

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_168
Date: 21-Nov-17
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5600 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 2.8 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.3 LAeq	111.3 dB
Edwards:	54.7 LAeq	110.8 dB
Fred:	45.8 LAeq	110.8 dB
Hollinger Office:	57.1 LAeq	110.3 dB
Noah:	60.8 LAeq	113.8 dB
Sandy:	49.5 LAeq	108.8 dB
Water Tower:	52.4 LAeq	117.2 dB
Wilson:	53.5 LAeq	112.0 dB

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

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.0	8.9	8.3	9.1
Edwards:	5.1	5.5	12.2	14.4
Hollinger Office:	13.0	29.9	26.2	43.3
Sandy:	4.7	5.6	10.3	13.1

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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:	1.3	1.8
Edwards:	3.5	6.6
Hollinger Office:	7.9	15.8
Sandy:	2.6	3.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.5	1.3
Edwards:	0.4	0.3	0.7
Hollinger Office:	0.4	0.2	0.2
Hollinger West:	0.1	0.2	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.4	0.3	0.6
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.2	0.1	0.3
Water Tower:	0.3	1.0	0.2
Wilson:	0.5	0.4	0.3