

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_193
Date: 11-Oct-16
Blast Time: 11:30
Blast Sign Activation: 8:00
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 5181 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast Rain
Wind Speed: 14.2 km/hr
Wind Direction: S
Temperature: 13 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	56.4 LAeq	104.3 dB
Edwards:	61.8 LAeq	103.4 dB
Fred:	47.2 LAeq	104.9 dB
Hollinger Office:	62.2 LAeq	107.9 dB
Noah:	62.5 LAeq	105.9 dB
Sandy:	54.0 LAeq	105.7 dB
Water Tower:	62.1 LAeq	109.5 dB
Wilson:	52.8 LAeq	103.4 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:	5.9	6.5	9.3	11.0
Edwards:	7.1	7.4	12.7	14.1
Hollinger Office:	18.6	24.6	16.7	20.8
Hollinger Park:	15.3	16.7	19.3	22.2
Sandy:	12.3	20.7	16.3	48.1

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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:	1.1	4.0
Edwards:	2.0	3.4
Hollinger Office:	3.3	6.7
Hollinger Park:	2.8	3.2
Sandy:	1.5	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	0.2	0.2	0.2
Imerys:	0.5	0.4	0.8
Noah:	0.6	0.4	0.7
Moneta Pumping Station:	0.6	0.3	0.6
Sandy:	0.7	0.7	0.6
Water Tower:	0.6	0.3	0.7
Wilson:	1.0	0.9	1.0