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Subject: AIME Talk 2/67 - Pan American Mine - Simon Mine

Memorandum (166)

UNIVERSITY OF NEVADA  
Reno, Nevada

Date: February 27, 1967

Item 1

✓ Pan American mine operation in the Combined Metals Limestone, Pioche, Nevada, V. Bilyeu, H. Davenport, C. Steen.

Nearly horizontal, trackless mining. ~~Mrs.~~ Veda, crew and equipment. 30,000 tons/month with Castleton mill operating only 2 weeks/month. Mangosiderite present; will try to produce iron-manganese pellet.

Costs

Mining	\$1.84
Trucking	.67
Milling	<u>1.96</u>

\$4.47

Net smelter return \$5.94

Development of the Simon Silver mine, Walter N. Campbell.

Federal Resources Corp. acquired in 1963. Dewatered and discovered couldn't utilize old workings. Then diamond drilled from surface.

Sunk new shaft 1088'. 1000' level showed very heavy ground, poor hanging wall. Started drifting in wall and crosscutting at intervals. Trying to substantiate reserves to warrant a mill.

Ag-Pb-Zn. Sticky, clayey ore. 2 orebodies. Variable width.

Preliminary testing indicates square setting best.