

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_043
Date: 6-Jun-15
Blast Time: 11:34
Blast Sign Activation: 6:45
Website Notification Time: 6:45

Blast Conditions

Ceiling Height: None m
Boundary Layer Height: None m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6 km/hr
Wind Direction: S
Temperature: 8.1 °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:	54.2 LAeq	102.5 dB
Edwards:	49.6 LAeq	99.4 dB
Fred:	47.5 LAeq	95.2 dB
Hollinger Office:	55.8 LAeq	109.0 dB
Noah:	61.7 LAeq	103.0 dB
Sandy:	47.6 LAeq	96.7 dB
Water Tower:	56.1 LAeq	104.8 dB
Wilson:	44.0 LAeq	98.3 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.7	9.3	20.4	29.9
Edwards:	5.7	8.1	16.6	33.1
Hollinger Office:	8.9	16.5	9.5	29.4
Hollinger Park:	21.0	80.5	56.3	211.9
Sandy:	3.5	5.0	4.7	10.2

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:	0.2	0.3
Edwards:	6.5	13.7
Hollinger Office:	5.3	18.2
Hollinger Park:	9.1	21.2
Sandy:	1.1	5.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.6
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.2	0.2	0.1
Imerys:	0.2	0.2	0.4
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	0.7	0.7	0.5
Sandy:	2.4	2.4	2.5
Water Tower:	0.4	0.1	0.4
Wilson:	1.1	0.7	0.8