

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_161
Date: 17-Sep-16
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 152 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5.1 km/hr
Wind Direction: NW
Temperature: 15.7 °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:	56.4 LAeq	119.5 dB
Edwards:	55.4 LAeq	112.6 dB
Fred:	42.2 LAeq	105.3 dB
Hollinger Office:	61.0 LAeq	126.5 dB
Noah:	59.9 LAeq	115.8 dB
Sandy:	55.7 LAeq	125.1 dB
Water Tower:	48.7 LAeq	126.5 dB
Wilson:	46.6 LAeq	118.8 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:	4.4	4.9	9.6	10.7
Edwards:	10.8	13.1	12.9	15.5
Hollinger Office:	11.9	17.0	16.1	20.6
Hollinger Park:	8.0	9.1	15.9	18.1
Sandy:	4.9	5.5	11.9	14.0

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:	1.7	3.2
Edwards:	6.7	8.8
Hollinger Office:	4.2	6.4
Hollinger Park:	1.7	2.0
Sandy:	0.6	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.0	0.2	0.7
Hollinger West:	0.6	0.2	0.3
Imerys:	1.0	1.1	1.1
Noah:	0.7	0.5	0.9
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	0.3	0.7	0.7
Water Tower:	0.7	0.3	1.0
Wilson:	1.1	0.9	0.9