

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_022
Date: 26-Mar-18
Blast Time: 15:51
Blast Sign Activation: 7:43
Website Notification Time: 7:19

Blast Conditions

Ceiling Height: 24000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 17 km/hr
Wind Direction: S
Temperature: 7.4 °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:	53.3 LAeq	105.7 dB
Edwards:	45.7 LAeq	109.7 dB
Fred:	44.3 LAeq	103.0 dB
Hollinger Office:	54.4 LAeq	113.6 dB
Noah:	60.8 LAeq	111.6 dB
Sandy:	47.7 LAeq	107.4 dB
Water Tower:	52.5 LAeq	113.9 dB
Wilson:	51.1 LAeq	106.7 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:	8.8	12.5	7.3	13.0
Edwards:	10.4	12.5	9.5	15.7
Hollinger Office:	32.6	69.9	28.6	84.6
Sandy:	8.0	9.4	8.4	10.7

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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:	3.7	13.7
Edwards:	0.7	1.8
Hollinger Office:	6.0	11.7
Sandy:	1.3	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	1.8	2.0	1.8
Imerys:	0.6	0.4	0.5
Noah:	0.9	0.8	0.7
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	1.1	0.9	1.2
Water Tower:	0.7	0.4	0.6
Wilson:	4.4	4.2	4.5