

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_041
Date: 21-Apr-15
Blast Time: 11:34
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 1220 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 7.5 km/hr
Wind Direction: SW
Temperature: 2.4 °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:	56.6 LAeq	113.7 dB
Edwards:	59.8 LAeq	109.8 dB
Fred:	51.2 LAeq	112.5 dB
Hollinger Office:	58.4 LAeq	114.5 dB
Noah:	61.1 LAeq	111.5 dB
Sandy:	67.6 LAeq	105.6 dB
Water Tower:	58.2 LAeq	120.6 dB
Wilson:	55.4 LAeq	112.0 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:	7.3	7.8	10.7	11.5
Edwards:	6.1	6.9	10.9	20.8
Hollinger Office:	13.7	15.3	16.1	19.7
Hollinger Park:	19.6	27.1	4.7	6.1
Sandy:	12.1	18.0	20.1	35.6

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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:	0.4	0.6
Edwards:	0.8	1.2
Hollinger Office:	2.3	3.1
Hollinger Park:	0.0	0.0
Sandy:	1.9	8.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.3	0.3
Noah:	0.5	0.6	0.5
Moneta Pumping Station:	3.5	2.5	4.1
Sandy:	2.7	7.9	2.8
Water Tower:	0.2	0.1	0.2
Wilson:	0.6	0.4	0.8