

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_215
Date: 14-Feb-17
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 518 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: -1.8 °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:	49.2 LAeq	101.5 dB
Edwards:	45.8 LAeq	97.3 dB
Fred:	45.8 LAeq	96.3 dB
Hollinger Office:	53.3 LAeq	115.3 dB
Noah:	59.2 LAeq	101.4 dB
Sandy:	50.2 LAeq	104.8 dB
Water Tower:	50.4 LAeq	110.2 dB
Wilson:	53.9 LAeq	96.3 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:	6.5	7.1	4.8	5.8
Edwards:	3.8	4.7	6.4	6.8
Hollinger Office:	13.8	38.0	13.9	65.7
Hollinger Park:	0.0	0.0	0.0	0.0
Sandy:	4.5	4.7	5.1	5.9

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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:	3.5	4.7
Edwards:	0.9	1.9
Hollinger Office:	11.4	17.3
Hollinger Park:	0.0	0.0
Sandy:	4.5	6.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.2	2.1	3.0
Hollinger West:	0.1	0.1	0.1
Imerys:	0.5	0.4	0.5
Noah:	0.8	0.5	1.0
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.4	0.1
Water Tower:	0.2	0.3	0.3
Wilson:	0.4	0.3	0.5