amount sorted smelter product could be made, but it is doubtful whether it would have value enough to stand haulage and freight and treatment.

**OWNERS:**

Mr. Charles Briscoe, who represents the stockholders says the capitalization of the Consolidated Mining & Smelting Company is 20,000 shares and that it is a Nevada incorporation. Shares are held as follows: W.L.Leland 11,200, Charles Briscoe 3675, G. A. Young 2675 and T. Young 2450/

**TERMS:**

\$10,000. to stockholders, plus \$1,000. to W. C. Murray after examination, \$10,000. in 8 months; and a total of \$100,000. in two years. W. C. Murray to receive a total of \$10,000. making the price finally \$110,000.

**CONCLUSION:**

While the property is a promising looking prospect, the grade of ore taken, with its isolated location, do not make it appear a desirable undertaking for our company.

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GENERAL SUPERINTENDENT.

WHB:FJK.

FLORENCE NO. 2 CLAIM.

<u>Sample Number</u>	<u>Width</u>	<u>Gold Oz.</u>	<u>Silver Oz.</u>	<u>% Copper</u>	<u>% Lead</u>	<u>Total value on Smelter Deductions.</u>	<u>Description.</u>
146	6.5	tr.	4.50	tr.	4.30		
147	4.0	tr.	0.36	tr.	0.40		Faulted material.
1 48		tr.	0.64	tr.	0.0		test of crushed material
149	1.5	0.04	68.56	1.65	21.70		In Macy's raise
150		tr.	6.80	tr.	1.10		Grab sample in raise from tunnel.
151		0.04	56.96	0.50	18.20		Grab Macy's fines thru 1/4 screen
152		0.06	102.54	0.50	17.30		Grab Macy's coarse sorted.
153	4.0	tr.	1.28	tr.	0.40		Open out
154	3.	tr.	3.24	tr.	0.80		Open out

FLORENCE NO. 1.  
Incline 45 ft. level.

155	5.5	tr.	5.30	1.65	2.10		10 ft. n. of incline
156	1.5	tr.	1.84	0.25	1.50		20 ft. do
157	5.5	tr.	7.0	2.20	0.30		30 ft. do
158	6.0	tr.	1.60	2.55	0.20		40 ft. do
159	2.0	tr.	1.60	1.70	-		15 ft. ne. vertical shaft

FLORENCE NO. 1.  
Incline, 106 ft. level.

160	3.0	tr.	0.96	0.65	1.70		
161	4.0	tr.	6.20	7.65	10/20	\$46.48	
162	5.0	tr.	5.00	3.60	5.20		
163	4.0	tr.	5.20	4.00	6.60	\$26.77	