

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_064
Date: 19-Oct-15
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5669 m
Boundary Layer Height: None m
Cloud Cover: 75% Cloudy
Wind Speed: 18 km/hr
Wind Direction: SW
Temperature: 8.5 °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:	56.5 LAeq	115.4 dB
Edwards:	56.2 LAeq	113.1 dB
Fred:	50.8 LAeq	115.8 dB
Hollinger Office:	68.9 LAeq	115.0 dB
Noah:	61.4 LAeq	114.8 dB
Sandy:	56.4 LAeq	111.4 dB
Water Tower:	58.1 LAeq	121.7 dB
Wilson:	57.4 LAeq	114.6 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	7.9	14.8	18.0
Edwards:	10.9	12.2	25.7	28.2
Hollinger Office:	17.8	21.9	14.9	19.3
Hollinger Park:	10.2	13.7	21.3	34.0
Sandy:	5.3	6.7	11.8	20.1

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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:	1.7	2.6
Edwards:	2.6	4.0
Hollinger Office:	4.5	11.0
Hollinger Park:	2.2	2.5
Sandy:	2.6	3.3

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:	0.2	0.2	0.1
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	0.2	0.2	0.3
Imerys:	0.3	0.2	0.2
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	1.5	0.7	1.4
Sandy:	5.7	3.2	4.9
Water Tower:	0.3	0.1	0.4
Wilson:	0.8	0.6	0.5