

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_164Knob & 3352_101
Date: 12-Feb-18
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 20000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 9 km/hr
Wind Direction: NW
Temperature: -17.3 °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:	54.5 LAeq	107.6 dB
Edwards:	48.3 LAeq	99.8 dB
Fred:	42.0 LAeq	103.0 dB
Hollinger Office:	61.6 LAeq	111.1 dB
Noah:	63.6 LAeq	104.6 dB
Sandy:	42.3 LAeq	108.5 dB
Water Tower:	48.4 LAeq	117.1 dB
Wilson:	52.3 LAeq	103.2 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:	5.9	7.2	3.8	4.7
Edwards:	8.0	18.6	8.9	23.4
Hollinger Office:	10.7	22.5	12.5	24.0
Sandy:	7.3	12.0	10.0	19.3

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:	2.6	3.9
Edwards:	3.5	5.5
Hollinger Office:	5.3	6.2
Sandy:	7.4	27.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.7	0.9	2.2
Hollinger West:	0.3	0.3	0.3
Imerys:	2.7	1.9	2.1
Noah:	2.8	2.7	2.0
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.5	0.3	0.5
Water Tower:	1.0	1.2	1.0
Wilson:	1.5	1.6	1.2