

Blast Monitoring Results 2015 - 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	Comment
13/01/2015	RL36 West Pit Production	#309	Shellcove	113.1dbl	0.731mm/s	
			Mary St Shellharbour	106.0dbl	0.885mm/s	
21/01/2015	RL36 West Pit Production	#310	Shellcove	110.6dbl	1.08mm/s	
			Mary St Shellharbour	107.0dbl	0.438mm/s	
28/01/2015	RL36 West Pit Production	#311	Shellcove	115.9dbl	0.921mm/s	
			Mary St Shellharbour	109.5dbl	0.467mm/s	
4/02/2015	RL36 West Pit Production	#312	Shellcove	113.8dbl	0.664mm/s	
			Mary St Shellharbour	104.0dbl	0.679mm/s	
11/02/2015	RL36 West Pit Production	#313	Shellcove	103.5dbl	0.237mm/s	
			Mary St Shellharbour	108.4dbl	0.854mm/s	
27/02/2015	RL36 West Pit Production	#314	Shellcove	104.9dbl	0.503mm/s	
			Mary St Shellharbour	104.2dbl	0.437mm/s	
4/03/2015	RL36 West Pit Production	#315	Shellcove	108.0dbl	0.373mm/s	
			Mary St Shellharbour	108.8dbl	0.364mm/s	
18/03/2015	RL36 West Pit Production	#316	Shellcove	111.8dbl	0.331mm/s	
			Mary St Shellharbour	109.9dbl	0.435mm/s	
1/04/2015	RL36 West Pit Production	#317	Shellcove	106.5dbl	0.875mm/s	
			Mary St Shellharbour	97.5dbl	0.306mm/s	
15/04/2015	RL36 West Pit Production	#319	Shellcove	109.2dbl	0.499mm/s	
			Mary St Shellharbour	101.0dbl	0.48mm/s	
29/04/2015	RL36 West Pit Production	#318	Shellcove	109.9dbl	1.25mm/s	
			Mary St Shellharbour	104.2dbl	0.474mm/s	
11/05/2015	RL36 West Pit Production	#320	Shellcove	105.5dbl	0.7mm/s	
			Mary St Shellharbour	106.0dbl	0.506mm/s	
20/05/2015	RL36 West Pit Production	#321	Shellcove	108.8dbl	0.815mm/s	
			Mary St Shellharbour	102.8dbl	0.285mm/s	
27/05/2015	RL36 West Pit Production	#322	Shellcove	104.9dbl	0.668mm/s	
			Mary St Shellharbour	97.5dbl	0.741mm/s	
10/06/2015	RL36 West Pit Production	#323	Shellcove	117.6dbl	0.822mm/s	
			Mary St Shellharbour	110.6dbl	0.672mm/s	
18/06/2015	RL36 West Pit Production	#324	Shellcove	110.2dbl	0.966mm/s	
			Mary St Shellharbour	103.5dbl	0.344mm/s	
1/07/2015	RL36 West Pit Production	#325	Shellcove	98.8dbl	0.451mm/s	
			Mary St Shellharbour	106.1dbl	0.48mm/s	
8/07/2015	RL36 West Pit Production	#326	Shellcove	112.6dbl	1.11mm/s	
			Mary St Shellharbour	DNR	DNR	
22/07/2015	RL36 West Pit Production	#327	Shellcove	105.5dbl	0.972mm/s	
			Mary St Shellharbour	101.2dbl	0.95mm/s	
5/08/2015	RL36 West Pit Production	#328	Shellcove	113.5dbl	0.645mm/s	
			Mary St Shellharbour	DNR	DNR	
12/08/2015	RL36 West Pit Production	#329	Shellcove	104.9dbl	0.671mm/s	
			Mary St Shellharbour	DNR	DNR	
20/08/2015	RL36 West Pit Production	#330	Shellcove	103.5dbl	1.49mm/s	
			Mary St Shellharbour	101.7dbl	0.61mm/s	
1/09/2015	RL36 West Pit Production	#331	Shellcove	107.0dbl	DNR	
			Mary St Shellharbour	100.5dbl	0.38mm/s	
9/09/2015	RL36 West Pit Production	#332	Shellcove	106.5dbl	1.14mm/s	
			Mary St Shellharbour	100.6dbl	0.62mm/s	
16/09/2015	RL36 West Pit Production	#333	Shellcove	109.2dbl	0.940mm/s	
			Mary St Shellharbour	99.3dbl	0.93mm/s	
7/10/2015	RL46 West Pit Production	#334	Shellcove	108.4dbl	0.756mm/s	
			Mary St Shellharbour	107.3dbl	0.40mm/s	
23/09/2015	RL36 West Pit Production	#335	Shellcove	114.0dbl	1.13mm/s	
			Mary St Shellharbour	105.3dbl	0.43mm/s	
30/09/2015	RL36 West Pit Production	#336	Shellcove	101.0dbl	0.754mm/s	
			Mary St Shellharbour	102.3dbl	0.54mm/s	
15/10/2015	RL36 West Pit Production	#337	Shellcove	107.0dbl	1.08mm/s	
			Mary St Shellharbour	102.8dbl	0.54mm/s	
21/10/2015	RL36 West Pit Production	#338	Shellcove	94.0dbl	0.802mm/s	
			Mary St Shellharbour	94.6dbl	0.41mm/s	
28/10/2015	RL46 West Pit Production	#339	Shellcove	110.9dbl	0.362mm/s	
			Mary St Shellharbour	DNR	DNR	
6/11/2015	RL46 West Pit Production	#340	Shellcove	95.9dbl	0.51mm/s	
			Mary St Shellharbour	97.1dbl	0.31mm/s	
11/11/2015	RL36 East Pit Production	#341	Shellcove	102.8dbl	0.986dbl	
			Mary St Shellharbour	110.8dbl	0.7mm/s	
18/11/2015	RL36 West Pit Production	#342	Shellcove	104.2dbl	0.496mm/s	
			Mary St Shellharbour	DNR	DNR	
20/11/2015	RL36 West Pit Production	#343	Shellcove	106.5dbl	0.672mm/s	
			Mary St Shellharbour	DNR	DNR	
25/11/2015	RL36 West Pit Production	#344	Shellcove	DNR	DNR	
			Mary St Shellharbour	DNR	DNR	
26/11/2015	RL46 West Pit Production	#345	Shellcove	110.2dbl	0.268mm/s	
			Mary St Shellharbour	DNR	DNR	
2/12/2015	RL36 East Pit Production	#347	Shellcove	116.4dbl	0.773mm/s	SE wind 40kph - wind affected monitoring
			Mary St Shellharbour	108.4dbl	0.47mm/s	