

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 388_078
Date: 1-Apr-15
Blast Time: 15:53
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: none
Boundary Layer Height: 130m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: N
Temperature: 5.1 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	52.8 LAeq	102.7 dB
Edwards:	44.7 LAeq	89.8 dB
Fred:	41.7 LAeq	94.5 dB
Hollinger Office:	55.6 LAeq	105.6 dB
Noah:	59.9 LAeq	98.4 dB
Sandy:	54.6 LAeq	105.1 dB
Water Tower:	51.8 LAeq	108.2 dB
Wilson:	52.3 LAeq	98.8 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:	10.1	11.0	22.5	24.5
Edwards:	13.5	15.9	17.7	20.7
Hollinger Office:	19.3	23.0	20.2	25.2
Hollinger Park:	11.3	16.1	21.0	39.6
Sandy:	10.2	16.6	17.8	30.2

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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:	35.2	49.4
Edwards:	7.8	12.9
Hollinger Office:	10.2	23.1
Hollinger Park:	8.4	11.2
Sandy:	10.6	32.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.4
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.2	0.2	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.2	0.2
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	2.1	3.2	3.8
Water Tower:	0.2	0.2	0.2
Wilson:	0.9	0.7	1.1