

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3328_006CD 3352_085
Date: 14-Nov-18
Blast Time: 11:50
Blast Sign Activation: 7:45
Website Notification Time: 7:36

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 19 km/hr
Wind Direction: W
Temperature: -11.6 °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:	54.4 LAeq	113.3 dB
Edwards:	50.3 LAeq	110.2 dB
Fred:	43.9 LAeq	107.3 dB
Hollinger Office:	54.9 LAeq	111.3 dB
Noah:	64.8 LAeq	107.8 dB
Sandy:	43.6 LAeq	103.6 dB
Water Tower:	50.2 LAeq	117.6 dB
Wilson:	46.3 LAeq	111.4 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.0	3.4	4.2	7.5
Edwards:	11.1	33.0	14.8	45.2
Hollinger Office:	5.1	9.9	5.9	9.6
Sandy:	1.7	3.4	4.9	9.1

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:	3.0	5.7
Edwards:	9.2	28.6
Hollinger Office:	6.8	8.8
Sandy:	1.6	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.7	0.8
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.6
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.4
Noah:	1.3	1.2	0.7
Moneta Pumping Station:	0.5	0.3	0.7
Sandy:	1.5	1.6	1.7
Water Tower:	0.3	0.3	0.4
Wilson:	0.9	0.7	0.8