

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_081
Date: 12-Nov-17
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 700 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 0 km/hr
Wind Direction: N
Temperature: 0 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Noise Exceedances due to Blast Sirens

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	62.7 LAeq	104.6 dB
Edwards:	42.2 LAeq	97.1 dB
Fred:	35.1 LAeq	88.6 dB
Hollinger Office:	52.9 LAeq	106.8 dB
Noah:	59.2 LAeq	101.8 dB
Sandy:	49.9 LAeq	105.1 dB
Water Tower:	49.8 LAeq	112.1 dB
Wilson:	48.2 LAeq	99.8 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:	8.1	11.5	4.8	9.5
Edwards:	18.3	26.2	13.5	20.4
Hollinger Office:	14.2	16.7	11.4	13.8
Sandy:	9.9	13.8	8.3	11.3

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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:	5.0	8.6
Edwards:	5.7	9.7
Hollinger Office:	4.4	5.6
Sandy:	3.2	5.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.7
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.7	0.3	0.6
Hollinger West:	0.3	0.3	0.5
Imerys:	0.6	0.5	0.6
Noah:	0.5	0.6	0.6
Moneta Pumping Station:	0.4	0.2	0.5
Sandy:	0.3	0.2	0.4
Water Tower:	0.4	0.3	0.5
Wilson:	1.1	0.5	1.0