

Grain Size Analysis

Job # 878237 Date: 09/28/2007
 Boring location: IDOT - MO Ave
 Boring #: TH - 1
 Sample depth: 98' - 103' Container # 15

	Dirty sample	Washed sample
Wt sample + tare	1124.0	1121.6
Tare wt	409.2	409.2
Wt Sample	714.8	712.4
Wt of sample washed past #200 sieve:		2.4

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8	438.9	29.7	685.1	95.8
4	576.1	137.2	547.9	76.7
6	657.3	81.2	466.7	65.3
8	740.8	83.5	383.2	53.6
16	874.3	133.5	249.7	34.9
30	1027.1	152.8	96.9	13.6
50	1108.2	81.1	15.8	2.2
100	1121.2	13.0	2.8	0.4
200	1121.6	0.4	2.4	0.3
PAN	1121.6	0.0		

Grain Size Analysis

Job # 878237 Date: 09/28/2007
 Boring location: IDOT - MO Ave
 Boring #: TH - 1
 Sample depth: 103' - 108' Container # 1

	Dirty sample	Washed sample
Wt sample + tare	1137.7	1133.4
Tare wt	412.1	412.1
Wt Sample	725.6	721.3
Wt of sample washed past #200 sieve:		4.3

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8	421.2	9.1	716.5	98.7
4	737.9	316.7	399.8	55.1
6	905.9	168.0	231.8	31.9
8	1022.0	116.1	115.7	15.9
16	1100.2	78.2	37.5	5.2
30	1119.8	19.6	17.9	2.5
50	1129.4	9.6	8.3	1.1
100	1131.6	2.2	6.1	0.8
200	1133.4	1.8	4.3	0.6
PAN	1133.4	0.0		

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS

SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	ST. CLAIR	7	7
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT			CONTRACT NO. 16C11	

* VARIOUS ROUTES
** DISTRICT 8 DEEP WELLS 2009-2