

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_066
Date: 11-Feb-17
Blast Time: 11:32
Blast Sign Activation: 7:35
Website Notification Time: 7:19

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 4.6 km/hr
Wind Direction: S
Temperature: -11.1 °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:	50.4 LAeq	105.5 dB
Edwards:	42.4 LAeq	101.5 dB
Fred:	40.1 LAeq	92.0 dB
Hollinger Office:	60.6 LAeq	112.0 dB
Noah:	58.2 LAeq	103.3 dB
Sandy:	57.1 LAeq	112.4 dB
Water Tower:	46.6 LAeq	114.3 dB
Wilson:	59.3 LAeq	107.2 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.7	6.7	2.4	2.6
Edwards:	3.0	3.5	8.4	11.7
Hollinger Office:	8.7	9.3	7.2	9.8
Hollinger Park:	0.0	0.0	0.0	0.0
Sandy:	5.9	13.3	6.5	13.4

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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:	3.5	4.0
Edwards:	2.5	3.8
Hollinger Office:	8.2	15.5
Hollinger Park:	0.0	0.0
Sandy:	9.1	14.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.4	0.6
Hollinger West:	0.4	0.3	0.5
Imerys:	0.6	0.6	0.5
Noah:	0.8	0.5	0.9
Moneta Pumping Station:	1.0	0.6	0.7
Sandy:	1.1	1.5	1.3
Water Tower:	0.6	0.5	0.3
Wilson:	1.4	1.8	1.4