

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_100
Date: 19-Mar-15
Blast Time: 15:53
Blast Sign Activation: 11:45
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: none
Boundary Layer Height: 100m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 4.9 °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:	53.1 LAeq	105.3 dB
Edwards:	52.8 LAeq	96.4 dB
Fred:	45.5 LAeq	103.9 dB
Hollinger Office:	62.8 LAeq	109.0 dB
Noah:	58.9 LAeq	107.4 dB
Sandy:	47.5 LAeq	108.0 dB
Water Tower:	54.9 LAeq	117.4 dB
Wilson:	54.5 LAeq	106.4 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:	10.2	16.4	19.2	26.8
Edwards:	26.2	132.9	32.6	201.8
Hollinger Office:	37.3	55.1	33.2	53.5
Hollinger Park:	12.1	15.4	21.6	29.4
Sandy:	5.1	7.8	10.8	15.4

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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:	0.5	0.8
Edwards:	23.6	54.7
Hollinger Office:	10.5	18.6
Hollinger Park:	5.4	8.9
Sandy:	1.1	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.1	0.2	0.1
Hollinger West:	1.2	0.7	1.5
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	0.5	0.4	0.6
Sandy:	3.8	5.0	3.4
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.5	0.7