

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_094
Date: 06-Oct-15
Blast Time: 15:43
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 1737 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 3 km/hr
Wind Direction: N
Temperature: 14.7 °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:	57.0 LAeq	104.8 dB
Edwards:	58.2 LAeq	103.1 dB
Fred:	45.3 LAeq	95.4 dB
Hollinger Office:	65.1 LAeq	108.7 dB
Noah:	61.3 LAeq	100.6 dB
Sandy:	59.3 LAeq	99.2 dB
Water Tower:	49.7 LAeq	103.9 dB
Wilson:	49.9 LAeq	96.5 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.0	11.8	15.8	22.1
Edwards:	30.5	184.8	60.1	338.0
Hollinger Office:	26.1	46.8	26.3	43.9
Hollinger Park:	11.1	15.2	22.2	33.1
Sandy:	6.1	8.0	11.6	20.2

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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:	7.4	12.7
Edwards:	10.6	24.2
Hollinger Office:	45.0	116.3
Hollinger Park:	6.2	12.3
Sandy:	4.1	8.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	1.1	0.6
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.6	0.1	0.4
Hollinger West:	0.2	0.1	0.3
Imerys:	0.3	0.2	0.2
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	2.3	1.5	1.3
Water Tower:	0.4	0.1	0.8
Wilson:	0.5	0.4	0.4