

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_188
Date: 17-Oct-16
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 152
Boundary Layer Height: none
Cloud Cover: 100% Overcast
Wind Speed: 9
Wind Direction: E
Temperature: 1.7 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	56.9 LAeq	106.6 dB
Edwards:	51.7 LAeq	111.4 dB
Fred:	47.2 LAeq	112.3 dB
Hollinger Office:	61.6 LAeq	115.8 dB
Noah:	62.1 LAeq	112.9 dB
Sandy:	56.0 LAeq	114.1 dB
Water Tower:	60.1 LAeq	114.6 dB
Wilson:	52.7 LAeq	104.8 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.5	1.9	2.2	2.7
Edwards:	2.4	2.5	2.7	3.8
Hollinger Office:	6.7	20.7	4.8	6.1
Hollinger Park:	7.5	14.0	8.7	23.4
Sandy:	4.4	5.4	2.4	4.3

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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	1.0
Edwards:	0.4	1.2
Hollinger Office:	3.1	4.2
Hollinger Park:	8.6	20.4
Sandy:	1.7	4.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.7	0.3	1.1
Hollinger West:	0.5	0.3	0.6
Imerys:	1	0.7	1
Noah:	1.2	0.6	1.1
Moneta Pumping Station:	1.4	1.7	1.1
Sandy:	0.8	0.3	0.4
Water Tower:	0.4	0.3	0.4
Wilson:	2	1.7	1.3