

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_065/3370_072
Date: 12-Apr-16
Blast Time: 15:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1036 m
Boundary Layer Height: none m
Cloud Cover: 100% overcast
Wind Speed: 14 km/hr
Wind Direction: NW
Temperature: -2.2 °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:	55.4 LAeq	118.6 dB
Edwards:	54.5 LAeq	114.2 dB
Fred:	46.2 LAeq	105.4 dB
Hollinger Office:	60.5 LAeq	124.8 dB
Noah:	60.7 LAeq	114.4 dB
Sandy:	62.4 LAeq	120.5 dB
Water Tower:	48.2 LAeq	123.9 dB
Wilson:	49.9 LAeq	112.4 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.8	12.2	4.2	4.9
Edwards:	2.8	3.2	7.4	10.0
Hollinger Office:	9.9	10.7	9.0	11.3
Hollinger Park:	6.5	8.3	14.9	29.2
Sandy:	4.8	5.2	5.9	6.4

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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:	0.6	1.6
Edwards:	1.4	2.1
Hollinger Office:	2.2	2.5
Hollinger Park:	2.9	5.0
Sandy:	0.9	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.7	0.5	0.6
Hollinger West:	2.0	0.2	0.4
Imerys:	0.5	0.6	0.6
Noah:	0.7	0.4	1.2
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	0.6	0.6	0.7
Water Tower:	0.3	0.3	0.3
Wilson:	1.4	0.6	0.9