

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_005
Date: 8-May-17
Blast Time: 15:36
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 609 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast Snow
Wind Speed: 16 km/hr
Wind Direction: SW
Temperature: -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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	55.8 LAeq	114.0 dB
Edwards:	58.4 LAeq	117.4 dB
Fred:	48.1 LAeq	113.6 dB
Hollinger Office:	63.2 LAeq	116.1 dB
Noah:	60.1 LAeq	117.8 dB
Sandy:	52.4 LAeq	114.4 dB
Water Tower:	55.7 LAeq	114.0 dB
Wilson:	54.5 LAeq	116.0 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.6	14.8	9.2	22.8
Edwards:	21.8	69.8	23.1	72.1
Hollinger Office:	39.0	88.4	41.4	104.2
Hollinger Park:	14.0	32.5	25.4	79.5
Sandy:	11.1	35.4	8.6	25.6

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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:	4.4	5.8
Edwards:	7.8	13.5
Hollinger Office:	6.9	9.0
Hollinger Park:	5.3	10.0
Sandy:	1.9	2.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.4	0.3	0.5
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.6	0.2
Moneta Pumping Station:	2.2	0.7	1.7
Sandy:	2.3	1.8	1.7
Water Tower:	0.2	0.6	0.2
Wilson:	0.9	0.7	1.2