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item 1

Lincoln Mine
Visited March 6, 1953

Lincoln

Superintendent in charge
Engineer
Geologist
Isbel's Project Superintendent

Jim Perkins
William (Larry) Callahan
Bob Jones
Fielding (?)

The present flotation mill is of about 500 tons per day capacity. At present they are attempting to make a scheelite, fluorite, and pyrite concentrate. Their greatest difficulty is to separate the fluorite from scheelite. The mill was shut down at the time of my visit. Isbel Construction Company is doing the waste stripping, and a sub contractor is mining the ore. For blast-hole drilling, Isbel is using a caterpillar mounted 450 cf compressor with a jumbo boom. For quick moving drill they are in the process of moving in a rotary drill. Isbel plans are for much larger tonnage mining.

Geology

2 granitic plugs intrude Paleozoic sediments. The contact of only the larger has thus far shown scheelite. Here ore has been found for about a mile or 2 of the contact. The ore is in 2 vertical beds parallel to each other and the north bearing contact within a zone about 100 feet wide. There on it is about 8 to 30 feet wide. The bed next to the contact is highly oxidized and much of it gives poor mill recovery. Callahan had some samples showing the occurrence of scheelite in granite which surprised him much. It was explained that this occurrence is no longer considered unusual.

Reference: Victory Tungsten near Gabbs.