

July 2016 Blast Monitoring



Date of blast monitoring	Location	Overpressure Reading (dB)L	Ground Vibration peak particle velocity (PPV) (mm/s)	Comments
		EPA requirements: - Readings must not >125dB at any time - Overpressure level must not exceed 120dB for 95% of blasts over each reporting period (calendar month)	EPA Requirements: c) PPV must not >10mm/second at any time d) GPPV must not exceed 5mm/s for 95% of blasts over each reporting period (calendar month)	
28/07/2016	Wave 3 (FKG) Tyndale Cut - Location A - 2991 PHWY	131.6	4.191	Exceedence at monitor A. Corrective actions such as ensuring the full depth of blast is within sound rock material and a revised stemming aggregate size have been implemented.
	Wave 3 (FKG) Tyndale Cut - Location B	137.0	2.956	Exceedence at monitor B. Corrective actions such as ensuring the full depth of blast is within sound rock material and a revised stemming aggregate size have been implemented.
	Wave 3 (FKG) Tyndale Cut - Location C - 130 Fitz	128.2	4.445	Exceedence at monitor C. Corrective actions such as ensuring the full depth of blast is within sound rock material and a revised stemming aggregate size have been implemented.
	Wave 3 (FKG) Tyndale Cut - Location D - 2963 PHWY	130.3	3.048	Exceedence at monitor D. Corrective actions such as ensuring the full depth of blast is within sound rock material and a revised stemming aggregate size have been implemented.