

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_075
Date: 8-Jun-16
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 800m
Boundary Layer Height: none
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 10 km/hr
Wind Direction: NW
Temperature: 5.1 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	60.2 LAeq	111.4 dB
Edwards:	60.3 LAeq	105.6 dB
Fred:	50.2 LAeq	112.3 dB
Hollinger Office:	60.0 LAeq	111.0 dB
Noah:	63.4 LAeq	110.6 dB
Sandy:	52.4 LAeq	107.7 dB
Water Tower:	62.6 LAeq	120.1 dB
Wilson:	51.0 LAeq	111.9 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:	3.6	3.9	5.3	6.4
Edwards:	2.3	2.5	7.4	10.1
Hollinger Office:	2.4	2.9	7.6	11.3
Hollinger Park:	3.6	4.3	16.0	28.0
Sandy:	2.2	2.5	9.4	10.7

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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:	0.8	1.6
Edwards:	0.0	0.0
Hollinger Office:	1.8	2.5
Hollinger Park:	2.2	3.7
Sandy:	1.4	2.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

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