

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_121
Date: 16-Aug-17
Blast Time: 11:48
Blast Sign Activation: 8:19
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 914.4 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 20 °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:	54.1 LAeq	91.2 dB
Edwards:	51.0 LAeq	94.8 dB
Fred:	47.6 LAeq	91.1 dB
Hollinger Office:	56.2 LAeq	95.8 dB
Noah:	61.3 LAeq	95.2 dB
Sandy:	50.3 LAeq	97.2 dB
Water Tower:	52.2 LAeq	100.0 dB
Wilson:	50.0 LAeq	101.4 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:	9.4	9.9	12.2	13.4
Edwards:	7.6	8.4	22.1	24.6
Hollinger Office:	75.0	603.2	73.0	490.6
Sandy:	8.0	20.9	0.0	0.0

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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:	4.3	100%
Edwards:	11.1	100%
Hollinger Office:	13.0	100%
Sandy:	0.0	100%

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:	0.3	0.2	0.4
Hollinger West:	0.5	0.3	0.9
Imerys:	1.7	1.6	1.3
Noah:	1.7	2.0	1.7
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.2	0.2
Water Tower:	4.8	3.7	4.5
Wilson:	1.1	0.7	0.8