

waters which later deposited tufa derived from calcerous beds in sediments. Deposit thought to be hypogene. Hydrothermal minerals with abundant Barite. Tufa is not mineralized by Mn and iron but angular shale fragments are cemented by the mineralized material.

FLOW SHEET - GOLCONDA TUNGSTEN MILL

Coarse ore bin (too small)	Moisture & mixer-rotary
Jaw crusher	Dwight-Lloyd sintering machine
Rolls	Ball mill (wet)
Elevator	3 agitators in series
Screen	No.1 No.2 No.3 No. 4
Rotary kiln dryer	Storage tank and heat exch. Tails 0.27% WO ₃
Bin	Tails 0.01% WO ₃
Ball mill (dry)	First pot. (impurities)
Cyclone dust ppt. and screen	CaWO ₃ Pot.
Na ₂ CO ₃ NaCL Coal	drum Filter
100 tons $\frac{1}{2}$ to 1% WO ₃ solution precipitate per day.	65 deg. C Water heaters Rotary drier
	65% WO ₃ concts.

June 25 ADELAIDE-CROWN SYNDICATE
Roy Hardy, U.N. Manager

Property about 10 miles south of Golconda. Dodge Bros. contracting stripping and hauling ore. Two men breaking ore for shovel. 22¢ a yard for stripping, 27¢ per ton ore to mill. \$1.25 per ton milling cost, \$2.00 per ton total cost - \$4.00 ore. N-S striking ore body. Stripping 2:1.

Custom ore Bin	Mine Bin	Preg. solution \$2.20 per ton
Grizzly		Nal thickener Butters lead purifier
3-ft. E-Y gyratory	Simons vib. 5/8" screen	3 agit. series Dereator tank
		Zinc dust
	Fine ore bin	Mill sol'n. V type
	vezin	4-tray wash. thick.
Dorr. class.	8' Hardinge 200 HP ind.	Bullion furnace
	Tails	Barren sol'n.