

Dc53-173

WELL 20

SURFACE ELEVATION +22.8 FEET
TOP OF PVC CASING + 24.81 FEET
COORDINATES: N 581,276 FEET
E 441,178 FEET

DEPTH IN FEET	BLOW COUNT	SYMBOLS	DESCRIPTIONS
0	36	ML CL	BROWN SILTY CLAY (STIFF)
10	15	SM ML	YELLOW BROWN TO RUST BROWN MICACEOUS (STRATIFIED THIN LAYER 1/4" TO 1"), FINE SAND AND SILT, TRACE-LITTLE CLAY (MEDIUM DENSE)
20	16		GRADING MORE SANDY GRADING ORANGE BROWN
30	38		GRAVELLY ZONE (1 FOOT) YELLOWISH BROWN MICACEOUS MEDIUM TO FINE SAND AND FINE GRAVEL, TRACE TO LITTLE SILT (DENSE)
40	51		GRAVELLY ZONE (1 FOOT) GRADING ORANGE BROWN, TRACE FINE GRAVEL
50	48		GRAVELLY ZONE GRADING WITH COARSE GRAVEL
60	31	SM GM	GRADING TO 2" BLACK LAYER, THEN TO ORANGE BROWN, MORE GRAVEL
70	50		GRAVELLY ZONE (2 FEET) (VERY DENSE)
80	174		GRADING YELLOW BROWN GRADING DARKER BROWN NEAR BOTTOM OF SAMPLE
80	87		GRADING REDDISH BROWN
80	78		HOTTLED WHITE, RED AND TAN SILT, TRACE TO LITTLE FINE SAND, TRACE CLAY (VERY STIFF)
80	53		
80	31		
80	49	ML	

Qc1
75'
Kpt

LENGTH OF WELL SCREEN

COLUMBIA FORMATION
MAGOTHY FORMATION

- NOTES**
- BORING TERMINATED AT 76.0 FEET ON SEPT. 23, 1980.
 - "REVERT" DRILLING MUD USED.
 - BOTTOM OF BOREHOLE -- 76.50 FEET
CAVE IN FROM 74.0 FEET TO 76.5 FEET
4" PVC CASING WITH 0.02" SLOTS FROM 12.0 FEET TO 74.0 FEET
GRAVEL PACK FROM 10.0 FEET TO 74.0 FEET
BENTONITE SEAL FROM 9.5 FEET TO 10.0 FEET
GROUT FROM 9.5 FEET TO SURFACE
STICK UP OF STEEL CASING +1.98 FEET
STICK UP OF PVC CASING +1.97 FEET
 - GROUND WATER AT AN ELEVATION OF 8.71 FEET ON SEPTEMBER 29, 1980.

*DEPTH OF BOTTOM OF BOREHOLE INCREASED DURING FLUSHING OF BOREHOLE

WELL LOGS AND CONSTRUCTION DETAILS