

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_007A
Date: 20-Jan-16
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1920 m
Boundary Layer Height: None m
Cloud Cover: 75% Cloudy
Wind Speed: 5 km/hr
Wind Direction: NW
Temperature: -11.1 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L _{Aeq}	L _{peak} dB
Comfort Inn:	49.6 LAeq	106.5 dB
Edwards:	46.5 LAeq	101.8 dB
Fred:	39.1 LAeq	93.2 dB
Hollinger Office:	56.6 LAeq	105.2 dB
Noah:	60.1 LAeq	97.8 dB
Sandy:	52.0 LAeq	99.3 dB
Water Tower:	44.4 LAeq	97.6 dB
Wilson:	39.9 LAeq	93.7 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.2	5.0	3.5	4.2
Edwards:	2.5	3.1	3.8	4.6
Hollinger Office:	1.8	2.5	4.6	6.1
Hollinger Park:	1.7	1.8	2.2	4.0
Sandy:	1.7	2.0	2.0	3.2

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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	5.0
Edwards:	5.3	9.9
Hollinger Office:	6.0	7.0
Hollinger Park:	6.2	13.5
Sandy:	3.4	4.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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