Dept. of Natural Resources
Div. Oil, Gas and Mining
Minerals Program

Date: 10/23/92

To: Minerals File

From: Holland Shepherd, Senior Reclamation Specialist

Suject: Discussion with Jason Knowlton Concerning Analytical Results at the STM Silver Reef Mine, M/053/002, Washington County, Utah

I spoke to Jason Knowlton over the phone today. I asked him about the interpretation of the analytical results from the water & soil samples taken at the STM site July & Aug of 1990. He indicated that the Analytical Results Report received 11/8/91 should be considered final and not draft. (dated 10/30/91).

The designation U, in the result table, means the material was below detection limits, the limit is given in the table. The designation J means that the material was detected but the figure given is only an estimate of the quantity and not exact. [J indicates that the material is present but still below detection limits ("contract detection limit").

When evaluated soil problems the levels of problem constituents in a specific material are compared to background levels to establish a red flag designation. There are not established cutoff levels for specific compounds in soils. However, the Superfund Chemical Data Matrix help establish a starting point for type of evaluation.

A Mr. David Moore, Pres. Hidden Vly Utility Users called DERM concerning the closure of a water well down stream from Silver Reef. They are blaming the mine site for the contamination problem.