

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_154
Date: 27-Oct-16
Blast Time: 15:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5486
Boundary Layer Height: none
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: E
Temperature: 5.7 °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:	55.8 LAeq	98.2 dB
Edwards:	54.4 LAeq	99.4 dB
Fred:	42.4 LAeq	97.6 dB
Hollinger Office:	58.2 LAeq	105.2 dB
Noah:	61.7 LAeq	95.0 dB
Sandy:	60.6 LAeq	108.3 dB
Water Tower:	49.1 LAeq	121.3 dB
Wilson:	58.4 LAeq	102.8 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.7	2.1	0.5	1.6
Edwards:	0.5	1.0	8.6	13.0
Hollinger Office:	3.7	6.6	4.2	6.1
Hollinger Park:	4.1	13.0	8.0	17.4
Sandy:	1.4	3.7	4.7	9.4

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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:	0.2	0.5
Edwards:	0.6	0.9
Hollinger Office:	7.2	13.1
Hollinger Park:	5.6	14.5
Sandy:	1.2	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.5	0.4	0.5
Imerys:	0.7	1.5	1.4
Noah:	3.9	2.8	1.0
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.4	0.2
Water Tower:	2.6	2.0	3.3
Wilson:	1.1	1.2	0.8