BEST COPY AVAILABLE

COMPUTER INVENTORIED

GEOLOGICAL LOG — HOLE NO. Q-12

John Redmond — DAM SITE — SHEET 1 OF 2 SHEETS

LOCATION Sta. 135'S, 350'W. of NE corner Sec.11, T21S, R15E — SIZE OF CORE 4" & NX

ELEV. SURFACE 1105.0 — WATER TABLE ELEV. Not Determined

ELEV. TOP OF ROCK 1089.0 — DRILLED BY C of E

ELEV. BOTTOM OF HOLE 1002.8 — DRILLING DATES April 21, 1960

ELEVATIONS	DEPTH	SCALE	SYMBOL	DESCRIPTION OF MATERIALS	REMARKS AND SUBSURFACE WATER DATA	CORE BOX
1105.0	0.0			Surface		
				OVERBURDEN	Rock Bit 0.0'-17.1'.	
1089.0	16.0			Top of Rock		
1083.6	21.4			SANDSTONE, Soft, weathered, micaceous, with shale streaks, tan. 1.2' core loss (17.1'-18.5' dist.)	Coring 4" @ 17.1'	1
1075.9	29.1			SHALE, mod. soft, weathered, gray.	Stull? or Jackson Park?	2
						3
1070.6	34.4			LIMESTONE, mod. hard, fossiliferous, gray Irregularly bedded shale streaks 30.9'-32.5'.	~~Clay~~ Kerford	4
1067.8	37.2			SHALE, very hard, with alternating bands of siliceous limestone. Fossiliferous 36.8'-37.1'.		5
	40				NX core below 37.1'	
				SHALE, mod. hard to mod. soft, gray. Calcareous lenses above 43.4' Fossiliferous 61.6'-62.1', and below 66.1'.	~~Jackson Park~~	6
	50				Heumader	
	60					7
1037.8	67.2					
	70			LIMESTONE, mod. soft to mod. hard, fossiliferous, shaly, gray. Very shaly 71.6'-72.9'.	~~Kerford~~	
1028.8	76.2			SHALE, mod. hard, fossiliferous, gray.	~~Heumader~~	8
1027.1	77.9			LIMESTONE, mod. hard, fossiliferous, with thin wavy shale seams, light gray. Shaly above 78.8'. Stylolite 84.9'. Shale, mod. soft 85.0'-85.6'.	Plattsmouth	
	80					
1013.9	91.1			SHALE, mod. hard, brittle, carbonaceous, with thin silty layers, black.	Heebner	
1011.8	93.2			LIMESTONE, mod. hard, fossiliferous, gray Shaly below 94.0'.	Leavenworth	9
1010.7	94.3			SHALE, mod. soft, dark gray. Silty, mod. hard, with limestone inclusions, (Cont'd)		
	100					10

COMPUTER INVENTORIED

BEST COPY AVAILABLE

GEOLOGICAL LOG HOLE NO. Q-12

John Redmond 5 DAM SITE SHEET 2 OF 3 SHEETS

LOCATION 135'S, 30'W. of NE Corner Sec.11, T21S, R15E. SIZE OF CORE 4" & NX

ELEV. SURFACE 1105.0 WATER TABLE ELEV. Not Determined

ELEV. TOP OF ROCK 1089.0 DRILLED BY C of E

ELEV. BOTTOM OF HOLE 1002.8 DRILLING DATES April 21, 1960

ELEVATIONS	DEPTH SCALE	SYMBOL	DESCRIPTION OF MATERIALS	REMARKS AND SUBSURFACE WATER DATA	CORE BOX
1005.0	100.0		(Cont'd)		
1003.0	102.0		greenish-gray below 101.1'.		10
1002.8	102.2		LIMESTONE, mod. hard, fossiliferous, gray, with greenish-gray shale seams.		
			Bottom of Hole		