

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_015
Date: 18-Feb-19
Blast Time: 11:39
Blast Sign Activation: 7:20
Website Notification Time: 7:10

Blast Conditions

Ceiling Height: 1500 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15 km/hr
Wind Direction: NW
Temperature: -18.8 °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:	47.8 LAeq	47.8 dB
Edwards:	41.8 LAeq	41.8 dB
Fred:	LAeq	dB
Hollinger Office:	48.4 LAeq	48.4 dB
Noah:	54.7 LAeq	54.7 dB
Sandy:	38.2 LAeq	38.2 dB
Water Tower:	42.8 LAeq	42.8 dB
Wilson:	55.6 LAeq	55.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.0	4.8	2.7	3.3
Edwards:	1.8	2.4	5.9	8.6
Hollinger Office:			9.0	9.9
Sandy:	4.3	5.0	3.1	3.6

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:	1.1	1.5
Edwards:	1.8	2.9
Hollinger Office:	3.4	4.3
Sandy:	2.1	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	0.2	0.2	0.1
Imerys:	0.4	0.4	0.6
Noah:	0.6	0.6	0.8
Moneta Pumping Station:	0.7	0.4	0.6
Sandy:	1.4	0.8	1.3
Water Tower:	0.3	0.4	0.3
Wilson:	0.9	1.3	1.5