



### SYMBOL EXPLANATION

ENGINEERING PARAMETERS	
PI — plasticity index	ASTM: D 422 (1972)
minus 200 — percent passing #200 sieve	ASTM: D 423
W/C — percent moisture	ASTM: D 424 (1971)
g d — dry density	ASTM: D 2216-71
SAMPLE TYPE	
— Drive Sample	
— Pitcher Tube Sample	
95 — NX Core, Number Indicates % Recovery	
63 — Standard Penetration Test, "N" value	ASTM: D 1586-67
CARBONATE CONTENT	
— No Reaction	
— Slightly Reactive	
⊕ — Moderately Reactive	
⊕ — Highly Reactive	
(based on sample reaction to a 10% HCl solution)	
UNITS	
Units column refers to general stratigraphic divisions identified within the basin sediments.	

**PALEOMAGNETIC POLARITY**  
Inclination of remnant magnetic vector in general agreement with (⊕) or opposition to (⊖) the present magnetic field.  
⊖ — Magnetic vector indeterminate  
Paleomagnetic Reversal — R 126 10 827 — depth — elevation

**DESCRIPTIONS**  
Lithologic descriptions were compiled from geologists' field logs, laboratory test data, and down-hole geophysics. Field logs were prepared in accordance with ASTM: D2488-69. Classifications based on laboratory test data are in accordance with ASTM: D2487-69. Rock descriptions follow procedures outlined in the QUARTERLY OF THE COLORADO SCHOOL OF MINES, Volume 50, No. 1. Descriptions for rotary borings are based upon cuttings samples, geophysical logs and drillers' comments.