

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_113
Date: 01-Jan-16
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 518 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast Snow
Wind Speed: 6 km/hr
Wind Direction: W
Temperature: -7.5 °C

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

Noise Alert: Exceedances due blast sirens.

Blast Siren Locations:

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

	L_{Aeq}	L_{peak} dB
Comfort Inn:	50.5 LAeq	112.8 dB
Edwards:	52.8 LAeq	106.3 dB
Fred:	42.5 LAeq	104.9 dB
Hollinger Office:	54.7 LAeq	114.4 dB
Noah:	56.5 LAeq	107.2 dB
Sandy:	54.6 LAeq	110.1 dB
Water Tower:	49.3 LAeq	116.1 dB
Wilson:	41.8 LAeq	106.8 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	6.6	4.9	6.1
Edwards:	8.8	12.7	9.8	16.6
Hollinger Office:	7.8	10.1	8.2	12.4
Hollinger Park:	3.7	4.0	4.7	8.6
Sandy:	3.7	4.7	3.2	7.0

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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:	4.0	5.8
Edwards:	4.4	7.6
Hollinger Office:	2.8	3.4
Hollinger Park:	2.5	3.0
Sandy:	0.9	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.1	0.2	0.1
Hollinger West:	1.7	0.2	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.1	0.3	0.2
Moneta Pumping Station:	1.2	1.0	1
Sandy:	4.8	8.3	5.1
Water Tower:	0.2	0.2	0.1
Wilson:	0.4	0.4	0.5