



SURFACE IMPACT TEST RESULTS

Hutcheson Sand & Gravel
Legresley Park, Newmarket, ON

To evaluate impact attenuation, testing was performed using the Triax 2000 SIT.

Please find below the results:

#1 Location:	pivot point of tot swing				
Drop Height:	260cm				
Fall Height:	260cm				
Depth:	30cm				
		GMAX	HIC	Time	Velocity
	1	98	291	16:16	704
	2	105	363	16:16	707
	3	168	755	16:18	709
Average last 2 of 3		137	559		

#2 Location:	top of protective barrier at pommel climber				
Drop Height:	260cm				
Fall Height:	165cm				
Depth:	28cm				
		GMAX	HIC	Time	Velocity
	1	107	332	16:24	704
	2	119	410	16:24	704
	3	91	302	16:26	704
Average last 2 of 3		105	356		

#3 Location:	top of barrier at "O" climber				
Drop Height:	260cm				
Fall Height:	100cm				
Depth:	30cm				
		GMAX	HIC	Time	Velocity
	1	82	202	16:30	702
	2	120	442	16:31	707
	3	67	185	16:32	702
Average last 2 of 3		94	314		

Overall Results: Compliant CAN/CSA Z614-2007