

NAME OF PROPERTY

Imperial Mine

3780 0001

99

Item 1

Imperial Development Co. Ltd. - owner  
Clyde E. Miller, President  
1262 Third Avenue  
Los Angeles, California

LOCATION

Railroad Springs Mining District, Esmeralda County, Nevada, about 31 miles west of Goldfield.

GEOLOGY

A strong fault fissure cutting a blue limestone and shale. Vein filling consists of quartz and replaced limestone carrying considerable iron oxide, with some gold and silver. There are several parallel quartz fissures, two of which have been developed and have produced some ore.

DEVELOPMENT

The property has been developed by a system of adit tunnels, shafts, winzes, and raises. The lower or Main adit tunnel has been driven for about 2100 feet on the main fault fissure vein. In this lower tunnel some stoping and winzing has been done. About 100 feet vertically above the Main adit tunnel is located the "B" adit tunnel, from which some stoping has been done on the main vein and on the so-called North Spur vein. The orebodies developed by these two adit tunnels outcrop at the surface. About 2,000 feet east of the portal of the Main adit tunnel, the vein has been opened by several surface cuts and a shallow shaft. Ore stoped from the several adit tunnels has been milled in a 50-ton sand-leach cyanide plant located near the portal of the Main adit tunnel. Sampling indicates two small oreshoots, the one below the "B" adit tunnel estimated to contain about 1,000 tons of ore assaying 0.34 oz. gold per ton, the other below the main adit tunnel estimated to contain about 600 tons assaying 0.29 oz. gold per ton.