

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_018
Date: 3-Mar-19
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13 km/hr
Wind Direction: W
Temperature: -12.9 °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:	50.2 LAeq	107.6 dB
Edwards:	45.9 LAeq	100.3 dB
Fred:	42.1 LAeq	104.0 dB
Hollinger Office:	50.0 LAeq	111.8 dB
Noah:	54.1 LAeq	102.5 dB
Sandy:	43.8 LAeq	105.6 dB
Water Tower:	44.6 LAeq	113.3 dB
Wilson:	54.6 LAeq	111.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.1	8.6	4.6	7.8
Edwards:	9.6	13.1	15.5	21.8
Hollinger Office:	6.7	12.1	7.4	14.9
Sandy:	2.3	2.6	3.9	4.9

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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:	3.4	5.0
Edwards:	5.9	21.1
Hollinger Office:	3.6	4.1
Sandy:	2.0	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.3	0.2	0.2
Imerys:	0.4	0.4	0.7
Noah:	0.8	0.7	0.6
Moneta Pumping Station:	0.6	0.3	0.2
Sandy:	1.0	0.8	1.0
Water Tower:	0.4	0.4	0.4
Wilson:	1.3	1.6	1.5