

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_123/117
Date: 01-Oct-15
Blast Time: 15:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: Unlimited m
Boundary Layer Height: None m
Cloud Cover: 0% Clear
Wind Speed: 13 km/hr
Wind Direction: N
Temperature: 9.3 °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: Extencicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	57.3 LAeq	104.4 dB
Edwards:	50.2 LAeq	100.5 dB
Fred:	46.0 LAeq	101.4 dB
Hollinger Office:	58.6 LAeq	104.3 dB
Noah:	63.3 LAeq	107.5 dB
Sandy:	53.8 LAeq	116.3 dB
Water Tower:	50.5 LAeq	103.7 dB
Wilson:	53.0 LAeq	102.4 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.6	2.8	8.9	9.6
Edwards:	4.4	5.3	3.0	4.9
Hollinger Office:	8.5	17.5	6.7	14.8
Hollinger Park:	9.9	14.0	5.3	9.3
Sandy:	48.0	112.5	35.5	96.8

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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:	0.3	1.0
Edwards:	1.2	2.0
Hollinger Office:	5.3	9.4
Hollinger Park:	1.1	1.5
Sandy:	42.9	135.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.5
Hollinger West:	0.4	0.2	0.5
Imerys:	1.1	1.2	1.7
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	2.7	1.2	2.3
Sandy:	9.9	11.8	5.8
Water Tower:	0.7	0.2	1.1
Wilson:	1	1.1	1.1