

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_007/008
Date: 12-May-18
Blast Time: 15:45
Blast Sign Activation: 7:44
Website Notification Time: 7:19

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: 16.6 °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:	53.1 LAeq	103.0 dB
Edwards:	48.7 LAeq	100.9 dB
Fred:	43.4 LAeq	107.0 dB
Hollinger Office:	56.7 LAeq	107.8 dB
Noah:	61.5 LAeq	105.0 dB
Sandy:	42.1 LAeq	109.9 dB
Water Tower:	47.8 LAeq	114.7 dB
Wilson:	49.7 LAeq	106.8 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.7	9.8	8.9	10.7
Edwards:	7.9	10.2	8.6	13.9
Hollinger Office:	20.1	36.6	21.4	56.3
Sandy:	13.8	39.5	15.8	63.8

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	0.5	1.1
Edwards:	0.6	1.6
Hollinger Office:	2.4	7.7
Sandy:	4.3	11.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.6	0.7
Hollinger West:	1.3	1.7	1.7
Imerys:	1.9	2.0	1.7
Noah:	2.4	1.8	2.4
Moneta Pumping Station:	0.3	0.4	0.4
Sandy:	0.4	0.5	0.4
Water Tower:	5.0	2.2	2.0
Wilson:	2.7	1.4	1.4