



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 2916-71

**SAMPLE TYPE**

— Drive Sample  
— Pitcher Tube Sample  
95 — NX Core, No. 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  
IO 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 D2486-69. 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.