

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_084
Date: 16-Mar-18
Blast Time: 15:48
Blast Sign Activation: 7:53
Website Notification Time: 7:53

Blast Conditions

Ceiling Height: 20000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 20 km/hr
Wind Direction: W
Temperature: -4.1 °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:	55.3	L _{Aeq}	112.6 dB
Edwards:	48.0	L _{Aeq}	103.0 dB
Fred:	47.1	L _{Aeq}	110.4 dB
Hollinger Office:	55.5	L _{Aeq}	114.4 dB
Noah:	61.9	L _{Aeq}	112.4 dB
Sandy:	43.4	L _{Aeq}	105.0 dB
Water Tower:	49.6	L _{Aeq}	117.2 dB
Wilson:		L _{Aeq}	dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.5	10.1	5.5	7.7
Edwards:	6.3	7.8	14.0	17.4
Hollinger Office:	19.3	24.6	27.0	63.6
Sandy:	7.2	10.3	10.8	15.5

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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:	1.4	1.8
Edwards:	1.1	1.5
Hollinger Office:	4.6	9.8
Sandy:	4.4	5.3

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:	0.2	0.2	0.2
Hollinger Office:	0.3	0.4	0.4
Hollinger West:	0.2	0.3	0.2
Imerys:	0.5	0.3	0.5
Noah:	0.7	0.6	1.0
Moneta Pumping Station:	0.6	0.5	0.3
Sandy:	0.8	0.7	0.7
Water Tower:	0.4	0.3	0.6
Wilson:	1.1	1.6	1.5