

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_095/096
Date: 05-Apr-16
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: none m
Boundary Layer Height: 110 m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: SW
Temperature: -4 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	50.6 LAeq	104.8 dB
Edwards:	50.7 LAeq	101.1 dB
Fred:	44.2 LAeq	100.8 dB
Hollinger Office:	56.4 LAeq	103.5 dB
Noah:	59.1 LAeq	104.2 dB
Sandy:	50.5 LAeq	107.6 dB
Water Tower:	44.4 LAeq	119.1 dB
Wilson:	47.6 LAeq	103.2 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.3	11.6	7.7	16.4
Edwards:	15.1	31.3	31.0	70.8
Hollinger Office:	48.3	101.3	63.7	150.9
Hollinger Park:	18.0	23.9	36.8	63.8
Sandy:	9.5	12.5	10.5	15.1

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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:	0.9	1.6
Edwards:	5.4	11.1
Hollinger Office:	6.7	11.7
Hollinger Park:	2.5	4.4
Sandy:	0.9	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.3	0.2
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	1.8	0.2	0.3
Imerys:	0.2	0.3	0.2
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	3.8	2.6	2.1
Sandy:	1.2	1.4	1.4
Water Tower:	0.3	0.2	0.2
Wilson:	0.8	0.8	0.7