

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_251, 3364_254
Date: 21-Jul-18
Blast Time: 15:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 14000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: E
Temperature: 26.7 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	57.5 LAeq	110.3 dB
Edwards:	48.9 LAeq	98.6 dB
Fred:	43.3 LAeq	93.2 dB
Hollinger Office:	54.3 LAeq	114.6 dB
Noah:	60.8 LAeq	105.9 dB
Sandy:	56.4 LAeq	100.6 dB
Water Tower:	49.1 LAeq	106.9 dB
Wilson:	50.8 LAeq	98.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.9	15.1	29.9	33.9
Edwards:	7.5	8.2	29.4	33.1
Hollinger Office:	15.7	17.5	32.6	39.8
Sandy:	7.0	10.9	25.4	38.0

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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:	1.1	1.3
Edwards:	0.9	1.2
Hollinger Office:	2.1	4.0
Sandy:	2.4	4.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.9	0.8
Edwards:	0.1	0.1	0.1
Hollinger Office:	2.0	0.9	1.9
Hollinger West:	0.1	0.1	0.1
Imerys:	0.5	0.4	0.5
Noah:	0.8	0.3	0.6
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.4	0.2	0.3
Wilson:	0.5	0.4	0.8