

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3328_012 and PS
Date: 14-Apr-19
Blast Time: 15:39
Blast Sign Activation: 7:40
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 20000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 5.5 °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:	53.9 LAeq	99.0 dB
Edwards:	47.0 LAeq	101.5 dB
Fred:	40.8 LAeq	101.3 dB
Hollinger Office:	53.4 LAeq	103.4 dB
Noah:	64.3 LAeq	104.5 dB
Sandy:	42.5 LAeq	106.6 dB
Water Tower:	46.3 LAeq	103.7 dB
Wilson:	50.4 LAeq	103.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.9	7.4	3.6	4.3
Edwards:	9.5	11.4	14.4	19.3
Hollinger Office:	22.3	34.3	25.6	43.6
Sandy:	4.9	6.3	4.1	5.5

Hollinger Public Blast Report

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.3	0.5
Edwards:	1.8	2.7
Hollinger Office:	3.3	5.8
Sandy:	2.1	7.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.0	0.0	0.1
Hollinger West:	0.2	0.3	0.3
Imerys:	0.1	0.1	0.2
Noah:	0.2	0.4	0.2
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.8	0.3	0.6
Water Tower:	0.1	0.1	0.1
Wilson:	0.8	0.5	1.0
