

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_113
Date: 24-Aug-18
Blast Time: 11:42
Blast Sign Activation: 7:45
Website Notification Time: 7:28

Blast Conditions

Ceiling Height: 25000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: 24 °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:	55.7 LAeq	103.2	dB
Edwards:	54.9 LAeq	105.5	dB
Fred:	45.3 LAeq	101.6	dB
Hollinger Office:	56.1 LAeq	109.5	dB
Noah:	61.0 LAeq	106.5	dB
Sandy:	50.1 LAeq	104.4	dB
Water Tower:	48.4 LAeq	107.9	dB
Wilson:	53.0 LAeq	102.4	dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	26.1	27.1	31.8	33.3
Edwards:	25.2	32.6	69.8	96.8
Hollinger Office:	29.0	32.7	65.4	79.6
Sandy:	20.6	22.9	53.5	64.7

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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:	1.5	3.0
Edwards:	3.4	5.4
Hollinger Office:	4.1	8.3
Sandy:	1.6	1.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.4
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.4	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	0.4	0.2	0.2
Sandy:	0.2	0.1	0.2
Water Tower:	0.3	0.2	0.2
Wilson:	0.9	0.5	0.8