

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_157
Date: 9-Jun-18
Blast Time: 11:44
Blast Sign Activation: 7:35
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 4 km/hr
Wind Direction: E
Temperature: 17.8 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	52.5 LAeq	106.5 dB
Edwards:	47.3 LAeq	98.2 dB
Fred:	46.9 LAeq	89.1 dB
Hollinger Office:	53.8 LAeq	113.0 dB
Noah:	67.0 LAeq	107.7 dB
Sandy:	48.2 LAeq	115.1 dB
Water Tower:	48.6 LAeq	114.0 dB
Wilson:	49.7 LAeq	110.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.1	10.1	0.9	1.9
Edwards:	1.9	2.1	7.1	10.7
Hollinger Office:	9.8	10.2	8.5	11.9
Sandy:	13.5	45.5	17.2	50.5

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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:	0.5	1.6
Edwards:	0.3	0.8
Hollinger Office:	2.1	7.4
Sandy:	13.8	56.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.4	0.1	0.3
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.5	0.3	0.5
Imerys:	0.3	0.3	0.4
Noah:	0.7	0.6	0.6
Moneta Pumping Station:	3.9	2.9	3.4
Sandy:	1.4	0.5	1.3
Water Tower:	1.4	0.5	1.3
Wilson:	1.2	1.3	1.3