

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3328_004 D/E , 2351/252 outcrop
Date: 27-Aug-18
Blast Time: 11:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 12000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 19 km/hr
Wind Direction: S
Temperature: 23 °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:	54.6 LAeq	105.5	dB
Edwards:	51.2 LAeq	104.2	dB
Fred:	45.5 LAeq	105.2	dB
Hollinger Office:	57.3 LAeq	112.9	dB
Noah:	63.0 LAeq	103.5	dB
Sandy:	49.8 LAeq	104.4	dB
Water Tower:	54.0 LAeq	116.1	dB
Wilson:	53.6 LAeq	102.6	dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.1	21.5	54.6	57.8
Edwards:	14.2	14.9	57.0	60.8
Hollinger Office:	33.6	44.1	83.6	133.4
Sandy:	11.6	13.5	45.3	48.7

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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:	2.4	7.6
Edwards:	2.2	4.6
Hollinger Office:	8.9	24.2
Sandy:	1.0	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.4	0.2	0.3
Imerys:	0.6	1.0	1.5
Noah:	1.4	0.7	1.0
Moneta Pumping Station:	0.2	0.2	0.1
Sandy:	0.3	0.2	0.3
Water Tower:	2.4	1.0	2.6
Wilson:	1.9	1.0	1.2