

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_113D/3352_139/3346_111
Date: 1-Jul-18
Blast Time: 11:45
Blast Sign Activation: 7:45
Website Notification Time: 7:37

Blast Conditions

Ceiling Height: 16000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 10.6 km/hr
Wind Direction: S
Temperature: 26.2 °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:	52.7 LAeq	108.1 dB
Edwards:	53.1 LAeq	100.4 dB
Fred:	54.1 LAeq	95.6 dB
Hollinger Office:	57.1 LAeq	112.2 dB
Noah:	61.5 LAeq	110.0 dB
Sandy:	45.7 LAeq	113.7 dB
Water Tower:	50.3 LAeq	112.6 dB
Wilson:	50.9 LAeq	102.8 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.3	17.7	130.3	143.4
Edwards:	11.4	12.2	47.5	52.3
Hollinger Office:	18.5	22.5	38.1	54.7
Sandy:	18.9	21.8	30.2	35.9

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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:	2.6	6.8
Edwards:	0.0	0.0
Hollinger Office:	6.4	11.7
Sandy:	0.7	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.2	0.2
Hollinger Office:	3.2	1.7	3.8
Hollinger West:	0.5	0.6	0.5
Imerys:	2.0	2.8	2.3
Noah:	0.9	0.9	1.3
Moneta Pumping Station:	1.0	0.5	0.6
Sandy:	0.0	0.0	0.0
Water Tower:	3.5	1.6	3.0
Wilson:	1.7	1.7	2.0