



**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)  
 % d — dry density ASTM: D 2216-71
- SAMPLE TYPE**  
 — Drive Sample  
 — Pitcher Tube Sample  
 95 — NX Core, No. Indicates % Recovery  
 63 — Standard Penetration Test, "N" value ASTM: D 1586-67

- 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 — depth  
 IO 827 — elevation

- 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.

**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.