

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_108
Date: 15-Mar-16
Blast Time: 15:40
Blast Sign Activation: 13:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 517 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: E
Temperature: 5.1 °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:	55.6 LAeq	102.1 dB
Edwards:	48.7 LAeq	99.2 dB
Fred:	43.2 LAeq	92.4 dB
Hollinger Office:	67.2 LAeq	112.1 dB
Noah:	60.5 LAeq	105.0 dB
Sandy:	57.0 LAeq	106.8 dB
Water Tower:	47.7 LAeq	112.2 dB
Wilson:	49.5 LAeq	97.5 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:	7.5	8.1	5.1	6.4
Edwards:	1.0	1.1	10.5	13.4
Hollinger Office:	1.2	1.4	12.8	20.2
Hollinger Park:	0.8	1.0	11.0	17.3
Sandy:	0.6	0.8	7.9	14.4

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:	1.6	3.0
Edwards:	2.2	4.0
Hollinger Office:	3.9	5.4
Hollinger Park:	2.4	3.4
Sandy:	1.5	2.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.1
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	1.6	0.1	0.2
Imerys:	0.3	0.2	0.4
Noah:	0.5	0.4	0.6
Moneta Pumping Station:	0.3	0.3	0.2
Sandy:	0.4	0.5	0.3
Water Tower:	0.2	0.2	0.2
Wilson:	0.5	0.5	0.4