

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_034
Date: 9-Jul-17
Blast Time: 11:44
Blast Sign Activation: 7:55
Website Notification Time: 8:10

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 6 km/hr
Wind Direction: N
Temperature: 12.7 °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:	50.8 LAeq	97.2 dB
Edwards:	45.8 LAeq	92.6 dB
Fred:	39.5 LAeq	94.0 dB
Hollinger Office:	56.5 LAeq	103.3 dB
Noah:	60.7 LAeq	103.9 dB
Sandy:	42.9 LAeq	110.2 dB
Water Tower:	50.8 LAeq	111.3 dB
Wilson:	57.5 LAeq	107.4 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:	2.4	2.6	6.8	7.6
Edwards:	3.3	3.6	6.4	8.2
Hollinger Office:	4.7	5.1	4.9	6.8
Sandy:	9.9	35.3	12.4	43.8

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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:	0.0	0.0
Edwards:	0.8	1.3
Hollinger Office:	1.3	2.7
Sandy:	3.7	5.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	1.7	1.9	2.6
Imerys:	0.7	0.6	0.5
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	0.6	0.6	0.6
Sandy:	1.4	1.0	1.4
Water Tower:	0.4	0.9	0.7
Wilson:	3.0	2.5	4.9