

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_054
Date: 07-Jan-16
Blast Time: 11:33
Blast Sign Activation: 6:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1200 m
Boundary Layer Height: 800 m
Cloud Cover: 100% Overcast
Wind Speed: 4 km/hr
Wind Direction: NNE
Temperature: °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{aeq}	L_{peak} dB
Comfort Inn:	68.9 LAeq	127.5 dB
Edwards:	67.4 LAeq	129.7 dB
Fred:	65.4 LAeq	129.1 dB
Hollinger Office:	76.3 LAeq	129.2 dB
Noah:	72.7 LAeq	131.6 dB
Sandy:	70.7 LAeq	128.1 dB
Water Tower:	72.3 LAeq	132.5 dB
Wilson:	66.4 LAeq	125.6 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			Power outage	
Edwards:			Power outage	
Hollinger Office:	8.8	14.0	12.3	19.4
Hollinger Park:	4.2	4.8	4.3	8.8
Sandy:			Power Outage	

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:		Power Outage
Edwards:		Power Outage
Hollinger Office:	3.6	4.7
Hollinger Park:	1.9	2.9
Sandy:		Power Outage

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	1.8	0.1	0.1
Imerys:	0.4	0.4	0.4
Noah:	0.5	0.3	0.9
Moneta Pumping Station:	0.5	0.2	0.3
Sandy:	2.1	1.9	1.8
Water Tower:	0.9	1	1.7
Wilson:	1.2	0.5	0.7