

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_044/070
Date: 25-Oct-15
Blast Time: 15:38
Blast Sign Activation: 8:15
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 670 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: 6.7 °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:	56.8 LAeq	107.6 dB
Edwards:	50.1 LAeq	105.6 dB
Fred:	46.0 LAeq	102.4 dB
Hollinger Office:	58.1 LAeq	115.6 dB
Noah:	61.2 LAeq	105.5 dB
Sandy:	67.1 LAeq	112.8 dB
Water Tower:	50.3 LAeq	111.5 dB
Wilson:	47.5 LAeq	111.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.7	2.9	7.3	7.6
Edwards:	1.7	1.9	12.0	13.9
Hollinger Office:	0.9	3.0	2.3	7.5
Hollinger Park:	3.1	3.6	5.7	9.5
Sandy:	2.0	2.4	0.9	2.9

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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:	0.6	1.2
Edwards:	0.7	1.3
Hollinger Office:	2.2	2.9
Hollinger Park:	2.3	2.9
Sandy:	1.6	3.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.4
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.8	0.5	1.1
Hollinger West:	0.3	0.2	0.5
Imerys:	0.7	0.4	0.7
Noah:	0.6	0.2	0.7
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	6.7	9.1	5.8
Water Tower:	0.6	0.3	0.7
Wilson:	1.0	0.6	0.8