

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_177P/S
Date: 23-Aug-16
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 11:38 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: SW
Temperature: 21.2 °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:	54.3 LAeq	107.4 dB
Edwards:	64.4 LAeq	100.5 dB
Fred:	52.6 LAeq	100.3 dB
Hollinger Office:	59.0 LAeq	105.2 dB
Noah:	60.6 LAeq	100.6 dB
Sandy:	56.5 LAeq	119.2 dB
Water Tower:	50.9 LAeq	106.1 dB
Wilson:	34.7 LAeq	86.7 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:	6.9	7.1	6.5	16.4
Edwards:	10.4	20.9	20.7	45.4
Hollinger Office:	17.6	21.4	15.2	22.7
Hollinger Park:	10.1	14.9	19.8	26.1
Sandy:	6.9	9.2	13.2	17.7

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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:	1.1	5.5
Edwards:	4.7	8.4
Hollinger Office:	1.5	2.4
Hollinger Park:	3.2	9.4
Sandy:	2.0	2.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	0.2	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.2	0.4	0.2
Moneta Pumping Station:	1.5	0.4	1.0
Sandy:	0.7	0.7	0.7
Water Tower:	0.2	0.1	0.3
Wilson:	0.5	0.5	0.6