

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_103
Date: 31-Jul-16
Blast Time: 11:34
Blast Sign Activation: 7:35
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 5.1 km/hr
Wind Direction: NE
Temperature: 25.1 °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:	53.5 LAeq	97.6 dB
Edwards:	54.7 LAeq	94.9 dB
Fred:	44.0 LAeq	88.1 dB
Hollinger Office:	60.4 LAeq	107.1 dB
Noah:	59.9 LAeq	101.1 dB
Sandy:	51.2 LAeq	100.8 dB
Water Tower:	51.1 LAeq	104.9 dB
Wilson:	50.4 LAeq	91.5 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:	9.2	10.1	21.7	23.4
Edwards:	8.7	9.1	24.5	27.1
Hollinger Office:	24.3	38.7	92.7	115.5
Hollinger Park:	11.1	13.9	22.9	33.8
Sandy:	8.1	9.7	57.8	64.6

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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:	0.1	0.4
Edwards:	0.0	0.0
Hollinger Office:	3.2	5.5
Hollinger Park:	0.4	1.1
Sandy:	0.0	0.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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