

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_101
Date: 6-Nov-15
Blast Time: 11:43
Blast Sign Activation: 7:45
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 455 m
Boundary Layer Height: 1000 m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 21 km/hr
Wind Direction: W
Temperature: 6.2 °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:	62.4 LAeq	121.5 dB
Edwards:	60.3 LAeq	123.7 dB
Fred:	54.3 LAeq	119.9 dB
Hollinger Office:	71.6 LAeq	122.3 dB
Noah:	64.7 LAeq	119.2 dB
Sandy:	56.2 LAeq	119.2 dB
Water Tower:	60.6 LAeq	128.2 dB
Wilson:	55.4 LAeq	117.0 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: Bug in TSP at Claimpost

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.2	3.6	26221.9	26445.4
Edwards:	1.9	2.9	5.4	12.3
Hollinger Office:	2.1	4.3	3.4	5.6
Hollinger Park:	3.1	3.2	1.4	2.3
Sandy:	3.3	3.7	1.9	3.2

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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:	2.5	3.7
Edwards:	6.7	17.9
Hollinger Office:	3.8	6.6
Hollinger Park:	2.5	3.6
Sandy:	0.9	1.1

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:	0.4	0.3	0.3
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	0.2	0.1	0.3
Imerys:	0.3	0.4	0.5
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	3.4	1.7	2.5
Sandy:	4.1	3.3	3.3
Water Tower:	0.4	0.2	0.4
Wilson:	0.6	0.7	0.7