

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_112
Date: 8-Feb-16
Blast Time: 11:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 579 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 12 km/hr
Wind Direction: SE
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: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	51.5 LAeq	100.3 dB
Edwards:	48.2 LAeq	104.3 dB
Fred:	41.8 LAeq	101.5 dB
Hollinger Office:	59.0 LAeq	104.4 dB
Noah:	57.6 LAeq	104.1 dB
Sandy:	47.8 LAeq	103.5 dB
Water Tower:	47.8 LAeq	103.0 dB
Wilson:	49.1 LAeq	106.8 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.6	9.4	4.3	5.4
Edwards:	9.0	9.7	8.3	9.1
Hollinger Office:	13.2	13.6	7.4	8.4
Hollinger Park:	21.9	26.4	9.7	14.6
Sandy:	10.2	10.6	5.9	6.8

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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:	2.1	2.9
Edwards:	3.7	6.1
Hollinger Office:	6.9	9.0
Hollinger Park:	8.5	23.0
Sandy:	2.6	12.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.2
Edwards:	0.3	0.4	0.2
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	1.7	0.1	0.2
Imerys:	0.2	0.2	0.1
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	0.7	0.5	0.6
Sandy:	0.6	0.7	0.7
Water Tower:	0.2	0.2	0.1
Wilson:	0.9	0.5	0.6