

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_083
Date: 25-Apr-17
Blast Time: 15:40
Blast Sign Activation: 8:45
Website Notification Time: 8:25

Blast Conditions

Ceiling Height: 7315 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: SSW
Temperature: 18.3 °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:	55.5	L _{Aeq}	98.4 dB
Edwards:	56.0	L _{Aeq}	104.4 dB
Fred:	45.6	L _{Aeq}	106.4 dB
Hollinger Office:	67.6	L _{Aeq}	109.2 dB
Noah:	63.3	L _{Aeq}	105.6 dB
Sandy:	57.1	L _{Aeq}	110.0 dB
Water Tower:	52.8	L _{Aeq}	114.3 dB
Wilson:	53.9	L _{Aeq}	108.1 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:	11.5	21.7	11.4	28.2
Edwards:	12.2	14.8	10.3	14.9
Hollinger Office:	21.7	25.7	19.9	33.1
Hollinger Park:	18.0	60.2	22.2	68.6
Sandy:	12.1	17.5	11.4	17.8

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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:	6.5	12.4
Edwards:	0.7	2.9
Hollinger Office:	9.5	20.8
Hollinger Park:	0.8	1.3
Sandy:	1.7	2.3

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	0.2
Hollinger Office:	0.4	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.6	0.3
Noah:	0.3	0.6	0.4
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.6	0.4
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.3	0.3