

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_088
Date: 15-Oct-15
Blast Time: 15:33
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 1097 m
Boundary Layer Height: None m
Cloud Cover: 75% Cloudy
Wind Speed: 8 km/hr
Wind Direction: N
Temperature: 7.3 °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:	59.7 LAeq	110.0 dB
Edwards:	55.6 LAeq	103.1 dB
Fred:	50.1 LAeq	108.4 dB
Hollinger Office:	60.5 LAeq	107.4 dB
Noah:	63.5 LAeq	104.5 dB
Sandy:	55.4 LAeq	106.1 dB
Water Tower:	51.6 LAeq	113.1 dB
Wilson:	55.4 LAeq	104.9 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:	3.0	3.5	7.7	8.5
Edwards:	2.8	3.9	2.6	18.6
Hollinger Office:	1.3	2.8	3.2	5.0
Hollinger Park:	3.4	3.7	5.1	6.2
Sandy:	2.0	7.1	4.8	33.0

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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:	1.0	1.4
Edwards:	2.1	3.0
Hollinger Office:	4.2	8.7
Hollinger Park:	6.0	12.6
Sandy:	5.2	20.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.8	0.6
Edwards:	0.4	0.3	0.3
Hollinger Office:	0.6	0.2	0.4
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.3	0.3
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	1.5	0.7	0.9
Water Tower:	0.1	0.1	0.3
Wilson:	0.2	0.3	0.2