

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_024
Date: 30-Apr-18
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 14.6 °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:	53.4 LAeq	101.4 dB
Edwards:	47.5 LAeq	99.0 dB
Fred:	43.2 LAeq	99.5 dB
Hollinger Office:	57.6 LAeq	105.7 dB
Noah:	63.8 LAeq	104.3 dB
Sandy:	46.6 LAeq	107.7 dB
Water Tower:	47.8 LAeq	112.0 dB
Wilson:	47.2 LAeq	107.7 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:	11.0	12.6	7.3	12.3
Edwards:	5.7	6.6	14.6	19.1
Hollinger Office:	38.6	72.0	34.1	103.8
Sandy:	15.9	25.4	20.0	34.6

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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:	1.6	3.0
Edwards:	1.2	2.3
Hollinger Office:	5.0	7.2
Sandy:	1.0	1.5

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	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	5.0	3.3	4.7
Imerys:	0.8	0.4	0.7
Noah:	0.5	0.4	0.7
Moneta Pumping Station:	0.8	0.9	1.0
Sandy:	0.8	0.9	1.2
Water Tower:	0.4	0.3	0.3
Wilson:	3.0	2.5	4.4