

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_176
Date: 20-Sep-18
Blast Time: 11:47
Blast Sign Activation: 7:35
Website Notification Time: 8:10

Blast Conditions

Ceiling Height: 23000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: NE
Temperature: 14.3 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	63.7 LAeq	105.3 dB
Edwards:	46.0 LAeq	98.1 dB
Fred:	44.3 LAeq	86.9 dB
Hollinger Office:	57.1 LAeq	113.9 dB
Noah:	61.7 LAeq	101.6 dB
Sandy:	43.5 LAeq	104.2 dB
Water Tower:	50.2 LAeq	109.9 dB
Wilson:	53.2 LAeq	101.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.8	10.3	0.1	0.1
Edwards:	6.9	7.9	28.3	226.8
Hollinger Office:	18.8	23.9	20.6	29.0
Sandy:	6.3	7.9	8.8	13.5

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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:	0.0	0.0
Edwards:	3.9	9.4
Hollinger Office:	6.9	13.0
Sandy:	6.0	9.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: Exceedance @ Hollinger Office 17.1 mm/s

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.3	0.3	0.2
Hollinger Office:	17.1	7.3	3.8
Hollinger West:	0.1	0.2	0.1
Imerys:	0.0	0.1	0.1
Noah:	1.1	1.4	1.1
Moneta Pumping Station:	0.1	0.1	0.0
Sandy:	0.1	0.1	0.1
Water Tower:	1.4	1.0	0.4
Wilson:	0.3	0.5	0.3