

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_081
Date: 27-Jan-19
Blast Time: 11:31
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2400 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 26 km/hr
Wind Direction: NW
Temperature: -29.9 °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:	54.1 LAeq	113.7 dB
Edwards:	50.1 LAeq	109.0 dB
Fred:	44.8 LAeq	114.3 dB
Hollinger Office:	55.3 LAeq	115.1 dB
Noah:	58.3 LAeq	112.9 dB
Sandy:	45.1 LAeq	113.1 dB
Water Tower:	51.1 LAeq	121.5 dB
Wilson:	52.3 LAeq	114.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.3	9.0	3.4	6.5
Edwards:	7.8	10.6	8.9	17.4
Hollinger Office:	60.2	71.5	13.6	19.8
Sandy:	13.0	17.7	9.2	12.1

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:	1.5	2.0
Edwards:	2.0	3.6
Hollinger Office:	3.6	4.3
Sandy:	4.5	7.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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