

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_051
Date: 15-Apr-15
Blast Time: 15:39
Blast Sign Activation: 12:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: None m
Boundary Layer Height: None m
Cloud Cover: 0% Clear
Wind Speed: 6 km/hr
Wind Direction: NW
Temperature: 9.7 °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: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	53.7 LAeq	56.4 dB
Edwards:	47.4 LAeq	49.1 dB
Fred:	47.8 LAeq	48.4 dB
Hollinger Office:	63.0 LAeq	60.6 dB
Noah:	60.3 LAeq	62.6 dB
Sandy:	50.2 LAeq	50.0 dB
Water Tower:	47.1 LAeq	47.9 dB
Wilson:	49.2 LAeq	50.2 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:	11.4	13.9	23.0	29.0
Edwards:	8.9	11.1	17.7	25.7
Hollinger Office:	46.0	254.9	63.4	307.6
Hollinger Park:	28.0	68.2	10.6	15.7
Sandy:	7.1	9.5	12.1	19.2

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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:	1.1	1.9
Edwards:	3.1	7.9
Hollinger Office:	12.4	55.0
Hollinger Park:	0.0	0.0
Sandy:	1.2	2.0

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	0.2	0.3
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	1.8	1.3	2.1
Sandy:	3.7	3.2	2.6
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.4	0.6