

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_052
Date: 14-Oct-17
Blast Time: 8:00
Blast Sign Activation: 8:00
Website Notification Time: 11:37

Blast Conditions

Ceiling Height: 30000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 5 km/hr
Wind Direction: NW
Temperature: 9.2 °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:	55.4 LAeq	100.4 dB
Edwards:	48.7 LAeq	93.7 dB
Fred:	44.1 LAeq	98.2 dB
Hollinger Office:	54.6 LAeq	99.3 dB
Noah:	62.3 LAeq	99.7 dB
Sandy:	43.6 LAeq	105.7 dB
Water Tower:	50.2 LAeq	108.4 dB
Wilson:	47.3 LAeq	101.9 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded at 24hrs.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.9	5.8	4.5	6.2
Edwards:	5.3	9.3	13.7	25.0
Hollinger Office:	10.5	17.9	8.5	21.0
Sandy:	3.5	7.6	10.0	37.8

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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:	0.4	0.8
Edwards:	2.0	3.7
Hollinger Office:	1.7	2.2
Sandy:	3.0	10.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	1.0	0.8	1.3
Imerys:	1.7	1.3	1.5
Noah:	1.5	1.0	1.4
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.5	0.2	0.5
Water Tower:	3.2	2.8	3.7
Wilson:	1.8	1.1	1.8