

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_054, 3328_010C
Date: 11-Apr-19
Blast Time: 11:44
Blast Sign Activation: 7:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13 km/hr
Wind Direction: W
Temperature: 11.2 °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:	54.6 LAeq	109.2 dB
Edwards:	50.0 LAeq	104.7 dB
Fred:	42.8 LAeq	101.1 dB
Hollinger Office:	54.7 LAeq	105.4 dB
Noah:	59.8 LAeq	107.8 dB
Sandy:	44.0 LAeq	108.2 dB
Water Tower:	47.0 LAeq	113.7 dB
Wilson:	44.9 LAeq	108.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.4	9.1	5.0	6.1
Edwards:	8.6	9.7	7.5	12.3
Hollinger Office:	8.9	12.6	17.3	20.9
Sandy:	10.6	70.8		

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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:	0.6	1.0
Edwards:	1.7	3.2
Hollinger Office:	1.9	2.4
Sandy:	6.8	53.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.5	0.3	0.8
Hollinger West:	2.8	0.9	2.3
Imerys:	1.1	0.5	0.9
Noah:	0.6	0.5	0.8
Moneta Pumping Station:	1.5	1.1	1.2
Sandy:	2.6	1.4	3.3
Water Tower:	1.3	0.7	1.2
Wilson:	3.5	3.8	4.7