

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_105
Date: 31-Aug-15
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 430 m
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 5 km/hr
Wind Direction: N
Temperature: 19.4 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.5 LAeq	115.3 dB
Edwards:	50.3 LAeq	110.0 dB
Fred:	43.7 LAeq	101.8 dB
Hollinger Office:	61.2 LAeq	117.6 dB
Noah:	63.6 LAeq	113.4 dB
Sandy:	52.2 LAeq	119.3 dB
Water Tower:	48.7 LAeq	115.9 dB
Wilson:	54.6 LAeq	111.8 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:	18.7	20.6	29.0	32.9
Edwards:	16.3	18.5	49.5	55.7
Hollinger Office:	23.0	28.9	44.1	53.0
Hollinger Park:	22.3	26.4	48.4	60.7
Sandy:	16.7	17.6	41.3	47.3

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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:	1.0	1.5
Edwards:	0.8	1.1
Hollinger Office:	3.5	8.2
Hollinger Park:	2.5	4.8
Sandy:	9.1	24.6

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	0.1	0
Hollinger Office:	0.1	0.0	0.0
Hollinger West:	0.0	0.0	0.1
Imerys:	0.2	0.1	0.2
Noah:	0.1	0.2	0.1
Moneta Pumping Station:	0.1	0	0.0
Sandy:	0.1	0.2	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.1	0.2	0.1