

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_046 and 3382_053
Date: 8-Jul-15
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: None m
Boundary Layer Height: None m
Cloud Cover: 0% Clear
Wind Speed: 8 km/hr
Wind Direction: SW
Temperature: 22 °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:	55.9 LAeq	100.9 dB
Edwards:	48.2 LAeq	98.4 dB
Fred:	49.2 LAeq	93.3 dB
Hollinger Office:	62.2 LAeq	107.2 dB
Noah:	61.5 LAeq	111.2 dB
Sandy:	50.6 LAeq	114.3 dB
Water Tower:	53.1 LAeq	117.2 dB
Wilson:	51.0 LAeq	109.3 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.2	16.6	24.7	28.2
Edwards:	11.3	13.1	26.6	30.2
Hollinger Office:	23.4	38.1	30.8	54.3
Hollinger Park:	13.8	18.3	34.1	43.2
Sandy:	9.7	11.1	31.5	37.0

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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:	0.6	1.4
Edwards:	4.4	8.6
Hollinger Office:	5.4	13.9
Hollinger Park:	4.6	7.1
Sandy:	0.7	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: Exceedance at Water Tower 13.6 mm/s. Under Investigation MOE and City of Timmins n

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.8	0.4	0.8
Hollinger Office:	1.3	1.6	1.3
Hollinger West:	0.6	0.7	0.7
Imerys:	2.3	3.4	2.9
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	3.5	2.5	4.1
Sandy:	2.7	2.0	2.6
Water Tower:	5.0	5.6	13.6
Wilson:	1.5	1.0	1.3

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