NYE County NWRPO -Technical Data Report

NTE County NWKPO - Technical Data Report							
RID N	O. Transmitter	Org.	Receiver	Org.	Key word1	Title/Description	
7407	Gilmore	NWRPO	QARC	Nye	23P	NC-EWDP-23P Alluvium Logging Forms	
Doc. Date	10/29/2007 General Doc. 1	Type QA Program D	pe QA Program Doc		Keyword2 Cuttings		
Entry Date	1/30/2008 Detailed Doc. 7	Alluvium Logging	Keyword3 geology				
Data Originator	Kathy Gilmore						
Preparer Title of Data	NC-EWDP-23P Alluvium Logging Forms						
Description of	"Drill cuttings logging reports exported from drilling database (NC Drilling v3.6.mdb) in .pdf format (Alluvium Logging Form from 3/9/02 to 7/9/02).						
Data Data Collection	Samples collected during reverse circulation drilling of 23P.						
Method							
	NC-EWDP-23P						
Data Collection Period(s)	3/9/02 to 7/9/02						
Data Source(s)	Drill cuttings samples and measurement).	samples and Nye County NWRPO laboratory data that includes grain size distribution (sieve data) and hydrometer data (silt/clay nt).					
	Supporting Data: RIDs 5134, 5527, 6756						
Data Censoring	Particle size distribution data and USCS Group Name on Alluvium Logging Form. Water Production data for interval 435 to 1340 ft.; data recalculated for interval 435 to 1200 ft. in RID 5527.						
Data Processing	Data from field logging forms were entered into the drilling database, reviewed, and transmitted to the QARC.						
Data Limitations							

The Alluvium Logging Form includes preliminary field estimates of grain size distribution for the approximately 1340 ft of alluvium penetrated. The estimates are made on every 2.5 and 5 ft sample intervals and used for preliminary layering information and general planning of wells and screen intervals prior to receipt of laboratory data. These field estimates of grain size distribution should not be considered representative of the geologic samples. However, grain size distribution data determined by laboratory analysis on every second 2.5 ft sample and every 5 ft sample interval are considered representative of the geologic samples. Therefore, particle size distribution and USCS name are censored.

Sample disturbance is considered less in this borehole drilled with reverse circulation methods than in boreholes using conventional circulation (e.g.

drying.

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Org. RID No. **Transmitter** Receiver Org. Title/Description Key word1 NC-EWDP-22PA and -10P). In addition, sample disturbance is considered less in this borehole than in NC-EWDP-22PB drilled with the same reverse circulation methods because major sample handling problems in the saturated zone were avoided. TP-8.0, Field Logging and Handling of Borehole Samples, Revision 3, 09/25/01, Section 5.5 Governing QA Docs. once per borehole Frequency **Transmittal Direct Questions** NWRPO QA Records Center **About Data** To-