

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_099
Date: 15-Jul-16
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 426
Boundary Layer Height: none
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 23.9 °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:	54.0 LAeq	102.8 dB
Edwards:	48.6 LAeq	97.7 dB
Fred:	44.0 LAeq	98.5 dB
Hollinger Office:	63.1 LAeq	104.2 dB
Noah:	61.5 LAeq	103.6 dB
Sandy:	53.3 LAeq	108.5 dB
Water Tower:	LAeq	dB
Wilson:	51.7 LAeq	102.1 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.4	6.3	9.9	12.0
Edwards:	0.0	0.0	0.0	0.0
Hollinger Office:	17.0	35.6	15.6	51.9
Hollinger Park:	20.0	38.3	25.1	50.0
Sandy:	14.0	26.8	0.0	0.0

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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:	0.9	1.4
Edwards:	0.0	0.0
Hollinger Office:	2.0	4.3
Hollinger Park:	3.2	6.3
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	0.5	0.3	0.7
Imerys:	0.3	0.3	0.2
Noah:	0.5	0.3	0.3
Moneta Pumping Station:	1.6	1.2	1.9
Sandy:	1.2	1.1	2.0
Water Tower:	0.8	0.3	0.8
Wilson:	1.1	1.1	0.9