

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_060
Date: 21-Oct-17
Blast Time: 11:37
Blast Sign Activation: 7:30
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 17000 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 15 km/hr
Wind Direction: S
Temperature: 15.3 °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:	54.4 LAeq	99.4 dB
Edwards:	47.0 LAeq	101.4 dB
Fred:	45.8 LAeq	100.2 dB
Hollinger Office:	54.0 LAeq	107.0 dB
Noah:	60.7 LAeq	102.9 dB
Sandy:	50.1 LAeq	105.8 dB
Water Tower:	52.6 LAeq	108.7 dB
Wilson:	52.3 LAeq	101.8 dB

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

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.7	17.6	23.4	24.9
Edwards:	14.8	15.3	31.7	32.7
Hollinger Office:	31.6	90.7	48.0	168.2
Sandy:	16.3	17.0	24.6	27.1

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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:	2.8	5.9
Edwards:	2.4	4.4
Hollinger Office:	7.6	24.8
Sandy:	3.8	5.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.2	0.2	0.2
Imerys:	0.4	0.3	0.4
Noah:	0.5	0.3	0.4
Moneta Pumping Station:	0.7	0.5	0.6
Sandy:	1.1	0.4	0.7
Water Tower:	0.4	0.2	0.3
Wilson:	1.1	0.6	1.6