

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_059
Date: 30-Jul-17
Blast Time: 11:36
Blast Sign Activation: 7:25
Website Notification Time: 7:14

Blast Conditions

Ceiling Height:	7315	m
Boundary Layer Height:	none	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	4	km/hr
Wind Direction:	E	
Temperature:	25.6	°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:	54.0 LAeq	102.8 dB
Edwards:	53.8 LAeq	97.7 dB
Fred:	44.6 LAeq	98.6 dB
Hollinger Office:	55.1 LAeq	104.6 dB
Noah:	60.7 LAeq	104.4 dB
Sandy:	50.7 LAeq	114.7 dB
Water Tower:	50.5 LAeq	113.0 dB
Wilson:	48.8 LAeq	109.1 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:	17.1	19.3	24.0	28.4
Edwards:	15.9	22.7	41.0	64.7
Hollinger Office:	23.1	29.9	37.3	54.5
Sandy:	10.6	14.9	28.0	35.0

Hollinger Public Blast Report



NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.6	3.2
Edwards:	2.5	5.7
Hollinger Office:	1.4	3.0
Sandy:	1.0	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	3.5	2.8	3.1
Imerys:	0.7	0.7	0.6
Noah:	0.6	0.8	0.9
Moneta Pumping Station:	0.6	0.3	0.4
Sandy:	0.5	0.5	0.6
Water Tower:	2.0	0.6	1.8
Wilson:	4.6	2.7	3.8