

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_094
Date: 14-May-17
Blast Time: 11:55
Blast Sign Activation: 7:30
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 609 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 19 km/hr
Wind Direction: N
Temperature: 7.1 °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:	57.1 LAeq	107.9 dB
Edwards:	51.2 LAeq	109.3 dB
Fred:	51.4 LAeq	113.0 dB
Hollinger Office:	56.2 LAeq	113.4 dB
Noah:	61.8 LAeq	109.3 dB
Sandy:	45.6 LAeq	110.7 dB
Water Tower:	53.7 LAeq	117.8 dB
Wilson:	53.3 LAeq	116.1 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:	6.3	6.7	9.6	10.0
Edwards:	2.1	2.3	6.2	15.4
Hollinger Office:	4.7	5.6	5.1	10.5
Hollinger Park:	7.8	10.3	17.6	34.3
Sandy:	8.3	12.2	11.5	16.0

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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:	2.5	3.3
Edwards:	0.1	0.4
Hollinger Office:	1.3	1.9
Hollinger Park:	1.8	7.3
Sandy:	11.0	39.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.6
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.3	0.3
Noah:	0.4	0.3	0.8
Moneta Pumping Station:	0.8	0.4	0.4
Sandy:	0.5	0.3	0.6
Water Tower:	0.3	0.2	0.3
Wilson:	1.0	0.7	1.1