

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_142 & 3382_143
Date: 8-Oct-17
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: W
Temperature: 15.5 °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:	55.5 LAeq	110.7 dB
Edwards:	52.6 LAeq	107.1 dB
Fred:	47.5 LAeq	108.6 dB
Hollinger Office:	56.1 LAeq	110.9 dB
Noah:	59.7 LAeq	107.7 dB
Sandy:	48.3 LAeq	106.6 dB
Water Tower:	50.4 LAeq	117.3 dB
Wilson:	47.5 LAeq	107.3 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:	7.3	8.3	15.4	17.7
Edwards:	13.8	21.3	20.9	31.5
Hollinger Office:	21.5	37.0	40.4	59.2
Sandy:	10.3	11.8	11.9	13.0

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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:	0.9	2.3
Edwards:	12.6	42.3
Hollinger Office:	3.9	9.7
Sandy:	0.6	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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