

# Grain Size Analysis

Job # 878237 Date: 09/28/2007  
 Boring location: IDOT - MO Ave  
 Boring #: TH - 1  
 Sample depth: 43' - 45' Container # 10

	Dirty sample	Washed sample
Wt sample + tare	927.1	910.4
Tare wt	396.7	396.7
Wt Sample	530.4	513.7
Wt of sample washed past #200 sieve:		16.7

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8	399.8	3.1	527.3	99.4
4	403.7	3.9	523.4	98.7
6	405.2	1.5	521.9	98.4
8	407.4	2.2	519.7	98.0
16	415.2	7.8	511.9	96.5
30	487.7	72.5	439.4	82.8
50	658.0	170.3	269.1	50.7
100	870.0	212.0	57.1	10.8
200	909.5	39.5	17.6	3.3
PAN	910.4	0.9		

# Grain Size Analysis

Job # 878237 Date: 09/28/2007  
 Boring location: IDOT - MO Ave  
 Boring #: TH - 1  
 Sample depth: 48' - 50' Container # 7

	Dirty sample	Washed sample
Wt sample + tare	1009.4	987.5
Tare wt	412.4	412.4
Wt Sample	597.0	575.1
Wt of sample washed past #200 sieve:		21.9

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8				
4	415.9	3.5	593.5	99.4
6	420.7	4.8	588.7	98.6
8	428.3	7.6	581.1	97.3
16	456.2	27.9	553.2	92.7
30	537.5	81.3	471.9	79.0
50	683.4	145.9	326.0	54.6
100	964.2	280.8	45.2	7.6
200	987.3	23.1	22.1	3.7
PAN	987.5	0.2		

FILE NAME	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS</b>	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -			**	SI. CLAB	7	7E
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -		SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____				
	PLOT DATE = #DATE#	DATE -	REVISED -						FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT

\* VARIOUS ROUTES  
 \*\* DISTRICT 8 DEEP WALLS 2009-2