



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*
- 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

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.