

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_013/3358_095
Date: 23-May-17
Blast Time: 11:43
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 304 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: NNE
Temperature: 11.6 °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:	57.2 LAeq	103.6 dB
Edwards:	50.3 LAeq	97.4 dB
Fred:	45.2 LAeq	101.4 dB
Hollinger Office:	54.3 LAeq	103.6 dB
Noah:	61.6 LAeq	104.1 dB
Sandy:	45.3 LAeq	103.6 dB
Water Tower:	48.3 LAeq	111.2 dB
Wilson:	48.9 LAeq	102.1 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:	7.2	7.8	17.8	19.4
Edwards:	3.8	4.3	7.6	10.2
Hollinger Office:	13.4	16.7	14.0	22.8
Hollinger Park:	6.3	9.0	27.6	38.3
Sandy:	1.9	2.4	6.5	8.2

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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:	4.2	7.6
Edwards:	2.0	14.6
Hollinger Office:	3.3	4.6
Hollinger Park:	4.0	10.2
Sandy:	2.0	3.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.4	1.0
Hollinger West:	0.3	0.1	0.2
Imerys:	1.3	0.5	1.5
Noah:	2.0	1.0	1.7
Moneta Pumping Station:	0.9	0.5	0.7
Sandy:	0.9	0.4	0.8
Water Tower:	0.4	0.3	0.8
Wilson:	1.5	2.2	1.1