

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_126
Date: 7-Sep-15
Blast Time: 15:39
Blast Sign Activation: 7:30
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 945 m
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 4.6 km/hr
Wind Direction: NE
Temperature: 24.6 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	53.4 LAeq	107.6 dB
Edwards:	48.9 LAeq	107.5 dB
Fred:	42.4 LAeq	100.8 dB
Hollinger Office:	65.5 LAeq	107.5 dB
Noah:	60.0 LAeq	105.2 dB
Sandy:	51.5 LAeq	113.4 dB
Water Tower:	51.1 LAeq	110.4 dB
Wilson:	48.7 LAeq	106.1 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:	2.8	3.0	6.4	7.1
Edwards:	2.3	2.5	6.1	9.1
Hollinger Office:	3.5	4.1	18.7	19.3
Hollinger Park:	4.0	5.3	7.3	10.2
Sandy:	2.5	3.6	30.6	34.4

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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:	1.1	1.7
Edwards:	0.7	2.1
Hollinger Office:	1.1	1.6
Hollinger Park:	0.8	1.3
Sandy:	5.5	18.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.0
Hollinger West:	0.0	0.0	0.0
Imerys:	0.1	0.1	0.1
Noah:	0	0	0.1
Moneta Pumping Station:	0.1	0.1	0.0
Sandy:	0.1	0.3	0.1
Water Tower:	0.0	0.1	0.1
Wilson:	0.0	0.1	0.1