

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_029
Date: 03-May-15
Blast Time: 15:37:00 PM
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: none m
Boundary Layer Height: 2100 m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: W
Temperature: 24.3 °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:	59.2	L _{Aeq}	117.2	dB
Edwards:	61.6	L _{Aeq}	117.6	dB
Fred:	52.0	L _{Aeq}	124.0	dB
Hollinger Office:	68.3	L _{Aeq}	118.2	dB
Noah:	61.9	L _{Aeq}	117.1	dB
Sandy:	56.0	L _{Aeq}	106.4	dB
Water Tower:	62.2	L _{Aeq}	127.2	dB
Wilson:	53.0	L _{Aeq}	117.1	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:	20.4	21.4	33.0	38.1
Edwards:	142.9	285.9	165.2	402.9
Hollinger Office:	153.3	297.0	132.6	266.9
Hollinger Park:	227.6	521.5	220.1	516.4
Sandy:	48.9	85.8	76.7	154.6

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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:	0.9	1.3
Edwards:	16.9	30.3
Hollinger Office:	7.6	11.5
Hollinger Park:	2.7	4.4
Sandy:	1.1	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.3	0.1	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.4
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	1.9	1.0	1.3
Sandy:	3.6	4.2	3.5
Water Tower:	0.2	0.2	0.3
Wilson:	0.7	0.7	0.6