

Hollinger Public Blast Report

Blast Pattern: 3373_051
Date: 23-Jan-16
Blast Time: 11:41
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 213 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 9.3 km/hr
Wind Direction: N
Temperature: -12.7 °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:	50.3 LAeq	105.6 dB
Edwards:	44.1 LAeq	100.3 dB
Fred:	41.4 LAeq	102.9 dB
Hollinger Office:	59.9 LAeq	111.8 dB
Noah:	55.7 LAeq	100.6 dB
Sandy:	49.6 LAeq	102.1 dB
Water Tower:	42.4 LAeq	102.8 dB
Wilson:	58.9 LAeq	103.7 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.7	4.5	3.1	3.8
Edwards:	1.4	1.6	2.3	3.4
Hollinger Office:	1.7	3.8	5.5	18.2
Hollinger Park:	1.7	1.8	1.6	3.0
Sandy:	1.4	1.8	1.8	3.2

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PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.4	3.6
Edwards:	1.9	4.3
Hollinger Office:	3.4	10.1
Hollinger Park:	0.9	1.7
Sandy:	1.2	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.3
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.3	0.4	0.2
Hollinger West:	1.7	0.2	0.2
Imerys:	0.3	0.3	0.2
Noah:	0.6	0.2	0.5
Moneta Pumping Station:	0.4	0.4	0.5
Sandy:	0.8	0.7	0.9
Water Tower:	0.3	0.2	0.4
Wilson:	1.2	0.5	0.7