

Grain Size Analysis

Job # 878237 Date: 09/28/2007

Boring location: IDOT - MO Ave

Boring #: TH - 1

Sample depth: 63' - 65' Container # 4

	Dirty sample	Washed sample
Wt sample + tare	986.0	968.2
Tare wt	412.5	412.5
Wt Sample	573.5	555.7
Wt of sample washed past #200 sieve:		17.8

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8	415.0	2.5	571.0	99.6
4	432.0	17.0	554.0	96.6
6	447.6	15.6	538.4	93.9
8	468.7	21.1	517.3	90.2
16	522.6	53.9	463.4	80.8
30	631.1	108.5	354.9	61.9
50	805.9	174.8	180.1	31.4
100	945.7	139.8	40.3	7.0
200	967.9	22.2	18.1	3.2
PAN	968.2	0.3		

Grain Size Analysis

Job # 878237 Date: 09/28/2007

Boring location: IDOT - MO Ave

Boring #: TH - 1

Sample depth: 68' - 70' Container # 5

	Dirty sample	Washed sample
Wt sample + tare	924.0	904.3
Tare wt	415.2	415.2
Wt Sample	508.8	489.1
Wt of sample washed past #200 sieve:		19.7

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8				
4	418.3	3.1	505.7	99.4
6	419.8	1.5	504.2	99.1
8	420.5	0.7	503.5	99.0
16	423.0	2.5	501.0	98.5
30	431.4	8.4	492.6	96.8
50	539.1	107.7	384.9	75.6
100	874.7	335.6	49.3	9.7
200	904.2	29.5	19.8	3.9
PAN	904.3	0.1		

* VARIOUS ROUTES
** DISTRICT & DEEP WELLS 2009-2

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#	**	SI. CLAIR	7	7H
CONTRACT NO. 76C71				

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____ FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT

FILE NAME *	USER NAME * #USER#	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
	PLOT SCALE * #SCALE#	CHECKED -	REVISED -
	PLOT DATE * #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS