

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_072, 3352_161
Date: 13-May-19
Blast Time: 15:39
Blast Sign Activation: 7:40
Website Notification Time: 7:28

Blast Conditions

Ceiling Height: 15000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 11 km/hr
Wind Direction: NE
Temperature: 18.1 °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:	54.3 LAeq	106.9 dB
Edwards:	45.7 LAeq	109.7 dB
Fred:	43.6 LAeq	97.5 dB
Hollinger Office:	54.3 LAeq	112.2 dB
Noah:	58.5 LAeq	104.1 dB
Sandy:	42.8 LAeq	110.8 dB
Water Tower:	48.1 LAeq	113.0 dB
Wilson:	47.6 LAeq	105.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.3	16.3	4.9	9.9
Edwards:	7.2	8.4	9.0	14.0
Hollinger Office:	11.9	27.6	18.4	43.6
Sandy:	9.9	17.6	42.7	55.4

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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:	0.3	0.4
Edwards:	0.8	1.4
Hollinger Office:	1.4	1.8
Sandy:	3.1	10.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.2	0.4	0.8
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	3.0	0.8	3.5
Imerys:	1.5	1.3	2.1
Noah:	1.4	1.5	2.4
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	0.6	0.3	0.6
Water Tower:	6.0	3.6	4.6
Wilson:	2.0	1.2	1.6