

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_080
Date: 02-Jan-16
Blast Time: 13:38
Blast Sign Activation: 8:00
Website Notification Time: 11:45

Blast Conditions

Ceiling Height: 182 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: S
Temperature: -5.5 °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:	50.0 LAeq	106.3 dB
Edwards:	51.0 LAeq	98.5 dB
Fred:	43.0 LAeq	94.1 dB
Hollinger Office:	58.0 LAeq	104.6 dB
Noah:	57.1 LAeq	102.1 dB
Sandy:	56.6 LAeq	106.8 dB
Water Tower:	LAeq	dB
Wilson:	41.8 LAeq	99.8 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.1	8.2	5.5	7.2
Edwards:	5.9	9.2	10.8	31.9
Hollinger Office:	12.0	21.2	12.6	28.2
Hollinger Park:	2.7	3.2	6.9	9.5
Sandy:	4.4	7.3	7.5	12.1

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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:	3.4	5.2
Edwards:	10.7	27.6
Hollinger Office:	4.6	7.6
Hollinger Park:	2.4	6.6
Sandy:	1.9	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.6
Edwards:	0.3	0.4	0.2
Hollinger Office:	0.3	0.4	0.3
Hollinger West:	1.8	0.2	0.2
Imerys:	0.3	0.3	0.2
Noah:	0.6	0.3	0.6
Moneta Pumping Station:	0.6	0.5	0.5
Sandy:	2.4	2.8	1.8
Water Tower:	0.5	0.3	0.4
Wilson:	1.2	0.9	1.0