

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_170
Date: 3-Dec-17
Blast Time: 11:30
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 100 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: SW
Temperature: 1.6 °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:	50.6 LAeq	113.0 dB
Edwards:	54.3 LAeq	102.9 dB
Fred:	42.1 LAeq	88.6 dB
Hollinger Office:	52.1 LAeq	104.0 dB
Noah:	58.4 LAeq	96.8 dB
Sandy:	43.8 LAeq	95.2 dB
Water Tower:	45.3 LAeq	101.6 dB
Wilson:	48.4 LAeq	93.8 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:	44.1	51.0	15.0	16.8
Edwards:	9.5	11.0	34.3	43.1
Hollinger Office:	76.7	103.3	39.9	46.6
Sandy:	24.4	34.7	27.9	38.0

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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:	6.9	8.6
Edwards:	12.7	26.2
Hollinger Office:	8.6	12.3
Sandy:	6.1	9.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.9	1.3	2.0
Edwards:	0.4	0.3	0.6
Hollinger Office:	0.3	0.2	0.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.4	0.3	0.6
Moneta Pumping Station:	0.3	0.2	0.5
Sandy:	0.2	0.1	0.2
Water Tower:	0.3	0.1	0.2
Wilson:	0.4	0.3	0.3