

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_012 & 3358_114B PS
Date: 25-Jul-17
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	10000	m
Boundary Layer Height:	none	m
Cloud Cover:	0%	Clear
Wind Speed:	7	km/hr
Wind Direction:	S	
Temperature:	25.1	°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:	54.1 L_{Aeq}	101.8 dB
Edwards:	47.4 L_{Aeq}	98.5 dB
Fred:	44.3 L_{Aeq}	101.6 dB
Hollinger Office:	54.4 L_{Aeq}	104.8 dB
Noah:	60.2 L_{Aeq}	102.8 dB
Sandy:	47.9 L_{Aeq}	106.9 dB
Water Tower:	52.3 L_{Aeq}	121.9 dB
Wilson:	47.5 L_{Aeq}	97.7 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:	7.2	10.3	5.6	12.7
Edwards:	7.8	12.7	20.2	34.7
Hollinger Office:	19.5	53.4	22.3	83.1
Sandy:	9.0	13.2	11.8	20.4

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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	2.4
Edwards:	3.6	7.9
Hollinger Office:	1.4	1.8
Sandy:	0.8	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.4
Edwards:	0.3	0.1	0.2
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.2	0.2	0.2
Imerys:	0.5	0.4	0.3
Noah:	0.5	0.4	0.4
Moneta Pumping Station:	1.1	0.5	0.9
Sandy:	1.1	0.6	0.9
Water Tower:	2.6	1.4	3.1
Wilson:	1.1	0.8	0.8