

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_177
Date: 4-Apr-19
Blast Time: 11:43
Blast Sign Activation: 7:38
Website Notification Time: 7:26

Blast Conditions

Ceiling Height: 22000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: 9.8 °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:	53.3 LAeq	110.6 dB
Edwards:	45.7 LAeq	100.2 dB
Fred:	39.9 LAeq	92.2 dB
Hollinger Office:	52.3 LAeq	109.9 dB
Noah:	58.6 LAeq	101.4 dB
Sandy:	41.9 LAeq	101.2 dB
Water Tower:	45.7 LAeq	105.2 dB
Wilson:	45.5 LAeq	99.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.7	11.9	6.7	12.4
Edwards:	6.0	11.0	5.9	20.5
Hollinger Office:	8.0	18.2	9.5	19.7
Sandy:	3.7	6.4	6.0	11.1

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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:	0.6	1.1
Edwards:	0.7	1.9
Hollinger Office:	3.9	8.3
Sandy:	0.7	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.8	1.4	2.8
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.5	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.1
Wilson:	0.6	0.2	0.4