

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_024 and 3382_029
Date: 02-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: 20.1 °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:	58.3	L_{Aeq}	106.9	dB
Edwards:	53.3	L_{Aeq}	109.0	dB
Fred:	49.1	L_{Aeq}	103.2	dB
Hollinger Office:	69.2	L_{Aeq}	108.8	dB
Noah:	60.3	L_{Aeq}	103.6	dB
Sandy:	50.4	L_{Aeq}	107.4	dB
Water Tower:	48.9	L_{Aeq}	113.1	dB
Wilson:	47.3	L_{Aeq}	105.0	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:	12.2	15.4	22.5	29.7
Edwards:	18.2	31.9	24.6	58.9
Hollinger Office:	32.1	39.9	38.7	52.9
Hollinger Park:	31.6	44.0	46.3	62.8
Sandy:	10.5	28.3	28.8	71.7

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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	1.2
Edwards:	4.8	8.8
Hollinger Office:	4.0	11.5
Hollinger Park:	2.1	2.7
Sandy:	1.1	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: Exceedance at Sandy 13mm/s (limit: 12.5mm/s)

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.4	0.2	0.3
Hollinger Office:	0.1	0.1	0.3
Hollinger West:	0.2	0.2	0.3
Imerys:	0.4	0.3	0.5
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	2.6	1.8	10.3
Sandy:	8.5	13.0	10.3
Water Tower:	0.4	0.2	0.3
Wilson:	0.7	0.8	0.9