

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_087
Date: 20-Oct-15
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 7254 m
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 5 km/hr
Wind Direction: W
Temperature: 1.2 °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:	56.2 LAeq	106.1 dB
Edwards:	55.4 LAeq	97.3 dB
Fred:	46.3 LAeq	97.7 dB
Hollinger Office:	63.4 LAeq	103.8 dB
Noah:	60.7 LAeq	101.6 dB
Sandy:	57.1 LAeq	106.4 dB
Water Tower:	49.0 LAeq	106.3 dB
Wilson:	50.2 LAeq	100.1 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:	3.8	4.1	9.7	10.6
Edwards:	4.1	4.7	15.7	17.3
Hollinger Office:	6.3	9.2	6.1	10.0
Hollinger Park:	43.2	79.9	57.8	140.1
Sandy:	5.8	7.3	3.3	4.2

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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:	0.8	1.9
Edwards:	0.9	1.3
Hollinger Office:	3.7	4.8
Hollinger Park:	4.9	9.1
Sandy:	1.4	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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