

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_034
Date: 8-Mar-19
Blast Time: 11:39
Blast Sign Activation: 7:46
Website Notification Time: 7:34

Blast Conditions

Ceiling Height: 20000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 20 km/hr
Wind Direction: S
Temperature: -4.5 °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:	52.3 LAeq	111.9 dB
Edwards:	47.5 LAeq	112.7 dB
Fred:	41.1 LAeq	108.0 dB
Hollinger Office:	52.9 LAeq	109.2 dB
Noah:	57.7 LAeq	108.0 dB
Sandy:	45.7 LAeq	111.4 dB
Water Tower:	51.4 LAeq	119.3 dB
Wilson:	53.8 LAeq	112.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.8	5.5	3.9	5.2
Edwards:	5.6	13.9	13.4	37.4
Hollinger Office:	11.3	20.0	28.7	57.0
Sandy:	1.6	2.0	3.4	4.0

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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:	2.0	3.1
Edwards:	15.8	48.1
Hollinger Office:	10.4	15.3
Sandy:	1.7	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.4	0.3
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.6	0.4	0.3
Sandy:	0.6	0.9	0.9
Water Tower:	0.2	0.2	0.4
Wilson:	0.7	0.8	0.8