

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_038
Date: 2-Dec-17
Blast Time: 13:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 800 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 11.8 km/hr
Wind Direction: S
Temperature: -6.2 °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:	53.0 LAeq	100.9 dB
Edwards:	44.7 LAeq	95.3 dB
Fred:	45.1 LAeq	84.2 dB
Hollinger Office:	52.5 LAeq	112.6 dB
Noah:	59.2 LAeq	107.3 dB
Sandy:	45.4 LAeq	103.5 dB
Water Tower:	48.7 LAeq	113.8 dB
Wilson:	48.9 LAeq	99.3 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:	9.9	10.8	6.3	7.0
Edwards:	3.2	3.7	5.5	6.2
Hollinger Office:	15.8	47.0	20.1	80.2
Sandy:	7.4	8.2	7.3	8.4

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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:	10.5	26.3
Edwards:	4.4	6.2
Hollinger Office:	60.4	297.4
Sandy:	1.5	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	1.1	0.6	1.2
Hollinger West:	0.2	0.2	0.2
Imerys:	1.6	0.5	0.9
Noah:	1.1	0.9	1.4
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.3	0.2	0.3
Water Tower:	0.4	0.4	0.5
Wilson:	1.0	0.5	1.4