

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_070
Date: 30-Apr-16
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 1889 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6 km/hr
Wind Direction: E
Temperature: 9.7 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.5 LAeq	114.8 dB
Edwards:	53.5 LAeq	103.6 dB
Fred:	42.6 LAeq	96.8 dB
Hollinger Office:	64.9 LAeq	118.5 dB
Noah:	60.4 LAeq	113.3 dB
Sandy:	64.1 LAeq	116.3 dB
Water Tower:	49.8 LAeq	116.7 dB
Wilson:	52.7 LAeq	109.3 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:	13.9	15.8	9.3	13.2
Edwards:	8.6	10.0	16.2	22.7
Hollinger Office:	11.8	14.0	13.2	20.7
Hollinger Park:	49.5	79.3	64.2	101.6
Sandy:	13.2	20.4	17.3	32.9

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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:	0.6	1.0
Edwards:	0.9	1.4
Hollinger Office:	2.1	4.9
Hollinger Park:	3.6	5.5
Sandy:	5.8	21.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.8	0.6
Edwards:	0.3	0.4	0.3
Hollinger Office:	1.0	0.2	0.3
Hollinger West:	1.7	0.1	0.3
Imerys:	0.4	0.3	0.3
Noah:	0.5	0.2	0.5
Moneta Pumping Station:	0.5	0.6	0.7
Sandy:	0.5	0.6	0.6
Water Tower:	0.5	0.2	0.6
Wilson:	0.9	0.5	0.4