

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_162
Date: 19-Sep-16
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1524 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 16.6 °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:	55.1 LAeq	108.6 dB
Edwards:	52.9 LAeq	105.6 dB
Fred:	46.8 LAeq	108.8 dB
Hollinger Office:	59.7 LAeq	108.5 dB
Noah:	60.6 LAeq	104.7 dB
Sandy:	52.1 LAeq	109.2 dB
Water Tower:	54.4 LAeq	111.1 dB
Wilson:	51.8 LAeq	101.0 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:	4.6	4.9	9.1	9.9
Edwards:	9.1	9.7	10.2	11.3
Hollinger Office:	8.0	8.9	13.5	16.3
Hollinger Park:	6.9	8.2	13.5	15.5
Sandy:	6.4	7.2	11.1	12.0

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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:	1.6	4.2
Edwards:	0.4	1.8
Hollinger Office:	4.2	15.8
Hollinger Park:	2.2	8.0
Sandy:	2.0	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.2	0.5
Hollinger West:	0.0	0.0	0.0
Imerys:	0.8	0.9	0.8
Noah:	0.7	0.4	1.0
Moneta Pumping Station:	0.0	0.0	0.0
Sandy:	0.4	0.6	0.7
Water Tower:	0.6	0.3	0.7
Wilson:	0.9	1.0	1.3