

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_116
Date: 5-Feb-18
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6 km/hr
Wind Direction: SE
Temperature: -17.5 °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:	59.6 LAeq	107.6 dB
Edwards:	44.2 LAeq	104.9 dB
Fred:	39.7 LAeq	100.0 dB
Hollinger Office:	55.6 LAeq	108.9 dB
Noah:	62.7 LAeq	101.2 dB
Sandy:	44.0 LAeq	100.7 dB
Water Tower:	44.9 LAeq	113.0 dB
Wilson:	57.6 LAeq	103.1 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:	6.5	10.2	4.5	10.7
Edwards:	6.4	15.3	10.3	22.9
Hollinger Office:	14.3	22.4	16.9	23.0
Sandy:	1.4	1.5	6.7	7.3

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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:	10.9	25.0
Edwards:	7.4	16.4
Hollinger Office:	8.1	10.3
Sandy:	4.2	8.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.6	0.5	0.6
Hollinger West:	0.2	0.2	0.2
Imerys:	0.6	0.5	0.4
Noah:	0.6	0.6	0.8
Moneta Pumping Station:	0.3	0.3	0.2
Sandy:	0.3	0.2	0.4
Water Tower:	0.5	0.3	0.5
Wilson:	0.7	0.6	0.7