



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

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.