

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_081/083/084
Date: 13-Apr-16
Blast Time: 15:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: none m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 4 km/hr
Wind Direction: S
Temperature: 6.3 °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: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	53.6 LAeq	108.4 dB
Edwards:	48.6 LAeq	103.3 dB
Fred:	44.6 LAeq	95.0 dB
Hollinger Office:	54.1 LAeq	108.5 dB
Noah:	64.1 LAeq	105.0 dB
Sandy:	57.4 LAeq	117.4 dB
Water Tower:	59.9 LAeq	111.8 dB
Wilson:	47.4 LAeq	101.6 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	13.5	9.0	12.1
Edwards:	8.4	10.1	9.2	16.1
Hollinger Office:	17.0	27.0	16.9	31.9
Hollinger Park:	12.2	16.8	16.6	29.6
Sandy:	6.2	7.1	8.4	11.2

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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:	1.6	2.3
Edwards:	4.1	9.0
Hollinger Office:	4.0	7.1
Hollinger Park:	1.3	4.6
Sandy:	0.7	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	2.0	0.4	0.6
Imerys:	0.3	0.3	0.4
Noah:	0.6	0.3	0.6
Moneta Pumping Station:	1.4	1.1	1.3
Sandy:	0.0	0.0	0.0
Water Tower:	0.3	0.3	0.4
Wilson:	1.7	1.5	1.7