

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_129
Date: 7-Sep-16
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 335 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 5.8 km/hr
Wind Direction: SSE
Temperature: 16.0 °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:	58.3 LAeq	105.4 dB
Edwards:	57.8 LAeq	105.5 dB
Fred:	45.1 LAeq	92.6 dB
Hollinger Office:	57.7 LAeq	105.8 dB
Noah:	68.7 LAeq	101.9 dB
Sandy:	61.6 LAeq	115.9 dB
Water Tower:	63.9 LAeq	105.0 dB
Wilson:	50.5 LAeq	73.4 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:	1.3	1.7	0.0	0.4
Edwards:	2.3	3.3	3.5	6.5
Hollinger Office:	2.9	4.6	7.9	11.4
Hollinger Park:	5.0	14.9	13.2	40.0
Sandy:	8.6	21.2	11.0	29.1

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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:	0.2	0.8
Edwards:	0.3	0.8
Hollinger Office:	4.3	13.0
Hollinger Park:	2.1	5.9
Sandy:	5.2	23.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.1	0.3
Hollinger West:	0.4	0.2	0.5
Imerys:	0.2	0.2	0.3
Noah:	0.4	0.2	0.2
Moneta Pumping Station:	2.7	1.7	3.3
Sandy:	0.8	1.1	1.4
Water Tower:	0.6	0.2	0.8
Wilson:	1.1	0.7	0.9