

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_024, 3382_146A/B
Date: 28-Mar-19
Blast Time: 15:46
Blast Sign Activation: 7:28
Website Notification Time: 7:17

Blast Conditions

Ceiling Height: 3500 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 9 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:	55.5 LAeq	102.6 dB
Edwards:	52.6 LAeq	99.1 dB
Fred:	42.8 LAeq	98.0 dB
Hollinger Office:	53.8 LAeq	104.0 dB
Noah:	59.9 LAeq	103.4 dB
Sandy:	45.6 LAeq	111.0 dB
Water Tower:	47.0 LAeq	111.0 dB
Wilson:	49.5 LAeq	101.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.1	8.6	5.7	10.5
Edwards:	7.2	8.8	8.2	12.9
Hollinger Office:	6.3	15.9		
Sandy:	1.8	4.4	3.4	7.8

Hollinger Public Blast Report



PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	3.1	5.0
Edwards:	4.9	7.3
Hollinger Office:	0.0	0.0
Sandy:	4.6	11.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	0.3	0.4	0.3
Imerys:	0.2	0.3	0.3
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.9	0.6	0.8
Sandy:	2.7	2.3	2.8
Water Tower:	0.4	0.6	0.4
Wilson:	0.9	1.1	1.3