

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3385_065/067
Date: 05-Oct-15
Blast Time: 15:54
Blast Sign Activation: 8:30
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: Unlimited m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 6 km/hr
Wind Direction: NE
Temperature: 13.5 °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:	54.8 LAeq	108.9 dB
Edwards:	53.4 LAeq	101.2 dB
Fred:	45.3 LAeq	98.0 dB
Hollinger Office:	62.4 LAeq	111.5 dB
Noah:	61.4 LAeq	105.4 dB
Sandy:	54.4 LAeq	108.0 dB
Water Tower:	60.7 LAeq	111.1 dB
Wilson:	51.2 LAeq	104.8 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.4	9.5	15.7	19.9
Edwards:	10.4	14.8	14.4	23.3
Hollinger Office:	13.0	35.2	16.5	51.5
Hollinger Park:	7.4	9.8	13.9	24.9
Sandy:	6.3	8.1	10.1	17.6

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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:	1.9	7.1
Edwards:	2.6	4.9
Hollinger Office:	10.9	31.9
Hollinger Park:	1.8	3.9
Sandy:	0.8	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	1.4	0.8	1.5
Water Tower:	0.3	0.1	0.5
Wilson:	0.5	0.4	0.4