

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_057, 3328_008B
Date: 1-Dec-18
Blast Time: 11:48
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: 7 km/hr
Wind Direction: SW
Temperature: 4.5 °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:	52.5 LAeq	101.1 dB
Edwards:	49.2 LAeq	95.1 dB
Fred:	42.4 LAeq	89.8 dB
Hollinger Office:	52.9 LAeq	104.4 dB
Noah:	59.1 LAeq	102.1 dB
Sandy:	44.0 LAeq	113.6 dB
Water Tower:	45.4 LAeq	113.0 dB
Wilson:	44.4 LAeq	101.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.7	7.3	5.7	6.3
Edwards:	3.5	4.8	10.6	15.6
Hollinger Office:	8.8	13.1	24.0	38.8
Sandy:	5.1	6.8	8.1	10.1

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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:	1.8	3.6
Edwards:	11.3	24.5
Hollinger Office:	4.5	7.6
Sandy:	2.3	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.5
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.5	0.7	0.5
Imerys:	0.5	0.3	0.6
Noah:	0.7	0.4	0.7
Moneta Pumping Station:	1.0	0.5	0.5
Sandy:	4.0	2.5	3.3
Water Tower:	0.7	0.7	0.6
Wilson:	2.3	0.7	2.1