NUCLEAR LOG

TYPE: Natural Gamma DATE: 8-23-78

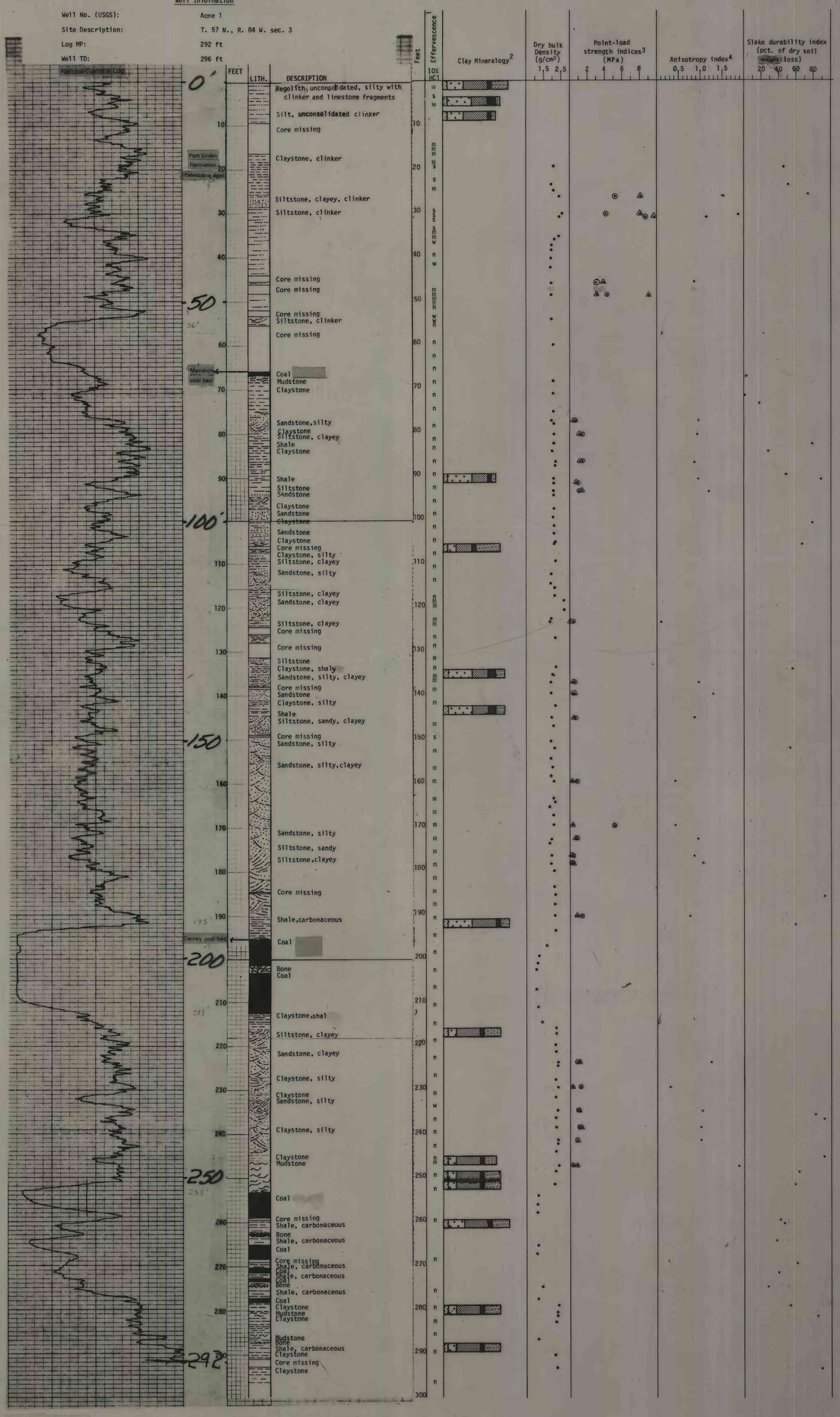
Figure 2.--Summary of the geophysical, geologic, and geotechnical properties of the core from the drill hole at the Acme Fire-Pit-1.

Logging Information

Operator(s):	Mr. Hayes
Tool Type:	Log-Master
Detector Type:	Scintillation
Logging Speed:	15 ft/min
Log Vertical Scale:	10 ft/in.
Remarks:	Logged through NX Core Rods

Well Information

Well No. (USGS):	Acme 1
Site Description:	T. 57 N., R. 84 W. sec. 3
Log MP:	292 ft
Well TD:	296 ft



EXPLANATION

Sandstone
Siltstone
Shale
Claystone
Mudstone
Coal
Bony Coal
Crossbedded
Nodules
Slickensides

[1]Effervescence
n-none
w-weak
m-moderate
s-strong

[2]Clay Mineralogy
Scale and Lithologic Symbols
Trace mineral(s), less than 10 percent
Minor mineral(s), 10-20 percent
Secondary mineral(s), 20-40 percent
Primary mineral, 40-60 percent
Montmorillonite
Illite
Kaolinite
Chlorite
Mixed Layer

[3]Point-load strength index (MPa)
▲ Tested parallel to bedding
● Tested perpendicular to bedding

[4]Anisotropy index
▲/●