LEGEND - CLAUDE H. HURLEY COMPANY TEST BORING LOGS

A-1 to A-8 (and subgroups)	Engineering classifications of soil in accordance with AASHTO M 145 standard specification.	Q _u , kPa
Silty Clay Loam	Textural classification of soil in accordance with IDOT Triangular Chart.	w, %

Textural and engineering classification of bedrock in Laminated Coal Shale accordance with conventional practice.

N,Bp0.15m N-value or standard penetration test value. Number of Yd, kgpm³ blows required to drive a standard split-spoon sampler 0.15 m as conducted in accordance with AASHTO T 206 standard specification.

Unconfined compression strength of soil in kilopascals determined in accordance with AASHTO T 208 standard specification. Natural moisture content of soil and bedrock in percent determined in accordance with AASHTO T 265 standard specification and AASHTO T 265/ASTM D 2216 for

Dry unit weight of soil and bedrock in kilograms per cubic WC meter determined in accordance with standard practice.

bedrock.

GROUNDWATER DATA DRILLING METHOD DD Water Level During FA Flight Auger Drilling RW Rotary Wash BAR Water Level Before HSA Hollow Stem Auger Auger Removal AAR Water Level After SAMPLE TYPE Auger Removal Dry Cave Level AU Auger SS Standard Split-barrel ST Thin-walled Tube Wet Cave Level Days DB Core Barrel Hours

NOTES:

1. The abbreviations, Legend are commonly

2. The Geotechnical Data presented in this Legend and on the Boring Logs are to be interpreted by personnel educated, trained, experienced and licensed to practice Geotechnical Engineering, and in direct communication with the Claude H. Hurley Company.



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engineering and construction practices and are presented only for information and communication.

> ILLINOIS DEPARTMENT OF TRANSPORTATION RAMP K-2 OVER MAIN ST & RAMP J-3 F.A.I. ROUTE 74 (1-74) SECTION 90-IIHB-5 SOIL BORING LOG SB-303

alfred benesch & company

SN: 090-0156 TAZEWELL CO., IL. STA. 10+529.222 DATE: 12-23-04