





DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
155	 : : : : : 	X X X X	X X X X	150-160': basalt/sand/clay, mostly lt tan clay w/red brn basalt clasts, clay w/ tan, qtz sand & some basalt clasts, sand is med grn (1/4 - 1/2 mm), subround
160	: : : : : ----- : : : : : -----	X X X	X X X pump cement to seal H2O flow, set 48 hrs plus	160-170': AA, poor returns
165	: : : : : : : : : :	\ \	----- begin 6-in hole w/PDC bit to TD	Note: bottom of 6-in liner at ~165 ft
170	----- -----	\ \	----- annulus to TD filled with Bentonite grout (30% solids)	170-180': AA
175	----- -----	\ \	6" B O R E	
180	----- -----	\ \	H O L E	180-200': clay, tan/brown to gray/green, mixed w/ cement, poor returns/sample
185	----- -----	\ \	W I T H	
190	----- -----	\ \	2" S C H	
195	----- -----	\ \	8 O P V C	
200	----- -----	\ \		200-210': clay, green-gray, hydrated
205	----- -----	\ \		
210	----- -----	\ \		210-220': AA
215	----- -----	\ \		
220	----- -----	\ \		220-230': AA
225	----- -----	\ \		
230	----- -----	\ \		230-240': AA w/minor lt tan/gray clay
235	----- -----	\ \		
240	----- -----	\ \		240-250': AA
245	----- -----	\ \		

DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
255		\\     \\		250-260': AA
260		\\     \\		260-270': AA
265		\\   6"   \\		
270		\\   B   \\		270-280': AA
275		\\   O   \\		
280		\\   R   \\		280-290': AA
285		\\   E   \\		
290		\\   H   \\		290-300': AA, w/minor lt gray clay
295		\\   2"   \\		
300		\\   S   \\		300-310': AA, w/some tan clay
305		\\   C   \\		
310		\\   H   \\		310-320': Clay and silty clay, tan to green-gray
315		\\   P   \\		
320		\\   V   \\		320-330': clay, blue gray
325		\\   C   \\		
330		\\     \\		330-340': AA
335		\\     \\		
340		\\     \\		340-350': AA
345		\\     \\		

DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
355		6"		350-360': clay, blue gray
360		B O R E		360-370': AA
365		H O L E		370-380': AA
370		W I T H		380-390': AA
375		2"		
380		S C H		390-400': clay, blue gray w/minor coarse sand
385	.....	8		
390	.....	0		
395		P V C		400-410': clay, blue gray
400				
405				
410				410-420': AA
415				
420				420-430': clay, blue gray w/some medium-coarse sand
425	.....			
430	.....			430-440': AA
435	.....			
440				440-450': clay, blue gray
445				

DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
455		6"		450-460': clay, blue gray
460		B O R E		460-470': clay, gray to tan
470		H O L E		470-480': AA
480		2"		480-490': AA
490		S C H		490-500': AA
500		8 0		500-510': AA
510		P V C		510-520': AA
520	:::~::~			520-530': clay, blue gray to tan w/minor med-grn sand
530	:::~::~			530-540': AA
540	:::~::~		slow drilling, hard	540-550': clay AA, w/sand, med-grain, qtz
545	:::~::~			







DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
755	----- : : : : : : : : -----	6" B O R E		750-760': clay, tan w/med grained sand
760	----- : : : : : : : : -----	H O L E		760-770': clay, tan to red brn w/minor black grit
770	----- ----- -----	W I T H		770-780': AA
780	----- ----- -----	2" S C H		780-790': AA (poor sample)
790	----- ----- -----	8 O P V C		790-800': AA
800	----- ----- -----		drill 6 ft rat hole for E-logs	800' total depth of samples
805	----- ----- -----			TD: 806 ft
810	----- ----- -----			Note: 2" PVC sealed at bottom; annulus filled with Bentonite grout (30 percent solids)
815	----- ----- -----			
820	----- ----- -----			
825	----- ----- -----			
830	----- ----- -----			
835	----- ----- -----			
840	----- ----- -----			
845	----- ----- -----			