

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_009
Date: 13-May-18
Blast Time: 11:50
Blast Sign Activation: 7:55
Website Notification Time: 8:25

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered clouds
Wind Speed: 22 km/hr
Wind Direction: W
Temperature: 17.2 °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:	54.1 LAeq	115.5 dB
Edwards:	48.8 LAeq	109.2 dB
Fred:	46.6 LAeq	111.1 dB
Hollinger Office:	55.9 LAeq	110.2 dB
Noah:	60.6 LAeq	110.3 dB
Sandy:	47.5 LAeq	112.3 dB
Water Tower:	51.6 LAeq	120.7 dB
Wilson:	51.3 LAeq	112.0 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.4	11.2	11.5	17.8
Edwards:	15.5	28.0	31.6	67.3
Hollinger Office:	60.7	89.5	72.1	124.2
Sandy:	7.3	9.3	9.0	11.2

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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:	0.9	3.6
Edwards:	4.9	13.8
Hollinger Office:	8.7	10.1
Sandy:	0.6	0.9

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:	0.0	0.1	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.4	0.4	0.4
Imerys:	0.5	0.3	0.3
Noah:	0.5	0.4	0.7
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.9	0.7	0.9
Water Tower:	0.7	0.3	0.2
Wilson:	1.8	1.7	1.6