

Ted Wynne Engineering/Contractor, Inc.

417 WELSHWOOD DRIVE • SUITE 114 • NASHVILLE, TN 37211

PHONE: 615- 331-7660 • FAX: 615- 333-0764

January 9, 2002

Mr. William D. Stalker
Market Manager- Large Commercial Products & Services
Tennessee Valley Authority
535 Marriott Drive, HRT108-401
Nashville, Tennessee 37214

Re: Montessori Academy
Brentwood, Tennessee

This office performed a thermal conductivity test on one (1) 200 feet deep, 6 inch diameter vertical bore, backfilled with drilled tailings, January 8, 2001. The following information was derived from test data:

Thermal Conductivity	1.50 BTU/HR-F
Ground Temperature	59.0 F

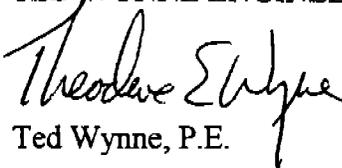
We feel that based on our observation of the terrain, and the Driller's log that the backfill material bridged, thus reducing the performance of the test hole below what we would normally expect based upon the formation and past test results from this region.

The driller's log is enclosed herewith. According to the Driller's Log submitted to our office the bore hole penetrated one water source, thus our office recommends that any future holes drilled should be Grouted to prevent transfer of water from one elevation to another or from surface water.

Please let us know if any additional information is needed.

Sincerely,

TED WYNNE ENGINEERING CONTRACTORS, INC.


Ted Wynne, P.E.

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