

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_074
Date: 12-Jul-15
Blast Time: 11:39
Blast Sign Activation: 8:30
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: None m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 3 km/hr
Wind Direction: SW
Temperature: 24.8 °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	107.0 dB
Edwards:	48.4 LAeq	102.6 dB
Fred:	49.1 LAeq	99.3 dB
Hollinger Office:	58.5 LAeq	107.2 dB
Noah:	59.7 LAeq	106.4 dB
Sandy:	52.0 LAeq	127.3 dB
Water Tower:	47.5 LAeq	113.6 dB
Wilson:	46.0 LAeq	119.2 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:	43.2	44.2	62.7	64.1
Edwards:	20.9	22.6	86.3	92.8
Hollinger Office:	27.5	38.3	77.4	104.4
Hollinger Park:	28.6	32.3	87.0	102.5
Sandy:	18.5	20.1	90.5	94.8

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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:	1.2	1.8
Edwards:	1.4	2.4
Hollinger Office:	2.0	2.7
Hollinger Park:	1.2	1.8
Sandy:	1.1	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.4	0.1	0.3
Imerys:	0.1	0.2	0.2
Noah:	0.3	0.5	0.3
Moneta Pumping Station:	0.9	0.6	0.7
Sandy:	3.6	3.0	3.5
Water Tower:	0.3	0.2	0.2
Wilson:	0.3	0.3	0.4