

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_092 & 3370_067
Date: 2-May-16
Blast Time: 15:56
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2194 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered clouds
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: 16 °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:	60.2 LAeq	110.4 dB
Edwards:	48.4 LAeq	105.0 dB
Fred:	45.2 LAeq	94.3 dB
Hollinger Office:	64.0 LAeq	114.0 dB
Noah:	60.4 LAeq	105.6 dB
Sandy:	50.1 LAeq	104.2 dB
Water Tower:	53.6 LAeq	108.3 dB
Wilson:	48.2 LAeq	98.8 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:	11.3	12.5	3.6	5.4
Edwards:	7.2	12.7	14.0	36.4
Hollinger Office:	18.0	31.3	18.7	40.8
Hollinger Park:	12.5	28.8	18.1	59.4
Sandy:	9.5	24.9	10.0	60.2

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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:	0.3	1.0
Edwards:	1.1	1.6
Hollinger Office:	1.9	3.8
Hollinger Park:	0.5	1.1
Sandy:	3.5	10.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.6	0.6	0.9
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.9	0.4	1.1
Hollinger West:	1.6	0.1	0.2
Imerys:	0.4	0.2	0.4
Noah:	0.4	0.3	0.6
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.4	0.4	0.3
Water Tower:	0.3	0.2	0.5
Wilson:	0.5	0.4	0.6