

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_031
Date: 11-Dec-16
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 1828 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 8.3 km/hr
Wind Direction: NE
Temperature: -11.9 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	50.7 LAeq	104.6 dB
Edwards:	49.1 LAeq	103.0 dB
Fred:	38.7 LAeq	91.3 dB
Hollinger Office:	64.8 LAeq	105.2 dB
Noah:	58.0 LAeq	101.0 dB
Sandy:	63.7 LAeq	110.5 dB
Water Tower:	46.1 LAeq	107.1 dB
Wilson:	48.3 LAeq	102.0 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:	2.2	2.9	0.3	1.8
Edwards:	1.0	1.5	3.0	6.8
Hollinger Office:	4.7	6.1	7.6	13.3
Hollinger Park:	3.5	4.6	4.5	10.7
Sandy:	2.3	2.8	1.8	2.8

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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:	2.2	5.5
Edwards:	2.9	5.9
Hollinger Office:	14.2	31.6
Hollinger Park:	9.5	22.9
Sandy:	0.9	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.3	0.2	0.3
Imerys:	0.3	0.2	0.2
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	1.8	1.4	1.4
Sandy:	1.1	1.2	1.1
Water Tower:	0.3	0.2	0.3
Wilson:	0.9	0.9	1.0