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March 4, 1971

To: Mr. Donald B. Cooley, Senior Geologist

From: Dennis Fischer, Geologist

Subject: Re: Richard Waer Property Examination, Northern
Helvetia Mining District, Pima County,
Arizona - GEOEX Job # 602

On February 27, 1971 Mr. Richard Waer and I went to examine a copper prospect on the north end of the Santa Rita Mountains, Section 29, T. 17 S, R. 16 E. The property consists of four unpatented claims which have been held by Mr. Waer for some thirty five years.

The property is located on the contact between metamorphosed Pennsylvanian limestone and Mesozoic granite. The contact strikes approximately N 30° E and, on the surface, displays a skarn zone about two hundred feet wide. There are several trenches and shallow digging which display much garnet, epidote and pods of chalcopyrite, bornite, pyrite, malachite, azurite and other related copper and iron minerals. The mineralization is localized along northeasterly shear zones which dip steeply to the west and measure about one thousand feet along strike.

The mineralization is believed to be shallow (100 feet) as I found little or no evidence of mineralization in a drift which extends beneath the surface exposures. The drift was driven through granite and andesite? and thin zones of metamorphosed sediments. The contact between the sediments and the granite is not igneous, however, the andesite appears to have intruded both the sediments and the granite as shown in the drift.

In conclusion, the property shows local yet intense mineralization. The property should be looked at in more detail before any recommendations are made.

DF/re: