

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_52/53/54
Date: 15-Oct-15
Blast Time: 11:40
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 153 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 12 km/hr
Wind Direction: S
Temperature: 5.7 °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: Extencicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	59.2 LAeq	104.7 dB
Edwards:	54.7 LAeq	99.6 dB
Fred:	47.1 LAeq	92.6 dB
Hollinger Office:	58.5 LAeq	113.8 dB
Noah:	62.1 LAeq	105.7 dB
Sandy:	54.5 LAeq	98.1 dB
Water Tower:	49.3 LAeq	106.4 dB
Wilson:	54.7 LAeq	100.2 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:	4.1	4.8	9.0	9.8
Edwards:	2.9	3.4	5.2	16.9
Hollinger Office:	3.9	7.9	4.7	11.5
Hollinger Park:	4.1	4.3	4.7	5.8
Sandy:	3.6	4.5	3.7	5.1

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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:	2.1	7.0
Edwards:	2.2	4.6
Hollinger Office:	10.4	42.4
Hollinger Park:	3.3	5.4
Sandy:	2.1	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.2	0
Hollinger Office:	0.7	0.3	0.8
Hollinger West:	0.1	0.0	0.2
Imerys:	0.6	0.1	0.3
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.3	0.3	0.2
Water Tower:	0.1	0.1	0.1
Wilson:	0.4	0.7	0.4