

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_041
Date: 4-Apr-19
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 2000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 17 km/hr
Wind Direction: W
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:	56.1 LAeq	105.2 dB
Edwards:	48.8 LAeq	103.3 dB
Fred:	41.9 LAeq	107.4 dB
Hollinger Office:	55.7 LAeq	105.8 dB
Noah:	72.0 LAeq	103.7 dB
Sandy:	42.6 LAeq	114.4 dB
Water Tower:	51.3 LAeq	111.8 dB
Wilson:	46.7 LAeq	107.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.7	10.0	5.0	7.8
Edwards:	9.2	12.3	13.8	21.3
Hollinger Office:	23.4	29.3	18.0	24.4
Sandy:	7.0	9.1	8.7	13.5

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:	1.0	1.3
Edwards:	1.6	2.3
Hollinger Office:	4.8	7.1
Sandy:	2.8	3.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.5	0.4	0.5
Imerys:	0.4	0.3	1.0
Noah:	0.8	0.5	0.9
Moneta Pumping Station:	0.7	0.4	0.6
Sandy:	1.7	0.7	1.7
Water Tower:	0.6	0.4	0.6
Wilson:	2.9	1.9	3.0