

Material Type: Limestone
Product: CLASS 6F5 CAPPING
Material Code: 110A66F5

Quarry: CORNELLY QUARRY
Site: all
Size/Specs: 0/125 Class 6F5 evaluated against SHW 600

21 samples from 04/01/23 to 20/07/23 starting with sample no. 1

Seq. No.	Sample No.	Sample date	Percentage PassingSieves (mm)																	Moisture	Flakiness	Shell content	MB Value	Chloride content	Within	Complies
			125	80	63	40	31.5	20	16	10	8	6.3	4	2	1	0.5	0.25	0.125	0.063	%	FI	SC	MB	CC	CtrlLmt	
1	28	20/07/23	100	89	77	58	40	30	25	21	18	15	11	8	7	5	4	4	2.8	1.0				-	yes	
2	26	10/07/23	100	98	80	59	48	35	31	22	19	16	12	9	7	5	5	4	3.2	1.0				-	yes	
3	25	04/07/23	100	89	89	74	67	54	47	36	33	29	23	19	16	14	12	11	8.9	1.0				-	yes	
4	23	26/06/23	100	91	88	63	49	30	23	15	11	9	6	4	3	3	2	2	1.2	0.1				-	yes	
5	24	19/06/23	100	88	83	70	56	32	27	17	15	13	11	8	6	5	4	3	2.7	0.3				-	yes	
6	22	08/06/23	100	95	85	61	49	32	25	17	13	11	8	6	4	3	3	2	2.0	0.3				-	yes	
7	21	25/05/23	100	92	85	63	53	37	31	23	20	17	12	9	7	6	5	4	3.4	0.3				-	yes	
8	20	17/05/23	100	89	89	72	64	50	43	31	27	23	18	13	10	8	7	5	2.9	0.9				-	yes	
9	19	11/05/23	100	92	89	67	50	30	21	16	13	11	8	6	5	4	3	3	2.2	0.7				-	yes	
10	17	03/05/23	100	99	87	66	59	42	37	27	24	20	16	12	10	8	7	6	5.2	0.6				-	yes	
11	16	17/04/23	100	84	75	74	61	42	33	21	17	14	10	7	6	5	4	3	2.7	1.0				-	yes	
12	15	04/04/23	100	79	74	67	55	34	28	21	17	13	11	9	7	6	4	3	2.7	1.3				-	yes	
13	13	20/03/23	100	79	75	67	62	47	40	28	24	20	15	11	9	7	6	5	4.4	2.2				-	yes	
14	12	13/03/23	100	88	80	55	41	30	23	18	16	15	13	11	9	7	5	3	2.3	1.1				-	yes	
15	11	03/03/23	100	75	69	61	49	37	30	18	14	11	7	5	4	3	3	2	2.0	0.6				-	yes	
16	10	17/02/23	100	80	80	74	67	49	43	31	28	23	17	12	9	7	6	5	4.0	1.0				-	yes	
17	6	06/02/23	100	76	76	57	50	33	26	18	14	12	9	7	5	4	3	3	2.3	0.9				-	yes	
18	5	31/01/23	100	76	73	64	54	39	32	24	20	16	11	8	7	5	4	3	2.5	1.4				-	yes	
19	3	16/01/23	100	79	79	61	51	32	27	19	14	10	5	3	2	2	1	1	1.1	1.7				-	yes	
20	2	09/01/23	100	83	83	71	59	41	33	20	16	13	9	7	6	5	4	3	2.7	1.4				-	yes	
21	1	04/01/23	100	86	80	63	51	33	27	18	15	13	10	8	7	6	5	4	3.5	1.7				-	yes	
Target			100	95.8	91.8	78.5	69.8	53.8	46.8	33	28	23	17.3	13	9.8	8	6.8	5.5	4.5							
Specified min			100	75		50		30		15				0					0.0							
Control limit min																										
Control limit max																										
Specified max			100	99		90		75		60				35					12.0							
Average			100.0	86.0	80.8	65.1	54.0	37.6	31.0	22.0	18.5	15.4	11.5	8.7	7.0	5.6	4.6	3.8	3.1	1.0						
Standard Deviation				7.2	5.9	5.8	7.5	7.4	7.3	5.7	5.7	5.1	4.3	3.5	3.0	2.5	2.3	2.0	1.6	0.5						
Minimum Value			100	75	69	55	40	30	21	15	11	9	5	3	2	2	1	1	1.1	0.1						
Maximum Value			100	99	89	74	67	54	47	36	33	29	23	19	16	14	12	11	8.9	2.2						