

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_146/145B
Date: 17-Sep-18
Blast Time: 11:38
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: 15 km/hr
Wind Direction: SW
Temperature: 25.3 °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:	54.2 LAeq	108.3 dB
Edwards:	54.3 LAeq	104.3 dB
Fred:	46.5 LAeq	102.4 dB
Hollinger Office:	61.9 LAeq	112.2 dB
Noah:	61.9 LAeq	111.1 dB
Sandy:	49.2 LAeq	104.5 dB
Water Tower:	50.5 LAeq	111.9 dB
Wilson:	53.0 LAeq	104.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.2	8.4	42.4	44.0
Edwards:	8.0	9.2	27.1	30.0
Hollinger Office:	12.4	13.9	26.8	33.2
Sandy:	10.9	12.3	22.6	26.5

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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:	0.9	2.0
Edwards:	2.1	5.1
Hollinger Office:	6.8	25.9
Sandy:	0.9	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	0.5	1.0
Edwards:	0.2	0.2	0.3
Hollinger Office:	1.4	0.3	1.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.3	0.5
Noah:	0.7	0.3	0.5
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.2	0.1	0.2
Water Tower:	0.5	0.1	0.4
Wilson:	0.6	0.4	0.6