

PE-087-01

IN ANSWERING REFER TO No. _____

PE 87-1

186-1 PE
Jatdez 86
McCarthy 87

DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

The ~~Sistema~~ District.
June 1925.

RECEIVED
JUNEAU
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1.6, 9.6

6°32'N

143°48'W

J.G. Shepard.
U.S. Bureau of Mines.

KL 87-14
87-15

As, Cu

In the country adjacent to Strela, in which great activity formerly took place, very little is being done. Several prospectors are doing assessment work on copper claims in the Kotsina. These claims are in the green-stone and it is my opinion that they are not valuable, partly on account of the unfavorable formation and partly on account of the inaccessableness of their location.

The mines which were the scene of former activity are all idle, not even a watchman being maintained. These properties are mostly in the Nicholai greensone also. The North Midas Copper Co. has two men at work doing assessment which consists of surface stripping. This Mine was last operated in 1921-1922 and some high grade gold ore extracted. Since that time it has been idle. The mine consists of a porphyry vein four feet wide, which has been intruded into an altered limestone. The ore occurs in a shoot some 150 feet long within the vein. The ore minerals are gold-bearing pyrite and chalcopyrite. Assays ran from a few dollars per ton to four hundred dollars. The average of the ore milled was about fifty dollars per ton. The mine was developed by an adit level and a level some seventy five feet above. It was from this upper level that the mill ore was mined. Above this level the ore shoot was completely mined out and carried through to the surface. The vein in the lower tunnel did not carry the high values found above and was not mined.



North Midas Mining Camp.

North Midas Mill.



Surface plant consists of a blacksmith shop and compressor room, and bunk and boarding house, at the mine. Two oil driven compressor of 3000 F. capacity furnished drill power.

A fine continuous aerial tram 4000 feet long, connects the mine with the mill. Milling plant consists of a small jaw crusher, small ball mill, two wilfley tables, two K&K flotation machines and a small oliver filter. Capacity would not exceed 25 tons per Day.