

Blast Monitoring Results 2014 - Bass Point Quarry

As per the Project Approval (Schedule 3; Clause 7), Hanson shall ensure that blasting on the site does not cause exceedances of the following criteria:

Location	Airblast overpressure (dB(Lin Peak))	Ground vibration (mm/s)	Allowable exceedance
Any residence on privately owned land	120	10	0%
	115	5	5% of the total number of blasts over a period of 12 months

Results

Date/Time	Blast Location	Blast #	Monitor Location	Air Blast dBL	Ground Vibration mm/sec
09/07/2014	Western Pit RL18	#290	Shellcove	101.0dbl	2.54mm/s
			Mary St Shellharbour	96.6dbl	1.35mm/s
3/07/2014	North Bench RL36 Redzone	#291	Shellcove	106.0dbl	0.96mm/s
			Mary St Shellharbour	DNR	DNR
17/07/2014	RL36 Production West Pit	#292	Shellcove	Wind Affected	1.05mm/s
			Mary St Shellharbour	106.5dbl	0.47mm/s
31/07/2014	RL36 Production West Pit	#293	Shellcove	114.6dbl	0.805mm/s
			Mary St Shellharbour	104.8dbl	0.38mm/s
6/08/2014	Western Pit RL18	#294	Shellcove	104.9dbl	2.40mm/s
			Mary St Shellharbour	97.6dbl	0.85mm/s
21/08/2014	RL36 Production West Pit	#295	Shellcove	109.5dbl	0.73mm/s
			Mary St Shellharbour	DNR	DNR
29/08/2014	South Bench RL36 Redzone	#297	Shellcove	108.8dbl	0.067mm/s
			Mary St Shellharbour	DNR	DNR
3/09/2014	Western Pit RL18	#296	Shellcove	113.5dbl	2.53mm/s
			Mary St Shellharbour	102.3dbl	2.37mm/s
12/09/2014	RL36 Production West Pit	#298	Shellcove	108.4dbl	0.536mm/s
			Mary St Shellharbour	111.7dbl	0.41mm/s
19/09/2014	RL36 Production West Pit	#299	Shellcove	115.0dbl	1.01mm/s
			Mary St Shellharbour	114.6dbl	0.393mm/s
30/09/2014	RL18 Floor Shot	#300	Shellcove	111.8dbl	0.578mm/s
			Mary St Shellharbour	105.0dbl	0.41mm/s
30/09/2014	RL36 Production West Pit	#301	Shellcove	111.8dbl	0.578mm/s
			Mary St Shellharbour	105.0dbl	0.41mm/s
21/10/2014	RL36 Production West Pit	#302	Shellcove	111.8dbl	0.578mm/s
			Mary St Shellharbour	106.5dbl	0.0794mm/s
29/10/2014	South Bench RL36 Redzone	#303	Shellcove	112.3dbl	0.57mm/s
			Mary St Shellharbour	106.5dbl	0.21mm/s
4/11/2014	RL36 Production West Pit	#304	Shellcove	Wind Affected	0.476mm/s
			Mary St Shellharbour	DNR	DNR
18/11/2014	RL36 Production West Pit	#305	Shellcove	115.0dbl	0.96mm/s
			Mary St Shellharbour	107.0dbl	0.303mm/s
27/11/2014	RL36 Production West Pit	#306	Shellcove	110.9dbl	0.984mm/s
			Mary St Shellharbour	107.0dbl	0.437mm/s
3/12/2014	RL36 Production West Pit	#307	Shellcove	112.8dbl	0.718mm/s
			Mary St Shellharbour	104.2dbl	0.74mm/s
18/12/2014	RL36 Production West Pit	#308	Shellcove	104.9dbl	0.557mm/s
			Mary St Shellharbour	DNR	DNR