

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_032
Date: 22-May-17
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 122 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 8 km/hr
Wind Direction: S
Temperature: 11.9 °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:	53.5 LAeq	97.4 dB
Edwards:	45.8 LAeq	98.6 dB
Fred:	46.2 LAeq	98.3 dB
Hollinger Office:	53.6 LAeq	101.6 dB
Noah:	59.2 LAeq	106.2 dB
Sandy:	45.8 LAeq	107.4 dB
Water Tower:	47.2 LAeq	113.1 dB
Wilson:	49.6 LAeq	101.2 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:	10.0	12.3	21.1	22.8
Edwards:	1.1	1.2	9.5	12.1
Hollinger Office:	8.9	9.5	11.8	15.3
Hollinger Park:	1.7	2.6	10.0	11.8
Sandy:	1.7	2.0	9.1	10.1

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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:	4.4	9.8
Edwards:	2.4	7.2
Hollinger Office:	5.2	9.8
Hollinger Park:	1.2	2.7
Sandy:	1.1	1.4

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	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.7	0.3	0.5
Imerys:	0.4	0.5	0.6
Noah:	0.6	0.3	0.7
Moneta Pumping Station:	0.6	0.4	0.4
Sandy:	1.4	1.4	1.1
Water Tower:	1.3	0.6	1.8
Wilson:	2.1	1.4	1.9