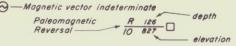


PI — plasticity index minus 200 — percent passing #200 sieve W/C — percent moisture 8 d — dry density SAMPLE TYPE Drive Sample Pitcher Tube Sample Pitcher Tube Sample Standard Penetration Test, "N" value ASTM: D 422 (1972) ASTM: D 423 ASTM: D 424 (1971) ASTM: D 2216-71 ASTM: D 2216-71 ASTM: D 2216-71 ASTM: D 226-71 CARBONATE CONTENT - No Reaction - Slightly Reactive - Moderately Reactive - Highly Reactive

(based on sample reaction to a 10% HCl solution)

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.