



SURFACE IMPACT TEST RESULTS
Hutcheson Sand & Gravel Proctor 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 belt swings					
Drop Height: 260cm					
Fall Height: 221cm					
Depth: 30cm					
		GMAX	HIC	Time	Velocity
	1	115	349	17:08	702
	2	82	242	17:09	702
	3	77	248	17:10	699
Average last 2 of 3		80	245		

#2 Location: pivot point of tot swings					
Drop Height: 260cm					
Fall Height: 215cm					
Depth: 28cm					
		GMAX	HIC	Time	Velocity
	1	132	439	17:16	704
	2	103	316	17:19	697
	3	91	334	17:19	699
Average last 2 of 3		97	325		

#3 Location: top of barrier at rock wall climber					
Drop Height: 275cm					
Fall Height: 173cm					
Depth: 30cm					
		GMAX	HIC	Time	Velocity
	1	115	307	17:25	720
	2	155	688	17:26	725
	3	133	598	17:27	725
Average last 2 of 3		144	643		

Overall Results: Compliant CAN/CSA Z614-2007