

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358-052
Date: 19-Feb-17
Blast Time: 11:36
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 335 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 16 km/hr
Wind Direction: N
Temperature: -1.4 °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:	54.8 LAeq	105.6 dB
Edwards:	50.6 LAeq	98.0 dB
Fred:	44.9 LAeq	105.0 dB
Hollinger Office:	61.9 LAeq	104.8 dB
Noah:	58.6 LAeq	106.6 dB
Sandy:	56.0 LAeq	108.8 dB
Water Tower:	49.3 LAeq	114.8 dB
Wilson:	58.1 LAeq	107.7 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:	8.3	9.3	4.8	5.9
Edwards:	6.5	7.1	9.7	10.7
Hollinger Office:	8.6	9.4	9.8	11.0
Hollinger Park:	6.8	9.7	7.1	10.7
Sandy:	7.3	11.0	7.4	14.8

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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:	3.2	4.4
Edwards:	0.7	1.3
Hollinger Office:	2.2	3.0
Hollinger Park:	2.5	3.4
Sandy:	6.4	15.4

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:	0.1	0.1	0.1
Hollinger Office:	0.4	0.5	0.5
Hollinger West:	0.5	0.4	0.4
Imerys:	0.8	1.8	1.1
Noah:	2.0	2.2	1.8
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.3	0.5	0.3
Water Tower:	4.6	7.3	3.5
Wilson:	1.4	1.4	1.2