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P. C. Box 3605 903 University Boulevard Tucson, Arizona 85722

The pression

October 23, 1970

Mr. James E. Gaylor President Universal Copper Company 5613 East Maple Tucson, Arizona

Dear Mr. Gaylor:

I have carefully reviewed the data which you submitted with your letter of September 24th.

It seems, from these descriptions, as well as my own acquaintance with the district in its eastern end, that the ore zones are rather narrow and restricted to faults, and I fear that the potential for large-scale tonnage is therefore limited. Should this company, at a later date, decide to make an investigation into the entire Troy basin area, we may again contact you regarding your property.

I wish to thank you for bringing this property to our attention, and wish you well in your efforts to develop it. I am returning the data which you furni shed, and have made copies for our files in case of future interest.

Yours very truly,

John E. Kinnison Regional Geologist

JEK/bl Encl. b. c. c. Dr. T. F. O'Neil File Blue Dr. T. F. O'Neil Oakland, California

File Blue October 23, 1970 J. E. Kinnison Tucson, Arizona

Troy Basin, Binal County, Arizona

A group of eighty-five claims covering the western portion of the Troy basin area has been submitted by Mr. James E. Gaylor, of Tucson. His submittal was accompanied by a geologic map, compiled from other sources by W. C. Lacy, together with abstracts from several old reports by mining engineers made in years past.

I am advising Mr. Gaylor that we will not examine the property at this time.

The Troy basin area is the locus of a Laramide intrusive of the granitic type, rather than porphyritic. Surrounding the intrusive, which is about a mile in diameter at the surface, are the pre-Cambrian Apache group and the overlying Paleozoic series. There is little or no alteration or mineralization in the intrusive itself. However, several old mines operated from mineralization along sedimentary bedding, and along shear zones in the sediments. The claims submitted by Mr. Gaylor contain the workings of the Pratt tunnel level, and the Alice mine. It appears that, as elsewhere in the district, mineralization is confined to shoots which occur within restricted replacement veins.

Although examination of the Troy area might be desirable further down the line, there is insufficient reason to do so at this time. The data presented by Mr. Gaylor does not change the basic picture of the district.

We have xeroxed Mr. Gaylor's data for our Tucson files.

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