

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_114
Date: 06-Jul-15
Blast Time: 15:44
Blast Sign Activation: 11:45
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 6000 m
Boundary Layer Height: None m
Cloud Cover: 75% Cloudy
Wind Speed: 12 km/hr
Wind Direction: SW
Temperature: 24.8 °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:	54.6 LAeq	104.0 dB
Edwards:	52.5 LAeq	111.6 dB
Fred:	50.5 LAeq	106.1 dB
Hollinger Office:	60.0 LAeq	113.7 dB
Noah:	60.5 LAeq	109.8 dB
Sandy:	54.4 LAeq	98.9 dB
Water Tower:	52.8 LAeq	110.3 dB
Wilson:	51.9 LAeq	106.4 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	57.8	59.8	80.6	85.8
Edwards:	26.8	28.0	118.2	126.0
Hollinger Office:	45.5	55.7	113.1	147.3
Hollinger Park:	45.0	50.8	125.8	137.1
Sandy:	37.9	44.4	151.1	185.2

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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:	1.8	2.6
Edwards:	1.6	2.0
Hollinger Office:	4.9	9.0
Hollinger Park:	2.8	4.5
Sandy:	1.0	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.6	0.3
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.3	0.1	0.6
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.6	0.4
Moneta Pumping Station:	1.0	1.0	0.6
Sandy:	2.3	1.2	2.1
Water Tower:	0.4	0.2	0.5
Wilson:	0.6	0.4	0.4