

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_018/3364 outcrops
Date: 15-Sep-16
Blast Time: 15:37
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 1463 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 9.9 km/hr
Wind Direction: NE
Temperature: 19.7 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	55.4 LAeq	108.7 dB
Edwards:	57.2 LAeq	103.5 dB
Fred:	46.5 LAeq	108.5 dB
Hollinger Office:	LAeq	dB
Noah:	60.3 LAeq	106.0 dB
Sandy:	54.1 LAeq	109.3 dB
Water Tower:	48.5 LAeq	113.2 dB
Wilson:	54.4 LAeq	110.9 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:	1.9	2.3	0.1	0.3
Edwards:	6.5	9.4	9.5	16.1
Hollinger Office:	32.5	89.8	31.8	90.1
Hollinger Park:	12.5	17.8	19.3	28.2
Sandy:	9.6	17.6	11.5	20.7

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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:	0.2	1.3
Edwards:	1.7	5.1
Hollinger Office:	7.5	16.2
Hollinger Park:	1.2	2.5
Sandy:	0.7	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	1.9	1.3	1.1
Imerys:	0.4	0.8	0.8
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	0.4	0.2	0.5
Sandy:	0.5	0.7	0.9
Water Tower:	1.1	0.6	0.7
Wilson:	2.6	3.3	5.0