TABLE 1.COMPLETE STRAIN DATA FOR DALTON FORMATION CONGLOMERATE FROM THE DAY MOUNTAIN THRUST SHEET

		Normalized Axial Ratios													Long Axis		Intermediate Axis		Short Axis		Plane Section #1				
Location	Comments	Long = X	Intermediate = Y	Short = Z	ln(X/Y)	ln(Y/Z)	ln(Z/X)	K	n	g_{oct}	e_s	Sample No.	Latitude	Longitude	Trend	Plunge	Trend	Plunge	Trend	Plunge	Dip	Dip Direction	Rs	Phi	N pebbles
1	oriented sample	1.38	1.00	0.36	0.32	1.02	-1.35	0.32	0.52	1.15	0.99	3089Hand	42.46726N	073.17079W	39.44	16.56	129.56	0.41	220.95	73.43	60	140	3.35	-17.64	30
2a	3 planes	2.54	1.00	0.72	0.93	0.33	-1.26	2.84	-0.48	1.07	0.93	3090	42.46410N	073.16278W	106.96	7.56	197.44	3.57	312.50	81.63	78	176	2.74	-9.03	30
2b	oriented sample	2.35	1.00	0.82	0.85	0.20	-1.05	4.26	-0.62	0.91	0.79	3090Hand	42.46353N	073.16062W	111.33	30.90	214.25	20.49	332.35	51.58	40	195	1.82	-29.14	30
3a	3 planes	5.45	1.00	0.70	1.70	0.36	-2.06	4.66	-0.65	1.79	1.55	3087	42.46147N	073.16141W	280.48	1.79	190.25	7.27	24.26	82.51	75	180	5.28	1.15	50
3b	oriented sample	3.00	1.00	0.52	1.10	0.65	-1.75	1.68	-0.26	1.45	1.25	3087Hand	42.46147N	073.16141W	103.17	12.88	197.02	16.35	336.70	68.95	90	253	5.5	13.7	30
4a	3 planes	3.91	1.00	0.81	1.36	0.22	-1.58	6.31	-0.73	1.40	1.21	3086A	42.46051N	073.16440W	96.31	0.97	186.40	5.73	356.69	84.18	84	17	3.99	2.08	50
4b	oriented sample	2.29	1.00	0.49	0.83	0.71	-1.54	1.17	-0.08	1.26	1.09	3086AHand	42.46051N	073.16440W	271.17	12.33	3.02	8.41	126.49	75.00	66	166	3.79	8.88	30
4c	3 planes	3.00	1.00	0.52	1.10	0.66	-1.76	1.66	-0.25	1.45	1.26	3086B	42.46051N	073.16424W	93.53	15.23	352.71	34.59	203.38	51.28	90	191	4.58	11.63	50
4d	oriented sample	2.76	1.00	0.59	1.01	0.53	-1.55	1.91	-0.31	1.28	1.11	3086BHand	42.46051N	073.16424W	290.82	17.38	21.42	1.90	117.47	72.51	70	199	4.33	17.33	30
4e	3 planes	2.54	1.00	0.60	0.93	0.51	-1.44	1.84	-0.30	1.19	1.03	3086C	42.46060N	073.16341W	278.19	0.20	188.15	10.46	9.28	79.54	90	166	3.12	2.99	49
4f	oriented sample	1.55	1.00	0.56	0.44	0.58	-1.02	0.76	0.14	0.83	0.72	3086CHand	42.46060N	073.16341W	74	2	165	29	340	61	75	25	2.2	19.31	30
5	oriented sample	1.92	1.00	0.65	0.65	0.44	-1.09	1.49	-0.20	0.90	0.78	3088Hand	42.45983N	073.16626W	70.65	6.75	161.30	5.53	290.34	81.26	70	20	2.08	13.22	30
6	visual estimate	1.33	1.00	0.33	0.29	1.11	-1.39	0.26	0.59	1.20	1.04	3096	42.45615N	073.16343W	115	0	25	90	205	0					
7	2 planes +foliation	2.51	1.00	0.53	0.92	0.63	-1.56	1.45	-0.18	1.28	1.11	3097	42.45486N	073.16167W	115	17	275	72	24	5	90	280	1.89	-85.55	50
8	2 planes +foliation	2.20	1.00	0.33	0.79	1.11	-1.90	0.71	0.17	1.56	1.35	3099	42.45371N	073.16078W	140	48	355	41	248	18	0	0	4.06	-36.39	40
9	visual estimate	2.00	1.00	0.50	0.69	0.69	-1.39	1.00	0.00	1.13	0.98	3100	42.45075N	073.17050W	95	15	275	75	5	0					
10	visual estimate	2.67	1.00	0.67	0.98	0.40	-1.38	2.45	-0.42	1.16	1.01	3105	42.43835N	073.17535W	275	0	185	0	90	90					
11	2 planes +foliation	1.55	1.00	0.26	0.44	1.35	-1.79	0.33	0.51	1.52	1.32	3104	42.43741N	073.17643W	275	2	185	0	275	88	90	220	4.03	-2.66	30
12	visual estimate	1.33	1.00	0.33	0.29	1.11	-1.39	0.26	0.59	1.20	1.04	3112	42.42710N	073.15367W	120	40	210	0	300	50					
13a	2 planes +foliation	1.62	1.00	0.28	0.48	1.27	-1.76	0.38	0.45	1.48	1.28	3095	42.45401N	073.15138W	345	0	75	15	255	75	90	345	3.08	14.25	50
13b	oriented sample	1.47	1.00	0.21	0.38	1.54	-1.92	0.25	0.60	1.66	1.44	3095Hand	42.45376N	073.15118W	30.74	10.77	121.06	1.65	219.68	79.10	72	176	5.01	-7.5	50
14a	visual estimate	2.00	1.00	0.50	0.69	0.69	-1.39	1.00	0.00	1.13	0.98	3091	42.45790N	073.15520W	100	10	190	0	280	80					
14b	visual estimate	2.00	1.00	0.50	0.69	0.69	-1.39	1.00	0.00	1.13	0.98	3092	42.45931N	073.15552W	100	10	190	0	280	80					
15	3 planes	3.82	1.00	0.89	1.34	0.12	-1.46	11.43	-0.84	1.32	1.15	3093B	42.45938N	073.15303W	97.24	7.79	356.14	54.60	192.58	34.28	90	205	2.52	5.89	39
16	oriented sample	3.70	1.00	0.81	1.31	0.22	-1.52	6.06	-0.72	1.35	1.17	3117Hand	42.45336N	073.14084W	65.02	10.72	160.92	28.49	316.50	59.20	60	20	2.17	32.74	30
17	visual estimate	2.50	1.00	0.50	0.92	0.69	-1.61	1.32	-0.14	1.32	1.14	3124	42.42788N	073.14538W	110	10	200	0	290	80					
18	oriented sample	3.25	1.00	0.40	1.18	0.91	-2.09	1.30	-0.13	1.71	1.48	3113Hand	42.44693N	073.16560W	74.53	3.75	343.02	21.93	173.74	67.72	65	35	2.18	-14.37	30

$K = \ln(X/Y)/\ln(Y/Z)$

$\nu = (1 - K)/(1 + K)$

$\gamma_{oct} = \frac{2}{3}\sqrt{[\ln(X/Y)^2 + \ln(Y/Z)^2 + \ln(Z/X)^2]}$

$\varepsilon_s = \gamma_{oct}\sqrt{3}/2$

(*continued*)

TABLE 1.COMPLETE STRAIN DATA FOR DALTON FORMATION CONGLOMERATE FROM THE DAY MOUNTAIN THRUST SHEET (*continued*)

		Normalized Axial Ratios													Plane Section #2					Plane Section #3				
Location	Comments	Long = X	Intermediate = Y	Short = Z	ln(X/Y)	ln(Y/Z)	ln(Z/X)	K	n	g_{oct}	e_s	Sample No.	Latitude	Longitude	Dip	Dip Direction	Rs	Phi	N pebbles	Dip	Dip Direction	Rs	Phi	N pebbles
1	oriented sample	1.38	1.00	0.36	0.32	1.02	-1.35	0.32	0.52	1.15	0.99	3089Hand	42.46726N	073.17079W	90	249	2.88	-8.43	30	30	320	2.24	29.6	30
2a	3 planes	2.54	1.00	0.72	0.93	0.33	-1.26	2.84	-0.48	1.07	0.93	3090	42.46410N	073.16278W	70	105	1.25	7.06	48	50	11	2.98	4.91	30
2b	oriented sample	2.35	1.00	0.82	0.85	0.20	-1.05	4.26	-0.62	0.91	0.79	3090Hand	42.46353N	073.16062W	90	285	1.22	45.58	30	50	15	2.17	22.92	30
3a	3 planes	5.45	1.00	0.70	1.70	0.36	-2.06	4.66	-0.65	1.79	1.55	3087	42.46147N	073.16141W	88	85	1.49	6.17	48	15	274	2.71	84.88	50
3b	oriented sample	3.00	1.00	0.52	1.10	0.65	-1.75	1.68	-0.26	1.45	1.25	3087Hand	42.46147N	073.16141W	90	107	1.87	16.36	30	0	90	2.24	-3.53	30
4a	3 planes	3.91	1.00	0.81	1.36	0.22	-1.58	6.31	-0.73	1.40	1.21	3086A	42.46051N	073.16440W	84	100	1.23	5.02	50	5	270	3.52	83.97	35
4b	oriented sample	2.29	1.00	0.49	0.83	0.71	-1.54	1.17	-0.08	1.26	1.09	3086AHand	42.46051N	073.16440W	90	256	2.08	-12.38	30	24	346	2.36	-22.81	30
4c	3 planes	3.00	1.00	0.52	1.10	0.66	-1.76	1.66	-0.25	1.45	1.26	3086B	42.46051N	073.16424W	84	85	1.81	-37.3	43	12	180	3.71	-14.79	50
4d	oriented sample	2.76	1.00	0.59	1.01	0.53	-1.55	1.91	-0.31	1.28	1.11	3086BHand	42.46051N	073.16424W	90	289	1.63	-3.05	30	21	19	2.09	-17.96	30
4e	3 planes	2.54	1.00	0.60	0.93	0.51	-1.44	1.84	-0.30	1.19	1.03	3086C	42.46060N	073.16341W	70	80	1.7	13.03	48	10	182	2.53	-6.09	50
4f	oriented sample	1.55	1.00	0.56	0.44	0.58	-1.02	0.76	0.14	0.83	0.72	3086CHand	42.46060N	073.16341W	90	123	1.99	15.57	30	15	210	1.56	55.76	30
5	oriented sample	1.92	1.00	0.65	0.65	0.44	-1.09	1.49	-0.20	0.90	0.78	3088Hand	42.45983N	073.16626W	75	110	1.74	-5.77	33	24	236	1.12	68.9	30
6	visual estimate	1.33	1.00	0.33	0.29	1.11	-1.39	0.26	0.59	1.20	1.04	3096	42.45615N	073.16343W										
7	2 planes +foliation	2.51	1.00	0.53	0.92	0.63	-1.56	1.45	-0.18	1.28	1.11	3097	42.45486N	073.16167W	80	25	2.51	17.72	49					
8	2 planes +foliation	2.20	1.00	0.33	0.79	1.11	-1.90	0.71	0.17	1.56	1.35	3099	42.45371N	073.16078W	48	175	6.74	70	40					
9	visual estimate	2.00	1.00	0.50	0.69	0.69	-1.39	1.00	0.00	1.13	0.98	3100	42.45075N	073.17050W										
10	visual estimate	2.67	1.00	0.67	0.98	0.40	-1.38	2.45	-0.42	1.16	1.01	3105	42.43835N	073.17535W										
11	2 planes +foliation	1.55	1.00	0.26	0.44	1.35	-1.79	0.33	0.51	1.52	1.32	3104	42.43741N	073.17643W	90	315	4.6	5.75	30					
12	visual estimate	1.33	1.00	0.33	0.29	1.11	-1.39	0.26	0.59	1.20	1.04	3112	42.42710N	073.15367W										
13a	2 planes +foliation	1.62	1.00	0.28	0.48	1.27	-1.76	0.38	0.45	1.48	1.28	3095	42.45401N	073.15138W	5	75	5.26	3.26	40					
13b	oriented sample	1.47	1.00	0.21	0.38	1.54	-1.92	0.25	0.60	1.66	1.44	3095Hand	42.45376N	073.15118W	72	270	5.8	8.4	50	20	85	2.22	-33.87	30
14a	visual estimate	2.00	1.00	0.50	0.69	0.69	-1.39	1.00	0.00	1.13	0.98	3091	42.45790N	073.15520W										
14b	visual estimate	2.00	1.00	0.50	0.69	0.69	-1.39	1.00	0.00	1.13	0.98	3092	42.45931N	073.15552W										
15	3 planes	3.82	1.00	0.89	1.34	0.12	-1.46	11.43	-0.84	1.32	1.15	3093B	42.45938N	073.15303W	90	285	1.14	-54.54	30	25	15	3.82	9.87	42
16	oriented sample	3.70	1.00	0.81	1.31	0.22	-1.52	6.06	-0.72	1.35	1.17	3117Hand	42.45336N	073.14084W	90	290	1.53	-1.02	30	30	200	1.49	38.55	30
17	visual estimate	2.50	1.00	0.50	0.92	0.69	-1.61	1.32	-0.14	1.32	1.14	3124	42.42788N	073.14538W										
18	oriented sample	3.25	1.00	0.40	1.18	0.91	-2.09	1.30	-0.13	1.71	1.48	3113Hand	42.44693N	073.16560W	90	305	3.46	-15.91	30	25	215	3.14	26.75	30

$K = \ln(X/Y)/\ln(Y/Z)$

$\nu = (1 - K)/(1 + K)$

$\gamma_{oct} = \frac{2}{3}\sqrt{[\ln(X/Y)^2 + \ln(Y/Z)^2 + \ln(Z/X)^2]}$

$\varepsilon_s = \gamma_{oct}\sqrt{3/2}$