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ASARCO Incorporated  
Tucson Arizona

J. H. C.  
SEP 15 1975

September 5, 1975

TO: W. L. Kurtz

FROM: F. T. Graybeal

Mine Geology

The numerous reports written over the past 4 years concerning copper reserves at Silver Bell illustrate a more general problem which exists at some of our operating properties. These reports are typical of the unnecessary duplication of effort which results from uncoordinated studies by different geologists.

Ore reserves and general geologic studies at the various operating properties are not generally of direct concern to the exploration department. However, when the end is in sight, as at Buchans, or new reserves are sought, such as oxide copper at Silver Bell, the operators generally come to the exploration department for assistance. This last-ditch reliance on exploration expertise is a strong argument for greater involvement in the ongoing geologic studies made by mine personnel. Systematically gathered data, particularly from areas which are no longer accessible, would be useful during both mine and regional exploration programs.

*F. T. Graybeal*  
F. T. Graybeal

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cc: JHCourtright ✓