

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	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	#USER#	DRAWN	REVISED			:	:	SI. CLAIR	7	IL	
		CHECKED	REVISED			SCALE: _____	SHEET NO. ____ OF ____ SHEETS	CONTRACT NO. 76C71			
		DATE	REVISED			STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT			

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