

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3394_067
Date: 13-Apr-15
Blast Time: 11:49
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2360 m
Boundary Layer Height: 590 m
Cloud Cover: 50% Partially cloudy
Wind Speed: 20 km/hr
Wind Direction: S
Temperature: 12.7 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.2 LAeq	55.9 dB
Edwards:	55.4 LAeq	54.5 dB
Fred:	44.2 LAeq	45.5 dB
Hollinger Office:	54.0 LAeq	56.9 dB
Noah:	60.7 LAeq	63.0 dB
Sandy:	52.4 LAeq	48.8 dB
Water Tower:	52.7 LAeq	53.1 dB
Wilson:	50.8 LAeq	52.3 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:	12.7	13.4	22.6	24.7
Edwards:	7.4	8.1	17.8	20.3
Hollinger Office:	12.8	15.3	28.2	39.9
Hollinger Park:	21.1	48.3	8.2	30.3
Sandy:	9.2	10.2	22.1	26.6

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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:	1.4	2.0
Edwards:	1.8	2.5
Hollinger Office:	37.9	69.9
Hollinger Park:	0.0	0.0
Sandy:	1.8	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.4
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.2
Noah:	0.3	0.2	0.4
Moneta Pumping Station:	0.7	0.5	0.8
Sandy:	2.2	1.2	1.4
Water Tower:	0.3	0.1	0.2
Wilson:	0.7	0.4	0.6