

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_082
Date: 28-May-16
Blast Time: 15:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 152 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 12 km/hr
Wind Direction: E
Temperature: 12.9 °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:	55.8 LAeq	102.9 dB
Edwards:	48.8 LAeq	103.5 dB
Fred:	45.9 LAeq	97.8 dB
Hollinger Office:	61.8 LAeq	107.6 dB
Noah:	59.9 LAeq	109.2 dB
Sandy:	68.1 LAeq	113.7 dB
Water Tower:	60.3 LAeq	106.8 dB
Wilson:	52.6 LAeq	104.3 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.6	6.2	12.6	14.1
Edwards:	2.6	3.8	10.8	12.4
Hollinger Office:	3.1	3.7	7.8	9.6
Hollinger Park:	12.0	17.0	15.1	28.7
Sandy:	3.9	4.8	10.5	11.7

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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:	1.6	2.7
Edwards:	1.6	2.4
Hollinger Office:	3.0	4.3
Hollinger Park:	7.8	17.1
Sandy:	6.5	19.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	0.0	0.0	0.0
Imerys:	0.7	0.5	0.5
Noah:	0.6	0.3	0.3
Moneta Pumping Station:	1.4	0.9	1.0
Sandy:	2.9	1.1	1.9
Water Tower:	1.1	0.6	0.9
Wilson:	1.0	0.9	0.9