

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_172/3364_Outcrop
Date: 9-Jul-18
Blast Time: 11:45
Blast Sign Activation: 8:15
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 1500 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: W
Temperature: 24.3 °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:	55.4 LAeq	113.5 dB
Edwards:	52.7 LAeq	101.6 dB
Fred:	46.1 LAeq	96.4 dB
Hollinger Office:	56.8 LAeq	105.9 dB
Noah:	61.0 LAeq	99.8 dB
Sandy:	46.8 LAeq	97.9 dB
Water Tower:	48.0 LAeq	106.1 dB
Wilson:	51.2 LAeq	96.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.6	9.3	27.8	29.3
Edwards:	19.3	29.9	28.1	42.1
Hollinger Office:	44.4	73.9	45.6	91.8
Sandy:	11.6	12.2	49.0	50.6

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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:	5.4	9.0
Edwards:	10.0	19.5
Hollinger Office:	8.6	13.3
Sandy:	1.2	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.4	2.1	2.4
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.7	0.3	0.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.2	0.1	0.1
Water Tower:	0.3	0.1	0.2
Wilson:	0.4	0.4	0.6