

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_035
Date: 30-Aug-15
Blast Time: 15:42
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 1158 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: SE
Temperature: 24.6 °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:	54.9 LAeq	108.0 dB
Edwards:	53.8 LAeq	107.1 dB
Fred:	48.3 LAeq	110.4 dB
Hollinger Office:	61.4 LAeq	109.4 dB
Noah:	60.7 LAeq	111.9 dB
Sandy:	58.1 LAeq	114.3 dB
Water Tower:	52.7 LAeq	118.0 dB
Wilson:	50.4 LAeq	110.6 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:	15.6	16.9	22.1	24.9
Edwards:	14.6	18.7	48.3	62.3
Hollinger Office:	24.8	33.1	47.2	58.8
Hollinger Park:	15.1	16.2	38.6	42.8
Sandy:	9.4	11.8	31.6	35.3

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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:	2.2	4.1
Edwards:	7.9	15.2
Hollinger Office:	9.4	12.7
Hollinger Park:	1.2	2.4
Sandy:	0.4	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.0
Hollinger West:	0.0	0.0	0.1
Imerys:	0.1	0.1	0.1
Noah:	0.1	0.1	0.1
Moneta Pumping Station:	0.1	0.1	0.0
Sandy:	0.1	0.3	0.1
Water Tower:	0.0	0.1	0.1
Wilson:	0.0	0.1	0.1