

IN ANSWERING REFER TO NO. _____

PE
87-2

McCarthy 87-0

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PE-087-02

BUREAU OF MINES

The O'hara - Farman Prospect. Kx 87-16
Chitina Precinct.
June 1925.

Examined by J.G. Shepard,
U.S. Bureau of Mines.

Ans.
114.6.0
619 21'N
14305 1/2

The O'hara- Farman prospect is situated at an elevation of 4000 feet on the hill side above the Chitina River, opposite the mouth of the Chokosna. Six tons of supplies were sledged up in the winter of 1924 and 2 good cabins built.

The country rock is a mablized limestone with basaltic, andesitic, and igneous intrusions. Numerous quartz veins are present but these seem to be more or less barren. One large zinc lode is present. It is doubtful, however of its economic importance due to the large pyrite content embodied.

The main showing is an open cut about 20 feet long. This cut shows an orebody some 12 feet wide, carrying 10 to 15 % lead, some zinc and a little iron. The minerals recognized are fine grained galena, sphalerite, and pyrite. Some lead carbonate is also present on the surface. The lead occurs in bands of solid mineral and is disseminated throughout the limestone gangue. The orebody shows a distinct hanging wall and a gradual lessening of impregnation in the foot wall. At the exposure, the orebody strikes N 80 E and dips 35 W. A small greenstone dike intersects the orebody near the surface, dipping flatly to the east. 350 feet below this showing is an out-crop of lead carbonates about 4 feet wide. This cropping has not been stripped so little could be seen of it. The precious metal content is very small.



The O'hara-Farman Cabin.

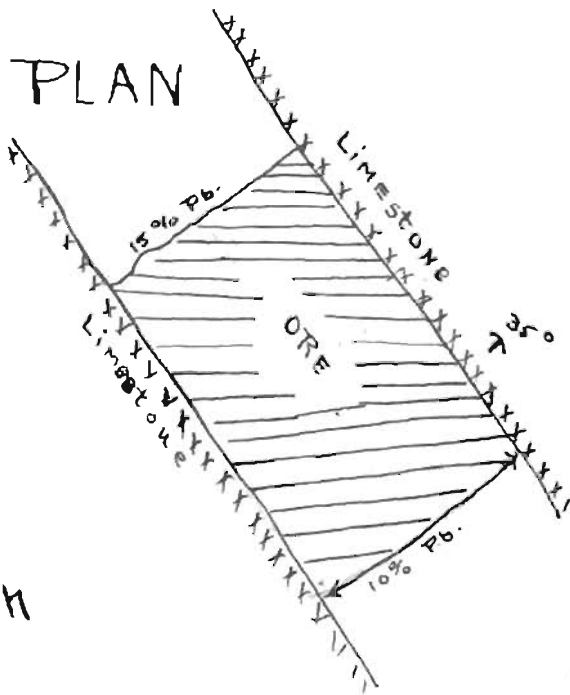
Showings, formation, and float would indicate that this prospect is well worth developing.

Five miles north of the O'hara prospect, an out-crop having a length of 600 feet and a width of from 10 to 40 feet is reported. The ore is of a similar character. One wall is slate and the other limestone, with gouge on both walls.

It is my opinion that the district may become a producer of lead-zinc and is well worth a prospectors investigation. The district is quite accessible with the exception of crossing the Chitina River. Strelna is about 15 miles distant.



Looking down on the Chitina from the O'hara-Farman Prospect. Ink line indicates C.R. & N.W Railway



Scale
1" = 10'

O'Hara-FARMON
Prospect.

