

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_126
Date: 2-Jun-18
Blast Time: 11:45
Blast Sign Activation: 7:35
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 11.2 km/hr
Wind Direction: NE
Temperature: 9.1 °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:	55.1 LAeq	107.6 dB
Edwards:	51.3 LAeq	103.1 dB
Fred:	46.6 LAeq	102.8 dB
Hollinger Office:	54.4 LAeq	115.5 dB
Noah:	60.1 LAeq	110.0 dB
Sandy:	45.5 LAeq	110.1 dB
Water Tower:	49.6 LAeq	117.7 dB
Wilson:	48.7 LAeq	105.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.4	8.8	0.2	0.2
Edwards:	11.6	12.0	7.7	10.4
Hollinger Office:	4.5	5.7	2.7	5.0
Sandy:	8.7	11.5	13.0	23.6

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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:	0.3	0.5
Edwards:	0.7	0.9
Hollinger Office:	0.9	1.4
Sandy:	8.6	17.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.7	0.7
Edwards:	0.2	0.2	0.3
Hollinger Office:	2.7	1.7	3.0
Hollinger West:	0.2	0.3	0.2
Imerys:	2.2	0.7	1.3
Noah:	4.3	1.3	1.9
Moneta Pumping Station:	0.5	0.4	0.6
Sandy:	0.9	1.5	1.5
Water Tower:	0.6	0.4	1.2
Wilson:	3.0	1.2	1.5