

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_104
Date: 30-Oct-15
Blast Time: 15:38
Blast Sign Activation: 7:45
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 518 m
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 8.7 km/hr
Wind Direction: NE
Temperature: 2.8 °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:	56.5 LAeq	105.7 dB
Edwards:	62.1 LAeq	107.9 dB
Fred:	46.4 LAeq	102.1 dB
Hollinger Office:	60.3 LAeq	105.3 dB
Noah:	62.7 LAeq	104.4 dB
Sandy:	59.9 LAeq	109.7 dB
Water Tower:	52.9 LAeq	112.8 dB
Wilson:	49.4 LAeq	106.5 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.4	3.6	3.0	3.7
Edwards:	2.7	3.9	5.1	8.7
Hollinger Office:	19.0	35.3	18.1	30.0
Hollinger Park:	9.6	13.4	26.6	46.8
Sandy:	2.2	2.9	3.2	6.7

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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:	1.4	3.4
Edwards:	9.2	12.8
Hollinger Office:	8.7	13.7
Hollinger Park:	3.2	5.2
Sandy:	0.6	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.3	0.2	0.3
Imerys:	0.3	0.4	0.3
Noah:	0.2	0.2	0.4
Moneta Pumping Station:	6.6	3.4	4.7
Sandy:	3.8	6.1	5.4
Water Tower:	0.2	0.6	0.3
Wilson:	0.5	0.9	0.5