

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_186
Date: 9-Oct-16
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 701 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 10.7 °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:	55.9 LAeq	99.3 dB
Edwards:	59.3 LAeq	98.1 dB
Fred:	44.7 LAeq	98.6 dB
Hollinger Office:	56.1 LAeq	107.4 dB
Noah:	62.6 LAeq	98.5 dB
Sandy:	51.7 LAeq	107.1 dB
Water Tower:	50.5 LAeq	108.9 dB
Wilson:	49.1 LAeq	99.0 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.8	2.3	0.0	0.1
Edwards:	2.5	2.6	4.5	7.8
Hollinger Office:	6.2	7.5	2.4	4.4
Hollinger Park:	10.2	12.2	6.2	9.3
Sandy:	14.1	33.6	12.6	41.0

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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:	0.1	0.7
Edwards:	0.1	0.3
Hollinger Office:	1.4	1.9
Hollinger Park:	1.5	3.8
Sandy:	13.6	35.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.6	0.2	0.6
Hollinger West:	0.3	0.2	0.2
Imerys:	0.5	0.4	0.6
Noah:	0.6	0.4	0.6
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	0.6	0.9	0.7
Water Tower:	0.7	0.2	0.6
Wilson:	1.3	1.0	0.9