

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_067
Date: 24-Dec-15
Blast Time: 13:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1000 m
Boundary Layer Height: None m
Cloud Cover: 75% Cloudy
Wind Speed: 25 km/hr
Wind Direction: S
Temperature: 3.1 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	62.2 LAeq	121.4 dB
Edwards:	61.8 LAeq	123.0 dB
Fred:	59.7 LAeq	127.3 dB
Hollinger Office:	70.1 LAeq	126.3 dB
Noah:	66.9 LAeq	128.3 dB
Sandy:	65.7 LAeq	124.6 dB
Water Tower:	64.1 LAeq	126.9 dB
Wilson:	60.3 LAeq	124.6 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.6	2.9	0.0	0.0
Edwards:	1.0	1.3	0.5	1.6
Hollinger Office:	13.4	19.3	18.5	27.5
Hollinger Park:	4.0	4.3	3.2	5.4
Sandy:	1.8	1.9	0.7	3.4

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.0	0.0
Edwards:	0.0	0.0
Hollinger Office:	4.3	5.0
Hollinger Park:	2.3	2.8
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.4
Edwards:	0.3	0.4	0.2
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	1.9	0.2	0.4
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.2	0.5
Moneta Pumping Station:	1.0	0.7	1.2
Sandy:	4.4	3.3	4.4
Water Tower:	0.7	0.3	0.6
Wilson:	1.1	0.6	1.3