

PRELIMINARY REPORT ON
Mandalay Mines Company

Name and Owner.

Mandalay Mines Co.

Location and Holdings.

18 locations lying 3 miles south of Antelope Spur on the Western Pacific Ry. 13 miles S.E. of Sulphur on same railroad. Pershing & Humboldt Counties

Accessibility and Transportation.

Quite accessible and a short haul from Antelope. No bad grades.

Geology.

Slate formation with rhyolite as the igneous rock.

Veins or Ore Bodies.

Veins are fissures striking E. & W. and dipping steeply to the south. Formation strikes N.E. and dips to the N.W. Veins occur in the slate and persist for 2000ft as to outcrop. Float indicates several other veins but work has been done on one only. Out crop has heavy quartz with some iron. No manganese noted nor calcite.

Samples and Assays.

No samples taken. Owner shipped us sample for mill test that ran AU. 0.20 AG 17.48. Gold extraction 95%. Silver 80.7%. Owner states that sulphides under water level ran AU. 0.15 AG. 5.5.

Development.

A few small cuts on the outcrop and a shaft 75ft deep that now has 25ft of water in the bottom. Incline shaft with no drifting.

Present Equipment.

Small 6 H.P. Fairbanks-Morse gasoline hoist. Small gasoline driven compressor. Gallows frame. Steam sinking pump Cameron #6. Hand tools.

Metallurgy.

Probably concentration as there may be trouble with cyanide.

Wood, Water and Power.

Wood none. Water sufficient for domestic and milling from springs and mine. Power none.

Price and Terms.

Not discussed.

Possibilities.

Enterprise doubtful. The strong quartz outcrop is tempting but the vein exposed in the shaft is small and the values on owners statement grow less with depth.

Miscellaneous.

Black Rock Oil & Gas Co. with standard rig is drilling near Ry. and 10 miles to the N.W.

Conclusions.

Do not think the property is worthy of further development by us.

ASSAY CERTIFICATE

THE TONOPAH MINING COMPANY OF NEVADA

TONOPAH, NEV..

11/15

1921

Austin & Allen - WTKR

SAMPLE NO.	SAMPLES TAKEN FROM	GOLD		SILVER		TOTAL VALUE PER TON	PERCENTAGE OF			
		OZS. PER TON	VALUE PER TON	OZS. PER TON	VALUE PER TON		COP'R	IRON	SILICA	LEAD
14		5		150						

G. F. Foder
ASSAYER

ASSAY CERTIFICATE

THE TONOPAH MINING COMPANY OF NEVADA

TONOPAH, NEV..

11/15

1921

Mandalay WNH13

SAMPLE No.	SAMPLES TAKEN FROM	GOLD				SILVER				TOTAL VALUE PER TON	PERCENTAGE OF			
		OZS. PER TON		VALUE PER TON		OZS. PER TON		VALUE PER TON			COP'R	IRON	SILICA	LEAD
1			Fr			1	80							
2			Fr				70							
3			12			1	98							
4			02			2	68							
5			52				98							
6			Fr				40							
7			Fr			1	10							
8			Fr				90							
9			Fr				10							
10			Fr				50							
11			Fr				40							
12			Fr				60							
13			Fr				Fr							

C. J. Foster
ASSAYER