

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_188/3346_105
Date: 5-Jul-18
Blast Time: 15:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 24000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 20 km/hr
Wind Direction: SW
Temperature: 30.3 °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:	59.1 LAeq	117.1 dB
Edwards:	54.6 LAeq	116.1 dB
Fred:	50.7 LAeq	112.2 dB
Hollinger Office:	59.3 LAeq	116.3 dB
Noah:	63.2 LAeq	114.3 dB
Sandy:	54.3 LAeq	114.1 dB
Water Tower:	56.3 LAeq	122.9 dB
Wilson:	54.9 LAeq	115.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.7	18.3	18.9	25.0
Edwards:	49.7	90.8	76.8	142.8
Hollinger Office:	44.8	65.3	38.9	60.2
Sandy:	20.7	36.8	59.0	79.3

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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:	2.3	3.3
Edwards:	2.2	6.4
Hollinger Office:	6.5	9.4
Sandy:	0.9	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	3.2	0.6	4.1
Hollinger West:	0.3	0.2	0.3
Imerys:	2.2	3.0	3.4
Noah:	1.2	1.2	1.4
Moneta Pumping Station:	0.3	0.1	0.1
Sandy:	0.4	0.2	0.4
Water Tower:	6.8	2.6	6.1
Wilson:	0.6	0.6	0.9