

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_017, 3340_095
Date: 22-Feb-19
Blast Time: 11:42
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 4000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: -6.4 °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:	48.6 LAeq	102.0 dB
Edwards:	45.1 LAeq	107.7 dB
Fred:	38.4 LAeq	90.8 dB
Hollinger Office:	51.3 LAeq	104.9 dB
Noah:	59.3 LAeq	101.5 dB
Sandy:	42.5 LAeq	104.1 dB
Water Tower:	45.0 LAeq	108.7 dB
Wilson:	67.6 LAeq	118.3 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.9	7.2	5.9	6.5
Edwards:	4.5	6.0	10.6	11.2
Hollinger Office:			13.6	14.7
Sandy:	11.7	35.8	9.7	28.8

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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:	2.2	3.3
Edwards:	4.5	6.3
Hollinger Office:	4.1	5.4
Sandy:	2.7	3.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.6
Hollinger West:	0.2	0.2	0.2
Imerys:	0.3	0.4	0.9
Noah:	0.7	0.7	0.7
Moneta Pumping Station:	0.5	0.3	0.3
Sandy:	2.9	1.7	1.8
Water Tower:	0.4	0.4	0.3
Wilson:	1.0	1.3	1.4