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Identification, access control and factory automation.

February 16, 1990

J.D. Sell

Cruce Property  
Black Mtns. Area  
Pinal County, AZ

The attached article from George Cross News Letter describes the Cruce Gold Prospect in Pinal County, Arizona. This prospect is also known as the Hot Boy Prospect. Asarco examined this prospect in 1969 during porphyry copper exploration. Kinnison reports in his 2-27-69 memo that the prospect is located on a granite andesite contact with spotty copper shows. This contact may be a detachment surface which was unrecognized in the past. Eleven samples were taken but only one showed any gold .015 opt in a high grade copper sample. Mineralization appears to be hosted in a 15-20' wide shear zone which has been repeated by faults. Gold mineralization is thought to be younger than copper mineralization, possibly Tertiary in age. The intercepts reported by Villeneuve Resources indicate a thin high grade zone with considerably very low grade in between. Freeport McMoRan Gold has a very sizeable work commitment in the prospect. We should probably keep abreast of the progress in case Freeport pulls out.

MAM:mek



Mark A. Miller

cc: W.L. Kurtz

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