

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_033
Date: 06-Jul-15
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 5000 m
Boundary Layer Height: None m
Cloud Cover: 75% Cloudy
Wind Speed: 14 km/hr
Wind Direction: SW
Temperature: 24.8 °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: Extencicare

	L_{aeq}	L_{peak} dB
Comfort Inn:	56.4 LAeq	110.1 dB
Edwards:	52.6 LAeq	106.9 dB
Fred:	51.5 LAeq	109.9 dB
Hollinger Office:	64.7 LAeq	119.8 dB
Noah:	60.6 LAeq	113.6 dB
Sandy:	55.0 LAeq	103.2 dB
Water Tower:	58.8 LAeq	121.1 dB
Wilson:	52.3 LAeq	114.0 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:	53.8	54.5	74.1	75.5
Edwards:	20.1	23.6	111.6	123.2
Hollinger Office:	39.1	73.1	116.2	193.5
Hollinger Park:	38.2	49.4	124.4	168.3
Sandy:	22.6	25.3	128.3	142.4

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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:	1.3	2.5
Edwards:	2.2	3.8
Hollinger Office:	3.9	9.1
Hollinger Park:	5.8	7.1
Sandy:	1.1	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.2	0.9
Hollinger West:	0.1	0.1	0.1
Imerys:	0.5	0.3	0.5
Noah:	0.5	0.4	0.6
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.5	1.6	0.4
Water Tower:	0.3	0.2	0.9
Wilson:	0.3	0.3	0.3