

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_057
Date: 28-Jul-17
Blast Time: 15:42
Blast Sign Activation: 7:45
Website Notification Time: 7:33

Blast Conditions

Ceiling Height:	305	m
Boundary Layer Height:	none	m
Cloud Cover:	75%	Cloudy
Wind Speed:	6	km/hr
Wind Direction:	W	
Temperature:	24.4	°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:	58.1 LAeq	100.1 dB
Edwards:	49.2 LAeq	99.4 dB
Fred:	45.7 LAeq	102.8 dB
Hollinger Office:	55.5 LAeq	102.2 dB
Noah:	60.8 LAeq	103.8 dB
Sandy:	50.3 LAeq	107.3 dB
Water Tower:	51.5 LAeq	110.1 dB
Wilson:	47.8 LAeq	112.0 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:	3.7	4.3	2.7	4.5
Edwards:	5.6	6.3	9.7	11.7
Hollinger Office:	12.8	15.2	9.5	19.2
Sandy:	25.1	59.1	21.1	49.6

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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:	0.3	0.4
Edwards:	0.9	1.5
Hollinger Office:	3.3	4.8
Sandy:	3.5	5.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	2.9	1.5	2.1
Imerys:	0.3	0.3	0.4
Noah:	0.5	0.3	0.4
Moneta Pumping Station:	0.4	0.4	0.5
Sandy:	0.7	0.6	0.8
Water Tower:	0.8	0.4	1.3
Wilson:	3.2	4.4	3.7