

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_100A
Date: 23-Oct-15
Blast Time: 11:41
Blast Sign Activation: 7:45
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 396 m
Boundary Layer Height: None m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 11 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:	55.3 LAeq	116.9 dB
Edwards:	47.5 LAeq	108.0 dB
Fred:	45.0 LAeq	100.0 dB
Hollinger Office:	68.8 LAeq	113.1 dB
Noah:	61.0 LAeq	106.9 dB
Sandy:	57.3 LAeq	114.1 dB
Water Tower:	48.9 LAeq	109.7 dB
Wilson:	50.1 LAeq	106.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.8	3.3	6.8	7.6
Edwards:	1.8	2.0	12.1	12.8
Hollinger Office:	3.5	10.1	4.8	11.7
Hollinger Park:	4.0	4.3	1.8	3.3
Sandy:	1.9	2.6	1.9	4.8

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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:	2.0	4.6
Edwards:	0.6	1.0
Hollinger Office:	37.6	105.1
Hollinger Park:	1.1	2.0
Sandy:	0.7	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.3
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.2	0.2	0.3
Imerys:	0.7	0.4	0.7
Noah:	0.3	0.1	0.3
Moneta Pumping Station:	0.6	0.4	0.6
Sandy:	1.8	1.2	2.1
Water Tower:	0.5	0.1	0.5
Wilson:	0.5	0.4	0.4