

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358-082
Date: 20-Feb-17
Blast Time: 11:32
Blast Sign Activation: 7:37
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 10.5 km/hr
Wind Direction: NW
Temperature: -4.2 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	60.4 LAeq	106.6 dB
Edwards:	45.7 LAeq	101.1 dB
Fred:	40.7 LAeq	97.4 dB
Hollinger Office:	63.9 LAeq	106.6 dB
Noah:	61.0 LAeq	101.5 dB
Sandy:	47.8 LAeq	105.1 dB
Water Tower:	46.0 LAeq	108.2 dB
Wilson:	49.7 LAeq	94.1 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:	7.5	12.6	7.4	16.1
Edwards:	3.4	6.2	12.1	26.8
Hollinger Office:	4.8	6.5	5.7	9.9
Hollinger Park:	4.5	6.2	11.3	19.2
Sandy:	2.0	2.3	2.4	3.4

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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:	4.0	5.5
Edwards:	0.9	1.4
Hollinger Office:	9.1	21.6
Hollinger Park:	10.8	21.3
Sandy:	1.9	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	n/a	n/a	n/a
Edwards:	n/a	n/a	n/a
Hollinger Office:	n/a	n/a	n/a
Hollinger West:	n/a	n/a	n/a
Imerys:	n/a	n/a	n/a
Noah:	0.2	0.4	0.1
Moneta Pumping Station:	0.6	0.3	0.4
Sandy:	n/a	n/a	n/a
Water Tower:	n/a	n/a	n/a
Wilson:	n/a	n/a	n/a