

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3328_012PS
Date: 29-Mar-19
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 25000 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: 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:	51.8 LAeq	105.8 dB
Edwards:	47.3 LAeq	106.8 dB
Fred:	40.0 LAeq	96.5 dB
Hollinger Office:	52.3 LAeq	103.3 dB
Noah:	59.6 LAeq	100.7 dB
Sandy:	42.8 LAeq	102.4 dB
Water Tower:	45.3 LAeq	104.7 dB
Wilson:	44.8 LAeq	100.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.0	5.5	2.7	3.1
Edwards:	3.1	4.0	9.1	12.7
Hollinger Office:	13.0	46.5	25.8	111.6
Sandy:	2.5	3.0	3.0	4.1

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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:	1.2	1.9
Edwards:	6.4	30.5
Hollinger Office:	8.1	16.5
Sandy:	1.2	1.7

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:	0.1	0.1	0.1
Hollinger West:	0.4	0.4	0.4
Imerys:	0.1	0.1	0.2
Noah:	0.3	0.5	0.2
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.6	0.4	0.4
Water Tower:	0.1	0.1	0.1
Wilson:	1.1	0.9	1.7