

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_092
Date: 09-Oct-15
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1828 m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: W
Temperature: 8.9 °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: Extencicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	56.5 LAeq	104.7 dB
Edwards:	59.1 LAeq	98.8 dB
Fred:	46.0 LAeq	97.9 dB
Hollinger Office:	60.2 LAeq	104.8 dB
Noah:	62.1 LAeq	106.1 dB
Sandy:	56.6 LAeq	99.0 dB
Water Tower:	52.0 LAeq	107.2 dB
Wilson:	53.3 LAeq	96.5 dB

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

Dust Alert: Bug caught in Claimpost TSP sensor.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.7	5.4	5642.7	5718.1
Edwards:	6.6	8.2	8.5	12.9
Hollinger Office:	15.0	30.9	11.5	22.6
Hollinger Park:	14.5	20.3	26.1	38.8
Sandy:	5.0	5.4	3.8	5.4

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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:	4.7	8.2
Edwards:	4.6	13.5
Hollinger Office:	11.4	72.8
Hollinger Park:	3.7	4.8
Sandy:	2.6	4.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.8	0.5
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.5	0.1	0.3
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.1	0.2
Noah:	0.2	0.4	0.2
Moneta Pumping Station:	0.6	0.2	0.5
Sandy:	1.3	1.7	0.9
Water Tower:	0.7	0.4	0.5
Wilson:	1.4	0.2	0.5