

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_078
Date: 26-Jul-15
Blast Time: 15:44
Blast Sign Activation: 9:00
Website Notification Time: 8:45

Blast Conditions

Ceiling Height: 2320 m
Boundary Layer Height: N/A m
Cloud Cover: 75% Cloudy
Wind Speed: 14 km/hr
Wind Direction: W
Temperature: 30 °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:	57.1 LAeq	105.1 dB
Edwards:	53.7 LAeq	106.4 dB
Fred:	48.3 LAeq	102.8 dB
Hollinger Office:	57.9 LAeq	104.5 dB
Noah:	61.2 LAeq	106.1 dB
Sandy:	54.6 LAeq	105.2 dB
Water Tower:	51.8 LAeq	113.3 dB
Wilson:	48.3 LAeq	107.1 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:	11.7	18.2	22.1	36.2
Edwards:	16.8	41.0	31.4	83.4
Hollinger Office:	24.5	50.7	20.9	38.3
Hollinger Park:	8.8	9.6	22.6	36.9
Sandy:	13.9	41.3	34.9	99.8

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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:	1.7	5.0
Edwards:	1.9	8.1
Hollinger Office:	2.1	4.9
Hollinger Park:	1.4	1.9
Sandy:	3.9	15.6

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	0.3	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.7	0.4	0.9
Sandy:	3.6	2.3	4.3
Water Tower:	0.5	0.2	0.5
Wilson:	0.7	0.6	0.6