

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_129/Ramp Knob
Date: 11-Aug-18
Blast Time: 11:51
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: 7 km/hr
Wind Direction: N
Temperature: 23.5 °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	99.5 dB
Edwards:	48.1 LAeq	94.9 dB
Fred:	43.8 LAeq	96.2 dB
Hollinger Office:	56.4 LAeq	109.6 dB
Noah:	61.6 LAeq	100.0 dB
Sandy:	48.0 LAeq	106.8 dB
Water Tower:	48.9 LAeq	111.3 dB
Wilson:	49.2 LAeq	103.4 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.5	25.3	32.8	39.0
Edwards:	13.5	15.8	44.5	53.7
Hollinger Office:	16.7	18.0	44.9	51.6
Sandy:	15.0	24.9	37.7	65.5

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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	1.8
Edwards:	0.6	0.9
Hollinger Office:	1.4	2.0
Sandy:	2.3	3.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.4	0.3	0.4
Imerys:	1.1	2.0	0.9
Noah:	0.8	0.4	0.3
Moneta Pumping Station:	0.7	0.6	0.8
Sandy:	2.7	1.7	3.0
Water Tower:	1.0	0.7	0.8
Wilson:	1.9	1.4	1.7