

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_145
Date: 19-Jul-16
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144
Boundary Layer Height: none
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: SW
Temperature: 27.4 °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:	54.1 LAeq	107.9 dB
Edwards:	50.9 LAeq	104.9 dB
Fred:	46.0 LAeq	102.6 dB
Hollinger Office:	59.0 LAeq	106.7 dB
Noah:	62.2 LAeq	104.6 dB
Sandy:	48.7 LAeq	109.3 dB
Water Tower:	49.6 LAeq	115.4 dB
Wilson:	47.4 LAeq	106.0 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:	6.3	11.8	24.5	37.7
Edwards:	0.0	0.0	0.0	0.0
Hollinger Office:	22.4	35.1	26.2	42.9
Hollinger Park:	12.3	22.4	14.1	21.0
Sandy:	4.6	6.5	13.4	16.2

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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:	1.6	2.8
Edwards:	0.0	0.0
Hollinger Office:	6.7	12.0
Hollinger Park:	1.0	1.4
Sandy:	0.5	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.3
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.3	0.3	0.4
Imerys:	0.2	0.3	0.4
Noah:	0.4	0.5	0.2
Moneta Pumping Station:	1.2	0.8	0.9
Sandy:	0.6	0.7	1.0
Water Tower:	0.4	0.2	0.5
Wilson:	0.6	0.6	1.1