

Bass Point Quarry - Blast Monitoring Data - 2022



Date	Time	Blast location	Blast #	Blast Monitor location	Airblast overpressure (dB(Lin Peak))	Airblast overpressure compliant (Yes / No)	Ground vibration (mm/sec)	Ground vibration compliant (Yes / No)	Comments
27-01-22	12:02	West Pit RL45	714	Monitoring Point A (Rangoon Avenue, Shell Cove)	101.0	Yes	1.499	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	101.0	Yes	0.578	Yes	
02-02-22	11:04	West Pit RL18	715	Monitoring Point A (Rangoon Avenue, Shell Cove)	106.5	Yes	1.978	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	105.5	Yes	0.800	Yes	
07-02-22	12:59	West Pit RL18	716	Monitoring Point A (Rangoon Avenue, Shell Cove)	106.5	Yes	1.193	Yes	Misfired.
				Monitoring Point B (Killalea State Park, Shell Cove)	105.5	Yes	0.357	Yes	
08-02-22	8:57	West Pit RL18	716	Monitoring Point A (Rangoon Avenue, Shell Cove)	105.5	Yes	1.756	Yes	Completion of blast from 07/02/2022.
				Monitoring Point B (Killalea State Park, Shell Cove)	98.8	Yes	0.911	Yes	
16-02-22	10:58	West Pit RL32	717	Monitoring Point A (Rangoon Avenue, Shell Cove)	103.5	Yes	1.010	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	104.2	Yes	0.499	Yes	
28-02-22	10:56	West Pit RL32	718	Monitoring Point A (Rangoon Avenue, Shell Cove)	104.2	Yes	1.180	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	104.2	Yes	1.902	Yes	
07-03-22	11:06	West Pit RL32	720	Monitoring Point A (Rangoon Avenue, Shell Cove)	109.2 dBL	Yes	1.329 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	109.2 dBL	Yes	0.711 mm/s	Yes	
10-03-22	13:00	West Pit RL18	719	Monitoring Point A (Rangoon Avenue, Shell Cove)	104.9 dBL	Yes	2.500 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	101.9 dBL	Yes	1.131 mm/s	Yes	
16-03-22	13:39	South Pit RL45	721	Monitoring Point A (Rangoon Avenue, Shell Cove)	108.4 dBL	Yes	0.630 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	91.48 dBL	Yes	0.558 mm/s	Yes	
21-03-22	13:03	South Pit RL45	722	Monitoring Point A (Rangoon Avenue, Shell Cove)	101.9 dBL	Yes	0.312 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	101.9 dBL	Yes	0.196 mm/s	Yes	
30-03-22	14:01	West Pit RL45	723	Monitoring Point A (Rangoon Avenue, Shell Cove)	108.4 dBL	Yes	0.844 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	95.92 dBL	Yes	0.466 mm/s	Yes	
06-04-22	11:55	South Pit RL45	725	Monitoring Point A (Rangoon Avenue, Shell Cove)	111.2 dBL	Yes	1.027 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	<88 dBL	Yes	0.420 mm/s	Yes	
13-04-22	12:16	South Pit RL45	724	Monitoring Point A (Rangoon Avenue, Shell Cove)	103.5 dBL	Yes	0.490 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	114.4 dBL	Yes	0.347 mm/s	Yes	
22-04-22	11:59	West Pit RL45	726	Monitoring Point A (Rangoon Avenue, Shell Cove)	103.5 dBL	Yes	0.502 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	114.8 dBL	Yes	1.196 mm/s	Yes	
27-04-22	12:05	West Pit RL45	727	Monitoring Point A (Rangoon Avenue, Shell Cove)	110.6 dBL	Yes	0.878 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	104.9 dBL	Yes	0.486 mm/s	Yes	
04-05-22	11:01	West Pit RL32	728	Monitoring Point A (Rangoon Avenue, Shell Cove)	110.6 dBL	Yes	1.189 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	95.92 dBL	Yes	0.379 mm/s	Yes	
11-05-22	11:17	West Pit RL32	729	Monitoring Point A (Rangoon Avenue, Shell Cove)	113.8 dBL	Yes	0.937 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	106.5 dBL	Yes	0.298 mm/s	Yes	
17-05-22	11:06	West Pit RL32	731	Monitoring Point A (Rangoon Avenue, Shell Cove)	110.9 dBL	Yes	0.945 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	103.5 dBL	Yes	0.442 mm/s	Yes	
20-05-22	11:00	South Pit RL45	732	Monitoring Point A (Rangoon Avenue, Shell Cove)	110.0 dBL	Yes	0.376 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	<88.0 dBL	Yes	0.228 mm/s	Yes	
25-05-22	11:00	South Pit RL45	733	Monitoring Point A (Rangoon Avenue, Shell Cove)	108.4 dBL	Yes	0.328 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	107.5 dBL	Yes	0.188 mm/s	Yes	
27-05-22	11:03	West Pit RL18	734	Monitoring Point A (Rangoon Avenue, Shell Cove)	101.9 dBL	Yes	2.021 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	95.82 dBL	Yes	0.473 mm/s	Yes	
03-06-22	11:26	South Pit RL45	735	Monitoring Point A (Rangoon Avenue, Shell Cove)	<88.0 dBL	Yes	0.282 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	102.8 dBL	Yes	0.656 mm/s	Yes	
09-06-22	10:56	South Pit RL45	736	Monitoring Point A (Rangoon Avenue, Shell Cove)	98.8 dBL	Yes	0.180 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	101.9 dBL	Yes	0.408 mm/s	Yes	
16-06-22	11:59	South Pit RL45	737	Monitoring Point A (Rangoon Avenue, Shell Cove)	104.9 dBL	Yes	0.350 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	100.0 dBL	Yes	0.184 mm/s	Yes	
22-06-22	11:09	West Pit RL18	738	Monitoring Point A (Rangoon Avenue, Shell Cove)	101.9 dBL	Yes	3.031 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	95.92 dBL	Yes	0.530 mm/s	Yes	
23-06-22	12:05	West Pit RL32	730	Monitoring Point A (Rangoon Avenue, Shell Cove)	104.2 dBL	Yes	1.077 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	93.98 dBL	Yes	0.393 mm/s	Yes	
29-06-22	11:08	South Pit RL45	739	Monitoring Point A (Rangoon Avenue, Shell Cove)	105.5 dBL	Yes	0.371 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	101.9 dBL	Yes	0.194 mm/s	Yes	
06-07-22	11:14	South Pit RL45	740	Monitoring Point A (Rangoon Avenue, Shell Cove)	114.8 dBL	Yes	0.544 mm/s	Yes	Monitoring affected by environmental conditions
				Monitoring Point B (Killalea State Park, Shell Cove)	120.8 dBL	No	0.221 mm/s	Yes	Rainy, low cloud, wind direction SSW 17kph, gusting 22kph
13-07-22	11:24	West Pit RL18	741	Monitoring Point A (Rangoon Avenue, Shell Cove)	103.5 dBL	Yes	2.324 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	95.92 dBL	Yes	0.523 mm/s	Yes	
20-07-22	11:58	South Pit RL45	742	Monitoring Point A (Rangoon Avenue, Shell Cove)	109.5 dBL	Yes	0.546 mm/s	Yes	

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				Monitoring Point B (Killalea State Park, Shell Cove)	<88.0 dBL	Yes	0.365 mm/s	Yes	
26-07-22	14:16	South Pit RL45	742	Monitoring Point A (Rangoon Avenue, Shell Cove)	101.0 dBL	Yes	0.511 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	95.92 dBL	Yes	0.384 mm/s	Yes	
03-08-22	12:23	West Pit RL 18	746	Monitoring Point A (Rangoon Avenue, Shell Cove)	103.5 dBL	Yes	2.615 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	95.92 dBL	Yes	0.534 mm/s	Yes	
10-08-22	12:08	South Pit RL45	745	Monitoring Point A (Rangoon Avenue, Shell Cove)	104.2 dBL	Yes	0.329 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	<88 dBL	Yes	0.222 mm/s	Yes	
15-08-22	13:02	West Pit RL 18	747	Monitoring Point A (Rangoon Avenue, Shell Cove)	102.8 dBL	Yes	1.072 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	114.2 dBL	Yes	0.094 mm/s	Yes	
17-08-22	13:03	South Pit RL45	744	Monitoring Point A (Rangoon Avenue, Shell Cove)	101.9 dBL	Yes	0.29 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	101 dBL	Yes	0.192 mm/s	Yes	
24-08-22	12:08	South Pit RL45	749	Monitoring Point A (Rangoon Avenue, Shell Cove)	106 dBL	Yes	0.496 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	94 dBL	Yes	0.283 mm/s	Yes	
30-08-22	11:19	South Pit RL45	750	Monitoring Point A (Rangoon Avenue, Shell Cove)	110.9 dBL	Yes	0.263 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	108.4 dBL	Yes	0.352 mm/s	Yes	
31-08-22	12:16	South Pit RL45	751	Monitoring Point A (Rangoon Avenue, Shell Cove)	107.5 dBL	Yes	0.34 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	104.2 dBL	Yes	0.233 mm/s	Yes	
07-09-22	15:01	West Pit RL32	753	Monitoring Point A (Rangoon Avenue, Shell Cove)	115.4 dBL	Yes	0.999 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	103.5 dBL	Yes	0.577 mm/s	Yes	
12-09-22	13:09	West Pit RL18	748	Monitoring Point A (Rangoon Avenue, Shell Cove)	113.8 dBL	Yes	2.704 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	108.0 dBL	Yes	0.294 mm/s	Yes	
14-09-22	13:51	South Pit RL45	754	Monitoring Point A (Rangoon Avenue, Shell Cove)	107.0 dBL	Yes	0.308 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	91.5 dBL	Yes	0.228 mm/s	Yes	
16-09-22	12:32	West Pit RL32	752	Monitoring Point A (Rangoon Avenue, Shell Cove)	104.9 dBL	Yes	0.443 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	107.0 dBL	Yes	0.254 mm/s	Yes	
20-09-22	13:24	West Pit RL32	755	Monitoring Point A (Rangoon Avenue, Shell Cove)	106 dBL	Yes	1.995 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	102.8 dBL	Yes	0.513 mm/s	Yes	
28-09-22	12:04	South Pit RL45	756	Monitoring Point A (Rangoon Avenue, Shell Cove)	108.0 dBL	Yes	0.375 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	98.8 dBL	Yes	0.244 mm/s	Yes	
05-10-22	11:36	West Pit RL32	758	Monitoring Point A (Rangoon Avenue, Shell Cove)	107.5 dBL	Yes	1.362 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	101.9 dBL	Yes	1.006 mm/s	Yes	
12-10-22	11:00	South Pit RL45	757	Monitoring Point A (Rangoon Avenue, Shell Cove)	104.2 dBL	Yes	0.230 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	<88 dBL	Yes	0.208 mm/s	Yes	
19-10-22	12:00	West Pit RL32	759	Monitoring Point A (Rangoon Avenue, Shell Cove)	106.5 dBL	Yes	1.073 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	100.0 dBL	Yes	0.749 mm/s	Yes	
24-10-22	13:17	West Pit RL32	760	Monitoring Point A (Rangoon Avenue, Shell Cove)	108.0 dBL	Yes	0.749 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	94 dBL	Yes	0.509 mm/s	Yes	
24-10-22	15:58	West Pit RL32	760	Monitoring Point A (Rangoon Avenue, Shell Cove)	106.5 dBL	Yes	0.643 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	100.0 dBL	Yes	0.303 mm/s	Yes	
28-10-22	13:30	South Pit RL45	761	Monitoring Point A (Rangoon Avenue, Shell Cove)	113.1 dBL	Yes	0.112 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	108.0 dBL	Yes	0.156 mm/s	Yes	
07-11-22	12:17	West Pit RL32	762	Monitoring Point A (Rangoon Avenue, Shell Cove)	106.5 dBL	Yes	1.351 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	101.0 dBL	Yes	0.764 mm/s	Yes	
14-11-22	13:32	South Pit RL40	763	Monitoring Point A (Rangoon Avenue, Shell Cove)	113.8 dBL	Yes	0.281 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	107.5 dBL	Yes	0.201 mm/s	Yes	
17-11-22	14:03	North Pit RL28	764	Monitoring Point A (Rangoon Avenue, Shell Cove)	110.9 dBL	Yes	1.031 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	112.6 dBL	Yes	0.917 mm/s	Yes	
30-11-22	11:12	North Pit RL 28	765	Monitoring Point A (Rangoon Avenue, Shell Cove)	105.5 dBL	Yes	1.345 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	98.8 dBL	Yes	0.828 mm/s	Yes	
14-12-22	16:34	South Pit RL 26	766	Monitoring Point A (Rangoon Avenue, Shell Cove)	<105 dBL	Yes	<0.500 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	<105 dBL	Yes	<0.500 mm/s	Yes	
21-12-22	12:12	North Pit RL 16	768	Monitoring Point A (Rangoon Avenue, Shell Cove)	107.6 dBL	Yes	1.73 mm/s	Yes	
				Monitoring Point B (Killalea State Park, Shell Cove)	106.5 dBL	Yes	0.97 mm/s	Yes	
				Monitoring Point A (Rangoon Avenue, Shell Cove)					
				Monitoring Point B (Killalea State Park, Shell Cove)					
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