



*Ted Wynne Engineering/Contractor, Inc.*

417 WELSHWOOD DRIVE • SUITE 114 • NASHVILLE, TN 37211  
PHONE: 615-331-7660 • FAX: 615-333-0764

May 4, 2001

Mr. Bill Stalker, Project Manager Energy Services  
Tennessee Valley Authority  
Building 1, Suite 300  
Nashville, Tennessee 37211

Re: East High School  
Jackson, Tennessee  
Dear Sir:

This Office performed a Thermal conductivity test on two (2) 150 feet deep, 6 inch diameter vertical bore, backfilled with drilled tailings, April 30 & May 1, 2001. The following data was derived from test data:

→ Hole Test A (14 hour test)

Thermal Conductivity	1.70 BTU/HR-F
Ground Temperature	59.6 F

Hole Test B (24 hour test)

Thermal Conductivity	1.75 BTU/HR-F
Ground Temperature	59.6 F

We feel that based on our observation of the terrain, the above is representative of the area where field bores will be located for this project.

A copy of the Driller's Log is attached indicating the anticipated site earth formations, also enclosed is a summary of data retrieved from hole test to perform our Thermal Conductivity Calculations.

Please contact us if any additional information is needed.

Sincerely,

TED WYNNE ENGINEERING CONTRACTORS, INC.

  
Ted Wynne, P.E.



EAST HIGH SCHOOL  
JACKSON, TN.

# Kee's Well Drilling Service & Supply

ELMER KEE  
151 LONNIE HOLT ROAD  
MEDINA, TN 38355  
PH. 783-3840

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DATE 5-3 19 01

CUSTOMER'S NAME T. V. A.

ADDRESS 535 Marriott Dr.

TERMS Nashville, Tenn. 37214-2810  
615-232-6804

Pump Hp.	Depth	Water Level	Depth to Pump	Tank Size
QUANTITY	DESCRIPTION			AMOUNT
# 1	15 ft top soil			
	15 ft soil + sand			
	next 105 ft C. clay			
	6" rock sand to 150'			
# 2	15' top soil			
hole	135' sand		Total footage 300'	
			Amount Paid	
			Balance Due	

TOTAL P. 02