

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_166, 3334_063
Date: 5-Jun-19
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 25000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 14 km/hr
Wind Direction: NE
Temperature: 13.3 °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:	56.2 LAeq	109.6 dB
Edwards:	49.8 LAeq	101.0 dB
Fred:	46.4 LAeq	99.9 dB
Hollinger Office:	56.3 LAeq	110.3 dB
Noah:	61.4 LAeq	103.0 dB
Sandy:	45.5 LAeq	105.3 dB
Water Tower:	50.4 LAeq	113.3 dB
Wilson:	48.2 LAeq	103.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.9	8.4	2.3	3.8
Edwards:	8.5	11.8	5.8	16.0
Hollinger Office:			8.3	21.2
Sandy:	9.6	29.3	9.2	28.7

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:	0.2	0.3
Edwards:	0.8	1.8
Hollinger Office:	1.0	1.2
Sandy:	2.7	12.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.6	0.9	1.3
Edwards:	0.4	0.2	0.3
Hollinger Office:	1.1	0.5	0.8
Hollinger West:	0.3	0.2	0.3
Imerys:	1.2	1.1	1.3
Noah:	0.8	0.7	1.0
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.6	0.2	0.6
Water Tower:	2.3	1.8	2.7
Wilson:	0.8	0.6	1.0