

NAME OF PROPERTY

C1-3
Argentena Zinc-Lead Mine
Argentena Consolidated Mining Co. - Owner
117 West 9th St., Los Angeles, California
Harry Lee Martin, above address, President

Item 25

Comprising 2 patented and 3 unpatented lode mining claims.

LOCATION

Located in Yellow Pine Mining District. Mine about $12\frac{1}{2}$ miles northwesterly from Jean, Nevada. Mill about $8\frac{1}{2}$ miles northwesterly from Jean.

GEOLOGY

The zinc-lead deposition is a replacement in yellow pine limestone, and is comparatively flat. Post mineral block faulting complicates the mining of deposit. Zinc occurs as a carbonate (smithsonite) with some silicate (willemite, or calamine). Lead occurs as a sulphide (galena) or carbonate (cerussite). Sampling indicates ore will run 1% to 5% lead, and 18% to 25% zinc.

ORE RESERVES

Fred B. Piehl, Superintendent, estimates from 35,000 to 40,000 tons of 20 - 25% combined zinc-lead ore, and "several thousand" tons of 35 - 40 combined zinc-lead ore in sight.

EQUIPMENT

There is a 4 tower 2600 ft. aerial tramway of 25 ton per hour capacity from tunnel #5 to mill near Goodsprings, Nevada. Company-owned water wells located at Goodsprings supplies water for mine and mill. Water is pumped 2 miles against 480' head through 3" pipe to mill storage of 100,000 gal. capacity. Mine and camp water pumped from millsite through 3600 ft. of 2" pipe with lift of 800 ft. to mine storage tanks.

Considerable development work has been done. Tunnel No. 5 is lowest and main haulage level. From Sept. 22, 1943 to April 29, 1944, this property produced 95,390 lbs. lead, 719,429 lbs. zinc and 1643 lbs. of V₂O₅.