

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_140
Date: 24-Nov-18
Blast Time: 11:51
Blast Sign Activation: 8:10
Website Notification Time: 7:35

Blast Conditions

Ceiling Height:	1000	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Rain
Wind Speed:	15	km/hr
Wind Direction:	SE	
Temperature:	2.8	°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:	54.6 LAeq	105.3 dB
Edwards:	46.0 LAeq	103.2 dB
Fred:	40.9 LAeq	97.2 dB
Hollinger Office:	54.0 LAeq	111.3 dB
Noah:	59.4 LAeq	109.4 dB
Sandy:	44.5 LAeq	104.2 dB
Water Tower:	50.6 LAeq	108.4 dB
Wilson:	50.3 LAeq	101.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	30.7	32.4	25.1	26.2
Edwards:	13.9	15.5	46.4	49.5
Hollinger Office:	4.5	5.8	48.6	61.2
Sandy:	14.4	15.6	35.4	37.2

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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:	3.6	4.3
Edwards:	5.5	7.5
Hollinger Office:	15.4	36.4
Sandy:	3.1	3.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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