NYE County NWRPO -Technical Data Report

RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description
4079	Shettel	GMII	QARC	Nye	H2O	Isotope Data reported by Geochron Laboratories on March 25, 1999 to GMII for EWDP "First Occurrence of water" samples (hydrogeochemistry)

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Data Originator Preparer
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Title of Data
Isotope Data reported by Geochron Laboratories on March 25, 1999 to GMII for EWDP "First Occurrence of Water" Samples 12/12/1998 to 1/27/1999 (hydrogeochemistry)

Description of Data
An MS Excel file (GL1396.xls) contains site names, sampling dates, stable isotope ratio analyses (SIRA) for oxygen, hydrogen, carbon, and sulfur, GMII sample IDs, laboratory IDs, and sample depths. Sample numbers correspond to analysis run. Some samples have duplicate analyses on separate aliquots of the original sample designated by a second column for the analysis.

Data Collection Method
Samples were bailed with an HDPE bailer through the drill string, collected in 60 mL glass bottles (for del D and del 18-O) or 1 liter HDPE bottles for carbon and sulfur, labeled in the field, and shipped to laboratory from the office.

Data Location(s)
Nye County Early Warning Drilling Program well sites NC-EWDP-1S -1DX, -3D, and -9SX at specified depths.

Data Collection Period(s)
12/12/98 to 1/27/99

Data Source(s)
Original Geochron Lab analyses in RID 1396 and GMII field geochemistry notebook.

Data Censoring
None

Data Processing
Laboratory performed data reduction; data compiled into spreadsheet for distribution by D.L. Shettel of GMII. Note that lab. report specifies GMII sample 981212-95-3 for HOR-99826 which is actually 981212-9s-3; sample specified as 990115-95x-1 on lab. report for HOR-99827 is actually GMII sample 990115-9sx-1. Similarly, lab. report specified GMII sample 990115-95x-4 for CR-99828 and SR-99828, but actual sample is 990115-9sx-4.

Data Limitations
"First water of occurrence" samples are only useful for comparison with later samples from developed producing wells (only later data publishable). Uncertainty on stable isotopic ratio analyses (SIRA) are plus/minus 0.1 per mil (o/oo with respect to specified standard); del D uncertainty is plus/minus 1.0 per mil.

Any reference to NC-EWDP-9S should be NC-EWDP-9SX.

Governing QA Docs.
TP-8.1

Frequency of Transmittal
As required by PI

Direct Questions About Data To-
NWRPO QA Records Center