

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_080
Date: 14-Nov-17
Blast Time: 13:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 25000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11.8 km/hr
Wind Direction: S
Temperature: 2.6 °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:	53.5 LAeq	103.4 dB
Edwards:	47.3 LAeq	103.3 dB
Fred:	46.0 LAeq	106.8 dB
Hollinger Office:	53.5 LAeq	107.4 dB
Noah:	59.5 LAeq	107.8 dB
Sandy:	48.9 LAeq	106.7 dB
Water Tower:	51.1 LAeq	111.3 dB
Wilson:	51.9 LAeq	105.4 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.5	7.1	6.4	7.2
Edwards:	8.2	10.7	10.6	11.8
Hollinger Office:	7.7	9.3	11.0	13.4
Sandy:	4.5	5.6	7.8	9.0

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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	3.6
Edwards:	1.1	1.9
Hollinger Office:	3.9	5.2
Sandy:	1.5	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.6
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	0.6	0.3	0.7
Imerys:	0.7	0.4	0.6
Noah:	0.6	0.4	1.1
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	0.4	0.3	0.4
Water Tower:	0.5	0.4	0.4
Wilson:	0.9	0.7	1.0