

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_019
Date: 13-Apr-17
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 4 km/hr
Wind Direction: SE
Temperature: 8.1 °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:	52.9 LAeq	97.6 dB
Edwards:	53.9 LAeq	93.6 dB
Fred:	40.7 LAeq	88.5 dB
Hollinger Office:	56.9 LAeq	107.3 dB
Noah:	61.9 LAeq	101.9 dB
Sandy:	52.9 LAeq	107.6 dB
Water Tower:	46.2 LAeq	106.1 dB
Wilson:	50.9 LAeq	94.2 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:	6.7	8.8	7.5	10.3
Edwards:	7.3	10.5	7.1	11.3
Hollinger Office:	11.9	14.1	12.1	16.1
Hollinger Park:	23.5	48.2	35.1	88.8
Sandy:	6.8	10.1	6.8	11.9

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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:	3.8	5.1
Edwards:	2.5	6.0
Hollinger Office:	3.8	8.9
Hollinger Park:	2.3	6.3
Sandy:	1.2	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.2	0.3
Hollinger Office:	0.3	0.1	0.3
Hollinger West:	0.3	0.2	0.2
Imerys:	0.2	0.3	0.3
Noah:	0.3	0.6	0.4
Moneta Pumping Station:	2.6	1.5	1.9
Sandy:	1.0	1.0	1.0
Water Tower:	0.3	0.2	0.3
Wilson:	1.0	0.5	0.7