MAXIM
TECHNOLOGIES INC

0060030

H2154

5 June 2003

Mr. Kevin Johnson
Eberline Analytical Corporation
DBA Eberline Services
4501 Indian School Road, NE Suite G-105
Albuquerque, NM 87110

JUN 2003 6/17/03
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Re: Geotechnical Data

Mr. Johnson:

Please find the enclosed geotechnical data reports corresponding to the analysis of samples received at the Maxim Technologies, Inc. St. Louis facility.

These reports include grain size distribution plots, moisture content and specific gravity results.

A copy of this report was also sent to Mr. Stephen Trent, Fluor-Hanford.

Should you need any additional information, please contact Mr. David Germeroth or the undersigned at (314) 426-0880.

Sincerely,

Paul J. Smith
Analytical Services, Coordinator

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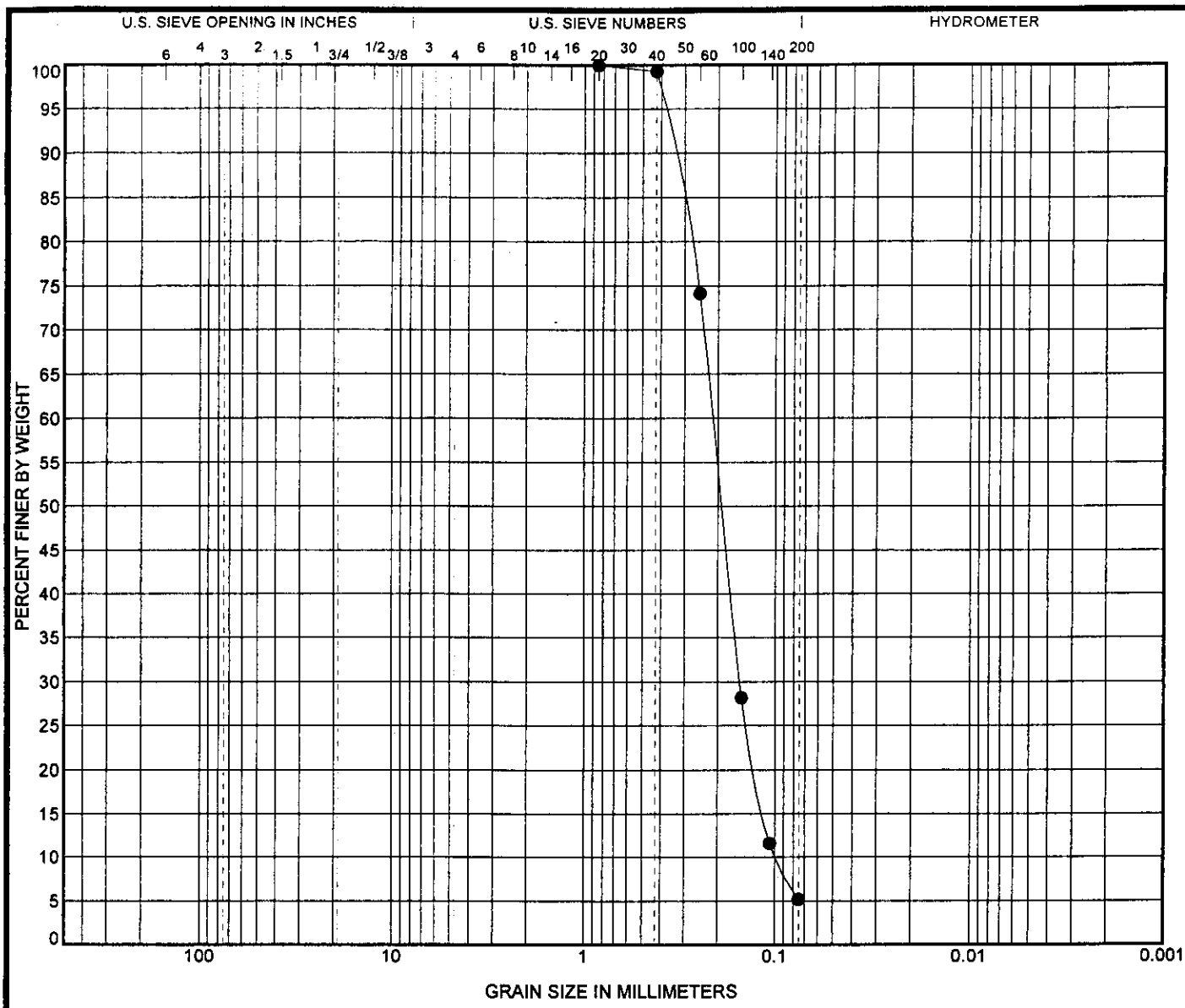
AUG 1 1 2003
EDMC

1908 Innerbelt Business Center Drive • St. Louis, MO 63114-5700 • 314-426-0880 • 314-426-4212 FAX



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	030527001-001	0.0	Soil				1.13	2.20
	B16T47							

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	030527001-001	0.0	0.85	0.214	0.153	0.097	0.0	94.7	5.2	

MAXIM

Maxim Technologies, Inc.
1908 Innerbelt Business Center Drive
St. Louis, Missouri 63114
Telephone: 314-426-0880
Fax: 314-426-4212

GRAIN SIZE DISTRIBUTION

Project: Eberline

Location: St. Louis

Number: 9905093

US_GRAIN SIZE_EBERLINE.GPJ US_LAB.GDT 6/5/03

Maxim Technologies, Inc.

Specific Gravity, GEO-230

Project: Eberline

Performed By: DEG

Sample Number	B16T47	
Flask Number	16	2
Volume of flask	100.00	100.00
Wt. Flask+water+soil = Wbws	169.15	173.15
Temperature	20.00	20.00
Wt. Flask + water = Wbw	162.23	166.07
Weight of dry soil = Ws	11.38	12.25
Ww = Ws + Wbw - Wbws	4.46	5.17
Alpha	0.9900	0.9900
Gs = Alpha * Ws/Ww	2.526	2.346
Average Specific Gravity	2.44	