

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_102
Date: 13-Apr-15
Blast Time: 15:42
Blast Sign Activation: 11:55
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 280 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast Rain
Wind Speed: 23 km/hr
Wind Direction: S
Temperature: 7.1 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	57.1 LAeq	59.2 dB
Edwards:	62.5 LAeq	56.2 dB
Fred:	48.2 LAeq	51.2 dB
Hollinger Office:	66.6 LAeq	63.7 dB
Noah:	64.2 LAeq	66.8 dB
Sandy:	53.2 LAeq	54.8 dB
Water Tower:	60.2 LAeq	62.9 dB
Wilson:	54.2 LAeq	56.6 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:	14.3	14.6	19.9	20.7
Edwards:	13.6	14.1	16.7	17.5
Hollinger Office:	18.8	19.5	20.3	21.0
Hollinger Park:	21.2	22.3	5.0	5.8
Sandy:	15.9	16.7	18.4	19.8

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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:	1.0	1.4
Edwards:	2.8	6.4
Hollinger Office:	5.5	6.4
Hollinger Park:	0.0	0.0
Sandy:	2.0	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.3	0.6
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.3	0.3	0.6
Moneta Pumping Station:	0.6	0.6	1.2
Sandy:	4.2	2.6	2.3
Water Tower:	0.2	0.1	0.2
Wilson:	0.3	0.3	0.4