

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_049
Date: 27-Jan-16
Blast Time: 13:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 853 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 12 km/hr
Wind Direction: S
Temperature: -5.9 °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:	50.4 LAeq	101.3 dB
Edwards:	47.8 LAeq	102.3 dB
Fred:	44.4 LAeq	104.1 dB
Hollinger Office:	61.1 LAeq	106.4 dB
Noah:	58.8 LAeq	107.2 dB
Sandy:	51.5 LAeq	103.3 dB
Water Tower:	47.3 LAeq	111.2 dB
Wilson:	51.0 LAeq	103.0 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.3	5.8	4.8	5.4
Edwards:	1.9	2.3	3.7	6.4
Hollinger Office:	1.5	1.6	3.8	5.1
Hollinger Park:	1.5	1.5	2.6	9.0
Sandy:	1.3	1.9	2.5	5.9

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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:	2.3	3.9
Edwards:	2.0	3.6
Hollinger Office:	1.5	2.1
Hollinger Park:	1.4	2.4
Sandy:	1.2	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	2.1	0.1	0.0
Imerys:	0.3	0.2	0.2
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	0.3	0.2	0.2
Sandy:	0.4	0.5	0.4
Water Tower:	0.2	0.1	0.3
Wilson:	0.9	0.4	0.7