

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_064
Date: 24-Mar-15
Blast Time: 15:43
Blast Sign Activation: 8:45
Website Notification Time: 8:45

Blast Conditions

Ceiling Height: none
Boundary Layer Height: 100m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: 2.9 °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:	51.3 LAeq	106.5 dB
Edwards:	52.1 LAeq	98.6 dB
Fred:	41.7 LAeq	105.4 dB
Hollinger Office:	55.4 LAeq	116.2 dB
Noah:	59.6 LAeq	103.3 dB
Sandy:	48.1 LAeq	95.4 dB
Water Tower:	53.8 LAeq	109.4 dB
Wilson:	51.0 LAeq	107.2 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:	6.7	7.1	14.4	14.9
Edwards:	4.0	5.0	7.6	10.3
Hollinger Office:	18.4	61.5	17.6	78.2
Hollinger Park:	8.9	13.6	15.5	25.8
Sandy:	3.2	4.2	9.0	14.1

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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:	3.9	11.7
Hollinger Office:	8.8	20.2
Hollinger Park:	6.5	11.5
Sandy:	0.8	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.5
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.0	0.3	0.1
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.1	0.4	0.1
Moneta Pumping Station:	0.3	0.4	0.3
Sandy:	2	1.4	1.9
Water Tower:	0.2	0.2	0.2
Wilson:	0.5	0.6	0.7