MONITORING WELL COMPLETION LOG GRN01-0586

PROJECT UMTRA GROUND WATER
LOCATION GREEN RIVER, UT
SITE GREEN RIVER
WELL NUMBER 0586

NORTH COORD. (FT) 237556.77
EAST COORD. (FT) 2387385.44
HOLE DEPTH (FT) 170.00
WELL DEPTH (FT) 166.50

DATE DRILLED 08/23/1986 to 09/07/1986
SURFACE ELEV. (FT NGVD) 4142.40
TOP OF CASING (FT) 4143.40
MEAS. PT. ELEV. (FT) 4143.40
SLOT SIZE (IN) 0.050
BIT SIZE(S) (IN) 9.0 / 7.88

	WELL INSTALLATION	INTERVAL (FT)		
SURFACE CASING:	8.75 in. Steel	-1.0	to	18.6
BLANK CASING:	4 in. PVC Sch 40	-1.0	to	144.5
WELL SCREEN:	4 in. Slotted PVC	144.5	to	164.5
SUMP/END CAP:	4 in. PVC Sch 40	164.5	to	166.5
SURFACE SEAL:				
GROUT:	Cement - Bentonite	0.0	to	126.5
SEAL:	Bentonite Pellets	126.5	to	134.5
UPPER PACK:				
LOWER PACK:	8-12 Silica Sand	134.5	to	166.5

DRILLING METHOD AIR ROTARY -- TRI-CONE BIT
SAMPLING METHOD AUGER CUTTINGS
DATE DEVELOPED 09/09/1986
WATER LEVEL (FT BGS)
LOGGED BY Phyfe, L.
REMARKS

DEPTH (FT BGL)	ELEV. (FT NGVD)	BLOW COUNTS	SAMPLE ID.	EXTENT	WELL DIAGRAM	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
	4140						0-13.5 ft. ALLUVIUM: GRAVELLY SAND (SP-GP); fine sand and fine gravel.
10	4130						
							13.5-170.2 ft. CEDAR MOUNTAIN FORMATION: 13.5-15.5 ft. SANDSTONE; fine to very fine grained, gray to white. 15.5-25.0 ft. CONGLOMERATE; with conglomeratic sandstone, grayish white to black.
20	4120						
							25.0-33.0 ft. MUDSTONE; shale, gray to purple.
30	4110						
							33.0-68.0 ft. SANDSTONE; fine to very fine grained, well sorted, clean, light brown to gray.
40	4100						
50	4090						

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SITE GREEN RIVER **DATES DRILLED** 08/23/1986 to 09/07/1986

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DEPTH (FT BGL)	ELEV. (FT NGVD)	BLOW COUNTS	SAMPLE ID.	EXTENT	WELL DIAGRAM	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
	4080				Bentonite Grout		@65.0 ft. becoming moist.
70							68.0-71.0 ft. CLAY/SHALE; light blue, high plasticity, wet.
	4070						71.0-145.0 ft. SHALE; fissile, and indurated, blue green to purple, occasional fine sand interbeds, light gray.
80							
	4060						
90							
	4050						
100							
	4040						
110							
	4030						
120							
	4020						
130					Bentonite Pellets		@128 ft. high plasticity clays.
	4010				8-12 Silica Sand		

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140	4000				PVC Sch 40		
							145.0-170.0 ft. SANDSTONE; fine to very fine grained, clean, well sorted, quartz sand, light gray.
150	3990				0.050" Slotted PVC		@153.0 ft. sandstone becoming coarse to medium grained.
160	3980						
170					Slough		Total Depth 170.0 ft.
	3970						
180	3960						
190	3950						
200	3940						
210	3930						