

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_014
Date: 6-Jan-18
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 20 km/hr
Wind Direction: NW
Temperature: -27.1 °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:	54.0 LAeq	103.0 dB
Edwards:	49.8 LAeq	101.2 dB
Fred:	40.3 LAeq	105.5 dB
Hollinger Office:	53.8 LAeq	115.4 dB
Noah:	60.2 LAeq	105.0 dB
Sandy:	43.1 LAeq	107.3 dB
Water Tower:	46.8 LAeq	112.4 dB
Wilson:	48.0 LAeq	100.8 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:	8.3	8.8	0.0	0.0
Edwards:	3.1	3.5	9.5	10.2
Hollinger Office:	10.6	12.9	0.0	0.0
Sandy:	3.4	4.3	0.0	0.0

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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:	2.0	2.5
Edwards:	2.2	2.6
Hollinger Office:	5.5	6.3
Sandy:	4.0	7.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.6	0.5
Edwards:	0.3	0.2	0.4
Hollinger Office:	1.0	0.5	0.8
Hollinger West:	0.3	0.4	0.3
Imerys:	1.8	1.1	1.2
Noah:	1.7	2.0	2.7
Moneta Pumping Station:	0.7	0.4	0.9
Sandy:	0.9	0.6	1.1
Water Tower:	0.7	0.6	1.1
Wilson:	1.6	1.9	1.5