

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_047
Date: 31-Oct-15
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 1097 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 8.3 km/hr
Wind Direction: N
Temperature: 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:	55.0 LAeq	107.2 dB
Edwards:	64.4 LAeq	106.9 dB
Fred:	48.0 LAeq	102.5 dB
Hollinger Office:	62.4 LAeq	115.8 dB
Noah:	60.3 LAeq	108.7 dB
Sandy:	58.1 LAeq	105.2 dB
Water Tower:	49.9 LAeq	112.0 dB
Wilson:	50.1 LAeq	106.0 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:	7.0	7.7	6.1	7.6
Edwards:	4.0	4.4	9.1	11.0
Hollinger Office:	10.2	13.1	10.8	15.6
Hollinger Park:	3.8	4.1	7.9	10.2
Sandy:	3.8	4.9	6.1	8.9

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:	1.4	2.3
Edwards:	2.1	3.5
Hollinger Office:	3.6	8.6
Hollinger Park:	2.0	3.3
Sandy:	0.8	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.1	0.2	0.1
Hollinger Office:	1.0	0.4	0.6
Hollinger West:	0.1	0.1	0.2
Imerys:	0.7	0.2	0.5
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.7	0.5	0.7
Water Tower:	0.3	0.2	0.3
Wilson:	0.4	0.3	0.5