

noranda

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MEMORANDUM

Date: July 24, 1991

To: Max Botz and Ray Lazuk
Hydrometrics

From: Nancy Winslow

Subject: New World Project:
- Concerns of Agency Personnel

In discussions with the DSL and USFS, it is apparent that numerous questions related to hydrogeology will be repeated in the next stage of review. Although we will not start addressing questions before the second series of comments on the Permit Application is received from the agencies on August 9, 1991, the substance of their comments made recently should be reviewed in light of your planned studies for the 1991 field season. We apparently need to provide considerably more references, case studies and "hard data" to alleviate the following concerns voiced by agency officials:

1. Tailings impoundment:

- Groundwater flows beneath proposed dam. How much water will the bedrock transmit? Will backpressuring work?

2. Underground mine drainage:

- 18 gpm mine drainage strongly questioned. Does calculation include Homestake deposit?
- will there really be less stream flow in Fisher Creek after portal plugging? Won't the water come out in springs?