

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_031
Date: 02-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: SW
Temperature: -6.7 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	52.9 LAeq	109.0 dB
Edwards:	52.3 LAeq	97.3 dB
Fred:	41.6 LAeq	91.8 dB
Hollinger Office:	58.5 LAeq	110.8 dB
Noah:	61.8 LAeq	102.5 dB
Sandy:	50.4 LAeq	100.1 dB
Water Tower:	LAeq	dB
Wilson:	41.1 LAeq	95.8 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.7	7.4	5.1	5.9
Edwards:	7.3	8.7	9.4	12.6
Hollinger Office:	24.3	40.0	27.7	43.2
Hollinger Park:	3.1	3.3	6.1	7.3
Sandy:	3.1	3.9	5.1	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:	4.3	8.4
Edwards:	20.9	34.0
Hollinger Office:	8.7	11.6
Hollinger Park:	3.5	5.3
Sandy:	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.8	0.6
Edwards:	0.3	0.4	0.2
Hollinger Office:	0.3	0.3	0.2
Hollinger West:	1.6	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	1.5	1.7	1.7
Water Tower:	0.3	0.2	0.2
Wilson:	0.8	0.4	0.7