

original

Vitrinite reflectance data for the Sohio Alaska Petroleum Company
Long Island No. 1 well

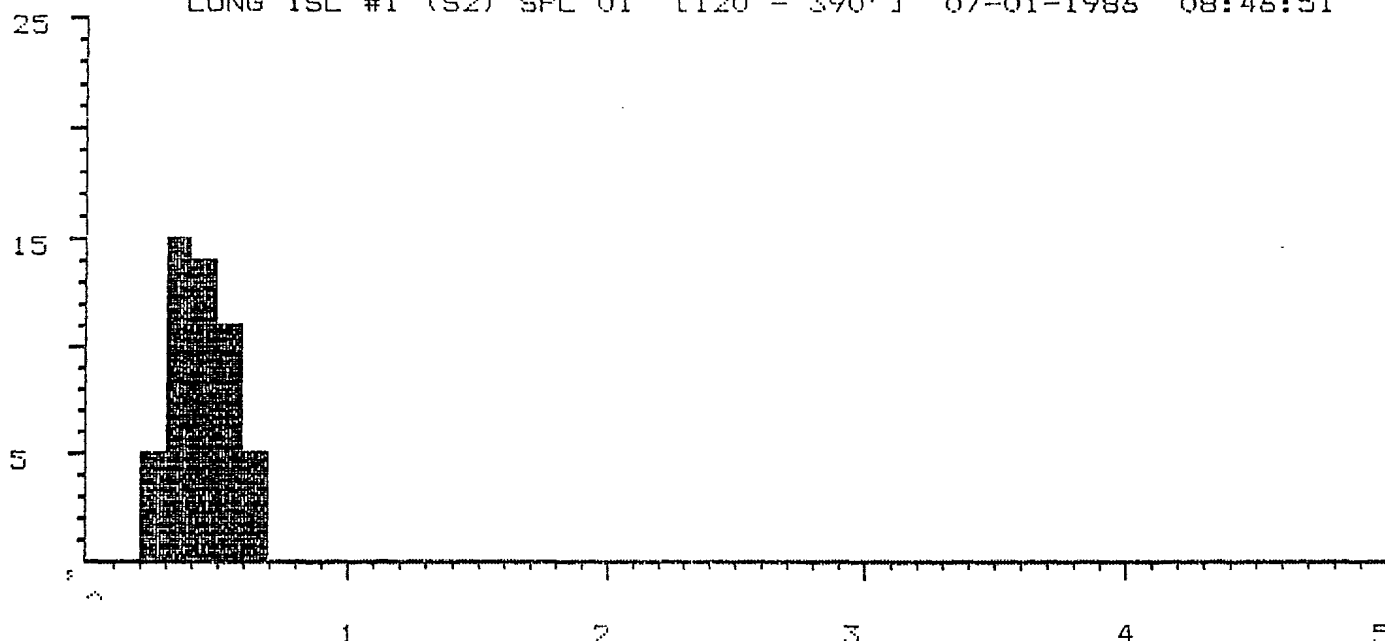
Received 17 February 1988

Total of 24 pages in report

Geologic Materials Center Data Report 81

SOHIO
LONG ISLAND NO. 1

API # 50-029-21043
SEC. 15, T13N/R12E UBM
BEAUFORT SEA, ALASKA



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	50	0.44	0.41	0.11

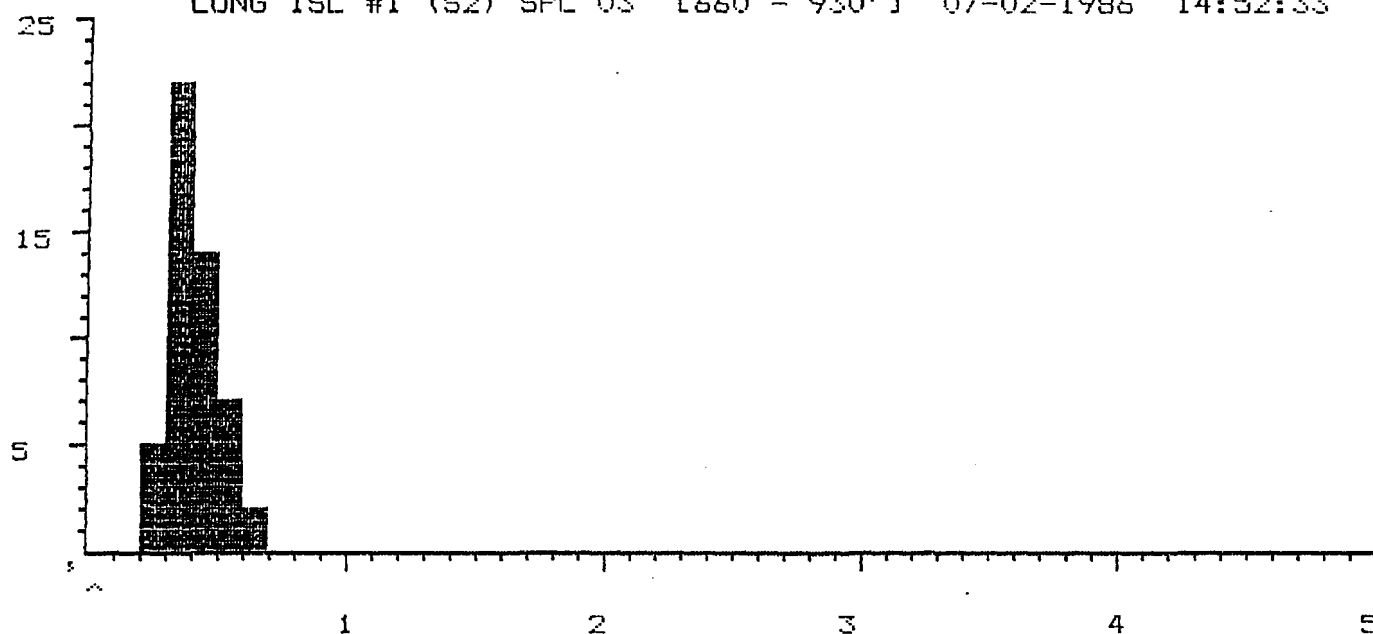
Filename	Title
LNGISL01	LONG ISL #1 (S2) SPL 01 [120 - 390']

Date	Time
07-01-1986	08:46:51

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
1	=	.69	.35	.65	.54	.66
6	=	.34	.53	.38	.48	.45
11	=	.36	.44	.34	.4	.46
16	=	.51	.52	.47	.22	.48
21	=	.62	.52	.54	.38	.43
26	=	.42	.27	.38	.35	.35
31	=	.52	.53	.51	.32	.63
36	=	.38	.58	.38	.25	.38
41	=	.46	.25	.33	.54	.46
46	=	.47	.32	.44	.48	.28

LONG ISL #1 (S2) SPL 03 [660 - 930'] 07-02-1986 14:52:33



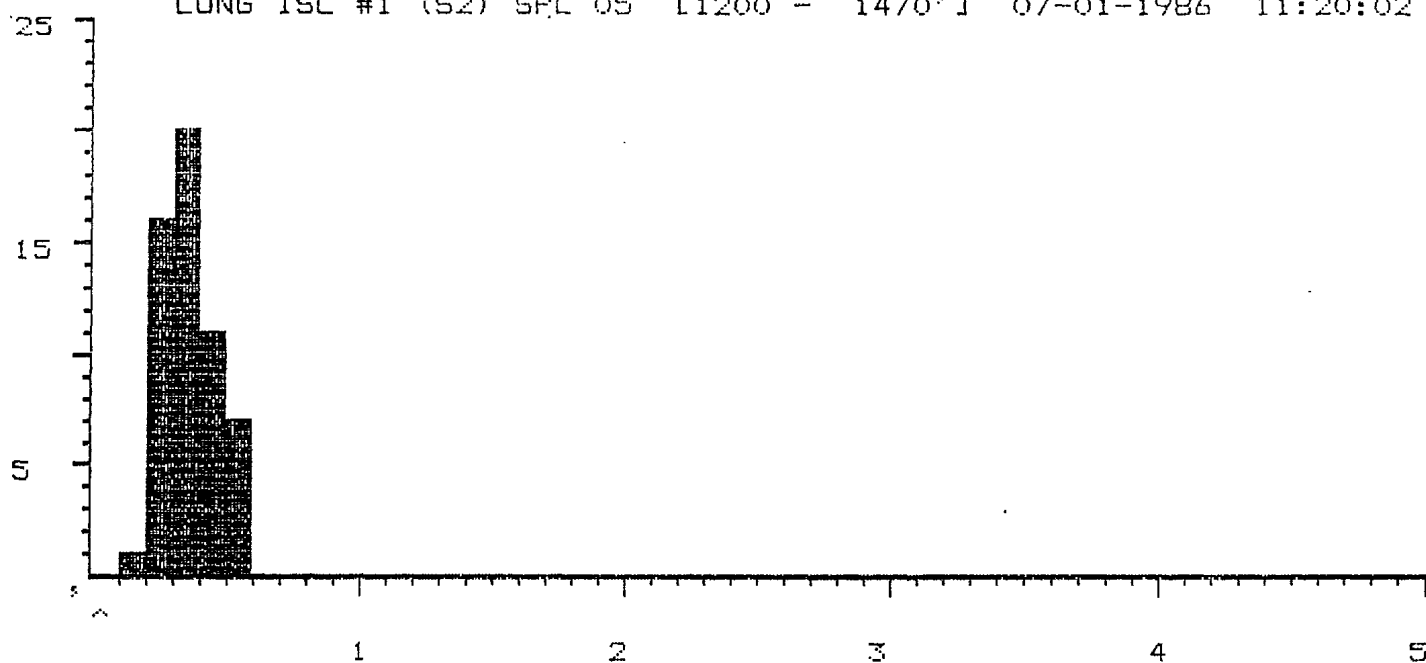
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	50	0.40	0.32	0.10

Filename	Title
LNGISL03	LONG ISL #1 (S2) SPL 03 [660 - 930']

Date	Time
07-02-1986	14:52:33

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
1	=	.51	.38	.52	.39	.54
6	=	.6	.46	.54	.37	.3
11	=	.39	.41	.4	.3	.31
16	=	.37	.42	.52	.33	.47
21	=	.3	.3	.38	.68	.33
26	=	.36	.34	.44	.38	.34
31	=	.24	.32	.5	.34	.23
36	=	.32	.31	.42	.49	.26
41	=	.23	.28	.46	.41	.4
46	=	.56	.44	.48	.34	.43



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	55	0.35	0.31	0.10

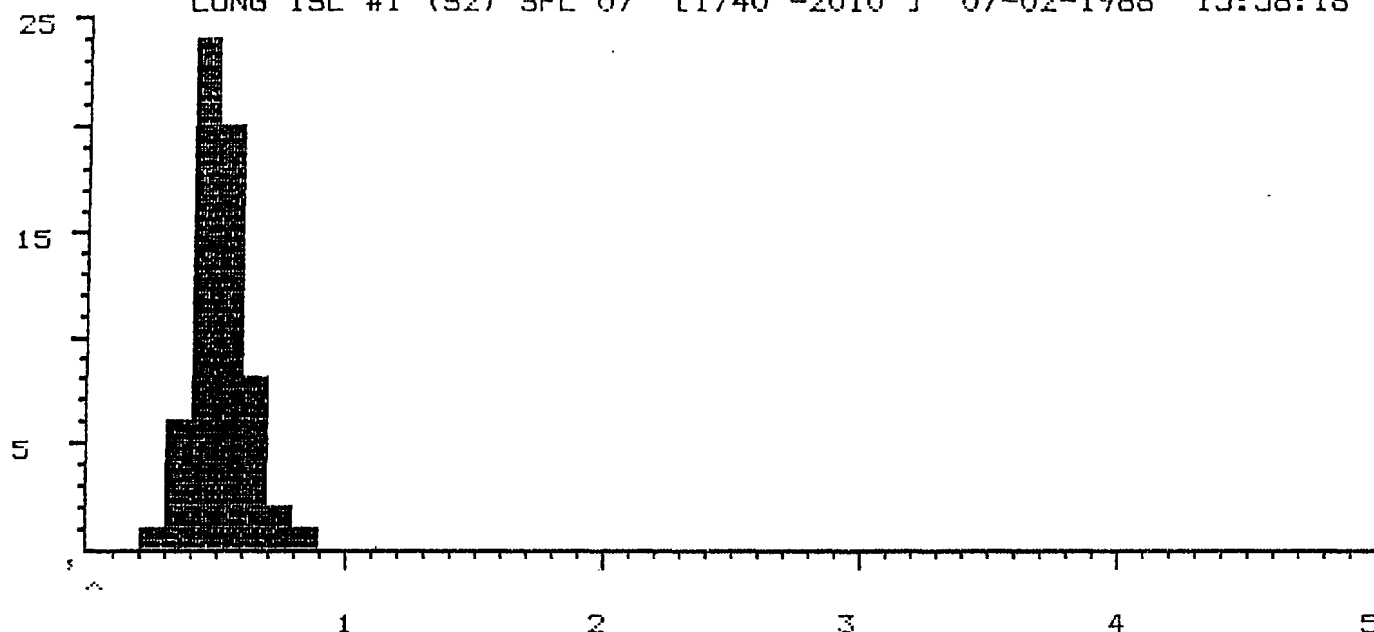
Filename	Title
LNGLSL05	LONG ISL #1 (S2) SPL 05 [1200 - 1470']

Date	Time
07-01-1986	11:20:02

Number of readings: 55

Reading #	+0	+1	+2	+3	+4
1	.55	.29	.25	.35	.15
6	.42	.53	.54	.26	.31
11	.25	.22	.27	.4	.3
16	.32	.2	.48	.56	.45
21	.26	.33	.34	.31	.54
26	.4	.36	.24	.3	.34
31	.49	.34	.32	.27	.42
36	.46	.35	.41	.3	.2
41	.4	.33	.54	.39	.25
46	.29	.55	.36	.25	.25
51	.32	.31	.48	.27	.38

LONG ISL #1 (S2) SPL 07 [1740 -2010'] 07-02-1986 15:56:16



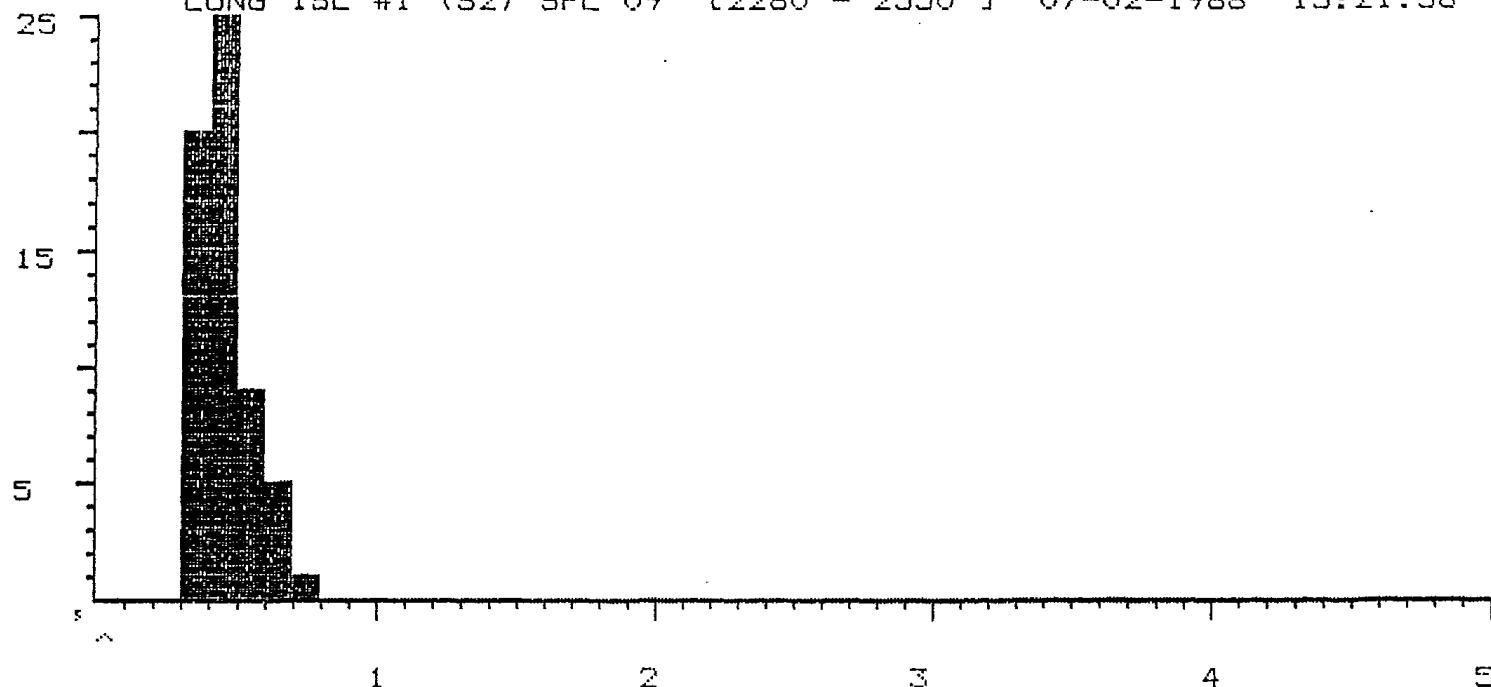
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	62	0.51	0.50	0.10

Filename	Title
LNGISL07	LONG ISL #1 (S2) SPL 07 [1740 -2010']

Date	Time
07-02-1986	15:56:16

Number of readings: 62

Reading #	+0	+1	+2	+3	+4
1	.62	.45	.45	.54	.53
6	.8	.63	.45	.44	.46
11	.57	.71	.56	.44	.49
16	.41	.51	.67	.54	.43
21	.48	.35	.43	.47	.29
26	.55	.45	.31	.41	.34
31	.45	.59	.62	.32	.41
36	.44	.5	.47	.52	.49
41	.5	.48	.72	.41	.49
46	.57	.53	.65	.67	.56
51	.49	.49	.56	.6	.53
56	.58	.38	.57	.35	.51



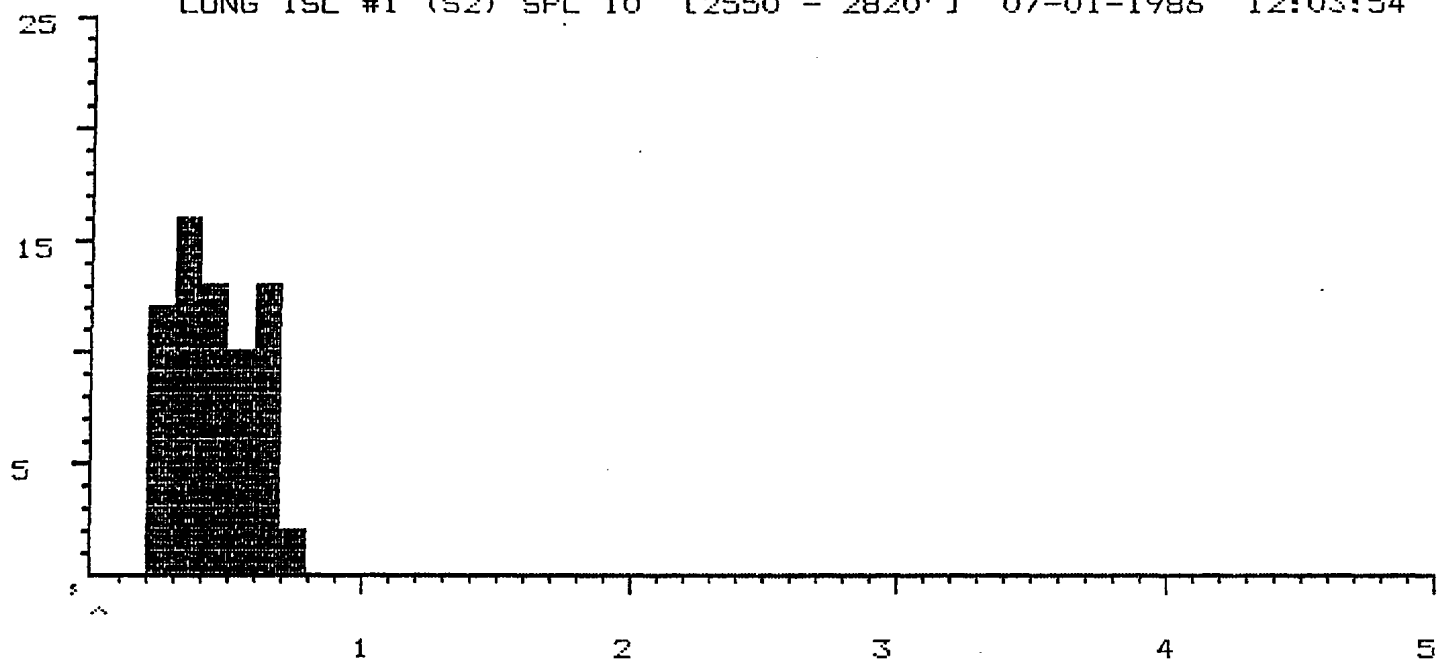
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	60	0.45	0.40	0.10

Filename	Title
LNGLSL09	LONG ISL #1 (S2) SPL 09 [2280 - 2550']

Date	Time
07-02-1986	15:21:58

Number of readings: 60

Reading #		+0	+1	+2	+3	+4
1	=	.4	.52	.67	.42	.37
6	=	.57	.52	.43	.39	.4
11	=	.34	.3	.43	.43	.44
16	=	.37	.43	.42	.3	.5
21	=	.42	.42	.36	.35	.39
26	=	.31	.43	.35	.3	.46
31	=	.44	.49	.35	.42	.39
36	=	.45	.57	.67	.47	.61
41	=	.55	.48	.62	.39	.77
46	=	.66	.52	.56	.39	.55
51	=	.41	.33	.41	.36	.48
56	=	.41	.46	.39	.46	.37



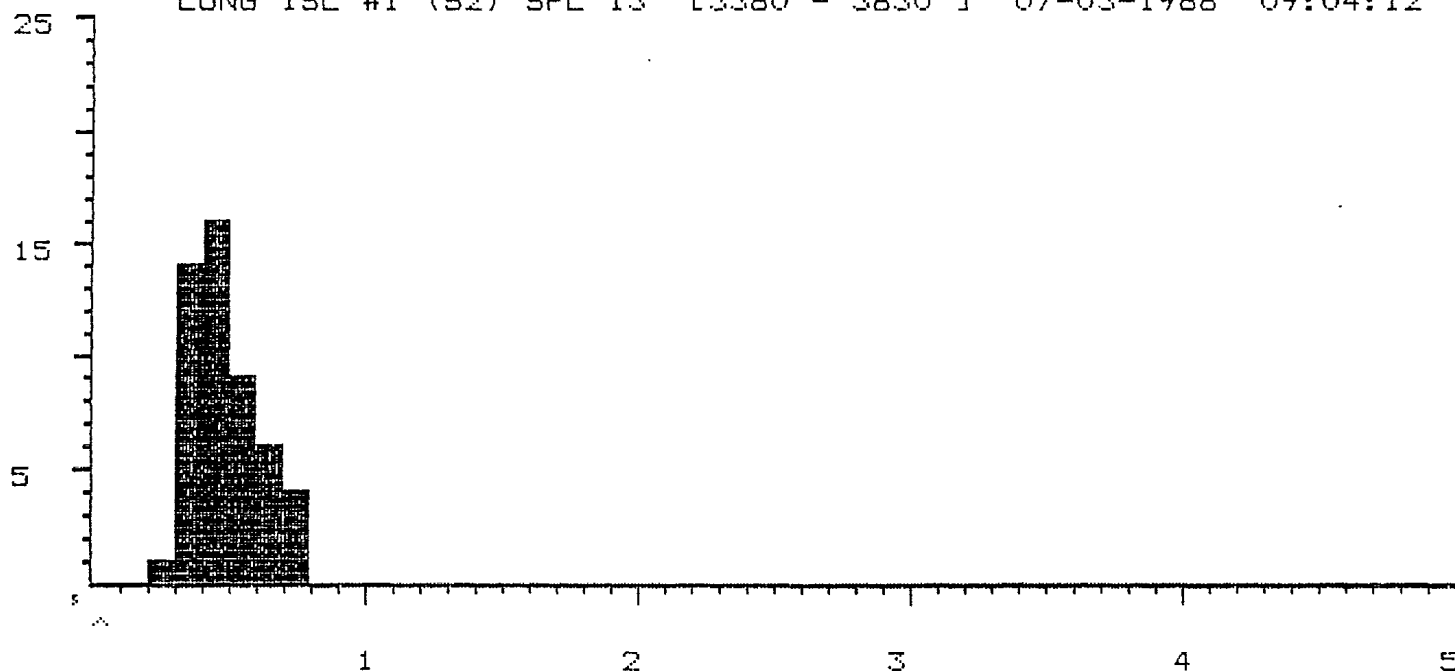
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	66	0.44	0.41	0.14

Filename	Title
LNGISL10	LONG ISL #1 (S2) SPL 10 [2550 - 2820']

Date	Time
07-01-1986	12:03:54

Number of readings: 66

Reading #		+0	+1	+2	+3	+4
1	=	.52	.26	.37	.59	.28
6	=	.31	.45	.32	.26	.54
11	=	.7	.61	.42	.24	.7
16	=	.32	.62	.25	.26	.67
21	=	.36	.51	.27	.37	.48
26	=	.51	.52	.34	.4	.55
31	=	.27	.4	.31	.48	.36
36	=	.46	.44	.31	.46	.62
41	=	.46	.64	.64	.25	.61
46	=	.53	.26	.6	.38	.31
51	=	.34	.58	.65	.66	.32
56	=	.24	.63	.3	.44	.43
61	=	.62	.42	.58	.26	.34



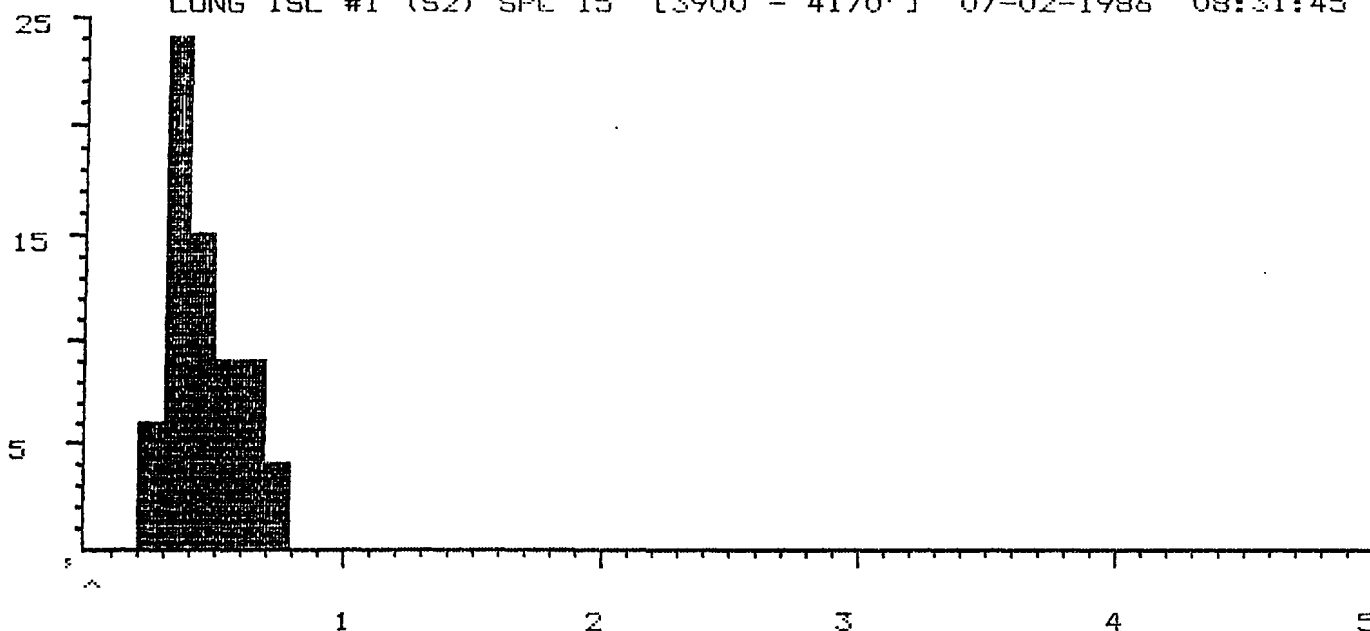
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	50	0.48	0.41	0.12

Filename	Title
LNGISL13	LONG ISL #1 (S2) SPL 13 [3360 - 3630']

Date	Time
07-03-1986	09:04:12

Number of readings: 50

Reading #	+0	+1	+2	+3	+4
1	.31	.37	.63	.44	.38
6	.73	.45	.47	.48	.75
11	.53	.61	.5	.56	.72
16	.37	.65	.5	.58	.36
21	.54	.42	.64	.62	.39
26	.56	.5	.36	.36	.32
31	.43	.47	.45	.41	.32
36	.41	.52	.36	.45	.45
41	.39	.42	.34	.75	.47
46	.43	.63	.29	.35	.45



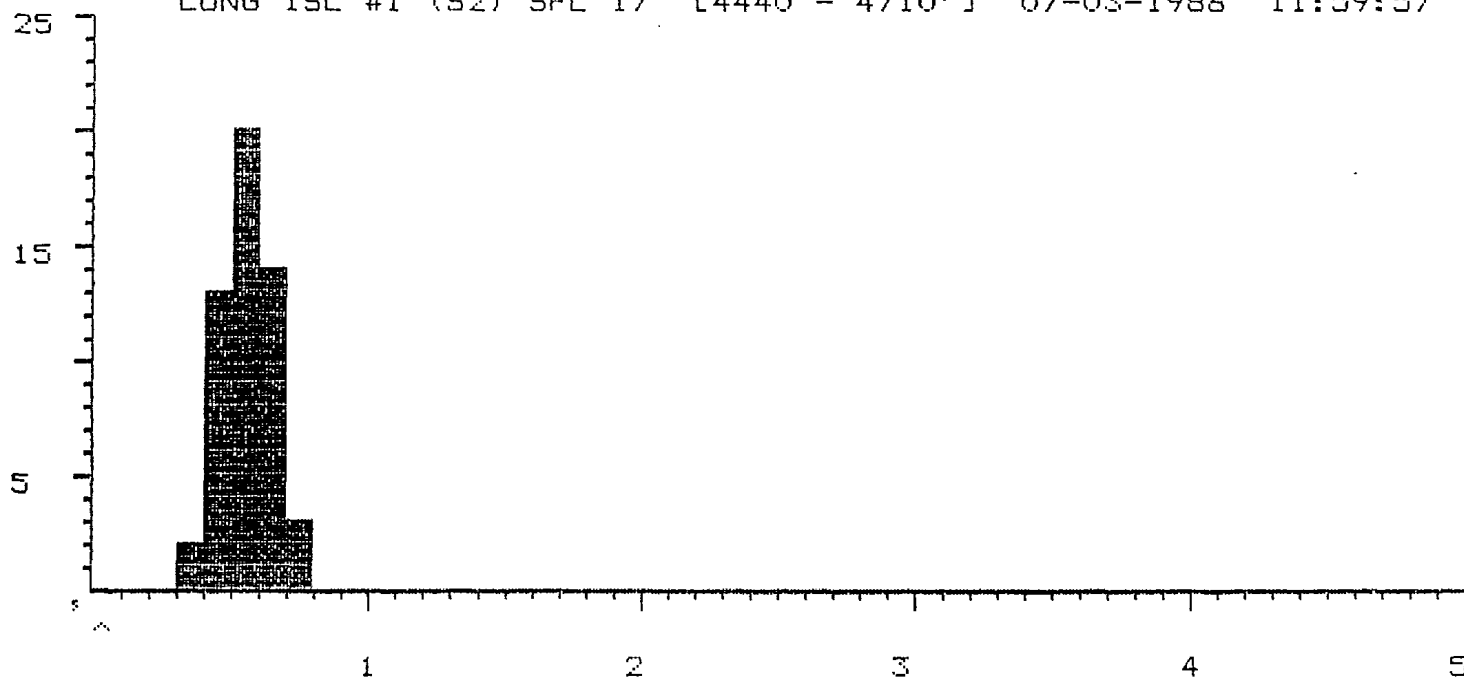
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	67	0.45	0.40	0.14

Filename	Title
LNGISL15	LONG ISL #1 (S2) SPL 15 [3900 - 4170']

Date	Time
07-02-1986	08:31:45

Number of readings: 67

Reading #		+0	+1	+2	+3	+4
1	=	.67	.65	.4	.33	.66
6	=	.32	.65	.28	.32	.34
11	=	.33	.3	.65	.74	.51
16	=	.24	.41	.57	.45	.23
21	=	.53	.35	.77	.39	.45
26	=	.41	.37	.36	.63	.6
31	=	.24	.42	.35	.23	.3
36	=	.48	.5	.64	.38	.46
41	=	.42	.7	.38	.39	.57
46	=	.37	.45	.32	.33	.37
51	=	.48	.52	.24	.41	.36
56	=	.74	.37	.38	.54	.4
61	=	.53	.4	.39	.64	.47



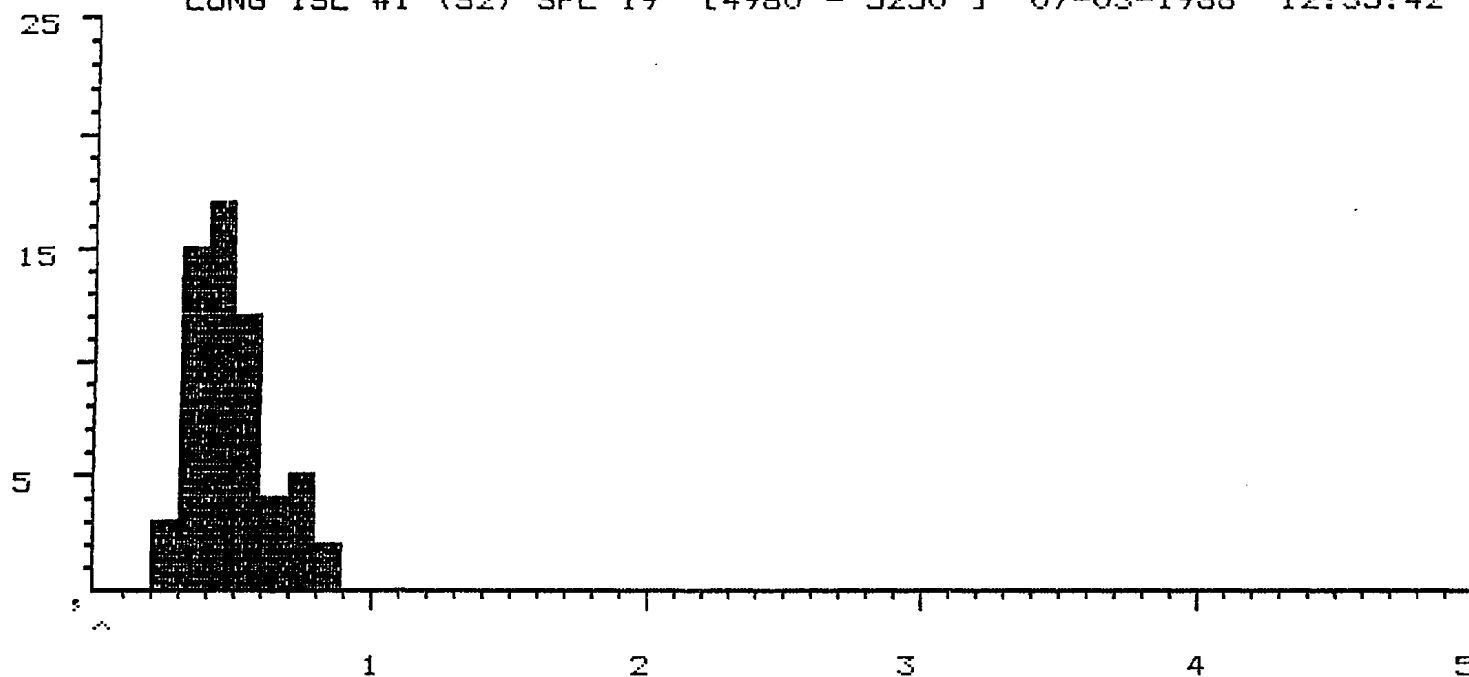
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	52	0.55	0.51	0.09

Filename	Title
LNGISL17	LONG ISL #1 (S2) SPL 17 [4440 - 4710']

Date	Time
07-03-1986	11:59:57

Number of readings: 52

Reading #		+0	+1	+2	+3	+4
1	=	.5	.67	.78	.58	.44
6	=	.44	.53	.53	.56	.61
11	=	.67	.69	.63	.47	.55
16	=	.47	.48	.58	.49	.59
21	=	.65	.55	.6	.33	.64
26	=	.52	.43	.58	.49	.65
31	=	.68	.64	.41	.6	.48
36	=	.52	.6	.64	.55	.33
41	=	.52	.71	.56	.5	.48
46	=	.5	.45	.59	.47	.59



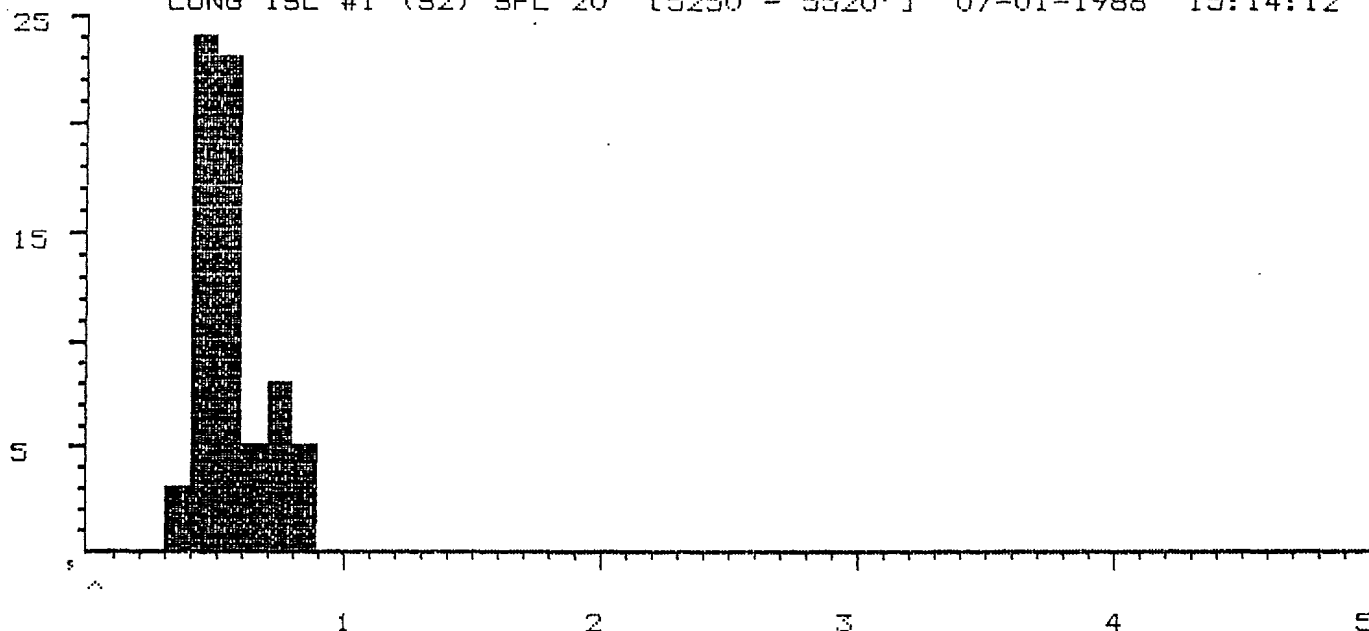
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	58	0.48	0.41	0.14

Filename	Title
LNGISL19	LONG ISL #1 (S2) SPL 19 [4980 - 5250']

Date	Time
07-03-1986	12:35:42

Number of readings: 58

Reading #		+0	+1	+2	+3	+4
1	=	.38	.38	.55	.4	.39
6	=	.41	.41	.37	.46	.44
11	=	.4	.82	.41	.56	.67
16	=	.52	.46	.36	.63	.3
21	=	.55	.83	.55	.72	.52
26	=	.34	.38	.28	.5	.33
31	=	.37	.34	.45	.46	.38
36	=	.59	.63	.32	.4	.33
41	=	.27	.7	.5	.52	.69
46	=	.53	.74	.29	.37	.47
51	=	.46	.47	.78	.75	.41
56	=	.41	.57	.47		



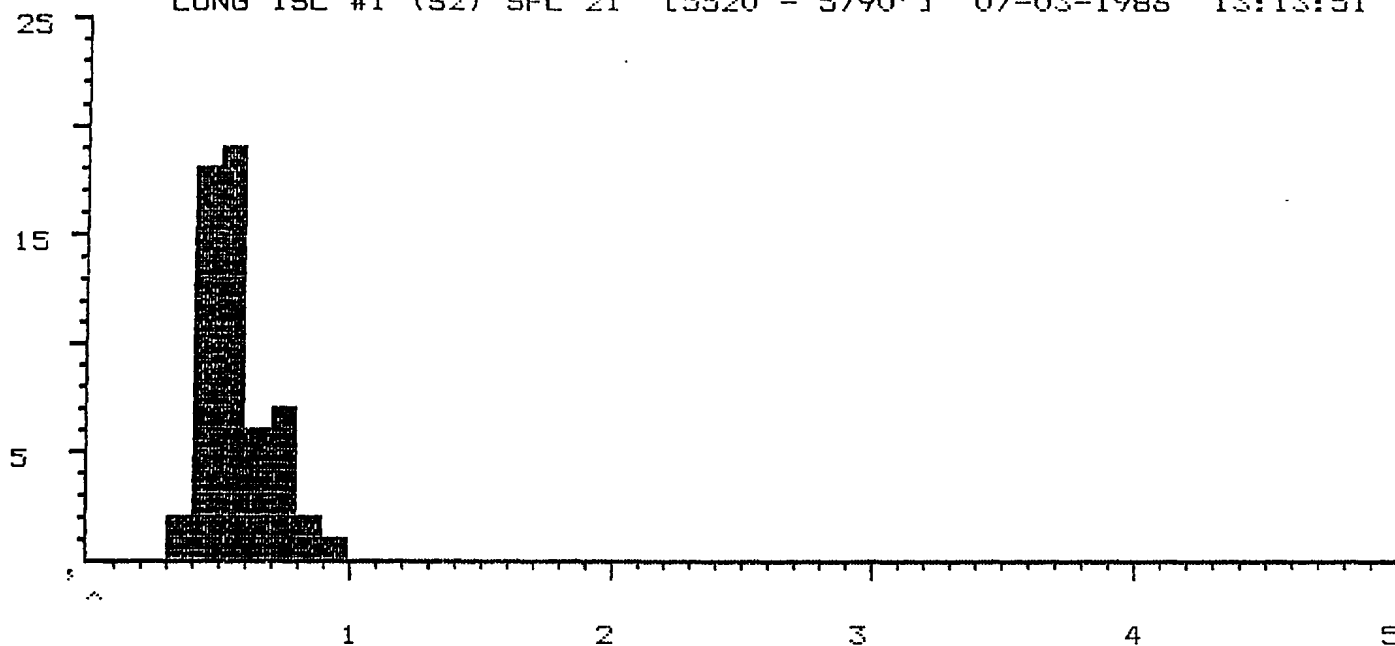
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	68	0.55	0.50	0.14

Filename	Title
LNGISL20	LONG ISL #1 (S2) SPL 20 [5250 - 5520']

Date	Time
07-01-1986	15:14:12

Number of readings: 68

Reading #		+0	+1	+2	+3	+4
1	=	.81	.62	.4	.88	.46
6	=	.51	.58	.4	.44	.53
11	=	.44	.45	.41	.55	.4
16	=	.46	.75	.41	.6	.59
21	=	.43	.4	.52	.45	.49
26	=	.55	.54	.51	.52	.47
31	=	.4	.74	.54	.52	.51
36	=	.67	.74	.51	.46	.54
41	=	.54	.57	.43	.46	.44
46	=	.87	.42	.66	.8	.36
51	=	.73	.5	.48	.52	.74
56	=	.55	.79	.46	.78	.34
61	=	.54	.71	.36	.83	.57
66	=	.49	.65	.54		



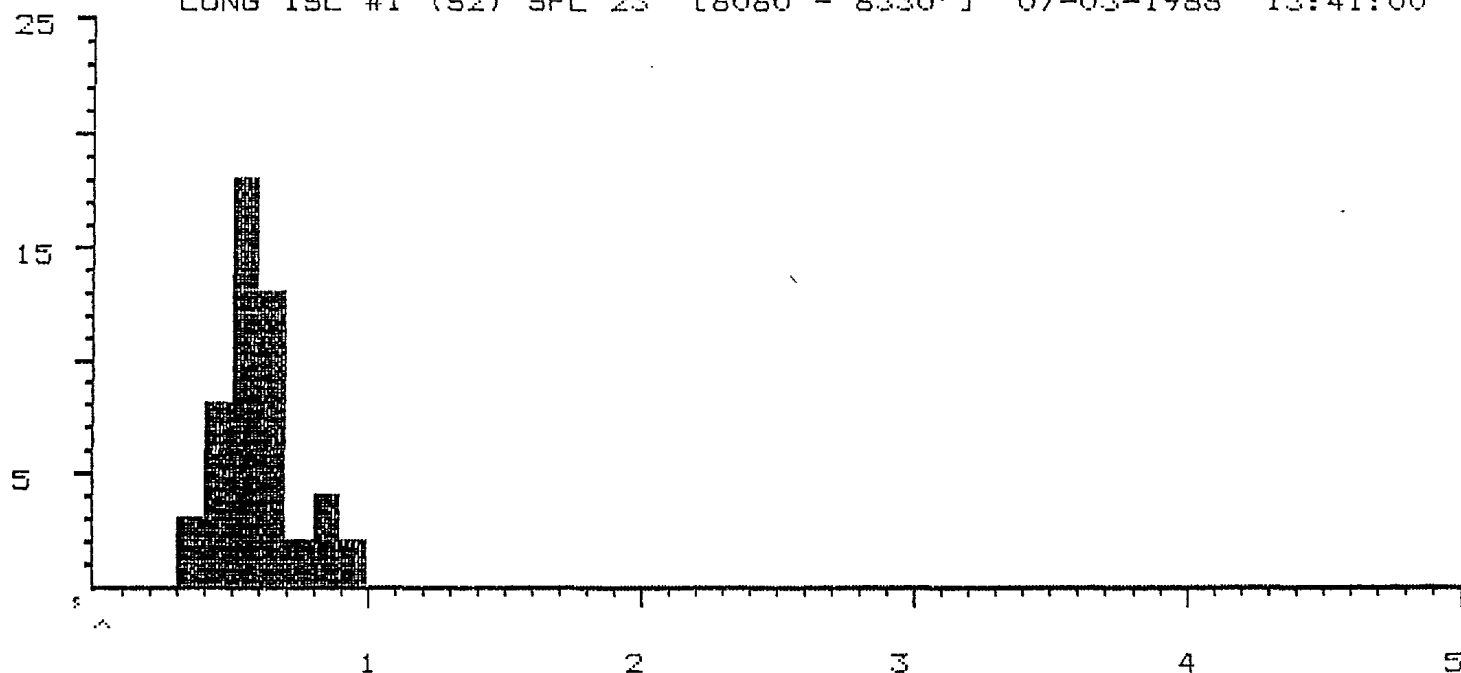
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	55	0.55	0.50	0.13

Filename	Title
LNGISL21	LONG ISL #1 (S2) SPL 21 [5520 - 5790']

Date	Time
07-03-1986	13:13:51

Number of readings: 55

Reading #		+0	+1	+2	+3	+4
1	=	.45	.61	.42	.42	.43
6	=	.47	.55	.46	.55	.64
11	=	.74	.5	.90	.48	.42
16	=	.88	.43	.45	.53	.58
21	=	.45	.76	.4	.5	.39
26	=	.7	.46	.88	.48	.73
31	=	.45	.66	.54	.7	.69
36	=	.54	.55	.44	.51	.68
41	=	.41	.61	.46	.59	.51
46	=	.51	.55	.53	.72	.53
51	=	.5	.7	.56	.3	.58



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	50	0.60	0.51	0.14

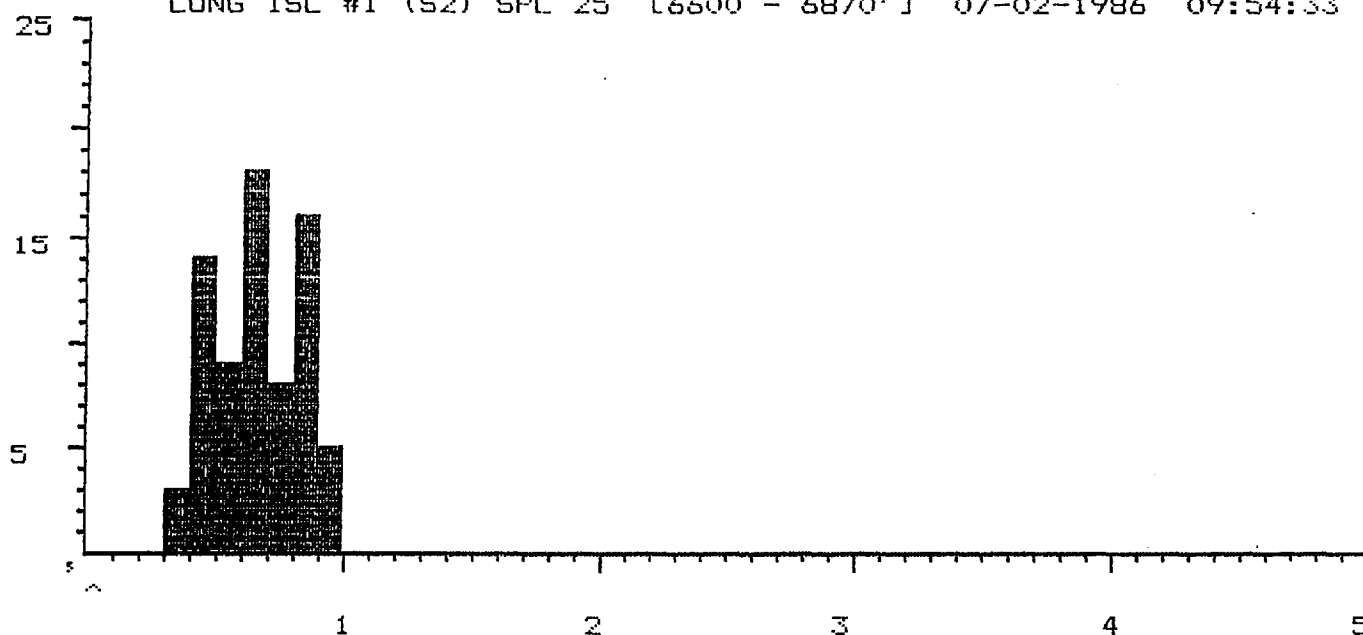
Filename	Title
LNGISL23	LONG ISL #1 (S2) SPL 23 [6060 - 6330']

Date	Time
07-03-1986	13:41:00

Number of readings: 50

Reading #	+0	+1	+2	+3	+4
1	.47	.49	.93	.36	.53
6	.57	.66	.52	.35	.95
11	.48	.6	.86	.5	.58
16	.63	.63	.58	.53	.87
21	.57	.48	.55	.65	.87
26	.4	.4	.37	.55	.63
31	.61	.69	.6	.56	.82
36	.69	.52	.74	.66	.79
41	.49	.64	.61	.5	.59
46	.57	.57	.51	.57	.49

LONG ISL #1 (S2) SPL 25 [6600 - 6870'] 07-02-1986 09:54:33



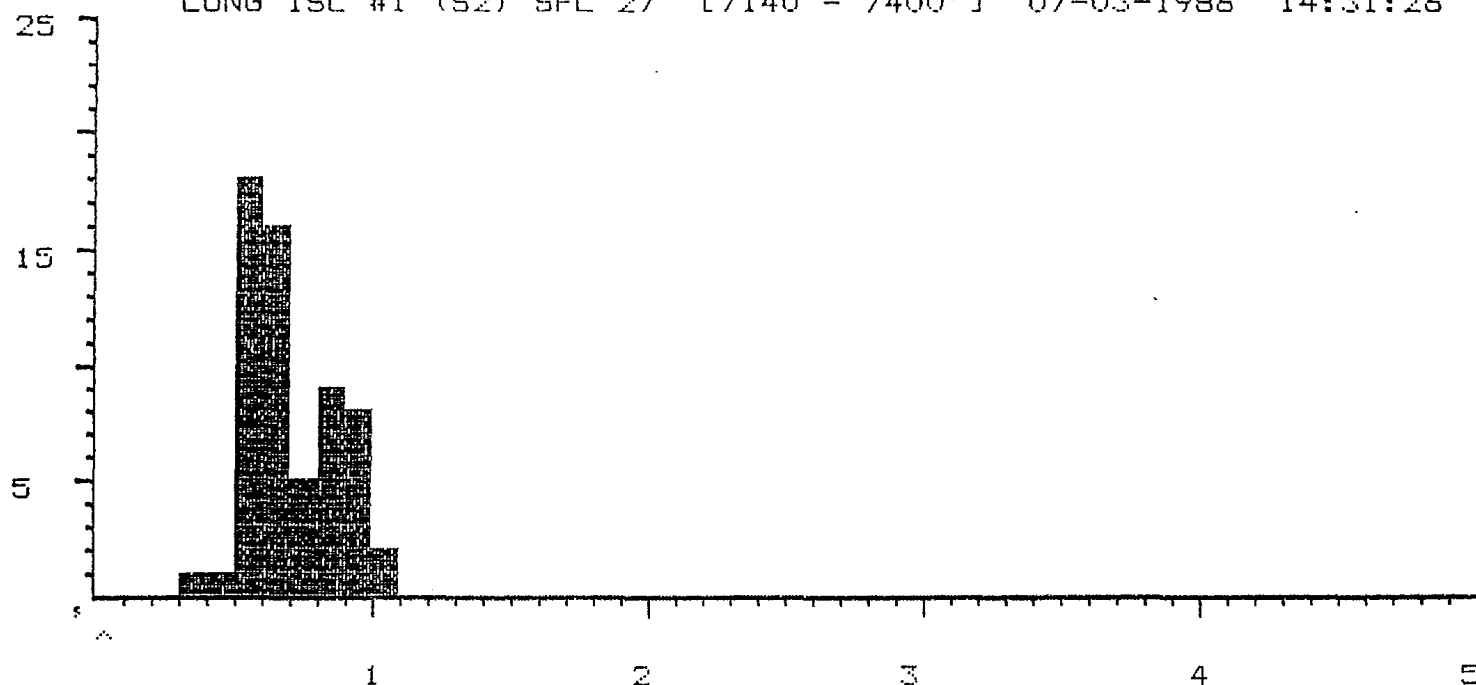
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	73	0.66	0.61	0.17

Filename	Title
LNGISL25	LONG ISL #1 (S2) SPL 25 [6600 - 6870']

Date	Time
07-02-1986	09:54:33

Number of readings: 73

Reading #		+0	+1	+2	+3	+4
1	=	.83	.86	.77	.96	.81
6	=	.41	.41	.61	.4	.44
11	=	.67	.5	.87	.45	.6
16	=	.54	.84	.73	.68	.95
21	=	.57	.61	.67	.63	.88
26	=	.82	.49	.78	.43	.4
31	=	.42	.62	.43	.88	.59
36	=	.95	.49	.39	.71	.92
41	=	.77	.81	.88	.87	.85
46	=	.91	.43	.78	.51	.6
51	=	.68	.84	.59	.49	.67
56	=	.59	.65	.55	.84	.64
61	=	.35	.86	.67	.51	.6
66	=	.61	.78	.4	.87	.67
71	=	.73	.37	.66		



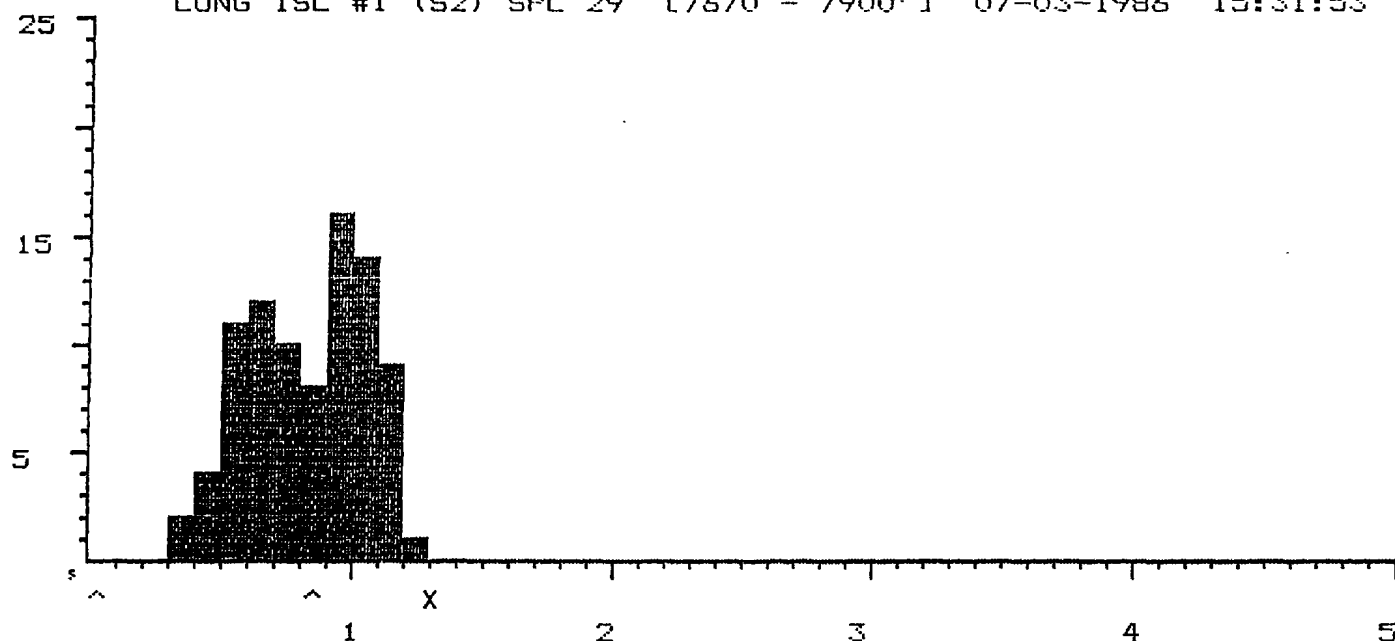
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	60	0.70	0.61	0.16

Filename	Title
LANGISL27	LONG ISL #1 (S2) SPL 27 [7140 - 7400']

Date	Time
07-03-1986	14:31:26

Number of readings: 60

Reading #		+0	+1	+2	+3	+4
1	=	.75	.88	.59	.6	.66
6	=	.94	.61	.51	.90	.92
11	=	.55	.53	.53	.56	.6
16	=	.74	.62	.92	.54	.95
21	=	.66	.61	.5	.56	.68
26	=	.58	.78	.63	.59	.64
31	=	.69	.8	.67	.68	.79
36	=	.71	.58	.51	.58	.36
41	=	.87	.51	.65	.56	.41
46	=	.53	.62	.94	.89	.86
51	=	.59	.83	.6	.92	1.03
56	=	1.01	.96	.87	.8	.86



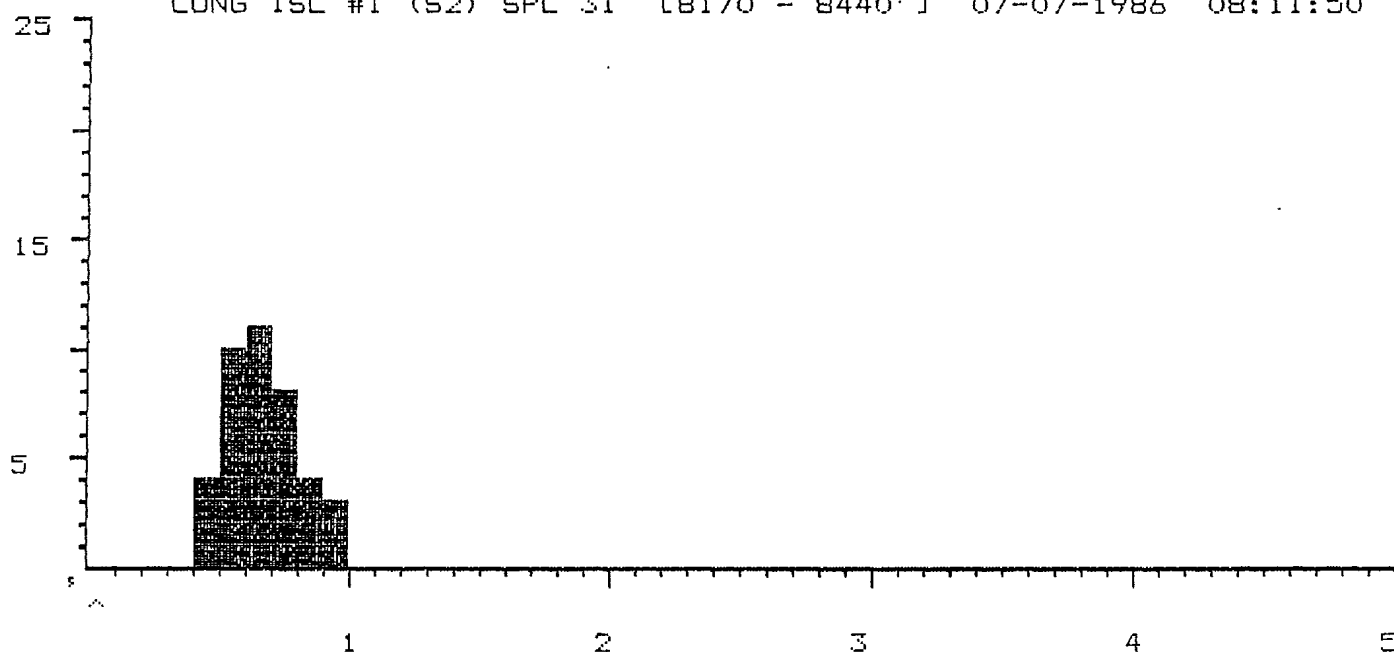
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	0.8	41	0.62	0.61	0.12
2	X	0.8	1.3	48	0.99	1.00	0.10

Filename	Title
-----	-----
LANGISL29	LONG ISL #1 (S2) SPL 29 [7670 - 7900']

Date	Time
-----	-----
07-03-1986	15:31:53

Number of readings: 87

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.49	1.15	.99	.51	.53
6	=	.97	1.11	.67	1.05	.61
11	=	.51	.8	.91	.79	1.01
16	=	.90	1.1	.6	.77	.87
21	=	.5	.47	.99	.87	1.08
26	=	1.04	1.02	1	.68	.81
31	=	1.02	.55	.51	.90	.56
36	=	.67	1.01	1.12	1.1	.61
41	=	.46	.86	1.09	1.21	.93
46	=	.98	1.06	.65	.73	.55
51	=	1.1	.74	.91	.67	.55
56	=	1.04	.79	.62	1.16	1.12
61	=	.98	.38	.93	.85	1.02
66	=	.66	.3	.79	.63	.92
71	=	.57	.91	.71	1.07	.79
76	=	.95	.78	1.15	1.03	.93
81	=	.7	.86	.8	.48	.56



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	40	0.66	0.61	0.14

Filename Title

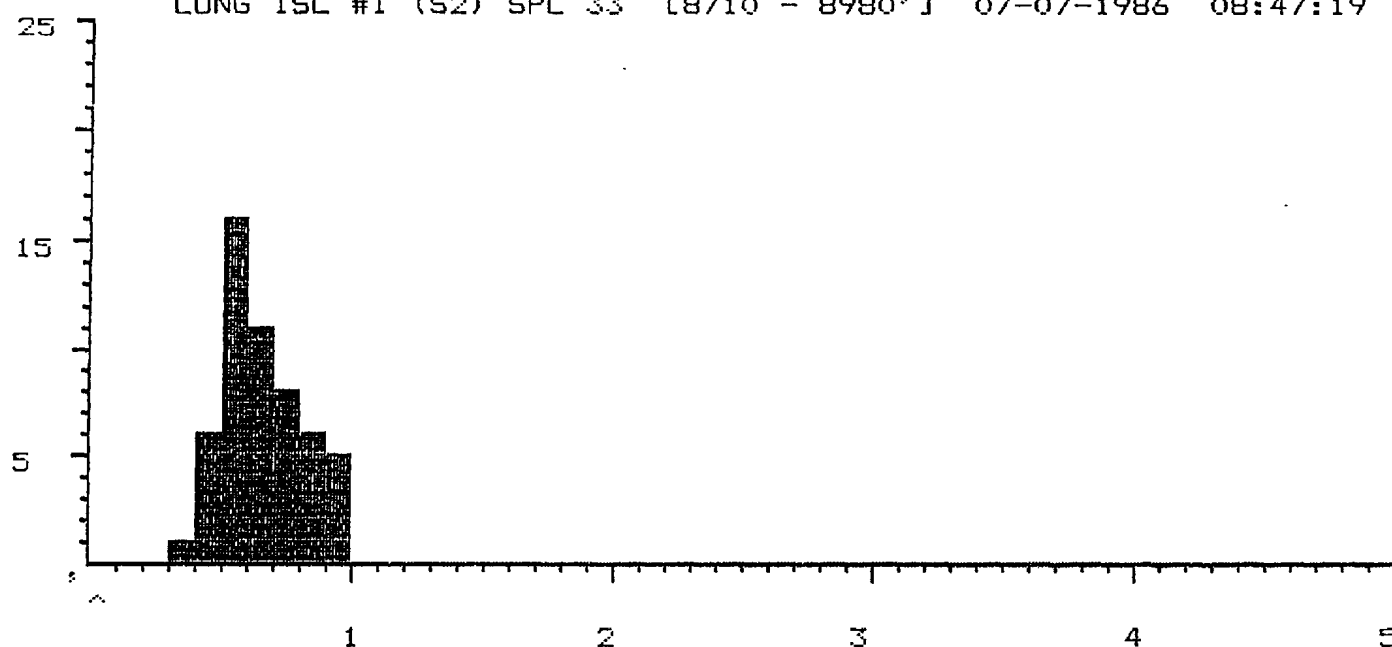
 LNGISL31 LONG ISL #1 (S2) SPL 31 [B170 - 8440']

Date Time

 07-07-1986 08:11:50

Number of readings: 40

Reading #		+0	+1	+2	+3	+4
1	=	.61	.57	.90	.51	.67
6	=	.74	.58	.62	.7	.55
11	=	.76	.54	.84	.8	.6
16	=	.6	.71	.53	.82	.88
21	=	.62	.54	.93	.59	.62
26	=	.59	.61	.77	.75	.64
31	=	.44	.49	.78	.97	.42
36	=	.63	.76	.59	.69	.48



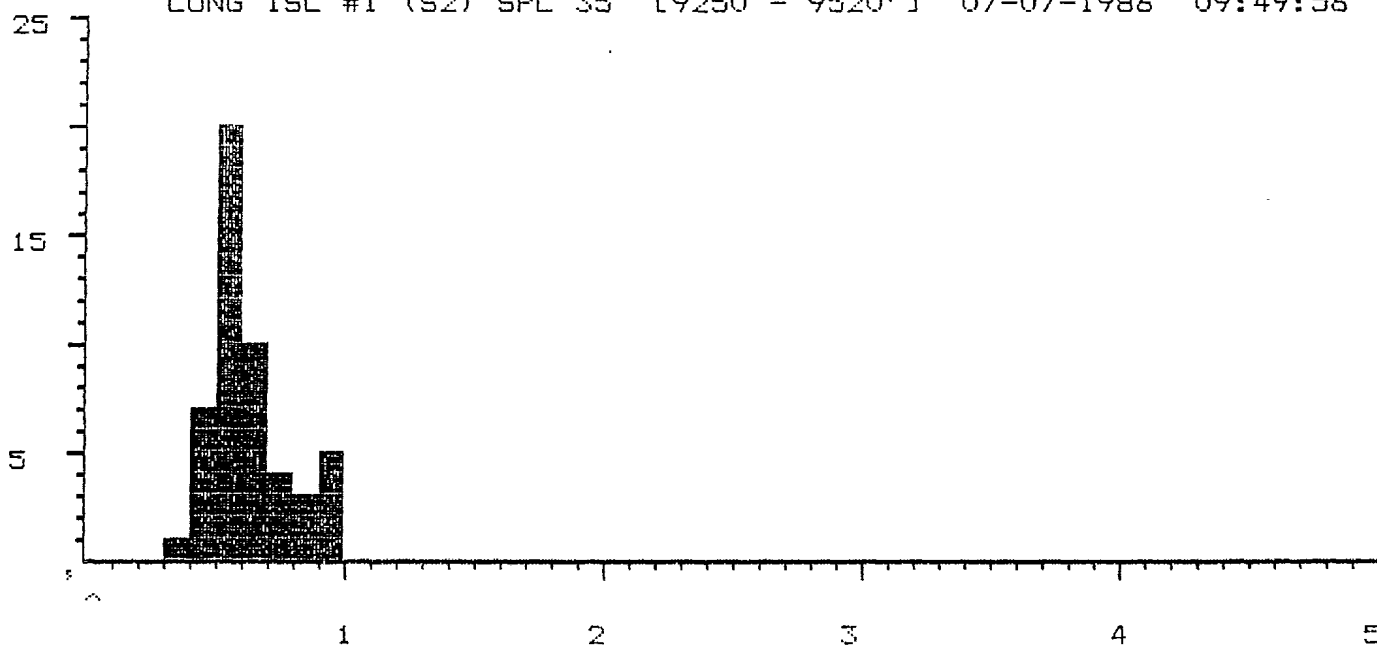
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	53	0.66	0.61	0.15

Filename	Title
-----	-----
LANGISL33	LONG ISL #1 (S2) SPL 33 [8710 - 8980']

Date	Time
----	----
07-07-1986	08:47:19

Number of readings: 53

Reading #		+0	+1	+2	+3	+4
-----		-----	-----	-----	-----	-----
1	=	.59	.58	.57	.72	.81
6	=	.72	.69	.77	.8	.95
11	=	.58	.95	.74	.90	.90
16	=	.69	.54	.58	.52	.73
21	=	.66	.58	.64	.52	.78
26	=	.46	.58	.57	.49	.53
31	=	.71	.59	.37	.66	.90
36	=	.44	.62	.62	.55	.41
41	=	.84	.46	.48	.64	.83
46	=	.85	.68	.53	.77	.69
51	=	.56	.89	.64		



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	50	0.62	0.51	0.16

Filename Title

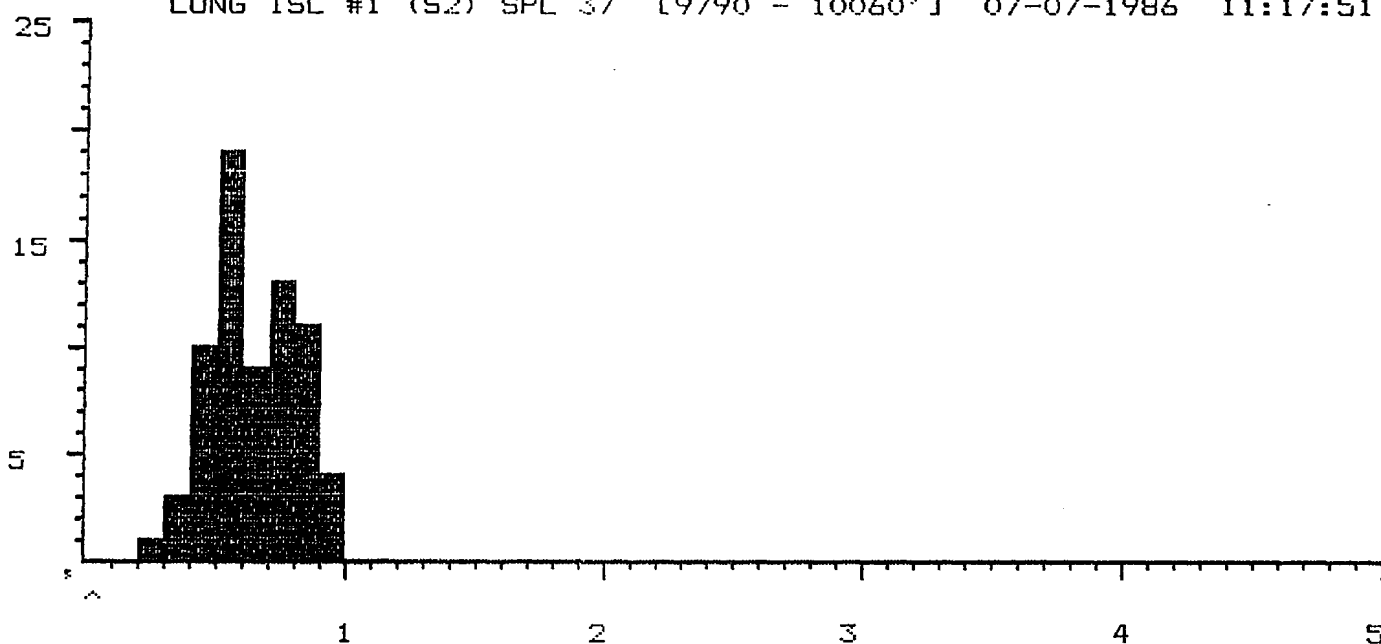
 LNGISL35 LONG ISL #1 (S2) SPL 35 [9250 - 9520']

Date Time

 07-07-1986 09:49:56

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
1	=	.51	.36	.46	.54	.45
6	=	.55	.51	.63	.49	.41
11	=	.47	.5	.65	.63	.66
16	=	.58	.92	.84	.42	.78
21	=	.98	.79	.98	.58	.6
26	=	.5	.54	.5	.62	.5
31	=	.67	.53	.52	.55	.62
36	=	.92	.67	.54	.61	.46
41	=	.71	.88	.78	.54	.57
46	=	.83	.57	.90	.54	.54



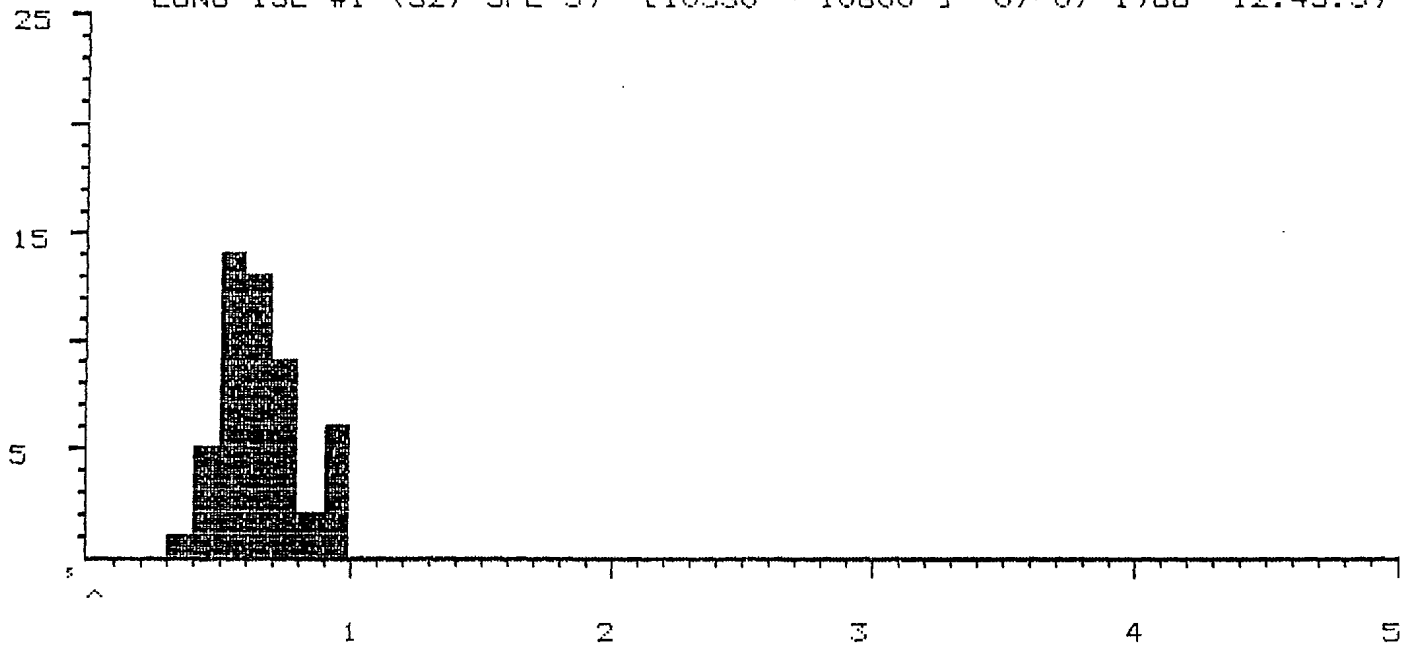
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	70	0.64	0.61	0.16

Filename	Title
LNGISL37	LONG ISL #1 (S2) SPL 37 [9790 - 10060']

Date	Time
07-07-1986	11:17:51

Number of readings: 70

Reading #	+0	+1	+2	+3	+4
1	.5	.6	.47	.45	.99
6	.54	.39	.57	.67	.84
11	.59	.52	.5	.49	.48
16	.74	.53	.5	.25	.52
21	.7	.98	.55	.58	.39
26	.49	.51	.76	.56	.6
31	.61	.86	.8	.48	.71
36	.53	.85	.54	.5	.49
41	.56	.51	.73	.62	.86
46	.58	.62	.79	.81	.82
51	.69	.63	.97	.44	.72
56	.84	.48	.48	.37	.7
61	.88	.92	.78	.83	.81
66	.72	.65	.78	.73	.75



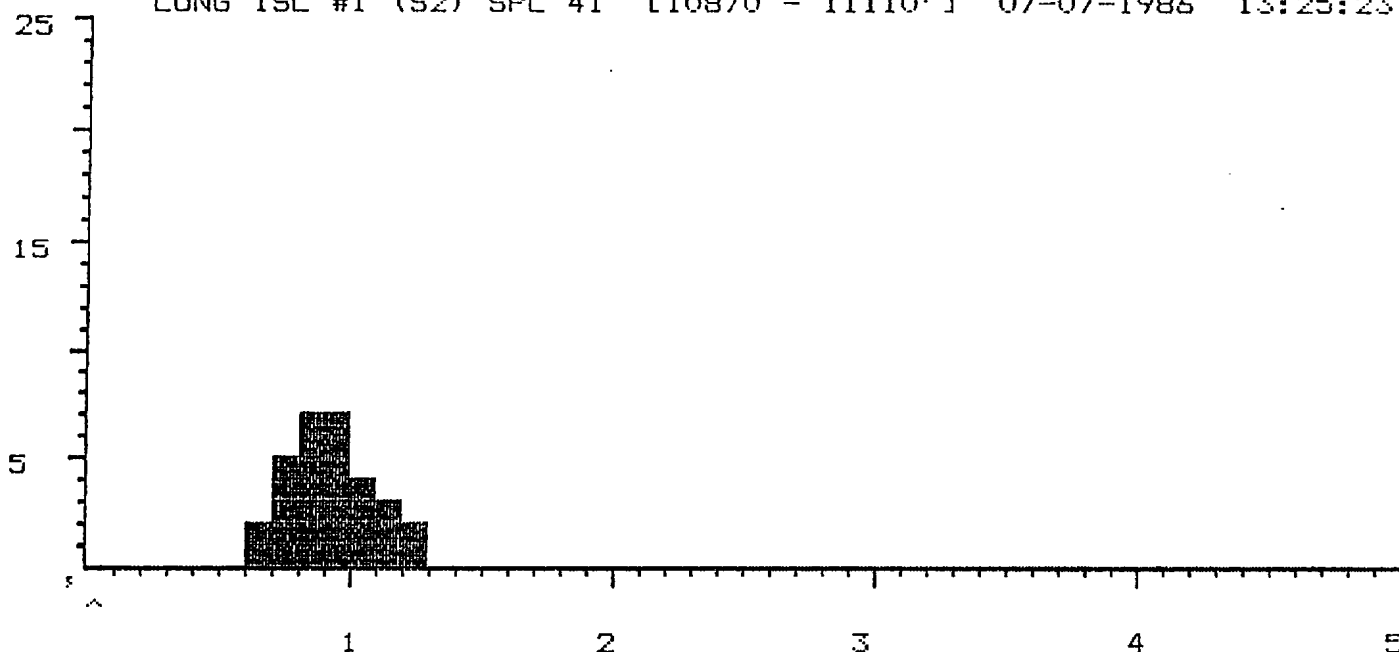
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	50	0.65	0.61	0.15

Filename	Title
LNGISL39	LONG ISL #1 (S2) SPL 39 [10330 - 10600']

Date	Time
07-07-1986	12:45:39

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
1	=	.64	.66	.54	.89	.54
6	=	.62	.7	.92	.74	.52
11	=	.99	.6	.91	.56	.64
16	=	.52	.96	.45	.78	.55
21	=	.75	.58	.83	.91	.62
26	=	.57	.55	.75	.55	.4
31	=	.49	.78	.67	.72	.68
36	=	.64	.35	.7	.65	.90
41	=	.52	.72	.4	.53	.6
46	=	.54	.49	.55	.64	.61



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	30	0.92	0.91	0.16

Filename Title

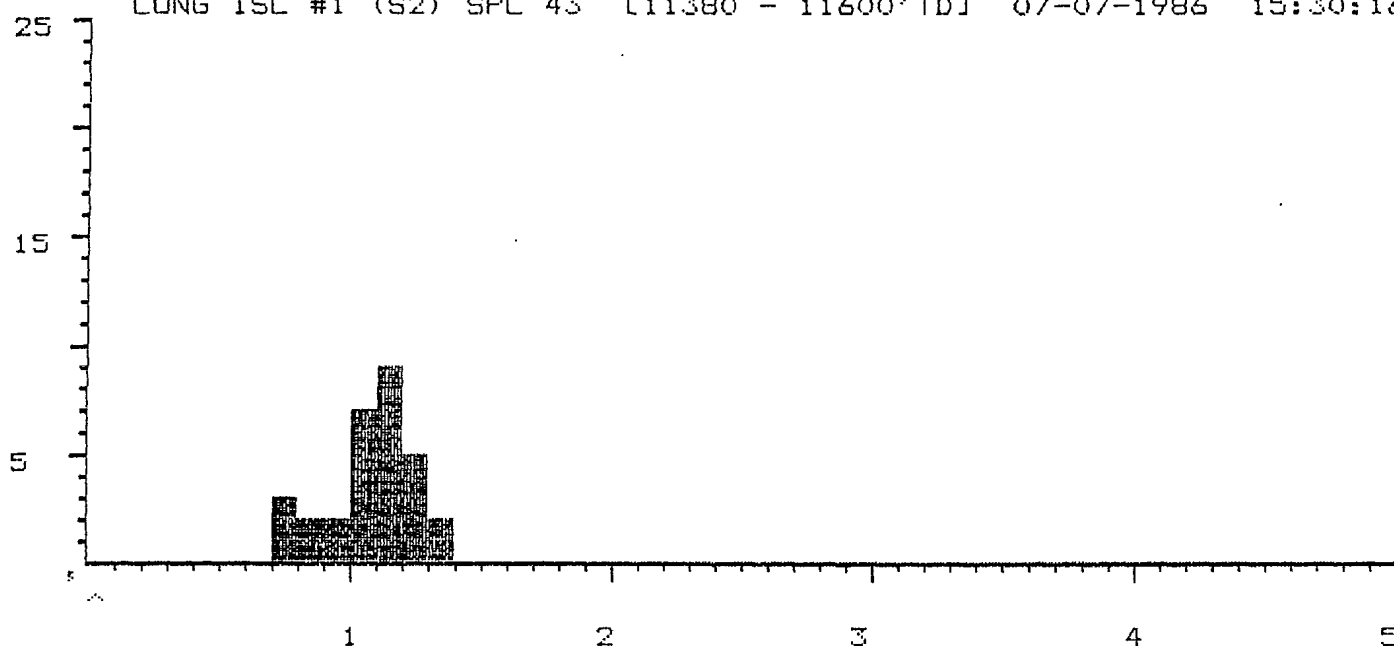
 LNGISL41 LONG ISL #1 (S2) SPL 41 [10870 - 11110']

Date Time

 07-07-1986 13:25:23

Number of readings: 30

Reading #		+0	+1	+2	+3	+4
1	=	.71	1.24	.91	.95	1.03
6	=	1.16	.89	.85	.76	.87
11	=	1.1	.85	.86	.62	.79
16	=	.97	.90	.76	.74	.98
21	=	1.04	.81	1.13	.68	.92
26	=	.83	1.2	1.05	1.08	.91



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	30	1.07	1.11	0.17

Filename	Title
-----	-----
LNGISL43	LONG ISL #1 (S2) SPL 43 [11380 - 11600'TD]

Date	Time
----	----
07-07-1986	15:30:16

Number of readings: 30

Reading #		+0	+1	+2	+3	+4
-----		----	----	----	----	----
1	=	.84	1.03	1.12	1.17	1.01
6	=	1.11	.78	1.05	1.04	1.13
11	=	1.19	1.34	1.26	1.21	.91
16	=	1	.73	1.06	.92	.79
21	=	1.22	1.15	1.22	1.38	1.08
26	=	.83	1.1	1.1	1.24	1.13

Vitrinite reflectance data for the Sohio Alaska Petroleum Company

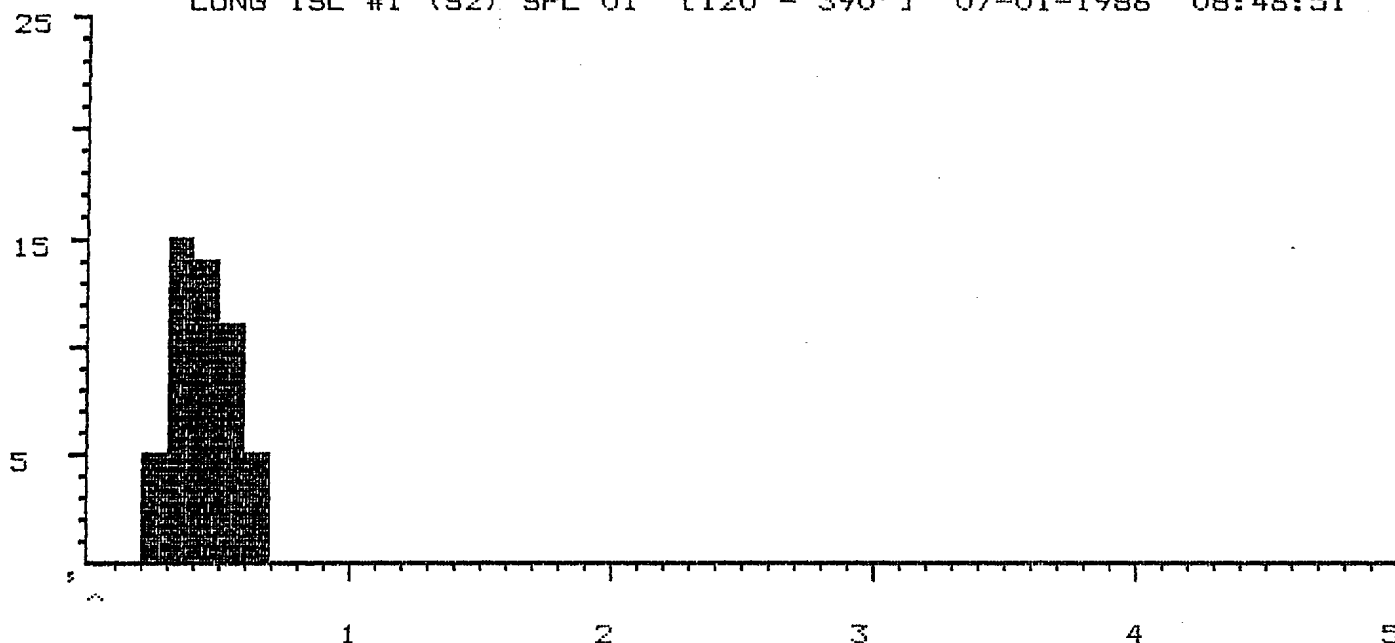
Received 17 February 1988

Total of 24 pages in report

Geologic Materials Center Data Report 81

SOHIO
LONG ISLAND NO. 1

API # 50-029-21043
SEC. 15, T13N/R12E UBM
BEAUFORT SEA, ALASKA



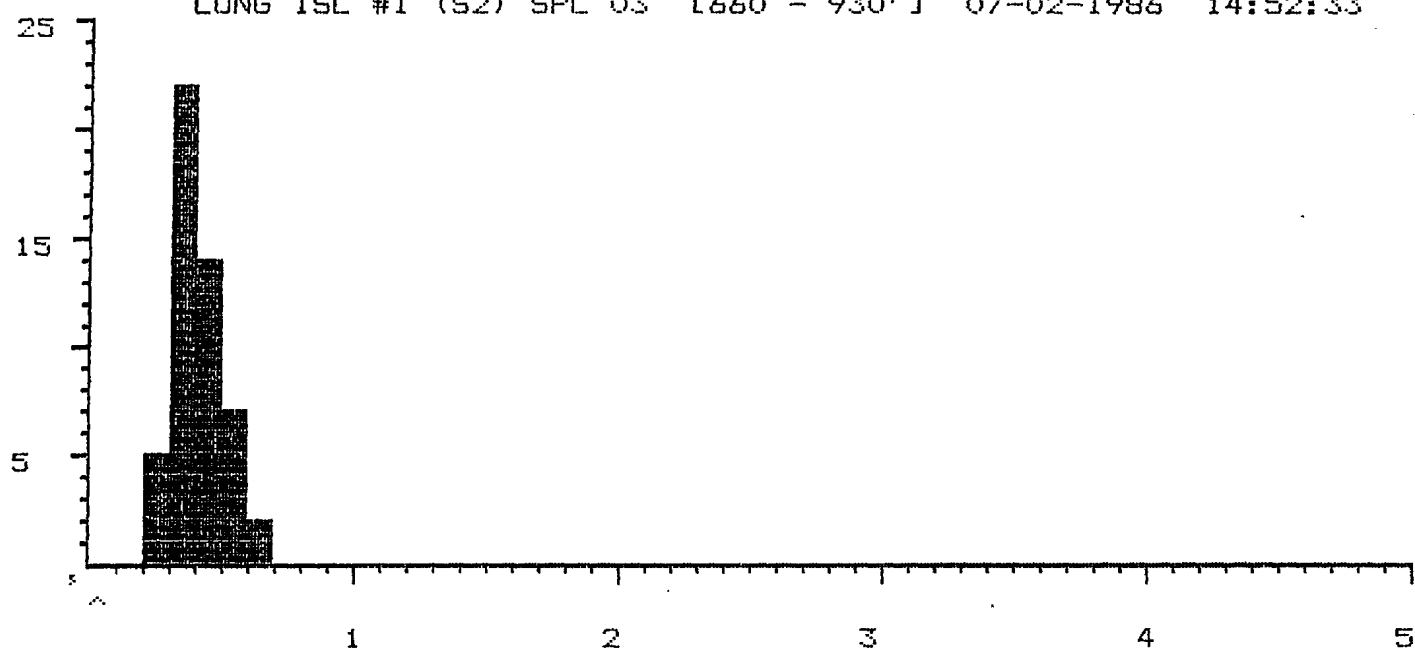
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	50	0.44	0.41	0.11

Filename	Title
LNGISL01	LONG ISL #1 (S2) SPL 01 [120 - 390']

Date	Time
07-01-1986	08:46:51

Number of readings: 50

Reading #	+0	+1	+2	+3	+4
1	.69	.35	.65	.54	.66
6	.34	.53	.38	.48	.45
11	.36	.44	.34	.4	.46
16	.51	.52	.47	.22	.48
21	.62	.52	.54	.38	.43
26	.42	.27	.38	.35	.35
31	.52	.53	.51	.32	.63
36	.38	.58	.38	.25	.38
41	.46	.25	.33	.54	.46
46	.47	.32	.44	.48	.28



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	50	0.40	0.32	0.10

Filename Title

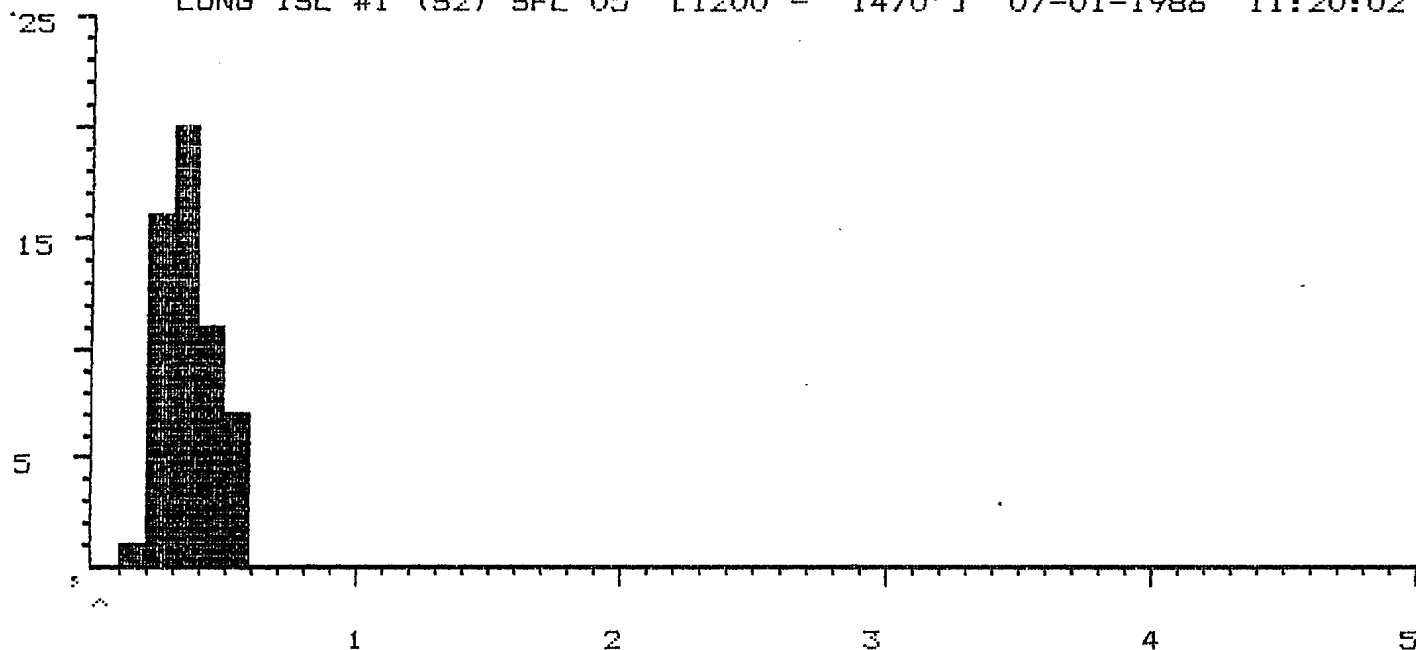
 LNGISLO3 LONG ISL #1 (S2) SPL 03 [660 - 930']

Date Time

 07-02-1986 14:52:33

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
1	=	.51	.38	.52	.39	.54
6	=	.6	.46	.54	.37	.3
11	=	.39	.41	.4	.3	.31
16	=	.37	.42	.52	.33	.47
21	=	.3	.3	.38	.68	.33
26	=	.36	.34	.44	.38	.34
31	=	.24	.32	.5	.34	.23
36	=	.32	.31	.42	.49	.26
41	=	.23	.28	.46	.41	.4
46	=	.56	.44	.48	.34	.43



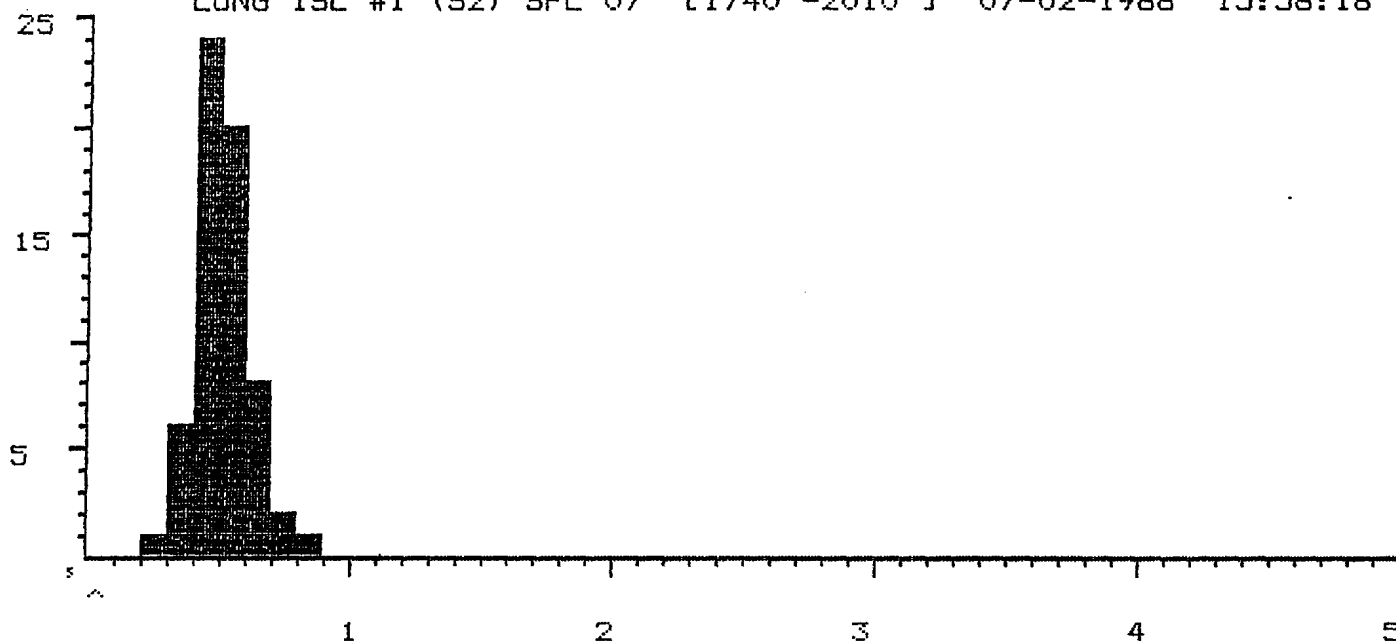
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	55	0.35	0.31	0.10

Filename	Title
LNGLSL05	LONG ISL #1 (S2) SPL 05 [1200 - 1470']

Date	Time
07-01-1986	11:20:02

Number of readings: 55

Reading #	+0	+1	+2	+3	+4
1	.55	.29	.25	.35	.15
6	.42	.53	.54	.26	.31
11	.25	.22	.27	.4	.3
16	.32	.2	.48	.56	.45
21	.26	.33	.34	.31	.54
26	.4	.36	.24	.3	.34
31	.49	.34	.32	.27	.42
36	.46	.35	.41	.3	.2
41	.4	.33	.54	.39	.25
46	.29	.55	.36	.25	.25
51	.32	.31	.48	.27	.38



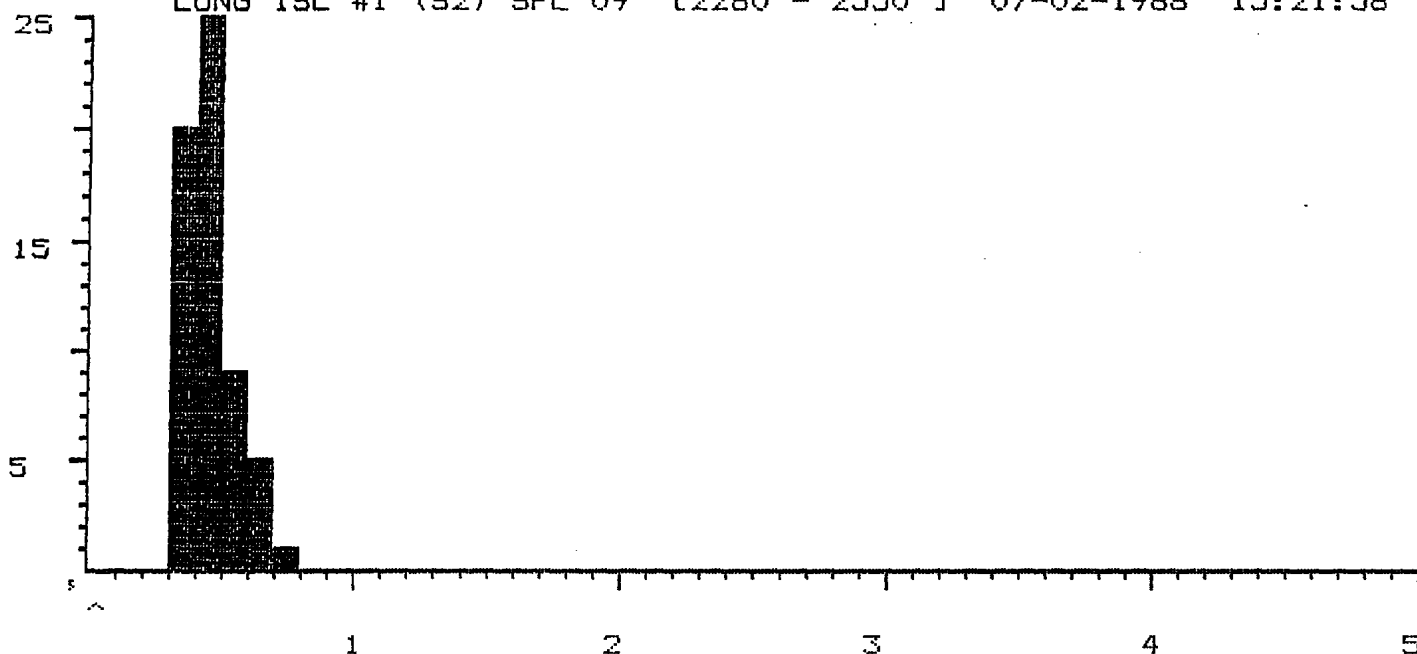
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	62	0.51	0.50	0.10

Filename	Title
LNGISL07	LONG ISL #1 (S2) SPL 07 [1740 -2010']

Date	Time
07-02-1986	15:56:16

Number of readings: 62

Reading #	+0	+1	+2	+3	+4
1	.62	.45	.45	.54	.53
6	.8	.63	.45	.44	.46
11	.57	.71	.56	.44	.49
16	.41	.51	.67	.54	.43
21	.48	.35	.43	.47	.29
26	.55	.45	.31	.41	.34
31	.45	.59	.62	.32	.41
36	.44	.5	.47	.52	.49
41	.5	.48	.72	.41	.49
46	.57	.53	.65	.67	.56
51	.49	.49	.56	.6	.53
56	.58	.38	.57	.35	.51



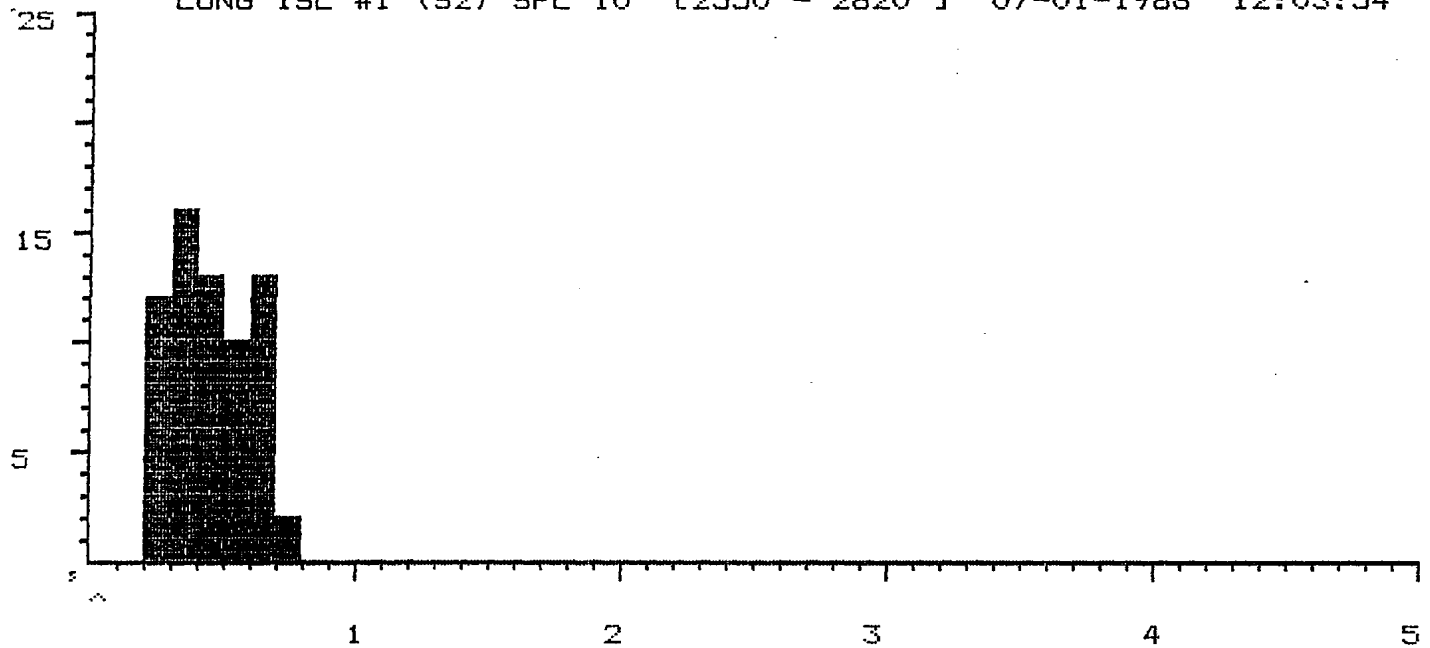
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	60	0.45	0.40	0.10

Filename	Title
LNGISL09	LONG ISL #1 (S2) SPL 09 [2280 - 2550']

Date	Time
07-02-1986	15:21:58

Number of readings: 60

Reading #	+0	+1	+2	+3	+4
1	.4	.52	.67	.42	.37
6	.57	.52	.43	.39	.4
11	.34	.3	.43	.43	.44
16	.37	.43	.42	.3	.5
21	.42	.42	.36	.35	.39
26	.31	.43	.35	.3	.46
31	.44	.49	.35	.42	.39
36	.45	.57	.67	.47	.61
41	.55	.48	.62	.39	.77
46	.66	.52	.56	.39	.55
51	.41	.33	.41	.36	.48
56	.41	.46	.39	.46	.37



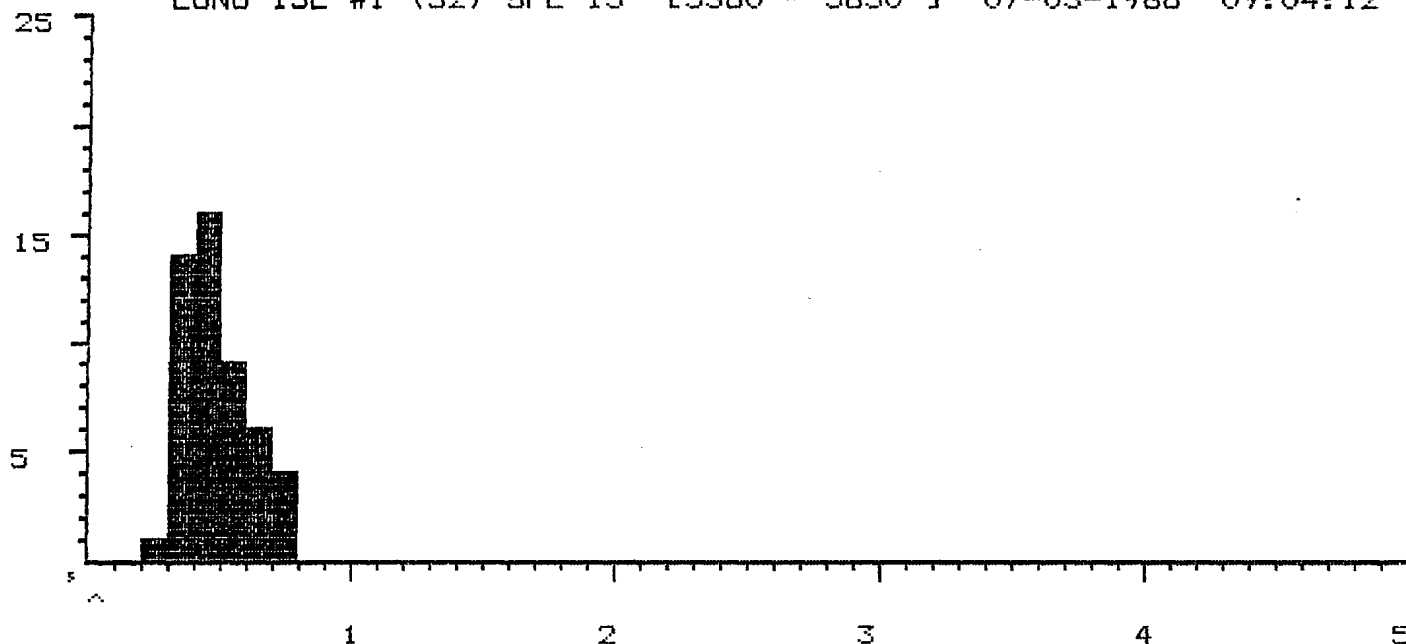
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	66	0.44	0.41	0.14

Filename	Title
LANGISL10	LONG ISL #1 (S2) SPL 10 [2550 - 2820']

Date	Time
07-01-1986	12:03:54

Number of readings: 66

Reading #	+0	+1	+2	+3	+4
1	.52	.26	.37	.59	.28
6	.31	.45	.32	.26	.54
11	.7	.61	.42	.24	.7
16	.32	.62	.25	.26	.67
21	.36	.51	.27	.37	.48
26	.51	.52	.34	.4	.55
31	.27	.4	.31	.48	.36
36	.46	.44	.31	.46	.62
41	.46	.64	.64	.25	.61
46	.53	.26	.6	.38	.31
51	.34	.58	.65	.66	.32
56	.24	.63	.3	.44	.43
61	.62	.42	.58	.26	.34



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	50	0.48	0.41	0.12

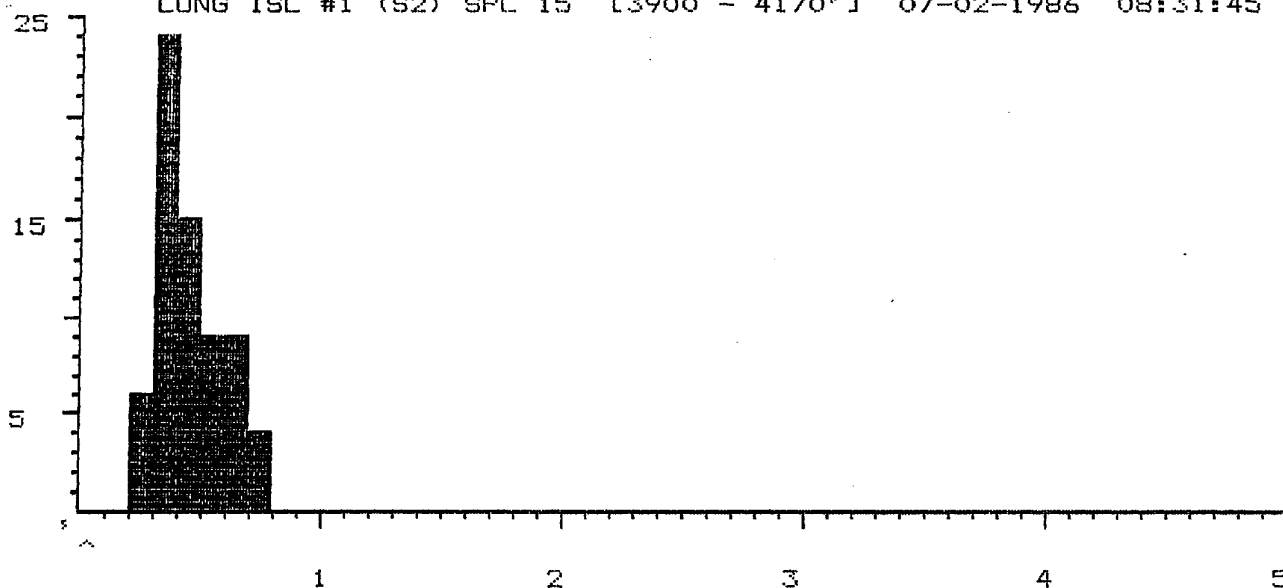
Filename	Title
LNGISL13	LONG ISL #1 (S2) SPL 13 [3360 - 3630']

Date	Time
07-03-1986	09:04:12

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
1	=	.31	.37	.63	.44	.38
6	=	.73	.45	.47	.48	.75
11	=	.53	.61	.5	.56	.72
16	=	.37	.65	.5	.58	.36
21	=	.54	.42	.64	.62	.39
26	=	.56	.5	.36	.36	.32
31	=	.43	.47	.45	.41	.32
36	=	.41	.52	.36	.45	.45
41	=	.39	.42	.34	.75	.47
46	=	.43	.63	.29	.35	.45

LONG ISL #1 (S2) SPL 15 [3900 - 4170'] 07-02-1986 08:31:45



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	67	0.45	0.40	0.14

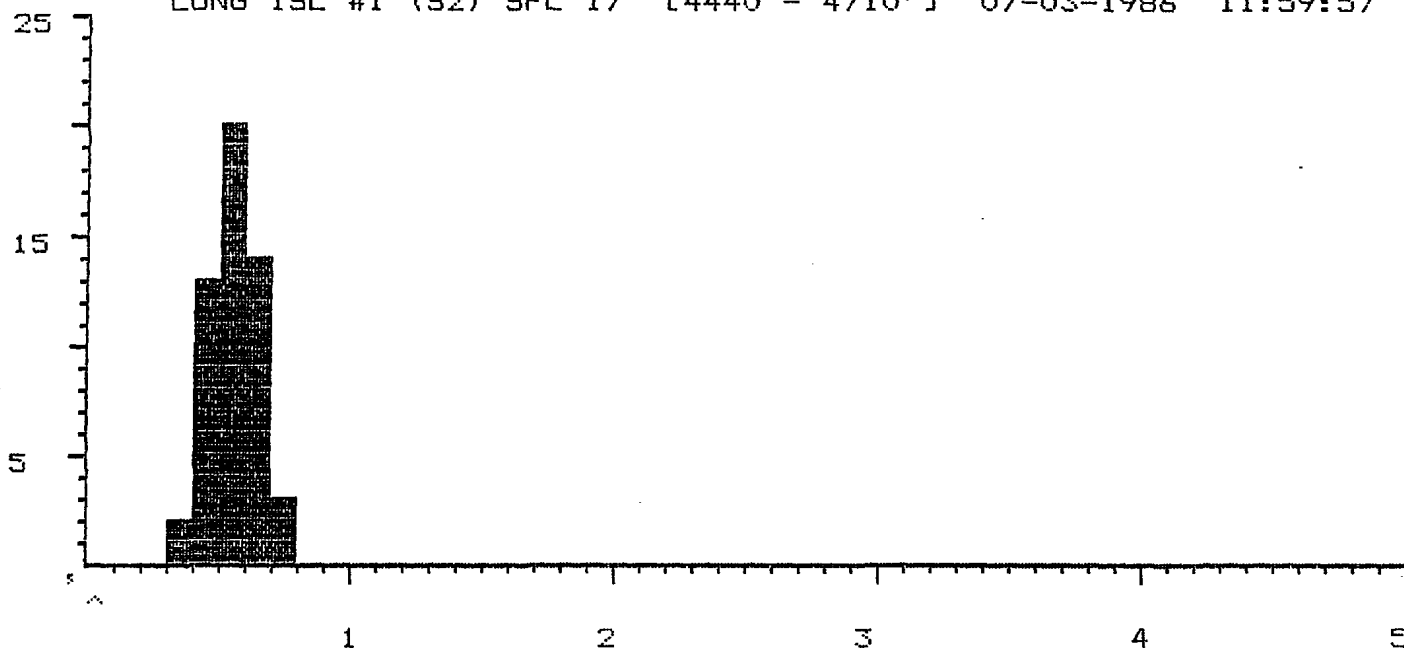
Filename	Title
LNGISL15	LONG ISL #1 (S2) SPL 15 [3900 - 4170']

Date	Time
07-02-1986	08:31:45

Number of readings: 67

Reading #	+0	+1	+2	+3	+4
1	.67	.65	.4	.33	.66
6	.32	.65	.28	.32	.34
11	.33	.3	.65	.74	.51
16	.24	.41	.57	.45	.23
21	.53	.35	.77	.39	.45
26	.41	.37	.36	.63	.6
31	.24	.42	.35	.23	.3
36	.48	.5	.64	.38	.46
41	.42	.7	.38	.39	.57
46	.37	.45	.32	.33	.37
51	.48	.52	.24	.41	.36
56	.74	.37	.38	.54	.4
61	.53	.4	.39	.64	.47

LONG ISL #1 (S2) SPL 17 [4440 - 4710'] 07-03-1986 11:59:57



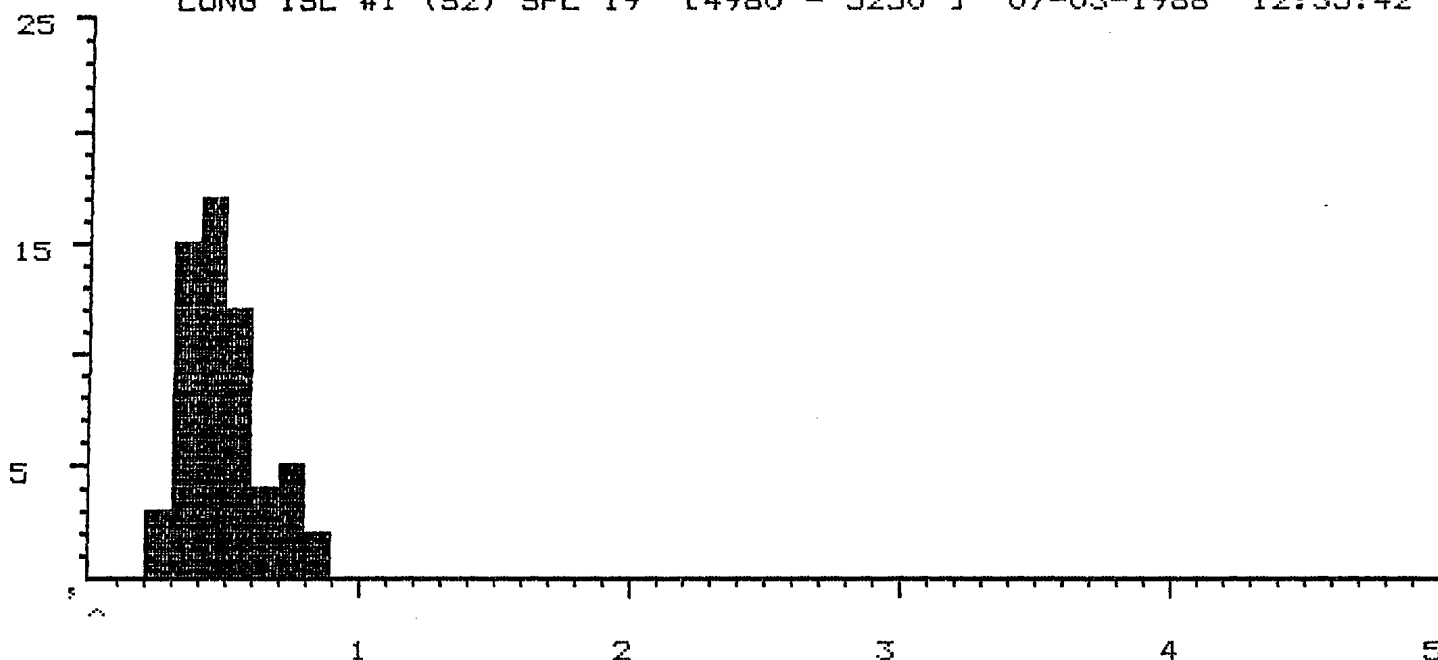
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV.
1	^	0.0	10.0	52	0.55	0.51	0.09

Filename	Title
LANGISL17	LONG ISL #1 (S2) SPL 17 [4440 - 4710']

Date	Time
07-03-1986	11:59:57

Number of readings: 52

Reading #	+0	+1	+2	+3	+4
1	.5	.67	.78	.58	.44
6	.44	.53	.53	.56	.61
11	.67	.69	.63	.47	.55
16	.47	.48	.58	.49	.59
21	.65	.55	.6	.33	.64
26	.52	.43	.58	.49	.65
31	.68	.64	.41	.6	.48
36	.52	.6	.64	.55	.33
41	.52	.71	.56	.5	.48
46	.5	.45	.59	.47	.59



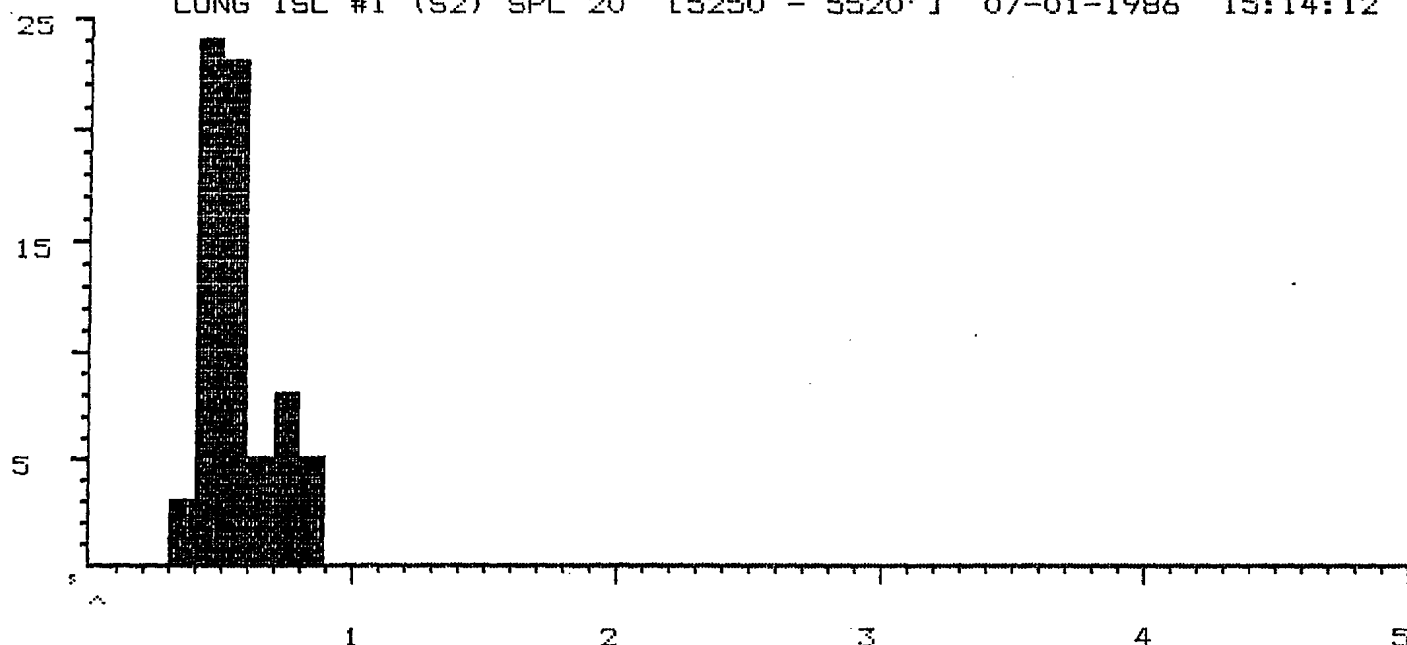
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	58	0.48	0.41	0.14

Filename	Title
LNGISL19	LONG ISL #1 (S2) SPL 19 [4980 - 5250']

Date	Time
07-03-1986	12:35:42

Number of readings: 58

Reading #	+0	+1	+2	+3	+4
1	.38	.38	.55	.4	.39
6	.41	.41	.37	.46	.44
11	.4	.82	.41	.56	.67
16	.52	.46	.36	.63	.3
21	.55	.83	.55	.72	.52
26	.34	.38	.28	.5	.33
31	.37	.34	.45	.46	.38
36	.59	.63	.32	.4	.33
41	.27	.7	.5	.52	.69
46	.53	.74	.29	.37	.47
51	.46	.47	.78	.75	.41
56	.41	.57	.47		



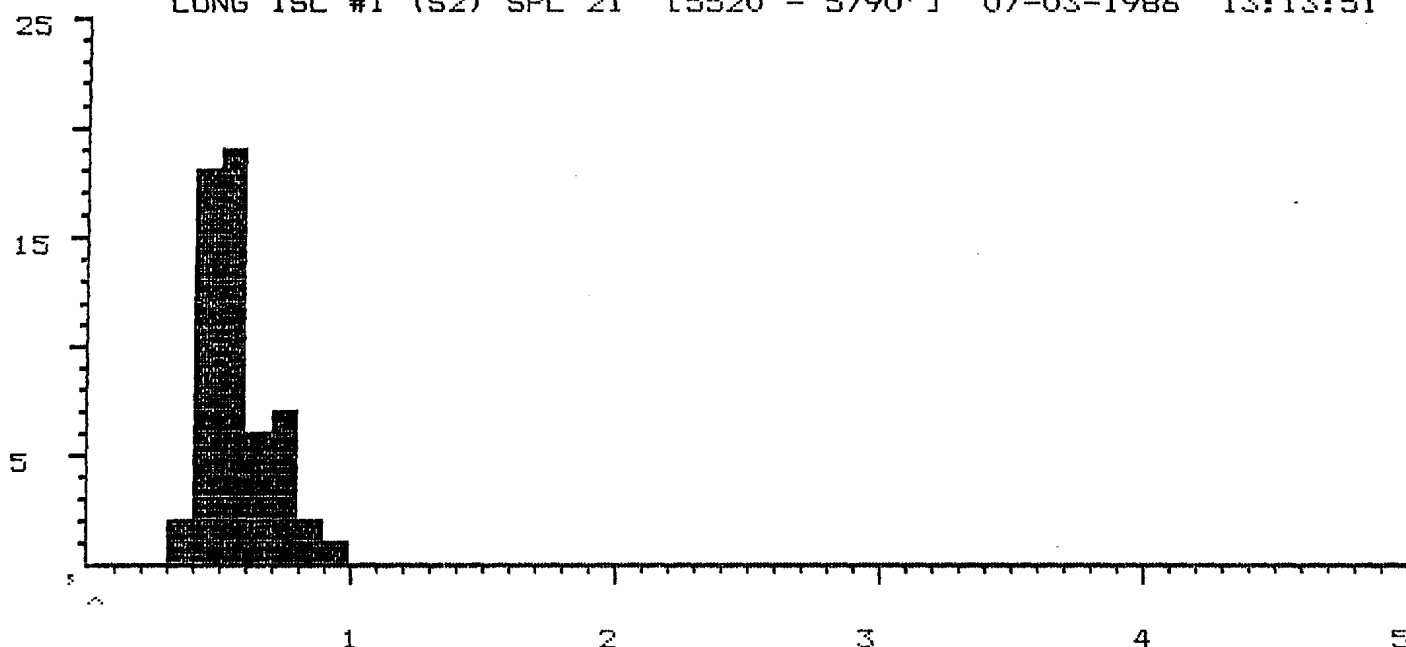
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	68	0.55	0.50	0.14

Filename	Title
LNGISL20	LONG ISL #1 (S2) SPL 20 [5250 - 5520']

Date	Time
07-01-1986	15:14:12

Number of readings: 68

Reading #	+0	+1	+2	+3	+4
1	.81	.62	.4	.88	.46
6	.51	.58	.4	.44	.53
11	.44	.45	.41	.55	.4
16	.46	.75	.41	.6	.59
21	.43	.4	.52	.45	.49
26	.55	.54	.51	.52	.47
31	.4	.74	.54	.52	.51
36	.67	.74	.51	.46	.54
41	.54	.57	.43	.46	.44
46	.87	.42	.66	.8	.36
51	.73	.5	.48	.52	.74
56	.55	.79	.46	.78	.34
61	.54	.71	.36	.83	.57
66	.49	.65	.54		



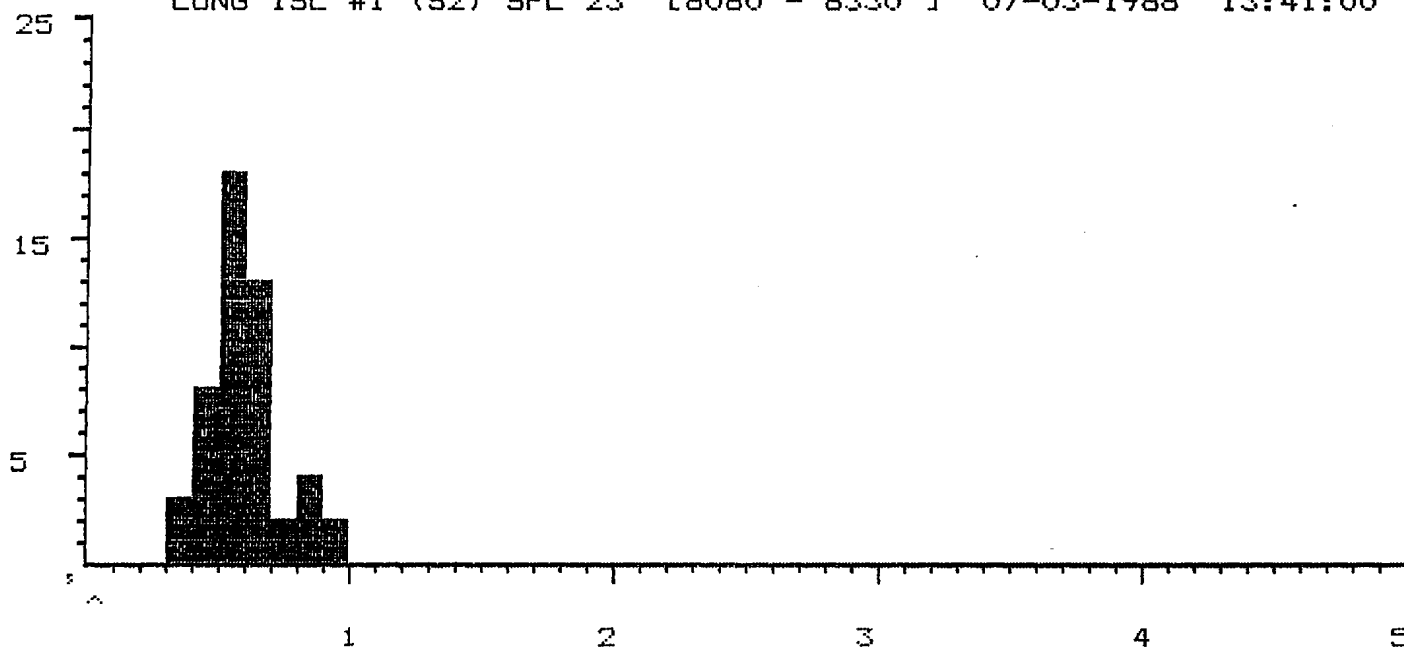
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	55	0.55	0.50	0.13

Filename	Title
LNGISL21	LONG ISL #1 (S2) SPL 21 [5520 - 5790']

Date	Time
07-03-1986	13:13:51

Number of readings: 55

Reading #		+0	+1	+2	+3	+4
1	=	.45	.61	.42	.42	.43
6	=	.47	.55	.46	.55	.64
11	=	.74	.5	.90	.48	.42
16	=	.88	.43	.45	.53	.58
21	=	.45	.76	.4	.5	.39
26	=	.7	.46	.88	.48	.73
31	=	.45	.66	.54	.7	.69
36	=	.54	.55	.44	.51	.68
41	=	.41	.61	.46	.59	.51
46	=	.51	.55	.53	.72	.53
51	=	.5	.7	.56	.3	.58



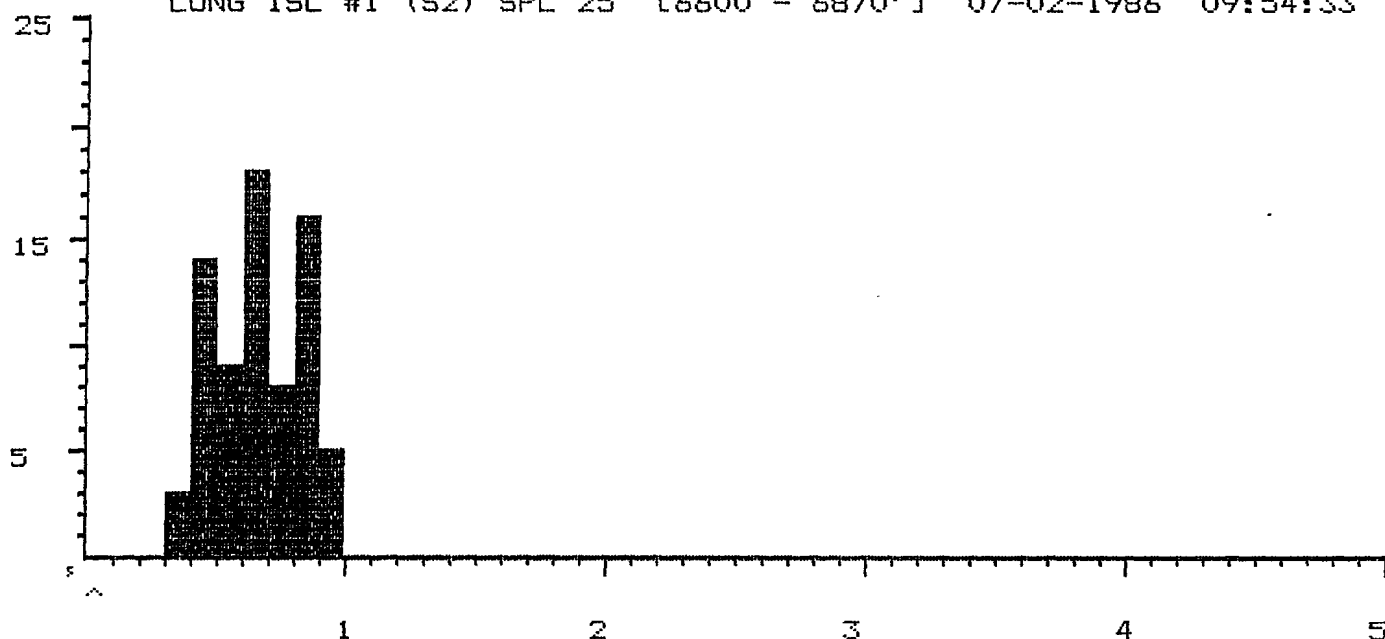
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	50	0.60	0.51	0.14

Filename	Title
LNGISL23	LONG ISL #1 (S2) SPL 23 [6060 - 6330']

Date	Time
07-03-1986	13:41:00

Number of readings: 50

Reading #		+0	+1	+2	+3	+4
1	=	.47	.49	.93	.36	.53
6	=	.57	.66	.52	.35	.95
11	=	.48	.6	.86	.5	.58
16	=	.63	.63	.58	.53	.87
21	=	.57	.48	.55	.65	.87
26	=	.4	.4	.37	.55	.63
31	=	.61	.69	.6	.56	.82
36	=	.69	.52	.74	.66	.79
41	=	.49	.64	.61	.5	.59
46	=	.57	.57	.51	.57	.49



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	73	0.66	0.61	0.17

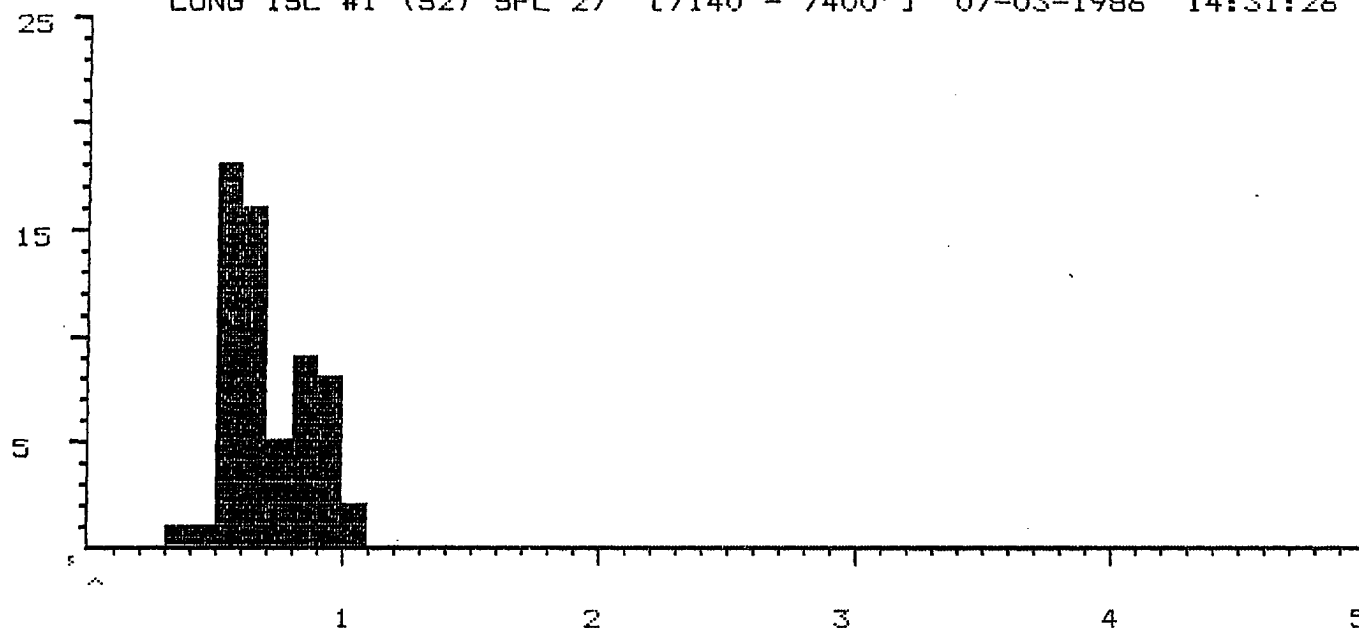
Filename	Title
LNGISL25	LONG ISL #1 (S2) SPL 25 [6600 - 6870']

Date	Time
07-02-1986	09:54:33

Number of readings: 73

Reading #	+0	+1	+2	+3	+4
1	.83	.86	.77	.96	.81
6	.41	.41	.61	.4	.44
11	.67	.5	.87	.45	.6
16	.54	.84	.73	.68	.95
21	.57	.61	.67	.63	.88
26	.82	.49	.78	.43	.4
31	.42	.62	.43	.88	.59
36	.95	.49	.39	.71	.92
41	.77	.81	.88	.87	.85
46	.91	.43	.78	.51	.6
51	.68	.84	.59	.49	.67
56	.59	.65	.55	.84	.64
61	.35	.86	.67	.51	.6
66	.61	.78	.4	.87	.67
71	.73	.37	.66		

LONG ISL #1 (S2) SPL 27 [7140 - 7400'] 07-03-1986 14:31:26



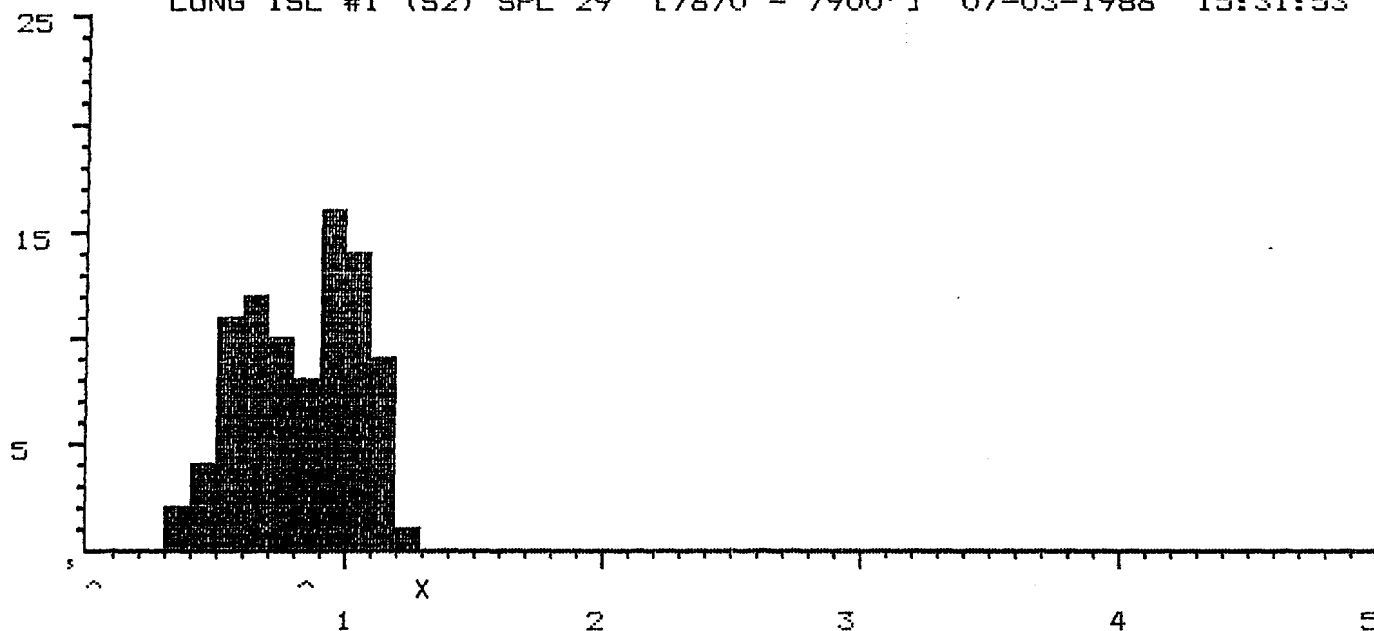
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	60	0.70	0.61	0.16

Filename	Title
LNGISL27	LONG ISL #1 (S2) SPL 27 [7140 - 7400']

Date	Time
07-03-1986	14:31:26

Number of readings: 60

Reading #		+0	+1	+2	+3	+4
1	=	.75	.88	.59	.6	.66
6	=	.94	.61	.51	.90	.92
11	=	.55	.53	.53	.56	.6
16	=	.74	.62	.92	.54	.95
21	=	.66	.61	.5	.56	.68
26	=	.58	.78	.63	.59	.64
31	=	.69	.8	.67	.68	.79
36	=	.71	.58	.51	.58	.36
41	=	.87	.51	.65	.56	.41
46	=	.53	.62	.94	.89	.86
51	=	.59	.83	.6	.92	1.03
56	=	1.01	.96	.87	.8	.86



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	0.8	41	0.62	0.61	0.12
2	X	0.8	1.3	48	0.99	1.00	0.10

Filename Title

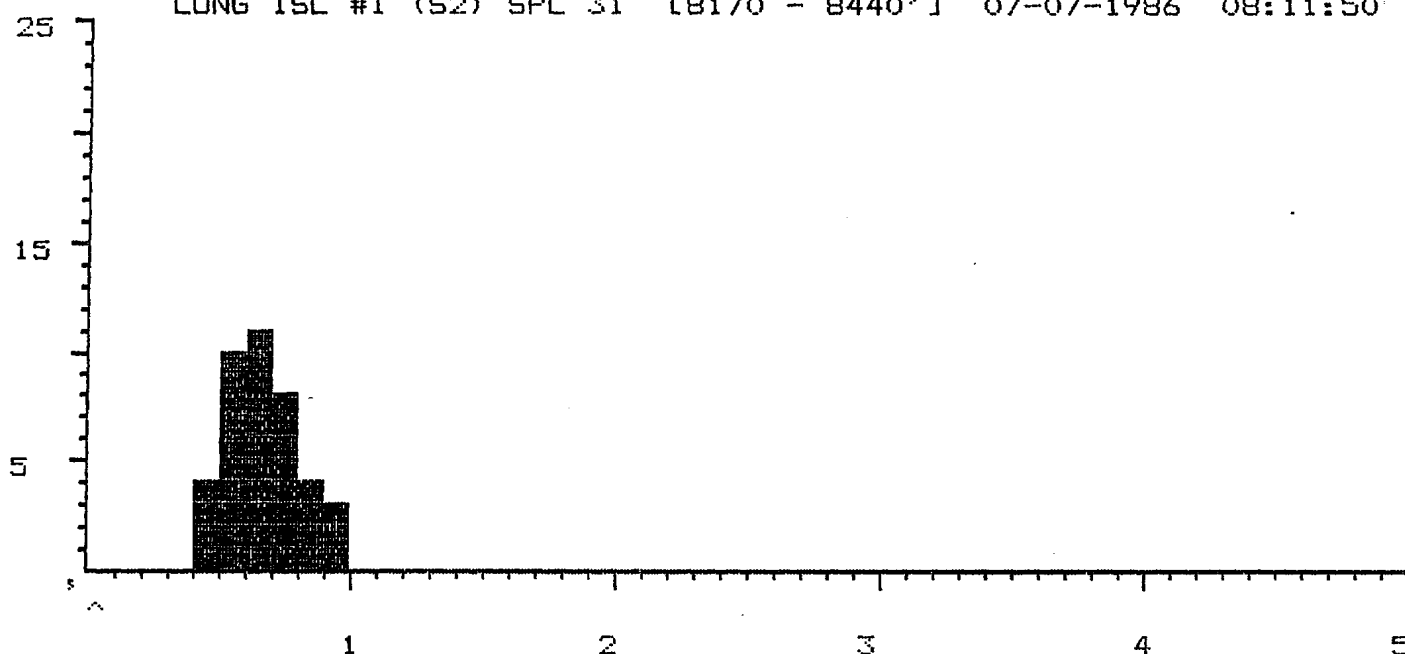
 LNGISL29 LONG ISL #1 (S2) SPL 29 [7670 - 7900']

Date Time

 07-03-1986 15:31:53

Number of readings: 87

Reading #		+0	+1	+2	+3	+4
1	=	.49	1.15	.99	.51	.53
6	=	.97	1.11	.67	1.05	.61
11	=	.51	.8	.91	.79	1.01
16	=	.90	1.1	.6	.77	.87
21	=	.5	.47	.99	.87	1.08
26	=	1.04	1.02	1	.68	.81
31	=	1.02	.55	.51	.90	.56
36	=	.67	1.01	1.12	1.1	.61
41	=	.46	.86	1.09	1.21	.93
46	=	.98	1.06	.65	.73	.55
51	=	1.1	.74	.91	.67	.55
56	=	1.04	.79	.62	1.16	1.12
61	=	.98	.38	.93	.85	1.02
66	=	.66	.3	.79	.63	.92
71	=	.57	.91	.71	1.07	.79
76	=	.95	.78	1.15	1.03	.93
81	=	.7	.86	.8	.48	.56



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	40	0.66	0.61	0.14

Filename Title

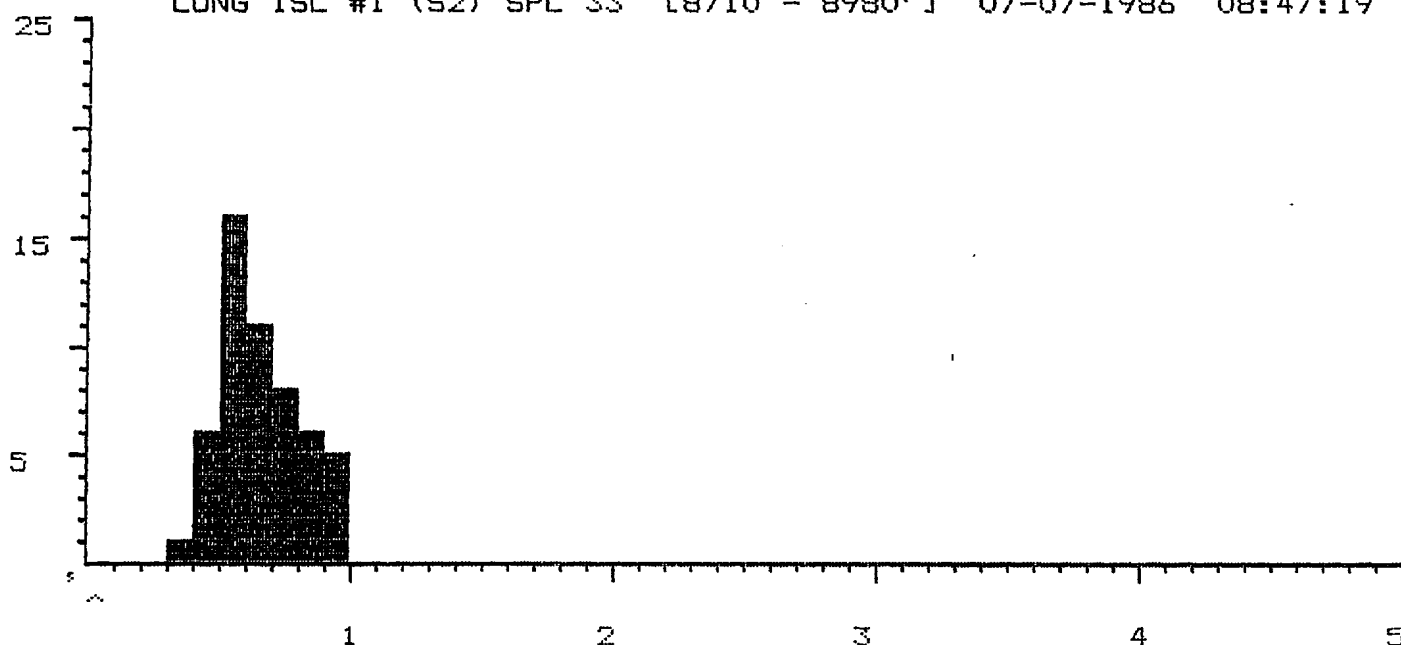
 LNGISL31 LONG ISL #1 (S2) SPL 31 [8170 - 8440']

Date Time

 07-07-1986 08:11:50

Number of readings: 40

Reading #		+0	+1	+2	+3	+4
1	=	.61	.57	.90	.51	.67
6	=	.74	.58	.62	.7	.55
11	=	.76	.54	.84	.8	.6
16	=	.6	.71	.53	.82	.88
21	=	.62	.54	.93	.59	.62
26	=	.59	.61	.77	.75	.64
31	=	.44	.49	.78	.97	.42
36	=	.63	.76	.59	.69	.48



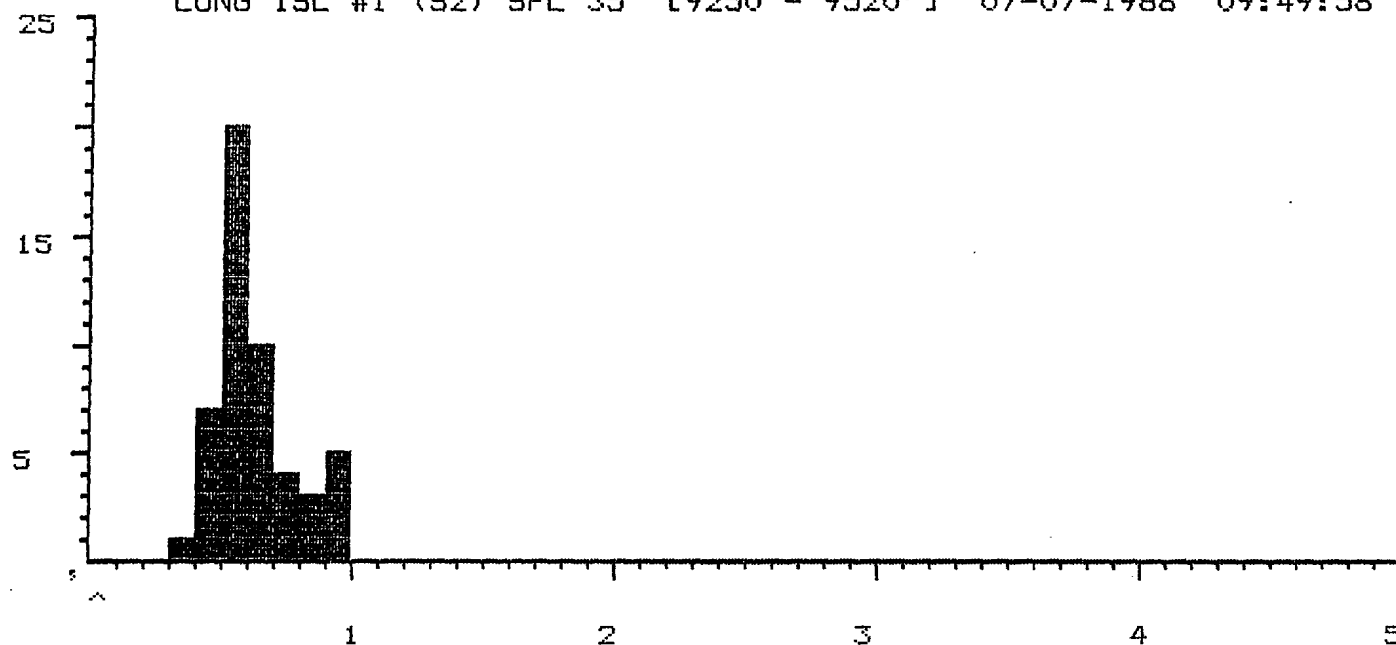
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	53	0.66	0.61	0.15

Filename	Title
LNGLSL33	LONG ISL #1 (S2) SPL 33 [8710 - 8980']

Date	Time
07-07-1986	08:47:19

Number of readings: 53

Reading #		+0	+1	+2	+3	+4
1	=	.59	.58	.57	.72	.81
6	=	.72	.69	.77	.8	.95
11	=	.58	.95	.74	.90	.90
16	=	.69	.54	.58	.52	.73
21	=	.66	.58	.64	.52	.78
26	=	.46	.58	.57	.49	.53
31	=	.71	.59	.37	.66	.90
36	=	.44	.62	.62	.55	.41
41	=	.84	.46	.48	.64	.83
46	=	.85	.68	.53	.77	.69
51	=	.56	.89	.64		



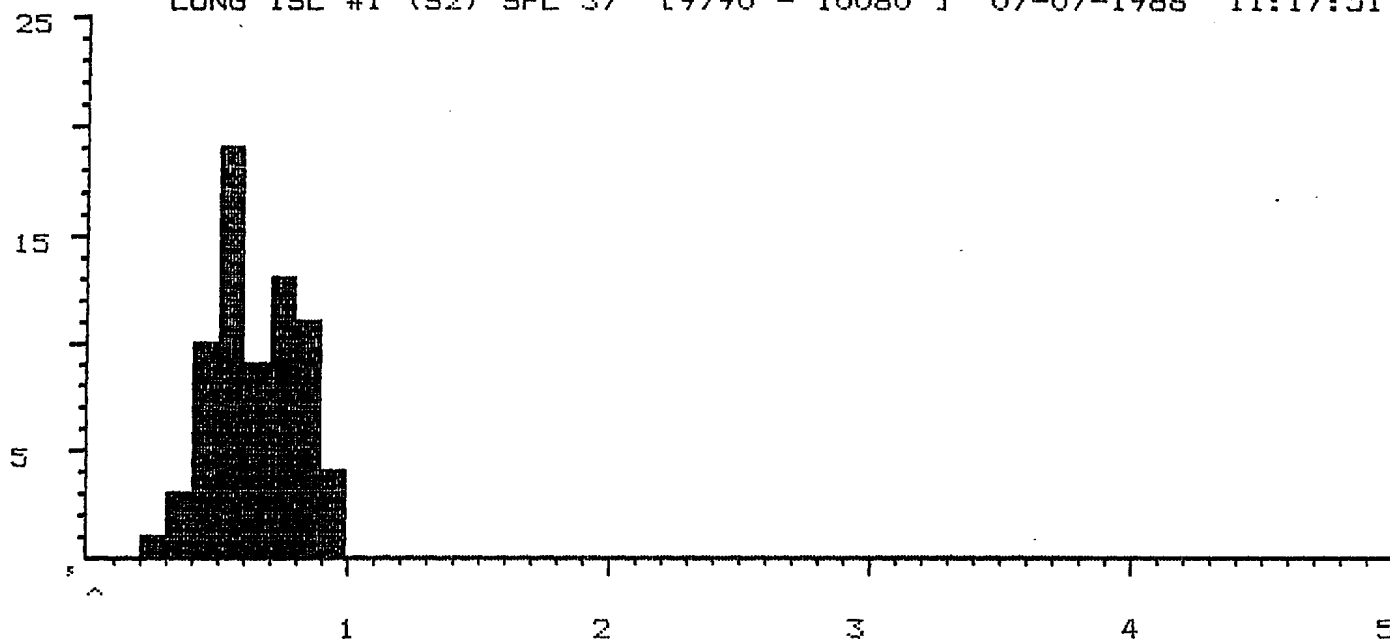
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	50	0.62	0.51	0.16

Filename	Title
LNGISL35	LONG ISL #1 (S2) SPL 35 [9250 - 9520']

Date	Time
07-07-1986	09:49:56

Number of readings: 50

Reading #	+0	+1	+2	+3	+4
1	.51	.36	.46	.54	.45
6	.55	.51	.63	.49	.41
11	.47	.5	.65	.63	.66
16	.58	.92	.84	.42	.78
21	.98	.79	.98	.58	.6
26	.5	.54	.5	.62	.5
31	.67	.53	.52	.55	.62
36	.92	.67	.54	.61	.46
41	.71	.88	.78	.54	.57
46	.83	.57	.90	.54	.54



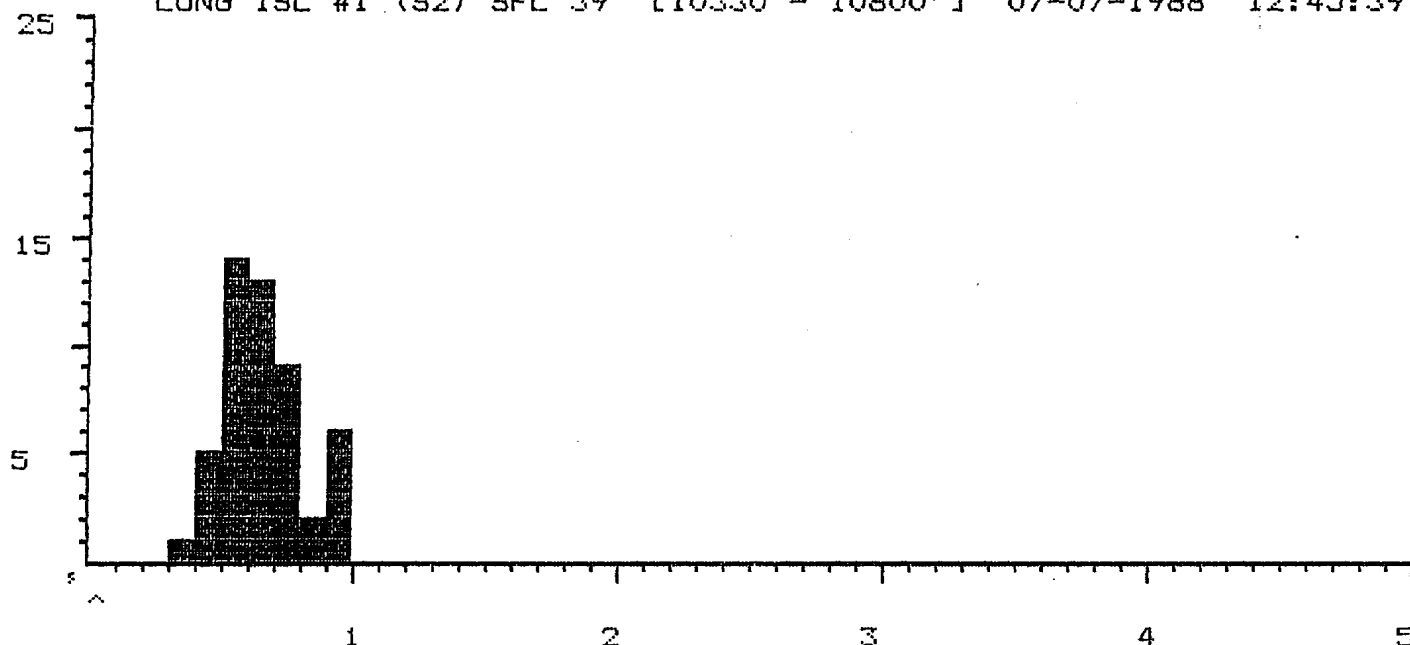
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	70	0.64	0.61	0.16

Filename	Title
LNGISL37	LONG ISL #1 (S2) SPL 37 [9790 - 10060']

Date	Time
07-07-1986	11:17:51

Number of readings: 70

Reading #		+0	+1	+2	+3	+4
1	=	.5	.6	.47	.45	.99
6	=	.54	.39	.57	.67	.84
11	=	.59	.52	.5	.49	.48
16	=	.74	.53	.5	.25	.52
21	=	.7	.98	.55	.58	.39
26	=	.49	.51	.76	.56	.6
31	=	.61	.86	.8	.48	.71
36	=	.53	.85	.54	.5	.49
41	=	.56	.51	.73	.62	.86
46	=	.58	.62	.79	.81	.82
51	=	.69	.63	.97	.44	.72
56	=	.84	.48	.48	.37	.7
61	=	.88	.92	.78	.83	.81
66	=	.72	.65	.78	.73	.75



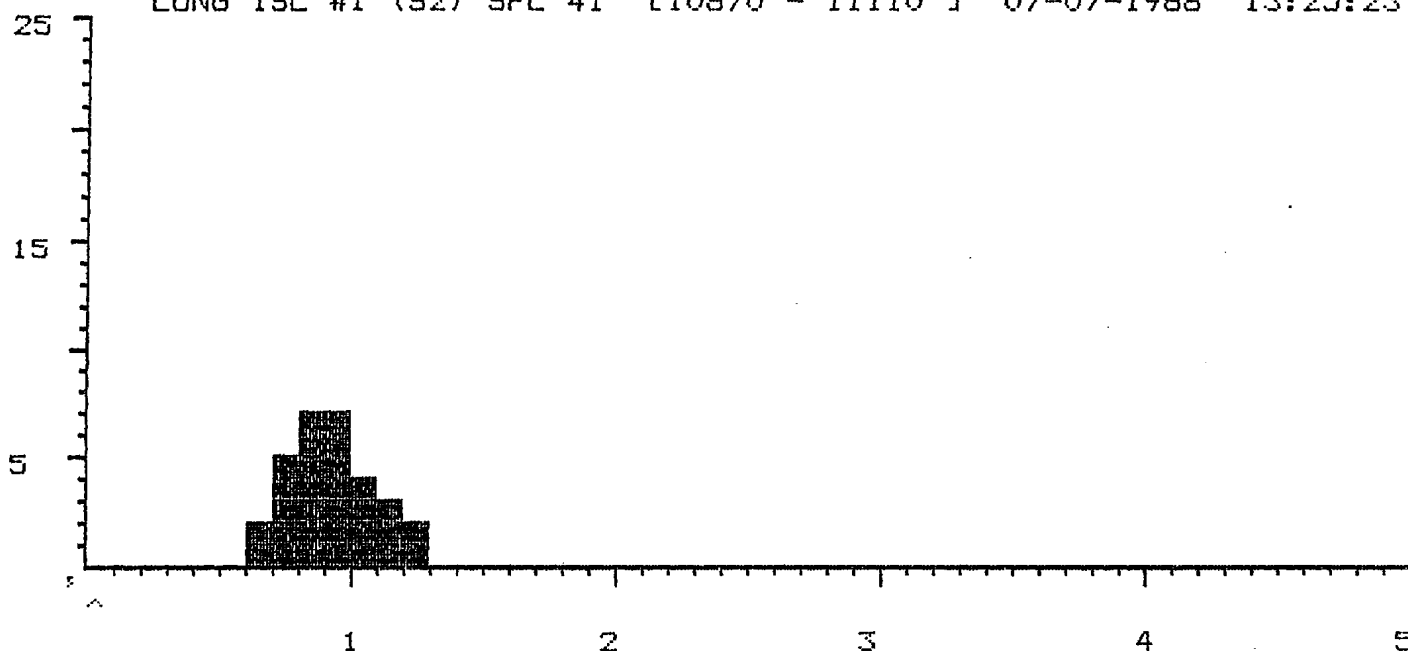
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	50	0.65	0.61	0.15

Filename	Title
LNGISL39	LONG ISL #1 (S2) SPL 39 [10330 - 10600']

Date	Time
07-07-1986	12:45:39

Number of readings: 50

Reading #	+0	+1	+2	+3	+4
1	.64	.66	.54	.89	.54
6	.62	.7	.92	.74	.52
11	.99	.6	.91	.56	.64
16	.52	.96	.45	.78	.55
21	.75	.58	.83	.91	.62
26	.57	.55	.75	.55	.4
31	.49	.78	.67	.72	.68
36	.64	.35	.7	.65	.90
41	.52	.72	.4	.53	.6
46	.54	.49	.55	.64	.61



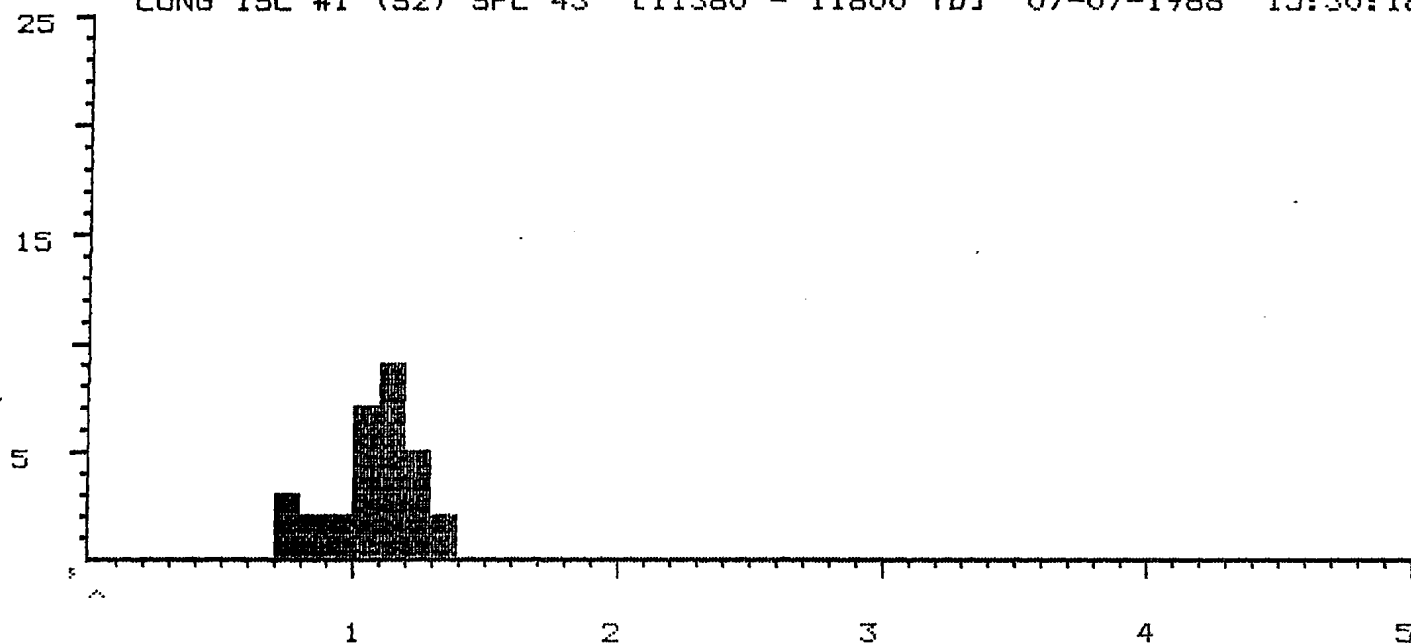
GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	30	0.92	0.91	0.16

Filename	Title
LNGISL41	LONG ISL #1 (S2) SPL 41 [10870 - 11110']

Date	Time
07-07-1986	13:25:23

Number of readings: 30

Reading #		+0	+1	+2	+3	+4
1	=	.71	1.24	.91	.95	1.03
6	=	1.16	.89	.85	.76	.87
11	=	1.1	.85	.86	.62	.79
16	=	.97	.90	.76	.74	.98
21	=	1.04	.81	1.13	.68	.92
26	=	.83	1.2	1.05	1.08	.91



GROUP	SYMBOL	L.LIMIT	U.LIMIT	NO.POINTS	AVERAGE	MEDIAN	STAND.DEV
1	^	0.0	10.0	30	1.07	1.11	0.17

Filename Title

 LNGISL43 LONG ISL #1 (S2) SPL 43 [11380 - 11600'TD]

Date Time

 07-07-1986 15:30:16

Number of readings: 30

Reading #		+0	+1	+2	+3	+4
1	=	.84	1.03	1.12	1.17	1.01
6	=	1.11	.78	1.05	1.04	1.13
11	=	1.19	1.34	1.26	1.21	.91
16	=	1	.73	1.06	.92	.79
21	=	1.22	1.15	1.22	1.38	1.08
26	=	.83	1.1	1.1	1.24	1.13