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		DATE : April 25-2013 # 00			DATE : February 22-2012 # 0			DATE : May 17-2013 # 1			DATE : January 15-2013 # 2			DATE : April 9-2013 # 3			DATE : July 22-2011 1/4"			DATE : May 14-2013 3/8"		
US SIEVE SIZE	RETAINED WEIGHT	RETAINED PERCENT	PASSING PERCENT	RETAINED WEIGHT	RETAINED PERCENT	PASSING PERCENT	RETAINED WEIGHT	RETAINED PERCENT	PASSING PERCENT	RETAINED WEIGHT	RETAINED PERCENT	PASSING PERCENT	RETAINED WEIGHT	RETAINED PERCENT	PASSING PERCENT	RETAINED WEIGHT	RETAINED PERCENT	PASSING PERCENT	RETAINED WEIGHT	RETAINED PERCENT	PASSING PERCENT	
# mm	Grams	%	%	Grams	%	%	Grams	%	%	Grams	%	%	Grams	%	%	Grams	%	%	Grams	%	%	
3/8" 9.50																			32	3.9	96.1	
5/16" 8.00																0	0	100	260	32.2	63.9	
1/4" 6.30													0	0	0	16	3.4	96.6	294	36.5	27.4	
4 4.75										0	0	0				149	31.4	65.2	163	20.2	7.2	
5 4.00										0	0	0				147	31	34.2	41	5.1	2.1	
6 3.35										0	0	0	268	43.6	56.4	119	25.1	9.1	10	1.2	0.9	
8 2.36							0	0	0	24	4.1	95.9				41	8.5	0.6	4	0.5	0.4	
10 2.00							0	0	0	188	32.8	63.1	338	55	1.4	1	0.3	0.3				
12 1.70							4	0.7	99.3	174	30.4	32.7										
14 1.400				0	0	0	138	22.7	76.6	107	18.7	14										
16 1.180				0	0	0	224	36.8	39.8	37	6.4	7.6										
18 1.000				1	0.2	99.8	126	20.7	19.1				8	1.3	0.1							
20 0.850				58	11.7	88.1	60	9.9	9.2													
25 0.710																						
30 0.600	14	2.9	97.1	314	63.6	24.5	38	6.3	2.9													
35 0.500	86	16.9	80.2	58	11.7	12.8																
40 0.425	94	18.5	61.7	24	4.9	7.9																
50 0.300	176	34.6	27.1	26	5.2	2.7																
60 0.250	51	10	17.1	6	1.2	1.5							1	0.1	0							
70 0.212	25	4.9	12.2																			
80 0.180	27	5.3	6.9																			
100 0.150	6	1.2	5.7																			
140 0.106	5	1	4.7																			
200 0.075	20	3.9	0.8																			
230 0.063	2	0.4	0.4																			
270 0.053	1	0.2	0.2																			
Pan	1	0.2	0	7	1.5	0	18	2.9	0	42	7.6	0	0	0	0	1	0.3	0	2	0.4	0	
Total	508			494	100		608			572			615			474	100		806			

Typical Chemical Analysis		
Element Compound	Not Magnetically Separated	Magetically Separated
SiO ₂	99.6	99.75
Al ₂ O ₃	0.2	0.1
Fe ₂ O ₃	0.06	0.02
TiO ₃	0.02	ND-Trace
CaO	<0.01	<0.01
MgO	<0.01	<0.01
K ₂ O	<0.01	<0.01
Na ₃ O	<0.01	<0.01
LOI	0.1 Max	0.1 Max
Acid Demand	<1	<1
Specific Gravity	2.64	2.64