

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_018
Date: 20-Apr-17
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 670 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 10 km/hr
Wind Direction: SE
Temperature: 1.7 °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:	55.7 LAeq	96.4 dB
Edwards:	48.8 LAeq	102.4 dB
Fred:	43.7 LAeq	98.0 dB
Hollinger Office:	55.2 LAeq	103.2 dB
Noah:	61.5 LAeq	100.5 dB
Sandy:	52.9 LAeq	104.4 dB
Water Tower:	66.5 LAeq	107.1 dB
Wilson:	50.4 LAeq	99.8 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:	6.8	7.4	8.4	9.5
Edwards:	6.3	8.2	16.3	27.5
Hollinger Office:	11.8	16.0	25.8	47.5
Hollinger Park:	25.6	41.4	20.8	68.7
Sandy:	3.1	4.1	4.8	7.0

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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:	3.5	4.3
Edwards:	1.4	2.1
Hollinger Office:	5.7	7.7
Hollinger Park:	6.5	16.6
Sandy:	6.7	17.4

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	0.2
Hollinger Office:	0.4	0.4	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.1	0.2
Noah:	0.3	0.6	0.4
Moneta Pumping Station:	1.5	0.7	1.1
Sandy:	0.5	0.7	0.6
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.4	0.4