

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_120
Date: 10-Jun-16
Blast Time: 15:30
Blast Sign Activation: 8:40
Website Notification Time: 9:15

Blast Conditions

Ceiling Height: 4267
Boundary Layer Height: none
Cloud Cover: 75% Cloudy
Wind Speed: 7.4 km/hr
Wind Direction: S
Temperature: 6.5 °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:	54.7 LAeq	99.6 dB
Edwards:	55.3 LAeq	97.5 dB
Fred:	42.4 LAeq	92.6 dB
Hollinger Office:	65.4 LAeq	103.4 dB
Noah:	65.3 LAeq	111.1 dB
Sandy:	56.4 LAeq	109.6 dB
Water Tower:	46.2 LAeq	104.2 dB
Wilson:	49.2 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:	6.8	12.1	12.3	30.5
Edwards:	12.3	15.0	12.5	20.3
Hollinger Office:	16.8	31.4	20.6	52.3
Hollinger Park:	10.8	13.3	18.4	23.5
Sandy:	8.5	10.3	16.6	18.9

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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:	3.8	10.0
Edwards:	0.0	0.0
Hollinger Office:	8.8	36.2
Hollinger Park:	0.3	1.0
Sandy:	1.8	6.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.5	0.3	0.6
Imerys:	0.3	0.3	0.3
Noah:	0.5	0.7	1
Moneta Pumping Station:	1.9	1.3	1.7
Sandy:	1.1	1.4	1.3
Water Tower:	0.7	0.3	0.7
Wilson:	0.7	0.9	0.8