

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_061
Date: 3-Nov-18
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1500 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 20 km/hr
Wind Direction: N
Temperature: -1.4 °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:	57.1 LAeq	102.8 dB
Edwards:	49.9 LAeq	103.6 dB
Fred:	44.7 LAeq	102.7 dB
Hollinger Office:	55.7 LAeq	105.3 dB
Noah:	70.1 LAeq	110.8 dB
Sandy:	44.1 LAeq	107.5 dB
Water Tower:	52.4 LAeq	111.2 dB
Wilson:	47.5 LAeq	108.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.3	1.1		
Edwards:	1.9	2.7	3.6	4.0
Hollinger Office:	2.8	3.3	4.2	5.1
Sandy:	24.8	61.4	22.3	57.2

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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:	0.3	0.5
Edwards:	0.9	1.1
Hollinger Office:	3.3	4.0
Sandy:	27.9	32.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.3	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.2	0.5	0.9
Hollinger West:	0.2	0.1	0.3
Imerys:	2.0	1.2	1.6
Noah:	1.1	0.9	1.8
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.3	0.4
Water Tower:	1.3	0.7	1.0
Wilson:	0.8	0.6	1.1