

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_141
Date: 11-Oct-17
Blast Time: 15:43
Blast Sign Activation: 8:13
Website Notification Time: 7:58

Blast Conditions

Ceiling Height: 3000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: 14.2 °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:	56.9 LAeq	109.8 dB
Edwards:	46.2 LAeq	101.0 dB
Fred:	41.7 LAeq	91.3 dB
Hollinger Office:	54.8 LAeq	105.5 dB
Noah:	60.6 LAeq	99.8 dB
Sandy:	47.0 LAeq	95.7 dB
Water Tower:	49.4 LAeq	102.0 dB
Wilson:	50.8 LAeq	93.7 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:	5.5	6.2	5.4	6.6
Edwards:	4.0	5.1	14.8	21.3
Hollinger Office:	16.5	30.0	11.5	34.8
Sandy:	20.7	49.6	14.0	37.1

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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:	1.5	2.1
Edwards:	3.0	3.6
Hollinger Office:	3.9	10.2
Sandy:	4.5	17.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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