

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_055
Date: 19-Oct-17
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15.2 km/hr
Wind Direction: W
Temperature: 11.7 °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:	59.2 LAeq	118.4 dB
Edwards:	55.9 LAeq	118.5 dB
Fred:	54.5 LAeq	117.5 dB
Hollinger Office:	59.5 LAeq	118.7 dB
Noah:	63.8 LAeq	116.2 dB
Sandy:	53.3 LAeq	119.8 dB
Water Tower:	55.6 LAeq	122.9 dB
Wilson:	56.4 LAeq	116.6 dB

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

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.9	26.2	0.0	0.0
Edwards:	73.7	137.7	83.2	174.0
Hollinger Office:	64.1	85.1	61.9	82.0
Sandy:	25.2	30.9	24.0	31.3

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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:	8.6	24.9
Hollinger Office:	6.7	9.8
Sandy:	1.1	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0.0
Hollinger Office:	0.6	0.4	0.3
Hollinger West:	2.5	1.6	3.1
Imerys:	1.7	1.8	1.7
Noah:	1.4	1.1	1.6
Moneta Pumping Station:	0.4	0.4	0.6
Sandy:	0.6	0.4	0.6
Water Tower:	3.6	2.6	2.8
Wilson:	2.2	1.4	2.6