

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_028
Date: 15-May-18
Blast Time: 11:47
Blast Sign Activation: 7:45
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13 km/hr
Wind Direction: NNE
Temperature: 4 °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:	56.6 LAeq	103.8 dB
Edwards:	52.7 LAeq	103.3 dB
Fred:	47.5 LAeq	110.2 dB
Hollinger Office:	56.7 LAeq	110.5 dB
Noah:	61.6 LAeq	108.8 dB
Sandy:	43.4 LAeq	111.2 dB
Water Tower:	54.6 LAeq	118.5 dB
Wilson:	56.4 LAeq	112.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.3	8.3	7.3	8.8
Edwards:	24.3	33.6	29.8	44.7
Hollinger Office:	33.5	62.6	41.8	81.8
Sandy:	22.6	41.4	24.1	44.2

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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:	0.2	0.4
Edwards:	2.1	5.0
Hollinger Office:	3.0	5.7
Sandy:	4.7	10.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	2.0	1.8	2.8
Imerys:	2.1	1.5	2.0
Noah:	1.1	1.0	1.5
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	0.5	0.4	0.6
Water Tower:	4.8	2.9	4.0
Wilson:	2.3	1.9	2.1