

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_104/PS
Date: 13-Aug-16
Blast Time: 15:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5486 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 8 km/hr
Wind Direction: NE
Temperature: 20.7 °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: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	53.8 LAeq	107.0 dB
Edwards:	52.1 LAeq	103.1 dB
Fred:	43.8 LAeq	100.2 dB
Hollinger Office:	55.8 LAeq	112.3 dB
Noah:	60.2 LAeq	105.9 dB
Sandy:	51.1 LAeq	114.6 dB
Water Tower:	58.2 LAeq	107.4 dB
Wilson:	48.9 LAeq	105.5 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:	4.8	8.9	16.6	20.6
Edwards:	7.5	12.1	14.9	29.2
Hollinger Office:	3.3	5.2	6.6	12.3
Hollinger Park:	25.6	49.2	30.1	57.5
Sandy:	9.4	23.7	13.4	30.5

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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:	0.3	0.6
Edwards:	0.0	0.1
Hollinger Office:	0.6	0.8
Hollinger Park:	3.2	7.0
Sandy:	4.9	14.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.3	0.2	0.3
Imerys:	0.4	0.2	0.4
Noah:	0.7	0.3	0.7
Moneta Pumping Station:	4.1	1.8	4.6
Sandy:	2.3	1.5	2.3
Water Tower:	0.6	0.3	0.6
Wilson:	1.4	1.2	1.8