

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_125/126
Date: 23-Oct-15
Blast Time: 15:57
Blast Sign Activation: 7:45
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 6096 m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: 6.7 °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:	55.7 LAeq	109.2 dB
Edwards:	46.5 LAeq	104.1 dB
Fred:	45.9 LAeq	98.8 dB
Hollinger Office:	64.1 LAeq	118.7 dB
Noah:	61.1 LAeq	119.0 dB
Sandy:	57.7 LAeq	112.5 dB
Water Tower:	50.7 LAeq	118.4 dB
Wilson:	51.5 LAeq	107.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.3	4.0	10.4	11.0
Edwards:	2.4	2.7	13.2	14.9
Hollinger Office:	2.7	5.5	5.7	10.2
Hollinger Park:	2.6	3.4	7.1	21.1
Sandy:	1.8	2.6	4.2	13.5

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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:	4.5	8.5
Edwards:	0.8	1.1
Hollinger Office:	17.6	27.4
Hollinger Park:	2.5	4.8
Sandy:	0.6	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.6
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.1	0.1	0.2
Imerys:	0.7	0.4	0.6
Noah:	0.2	0.2	0.4
Moneta Pumping Station:	0.7	0.3	0.6
Sandy:	1.9	1.3	2.3
Water Tower:	0.3	0.1	0.4
Wilson:	0.5	0.5	0.5