

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_189
Date: 15-Oct-16
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 365
Boundary Layer Height: none
Cloud Cover: 100% Overcast
Wind Speed: 15.9
Wind Direction: NE
Temperature: 12.7 °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:	57.6 LAeq	109.2 dB
Edwards:	56.2 LAeq	110.7 dB
Fred:	47.6 LAeq	110.7 dB
Hollinger Office:	69.0 LAeq	118.1 dB
Noah:	60.2 LAeq	114.7 dB
Sandy:	54.2 LAeq	112.4 dB
Water Tower:	57.3 LAeq	117.6 dB
Wilson:	54.5 LAeq	112.7 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.9	6.9	9.8	11.4
Edwards:	7.0	7.4	11.0	12.0
Hollinger Office:	17.5	52.1	20.4	69.1
Hollinger Park:	9.4	10.9	14.2	17.1
Sandy:	8.5	8.9	8.7	10.5

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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:	1.1	1.9
Edwards:	0.6	1.2
Hollinger Office:	7.4	41.4
Hollinger Park:	2.2	2.6
Sandy:	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.2	0.7
Hollinger West:	0.4	0.4	0.4
Imerys:	0.6	0.7	0.6
Noah:	0.9	0.7	1.0
Moneta Pumping Station:	2.3	2	3.1
Sandy:	1.0	0.3	0.6
Water Tower:	1.3	0.5	0.8
Wilson:	1.2	2.2	1.7