

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_201/202
Date: 6-Nov-16
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 6096 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: 11.7 °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:	53.7 LAeq	105.4 dB
Edwards:	51.6 LAeq	101.7 dB
Fred:	43.7 LAeq	106.7 dB
Hollinger Office:	59.3 LAeq	110.3 dB
Noah:	60.1 LAeq	102.1 dB
Sandy:	63.8 LAeq	113.1 dB
Water Tower:	51.2 LAeq	105.9 dB
Wilson:	48.2 LAeq	98.3 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:	4.3	5.2	9.3	11.6
Edwards:	2.2	2.6	9.0	10.7
Hollinger Office:	7.0	14.8	14.0	32.0
Hollinger Park:	1.9	3.4	11.4	19.8
Sandy:	1.7	2.0	6.8	7.6

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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	0.6
Edwards:	0.9	3.3
Hollinger Office:	8.5	31.6
Hollinger Park:	0.6	0.7
Sandy:	0.8	1.1

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:	0.4	0.2	0.6
Hollinger West:	0.3	0.3	0.3
Imerys:	0.4	0.3	0.3
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	2.5	1.7	2.5
Sandy:	1.9	2.6	2.7
Water Tower:	0.9	0.4	0.6
Wilson:	1.2	1.0	1.4