

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3359_001
Date: 13-Dec-18
Blast Time: 11:47
Blast Sign Activation: 8:30
Website Notification Time: 8:16

Blast Conditions

Ceiling Height: 2400 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: S
Temperature: -5.1 °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:	51.0 LAeq	108.0 dB
Edwards:	47.2 LAeq	101.3 dB
Fred:	42.8 LAeq	96.5 dB
Hollinger Office:	53.2 LAeq	112.2 dB
Noah:	58.7 LAeq	100.9 dB
Sandy:	47.3 LAeq	98.2 dB
Water Tower:	47.6 LAeq	107.8 dB
Wilson:	50.2 LAeq	97.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.6	11.4	8.9	11.6
Edwards:	5.7	6.0	12.2	13.2
Hollinger Office:	15.5	17.0	15.6	20.0
Sandy:	8.7	12.0	11.0	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:	4.9	11.6
Edwards:	2.0	3.6
Hollinger Office:	11.2	26.4
Sandy:	3.1	4.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.5
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.4	0.3	0.8
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.2	0.4
Moneta Pumping Station:	0.0	0.0	0.0
Sandy:	0.1	0.0	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.2	0.1	0.5