

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_142
Date: 29-Jun-16
Blast Time: 15:43
Blast Sign Activation: 7:45
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 9.2 km/hr
Wind Direction: N
Temperature: 25.3 °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:	53.5 LAeq	109.4 dB
Edwards:	58.0 LAeq	106.0 dB
Fred:	43.3 LAeq	96.2 dB
Hollinger Office:	60.9 LAeq	108.2 dB
Noah:	62.4 LAeq	104.5 dB
Sandy:	62.6 LAeq	110.2 dB
Water Tower:	48.1 LAeq	109.6 dB
Wilson:	51.5 LAeq	103.8 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.3	6.0	9.5	13.8
Edwards:	6.6	8.8	11.4	18.0
Hollinger Office:	10.4	22.0	13.6	25.7
Hollinger Park:	9.5	15.8	13.9	22.7
Sandy:	8.6	21.4	10.7	21.0

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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:	0.2	1.0
Edwards:	0.0	0.0
Hollinger Office:	2.6	5.3
Hollinger Park:	0.9	1.7
Sandy:	1.1	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.6
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.3	0.3	0.2
Imerys:	0.4	0.2	0.4
Noah:	0.4	0.2	0.5
Moneta Pumping Station:	2.3	0.8	1.5
Sandy:	0.9	1.2	1.4
Water Tower:	0.3	0.2	0.4
Wilson:	1.1	0.7	0.8