

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_206/3346_003/3346_001 Pre Shear
Date: 10-Dec-16
Blast Time: 11:58
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 0:00 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 5 km/hr
Wind Direction: NE
Temperature: -13 °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:	53.0 LAeq	105.7 dB
Edwards:	49.0 LAeq	100.1 dB
Fred:	37.2 LAeq	89.2 dB
Hollinger Office:	57.6 LAeq	113.1 dB
Noah:	60.0 LAeq	108.6 dB
Sandy:	63.7 LAeq	113.8 dB
Water Tower:	46.5 LAeq	123.6 dB
Wilson:	42.2 LAeq	109.5 dB

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

Dust Alert: Hollinger Office PM10 above 59.4 ug/m3, no exceedances at 24Hr

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.9	2.3	0.0	0.0
Edwards:	1.6	1.7	2.4	2.9
Hollinger Office:	3.7	4.0	3.8	4.4
Hollinger Park:	2.2	2.5	2.0	3.5
Sandy:	2.5	5.8	2.8	9.1

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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:	0.2	0.6
Edwards:	1.9	3.1
Hollinger Office:	4.6	7.8
Hollinger Park:	1.9	2.4
Sandy:	7.8	23.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.3	0.9
Edwards:	0.2	0.3	0.3
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.4	0.3	0.5
Imerys:	0.5	0.3	0.5
Noah:	0.4	0.3	0.6
Moneta Pumping Station:	1.1	0.8	0.9
Sandy:	2.0	1.9	2.1
Water Tower:	0.6	0.6	0.8
Wilson:	1.4	0.9	1.3