

Hollinger Public Blast Report

Blast Pattern: 3355_002
Date: 10-Nov-16
Blast Time: 11:42
Blast Sign Activation: 8:30
Website Notification Time: 8:17

Blast Conditions

Ceiling Height: 5486 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 13.5 km/hr
Wind Direction: NE
Temperature: -1.3 °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:	56.1 LAeq	108.7 dB
Edwards:	63.7 LAeq	108.0 dB
Fred:	46.8 LAeq	108.0 dB
Hollinger Office:	60.8 LAeq	108.9 dB
Noah:	61.2 LAeq	109.6 dB
Sandy:	58.9 LAeq	110.5 dB
Water Tower:	57.5 LAeq	118.6 dB
Wilson:	50.6 LAeq	111.7 dB

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

Dust Alert: No Exceedances recorded at 24 hr, higher dust due to blast.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.2	6.5	12.3	12.7
Edwards:	11.5	20.2	19.6	29.9
Hollinger Office:	59.4	108.2	55.5	93.1
Hollinger Park:	23.8	30.9	33.1	46.8
Sandy:	11.1	12.2	11.7	13.2

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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:	2.4	4.0
Edwards:	7.0	17.9
Hollinger Office:	13.5	15.3
Hollinger Park:	5.0	8.0
Sandy:	2.2	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.6
Edwards:	0.5	0.5	0.5
Hollinger Office:	0.6	0.2	0.4
Hollinger West:	0.3	0.2	0.3
Imerys:	0.3	0.3	0.5
Noah:	0.5	0.5	0.8
Moneta Pumping Station:	1.4	0.9	1.0
Sandy:	0.8	0.9	0.9
Water Tower:	0.4	0.2	0.2
Wilson:	1.3	0.9	1.5