

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_135
Date: 29-Jul-18
Blast Time: 11:50
Blast Sign Activation: 7:35
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 9000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 8.7 km/hr
Wind Direction: SW
Temperature: 19.4 °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:	56.2 LAeq	99.6 dB
Edwards:	52.3 LAeq	105.1 dB
Fred:	0 LAeq	0 dB
Hollinger Office:	56.0 LAeq	102.7 dB
Noah:	60.5 LAeq	101.3 dB
Sandy:	52.1 LAeq	111.2 dB
Water Tower:	49.8 LAeq	110.0 dB
Wilson:	51.9 LAeq	103.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.9	16.3	21.6	23.9
Edwards:	9.0	9.5	32.1	34.7
Hollinger Office:	12.1	13.3	34.7	46.2
Sandy:	2.8	3.3	20.6	22.7

Hollinger Public Blast Report



PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.9	3.4
Edwards:	4.1	8.1
Hollinger Office:	3.2	8.9
Sandy:	0.3	0.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.0
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.5	0.6	0.5
Imerys:	0.2	0.3	0.4
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	0.7	0.4	0.5
Sandy:	2.5	1.6	2.0
Water Tower:	0.7	0.3	0.7
Wilson:	1.8	1.9	2.6