

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_043
Date: 8-Jan-16
Blast Time: 13:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 244 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 18 km/hr
Wind Direction: S
Temperature: 0.1 °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:	52.1 LAeq	104.7 dB
Edwards:	53.8 LAeq	101.7 dB
Fred:	48.9 LAeq	102.3 dB
Hollinger Office:	69.6 LAeq	109.3 dB
Noah:	61.8 LAeq	103.1 dB
Sandy:	51.0 LAeq	101.8 dB
Water Tower:	47.1 LAeq	107.5 dB
Wilson:	51.6 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:	26.4	26.9	22.0	23.2
Edwards:	10.8	11.2	8.4	33.9
Hollinger Office:	13.3	14.0	33.4	36.2
Hollinger Park:	14.0	14.5	30.9	31.5
Sandy:	12.3	13.1	24.2	25.8

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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:	4.4	5.2
Edwards:	3.2	3.7
Hollinger Office:	10.7	47.1
Hollinger Park:	2.4	2.9
Sandy:	8.6	10.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.6
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.6	0.4	0.4
Hollinger West:	1.8	0.2	0.3
Imerys:	0.4	0.4	0.5
Noah:	0.6	0.3	1.0
Moneta Pumping Station:	0.6	0.5	0.6
Sandy:	2.4	2.2	1.8
Water Tower:	0.4	0.3	0.7
Wilson:	2.4	1.2	1.6