

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_010
Date: 16-Jun-17
Blast Time: 11:57
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 15 km/hr
Wind Direction: S
Temperature: 23.1 °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:	53.4 LAeq	102.2 dB
Edwards:	48.9 LAeq	105.0 dB
Fred:	45.8 LAeq	100.4 dB
Hollinger Office:	54.8 LAeq	108.5 dB
Noah:	63.2 LAeq	104.0 dB
Sandy:	49.4 LAeq	114.5 dB
Water Tower:	50.7 LAeq	110.2 dB
Wilson:	49.2 LAeq	100.8 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:	6.1	9.2	16.5	22.7
Edwards:	6.3	7.3	14.0	18.6
Hollinger Office:	17.0	24.3	22.2	33.6
Sandy:	8.2	10.8	15.0	20.2

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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:	2.0	10.7
Edwards:	2.2	3.9
Hollinger Office:	6.8	14.0
Sandy:	1.3	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.7	0.3	0.6
Hollinger West:	0.6	0.4	0.5
Imerys:	0.5	0.5	0.5
Noah:	0.6	0.5	0.7
Moneta Pumping Station:	2.8	1.7	2.3
Sandy:	3.1	2.0	4.3
Water Tower:	1.3	0.6	1.3
Wilson:	1.7	1.9	1.7