

3104.1/EJQ/82/08/16/0

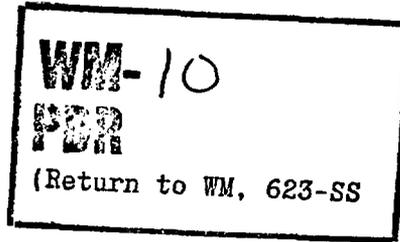
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Distribution: w/o encl.

- ✓ WMHL file
- WMHL r/f
- WM r/f
- NMSS r/f
- JBMartin
- REBrowning
- MJBell
- MRKnapp
- EJQuinn & r/f
- HJMiller
- JOBunting
- TVerma
- RJWright

WMHL: 3104.1¹⁰¹



Mr. Jerry Rowe
 Golder Associates, Inc.
 2950 Northup Way
 Bellevue, WA 98004

Dear Mr. Rowe:

Attached is a copy of the geochemical data we received during our visit to BWIP for the hydrology workshop (July 21-27). The information is preliminary so some inconsistencies may exist in the data. The following clarifications should be noted when using the data:

- 1) The packed interval listed on the chart may not correspond to the packer interval listed on the hydrologic charts. The geochemical intervals have attempted to estimate the water producing portion of the section.
- 2) The distributed alkalinity values may not be calculated consistently from hole to hole. Several different programs were used on the original measurements and RHO is in the process of reviewing these values.
- 3) The pH values reported are measured either in the laboratory (l) or in the field (f).
- 4) The eh measurements are done in the field. They do not necessarily correspond to those predicted from thermodynamic consideration.
- 5) The chemistry for DC 1 is taken from the reports of Lasala and Doty. For this reason little comment can be made on the method of data collection.
- 6) The isotope information is also preliminary. Columns, which are blank, represent techniques which have not yet been used rather than methods eliminated from consideration.

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- 7) The C¹⁴ measures represent relative rather than absolute ages. RHO is in the process of correcting the data to obtain age dates.

The instructions for data use will be contained in a letter from your contract manager.

Sincerely,

ORIGINAL SIGNED BY

Ellen J. Quinn
 High-Level Waste Licensing
 Management Branch
 Division of Waste Management

Enclosure:
 As stated

*same end as
 8-16-82 HRT
 R. Williams*

"Pre-Decisional in Nature"

RB 8/17/82

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