

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_219
Date: 24-Apr-17
Blast Time: 15:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1646 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: SE
Temperature: 0.9 °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:	54.3 LAeq	97.3 dB
Edwards:	53.5 LAeq	101.7 dB
Fred:	42.8 LAeq	98.2 dB
Hollinger Office:	70.5 LAeq	107.9 dB
Noah:	60.9 LAeq	103.4 dB
Sandy:	50.7 LAeq	102.4 dB
Water Tower:	50.4 LAeq	112.3 dB
Wilson:	50.5 LAeq	103.8 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:	6.9	7.4	1.1	2.0
Edwards:	8.0	12.1	6.7	14.9
Hollinger Office:	10.2	11.2	3.8	6.1
Hollinger Park:	15.4	24.0	12.4	23.4
Sandy:	10.8	12.9	7.7	10.5

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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:	4.1	6.9
Edwards:	0.3	0.7
Hollinger Office:	4.8	15.4
Hollinger Park:	2.4	4.5
Sandy:	1.6	2.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.9	0.3	1.0
Hollinger West:	0.1	0.1	0.2
Imerys:	0.0	0.0	0.0
Noah:	0.8	0.5	0.8
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.4	0.0
Water Tower:	0.0	0.0	0.0
Wilson:	0.4	0.2	0.4