

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_001
Date: 18-Oct-17
Blast Time: 15:40
Blast Sign Activation: 8:00
Website Notification Time: 11:55

Blast Conditions

Ceiling Height: 30000 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 20.5 km/hr
Wind Direction: SSW
Temperature: 20.4 °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:	57.6 LAeq	111.7 dB
Edwards:	56.6 LAeq	115.5 dB
Fred:	50.4 LAeq	120.4 dB
Hollinger Office:	58.5 LAeq	116.3 dB
Noah:	63.3 LAeq	116.9 dB
Sandy:	54.2 LAeq	118.6 dB
Water Tower:	64.8 LAeq	121.3 dB
Wilson:	57.2 LAeq	120.7 dB

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

Dust Alert: No exceedances recorded at 24hrs.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.7	10.5	13.3	15.3
Edwards:	14.2	19.4	23.4	34.9
Hollinger Office:	56.3	120.9	59.1	147.4
Sandy:	16.8	35.2	24.2	61.6

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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:	1.0	1.9
Edwards:	2.6	5.2
Hollinger Office:	5.7	13.6
Sandy:	1.8	2.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.3	0.1	0.3
Hollinger West:	0.3	0.2	0.3
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.2	0.4
Moneta Pumping Station:	2.8	1.4	1.4
Sandy:	1.2	1.2	0.9
Water Tower:	0.4	0.2	0.4
Wilson:	0.9	0.5	0.8