

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_117 and 3352_062
Date: 7-Aug-17
Blast Time: 11:35
Blast Sign Activation: 7:35
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 365 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 6 km/hr
Wind Direction: S
Temperature: 16.4 °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:	52.5 LAeq	101.5 dB
Edwards:	44.5 LAeq	95.0 dB
Fred:	40.6 LAeq	92.6 dB
Hollinger Office:	54.9 LAeq	107.7 dB
Noah:	59.7 LAeq	100.5 dB
Sandy:	49.3 LAeq	108.5 dB
Water Tower:	50.4 LAeq	105.6 dB
Wilson:	45.4 LAeq	104.6 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.0	3.6	0.0	0.0
Edwards:	4.3	6.5	7.3	13.9
Hollinger Office:	8.1	15.6	9.1	26.3
Sandy:	1.8	3.3	1.6	4.1

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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:	1.9	2.9
Edwards:	3.6	8.0
Hollinger Office:	5.0	13.7
Sandy:	1.7	3.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.2	0.5
Hollinger West:	3.1	1.5	3.8
Imerys:	2.0	1.4	3.8
Noah:	1.3	0.9	1.0
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	0.6	0.4	0.6
Water Tower:	2.7	1.6	2.9
Wilson:	3.5	2.3	2.4