

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_077
Date: 12-Feb-17
Blast Time: 13:32
Blast Sign Activation: 7:50
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 274 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 8.7 km/hr
Wind Direction: NW
Temperature: -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:	46.7 LAeq	95.7 dB
Edwards:	52.3 LAeq	93.4 dB
Fred:	40.3 LAeq	91.2 dB
Hollinger Office:	64.5 LAeq	101.9 dB
Noah:	58.7 LAeq	101.9 dB
Sandy:	44.6 LAeq	106.9 dB
Water Tower:	48.5 LAeq	116.6 dB
Wilson:	57.3 LAeq	101.9 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:	8.1	9.2	4.8	5.7
Edwards:	6.6	7.6	8.4	9.4
Hollinger Office:	19.6	51.8	19.6	128.6
Hollinger Park:	0.0	0.0	0.0	0.0
Sandy:	5.4	6.3	6.5	7.2

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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:	4.5	5.7
Edwards:	4.3	6.5
Hollinger Office:	18.8	48.2
Hollinger Park:	0.0	0.0
Sandy:	1.6	2.6

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:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.5
Hollinger West:	0.5	0.3	0.5
Imerys:	0.8	0.6	0.6
Noah:	1.4	0.7	0.8
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.8	1.3	0.8
Water Tower:	0.9	1.0	0.7
Wilson:	1.0	0.9	1.8