NYE County NWRPO -Technical Data Repo	ort
---------------------------------------	-----

RID N	o. Transm	nitter	Org.	Receiver	Org.	Key word1	Title/Description			
7264.				QARC	Nye	24PB	NC-EWDP-24PB Alluvium and Non-Alluvium Drill Cuttings Logging Forms			
1	12/19/2008 12/30/2008	General Doc. Type Detailed Doc. Type	C C		Keyword2 geo Keyword3 _{log}	logic				
Data Originator Preparer Title of Data		blogic Staff 4PB Alluvium and	Non-Alluvium D	rill Cuttings Lc	ogging Forms					
Description of Data		logging reports exp Drill Cuttings Log				6.mdb) in .pdf	format (Alluvium Drill Cuttings Logging Form and			
Data Collection Method	Drill cuttings samples described on the geologic field logging forms during drilling of borehole.									
	NC-EWDP-24PB									
Data Source(s)	Geologic log	ging of drill cutting	S.							
	Field Scientific Notebooks # 171, Pages 18 to 25 (RID 7099) and # 172, Pages 1 to 47 (RID 7005) describe general drilling conditions; original field drill cuttings logging forms (RID 7264); and archived drilling database (RID 7561).									
Data Censoring	Density data	recorded on the A	lluvium Drill Cutt	ings Logging	Forms.					
Data Processing		ld logging forms w	ere entered into	the drilling da	tabase, review	ed, and databa	ase reports were transmitted to the QARC.			
Data Limitations	Data Cansoring and Data Limitations (as described) have changed from the original field forms (RID, 7264)									

NYE County NWRPO - Technical Data Report

RID No.	Transmitter	Org. Receiver	Org.	Key word1	Title/Description							
m Tr sa cc sp	where water production is low. In underlying saturated alluvium this drilling impact renders particle size distribution data useless. The Alluvium Logging Form includes preliminary field estimates of grain size distribution for the 405 ft of alluvium penetrated. The estimates are made on every 2.5 foot sample interval and used for preliminary layering information and general planning of wells prior to receipt of laboratory data. These field estimates of grain size distribution as well as USCS group symbol data should be considered reasonably representative of geologic samples and have not been censored. Grain size distribution data determined by laboratory analysis on every second 2.5 foot sample interval are considered representative of the geologic samples. In addition, some sample handling disturbance may have been introduced into samples by: 1) material accumulating on wet drill pipe and rotating splitter during wet drilling; 2) unsaturated zone sample homogenization process and sample splitting. Sample weights in sample density data do not include material that is lost to winnowing of unsaturated fines (dust) or material that was "cleaned out" of the borehole after each 20 ft drill run. Therefore unsaturated zone sample weight data is not representative of the volume of the borehole											
sa	In the upper section of the sample and maintain a clean dri	aturated zone from 417.5 to Il string as the drilling air w	478 ft, the wate as suppressing v	water flow from	ta was estimated. Injection water was required to lift the the formation. Beginning at 478 ft, timed volume water							
	sts were conducted generally Evaluations of cementation a aterial are not available in cutt	and structure as recorded of			er. to accurately determine because intact pieces of in-situ							

In summary, laboratory measurements of grain size distribution of alluvium drill cuttings in this borehole are considered to be modified to some extent from in situ conditions due to a number of drilling related factors. However, for the most part these factors were unavoidable. Disturbance from sample handling related factors is considered minimal. Except for censored data mentioned above, geologic drill cutting samples from NC-EWDP-24PB are considered approximately representative of in situ conditions. The geologic data recorded in these geologic logs are used to produce a Summary Lithologic Log.

Governing TP-8.0 Rev. 5, TP-7.0 Rev. 3 QA Docs.

Frequency Once per borehole/well of Transmittal

Direct Questions About Data to -

NWRPO QA Records Center