

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_134
Date: 25-Oct-18
Blast Time: 15:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 0 km/hr
Wind Direction: N
Temperature: 2.5 °C

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

Noise Alert:

Blast Siren Locations:

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

	L_{aeq}	L_{peak} dB
Comfort Inn:	56.5 LAeq	107.9 dB
Edwards:	45.2 LAeq	100.1 dB
Fred:	45.6 LAeq	102.7 dB
Hollinger Office:	72.2 LAeq	114.4 dB
Noah:	60.6 LAeq	101.8 dB
Sandy:	45.3 LAeq	104.1 dB
Water Tower:	50.5 LAeq	110.8 dB
Wilson:	49.5 LAeq	102.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.1	2.1		
Edwards:	5.7	7.2	8.2	10.9
Hollinger Office:	60.7	179.0	71.2	212.8
Sandy:	1.5	2.1	3.7	5.0

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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:	0.0	0.0
Edwards:	3.6	5.6
Hollinger Office:	16.8	47.0
Sandy:	32.1	35.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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