

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_194
Date: 25-Oct-16
Blast Time: 15:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1097
Boundary Layer Height: none
Cloud Cover: 75% Cloudy
Wind Speed: 19 km/hr
Wind Direction: NW
Temperature: 18.1 °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:	58.7 LAeq	106.0 dB
Edwards:	55.3 LAeq	104.6 dB
Fred:	48.4 LAeq	109.3 dB
Hollinger Office:	56.7 LAeq	109.0 dB
Noah:	LAeq	dB
Sandy:	56.4 LAeq	110.5 dB
Water Tower:	64.1 LAeq	118.3 dB
Wilson:	59.8 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:	1.7	2.1	0.7	1.0
Edwards:	5.3	5.7	3.5	6.3
Hollinger Office:	9.9	16.9	6.4	11.7
Hollinger Park:	6.1	8.1	10.5	22.5
Sandy:	5.5	11.8	3.6	11.9

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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:	0.1	0.6
Edwards:	0.6	1.1
Hollinger Office:	3.0	4.5
Hollinger Park:	5.4	9.3
Sandy:	5.4	15.5

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:	0.1	0.2	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.4	0.2	0.3
Imerys:	0.4	0.4	0.5
Noah:	0.5	0.5	0.6
Moneta Pumping Station:	0.8	0.6	0.8
Sandy:	1.0	1.1	1.5
Water Tower:	0.9	0.3	0.7
Wilson:	1.3	0.9	1.4