

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_034
Date: 30-May-17
Blast Time: 15:42
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 4000 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 16 km/hr
Wind Direction: SW
Temperature: 17 °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:	55.9 LAeq	123.7 dB
Edwards:	51.7 LAeq	112.3 dB
Fred:	48.3 LAeq	110.7 dB
Hollinger Office:	57.3 LAeq	115.3 dB
Noah:	62.6 LAeq	117.1 dB
Sandy:	51.8 LAeq	118.0 dB
Water Tower:	57.9 LAeq	120.2 dB
Wilson:	53.0 LAeq	111.9 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.4	8.4	23.9	25.3
Edwards:	4.8	7.1	8.7	12.6
Hollinger Office:	9.4	14.0	17.4	28.5
Hollinger Park:	6.6	9.1	15.2	21.6
Sandy:	6.5	7.1	6.9	8.3

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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:	3.1	4.5
Edwards:	1.5	4.8
Hollinger Office:	3.6	10.6
Hollinger Park:	4.3	12.4
Sandy:	0.9	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.9
Edwards:	0.2	0.2	0.4
Hollinger Office:	0.3	0.5	0.4
Hollinger West:	0.1	0.2	0.1
Imerys:	0.3	0.4	0.4
Noah:	0.8	0.5	0.6
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	0.4	0.2	0.4
Water Tower:	0.2	0.4	0.7
Wilson:	1.1	0.4	1.0