

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_039
Date: 10-Jan-16
Blast Time: 13:32
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1250 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 21 km/hr
Wind Direction: N
Temperature: -15.8 °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:	63.3 LAeq	110.0 dB
Edwards:	47.7 LAeq	106.5 dB
Fred:	48.5 LAeq	114.6 dB
Hollinger Office:	LAeq	dB
Noah:	63.6 LAeq	113.5 dB
Sandy:	62.9 LAeq	114.0 dB
Water Tower:	54.0 LAeq	120.4 dB
Wilson:	52.4 LAeq	113.2 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.9	13.4	6.9	9.9
Edwards:	9.2	11.1	7.3	9.2
Hollinger Office:	62.2	86.5	11.8	17.7
Hollinger Park:	67.6	89.3	8.0	9.5
Sandy:	26.0	29.5	11.2	14.5

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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:	0.9	1.4
Edwards:	1.4	2.2
Hollinger Office:	2.7	6.4
Hollinger Park:	3.1	5.6
Sandy:	9.1	9.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.3
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.6	0.5	0.6
Hollinger West:	1.9	0.2	0.2
Imerys:	0.3	0.3	0.4
Noah:	0.5	0.8	0.4
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	1.8	1.3	1.1
Water Tower:	0.3	0.4	0.3
Wilson:	1.5	0.5	0.8