

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_050
Date: 26-Jun-15
Blast Time: 15:40:00 AM
Blast Sign Activation: 0:00
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: n/a m
Boundary Layer Height: None m
Cloud Cover: 25%-Scattered Clouds
Wind Speed: 5 km/hr
Wind Direction: SE
Temperature: 26.1 °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: Extencicare**

	L_{Aeq}		L_{peak} dB	
Comfort Inn:	56.0	LAeq	103.4	dB
Edwards:	58.5	LAeq	99.8	dB
Fred:	48.8	LAeq	94.5	dB
Hollinger Office:	60.6	LAeq	108.6	dB
Noah:	60.3	LAeq	102.3	dB
Sandy:	52.1	LAeq	101.9	dB
Water Tower:	56.9	LAeq	109.3	dB
Wilson:	49.0	LAeq	103.5	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:	6.4	6.9	13.8	15.4
Edwards:	8.6	13.9	14.9	27.4
Hollinger Office:	10.7	25.4	19.2	51.2
Hollinger Park:	9.3	13.8	20.4	37.6
Sandy:	7.8	16.1	19.8	45.7

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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:	0.7	1.7
Edwards:	3.3	10.9
Hollinger Office:	4.6	13.9
Hollinger Park:	1.1	1.6
Sandy:	1.1	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.3	0.1	0.2
Imerys:	0.2	0.3	0.3
Noah:	1.5	1.5	1.5
Moneta Pumping Station:	0.8	1.4	1.2
Sandy:	3.4	3.5	3.1
Water Tower:	(Off due to water tower construction)		
Wilson:	1.1	1	0.4