

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_069A
Date: 23-Apr-16
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 m
Boundary Layer Height: 0 m
Cloud Cover: 0% Clear
Wind Speed: 5 km/hr
Wind Direction: S
Temperature: 9.5 °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: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	53.4 LAeq	103.6 dB
Edwards:	45.8 LAeq	96.5 dB
Fred:	41.3 LAeq	93.9 dB
Hollinger Office:	62.4 LAeq	106.3 dB
Noah:	62.5 LAeq	100.4 dB
Sandy:	47.9 LAeq	95.2 dB
Water Tower:	57.1 LAeq	104.2 dB
Wilson:	44.6 LAeq	95.0 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.4	13.0	7.9	8.8
Edwards:	7.4	8.3	10.7	13.3
Hollinger Office:	10.0	16.9	13.3	31.8
Hollinger Park:	11.0	15.2	14.7	27.9
Sandy:	11.7	14.3	10.0	13.2

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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	1.1
Edwards:	0.9	1.2
Hollinger Office:	2.2	2.8
Hollinger Park:	0.8	1.5
Sandy:	2.5	7.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	1.1	0.7
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.6	0.3	0.3
Hollinger West:	1.7	0.1	0.3
Imerys:	0.5	0.3	0.4
Noah:	0.5	0.3	1
Moneta Pumping Station:	0.7	0.7	0.8
Sandy:	0.4	0.6	0.5
Water Tower:	0.4	0.2	0.5
Wilson:	0.6	0.6	0.5