

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_029
Date: 13-May-17
Blast Time: 11:45
Blast Sign Activation: 7:45
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 120 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 4.6 km/hr
Wind Direction: NE
Temperature: 8.5 °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:	58.3 LAeq	102.4 dB
Edwards:	54.3 LAeq	99.2 dB
Fred:	44.5 LAeq	91.0 dB
Hollinger Office:	56.4 LAeq	107.7 dB
Noah:	63.9 LAeq	106.6 dB
Sandy:	42.5 LAeq	107.8 dB
Water Tower:	52.5 LAeq	117.7 dB
Wilson:	49.9 LAeq	103.7 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:	6.1	6.4	11.3	11.7
Edwards:	2.5	2.8	3.7	4.9
Hollinger Office:	8.6	9.3	2.0	3.6
Hollinger Park:	5.0	5.4	4.1	4.7
Sandy:	4.3	7.6	7.3	13.6

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	3.1	4.1
Edwards:	0.9	1.4
Hollinger Office:	4.6	8.7
Hollinger Park:	4.2	8.9
Sandy:	10.0	24.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	0.5	0.2	0.4
Imerys:	0.6	0.4	0.5
Noah:	0.7	0.4	0.7
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	1.4	0.8	1.3
Water Tower:	1.4	0.7	1.1
Wilson:	1.5	1.3	1.2