

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_056/3364_058
Date: 26-Dec-15
Blast Time: 11:38
Blast Sign Activation: 7:30
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 610 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 2.2 km/hr
Wind Direction: SW
Temperature: -6.3 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	52.1 LAeq	107.6 dB
Edwards:	54.5 LAeq	94.4 dB
Fred:	40.8 LAeq	90.8 dB
Hollinger Office:	67.0 LAeq	104.5 dB
Noah:	57.5 LAeq	102.2 dB
Sandy:	47.1 LAeq	114.7 dB
Water Tower:	44.4 LAeq	108.0 dB
Wilson:	42.9 LAeq	107.3 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:	8.6	9.2	9.5	11.5
Edwards:	5.8	6.2	12.5	14.8
Hollinger Office:	8.6	9.2	11.1	14.2
Hollinger Park:	3.5	3.7	10.6	11.5
Sandy:	5.0	6.0	8.5	12.2

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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:	0.9	1.4
Edwards:	1.4	1.9
Hollinger Office:	2.8	3.9
Hollinger Park:	1.4	2.3
Sandy:	1.1	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.2	0.4	0.4
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	1.8	0.2	0.4
Imerys:	0.4	0.2	0.2
Noah:	0.6	0.2	0.5
Moneta Pumping Station:	1.7	1.2	1.8
Sandy:	12.0	4.4	3.5
Water Tower:	0.5	0.2	0.4
Wilson:	1.4	1.1	1.6