

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_104
Date: 27-Sep-15
Blast Time: 15:34
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: unlimited m
Boundary Layer Height: None m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15 km/hr
Wind Direction: NE
Temperature: 23.7 °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:	56.8 LAeq	111.9 dB
Edwards:	56.4 LAeq	117.6 dB
Fred:	52.7 LAeq	117.6 dB
Hollinger Office:	61.5 LAeq	119.4 dB
Noah:	61.0 LAeq	121.8 dB
Sandy:	59.1 LAeq	116.4 dB
Water Tower:	60.0 LAeq	119.8 dB
Wilson:	54.5 LAeq	115.3 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.6	12.8	15.9	19.3
Edwards:	17.0	31.6	38.9	89.0
Hollinger Office:	43.4	62.0	38.7	62.2
Hollinger Park:	14.9	18.0	25.9	33.8
Sandy:	15.2	21.1	20.4	36.3

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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:	1.2	2.5
Edwards:	3.4	8.0
Hollinger Office:	5.2	8.7
Hollinger Park:	0.9	1.3
Sandy:	0.6	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.8	0.4
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.7	0.4	0.7
Sandy:	1.7	1.9	1.4
Water Tower:	0.6	0.2	0.4
Wilson:	0.8	0.5	0.6