

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_099
Date: 19-Mar-15
Blast Time: 11:37
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: none
Boundary Layer Height: 100m
Cloud Cover: 0% Clear
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: -2.8 °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:	50.7 LAeq	100.1 dB
Edwards:	50.8 LAeq	96.9 dB
Fred:	46.9 LAeq	115.2 dB
Hollinger Office:	61.0 LAeq	107.0 dB
Noah:	57.5 LAeq	109.4 dB
Sandy:	48.6 LAeq	96.8 dB
Water Tower:	54.1 LAeq	114.1 dB
Wilson:	51.5 LAeq	106.6 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:	7.3	7.8	18.6	20.1
Edwards:	23.7	63.0	57.4	172.2
Hollinger Office:	46.2	79.1	45.2	102.8
Hollinger Park:	18.8	31.5	29.9	56.9
Sandy:	7.5	13.1	20.7	38.3

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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:	0.3	0.7
Edwards:	14.1	43.9
Hollinger Office:	5.1	31.8
Hollinger Park:	3.3	5.6
Sandy:	1.6	1.9

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 Temp:	0.1	0.1	0.1
Hollinger Office:	0.1	0.2	0.1
Hollinger West:	0.3	0.3	0.6
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.7	0.6	0.7
Sandy:	2.5	2.1	2.8
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.5	0.7