

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_029 33409_029b
Date: 28-Oct-18
Blast Time: 11:41
Blast Sign Activation: 8:39
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 1400 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 13 km/hr
Wind Direction: NE
Temperature: -2.9 °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:	52.6 LAeq	98.0 dB
Edwards:	45.7 LAeq	90.8 dB
Fred:	42.7 LAeq	91.3 dB
Hollinger Office:	64.2 LAeq	102.4 dB
Noah:	58.4 LAeq	106.4 dB
Sandy:	41.9 LAeq	108.8 dB
Water Tower:	49.8 LAeq	116.0 dB
Wilson:	45.3 LAeq	107.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.5	2.0	0.5	1.0
Edwards:	3.2	3.6	6.0	6.7
Hollinger Office:	23.3	37.9	9.7	20.6
Sandy:	3.6	5.4	4.4	5.6

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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:	0.5	0.6
Edwards:	1.3	2.2
Hollinger Office:	3.1	9.3
Sandy:	33.3	40.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	1.8	1.4	2.5
Imerys:	0.4	0.4	0.5
Noah:	0.5	0.4	0.3
Moneta Pumping Station:	0.8	0.5	0.9
Sandy:	1.1	1	1.7
Water Tower:	0.9	0.6	0.7
Wilson:	2.7	2.5	3.9