

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_91
Date: 21-Oct-16
Blast Time: 11:32
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 213
Boundary Layer Height: none
Cloud Cover: 100% Overcast
Wind Speed: 9.9 km/hr
Wind Direction: S
Temperature: 10.4 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	57.5 LAeq	101.7 dB
Edwards:	62.8 LAeq	99.3 dB
Fred:	49.2 LAeq	102.0 dB
Hollinger Office:	57.8 LAeq	106.3 dB
Noah:	62.5 LAeq	99.1 dB
Sandy:	56.9 LAeq	111.5 dB
Water Tower:	52.1 LAeq	106.4 dB
Wilson:	53.2 LAeq	106.0 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.7	1.1	0.5	1.2
Edwards:	2.5	2.7	3.1	4.5
Hollinger Office:	4.3	6.4	8.7	12.5
Hollinger Park:	10.9	15.9	13.0	21.6
Sandy:	14.3	23.3	11.4	25.6

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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:	0.1	0.4
Edwards:	0.7	1.1
Hollinger Office:	3.4	5.2
Hollinger Park:	5.4	10.8
Sandy:	7.3	19.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.4	0.2	0.3
Imerys:	0.5	0.4	0.5
Noah:	0.7	0.5	0.8
Moneta Pumping Station:	1.1	1	1.1
Sandy:	1.5	2.1	2.4
Water Tower:	0.8	0.5	1.1
Wilson:	2.2	1.8	1.3