

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_074
Date: 28-Nov-15
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2865 m
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 5.1 km/hr
Wind Direction: NE
Temperature: -12.5 °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:	51.4 LAeq	101.0 dB
Edwards:	62.7 LAeq	102.4 dB
Fred:	43.3 LAeq	99.1 dB
Hollinger Office:	57.4 LAeq	102.3 dB
Noah:	59.0 LAeq	98.5 dB
Sandy:	49.0 LAeq	109.0 dB
Water Tower:	50.0 LAeq	104.0 dB
Wilson:	43.4 LAeq	98.1 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.7	3.0	2.4	3.1
Edwards:	1.8	3.8	3.5	7.7
Hollinger Office:	4.2	7.0	5.5	12.5
Hollinger Park:	1.8	2.0	5.1	6.9
Sandy:	1.0	1.2	1.2	2.8

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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:	1.7	4.3
Edwards:	9.5	30.6
Hollinger Office:	6.7	29.7
Hollinger Park:	1.8	2.2
Sandy:	1.4	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.2	0.2	0.1
Hollinger West:	1.8	0.1	0.0
Imerys:	0.2	0.2	0.1
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.6	0.4	0.6
Sandy:	5.8	5.4	6.9
Water Tower:	0.3	0.2	0.3
Wilson:	0.0	0.0	0.0