

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_212B/3364_213
Date: 4-Feb-17
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 762 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: SW
Temperature: -12.1 °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:	51.9 LAeq	102.3 dB
Edwards:	48.5 LAeq	97.7 dB
Fred:	42.1 LAeq	102.8 dB
Hollinger Office:	57.1 LAeq	104.5 dB
Noah:	59.9 LAeq	108.2 dB
Sandy:	49.2 LAeq	101.5 dB
Water Tower:	49.6 LAeq	123.6 dB
Wilson:	68.8 LAeq	115.7 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:	4.2	4.5	0.7	1.9
Edwards:	6.6	11.5	7.5	19.7
Hollinger Office:	11.1	16.4	15.8	40.3
Hollinger Park:	1.8	2.0	2.4	3.2
Sandy:	4.3	8.5	7.1	13.2

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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:	1.7	3.2
Edwards:	8.1	12.0
Hollinger Office:	14.3	17.7
Hollinger Park:	4.8	8.1
Sandy:	2.6	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.2	0.2	0.3
Imerys:	0.7	0.5	0.8
Noah:	0.9	1.1	1.2
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.3	0.5	0.2
Water Tower:	0.7	1.2	0.9
Wilson:	0.7	0.7	0.7