

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_078
Date: 14-Aug-17
Blast Time: 15:37
Blast Sign Activation: 8:40
Website Notification Time: 8:10

Blast Conditions

Ceiling Height: 3657 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: W
Temperature: 24.3 °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:	54.8	L _{Aeq}	101.8	dB
Edwards:	50.7	L _{Aeq}	95.1	dB
Fred:	51.1	L _{Aeq}	101.5	dB
Hollinger Office:	56.0	L _{Aeq}	108.4	dB
Noah:	62.1	L _{Aeq}	103.4	dB
Sandy:	49.9	L _{Aeq}	103.7	dB
Water Tower:	54.3	L _{Aeq}	110.1	dB
Wilson:	49.7	L _{Aeq}	96.4	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:	11.8	12.5	21.9	23.4
Edwards:	8.4	14.8	32.3	59.5
Hollinger Office:	26.0	56.3	58.5	110.3
Sandy:	6.6	8.0	20.8	22.0

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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	2.3
Edwards:	6.5	19.5
Hollinger Office:	3.6	8.7
Sandy:	0.7	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.3	0.6
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.3	0.7
Noah:	0.6	0.4	0.5
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	0.4	0.3	0.4
Water Tower:	0.5	0.3	0.4
Wilson:	0.9	0.4	0.9