

COARSE AGGREGATE GRADATION 2008

LAB ID	ORIGINAL WEIGHT	1-1/2"	1-1/2" COMMENT	1"	1" COMMENT	3/4"	3/4" COMMENT	1/2"	1/2" COMMENT	3/8"	3/8" COMMENT	#4	#4 COMMENT	#8	#8 COMMENT	REPORTED FM	FM COMMENT	CMEC CALCULATED FM
11004	9989.61	100	OK	100	OK	95	OK	56	OK	27	OK	6	OK	0	OK	3.17X	REVIEW	6.73
11005	9992.7	100	OK	99X	REVIEW	95	OK	57	OK	26	OK	6	OK	0	OK	6.73	OK	6.72
11006	9986	100	OK	100	OK	95	OK	56	OK	26	OK	5	OK	0	OK	3.19X	REVIEW	6.74
11007	9987.9	100	OK	100	OK	95	OK	60X	REVIEW	25	OK	6	OK	0	OK	2.74X	REVIEW	6.73
11009	9991	100	OK	100	OK	95	OK	55	OK	25	OK	5	OK	0	OK	6.75	OK	6.71
11010	9998.4	100	OK	98X	REVIEW	95	OK	56	OK	26	OK	9	REVIEW	0	OK	3.14X	REVIEW	6.73
11011	10042.7	100	OK	99X	REVIEW	95	OK	57	OK	27	OK	6	OK	1X	REVIEW	2.72X	REVIEW	6.74
11022	9992.7	100	OK	100	OK	93	OK	55	OK	26	OK	6	OK	1X	REVIEW	2.74X	REVIEW	6.73
11029	9984.55	100	OK	100	OK	94	OK	57	OK	26	OK	5	OK	0	OK	3.17X	REVIEW	6.75
11030	9985	100	OK	100	OK	94	OK	55	OK	25	OK	5	OK	0	OK	3.19X	REVIEW	6.76
11034	9994	100	OK	100	OK	95	OK	56	OK	26	OK	6	OK	1X	REVIEW	6.73	OK	6.72
11040	9996.7	100	OK	100	OK	95	OK	56	OK	26	OK	5	OK	0	OK	7.18	REVIEW	6.72
11042	9988.8	100	OK	100	OK	95	OK	56	OK	26	OK	5	OK	0	OK	6.73	OK	6.73
11044	9991.2	100	OK	100	OK	95	OK	58	OK	26	OK	5	OK	1X	REVIEW	5.78X	REVIEW	6.73
11046	9979.2	100	OK	100	OK	95	OK	56	OK	27	OK	6	OK	0	OK	2.72X	REVIEW	6.74
11048	9983.74	100	OK	100	OK	95	OK	57	OK	27	OK	5	OK	0	OK	6.73	OK	6.75
11049	9997.34	100	OK	100	OK	95	OK	55	OK	27	OK	6	OK	0	OK	6.72	OK	6.77
11051	9986.4	100	OK	99X	REVIEW	94	OK	53	REVIEW	25	OK	6	OK	0	OK	6.75	OK	6.72
11052	9988	100	OK	100	OK	95	OK	60X	REVIEW	28	OK	6	OK	0	OK	2.71X	REVIEW	6.72
11053	9998.4	100	OK	100	OK	93	OK	56	OK	28	OK	6	OK	0	OK	2.73X	REVIEW	6.73
11055	9992.6	100	OK	100	OK	94	OK	56	OK	26	OK	6	OK	1X	REVIEW	2.74X	REVIEW	6.79
11062	9978	100	OK	100	OK	93	OK	53	REVIEW	23	REVIEW	5	OK	0	OK	6.78	OK	6.73
11064	9976.8	100	OK	100	OK	93	OK	53	REVIEW	25	OK	6	OK	0	OK	6.76	OK	6.73
11065	9981.9	100	OK	99X	REVIEW	94	OK	56	OK	24	OK	6	OK	0	OK	2.76X	REVIEW	6.73
11070	10005.2	100	OK	99X	REVIEW	94	OK	58	OK	24	OK	5	OK	0	OK	6.76	OK	7.63
11075	9988.6	100	OK	100	OK	94	OK	56	OK	26	OK	5	OK	0	OK	6.75	OK	6.72
11082	9979.18	100	OK	100	OK	96	OK	56	OK	26	OK	5	OK	0	OK	6.73	OK	6.73
11084	9975	100	OK	100	OK	95	OK	55	OK	26	OK	6	OK	0	OK	1.6X	REVIEW	6.74
11089	9995.4	100	OK	100	OK	95	OK	57	OK	27	OK	6	OK	0	OK	2.73X	REVIEW	6.73
11090	9979.2	100	OK	100	OK	92	REVIEW	53	REVIEW	25	OK	5	OK	0	OK	6.77	OK	6.72
11096	10000	100	OK	100	OK	94	OK	55	OK	26	OK	5	OK	0	OK	6.75	OK	6.72
11097	10	100	OK	100	OK	95	OK	55	OK	26	OK	6	OK	1X	REVIEW	1.69X	REVIEW	6.74
11105	9998.5	100	OK	99X	REVIEW	94	OK	56	OK	26	OK	5	OK	0	OK	3.8X	REVIEW	6.74
11106	9979.2	100	OK	100	OK	94	OK	54	OK	25	OK	5	OK	0	OK	3.22X	REVIEW	6.74
11108	10106.04	100	OK	100	OK	94	OK	56	OK	26	OK	5	OK	0	OK	2.74X	REVIEW	6.72
11114	10002	100	OK	100	OK	94	OK	57	OK	27	OK	6	OK	1X	REVIEW	3.15X	REVIEW	6.77
11115	9967.9	100	OK	100	OK	94	OK	56	OK	25	OK	5	OK	0	OK	2.76X	REVIEW	6.76
11119	9980.01	100	OK	100	OK	94	OK	56	OK	26	OK	6	OK	0	OK	7.18	REVIEW	6.72
11135	9987.6	100	OK	100	OK	94	OK	57	OK	25	OK	6	OK	0	OK	6.74	OK	6.75
11137	9988.1	100	OK	100	OK	95	OK	57	OK	26	OK	6	OK	1X	REVIEW	4.62X	REVIEW	6.73
11143	9996.1	100	OK	99X	REVIEW	95	OK	56	OK	26	OK	5	OK	0	OK	3.19X	REVIEW	7.22
11160	9974.5	100	OK	100	OK	94	OK	57	OK	26	OK	6	OK	0	OK	6.73	OK	6.70
11165	9993.5	100	OK	98X	REVIEW	93	OK	54	OK	26	OK	5	OK	0	OK	6.76	OK	6.72
11167	9986.1	100	OK	100	OK	95	OK	57	OK	26	OK	6	OK	0	OK	2.73X	REVIEW	6.73
11171	9996	100	OK	100	OK	94	OK	55	OK	26	OK	6	OK	0	OK	6.79	OK	6.74
11185	9986.3	100	OK	100	OK	95	OK	56	OK	26	OK	6	OK	0	OK	2.73X	REVIEW	6.74
11190	10000	100	OK	100	OK	95	OK	55	OK	27	OK	7	OK	1X	REVIEW	6.70	OK	6.78
11204	10512.5	100	OK	100	OK	95	OK	64X	REVIEW	33X	REVIEW	5	OK	0	OK	2.6X	REVIEW	6.70
11212	9990.5	100	OK	100	OK	93	OK	55	OK	23	REVIEW	5	OK	0	OK	6.78	OK	6.73
11215	9988.66	100	OK	100	OK	94	OK	55	OK	26	OK	6	OK	0	OK	6.73	OK	6.72
11232	9990.8	100	OK	98X	REVIEW	94	OK	55	OK	24	OK	5	OK	0	OK	OX	REVIEW	6.73
11237	9987.9	100	OK	100	OK	94	OK	56	OK	26	OK	6	OK	0	OK	7.18	REVIEW	6.72
11240	6008.8	100	OK	100	OK	97	OK	70X	REVIEW	42X	REVIEW	20X	REVIEW	12X	REVIEW	2.59X	REVIEW	6.75
11245	9996.1	100	OK	100	OK	94	OK	58	OK	26	OK	6	OK	0	OK	2.74X	REVIEW	6.71
11261	9982.2	100	OK	100	OK	95	OK	57	OK	26	OK	6	OK	0	OK	2.73X	REVIEW	6.73
11271	9974.66	100	OK	100	OK	95	OK	54	OK	23	REVIEW	5	OK	0	OK	3.24X	REVIEW	6.75
11311	9993	100	OK	99X	REVIEW	94	OK	54	OK	26	OK	6	OK	0	OK	6.75	OK	6.71
11319	10000	100	OK	99X	REVIEW	94	OK	54	OK	25	OK	6	OK	0	OK	6.74	OK	6.75
11330	9991.93	100	OK	99X	REVIEW	95	OK	56	OK	27	OK	6	OK	0	OK	7.17	REVIEW	6.76
11339	9987	100	OK	100	OK	95	OK	56	OK	26	OK	4	OK	0	OK	6.73	OK	6.74
11344	9997.1	100	OK	99X	REVIEW	94	OK	54	OK	25	OK	5	OK	0	OK	2.75X	REVIEW	6.76
11371	1000	100	OK	100	OK	94	OK	56	OK	26	OK	6	OK	6X	REVIEW	6.80	OK	6.76
11376	9988.8	100	OK	100	OK	95	OK	55	OK	25	OK	5	OK	0	OK	6.75	OK	6.76
11402	9982.1	100	OK	100	OK	95	OK	56	OK	26	OK	6	OK	0	OK	6.74	OK	6.73
11411	9985.92	100	OK	100	OK	95	OK	57	OK	25	OK	6	OK	0	OK	6.74	OK	6.75
11413	9996.5	100	OK	100	OK	92	REVIEW	54	OK	95X	REVIEW	5	OK	0	OK	6.15X	REVIEW	6.73
11452	9998.4	100	OK	100	OK	94	OK	56	OK	26	OK	6	OK	0	OK	3.18X	REVIEW	6.76
12004	9952	100	OK	100	OK	95	OK	57	OK	27	OK	5	OK	0	OK	6.73	OK	6.73
12006	22.05	100	OK	100	OK	95	OK	59	REVIEW	26	OK	6	OK	0	OK	6.73	OK	6.74
12011	10000.01	100	OK	99X	REVIEW	95	OK	56	OK	26	OK	6	OK	0	OK	6.73	OK	6.73
12013	9980	100	OK	100	OK	95	OK	55	OK	27	OK	5	OK	0	OK	6.72	OK	6.74
12016	22	100	OK	99X	REVIEW	95	OK	55	OK	25	OK	5	OK	0	OK	6.75	OK	6.73

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12020	10555.3	100	OK	100	OK	96	OK	59	REVIEW	29	REVIEW	5	OK	0	OK	3.1X	REVIEW	6.73
12023	22.04	100	OK	100	OK	95	OK	59	REVIEW	25	OK	5	OK	0	OK	6.75	OK	6.72
12025	10000	100	OK	99X	REVIEW	86X	REVIEW	40X	REVIEW	15X	REVIEW	7	OK	3X	REVIEW	6.90	OK	6.77
12028	9991.1	100	OK	100	OK	95	OK	57	OK	27	OK	5	OK	0	OK	6.73	OK	6.75
12045	9994	100	OK	100	OK	95	OK	56	OK	27	OK	6	OK	0	OK	2.73X	REVIEW	6.72
12049	9992.2	100	OK	100	OK	95	OK	56	OK	27	OK	5	OK	1X	REVIEW	6.72	OK	6.74
12050	9989	100	OK	99X	REVIEW	93	OK	56	OK	25	OK	6	OK	0	OK	2.76X	REVIEW	6.75
12051	9997.3	100	OK	99X	REVIEW	95	OK	55	OK	26	OK	6	OK	0	OK	6.72	OK	6.68
12055	9999.6	100	OK	99X	REVIEW	95	OK	60X	REVIEW	26	OK	5	OK	0	OK	5.73X	REVIEW	6.73
12056	9997	100	OK	100	OK	96	OK	58	OK	26	OK	6	OK	0	OK	6.72	OK	6.73
12060	9987.3	100	OK	100	OK	95	OK	56	OK	26	OK	5	OK	1X	REVIEW	6.67	OK	6.70
12067	9994	100	OK	100	OK	94	OK	55	OK	26	OK	6	OK	0	OK	6.74	OK	6.74
12070	9597.9	100	OK	100	OK	94	OK	54	OK	27	OK	5	OK	1X	REVIEW	7.18	REVIEW	6.74
12072	9987.4	100	OK	100	OK	95	OK	57	OK	26	OK	6	OK	0	OK	6.72	OK	6.75
12075	9987	100	OK	100	OK	95	OK	57	OK	27	OK	5	OK	1X	REVIEW	6.72	OK	6.74
12079	9999.5	100	OK	100	OK	94	OK	55	OK	25	OK	5	OK	0	OK	6.75	OK	6.72
12080	9955.2	100	OK	100	OK	100X	REVIEW	95X	REVIEW	56X	REVIEW	26X	REVIEW	5X	REVIEW	7.14	REVIEW	6.73
12081	9995	100	OK	99X	REVIEW	95	OK	55	OK	26	OK	6	OK	1X	REVIEW	6.73	OK	6.73
12083	9996.7	100	OK	100	OK	95	OK	56	OK	25	OK	5	OK	0	OK	6.75	OK	6.73
12085	9991.5	100	OK	100	OK	94	OK	55	OK	26	OK	5	OK	0	OK	7.20	REVIEW	6.75
12086	9992.4	100	OK	100	OK	94	OK	55	OK	26	OK	6	OK	0	OK	6.74	OK	6.13
12087	10001	100	OK	100	OK	95	OK	60X	REVIEW	27	OK	6	OK	0	OK	6.71	OK	6.73
12088	10000	100	OK	100	OK	95	OK	56	OK	24	OK	5	OK	0	OK	6.75	OK	6.70
12089	9995	100	OK	100	OK	95	OK	55	OK	26	OK	5	OK	0	OK	6.74	OK	6.75
12105	9998.4	100	OK	100	OK	95	OK	58	OK	27	OK	6	OK	0	OK	6.99	OK	6.74
12111	9998.8	100	OK	100	OK	96	OK	56	OK	26	OK	6	OK	1X	REVIEW	6.74	OK	6.74
12114	22.05	100	OK	100	OK	96	OK	57	OK	27	OK	6	OK	1X	REVIEW	6.71	OK	6.74
12135	9986.1	100	OK	100	OK	95	OK	58	OK	24	OK	5	OK	0	OK	206.5X	REVIEW	6.74
12137	9969.96	100	OK	100	OK	96	OK	55	OK	26	OK	5	OK	0	OK	6.73	OK	6.72
12143	9980.1	100	OK	100	OK	96	OK	58	OK	26	OK	6	OK	0	OK	6.72	OK	6.75
12144	9996.8	100	OK	100	OK	95	OK	56	OK	27	OK	6	OK	1X	REVIEW	6.71	OK	6.29
12145	9985	100	OK	99X	REVIEW	95	OK	56	OK	28	OK	6	OK	0	OK	6.72	OK	6.72
12150	10000	100	OK	100	OK	95	OK	56	OK	26	OK	6	OK	0	OK	6.72	OK	6.73
12151	9988.4	100	OK	100	OK	95	OK	56	OK	26	OK	6	OK	0	OK	5.72X	REVIEW	6.76
12152	9993.8	100	OK	100	OK	95	OK	55	OK	26	OK	6	OK	1X	REVIEW	6.73	OK	6.74
12161	9965	100	OK	100	OK	96	OK	57	OK	27	OK	6	OK	1X	REVIEW	6.70	OK	6.66
12179	22.1	100	OK	100	OK	94	OK	56	OK	27	OK	6	OK	1X	REVIEW	0.6X	REVIEW	6.73
12206	9998.3	100	OK	100	OK	95	OK	60X	REVIEW	27	OK	6	OK	6X	REVIEW	6.72	OK	6.79
12212	9992	100	OK	100	OK	95	OK	57	OK	26	OK	6	OK	0	OK	6.73	OK	6.74
12224	9993.5	100	OK	100	OK	97	OK	56	OK	27	OK	6	OK	1X	REVIEW	6.71	OK	6.77
12324	9991.7	100	OK	100	OK	95	OK	57	OK	26	OK	6	OK	0	OK	6.72	OK	6.75
12330	9997.18	100	OK	100	OK	96	OK	65X	REVIEW	26	OK	5	OK	0	OK	6.72	OK	6.75
12334	9990.5	100	OK	100	OK	95	OK	58	OK	28	OK	5	OK	1X	REVIEW	7.14	REVIEW	6.73
12407	9980	100	OK	100	OK	95	OK	57	OK	26	OK	6	OK	0	OK	6.73	OK	6.73
12409	9990	100	OK	100	OK	95	OK	56	OK	27	OK	5	OK	0	OK	6.73	OK	6.76
12431	9987	100	OK	100	OK	95	OK	56	OK	26	OK	5	OK	0	OK	6.74	OK	6.72
12441	9995	100	OK	100	OK	94	OK	57	OK	24	OK	6	OK	0	OK	6.76	OK	X
12443	9995	100	OK	100	OK	95	OK	56	OK	23	REVIEW	5	OK	0	OK	6.77	OK	6.73
12447	9999.8	100	OK	100	OK	94	OK	56	OK	26	OK	5	OK	0	OK	6.74	OK	6.71
12451	10001.71	100	OK	100	OK	95	OK	56	OK	26	OK	5	OK	0	OK	6.73	OK	6.89
12460	9997	100	OK	100	OK	94	OK	56	OK	26	OK	5	OK	0	OK	6.74	OK	6.74
12471	9996.4	100	OK	100	OK	96	OK	54	OK	25	OK	5	OK	0	OK	6.74	OK	6.73
12479	9995.3	100	OK	99X	REVIEW	95	OK	54	OK	25	OK	5	OK	0	OK	3.68X	REVIEW	6.73
12500	22.03	100	OK	99X	REVIEW	95	OK	58	OK	28	OK	5	OK	0	OK	6.72	OK	6.72
14026	10000.3	100	OK	100	OK	95	OK	58	OK	26	OK	6	OK	1X	REVIEW	7.14	REVIEW	6.74
14040	9992.1	100	OK	100	OK	94	OK	57	OK	26	OK	5	OK	0	OK	6.74	OK	6.72
14050	9987.6	100	OK	100	OK	94	OK	55	OK	25	OK	5	OK	0	OK	2.76X	REVIEW	6.76
14071	9992	100	OK	100	OK	94	OK	56	OK	26	OK	5	OK	0	OK	2.74X	REVIEW	6.75
14144	9991.9	100	OK	100	OK	95	OK	56	OK	26	OK	7	OK	1X	REVIEW	3.16X	REVIEW	6.75
21007	9996.2	100	OK	100	OK	95	OK	57	OK	27	OK	5	OK	0	OK	2.72X	REVIEW	6.74
AVG	9369.6	100		100		95		56		26		6		0		6.79		
STDEV	2380.6	0		0		1		1		1		1		0		0.14		
+2SD	14130.8	100		100		97		58		28		8		0		7.07		
-2SD	4608.4	100		100		93		54		24		4		0		6.51		
+3SD	16511.4	100		100		98		59		29		9		0		7.21		
-3SD	2227.8	100		100		92		53		23		3		0		6.37		