

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_112
Date: 20-Dec-15
Blast Time: 11:33
Blast Sign Activation: 7:35
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 304 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: W
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:	48.4 LAeq	104.2 dB
Edwards:	60.5 LAeq	98.5 dB
Fred:	42.7 LAeq	90.0 dB
Hollinger Office:	61.9 LAeq	101.1 dB
Noah:	57.1 LAeq	96.0 dB
Sandy:	60.2 LAeq	110.8 dB
Water Tower:	46.0 LAeq	103.2 dB
Wilson:	48.6 LAeq	95.0 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:	3.6	4.0	3.6	4.5
Edwards:	5.7	7.8	4.4	5.7
Hollinger Office:	10.2	15.7	6.2	13.4
Hollinger Park:	2.1	2.5	3.1	4.9
Sandy:	4.3	5.1	1.7	2.4

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:	3.0	5.7
Edwards:	2.2	5.0
Hollinger Office:	19.1	42.4
Hollinger Park:	0.7	0.8
Sandy:	0.7	0.9

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:	0.1	0.3	0.1
Hollinger Office:	0.5	0.3	0.3
Hollinger West:	1.9	0.2	0.7
Imerys:	0.3	0.4	0.2
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	1.4	0.6	0.9
Sandy:	9.0	8.1	7.3
Water Tower:	0.3	0.3	0.3
Wilson:	1.2	1.2	1.2