

Hollinger Public Blast Report

Blast Pattern: 3358_032
Date: 29-Dec-16
Blast Time: 11:31
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 335 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 8 km/hr
Wind Direction: S
Temperature: -1.8 °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:	58.9 LAeq	100.8 dB
Edwards:	47.9 LAeq	101.1 dB
Fred:	42.3 LAeq	93.9 dB
Hollinger Office:	55.4 LAeq	107.9 dB
Noah:	60.1 LAeq	100.1 dB
Sandy:	63.5 LAeq	112.5 dB
Water Tower:	52.8 LAeq	107.3 dB
Wilson:	48.5 LAeq	96.2 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:	14.4	16.2	11.8	13.0
Edwards:	5.3	5.8	19.0	19.5
Hollinger Office:	11.6	14.2	12.6	20.2
Hollinger Park:	10.7	12.4	20.0	22.8
Sandy:	9.2	9.9	13.5	14.6

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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:	5.6	15.9
Edwards:	4.0	6.9
Hollinger Office:	9.7	27.5
Hollinger Park:	4.5	12.4
Sandy:	10.5	16.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.5
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.4	0.2	0.3
Imerys:	0.2	0.3	0.2
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	1.3	0.9	1.0
Sandy:	1.5	1.8	2.1
Water Tower:	0.3	0.3	0.3
Wilson:	1.2	1.2	1.1