

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_011 & 3358_116A preshear
Date: 29-Jul-17
Blast Time: 15:37
Blast Sign Activation: 7:35
Website Notification Time: 7:23

Blast Conditions

Ceiling Height:	6069	m
Boundary Layer Height:	none	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	9.1	km/hr
Wind Direction:	SE	
Temperature:	29.7	°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:	56.3 LAeq	106.0 dB
Edwards:	49.8 LAeq	97.0 dB
Fred:	45.6 LAeq	102.7 dB
Hollinger Office:	55.4 LAeq	107.7 dB
Noah:	59.7 LAeq	108.1 dB
Sandy:	50.4 LAeq	105.2 dB
Water Tower:	50.3 LAeq	113.7 dB
Wilson:	47.1 LAeq	102.4 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:	10.0	13.0	10.5	15.2
Edwards:	10.4	14.2	23.0	35.4
Hollinger Office:	15.7	33.1	27.4	71.3
Sandy:	19.4	62.4	21.3	85.2

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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:	0.6	1.4
Edwards:	1.7	3.7
Hollinger Office:	1.9	4.5
Sandy:	0.8	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.3	0.2
Hollinger West:	0.3	0.1	0.3
Imerys:	0.6	0.6	0.9
Noah:	0.6	0.4	0.4
Moneta Pumping Station:	1.0	0.5	0.8
Sandy:	0.7	0.6	1.1
Water Tower:	1.2	0.9	1.7
Wilson:	1.6	0.9	1.2