

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_056
Date: 23-Mar-15
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: none
Boundary Layer Height: 100m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 2 km/hr
Wind Direction: N
Temperature: -14.1 °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:	52.4 LAeq	101.9 dB
Edwards:	51.4 LAeq	99.1 dB
Fred:	43.0 LAeq	97.7 dB
Hollinger Office:	56.8 LAeq	102.1 dB
Noah:	58.6 LAeq	97.1 dB
Sandy:	55.3 LAeq	97.8 dB
Water Tower:	59.6 LAeq	103.3 dB
Wilson:	48.9 LAeq	99.0 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.4	11.9	11.0	11.7
Edwards:	5.2	6.0	15.6	17.6
Hollinger Office:	14.5	19.5	27.5	44.7
Hollinger Park:	16.6	28.7	33.9	77.1
Sandy:	16.7	24.0	29.1	49.0

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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:	0.0	0.0
Edwards:	1.7	2.3
Hollinger Office:	5.5	8.1
Hollinger Park:	4.0	9.6
Sandy:	3.2	4.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards Temp:	0.2	0.2	0.2
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.8	0.5	1
Sandy:	1.7	0.9	1.3
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.4	0.4