

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_154
Date: 21-Aug-16
Blast Time: 15:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 304 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 5 km/hr
Wind Direction: W
Temperature: 9.9 °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:	59.2 LAeq	109.0 dB
Edwards:	54.7 LAeq	101.9 dB
Fred:	50.9 LAeq	113.5 dB
Hollinger Office:	59.2 LAeq	113.6 dB
Noah:	63.6 LAeq	111.4 dB
Sandy:	64.0 LAeq	114.0 dB
Water Tower:	55.4 LAeq	122.3 dB
Wilson:	51.0 LAeq	115.9 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.8	2.9	0.0	0.2
Edwards:	3.4	3.7	3.2	3.5
Hollinger Office:	3.5	3.8	2.8	3.4
Hollinger Park:	5.1	5.5	3.7	5.1
Sandy:	5.4	8.3	11.0	12.6

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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:	0.2	0.6
Edwards:	0.0	0.0
Hollinger Office:	1.2	3.6
Hollinger Park:	1.7	3.0
Sandy:	0.7	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.4	0.6	1.1
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.4	0.8
Noah:	0.7	0.4	0.9
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.4	0.2
Water Tower:	0.3	0.2	0.6
Wilson:	0.7	0.4	0.7