

Material Type: Limestone
Product: TYPE 1 SUB-BASE CL803.
Material Code: 110A801

Quarry: CORNELLY QUARRY
Site: all
Size/Specs: 0/63 Type 1 evaluated against SHW 803

27 samples from 06/01/23 to 17/07/23 starting with sample no. 1

Seq. No.	Sample No.	Sample date	Percentage PassingSieves (mm)																	Moisture %	Flakiness FI	Shell content SC	MB Value MB	Chloride content CC	Within CtrlLmt	Complies
			80	63	40	31.5	20	16	14	10	8	6.3	4	2	1	0.5	0.25	0.125	0.063							
1	246	17/07/23			100	97	63	52	45	29	24	17	12	9	7	6	5	5	3.5	0.7					-	yes
2	237	12/07/23			100	94	60	49	44	31	28	23	17	13	10	8	7	6	5.1	1.4					-	yes
3	227	03/07/23			100	98	75	63	58	44	37	31	22	16	13	10	9	8	6.2	0.6					-	yes
4	217	26/06/23			100	99	81	71	64	49	43	37	27	21	16	13	11	9	7.6	0.6					-	yes
5	200	19/06/23			100	95	70	60	54	42	37	32	25	19	15	13	11	9	7.2	0.4					-	yes
6	198	15/06/23			100	97	70	55	47	31	27	22	16	12	9	8	7	6	4.6	1.6					-	yes
7	173	31/05/23			100	95	75	64	58	43	37	30	21	15	11	8	7	6	4.6	0.2					-	yes
8	171	25/05/23			100	99	76	68	63	51	46	41	32	26	20	17	14	11	9.0	1.4					-	yes
9	151	16/05/23			100	98	70	55	48	34	27	22	15	11	8	6	5	4	3.1	0.6					-	yes
10	150	11/05/23			100	96	81	72	66	50	43	36	25	18	13	11	9	8	6.2	1.7					-	yes
11	140	03/05/23			100	97	70	56	50	36	31	26	21	17	13	11	9	8	6.4	1.1					-	yes
12	131	17/04/23			100	99	81	71	65	51	45	38	28	20	15	12	10	8	6.4	2.2					-	yes
13	120	14/04/23			100	95	76	67	60	47	41	35	25	19	15	13	11	10	7.8	3.4					-	yes
14	113	04/04/23			100	97	82	72	67	53	47	40	30	22	17	13	11	9	7.6	3.9					-	yes
15	104	27/03/23			100	95	80	71	67	54	48	40	29	22	17	14	12	11	8.7	3.4					-	yes
16	101	20/03/23			100	94	68	58	50	36	29	23	16	12	10	9	7	6	5.5	3.8					-	yes
17	81	13/03/23			100	97	87	81	77	63	57	48	34	23	16	12	10	8	6.1	3.7					-	yes
18	80	07/03/23			100	96	73	56	49	34	29	23	17	13	10	8	7	6	4.5	1.4					-	yes
19	69	01/03/23			100	95	70	60	55	44	39	34	27	21	17	14	11	9	7.8	2.0					-	yes
20	60	21/02/23			100	99	72	72	70	52	41	29	18	14	9	7	5	4	2.6	0.7					-	yes
21	47	13/02/23			100	98	77	70	64	48	40	33	24	17	12	10	8	6	4.7	1.6					-	yes
22	46	06/02/23			100	97	71	63	58	45	39	33	24	18	13	11	9	8	6.3	1.4					-	yes
23	40	31/01/23			100	95	59	48	42	30	25	20	16	13	10	9	7	6	5.4	1.8					-	yes
24	32	23/01/23			100	98	81	74	69	56	50	43	32	24	18	14	11	9	7.5	1.4					-	yes
25	20	16/01/23			100	97	80	68	61	44	36	28	19	14	11	10	8	7	6.0	2.0					-	yes
26	11	09/01/23			100	97	64	52	45	30	24	20	14	11	8	7	6	5	3.5	2.0					-	yes
27	3	06/01/23			100	97	58	58	57	40	33	27	21	16	11	8	6	5	3.8	1.0					-	yes
Target					100	95.2	71.4	63.7	60.3	53	46.4	40.9	31.1	22.7	16.3	12.5	9.7	7.5	5.8							
Specified min				100		75		43			23		12	6	3				0.0							
Control limit min																										
Control limit max																										
Specified max				100		99		81			66		53	42	32				9.0							
Average					100.0	96.7	73.0	63.2	57.5	43.2	37.1	30.8	22.5	16.9	12.7	10.4	8.6	7.3	5.8	1.7						
Standard Deviation						1.5	7.6	8.7	9.3	9.2	8.8	8.0	6.1	4.5	3.5	2.8	2.4	2.0	1.7	1.1						
Minimum Value					100	94	58	48	42	29	24	17	12	9	7	6	5	4	2.6	0.2						
Maximum Value					100	99	87	81	77	63	57	48	34	26	20	17	14	11	9.0	3.9						