

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_058
Date: 11-Jan-17
Blast Time: 11:36
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 792 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: -4.2 °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:	52.6 LAeq	111.4 dB
Edwards:	48.6 LAeq	107.3 dB
Fred:	44.9 LAeq	113.5 dB
Hollinger Office:	60.7 LAeq	111.8 dB
Noah:	58.2 LAeq	112.0 dB
Sandy:	50.6 LAeq	114.6 dB
Water Tower:	52.6 LAeq	116.9 dB
Wilson:	68.9 LAeq	120.3 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:	5.3	5.8	5.3	6.6
Edwards:	9.1	15.3	8.6	12.8
Hollinger Office:	8.9	10.8	0.0	0.0
Hollinger Park:	8.1	9.3	8.9	10.8
Sandy:	5.0	6.0	5.3	6.4

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:	1.2	2.9
Edwards:	8.3	19.0
Hollinger Office:	10.0	12.7
Hollinger Park:	7.4	22.0
Sandy:	8.5	18.5

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:	0.2	0.2	0.3
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	0.3	0.2	0.3
Imerys:	0.4	0.4	0.3
Noah:	0.7	0.3	0.6
Moneta Pumping Station:	0.8	0.6	0.5
Sandy:	1.7	1.0	1.5
Water Tower:	0.5	0.3	0.3
Wilson:	1.4	1.1	1.5