

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_181 Knob 3358_161
Date: 18-May-18
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 11000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 26 km/hr
Wind Direction: NE
Temperature: 7.9 °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:	54.3 LAeq	104.2 dB
Edwards:	46.9 LAeq	99.4 dB
Fred:	42.2 LAeq	95.8 dB
Hollinger Office:	52.7 LAeq	105.2 dB
Noah:	60.2 LAeq	105.5 dB
Sandy:	47.3 LAeq	114.9 dB
Water Tower:	48.6 LAeq	117.2 dB
Wilson:	49.8 LAeq	111.2 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:	7.6	9.7	8.5	10.9
Edwards:	5.1	9.7	9.6	25.5
Hollinger Office:	7.9	15.5	10.5	27.9
Sandy:	4.4	5.1	5.2	11.7

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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:	0.7	1.3
Edwards:	1.6	3.1
Hollinger Office:	7.2	20.0
Sandy:	3.2	4.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.7	0.7
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.1	0.4
Hollinger West:	1.4	2.4	2.7
Imerys:	0.7	0.4	0.5
Noah:	0.9	0.8	0.9
Moneta Pumping Station:	1.1	0.9	1.1
Sandy:	3.9	3.5	5.4
Water Tower:	1.1	0.8	0.7
Wilson:	1.7	1.6	2.1