

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3328_006EF/3346_138
Date: 4-Nov-18
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 22000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: 2 °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:	53.4 LAeq	105.1 dB
Edwards:	52.0 LAeq	94.0 dB
Fred:	41.0 LAeq	91.8 dB
Hollinger Office:	52.4 LAeq	110.4 dB
Noah:	59.0 LAeq	102.9 dB
Sandy:	45.1 LAeq	100.2 dB
Water Tower:	48.2 LAeq	108.7 dB
Wilson:	49.5 LAeq	98.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.8	2.4	1.0	1.7
Edwards:	8.0	8.8	6.1	7.5
Hollinger Office:	6.8	9.3	8.8	11.7
Sandy:	2.1	2.4	4.5	5.8

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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:	1.5	4.2
Edwards:	1.7	4.0
Hollinger Office:	4.6	7.1
Sandy:	27.5	28.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.3	0.2	1.0
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.5	0.2	0.4
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	1.4	0.9	1.6
Water Tower:	0.4	0.2	0.3
Wilson:	0.6	0.6	1.0