

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_109
Date: 27-May-16
Blast Time: 15:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 762 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: SW
Temperature: 10.3 °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:	56.1 LAeq	113.6 dB
Edwards:	51.6 LAeq	110.0 dB
Fred:	50.8 LAeq	101.5 dB
Hollinger Office:	61.1 LAeq	116.1 dB
Noah:	61.4 LAeq	112.2 dB
Sandy:	65.1 LAeq	108.6 dB
Water Tower:	53.7 LAeq	116.3 dB
Wilson:	48.0 LAeq	102.4 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:	12.3	102.7	11.1	12.6
Edwards:	3.6	4.4	13.1	18.1
Hollinger Office:	11.6	22.8	25.7	65.2
Hollinger Park:	22.7	45.4	40.6	120.7
Sandy:	1.4	1.8	10.0	13.5

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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:	1.4	3.8
Edwards:	2.7	5.2
Hollinger Office:	2.6	4.9
Hollinger Park:	1.3	1.9
Sandy:	0.7	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.8
Edwards:	0.2	0.3	0.3
Hollinger Office:	0.6	0.4	0.7
Hollinger West:	0.0	0.0	0.0
Imerys:	0.5	0.3	0.4
Noah:	0.6	0.4	0.6
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.4	0.4	0.2
Water Tower:	0.4	0.3	0.3
Wilson:	0.7	0.6	0.9