

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_162, 3328_003AB, 3358_150
Date: 22-May-18
Blast Time: 15:52
Blast Sign Activation: 7:20
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 24000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 6 km/hr
Wind Direction: SW
Temperature: 26.5 °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:	54.9 LAeq	106.7 dB
Edwards:	48.4 LAeq	99.2 dB
Fred:	41.0 LAeq	101.8 dB
Hollinger Office:	55.4 LAeq	109.0 dB
Noah:	62.5 LAeq	110.7 dB
Sandy:	45.3 LAeq	118.2 dB
Water Tower:	53.9 LAeq	117.0 dB
Wilson:	47.9 LAeq	109.0 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.8	14.2	14.5	16.7
Edwards:	17.6	25.8	21.7	35.5
Hollinger Office:	31.8	45.2	30.5	54.3
Sandy:	32.4	161.0	47.1	330.7

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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:	0.9	1.6
Edwards:	2.9	5.8
Hollinger Office:	3.4	5.4
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	1.7	1.5	2.4
Imerys:	0.9	0.6	0.7
Noah:	0.8	0.6	0.6
Moneta Pumping Station:	0.8	0.4	0.5
Sandy:	0.1	0.1	0.1
Water Tower:	1.6	1.2	1.5
Wilson:	2.2	1.1	2.3