

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_135 & 3382_136
Date: 10-Sep-17
Blast Time: 15:37
Blast Sign Activation: 13:00
Website Notification Time: 13:00

Blast Conditions

Ceiling Height: 10000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: SW
Temperature: 20.4 °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:	53.3 LAeq	114.8 dB
Edwards:	55.8 LAeq	106.0 dB
Fred:	46.8 LAeq	104.1 dB
Hollinger Office:	58.3 LAeq	113.7 dB
Noah:	60.5 LAeq	105.4 dB
Sandy:	48.8 LAeq	107.9 dB
Water Tower:	55.6 LAeq	109.9 dB
Wilson:	50.7 LAeq	103.6 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.8	5.6	4.4	8.8
Edwards:	5.6	7.6	12.1	18.7
Hollinger Office:	25.6	46.6	27.3	74.0
Sandy:	3.9	6.7	9.9	14.0

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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:	1.1	4.7
Edwards:	1.4	4.7
Hollinger Office:	7.4	10.4
Sandy:	0.6	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.2	0.9	0.8
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.1	0.2
Noah:	0.2	0.4	0.4
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.1	0.1	0.2
Wilson:	0.3	0.2	0.3