

Grain Size Analysis

Job # 878237 Date: 09/28/2007
 Boring location: IDOT - MO Ave
 Boring #: TH - 1
 Sample depth: 53' - 55' Container # 8

	Dirty sample	Washed sample
Wt sample + tare	938.3	913.4
Tare wt	414.4	414.4
Wt Sample	523.9	499.0
Wt of sample washed past #200 sieve:		24.9

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8	416.1	1.7	522.2	99.7
4	421.6	5.5	516.7	98.6
6	424.8	3.2	513.5	98.0
8	426.5	1.7	511.8	97.7
16	430.8	4.3	507.5	96.9
30	446.7	15.9	491.6	93.8
50	625.6	178.9	312.7	59.7
100	862.4	236.8	75.9	14.5
200	912.4	50.0	25.9	4.9
PAN	913.4	1.0		

Grain Size Analysis

Job # 878237 Date: 09/28/2007
 Boring location: IDOT - MO Ave
 Boring #: TH - 1
 Sample depth: 58' - 60' Container # 9

	Dirty sample	Washed sample
Wt sample + tare	973.0	954.8
Tare wt	413.9	413.9
Wt Sample	559.1	540.9
Wt of sample washed past #200 sieve:		18.2

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8				
4	416.5	2.6	556.5	99.5
6	417.1	0.6	555.9	99.4
8	417.4	0.3	555.6	99.4
16	419.7	2.3	553.3	99.0
30	470.5	50.8	502.5	89.9
50	776.0	305.5	197.0	35.2
100	934.6	158.6	38.4	6.9
200	954.0	19.4	19.0	3.4
PAN	954.8	0.8		

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -		SCALE: _____	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -		SHEET NO. OF SHEETS	ST. CLAS	CONTRACT NO.	7	19
		DATE	REVISED		STA. TO STA.	ILLINOIS FED. AID PROJECT			