

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_038
Date: 13-Aug-17
Blast Time: 15:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1000 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 12 km/hr
Wind Direction: W
Temperature: 22.1 °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:	55.5 LAeq	108.8 dB
Edwards:	52.5 LAeq	107.2 dB
Fred:	47.7 LAeq	109.9 dB
Hollinger Office:	56.8 LAeq	112.6 dB
Noah:	61.5 LAeq	107.7 dB
Sandy:	49.2 LAeq	112.3 dB
Water Tower:	52.6 LAeq	119.8 dB
Wilson:	50.7 LAeq	110.7 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:	20.3	24.9	27.3	31.8
Edwards:	16.2	19.6	43.7	53.5
Hollinger Office:	48.9	73.7	70.3	131.9
Sandy:	11.2	12.9	30.4	36.8

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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:	1.9	2.7
Edwards:	3.3	5.4
Hollinger Office:	4.1	7.1
Sandy:	0.9	3.3

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	0.0	0.1
Hollinger Office:	0.5	0.4	0.4
Hollinger West:	2.0	1.3	2.1
Imerys:	2.6	3.1	2.7
Noah:	2.1	2.3	1.8
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.4	0.4	0.4
Water Tower:	4.9	5.7	4.6
Wilson:	2.1	1.4	2.6