

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_057
Date: 14-Sep-15
Blast Time: 15:43
Blast Sign Activation: 7:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: none m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 16.5 km/hr
Wind Direction: NE
Temperature: 24.5 °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:	55.8 LAeq	110.3 dB
Edwards:	59.4 LAeq	112.8 dB
Fred:	47.9 LAeq	109.6 dB
Hollinger Office:	62.5 LAeq	110.5 dB
Noah:	61.1 LAeq	112.5 dB
Sandy:	55.3 LAeq	112.3 dB
Water Tower:	56.8 LAeq	113.0 dB
Wilson:	53.6 LAeq	108.9 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.9	18.6	19.7	42.9
Edwards:	35.1	88.0	53.5	164.6
Hollinger Office:	32.6	51.8	41.8	58.0
Hollinger Park:	15.3	18.7	22.5	26.5
Sandy:	21.7	33.9	45.1	57.7

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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:	0.9	1.7
Edwards:	4.8	10.9
Hollinger Office:	7.5	21.0
Hollinger Park:	1.3	2.0
Sandy:	0.7	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.3	0.2	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	4.1	1.5	3.6
Sandy:	8.1	4.8	5.6
Water Tower:	0.7	0.3	0.7
Wilson:	0.5	0.6	0.8