

Compaction Study
Direct Pressure (20N) vs. Tapped 300X on Quantachrome Dual Autotap

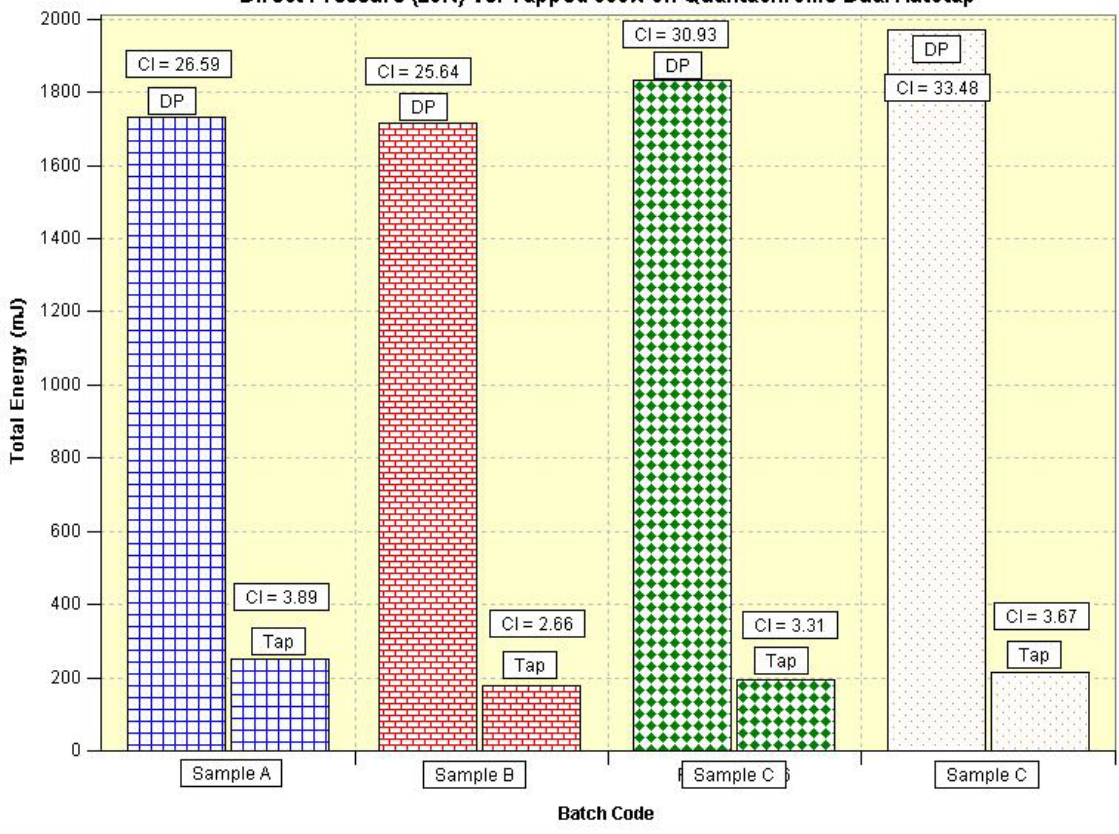


TABLE 2

FT4 POWDER FLOWABILITY DATA SUMMARY

Sample ID	Conditioned Bulk Density (cc/gm)	Basic Flow Energy (BFE) in mJ	Direct Pressure Flow Energy in mJ	Tapped Flow Energy in mJ	Stability Index (SI)	Flow Rate Index (FRI)	Direct Pressure Compaction Index (CI _{directpressure})	Tapped Compaction Index (CI _{tapped})	Aeration Index
Sample A									
Aliquot 1	0.96	826	2704	3975	1.02	1.21	3.27	4.81	5.39
Aliquot 2	0.96	802			0.97	1.20			
Aliquot 3	0.95	849			0.97	1.18			
Average	0.96	826			0.99	1.20			
Sample B									
Aliquot 1	0.97	801	2448	3587	1.01	1.23	2.98	4.37	5.39
Aliquot 2	0.95	819			0.95	1.21			
Aliquot 3	0.95	844			0.95	1.20			
Average	0.95	821			0.97	1.21			
Sample C									
Aliquot 1	0.96	810	2562	3787	1.07	1.29	3.19	4.72	10.50
Aliquot 2	0.95	819			1.01	1.29			
Aliquot 3	0.95	779			1.00	1.29			
Average	0.95	803			1.03	1.29			
Sample D									
Aliquot 1	0.95	860	2488	3724	1.07	1.22	3.02	4.52	11.90
Aliquot 2	0.96	790			1.01	1.22			
Aliquot 3	0.96	823			1.03	1.19			
Average	0.96	824			1.04	1.21			
Sample E									
Aliquot 1	0.96	804	2466	3931	0.96	1.24	3.03	4.82	9.77
Aliquot 2	0.97	822			0.98	1.22			
Aliquot 3	0.97	819			1.00	1.23			
Average	0.97	815			0.98	1.23			
Sample F									
Aliquot 1	0.97	834	2645	3891	1.01	1.30	3.13	4.61	3.11
Aliquot 2	0.96	859			1.03	1.29			
Aliquot 3	0.97	841			0.98	1.26			
Average	0.96	845			1.01	1.28			