

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_027
Date: 9-May-18
Blast Time: 15:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9500 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: E
Temperature: 19.9 °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:	55.4 LAeq	98.7 dB
Edwards:	48.6 LAeq	95.5 dB
Fred:	50.9 LAeq	121.6 dB
Hollinger Office:	55.1 LAeq	103.1 dB
Noah:	61.0 LAeq	103.1 dB
Sandy:	42.9 LAeq	106.9 dB
Water Tower:	48.1 LAeq	110.3 dB
Wilson:	50.9 LAeq	112.5 dB

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

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.9	16.0	15.8	18.7
Edwards:	22.4	27.4	38.9	48.0
Hollinger Office:	35.1	58.1	45.7	98.3
Sandy:	29.0	60.8	32.0	69.6

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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:	5.8	11.5
Edwards:	6.5	10.2
Hollinger Office:	8.1	14.6
Sandy:	25.0	74.3

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:	0.0	0.0	0.0
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	3.3	2.9	5.4
Imerys:	0.7	0.8	0.9
Noah:	0.6	0.5	0.6
Moneta Pumping Station:	0.5	0.6	0.5
Sandy:	0.0	0.0	0.00
Water Tower:	1.1	0.6	0.9
Wilson:	0.0	0.0	0.0