

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_200
Date: 12-Nov-16
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 579 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: 5.7 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	58.6 LAeq	116.1 dB
Edwards:	56.2 LAeq	119.8 dB
Fred:	50.8 LAeq	114.6 dB
Hollinger Office:	69.3 LAeq	115.4 dB
Noah:	62.5 LAeq	120.8 dB
Sandy:	55.1 LAeq	118.8 dB
Water Tower:	55.6 LAeq	123.5 dB
Wilson:	53.8 LAeq	113.0 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:	2.1	2.9	7.8	10.5
Edwards:	8.3	12.9	11.8	15.8
Hollinger Office:	26.7	41.8	21.0	32.0
Hollinger Park:	7.1	11.8	18.6	33.0
Sandy:	1.8	2.7	4.1	6.3

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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:	0.4	1.1
Edwards:	3.6	6.0
Hollinger Office:	5.2	8.3
Hollinger Park:	1.8	3.7
Sandy:	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.7	0.6	0.7
Sandy:	0.7	1.1	1.0
Water Tower:	0.3	0.2	0.3
Wilson:	0.6	0.7	0.7