

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_003
Date: 1-Sep-17
Blast Time: 11:41
Blast Sign Activation: 8:35
Website Notification Time: 8:40

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 9 km/hr
Wind Direction: W
Temperature: 12.9 °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:	57.4 LAeq	105.0 dB
Edwards:	49.6 LAeq	99.9 dB
Fred:	42.8 LAeq	99.2 dB
Hollinger Office:	63.1 LAeq	111.5 dB
Noah:	63.5 LAeq	104.9 dB
Sandy:	45.9 LAeq	114.0 dB
Water Tower:	52.4 LAeq	109.8 dB
Wilson:	49.7 LAeq	98.8 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:	2.9	3.9	3.0	4.5
Edwards:	6.3	10.6	10.0	16.8
Hollinger Office:	14.4	45.2	13.7	46.5
Sandy:	4.3	9.2	6.8	11.8

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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:	0.3	1.8
Edwards:	1.9	5.8
Hollinger Office:	2.8	5.9
Sandy:	3.6	17.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.3	0.4	0.4
Imerys:	0.5	0.4	0.4
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	2.3	1.6	1.7
Sandy:	2.0	1.7	1.7
Water Tower:	0.7	0.4	0.8
Wilson:	1.1	1.3	1.3