

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_086
Date: 23-Mar-18
Blast Time: 15:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 22 km/hr
Wind Direction: N
Temperature: -3.3 °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:	56.2 LAeq	105.0 dB
Edwards:	49.6 LAeq	107.6 dB
Fred:	49.7 LAeq	113.6 dB
Hollinger Office:	54.9 LAeq	110.0 dB
Noah:	61.8 LAeq	105.9 dB
Sandy:	46.1 LAeq	113.5 dB
Water Tower:	50.0 LAeq	111.1 dB
Wilson:	59.0 LAeq	114.6 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:	7.3	11.5	4.2	8.5
Edwards:	12.5	26.7	18.1	42.7
Hollinger Office:	23.0	38.6	24.7	56.4
Sandy:	84.1	207.3	20.7	43.8

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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:	0.3	0.5
Edwards:	0.8	1.1
Hollinger Office:	3.1	4.2
Sandy:	4.9	15.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.5
Hollinger West:	0.2	0.2	0.2
Imerys:	0.4	0.4	0.5
Noah:	0.6	0.5	0.6
Moneta Pumping Station:	0.4	0.3	0.2
Sandy:	0.3	0.3	0.4
Water Tower:	0.4	0.3	0.5
Wilson:	0.5	0.6	0.6