

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_034
Date: 8-Sep-15
Blast Time: 11:38
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 5395 m
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 5.4 km/hr
Wind Direction: NE
Temperature: 19.8 °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:	55.1 LAeq	104.6 dB
Edwards:	50.3 LAeq	99.2 dB
Fred:	44.3 LAeq	88.5 dB
Hollinger Office:	58.5 LAeq	115.0 dB
Noah:	63.0 LAeq	113.6 dB
Sandy:	53.9 LAeq	108.9 dB
Water Tower:	53.1 LAeq	119.6 dB
Wilson:	50.7 LAeq	107.6 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.6	3.8	10.1	10.7
Edwards:	6.5	8.7	6.1	7.3
Hollinger Office:	4.1	6.6	23.8	34.1
Hollinger Park:	5.7	13.4	9.1	24.7
Sandy:	5.1	14.9	32.6	44.6

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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:	0.9	1.7
Edwards:	1.0	1.6
Hollinger Office:	3.5	10.7
Hollinger Park:	1.4	3.2
Sandy:	7.9	37.8

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	0.1
Hollinger Office:	0.1	0.0	0.0
Hollinger West:	0.0	0.0	0.0
Imerys:	0.1	0.1	0.2
Noah:	0.1	0.1	0.2
Moneta Pumping Station:	0.0	0.0	0.0
Sandy:	0.1	0.2	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.1	0.2	0.2