

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_016
Date: 2-May-17
Blast Time: 11:35
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 1500 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 12 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:	57.8 LAeq	100.8 dB
Edwards:	51.1 LAeq	100.2 dB
Fred:	50.9 LAeq	107.8 dB
Hollinger Office:	56.6 LAeq	107.9 dB
Noah:	62.2 LAeq	105.2 dB
Sandy:	44.5 LAeq	107.8 dB
Water Tower:	59.3 LAeq	110.5 dB
Wilson:	49.1 LAeq	110.9 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:	5.2	5.3	7.1	7.3
Edwards:	2.2	2.4	1.2	1.9
Hollinger Office:	2.3	2.5	0.0	0.0
Hollinger Park:	6.4	7.1	1.8	2.2
Sandy:	2.2	3.2	3.4	6.1

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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:	2.7	4.0
Edwards:	1.3	2.8
Hollinger Office:	2.7	4.2
Hollinger Park:	3.7	6.4
Sandy:	9.2	26.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.8	0.1	0.3
Hollinger West:	0.3	0.2	0.3
Imerys:	0.3	0.3	0.3
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	1.6	0.9	1.3
Sandy:	0.6	0.8	0.6
Water Tower:	0.6	0.2	0.3
Wilson:	0.8	0.6	0.9