

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_114
Date: 28-Jul-16
Blast Time: 11:44
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 762 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: N
Temperature: 18 °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:	56.6 LAeq	105.5 dB
Edwards:	60.6 LAeq	99.8 dB
Fred:	48.9 LAeq	107.8 dB
Hollinger Office:	57.9 LAeq	111.2 dB
Noah:	61.9 LAeq	107.8 dB
Sandy:	51.8 LAeq	107.9 dB
Water Tower:	51.2 LAeq	115.6 dB
Wilson:	51.5 LAeq	107.9 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:	3.1	3.3	14.2	15.0
Edwards:	3.5	4.2	11.9	13.9
Hollinger Office:	5.5	6.7	74.3	77.2
Hollinger Park:	14.4	29.3	20.6	56.8
Sandy:	7.1	9.5	48.9	55.0

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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:	0.1	0.5
Edwards:	0.2	0.7
Hollinger Office:	2.2	4.2
Hollinger Park:	1.9	2.5
Sandy:	1.8	6.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	2.3	0.7	2.3
Hollinger West:	0.5	0.2	0.4
Imerys:	3.0	2.5	4.1
Noah:	1.9	2.3	2.1
Moneta Pumping Station:	0.3	0.1	0.4
Sandy:	0.4	0.5	0.4
Water Tower:	2.0	1.0	2.6
Wilson:	1.1	0.9	1.3