

Hollinger Public Blast Report

Blast Pattern: 3370_113
Date: 24-Feb-16
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 568 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: NE
Temperature: -1.9 °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:	51.8 LAeq	97.4 dB
Edwards:	48.7 LAeq	97.2 dB
Fred:	40.4 LAeq	91.5 dB
Hollinger Office:	56.4 LAeq	100.0 dB
Noah:	58.3 LAeq	95.4 dB
Sandy:	59.2 LAeq	102.6 dB
Water Tower:	48.2 LAeq	102.2 dB
Wilson:	52.2 LAeq	96.4 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.9	11.8	9.0	10.2
Edwards:	4.3	4.8	15.0	17.2
Hollinger Office:	8.6	9.4	13.4	14.5
Hollinger Park:	5.4	9.5	16.5	31.1
Sandy:	5.8	8.0	12.8	22.7

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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:	4.9	7.0
Edwards:	7.1	8.8
Hollinger Office:	9.5	13.8
Hollinger Park:	5.7	8.1
Sandy:	17.4	35.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.3
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.1	0.2	0.1
Hollinger West:	1.7	0.1	0.3
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.4	0.2
Moneta Pumping Station:	0.7	0.8	0.6
Sandy:	0.7	1.1	1.0
Water Tower:	0.1	0.1	0.1
Wilson:	0.4	0.4	0.5