

Name

WILLOW CREEK MINE

Location

Madison County, Montana
Sections 19, 30 Township 8 South,
Range 4 West, Montana Principal
Meridian Home Park Ranch, 7½
Quadrangle

Target Mineral

Talc, Chlorite

Property Position
and Holding Cost

Cyprus Mines Corporation holds 100% interest in an exploration agreement with a mining lease option with Resources Processors Inc. The agreement expires on November 4, 1980.

Description

The Willow Creek Mine is situated about 26 miles south-westerly of Alder, Montana within the Greenhorn Mountain Range. The first 22 miles are on well maintained paved and gravel highway with the balance (beyond Home Park Ranch) being a fair dirt haulage road.

Cyprus Mines Corporation entered into a lease/option agreement on the Willow Creek property with Resource Processors Inc., in May 1979. The mine is situated on four unpatented lode mining claims.

The Willow Creek Mine contains substantial amounts of both talc and chlorite, although no ore calculations have been prepared as of yet. Within the presently inactive open pit on the property, the talc zone exposed is approximately 800 feet in length with an apparent thickness of 15 to 25 feet. The talc seems to occupy a northeast-striking fault zone, dipping between 40° and 65° to the northwest, although evidence is scanty due to the large amounts of mining debris and land slide material within the old pit. The southwestern end of the ore zone appears to terminate against a high angle fault zone. To the northeast, the manner in which the talc zone terminates is unclear at the present time, although apparently barren marble outcrops along strike outside the northeast rim of the old pit.

In late summer 1979, the Willow Creek Mine was flown by an aerial survey company to produce a 1" = 200' topographic map of the area, as well as a 1" = 50' map of the old pit. Preliminary geologic mapping (1" = 200') was completed by the end of September 1979, and nine exploratory drill hole sites were proposed for drilling in the spring of 1980.

PLAINTIFF'S
EXHIBIT
CAM-79

EXHIBIT 11 27
WIT: Mulryan
DATE: 7-17-15
G. LUCAS, RPR, RMR, CRR, CLR

WILLOW CREEK MINE (Continued)

Objectives 1980

- Complete exploratory drilling program
- Make a detailed (1" = 50') geologic plane table map of area(s) of interest.
- Layout and begin development drilling program
- Layout of mining plan.
- Preparations began for the 1980 exploratory drilling program to begin in May.

June 1980

Geologic data has been transferred to the updated topographic map to facilitate the selection of future drilling targets. Plans have been made for a plane table geologic mapping program in late July.