

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_039/ 3394_084
Date: 28-Jul-15
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:45

Blast Conditions

Ceiling Height: 3610 m
Boundary Layer Height: N/A m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: NW
Temperature: 29.2 °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:	54.8 LAeq	57.4 dB
Edwards:	57.1 LAeq	50.7 dB
Fred:	46.0 LAeq	47.0 dB
Hollinger Office:	55.6 LAeq	58.8 dB
Noah:	60.4 LAeq	62.5 dB
Sandy:	56.5 LAeq	58.8 dB
Water Tower:	48.6 LAeq	52.0 dB
Wilson:	50.0 LAeq	51.5 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:	14.5	17.7	14.9	19.5
Edwards:	14.3	23.5	37.7	95.1
Hollinger Office:	Not Available			
Hollinger Park:	17.2	18.9	26.9	32.5
Sandy:	10.4	11.1	29.2	34.7

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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:	3.3	5.3
Edwards:	8.2	14.0
Hollinger Office:	Not Available	
Hollinger Park:	3.4	9.5
Sandy:	3.8	14.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	0.2	0.3	0.5
Imerys:	0.7	1.1	1.0
Noah:	0.7	0.4	0.7
Moneta Pumping Station:	0.4	0.4	0.5
Sandy:	3.5	2.9	2.2
Water Tower:	2.5	0.8	2.8
Wilson:	1.6	1.3	1.0