

Deformation Band Topology data.

Station	Scan Size				Nodes				Percentage of Nodes			Line /Branch Topology											
	diameter	Area	SL	P21	I	Y	X	N	P(I)	P(Y)	P(X)	B	L	P(x+y)	P20	B20	<L>		CI	Cb	P22	B22	<D>
	m	m2	m	m-1					%	%	%												
TMFS_1	1.0	0.79	5.85	7.45	11	9	4	24	0.46	0.38	0.17	27	10	0.54	12.73	34.38	0.59	0.22	2.60	1.59	4.36	1.61	2.25
TMFS_1	0.5	0.20	1.91	9.73	3	1	3	7	0.43	0.14	0.43	9	2	0.57	10.19	45.84	0.96	0.21	4.00	1.67	9.29	2.06	2.57
TMFS_1	0.2	0.03	0.49	15.60	0	0	1	1	0.00	0.00	1.00	2	0	1.00	0.00	63.66		0.25		2.00		3.82	4.00
TMFS_1	0.2	0.03	0.74	23.55	4	5	1	10	0.40	0.50	0.10	11.5	4.5	0.60	143.24	366.06	0.16	0.06	2.67	1.65	3.87	1.52	2.30
TMFS_1	0.2	0.03	0.00	0.00	0	0	0	0				0	0		0.00	0.00							
TMFS_1	0.3	0.07	2.24	31.69	3	18	8	29	0.10	0.62	0.28	44.5	10.5	0.90	148.54	629.55	0.21	0.05	4.95	1.93	6.76	1.60	3.07
TMFS_2	1.0	0.79	1.96	2.50	2	1	0	3	0.67	0.33	0.00	2.5	1.5	0.33	1.91	3.18	1.31	0.78	1.33	1.20	3.26	1.96	1.67
TMFS_2	0.2	0.03	0.59	18.78	0	1	0	1	0.00	1.00	0.00	1.5	0.5	1.00	15.92	47.75	1.17	0.39	4.00	2.00	21.86	7.29	3.00
TMFS_2	0.2	0.03	0.20	6.37	0	0	0	0				0	0		0.00	0.00							
TMFS_2	0.2	0.03	0.20	6.37	0	0	0	0				0	0		0.00	0.00							
TMFS_2	0.2	0.03	0.00	0.00	0	0	0	0				0	0		0.00	0.00							
TMFS_2	0.2	0.03	0.34	10.82	2	0	0	2	1.00	0.00	0.00	1	1	0.00	31.83	31.83	0.34	0.34	0.00	0.00	3.62	3.62	1.00
TMFS_2	0.2	0.03	0.39	12.41	0	1	0	1	0.00	1.00	0.00	1.5	0.5	1.00	15.92	47.75	0.78	0.26	4.00	2.00	9.63	3.21	3.00
TMFS_3	0.5	0.20	3.46	17.62	5	32	19	56	0.09	0.57	0.34	88.5	18.5	0.91	94.22	450.73	0.19	0.04	5.51	1.94	3.30	0.69	3.16
TMFS_3	0.5	0.20	2.47	12.58	8	7	0	15	0.53	0.47	0.00	14.5	7.5	0.47	38.20	73.85	0.33	0.17	1.87	1.45	4.13	2.13	1.93
TMFS_3	0.5	0.20	2.94	14.97	9	20	4	33	0.27	0.61	0.12	42.5	14.5	0.73	73.85	216.45	0.20	0.07	3.31	1.79	3.04	1.04	2.58
TMFS_3	0.2	0.03	1.38	43.93	3	21	17	41	0.07	0.51	0.41	67	12	0.93	381.97	2132.68	0.11	0.02	6.33	1.96	5.03	0.90	3.27
TMFS_3	0.2	0.03	0.64	20.37	2	1	0	3	0.67	0.33	0.00	2.5	1.5	0.33	47.75	79.58	0.43	0.26	1.33	1.20	8.66	5.20	1.67
TMFS_3	0.2	0.03	0.55	17.51	1	3	0	4	0.25	0.75	0.00	5	2	0.75	63.66	159.15	0.28	0.11	3.00	1.80	4.85	1.94	2.50
TMFS_3	0.2	0.03	0.00	0.00	0	0	0	0				0	0		0.00	0.00							
TMFS_3	1.0	0.79	8.67	11.04	15	44	22	81	0.19	0.54	0.27	117.5	29.5	0.81	37.56	149.61	0.29	0.07	4.47	1.87	3.24	0.81	2.90
TMFS_4	0.5	0.20	5.79	29.49	15	56	13	84	0.18	0.67	0.15	117.5	35.5	0.82	180.80	598.42	0.16	0.05	3.89	1.87	4.74	1.43	2.80
TMFS_4	0.5	0.20	4.19	21.34	22	25	6	53	0.42	0.47	0.11	60.5	23.5	0.58	119.68	308.12	0.18	0.07	2.64	1.64	3.80	1.48	2.28
TMFS_4	0.2	0.03	0.90	28.65	2	10	2	14	0.14	0.71	0.14	20	6	0.86	190.99	636.62	0.15	0.05	4.00	1.90	4.30	1.29	2.86
TMFS_4	0.2	0.03	1.33	42.34	11	2	0	13	0.85	0.15	0.00	8.5	6.5	0.15	206.90	270.56	0.20	0.16	0.62	0.71	8.66	6.62	1.31
TMFS_5	1.0	0.79	32.60	41.51	97	372	177	646	0.15	0.58	0.27	960.5	234.5	0.85	298.57	1222.95	0.14	0.03	4.67	1.90	5.77	1.41	2.97
TMFS_5	0.2	0.03	4.10	130.51	0	143	39	182	0.00	0.79	0.21	292.5	71.5	1.00	2275.92	9310.56	0.06	0.01	5.09	2.00	7.48	1.83	3.21
TMFS_5	0.2	0.03	1.15	36.61	5	13	1	19	0.26	0.68	0.05	24	9	0.74	286.48	763.94	0.00	0.00					2.53
TMFS_5	0.2	0.03	4.92	156.61	2	169	67	238	0.01	0.71	0.28	388.5	85.5	0.99	2721.55	12366.34	0.06	0.01	5.52	1.99	9.01	1.98	3.26
TMFS_6	0.2	0.03	4.42	140.69	1	169	41	211	0.00	0.80	0.19	336	85	1.00	2705.63	10695.21	0.05	0.01	4.94	2.00	7.32	1.85	3.18
TMFS_6	0.2	0.03	3.78	120.32	1	114	37	152	0.01	0.75	0.24	245.5	57.5	0.99	1830.28	7814.51	0.07	0.02	5.25	2.00	7.91	1.85	3.23
TMFS_6	0.5	0.20	12.76	64.99	0	152	36	188	0.00	0.81	0.19	300	76	1.00	387.06	1527.89	0.17	0.04	4.95	2.00	10.91	2.76	3.19

SL - Total Length; P21 - Intensity; [B] - Number of Branches; [L] - Number of Lines; P(x+y) - Proportion X+Y; P20 - Line Frequency; B20 - Branch Frequency; <L> - Characteristic Line Length; Characteristic Branch Length; CI - Connections per Line; Cb - Connections per Branch; P22 - Line Dimensionless Intensity; B22 - Branch Dimensionless Intensity; <d> Average Degree.

Porosity data

Host Rock Porosity

Station	Sample	Scans					Average Host Porosity
		1	2	3	4	5	
1	TMFS_1	9.4	13.8	11.1			11.4
2	TMFS_2	12.0	13.4	2.3	14.2	14.0	11.2
3	TMFS_3	23.4	19.4	13.3			18.7
4	TMFS_4	18.1	12.9	14.9	11.7		14.4
5	TMFS_5	9.1	7.4	4.4			7.0
6	TMFS_6	3.2	4.7	9.2	6.6	6.8	6.1

Deformation Band Porosity

Station	Sample	Scans					Average DB Porosity
		1	2	3	4	5	
1	TMFS_1						
2	TMFS_2						
3	TMFS_3	2.8					2.8
4	TMFS_4	2.1	1.7				1.9
5	TMFS_5	1.1	1.1				1.1
6	TMFS_6	1.7	1.1	1.6	1.4		1.5

All Measurements

Station	Type	Porosity (%)
1	Host	9.4
1	Host	13.8
1	Host	11.1
2	Host	12.0
2	Host	13.4
2	Host	2.3
2	Host	14.2
3	Host	23.4
3	Host	19.4
3	Host	13.3
3	DB	2.8
4	Host	18.1
4	Host	12.9
4	Host	14.9
4	Host	11.7
4	DB	2.1
4	DB	1.7
4	DB	2.0
5	Host	9.1
5	Host	7.4
5	Host	4.4
5	DB	1.1
5	DB	1.1
6	Host	6.8
6	Host	6.6
6	Host	9.2
6	Host	4.7
6	Host	3.2
6	DB	1.4
6	DB	1.7
6	DB	1.1
6	DB	1.6

