

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_092
Date: 30-Dec-15
Blast Time: 13:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 762 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 1.1 km/hr
Wind Direction: W
Temperature: -13.3 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due blast sirens.

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L _{Aeq}	L _{peak} dB
Comfort Inn:	50.1 LAeq	100.2 dB
Edwards:	45.3 LAeq	97.4 dB
Fred:	45.0 LAeq	93.3 dB
Hollinger Office:	51.3 LAeq	106.2 dB
Noah:	57.6 LAeq	103.3 dB
Sandy:	58.4 LAeq	113.9 dB
Water Tower:	45.6 LAeq	109.8 dB
Wilson:	44.9 LAeq	106.0 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.2	13.4	12.0	14.6
Edwards:	9.5	10.8	13.1	15.6
Hollinger Office:	10.0	11.3	10.7	11.6
Hollinger Park:	7.1	8.4	10.9	13.3
Sandy:	10.9	12.8	8.8	10.7

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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:	14.3	18.7
Edwards:	13.0	15.7
Hollinger Office:	14.2	19.8
Hollinger Park:	11.7	15.0
Sandy:	9.0	11.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.5
Edwards:	0.2	0.4	0.3
Hollinger Office:	0.3	0.4	0.3
Hollinger West:	2.0	0.2	0.3
Imerys:	0.4	0.2	0.2
Noah:	0.6	0.4	0.6
Moneta Pumping Station:	0.9	0.8	0.7
Sandy:	4.2	3.3	3.3
Water Tower:	0.4	0.2	0.4
Wilson:	1	0.7	1.4