

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_166, 3334_077
Date: 26-May-19
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	15000	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	11	km/hr
Wind Direction:	NW	
Temperature:	13.4	°C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L _{Aeq}	L _{peak} dB
Comfort Inn:	55.2 LAeq	108.3 dB
Edwards:	49.2 LAeq	103.0 dB
Fred:	46.2 LAeq	111.2 dB
Hollinger Office:	56.0 LAeq	110.3 dB
Noah:	60.2 LAeq	106.8 dB
Sandy:	44.0 LAeq	114.5 dB
Water Tower:	50.2 LAeq	117.7 dB
Wilson:	48.6 LAeq	109.3 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.8	9.8	4.3	5.6
Edwards:	2.8	4.5	6.2	9.7
Hollinger Office:	5.7	14.8	5.5	12.5
Sandy:	36.8	79.9	5.9	16.2

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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:	0.4	0.5
Edwards:	0.2	0.6
Hollinger Office:	1.0	1.2
Sandy:	1.3	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.3
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.8	0.4	0.5
Hollinger West:	3.2	1.9	3.7
Imerys:	2.3	2.3	2.7
Noah:	3.3	2.2	3.0
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	1.1	0.3	0.8
Water Tower:	4.6	4.0	5.2
Wilson:	2.2	1.4	2.5