



DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
55		8"		50-60': Lt tan-gy silty clay w/ very minor fine sand.
60		B O R E		60-70': 20% gy-tan silty clay, 80% lt-med gy cohesive clay (hard).
65		H O L E		70-80': Med gy cohesive clay (hard) w/ minor silt and very fine sand.
70		W I T H		80-90': AA
75		2"		90-100': AA until about 96'. Then hard layers alternating with softer clay. Hard layers are semi-lithified, well sorted, very-fine-fine brn sandstone. Some crs-very crs sand (mainly basaltic) and minor very fine-fine pebble gravel also present. (99-100') Med gy clay and med-very crs angular-subangular sand (mostly basaltic).
80		S C H		100-110': Dk gy vesicular basalt w/ some calcite infilling. Lt-med gy clay also present near top and decreasing with depth
85		8		110-120': Basalt AA w/ minor gy clay.
90		0		120-130': AA
95	o	P V C	Hard drilling about 96 ft. Top of basalt flow 99-100 ft. Switch from 7.875" drag bit to 7.875" TCI tricone bit at 104 ft.	130-140': Basalt AA w/o clay.
100				140-150': Basalt AA w/ minor gy clay.
105				
110				
115				
120				
125				
130				
135				
140				
145				

DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
		8"		150-160': Basalt AA w/o clay.
155		B		
		O		
160		R		160-170': AA
		E		
165		H		
		O		
170		L		170-180': AA to 179', then as described for
		E		180-190'.
175		W		
		I		
		T		
180		H		180-190': Mix of lt tan-white shale chips, orng-brn
		2"		shale chips, and orng-brn clay. Most chips 2-3mm.
185		S		
		C		
		H		
190		8		190-200': Gy-tan and lt gy clay w/ some crs grains
		0		of shale and basalt (probably from flow above).
195		P		
		V		
200		C		200-210': Lt gy cohesive clay.
205				
210				210-220': 50% lt gy cohesive clay, 50% brn-tan
				silty clay. Minor small shale chips.
215				
220				220-230': AA
225				
				Cored (Shelby Tube) 220-223'. Switch from 7.875" TCI
230				tricone bit to 7.875" drag bit at 220 ft.
235				230-240': AA
240				240-250': (Poor returns) Clay AA w/ some med-crs
				sand and minor very crs subangular-subrounded sand
245				(basaltic and other types).



