

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_191
Date: 4-Apr-16
Blast Time: 15:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: none m
Boundary Layer Height: 90 m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: W
Temperature: -7.3 °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:	55.7 LAeq	112.4 dB
Edwards:	48.3 LAeq	105.6 dB
Fred:	45.1 LAeq	110.2 dB
Hollinger Office:	61.8 LAeq	112.7 dB
Noah:	60.0 LAeq	110.8 dB
Sandy:	53.1 LAeq	114.3 dB
Water Tower:	46.9 LAeq	113.6 dB
Wilson:	47.4 LAeq	108.9 dB

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

Dust Alert: No Exceedances

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.0	12.2	8.2	10.7
Edwards:	9.1	12.3	14.7	19.6
Hollinger Office:	16.1	23.8	16.1	27.7
Hollinger Park:	28.0	40.8	32.6	53.7
Sandy:	9.6	13.8	10.1	16.0

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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:	1.3	2.5
Edwards:	1.6	2.2
Hollinger Office:	3.2	4.0
Hollinger Park:	3.3	5.1
Sandy:	1.5	2.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.5
Edwards:	0.3	0.4	0.3
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	1.7	0.2	0.2
Imerys:	0.3	0.4	0.2
Noah:	0.2	0.2	0.4
Moneta Pumping Station:	0.9	0.7	0.6
Sandy:	0.7	0.5	0.7
Water Tower:	0.1	0.2	0.1
Wilson:	0.5	0.4	0.5