

NOISE MONITORING CARRIED OUT ON THE 4TH MAY 2006 AT CALGA QUARRY

On the 4th May 2006 noise monitoring was carried out at Selected residents around the Calga quarry from 10am to 4pm. On the 9th of May noise monitoring was carried out from 5am and 7am.

Noise monitoring was undertaken using a Bruel & Kjaer types 2238 Mediator. The noise meter was calibrated before each use; no significant system drift was noted over the measurement period.

PERSONELL CONDUCTING MEASUREMENTS

Noise monitoring was carried out by Craig Millikan, an employee of Rocla Quarry Products.

READINGS TAKEN DURING MONITORING

Location	Lot No	Parameter to be analysed	Criteria (Day)	Criteria (Night)	Reading
CN – 1		L _{Aeq} (15min)	41		39.7
		L _{A1} (1min)		35	33
CN – 2		L _{Aeq} (15min)	40		38.1
		L _{A1} (1min)		35	33.1
CN – 3		L _{Aeq} (15min)	39		37.3
		L _{A1} (1min)		35	34.1
CN - 4		L _{Aeq} (15min)	35		32.2
		L _{A1} (1min)		35	30.7

Monitoring conducted showed that there were no parameters exceeded.

EQUIPMENT IN USE DURING MONITORING

When monitoring was conducted on the 4th May (day hours) the following equipment was in operation.

- Komatsu 475A Bulldozer
- Cat 330C Excavator
- Cat 966G FEL
- Cat 972G FEL
- Commander 510 Power screen
- Wash plant
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When monitoring was conducted on the 9th May (night hours) no equipment was in operation.