

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_111
Date: 25-Jun-16
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 6705 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: 25.5 °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:	53.1 LAeq	108.5 dB
Edwards:	51.4 LAeq	99.0 dB
Fred:	44.8 LAeq	97.9 dB
Hollinger Office:	60.0 LAeq	112.4 dB
Noah:	58.8 LAeq	101.1 dB
Sandy:	61.5 LAeq	100.7 dB
Water Tower:	48.2 LAeq	104.4 dB
Wilson:	48.4 LAeq	99.1 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:	7.2	7.8	17.9	19.1
Edwards:	13.5	61.5	41.0	187.5
Hollinger Office:	25.6	58.5	37.1	78.7
Hollinger Park:	18.3	54.4	32.0	98.2
Sandy:	5.1	8.4	19.6	27.7

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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:	0.7	1.3
Edwards:	0.5	0.9
Hollinger Office:	3.0	9.1
Hollinger Park:	1.8	2.3
Sandy:	0.4	0.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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