

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_149
Date: 4-Oct-18
Blast Time: 15:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially cloudy
Wind Speed: 19 km/hr
Wind Direction: W
Temperature: 6.1 °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:	59.8 LAeq	115.7 dB
Edwards:	54.9 LAeq	113.0 dB
Fred:	50.6 LAeq	116.4 dB
Hollinger Office:	59.4 LAeq	117.4 dB
Noah:	63.7 LAeq	115.3 dB
Sandy:	52.6 LAeq	114.8 dB
Water Tower:	57.2 LAeq	125.0 dB
Wilson:	56.8 LAeq	113.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.6	12.7	1.4	2.1
Edwards:	6.2	11.3	7.1	12.6
Hollinger Office:	2.7	3.8	9.2	12.3
Sandy:	3.6	3.9	3.4	5.5

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.3	1.8
Edwards:	1.2	1.7
Hollinger Office:	1.7	2.1
Sandy:	2.5	3.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	1	0.7
Edwards:	0.3	0.2	0.3
Hollinger Office:	1.3	0.2	0.8
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.5	0.6
Noah:	0.5	0.4	0.6
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.2	0.1	0.3
Water Tower:	0.4	0.1	0.3
Wilson:	0.6	0.7	0.6