

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_047
Date: 19-Jul-15
Blast Time: 15:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1700 m
Boundary Layer Height: None m
Cloud Cover: 75% Cloudy
Wind Speed: 21 km/hr
Wind Direction: SW
Temperature: 25.1 °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:	56.7 LAeq	115.1 dB
Edwards:	54.9 LAeq	114.6 dB
Fred:	51.4 LAeq	116.1 dB
Hollinger Office:	58.0 LAeq	122.0 dB
Noah:	60.6 LAeq	117.3 dB
Sandy:	56.3 LAeq	114.3 dB
Water Tower:	57.3 LAeq	122.5 dB
Wilson:	LAeq	dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: Received dust alerts due to excessive winds.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.1	7.8	15.0	16.7
Edwards:	84.9	205.8	93.1	213.0
Hollinger Office:	84.9	164.5	66.9	102.3
Hollinger Park:	18.2	24.4	24.4	33.0
Sandy:	10.3	12.3	21.1	26.1

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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:	1.2	3.0
Edwards:	11.4	18.6
Hollinger Office:	7.5	13.6
Hollinger Park:	1.4	2.5
Sandy:	0.3	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.5	0.7
Hollinger West:	1.6	0.9	1.1
Imerys:	2.3	2.4	3.1
Noah:	3.7	2.6	4.5
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.8	0.7	0.7
Water Tower:	7.8	4.8	10.1
Wilson:	1.6	0.9	1.2