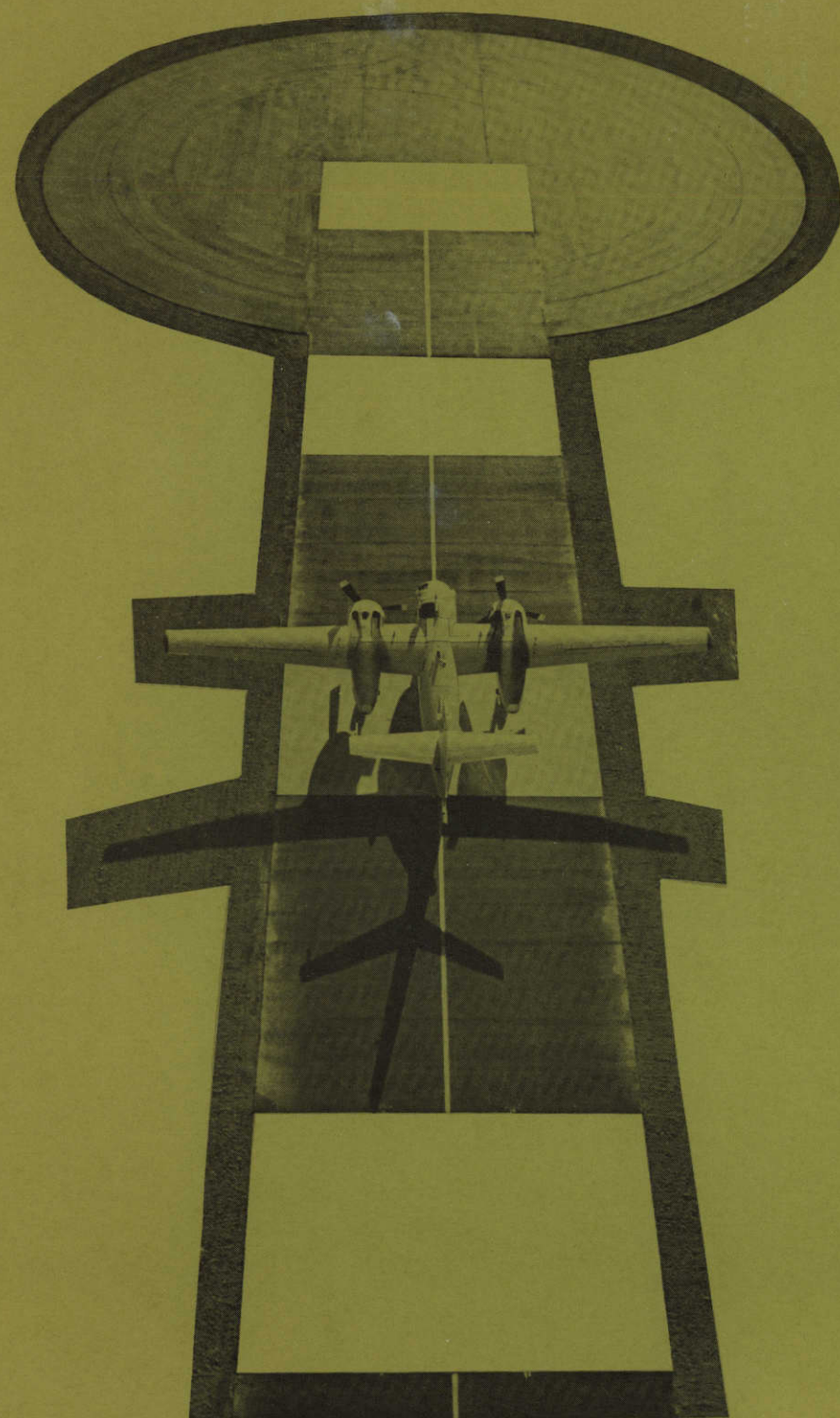



Geology
GJBX (78)-20
-LOGS

GJBX - 20 (78)

AERIAL GAMMA RAY AND MAGNETIC SURVEY
LINCOLN QUADRANGLE, NEBRASKA

FINAL REPORT
VOLUME II



Prepared by:
 **geoMetrics**
Sunnyvale, California
November 1977

Work Performed Under
Bendix Field Engineering Corporation
Grand Junction Operations, Grand Junction, Colorado
Subcontract 76-033-L
and
Bendix Contract EY-76-C-13-1664

Prepared for the
Department of Energy
Grand Junction Office
Grand Junction, Colorado 81501

metadc958246

DISCLAIMER STATEMENT

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LINCOLN



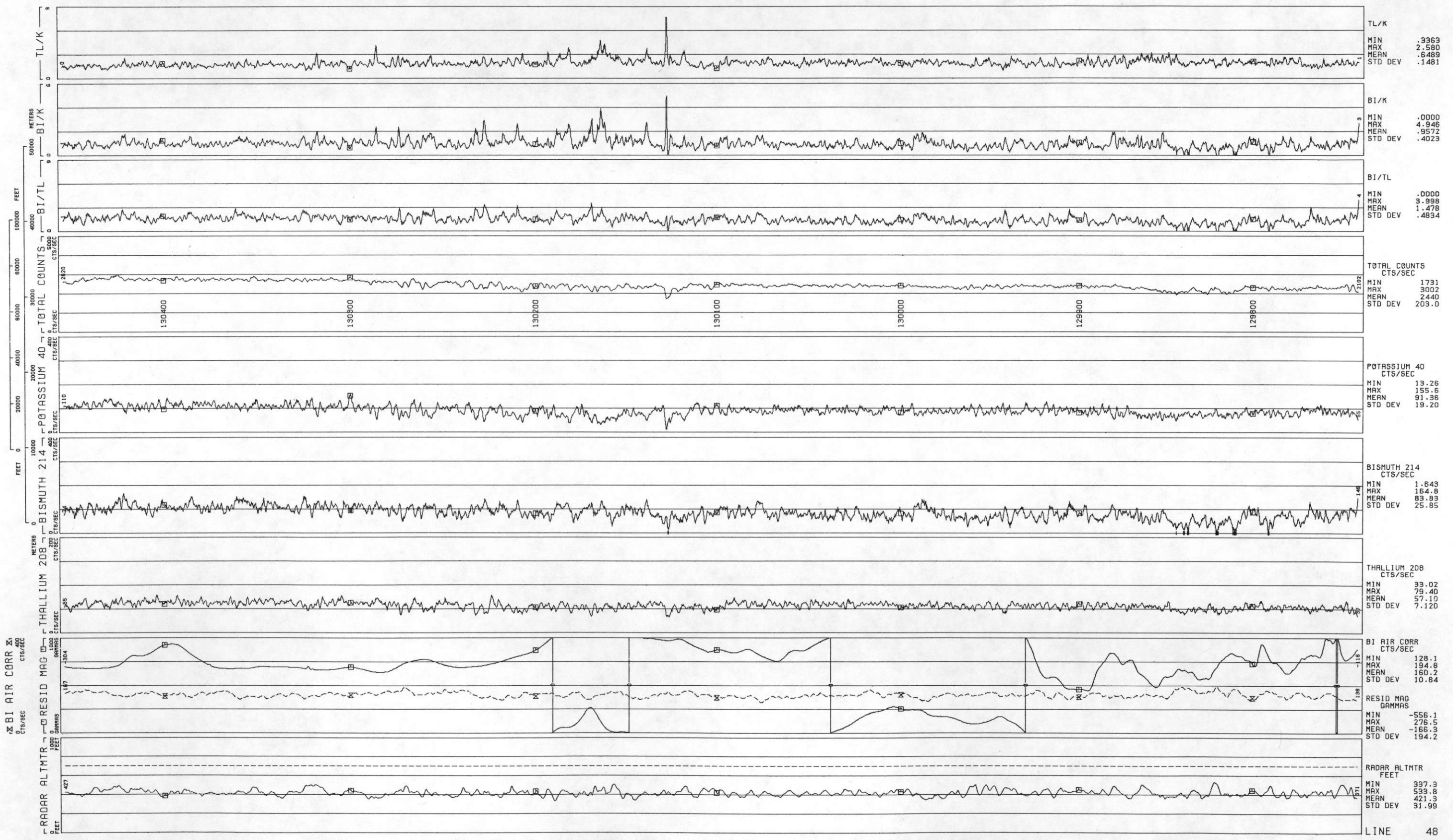
SURVEY AND
COMPILATION BY:
geoMetrics

FLIGHT LINE SPACING 3.125 MILE(S)
FLIGHT ALTITUDE 400 FEET AMT
FLOWN AND COMPILED 1977

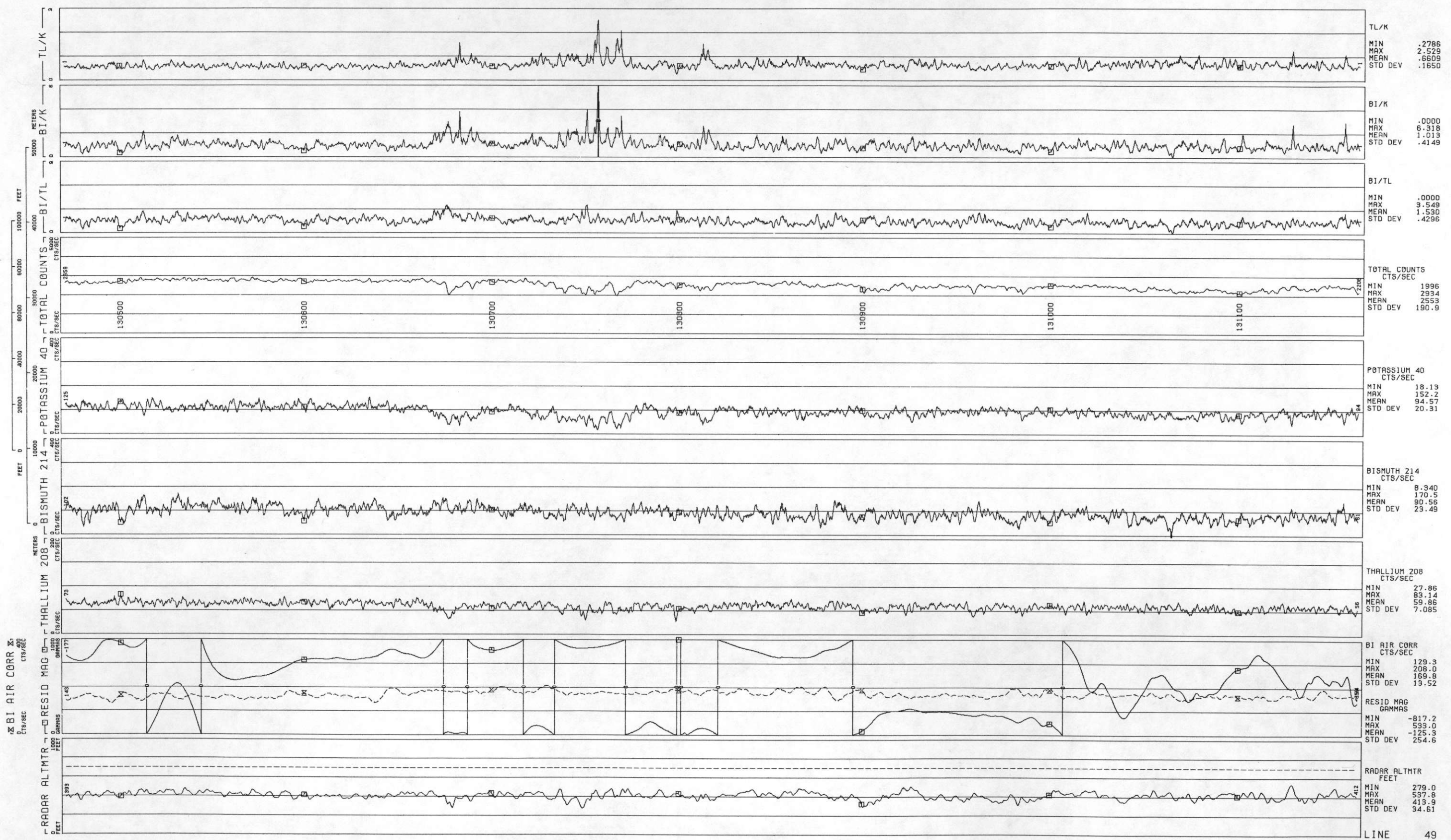
NK 14-7 SANDY HILL OKLAHOMA	NK 14-8 SANDY HILL OKLAHOMA	FRENCH OKLAHOMA	NK 15-7 SANDY HILL OKLAHOMA	OKLAHOMA OKLAHOMA
NK 14-10 SANDY HILL OKLAHOMA	NK 14-11 SANDY HILL OKLAHOMA	NK 14-12 SANDY HILL OKLAHOMA	NK 15-10 SANDY HILL OKLAHOMA	NK 15-11 SANDY HILL OKLAHOMA
NJ 14-1 KANSAS	NJ 14-2 KANSAS	NJ 14-3 KANSAS	NJ 15-1 MISSOURI	NJ 15-2 MISSOURI
MOORE CITY OKLAHOMA	NJ 14-4 KANSAS	NJ 14-5 KANSAS	NJ 15-4 MISSOURI	NJ 15-5 MISSOURI
MOORE CITY OKLAHOMA	NJ 14-7 KANSAS	NJ 14-8 KANSAS	NJ 15-7 MISSOURI	NJ 15-8 MISSOURI

FLIGHT PATH RECOVERY
EAST SALINA BASIN AREA
U. S. DEPARTMENT OF ENERGY

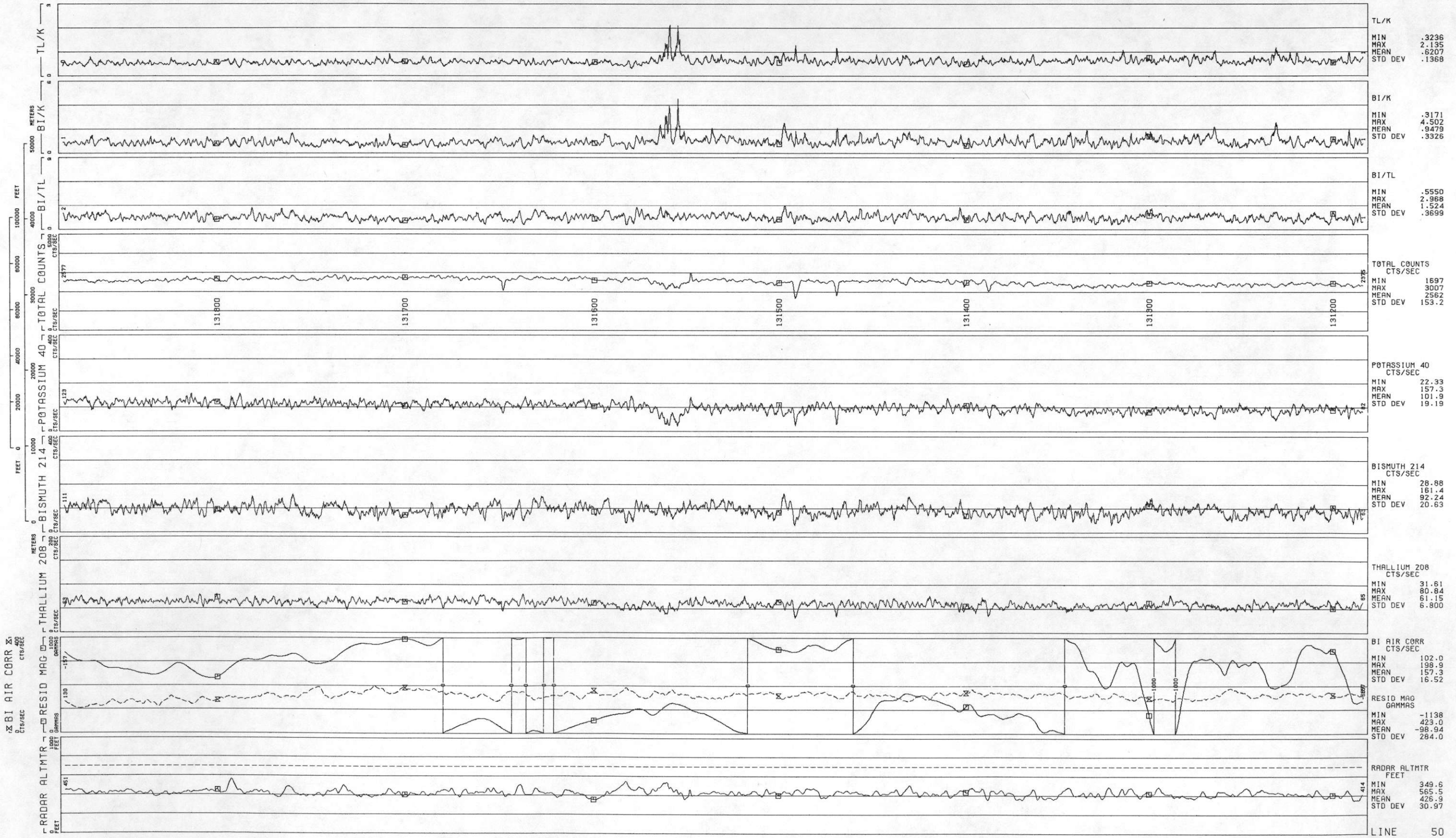
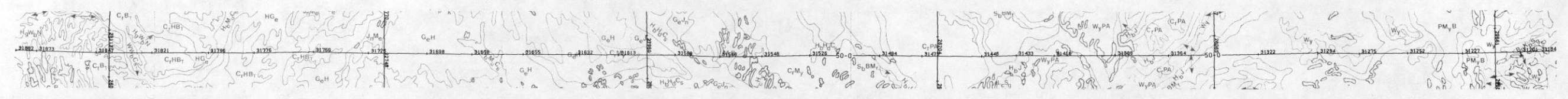
LINE 48
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS



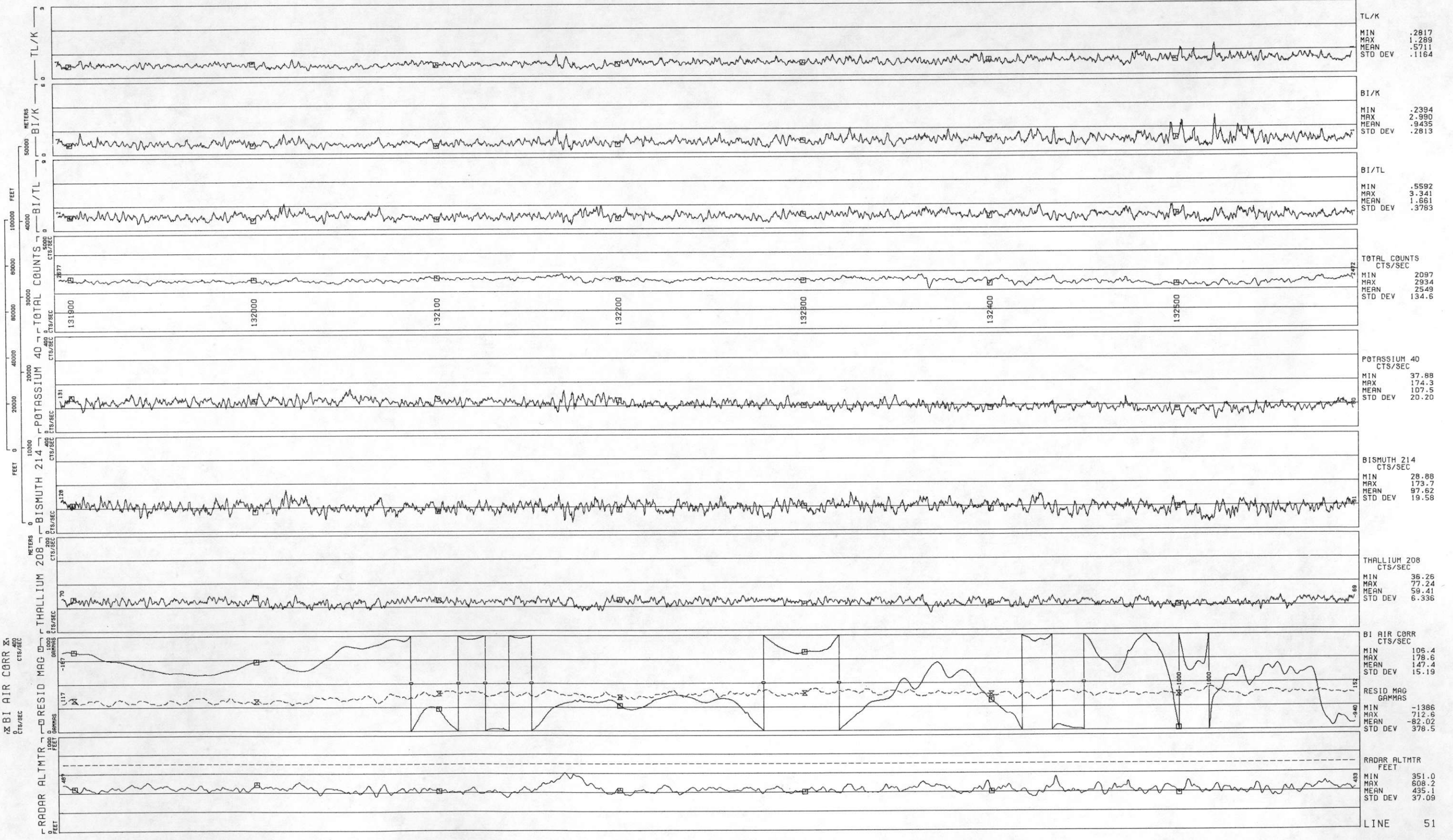
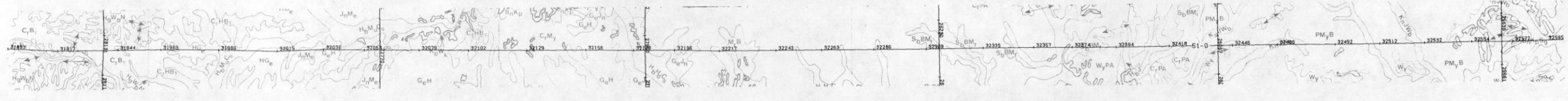
LINE 49
EAST SALINA BASIN - LINCOLN - NTMS - NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976



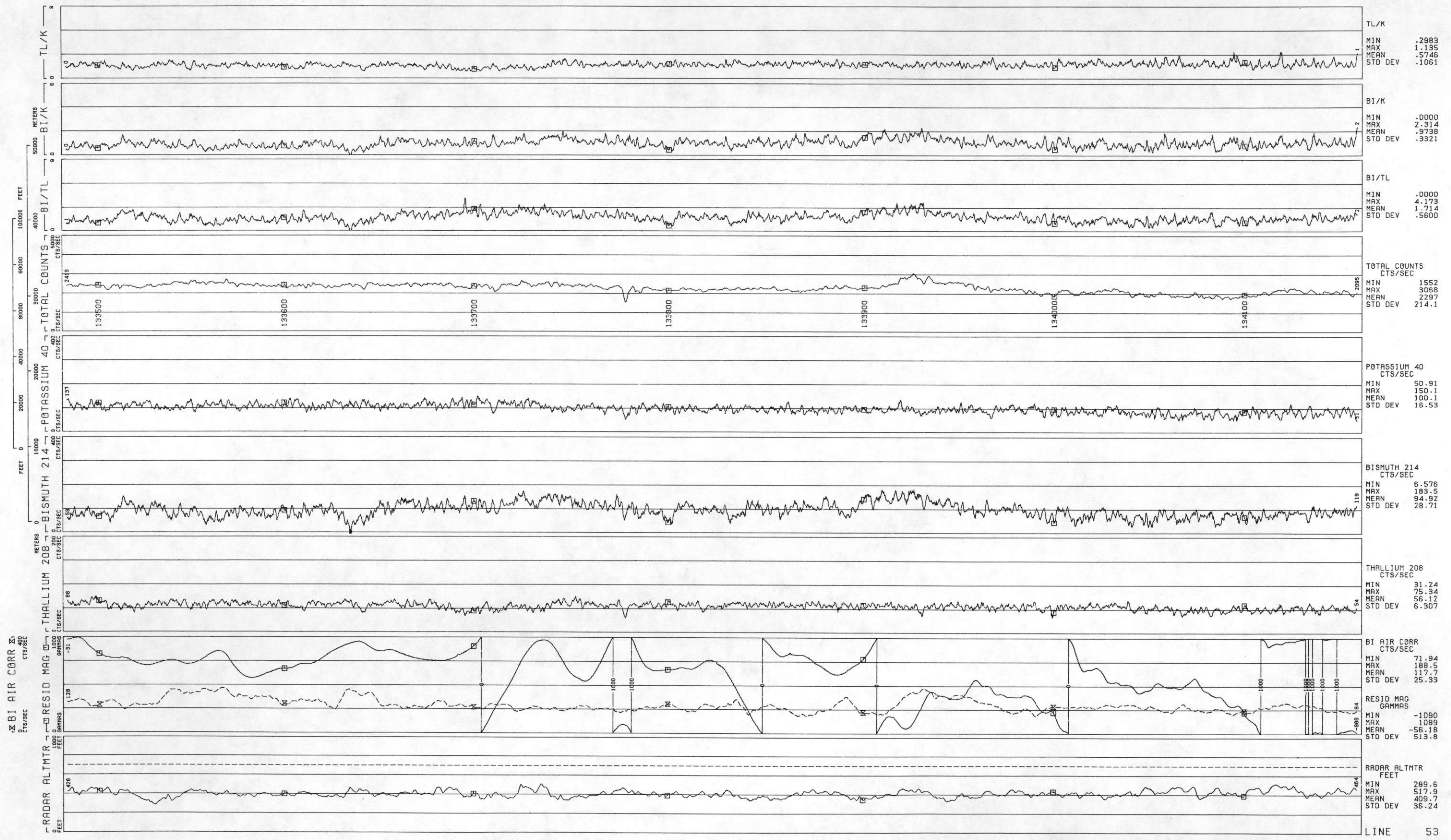
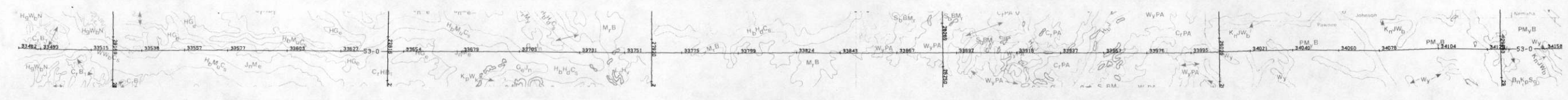
LINE 50
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976



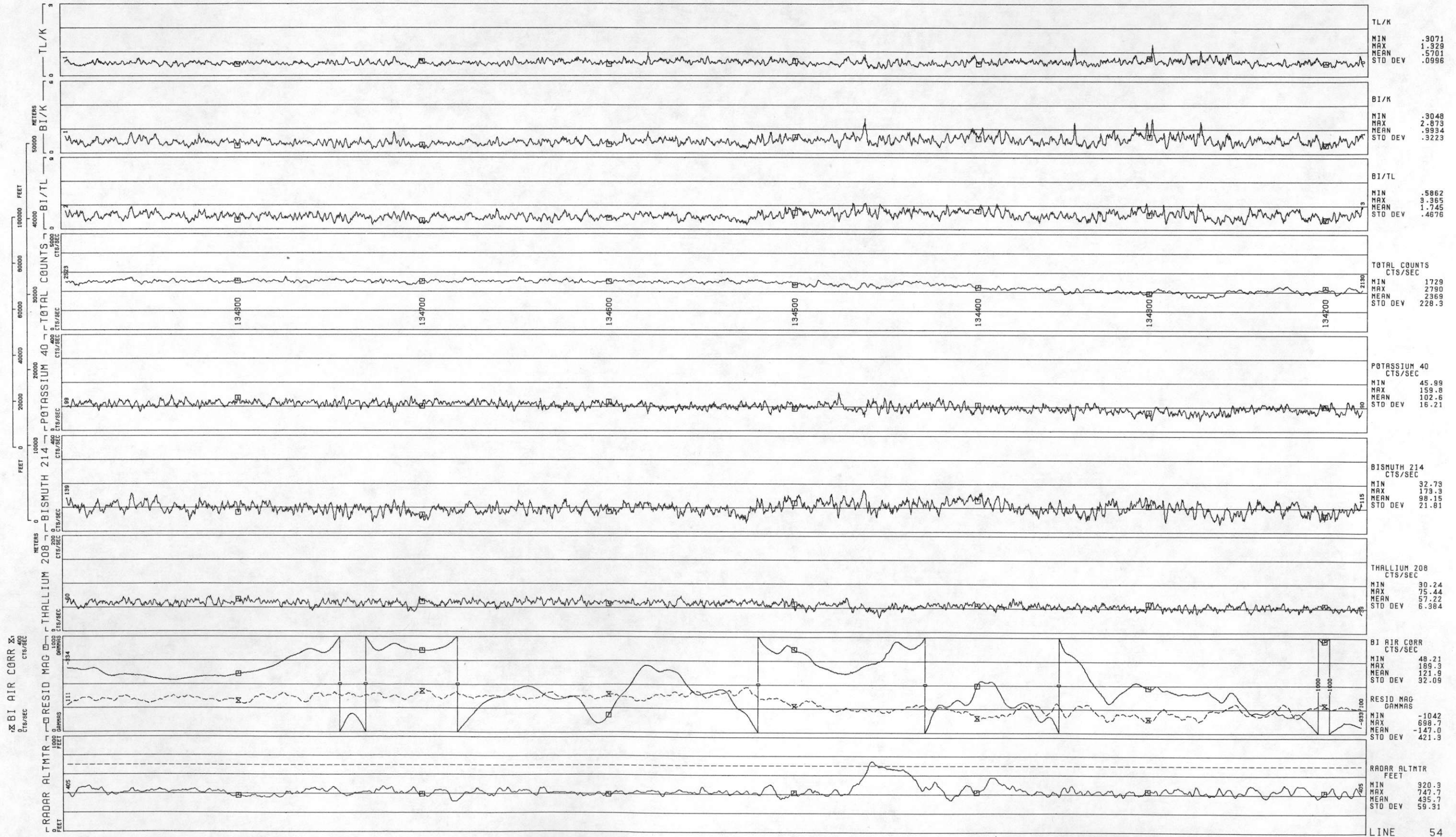
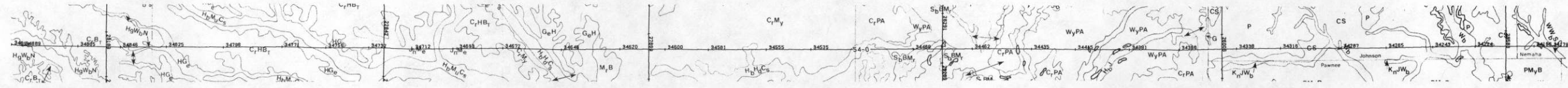
LINE 51
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976



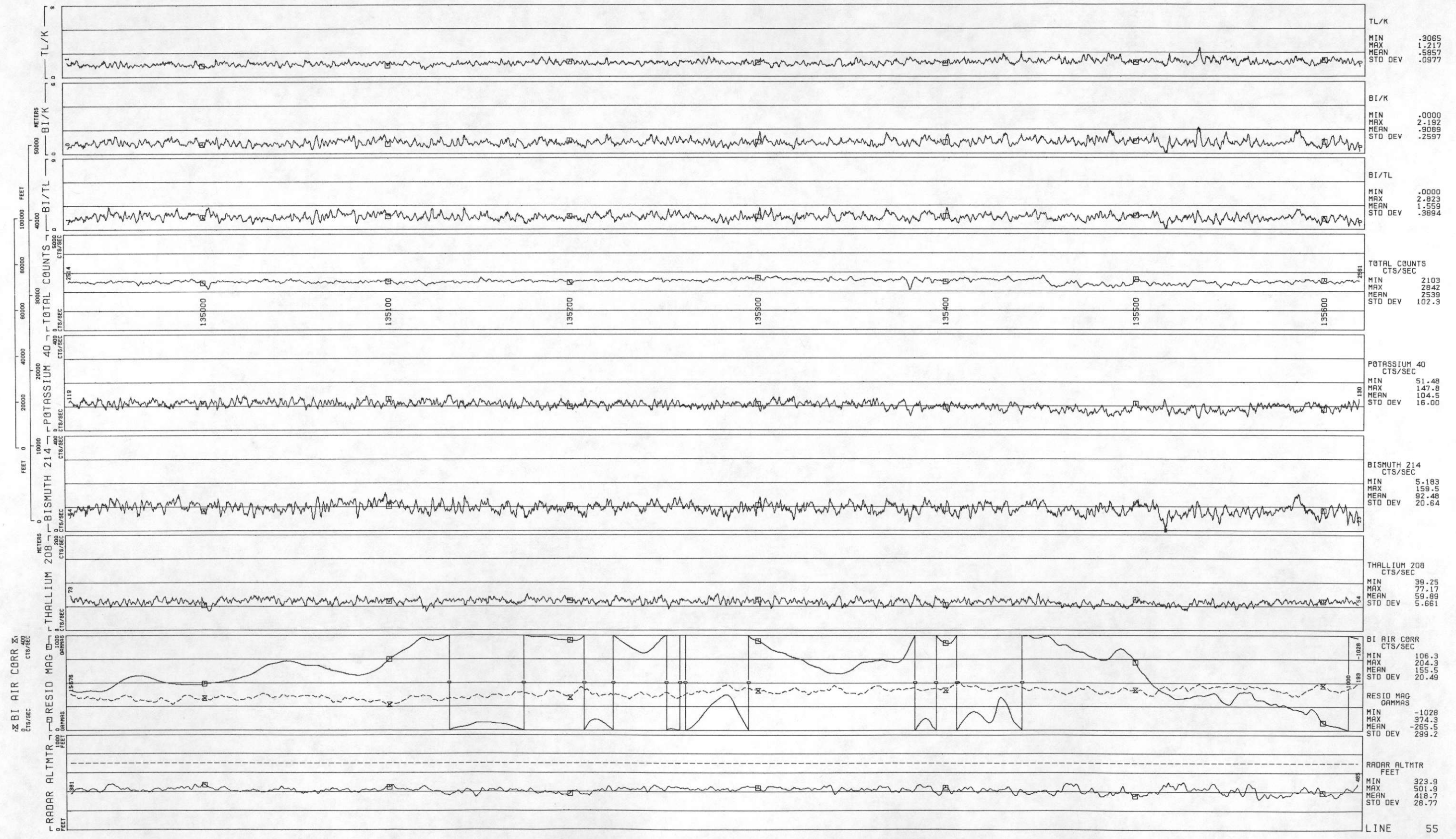
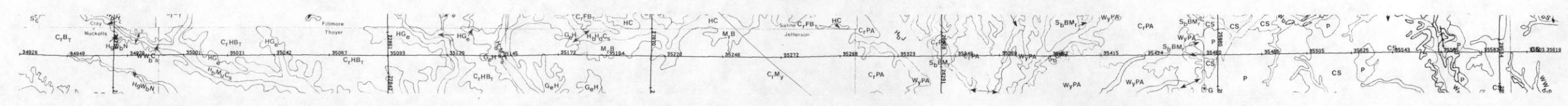
53 LINE EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS DATA ACQUIRED 1976



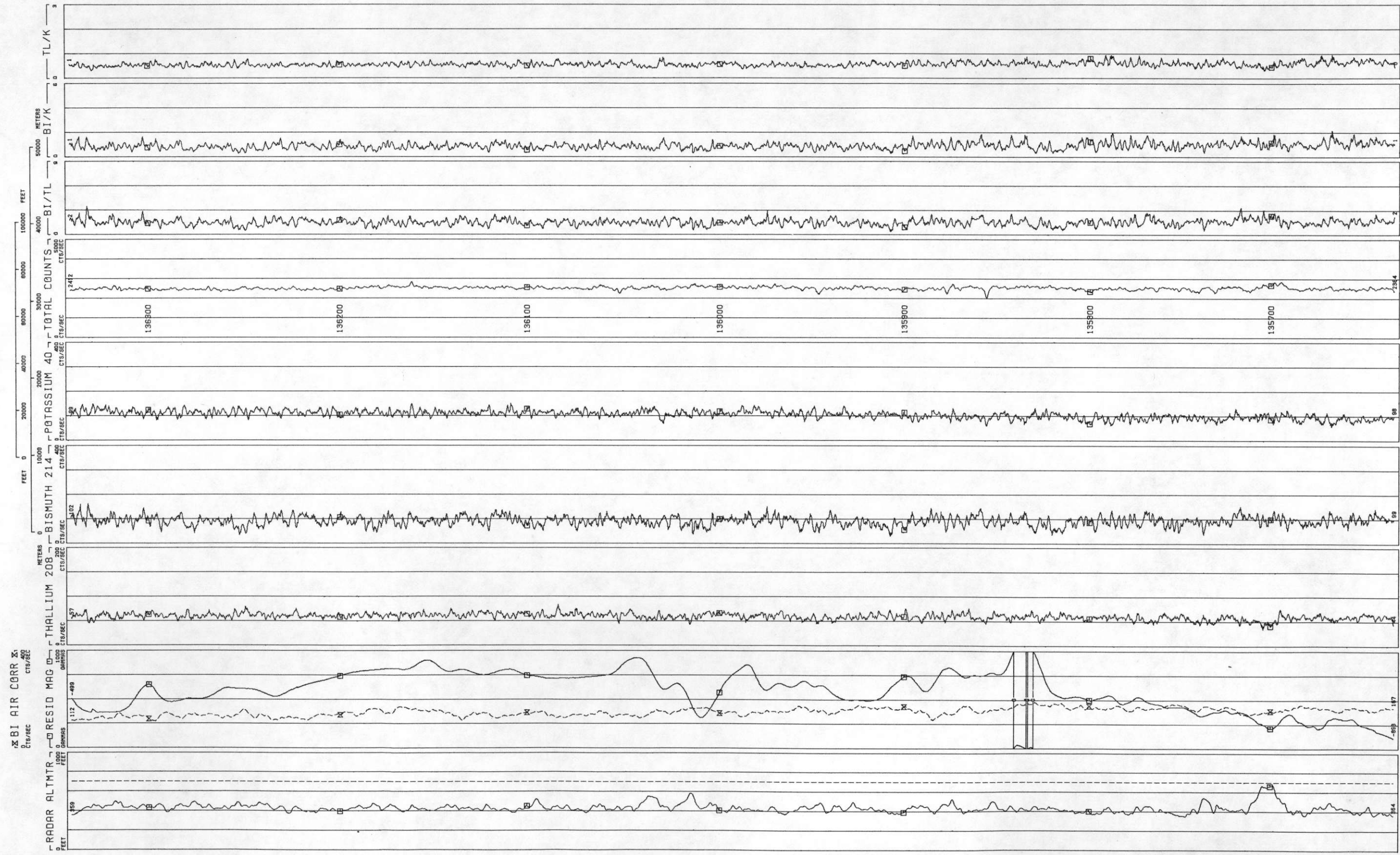
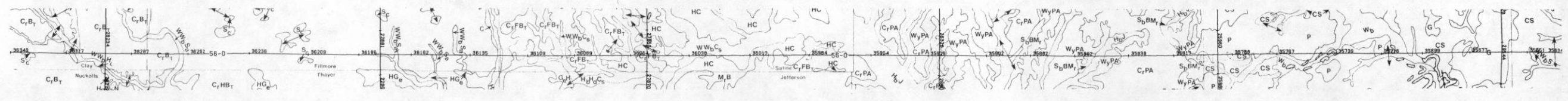
LINE 54 EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS DATA ACQUIRED 1976



55
LINE 55
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976

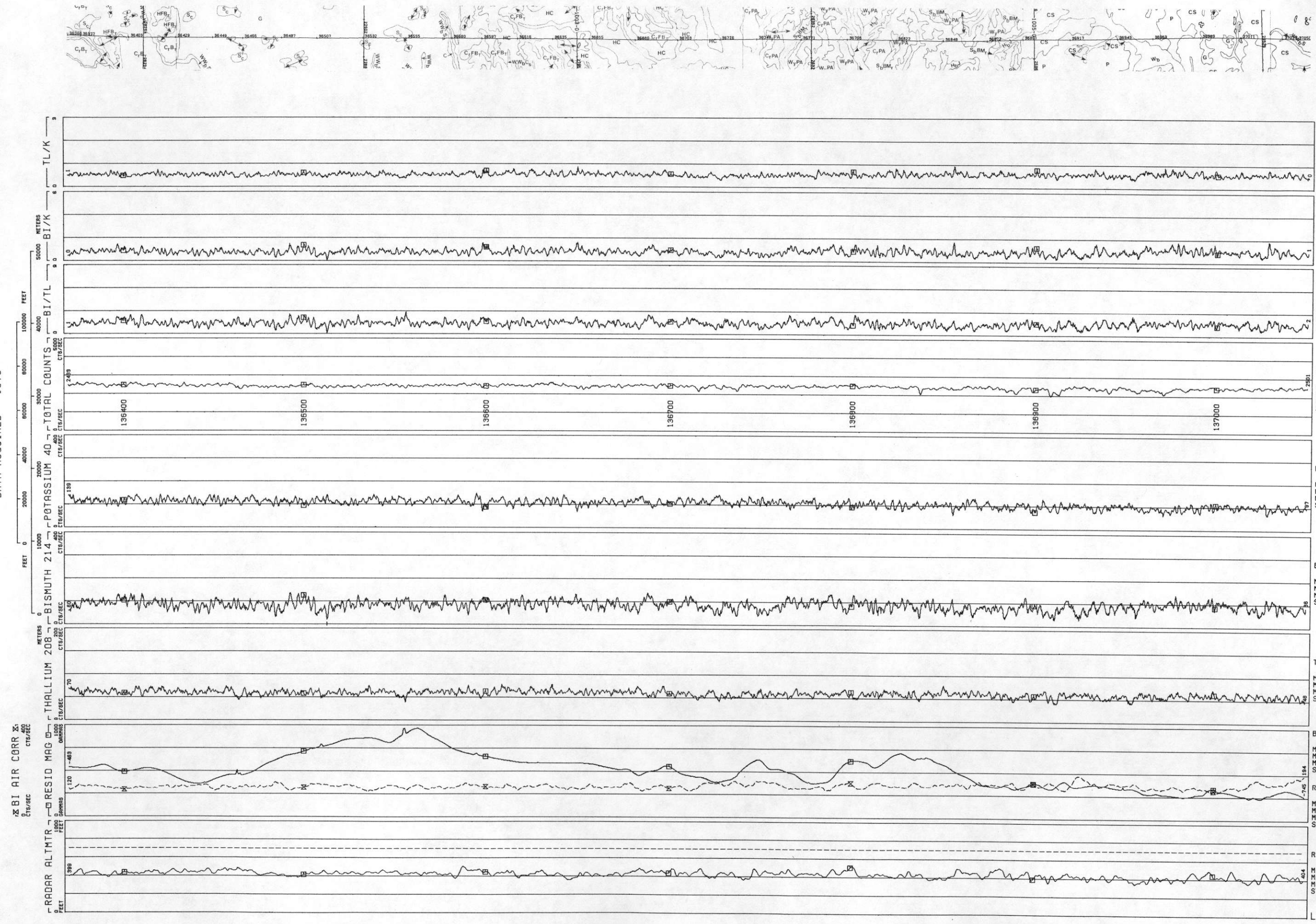


LINE 56
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976

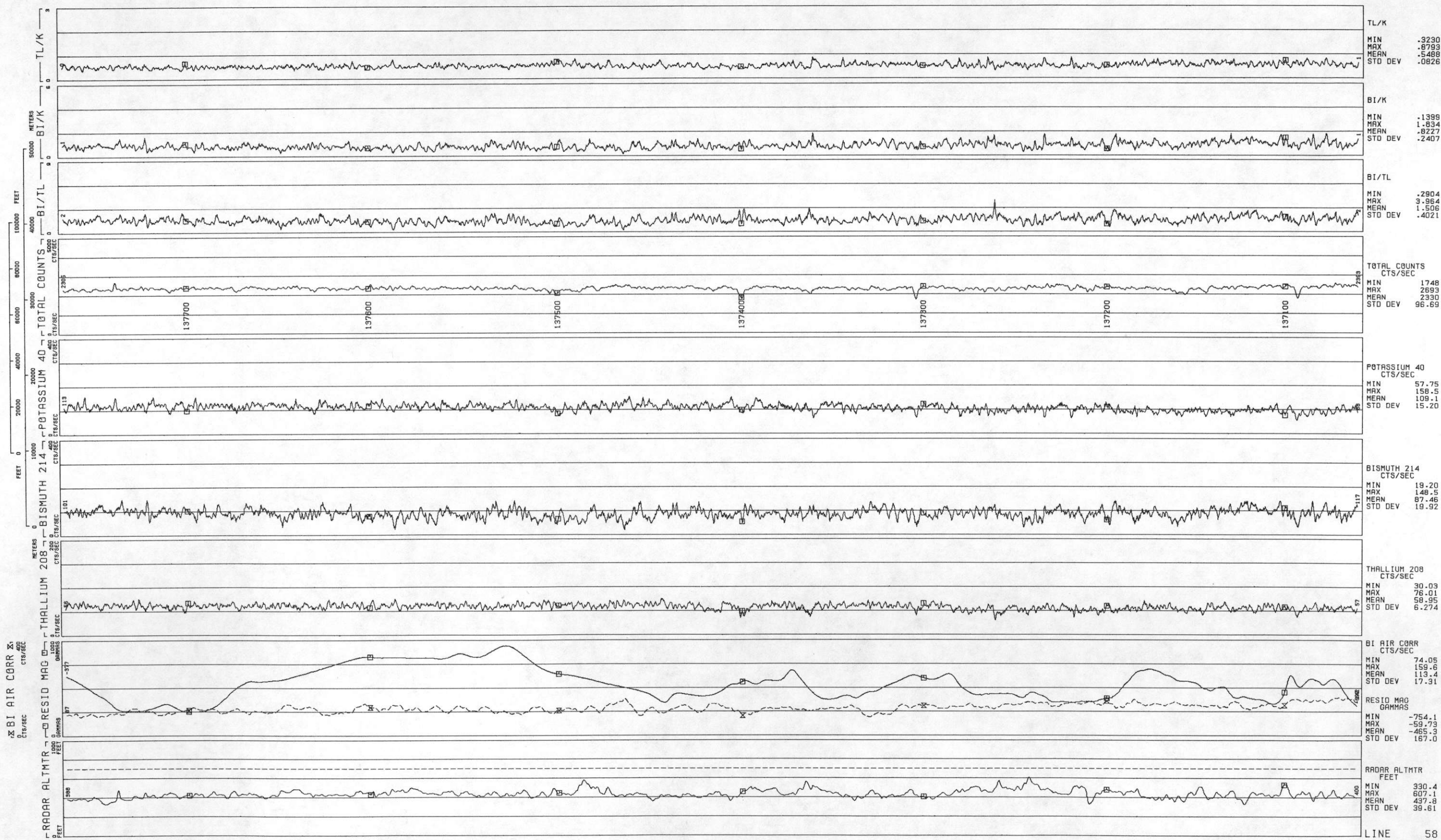
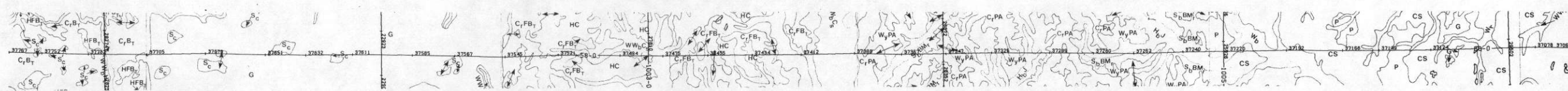


TL/K	MIN	-.9117
	MAX	-.9789
	MEAN	-.5757
	STD DEV	-.0909
BI/K	MIN	-.2416
	MAX	2.159
	MEAN	-.8839
	STD DEV	-.2667
BI/TL	MIN	.4089
	MAX	3.513
	MEAN	1.537
	STD DEV	-.3993
TOTAL COUNTS	MIN	2045
CTS/SEC	MAX	2866
	MEAN	2527
	STD DEV	80.28
POTASSIUM 40	MIN	58.34
CTS/SEC	MAX	151.1
	MEAN	106.2
	STD DEV	14.93
BISMUTH 214	MIN	29.87
CTS/SEC	MAX	161.7
	MEAN	90.91
	STD DEV	19.47
THALLIUM 208	MIN	35.76
CTS/SEC	MAX	83.20
	MEAN	60.05
	STD DEV	5.708
BI AIR CORR	MIN	107.3
CTS/SEC	MAX	190.7
	MEAN	149.1
	STD DEV	18.23
RESID MAG	MIN	-893.4
GAMMAS	MAX	35.01
	MEAN	-408.9
	STD DEV	193.7
RADAR ALTMTR	MIN	352.0
FEET	MAX	675.1
	MEAN	433.6
	STD DEV	43.17

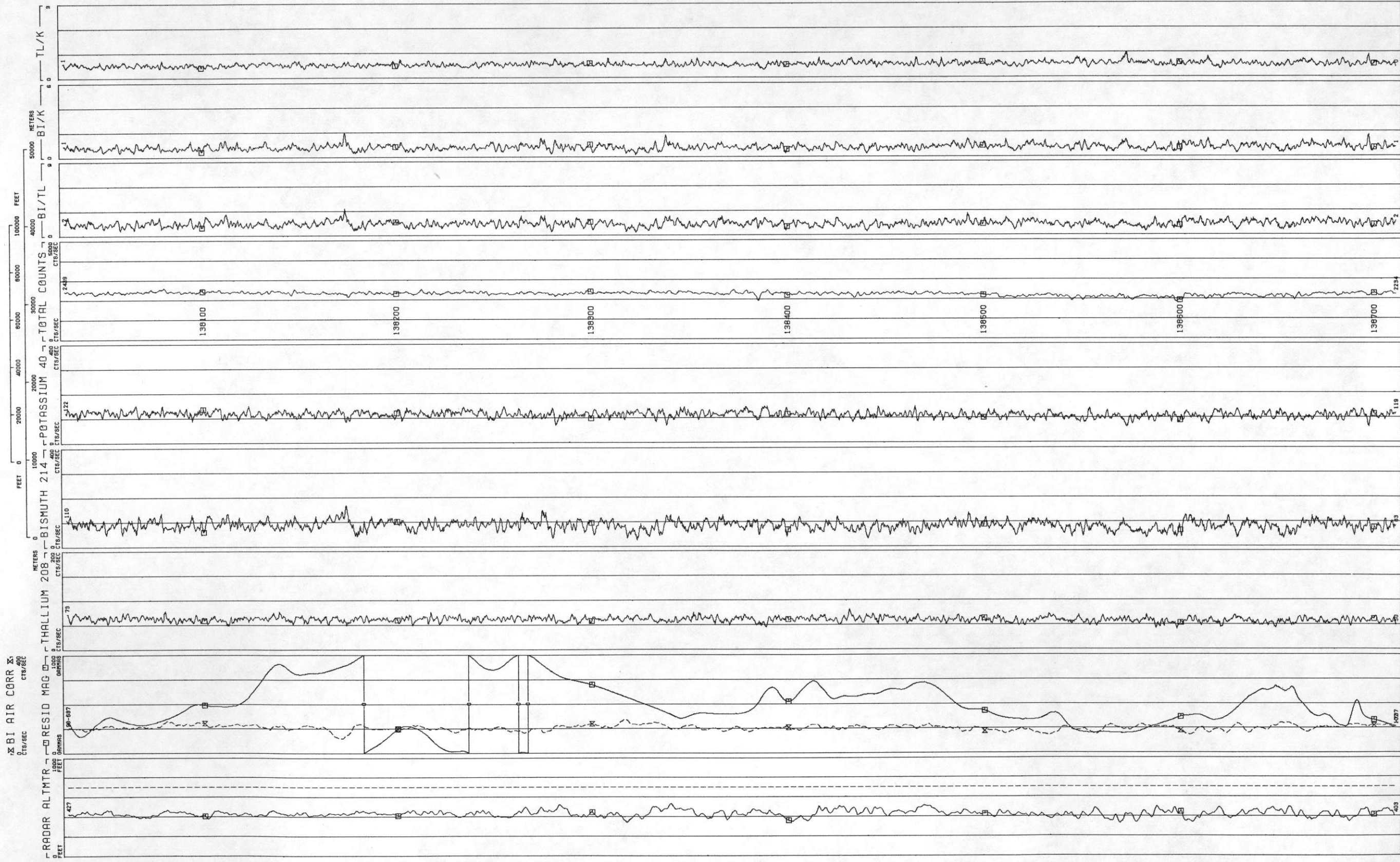
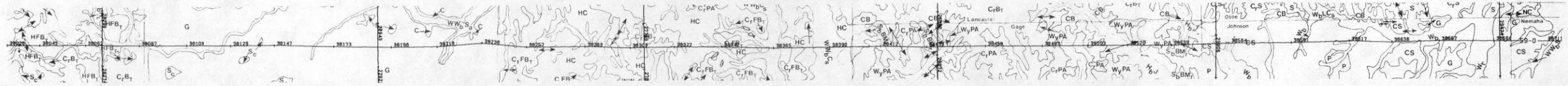
LINE 57
EAST SALINA BASIN - LINCOLN - NTMS, NK 14-12 - GEOMETRICS



LINE 58
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976

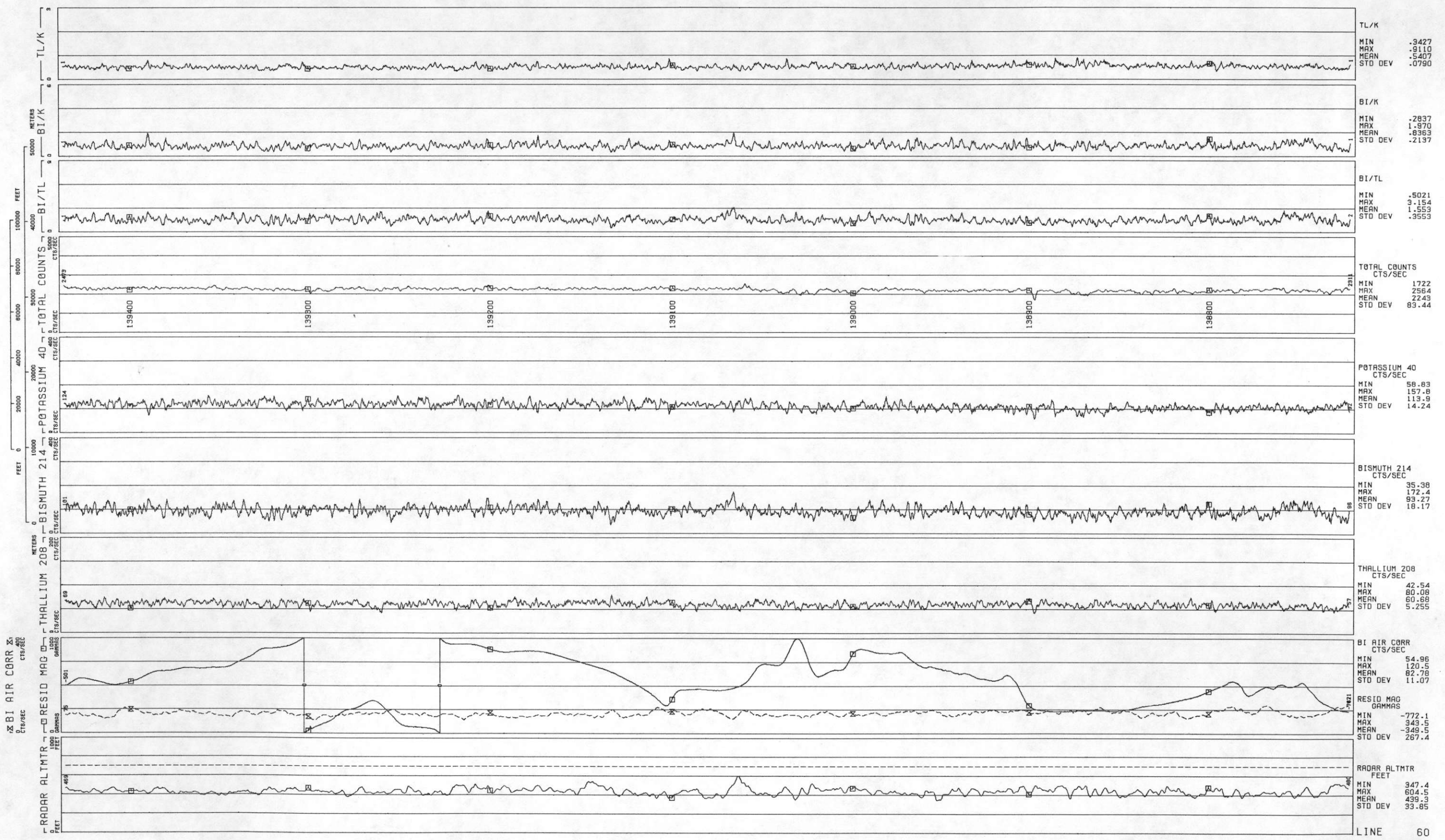
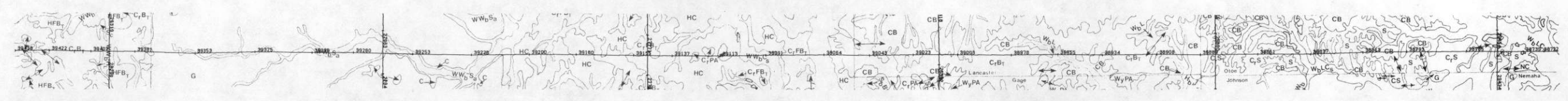


LINE 59
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976

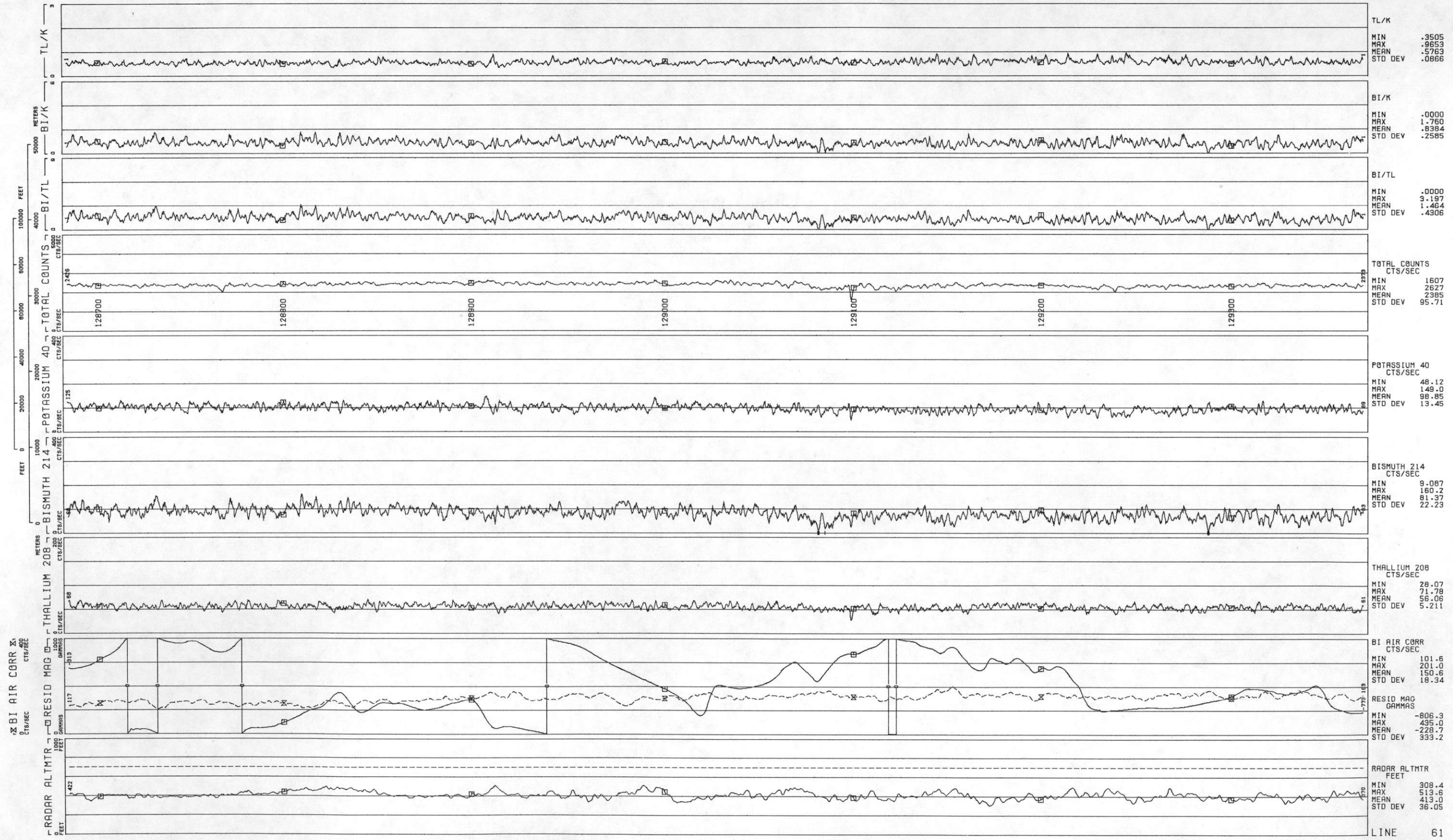
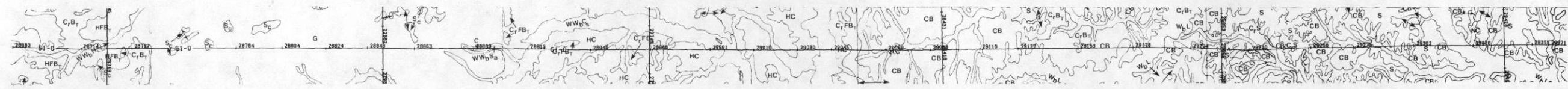


TL/K	MIN	.3211
	MAX	.9979
	MEAN	.5424
	STD DEV	.0741
BI/K	MIN	.1883
	MAX	1.930
	MEAN	.7563
	STD DEV	.2123
BI/TL	MIN	.3631
	MAX	3.353
	MEAN	1.397
	STD DEV	.3524
TOTAL COUNTS CTS/SEC	MIN	1856
	MAX	2602
	MEAN	2287
	STD DEV	115.2
POTASSIUM 40 CTS/SEC	MIN	63.21
	MAX	153.9
	MEAN	113.6
	STD DEV	13.43
BISMUTH 214 CTS/SEC	MIN	24.94
	MAX	167.2
	MEAN	84.20
	STD DEV	19.02
THALLIUM 208 CTS/SEC	MIN	40.59
	MAX	81.44
	MEAN	60.87
	STD DEV	5.409
BI AIR CORR CTS/SEC	MIN	58.10
	MAX	135.3
	MEAN	100.9
	STD DEV	11.44
RESID MAG GAMMAS	MIN	-834.4
	MAX	274.4
	MEAN	-435.3
	STD DEV	263.6
RADAR ALTMTR FEET	MIN	392.2
	MAX	532.1
	MEAN	431.6
	STD DEV	32.37
LINE		59

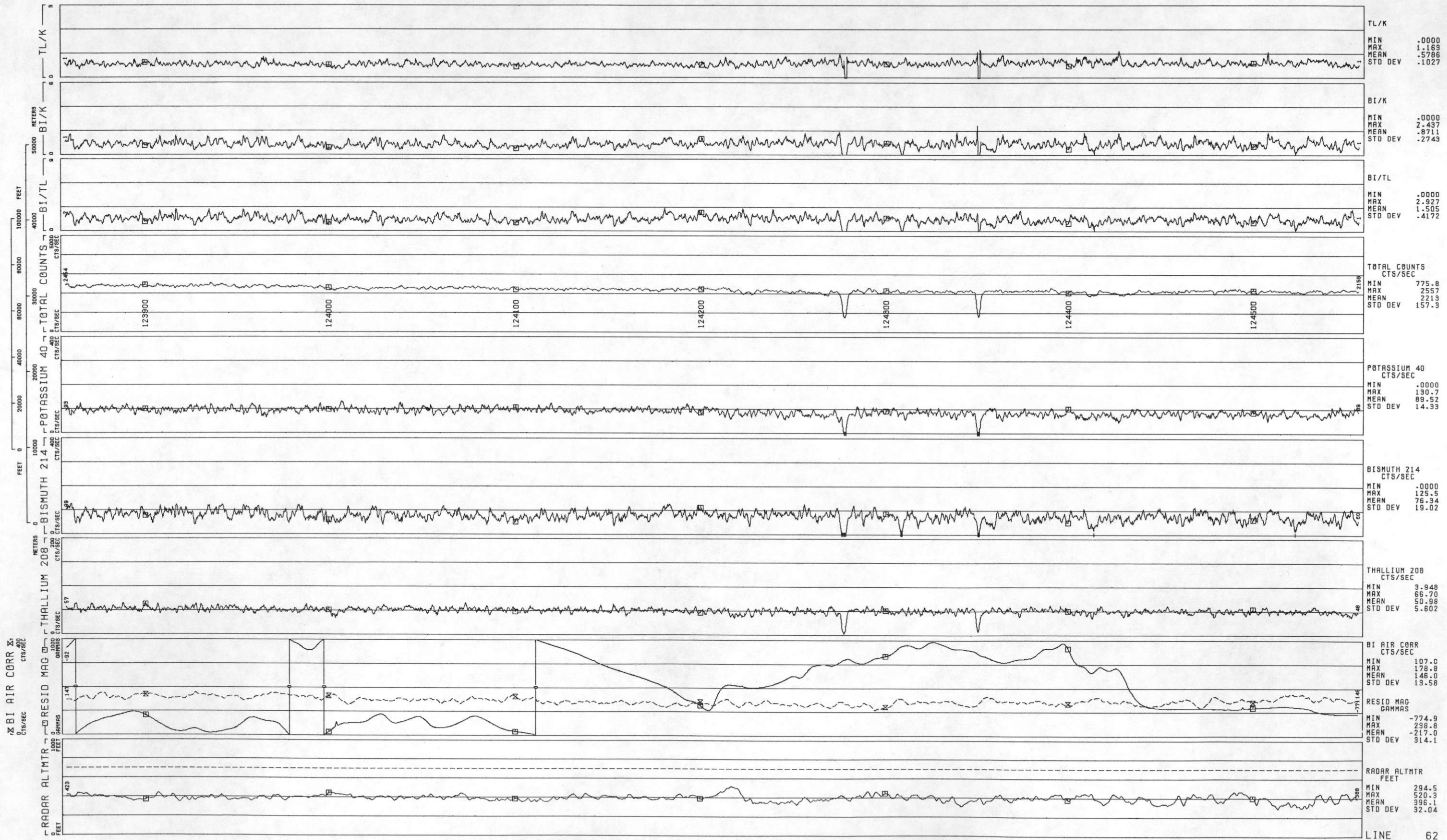
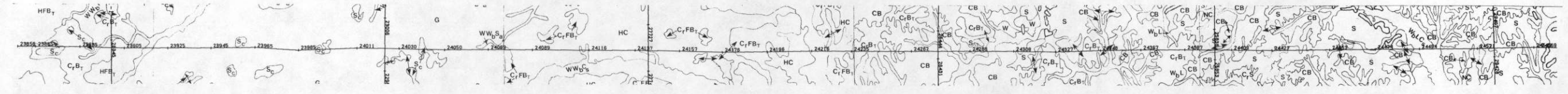
LINE 60
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976



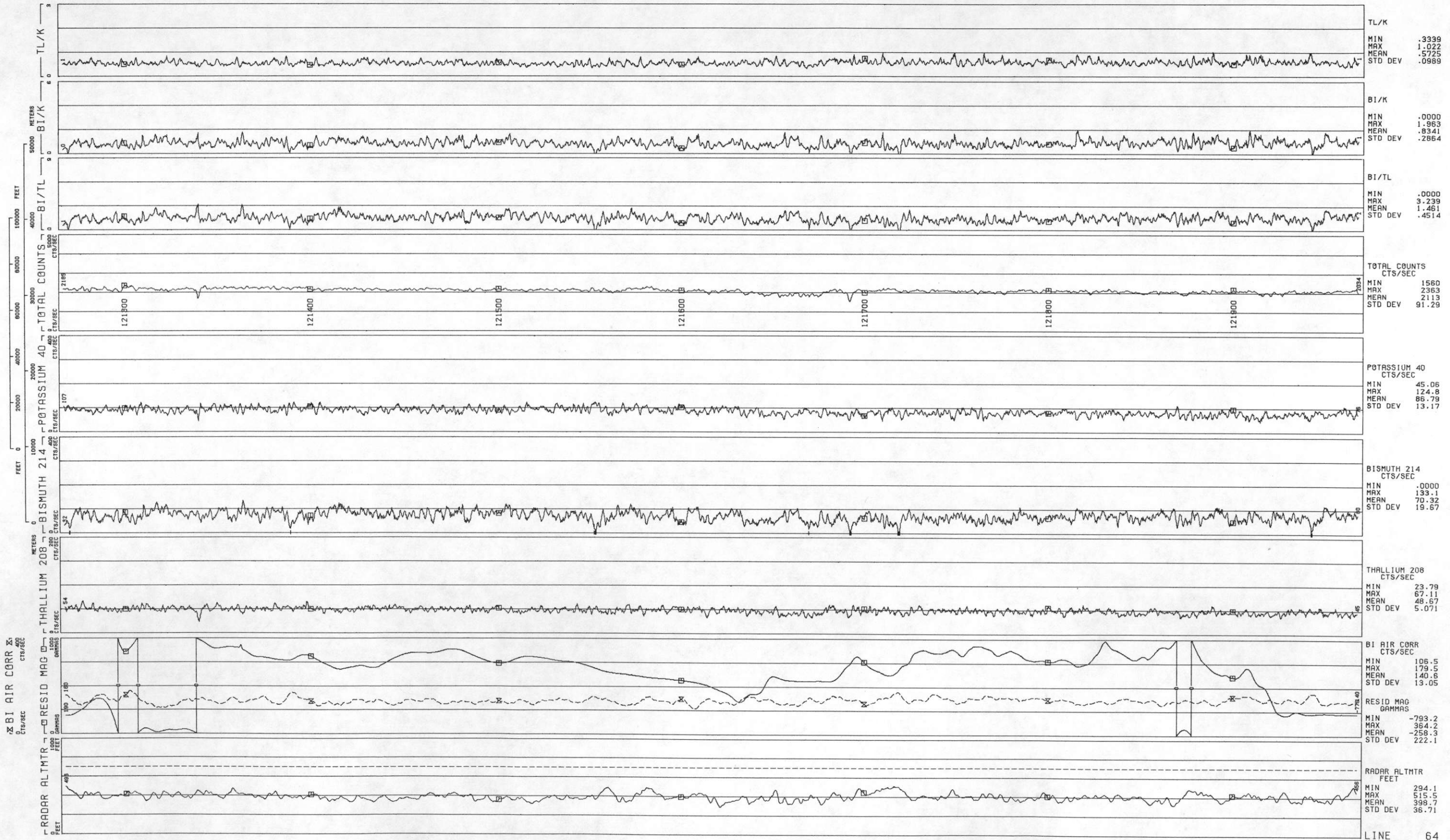
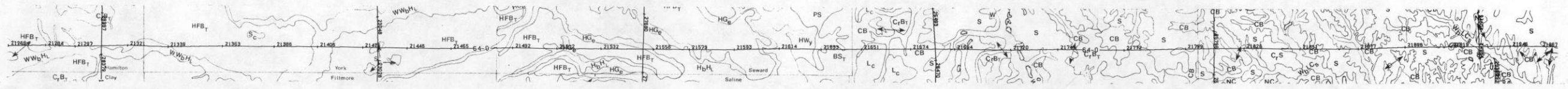
LINE 61
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976



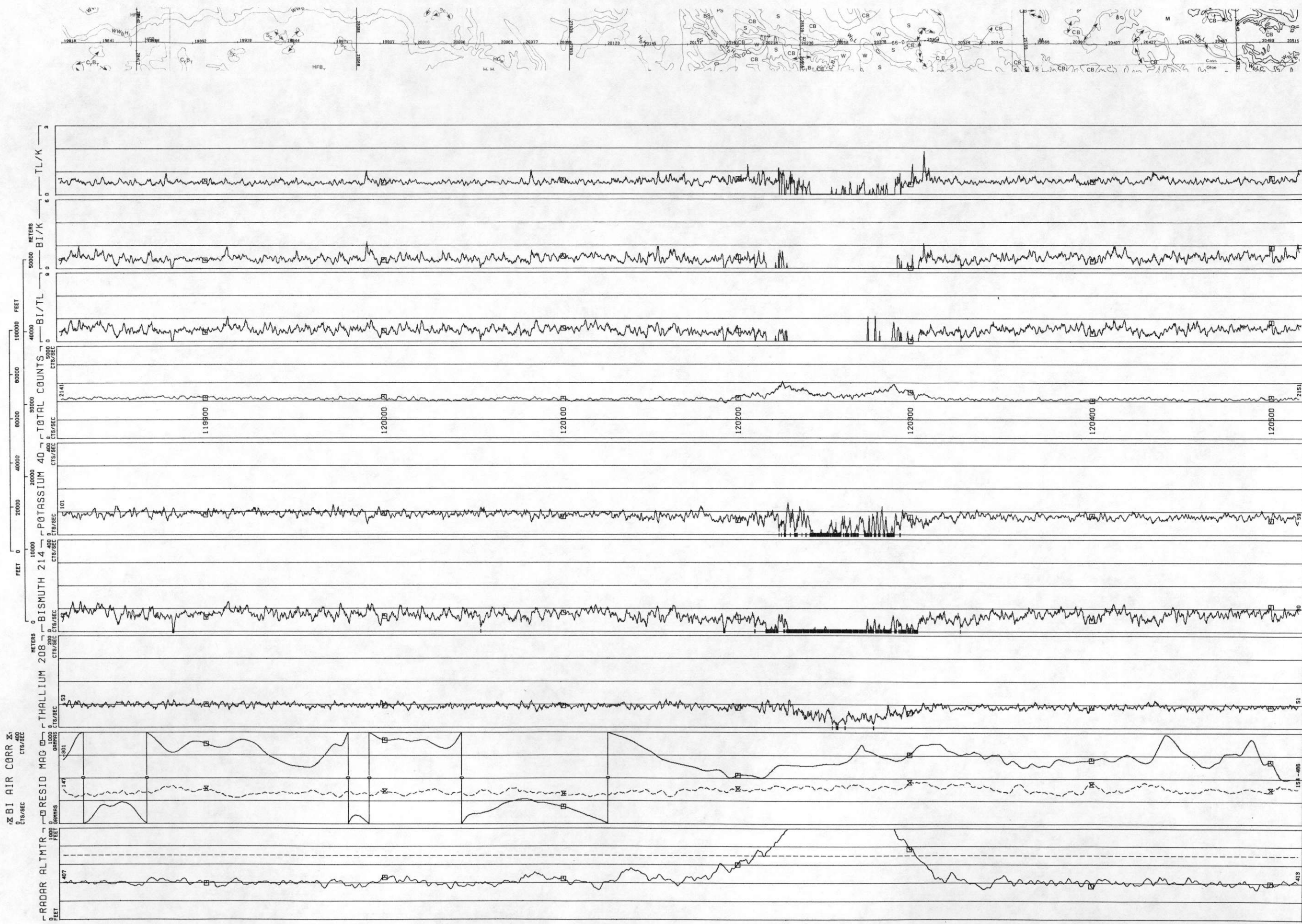
LINE 62
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976



LINE 64 EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS



LINE 66
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS



TL/K
MIN .0000
MAX 1.879
MEAN .5300
STD DEV .1798

BI/K
MIN .0000
MAX 2.308
MEAN .7546
STD DEV .3931

BI/TL
MIN .0000
MAX 3.356
MEAN 1.360
STD DEV .6499

TOTAL COUNTS
CTS/SEC
MIN 1913
MAX 3096
MEAN 2185
STD DEV 148.3

POTASSIUM 40
CTS/SEC
MIN .0000
MAX 139.2
MEAN 80.08
STD DEV 22.40

BISMUTH 214
CTS/SEC
MIN .0000
MAX 130.3
MEAN 63.77
STD DEV 28.38

THALLIUM 208
CTS/SEC
MIN 4.393
MAX 62.52
MEAN 45.12
STD DEV 8.197

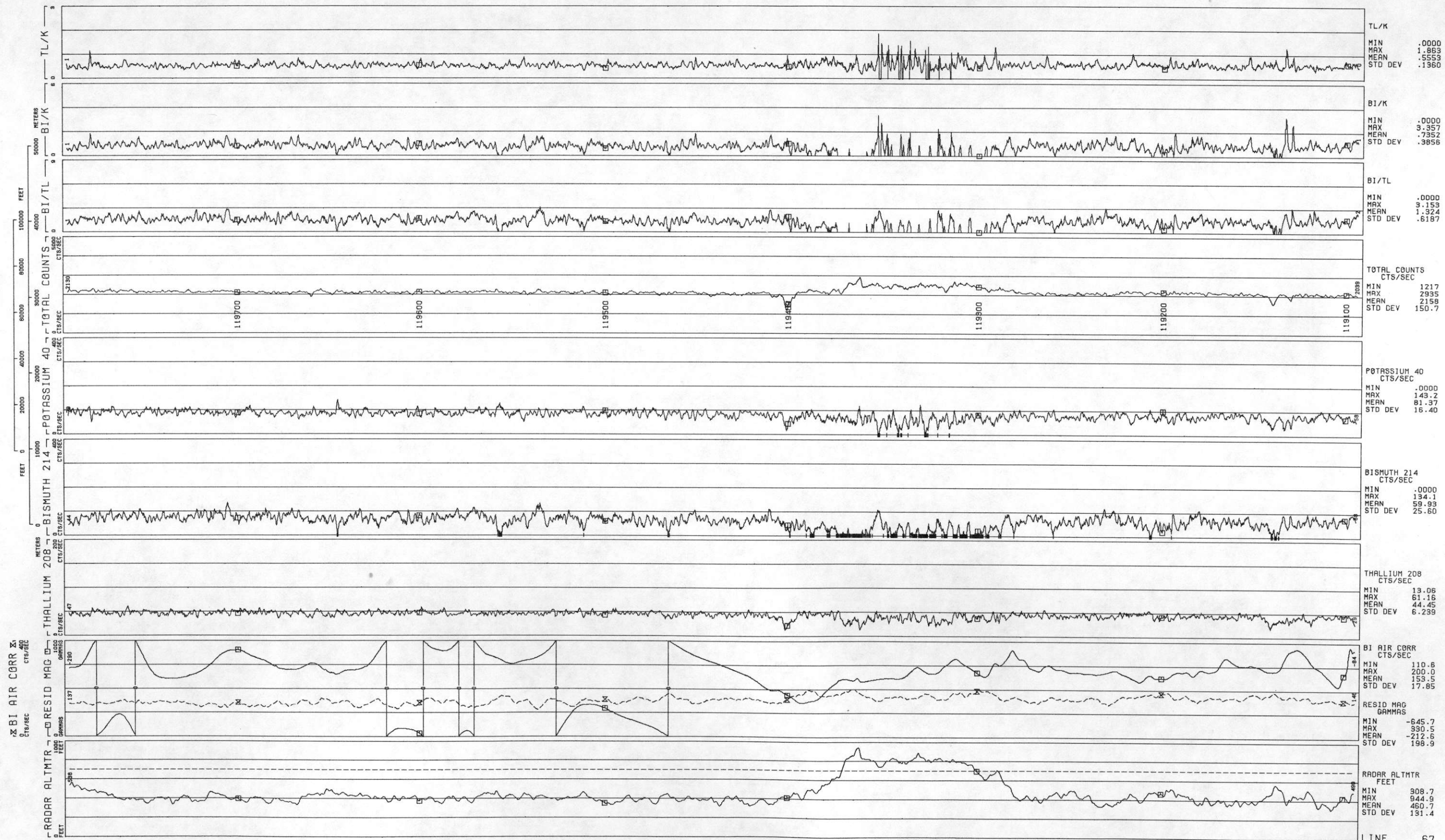
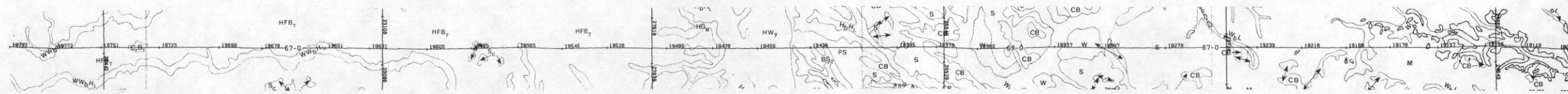
BI AIR CORR
CTS/SEC
MIN 111.7
MAX 184.9
MEAN 144.7
STD DEV 15.46

RESID MAG
GAMMAS
MIN -513.4
MAX 267.3
MEAN -176.4
STD DEV 193.8

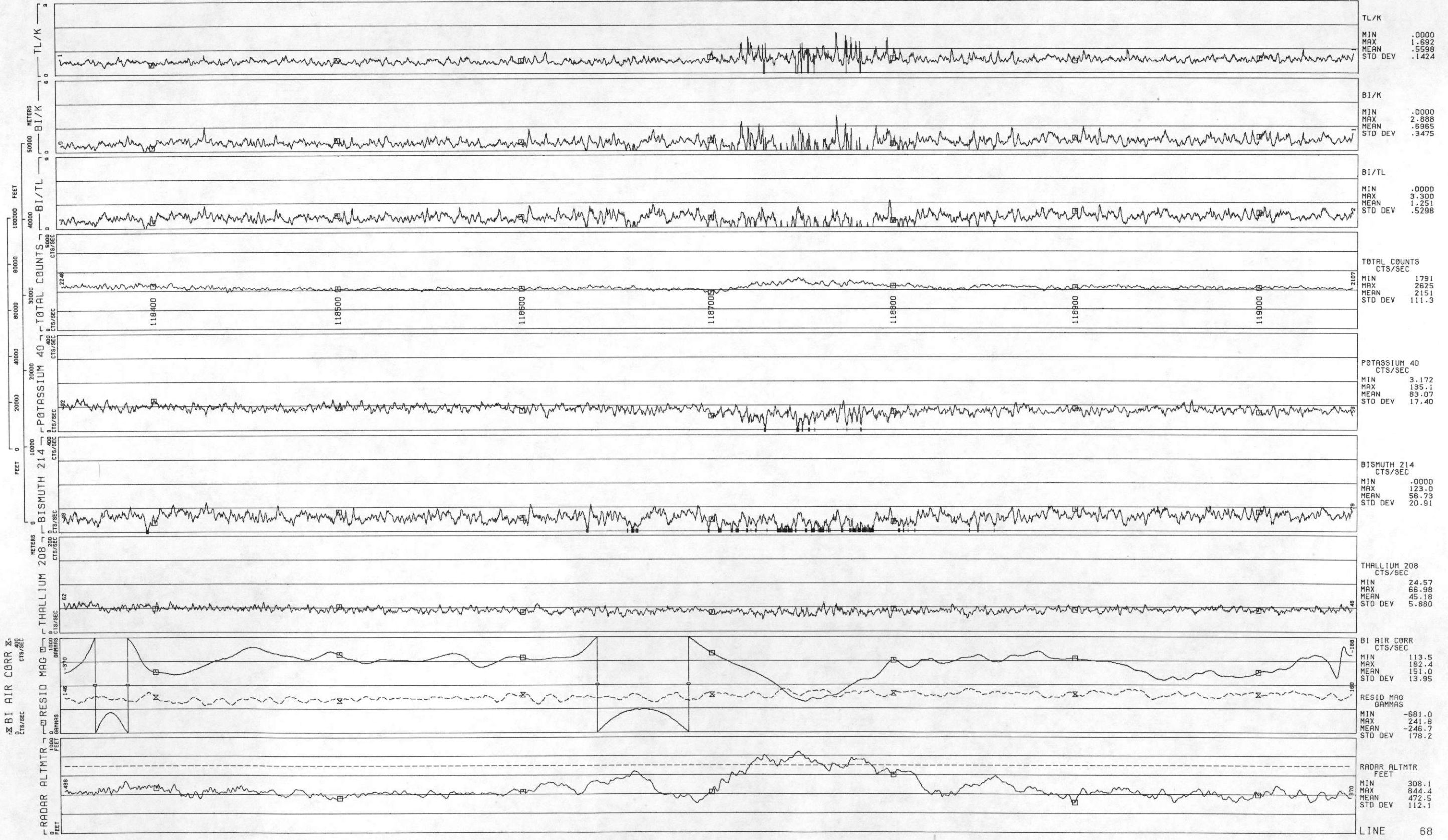
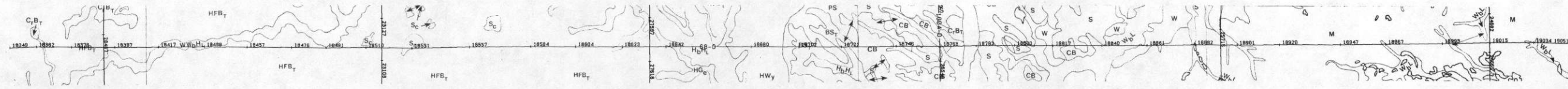
RADAR ALTMTR
FEET
MIN 407
MAX 413
MEAN 513.2
STD DEV 239.8

LINE 66

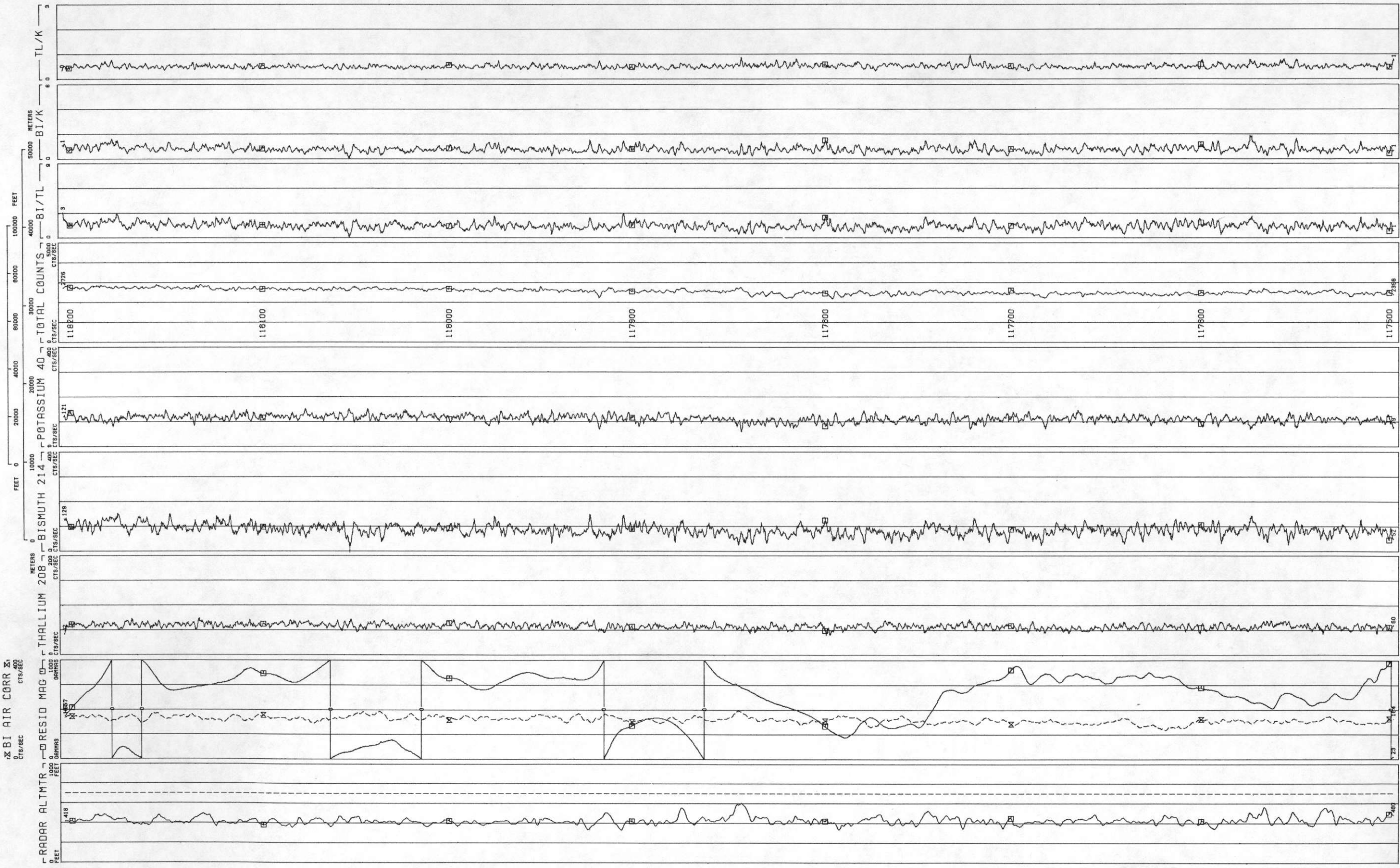
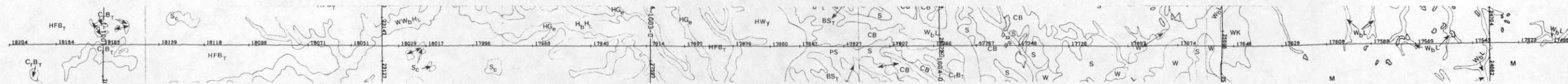
LINE 67
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976



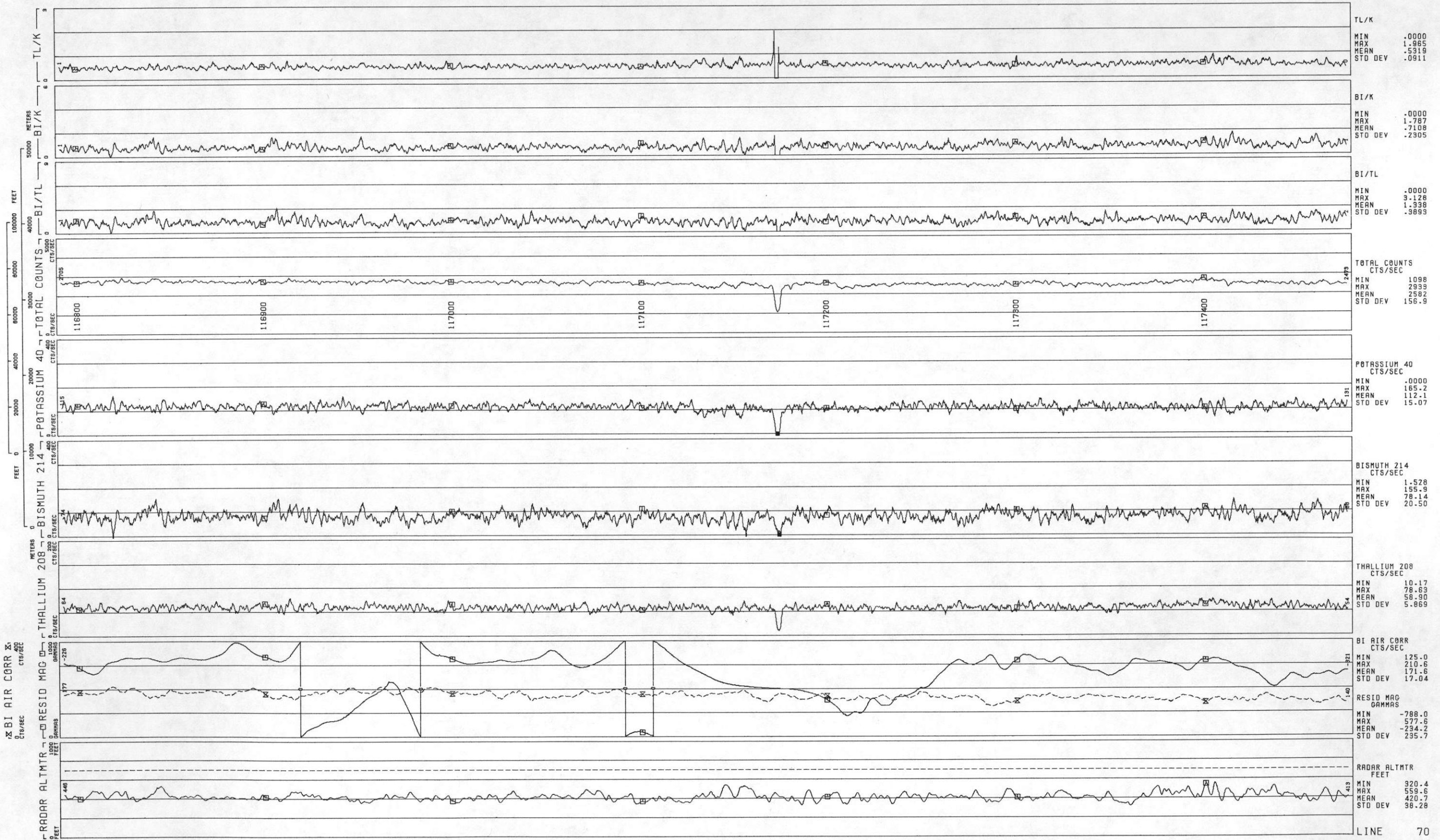
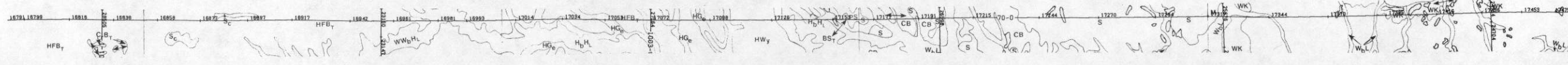
LINE 68
EAST SALINA BASIN - LINCOLN - NTMS - NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976



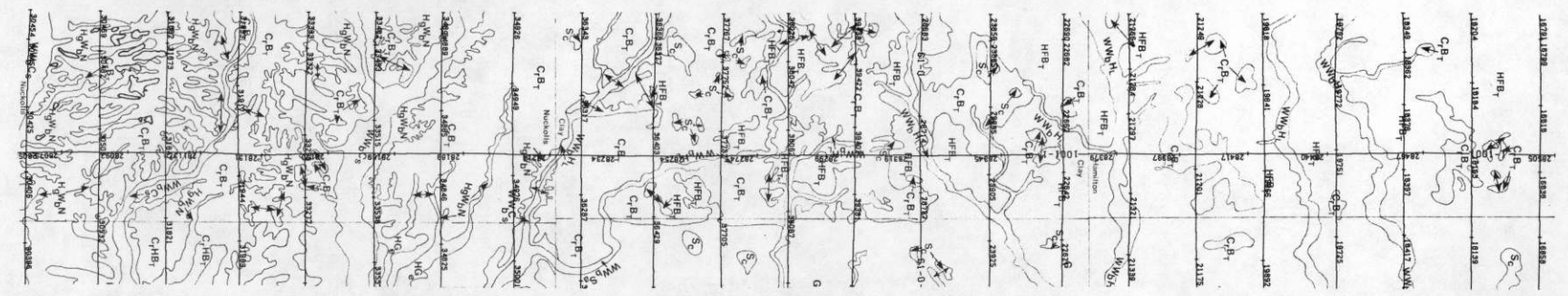
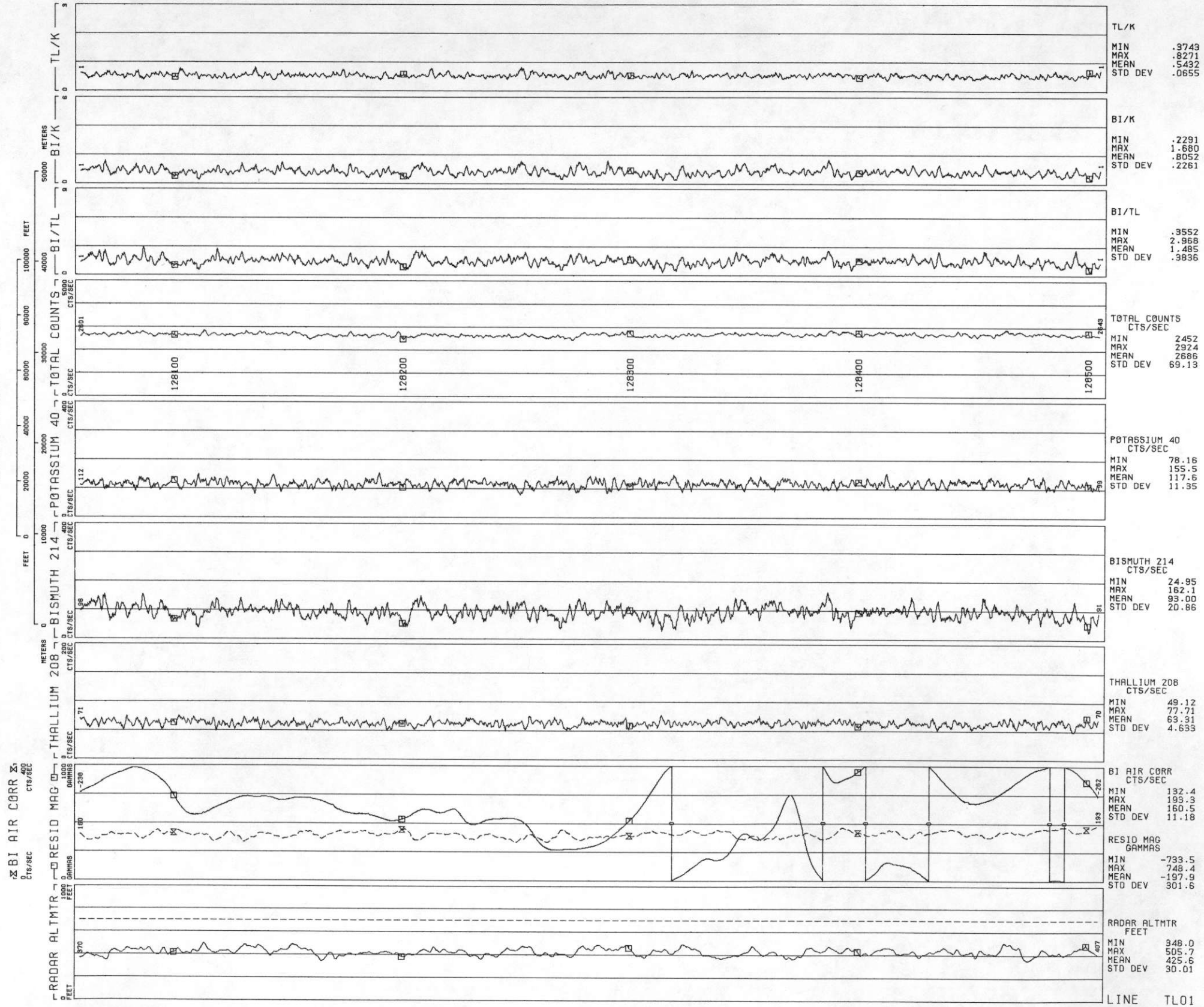
LINE 69
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976



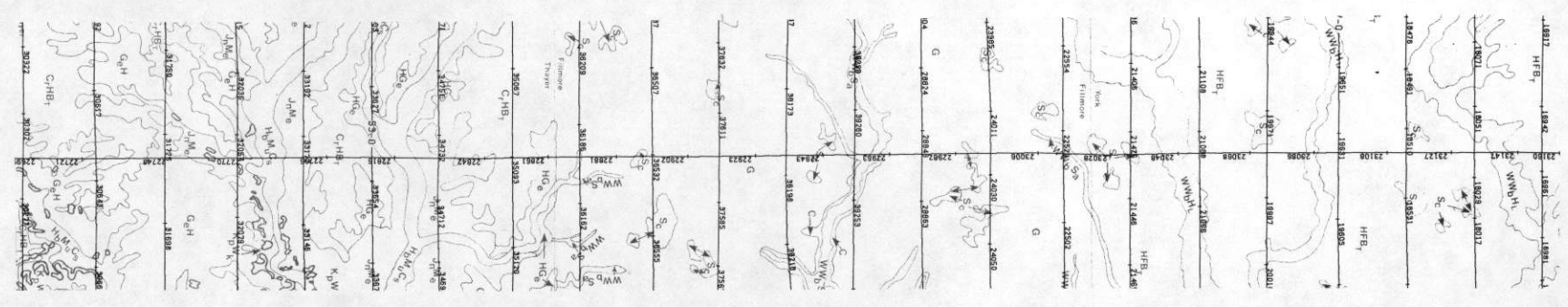
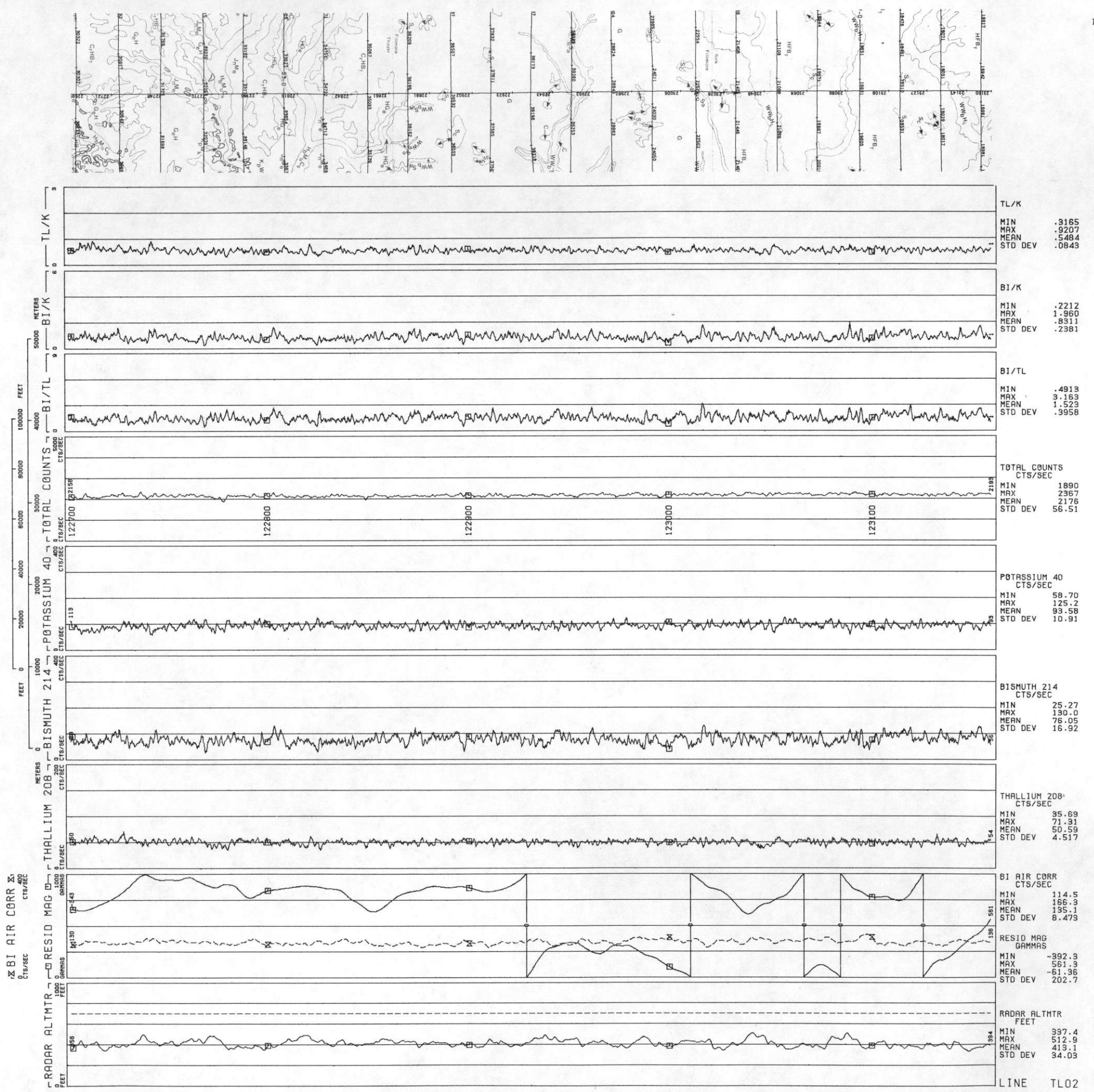
70
LINE
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976



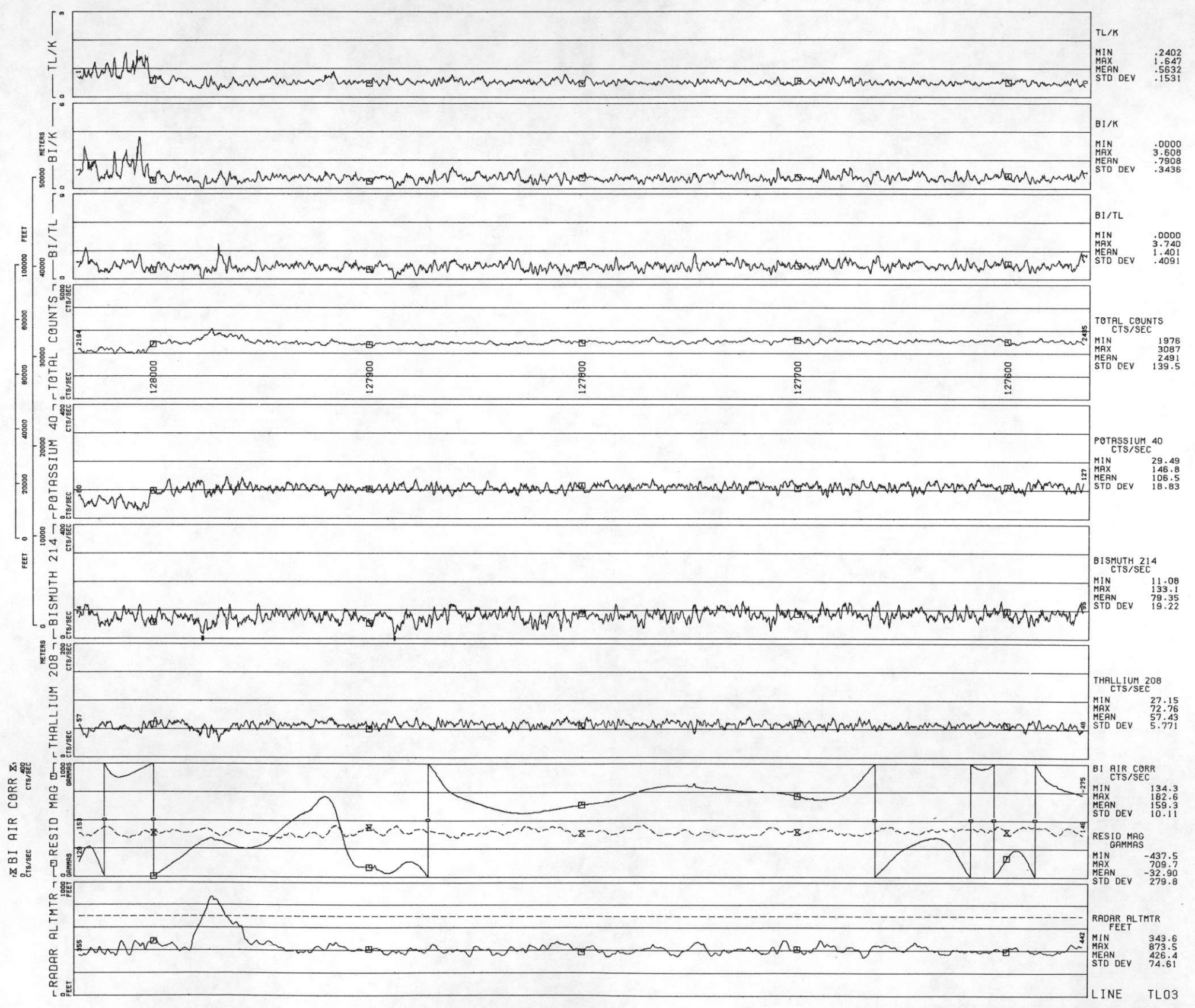
LINE TLO1
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976



LINE TLO2
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976

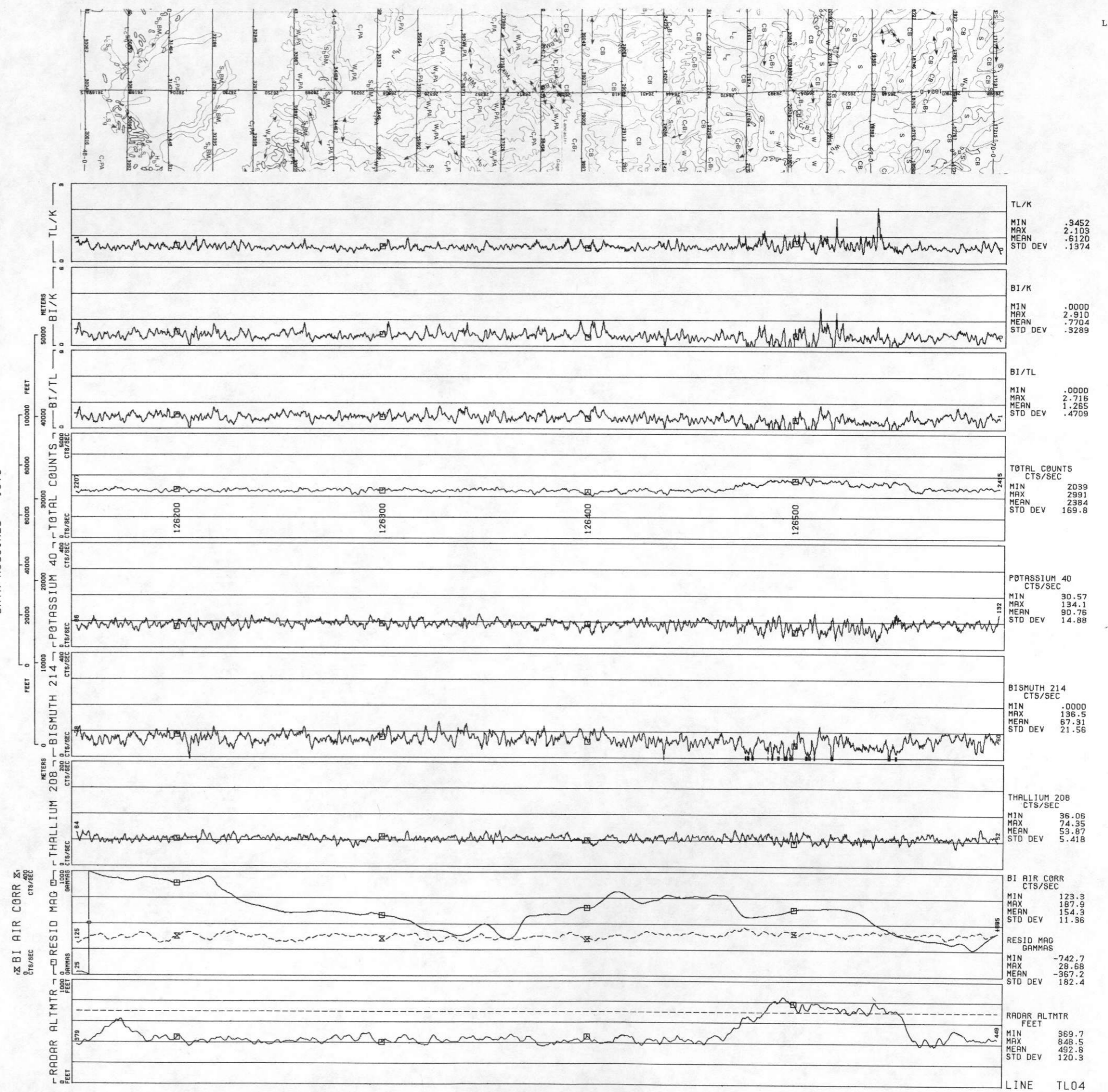


LINE TLO3
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
DATA ACQUIRED 1976

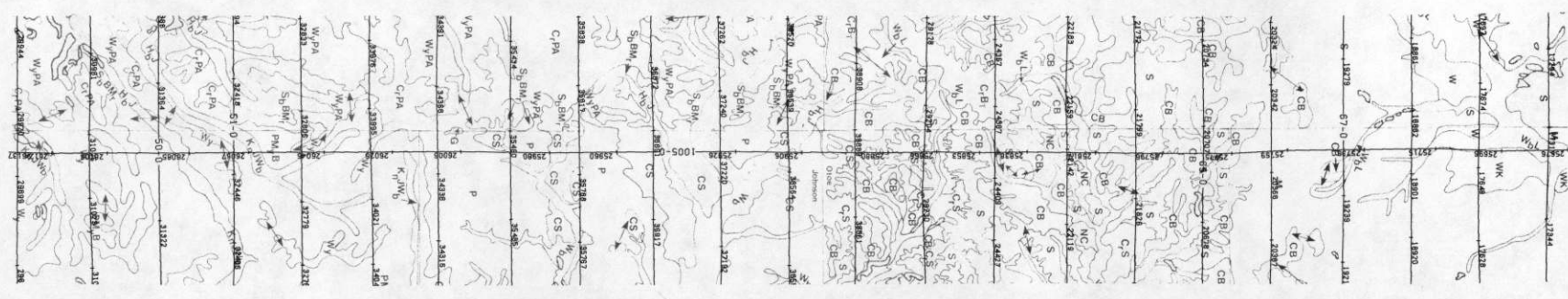
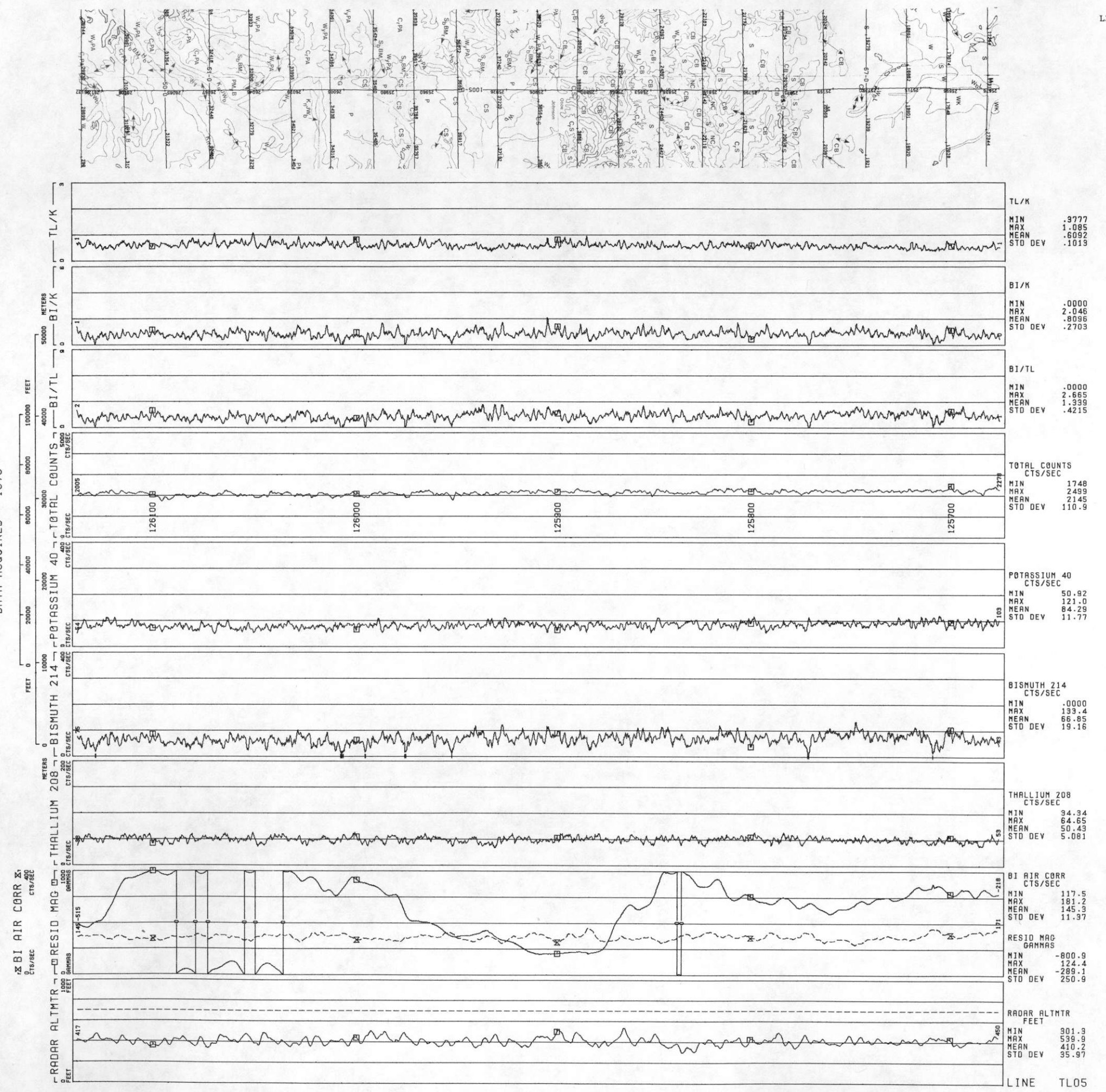


LINE TLO3

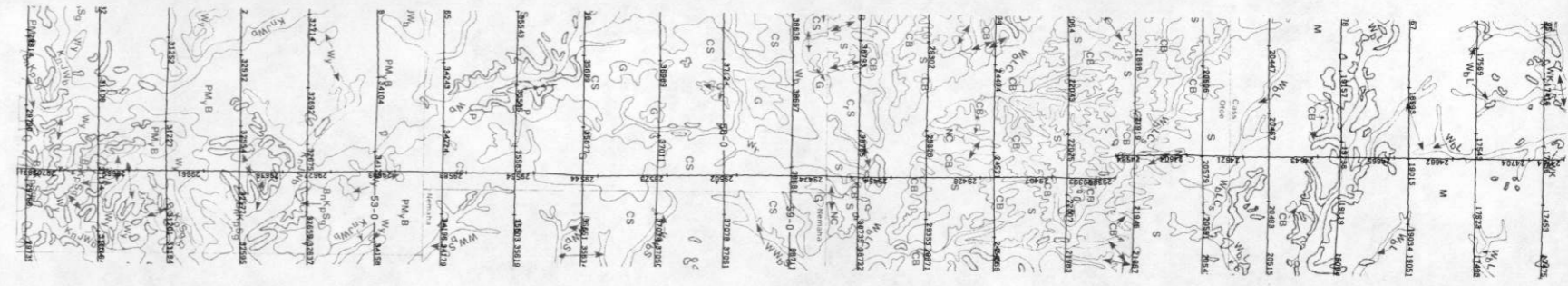
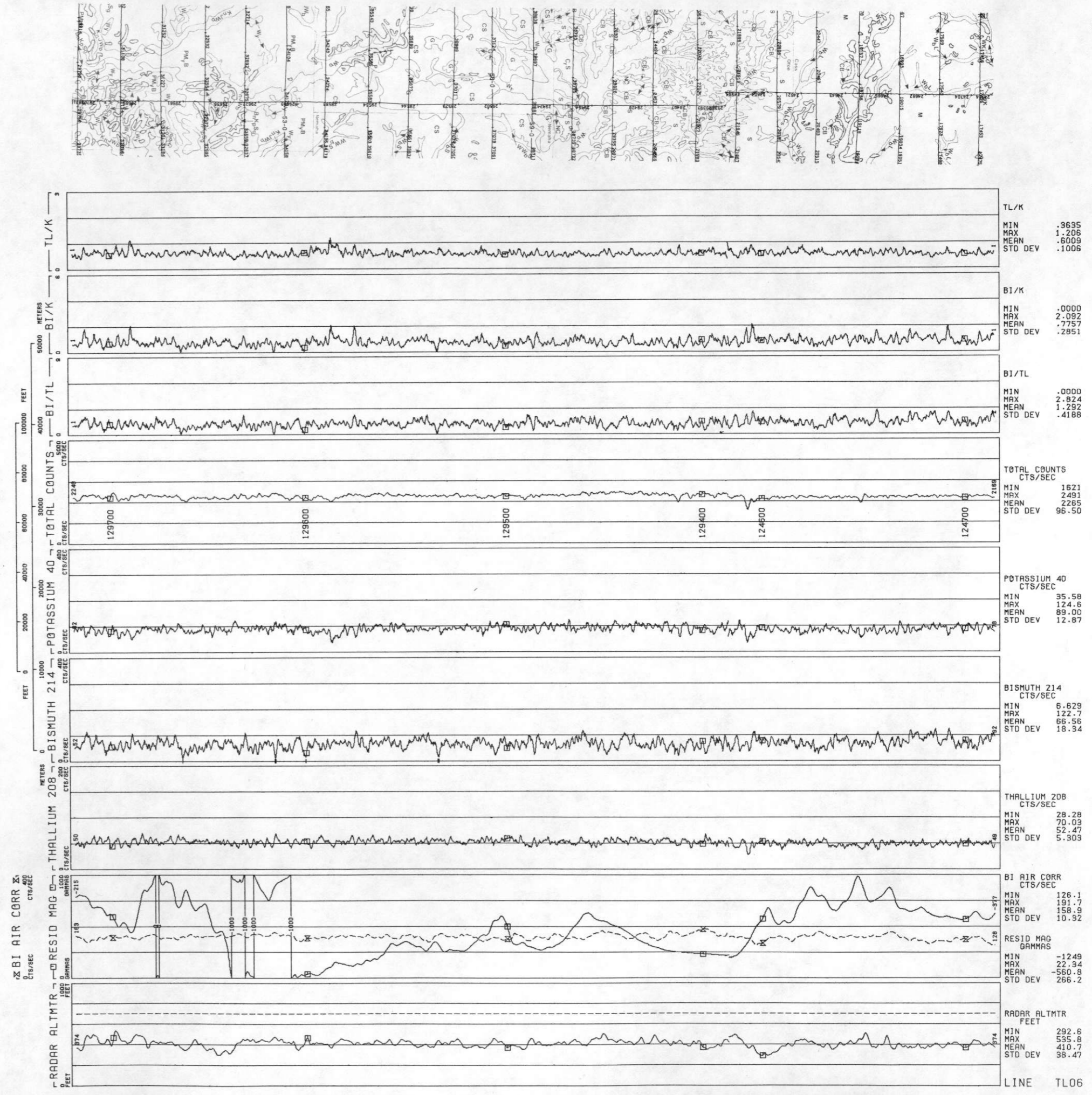
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DATA ACQUIRED 1976



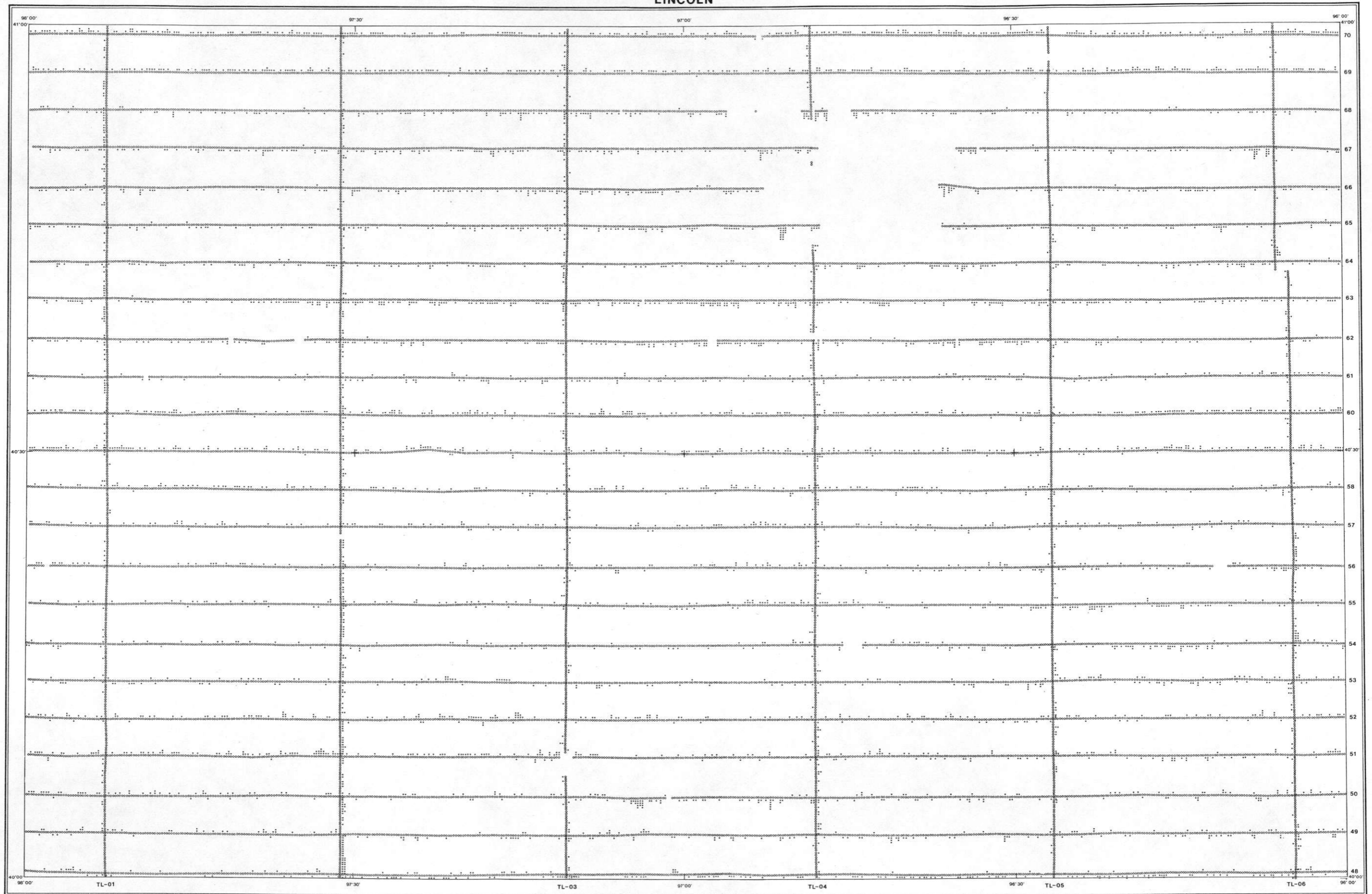
EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
LINE TLOS
DATA ACQUIRED 1976



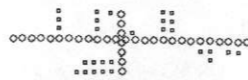
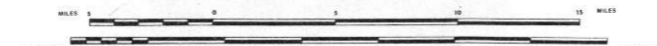
LINE TL06
 EAST SALINA BASIN - LINCOLN - NTMS NK 14-12 - GEOMETRICS
 DATA ACQUIRED 1976



LINCOLN



SCALE 1:500,000



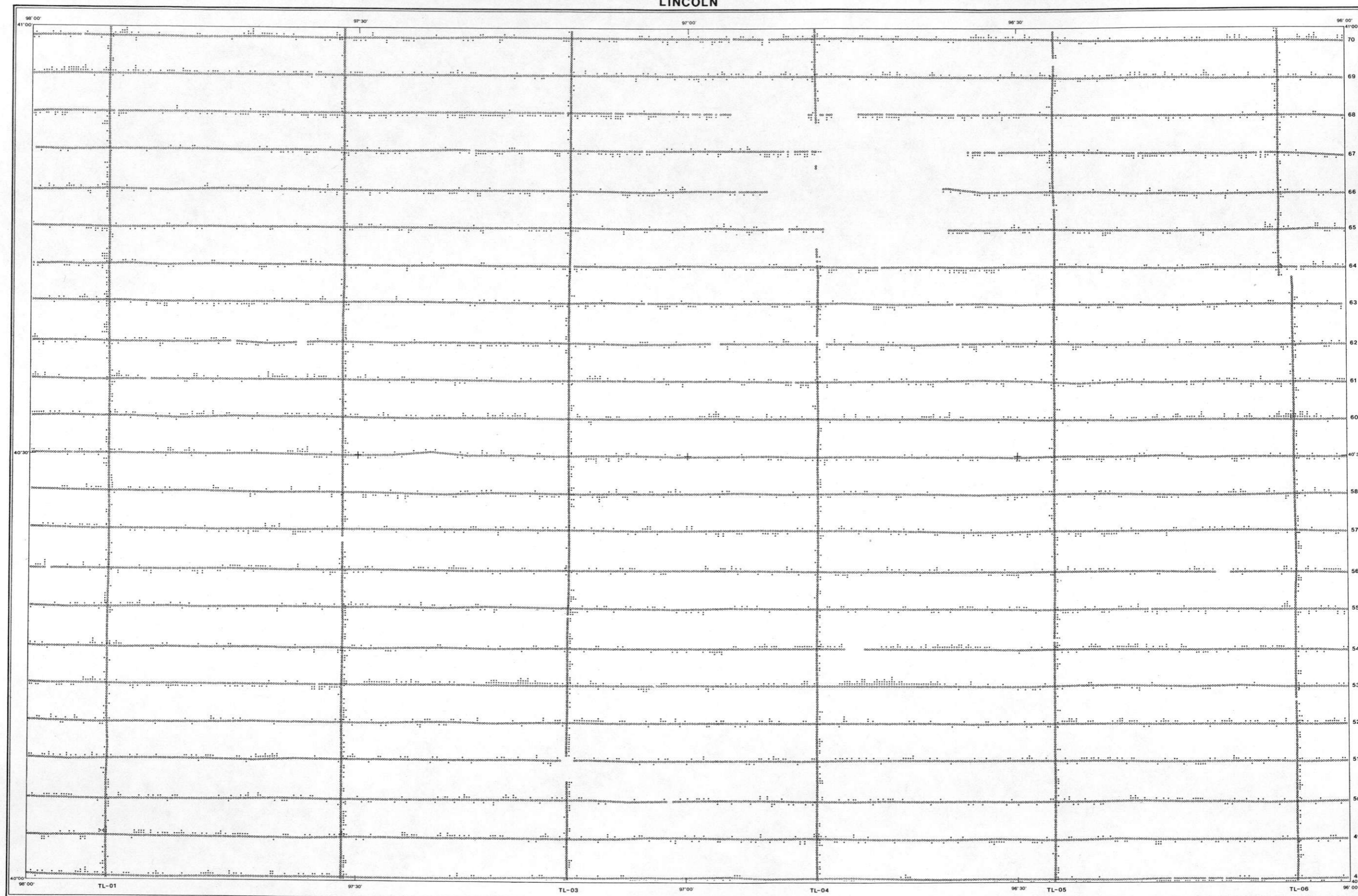
○ - DATA STATISTICALLY ADEQUATE
 □ - DATA STATISTICALLY INADEQUATE
 ◻ - 1 σ ABOUT MEASURE OF CENTRAL TENDENCY
 NOTE: ON E-W LINES, +σ TO NORTH, -σ TO SOUTH,
 ON N-S LINES, +σ TO WEST, -σ TO EAST.

NK 14-7 MOUTH PLATE	NK 14-8 MORNING STAR	NK 14-9 NEBRASKA	NK 14-10 MC COOK	NK 14-11 MORNING STAR	NK 14-12 MORNING STAR	NK 14-13 MORNING STAR	NK 14-14 MORNING STAR	NK 14-15 MORNING STAR	NK 15-1 MORNING STAR	NK 15-2 MORNING STAR	NK 15-3 MORNING STAR	NK 15-4 MORNING STAR	NK 15-5 MORNING STAR	NK 15-6 MORNING STAR	NK 15-7 MORNING STAR	NK 15-8 MORNING STAR
NJ 14-1 WOODLAND	NJ 14-2 WOODLAND	NJ 14-3 WOODLAND	NJ 14-4 WOODLAND	NJ 14-5 WOODLAND	NJ 14-6 WOODLAND	NJ 14-7 WOODLAND	NJ 14-8 WOODLAND	NJ 14-9 WOODLAND	NJ 14-10 WOODLAND	NJ 14-11 WOODLAND	NJ 14-12 WOODLAND	NJ 14-13 WOODLAND	NJ 14-14 WOODLAND	NJ 14-15 WOODLAND	NJ 15-1 WOODLAND	NJ 15-2 WOODLAND
BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY
BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY	BOYD CITY

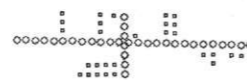
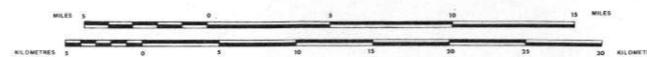
POTASSIUM ANOMALY MAP
 EAST SALINA BASIN AREA
 U. S. DEPARTMENT OF ENERGY



LINCOLN



SCALE 1:500,000

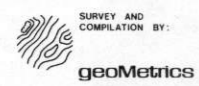


NOTE: ON E-W LINES, +σ TO NORTH, -σ TO SOUTH.
ON N-S LINES, +σ TO WEST, -σ TO EAST.

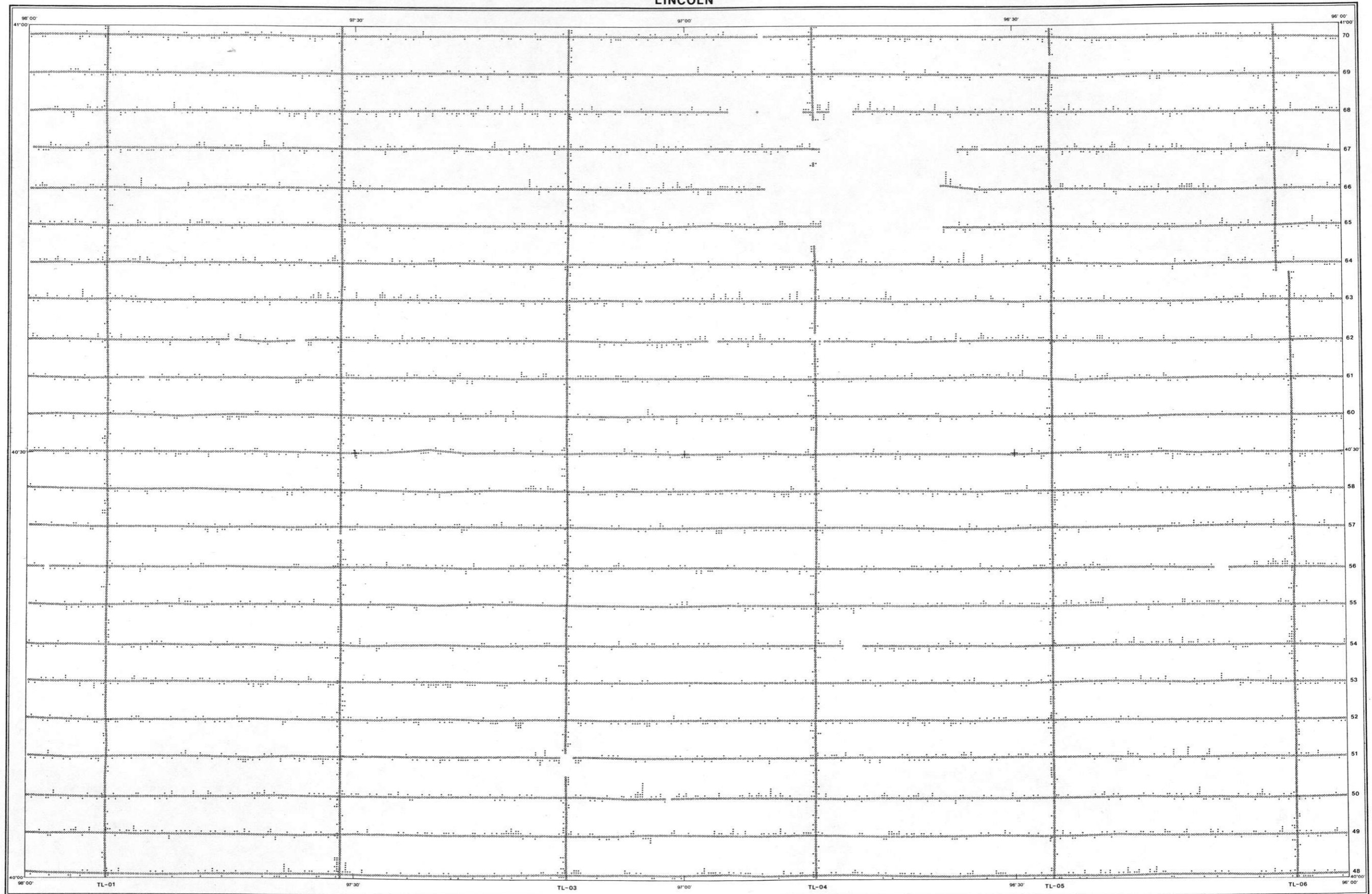
NK 14-7 NORTH PLATTE	NK 14-8 BROOKS ADD.	FRENCH NEBRASKA	NK 14-9 NEBRASKA	NK 15-7 IOWA	NK 15-8 IOWA
NK 14-10 NE COOK	NK 14-11 NE COOK	NK 14-12 NEBRASKA	NK 14-13 NEBRASKA	NK 15-10 NEBRASKA	NK 15-11 NEBRASKA
NJ 14-1 WOODLAND	NJ 14-2 BEGOT	NJ 14-3 MANHATTAN	NJ 14-4 KANSAS	NJ 15-1 KANSAS	NJ 15-2 KANSAS
SCOTT CITY NJ 14-4	NJ 14-5 GREAT BEND	NJ 14-6 HUTCHINSON	NJ 15-3 MISSOURI	NJ 15-4 MISSOURI	NJ 15-5 MISSOURI
DOCKE CITY NJ 14-7	NJ 14-8 NEBRASKA	NJ 14-9 NEBRASKA	NJ 15-6 MISSOURI	NJ 15-7 MISSOURI	NJ 15-8 MISSOURI

LOCATION INDEX

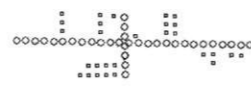
URANIUM ANOMALY MAP
EAST SALINA BASIN AREA
U. S. DEPARTMENT OF ENERGY



LINCOLN

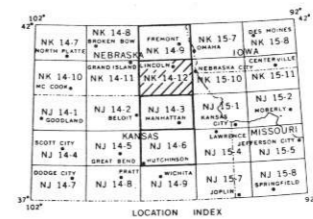


SCALE 1:500,000



○ - DATA STATISTICALLY ADEQUATE
 ● - DATA STATISTICALLY INADEQUATE
 × - 1 σ ABOUT MEASURE OF CENTRAL TENDENCY

NOTE: ON E-W LINES, +σ TO NORTH, -σ TO SOUTH.
 ON N-S LINES, +σ TO WEST, -σ TO EAST.

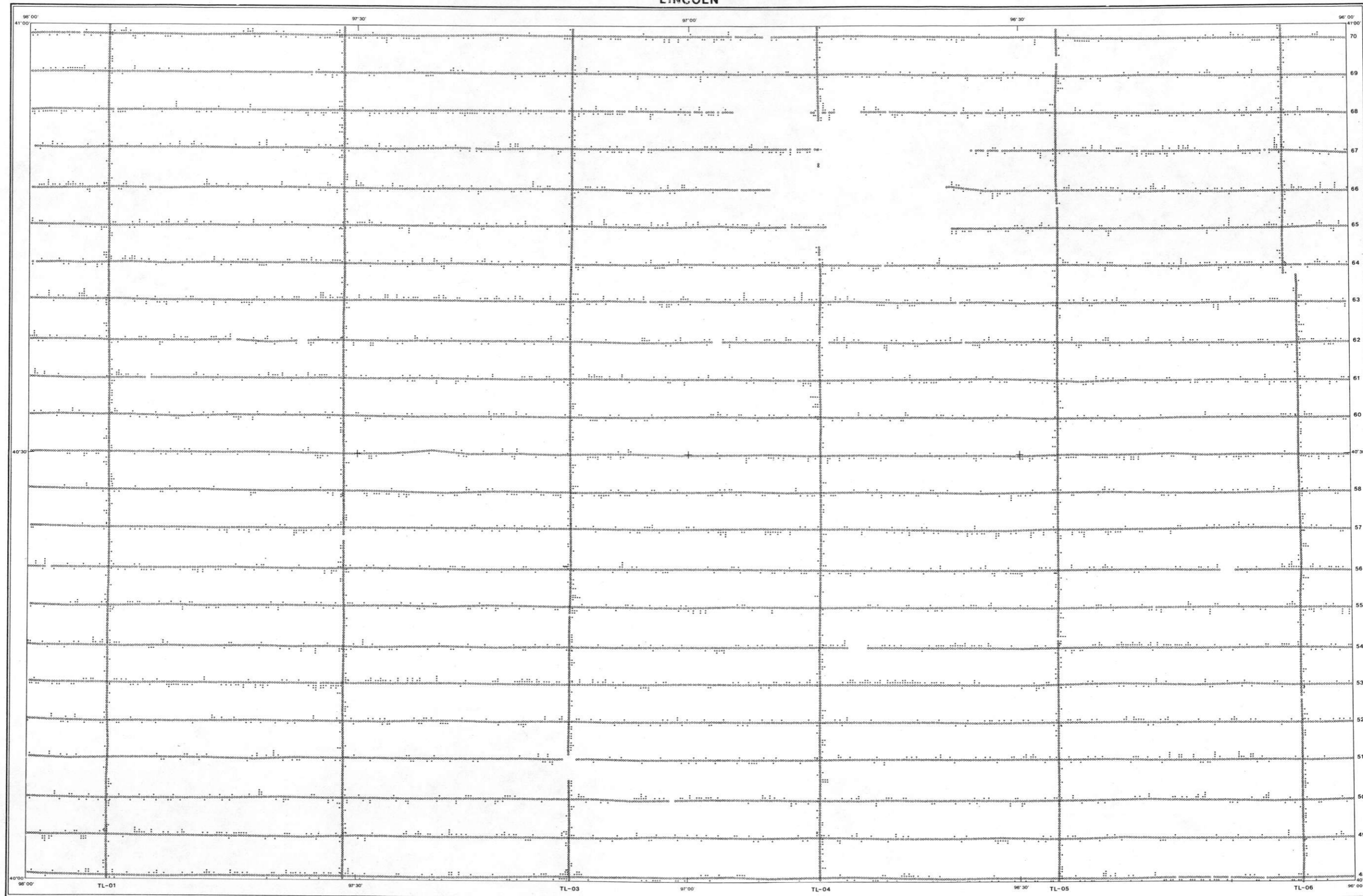


THORIUM/POTASSIUM ANOMALY MAP

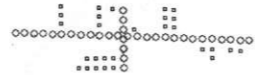
EAST SALINA BASIN AREA

U. S. DEPARTMENT OF ENERGY

LINCOLN



SCALE 1:500,000



○ - DATA STATISTICALLY ADEQUATE
 ○ - DATA STATISTICALLY INADEQUATE
 + - 1 σ ABOUT MEASURE OF CENTRAL TENDENCY
 NOTE: ON E-W LINES, +σ TO NORTH, -σ TO SOUTH.
 ON N-S LINES, +σ TO WEST, -σ TO EAST.

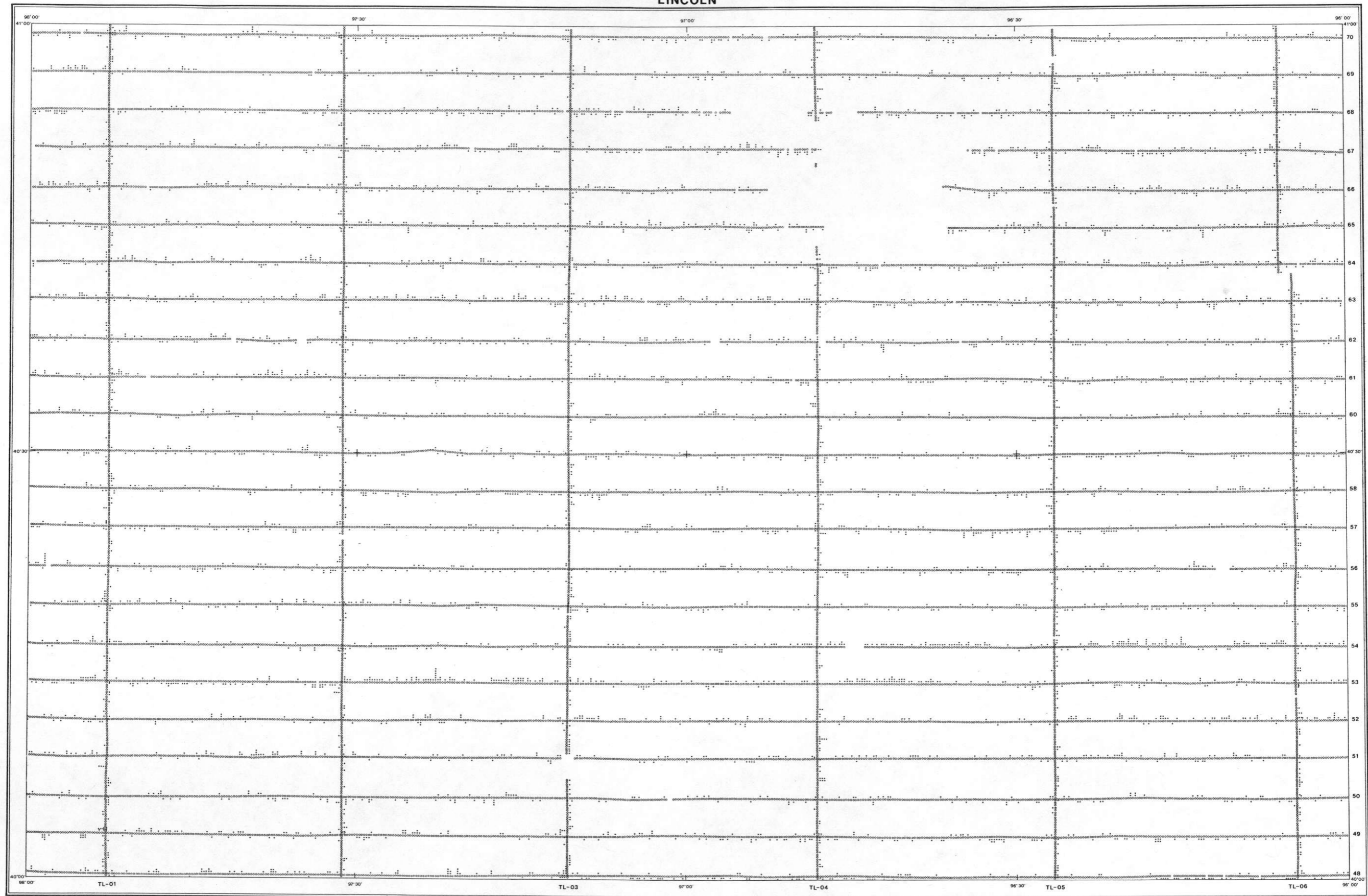
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NK 14-10 NEBRASKA	NK 14-11 NEBRASKA	NK 14-12 NEBRASKA	NK 15-10 MISSOURI	NK 15-11 MISSOURI
NJ 14-1 MISSOURI	NJ 14-2 MISSOURI	NJ 14-3 MISSOURI	NJ 15-1 MISSOURI	NJ 15-2 MISSOURI
NJ 14-4 MISSOURI	NJ 14-5 MISSOURI	NJ 14-6 MISSOURI	NJ 15-3 MISSOURI	NJ 15-4 MISSOURI
NJ 14-7 MISSOURI	NJ 14-8 MISSOURI	NJ 14-9 MISSOURI	NJ 15-5 MISSOURI	NJ 15-6 MISSOURI
NJ 14-10 MISSOURI	NJ 14-11 MISSOURI	NJ 14-12 MISSOURI	NJ 15-7 MISSOURI	NJ 15-8 MISSOURI

LOCATION INDEX

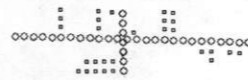
SURVEY AND
 COMPILATION BY:
 geoMetrics

URANIUM/POTASSIUM ANOMALY MAP
 EAST SALINA BASIN AREA
 U. S. DEPARTMENT OF ENERGY

LINCOLN



SCALE 1:500,000



○ - DATA STATISTICALLY ADEQUATE
 ○ - DATA STATISTICALLY INADEQUATE
 ◻ - 1 σ ABOUT MEASURE OF CENTRAL TENDENCY
 NOTE: ON E-W LINES, +σ TO NORTH, -σ TO SOUTH,
 ON N-S LINES, +σ TO WEST, -σ TO EAST.

NK 14-7 MORRIS	NK 14-8 MORRIS	NK 14-9 MORRIS	NK 15-7 MORRIS	NK 15-8 MORRIS
NK 14-10 MORRIS	NK 14-11 MORRIS	NK 14-12 MORRIS	NK 15-10 MORRIS	NK 15-11 MORRIS
NJ 14-1 MORRIS	NJ 14-2 MORRIS	NJ 14-3 MORRIS	NJ 15-1 MORRIS	NJ 15-2 MORRIS
NJ 14-4 MORRIS	NJ 14-5 MORRIS	NJ 14-6 MORRIS	NJ 15-4 MORRIS	NJ 15-5 MORRIS
NJ 14-7 MORRIS	NJ 14-8 MORRIS	NJ 14-9 MORRIS	NJ 15-7 MORRIS	NJ 15-8 MORRIS

LOCATION INDEX

URANIUM/THORIUM ANOMALY MAP

EAST SALINA BASIN AREA

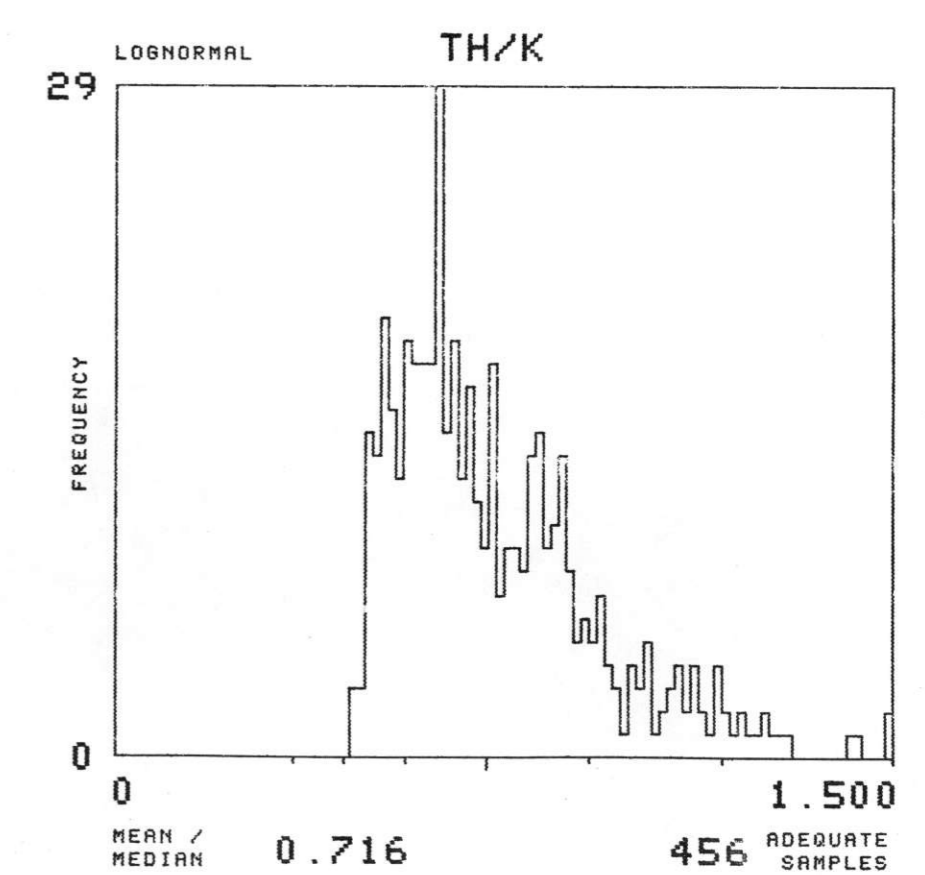
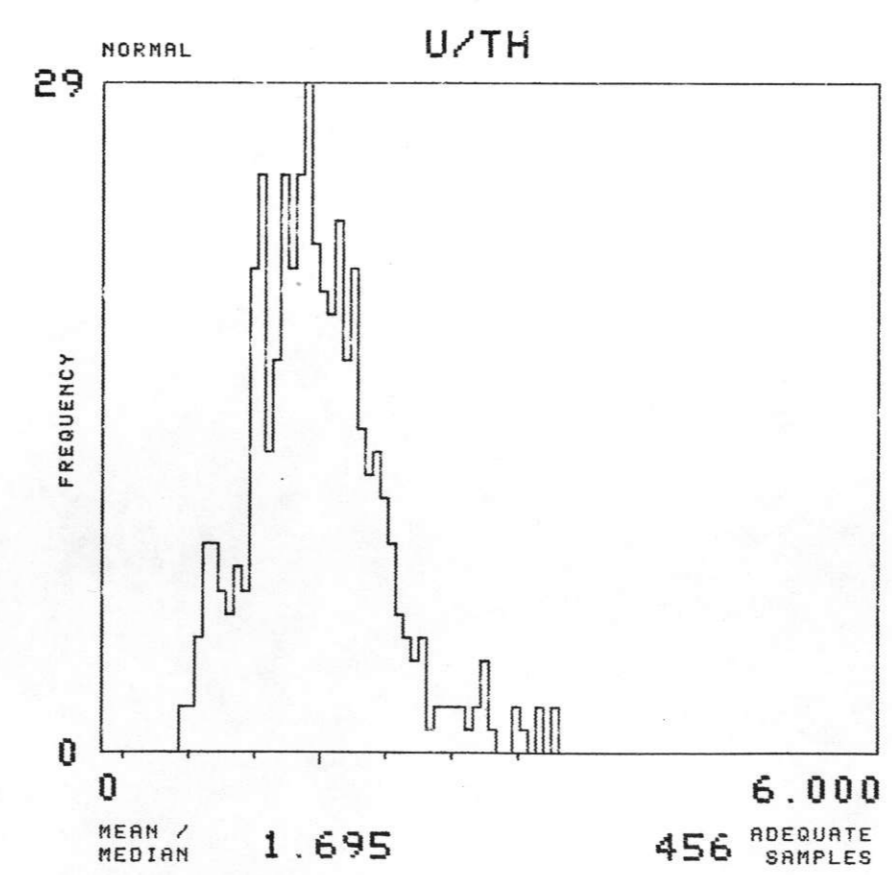
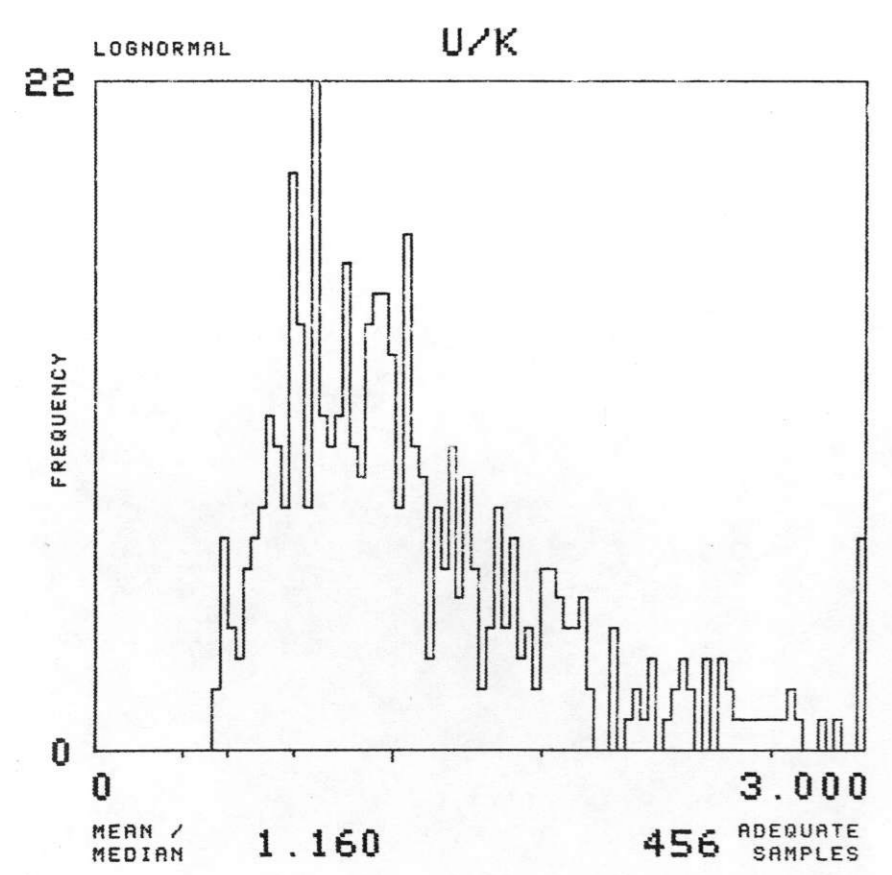
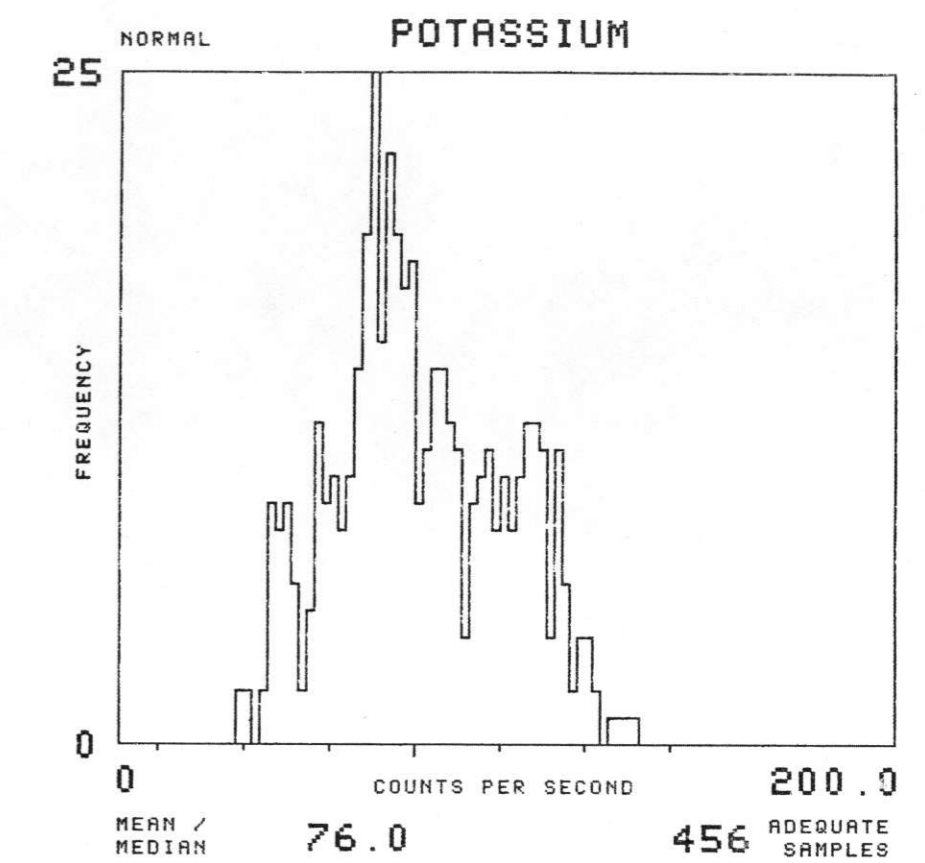
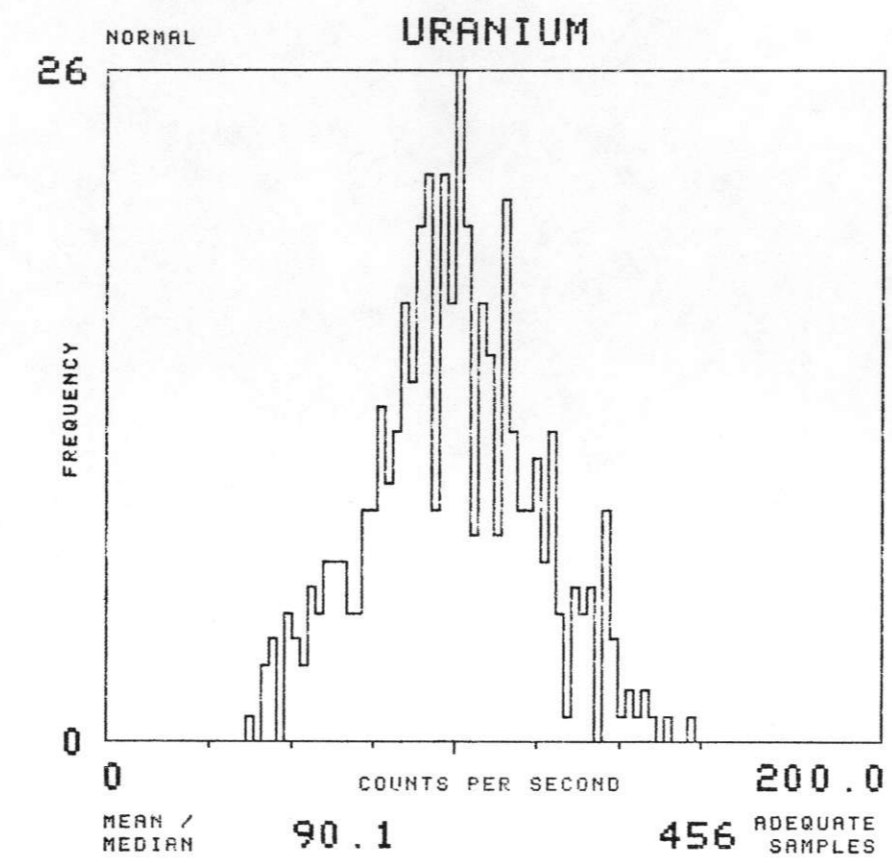
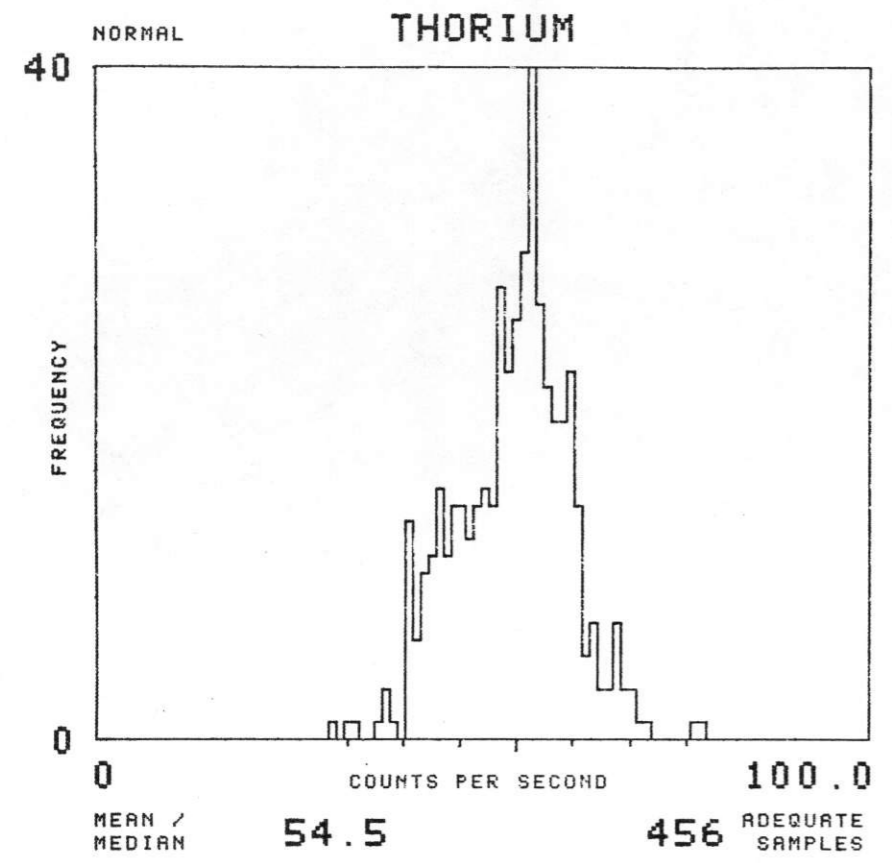
U. S. DEPARTMENT OF ENERGY



NTMS NK 14-12 LINCOLN

SOIL GROUP : BNKP TOTAL NUMBER OF SAMPLES 456

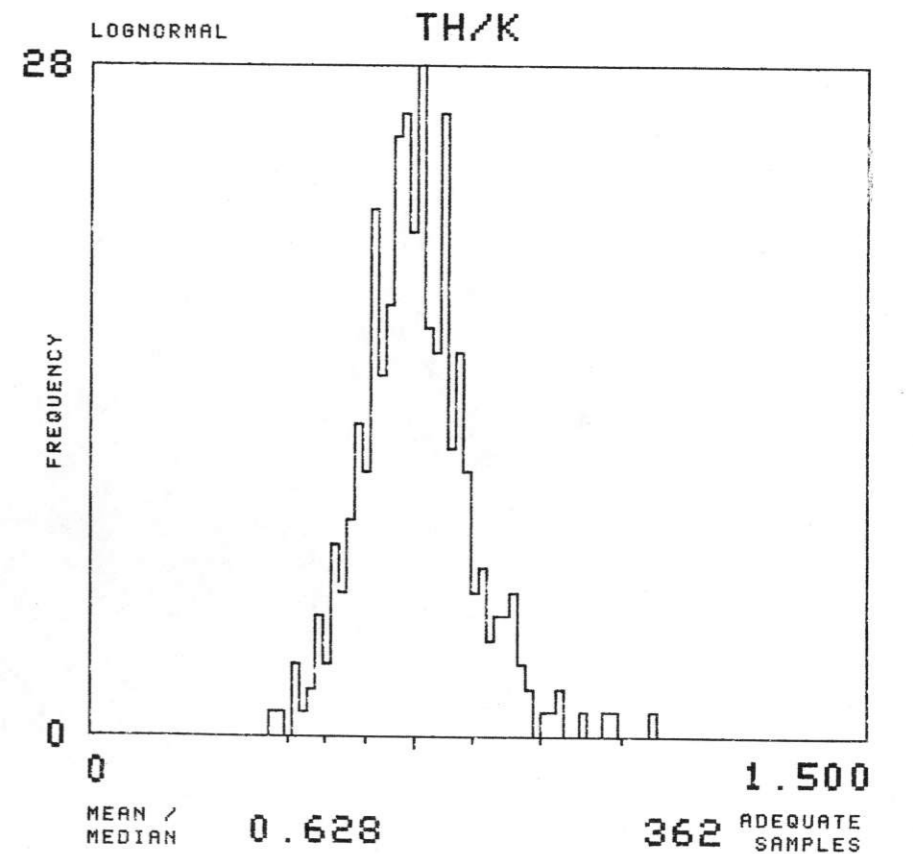
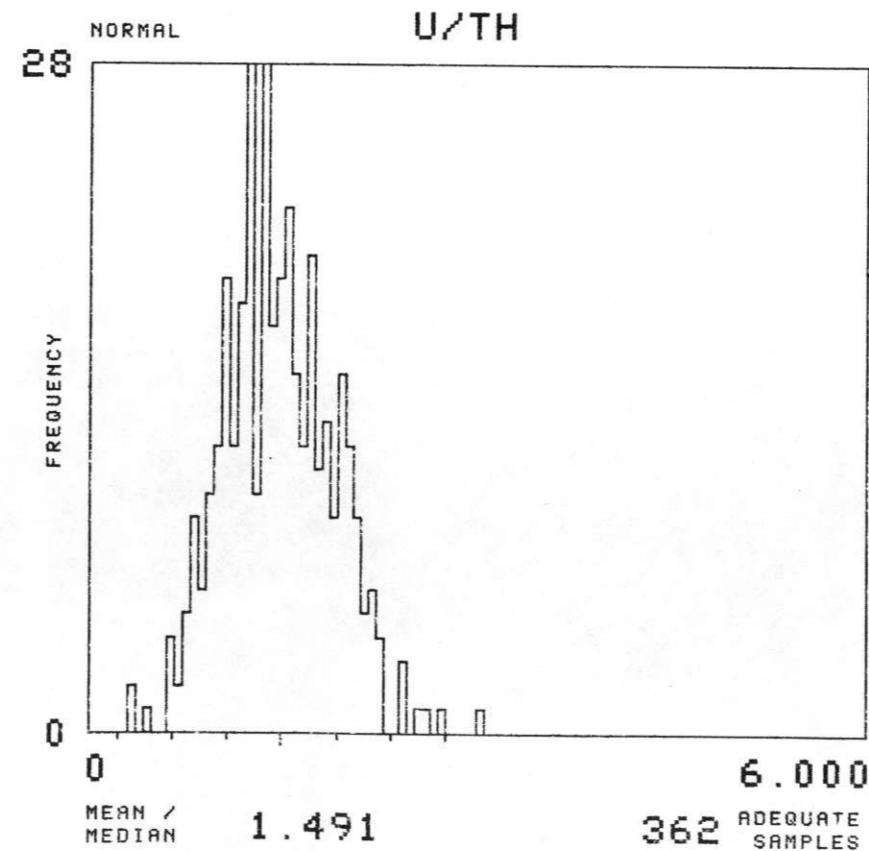
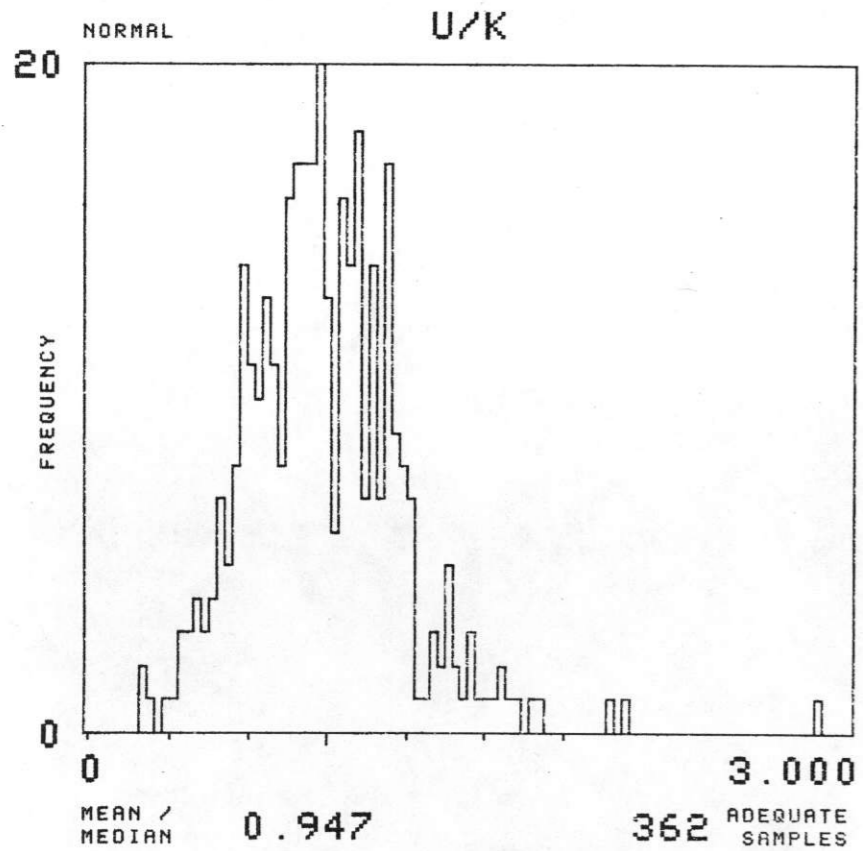
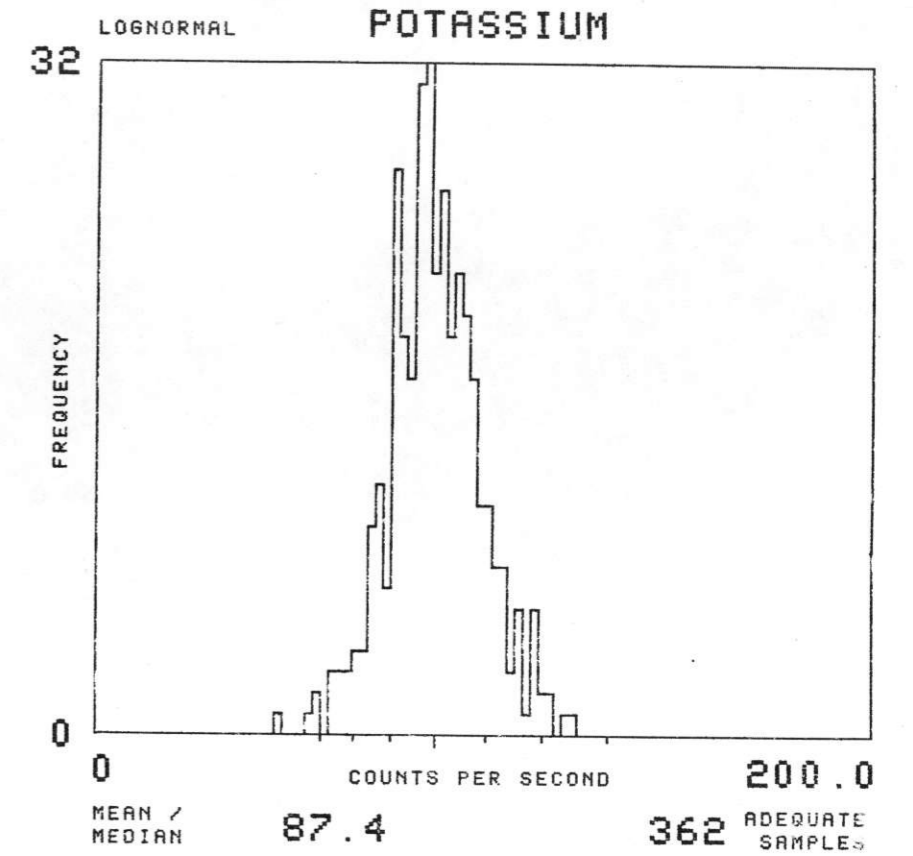
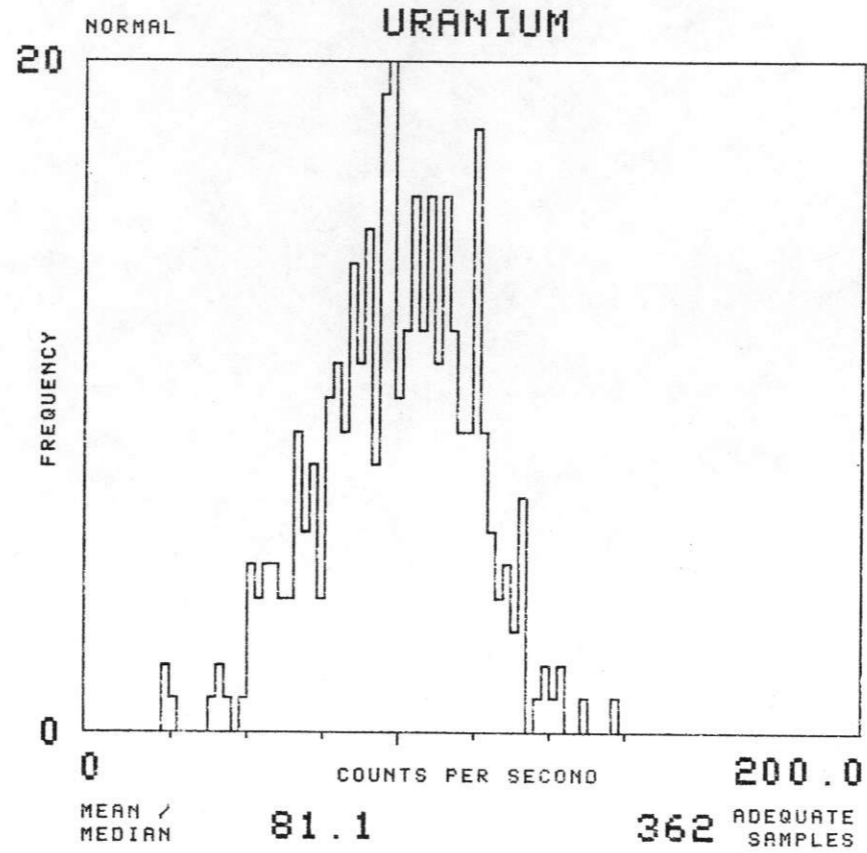
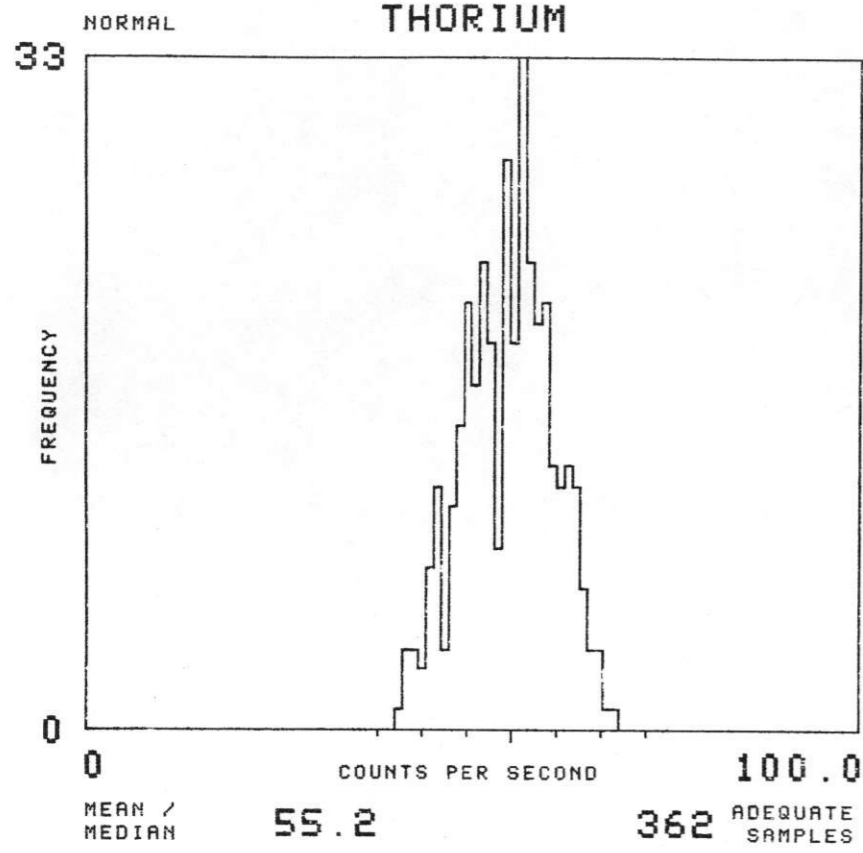
EAST SALINA BASIN - GEOMETRICS 1977

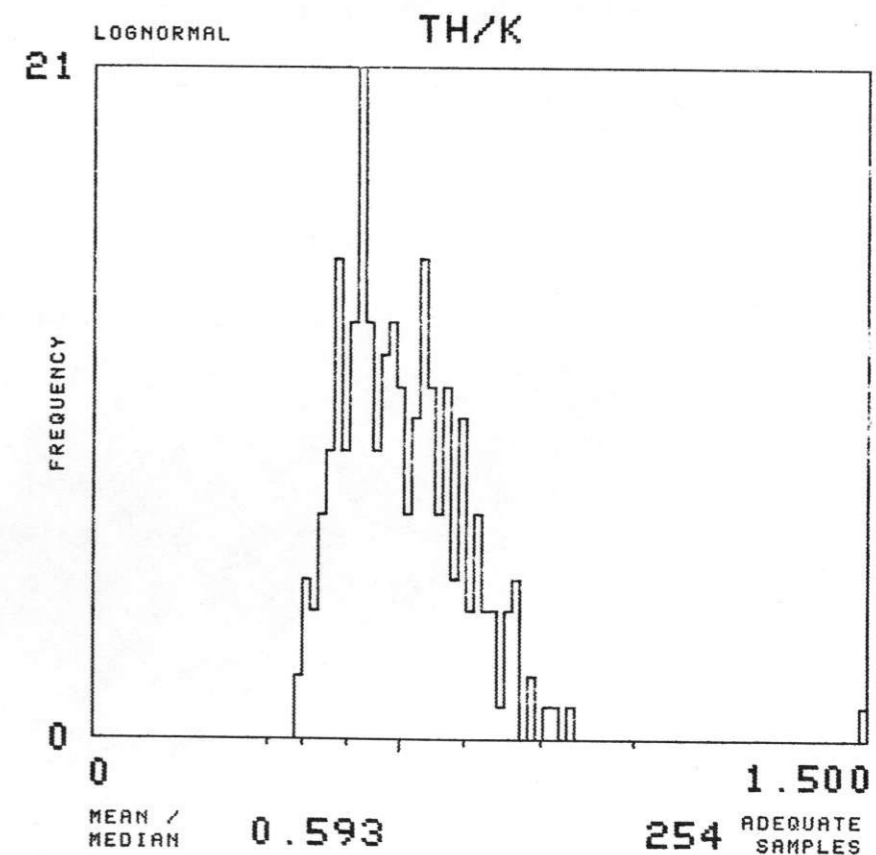
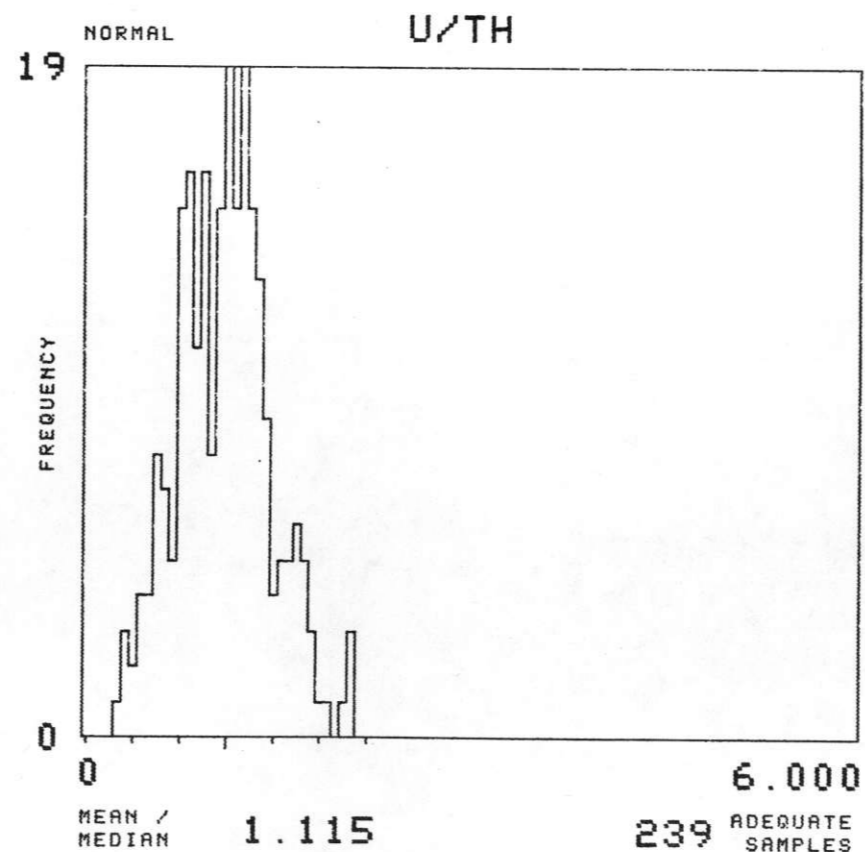
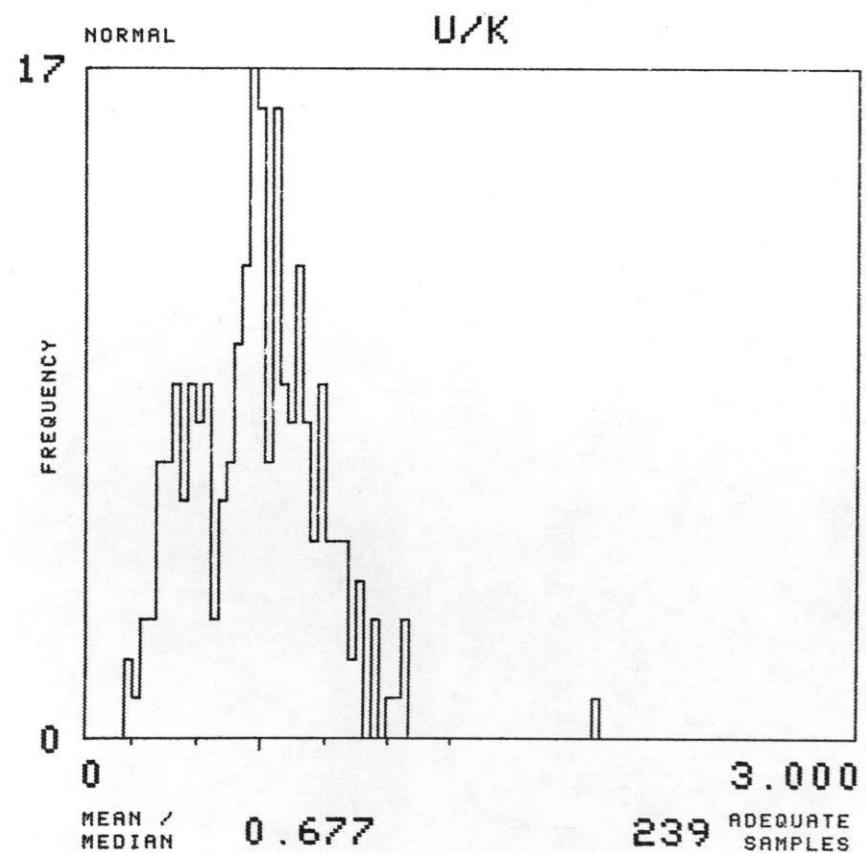
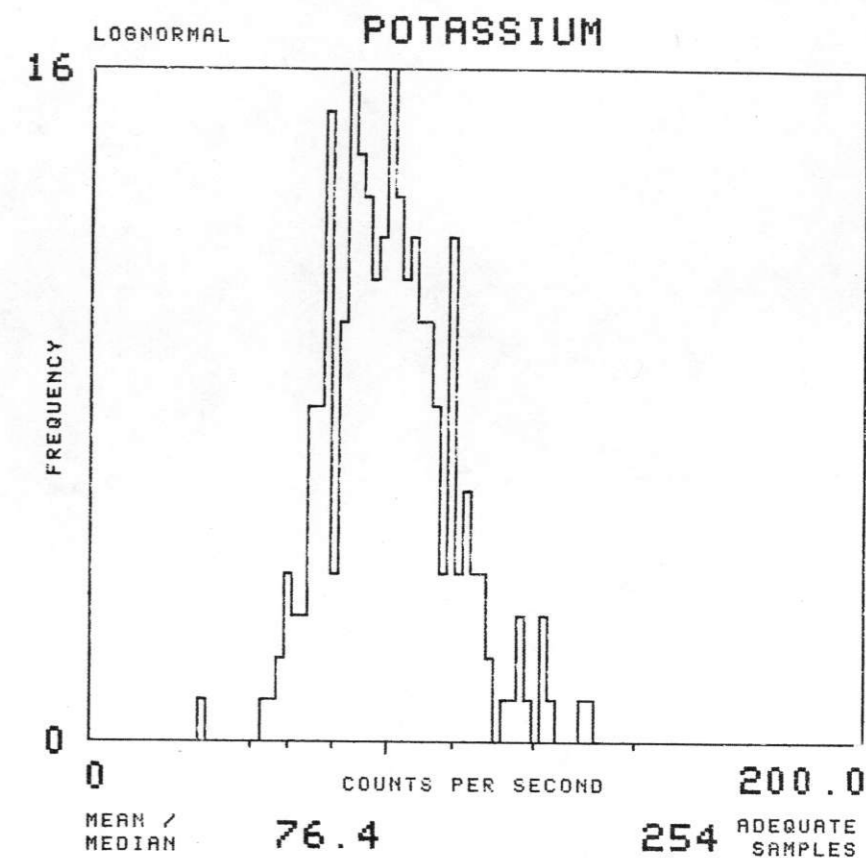
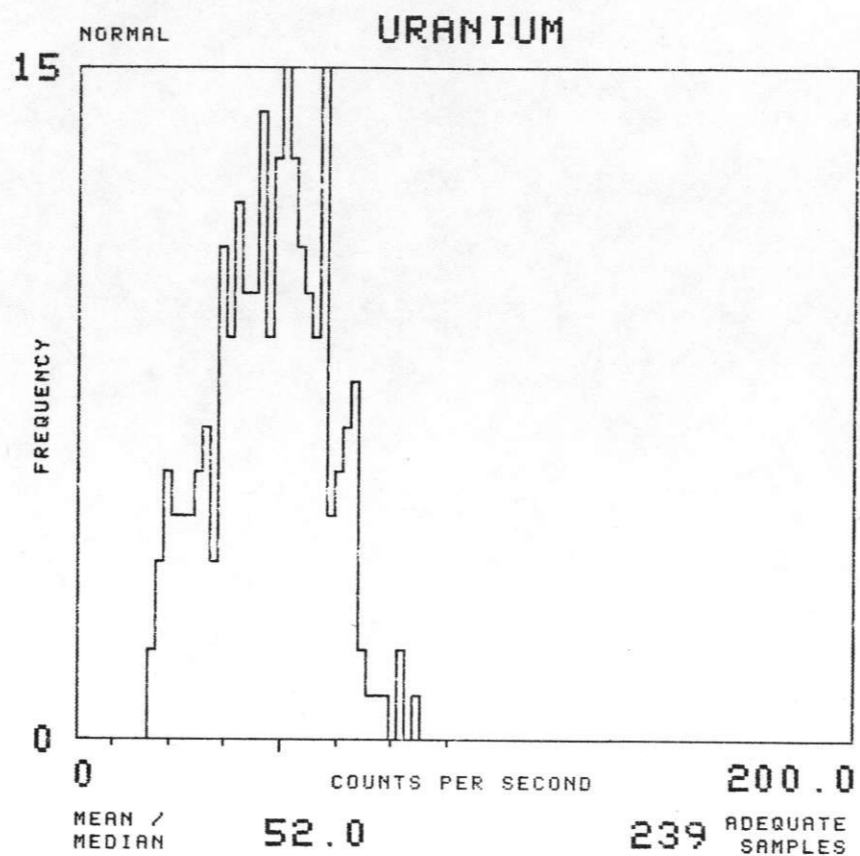
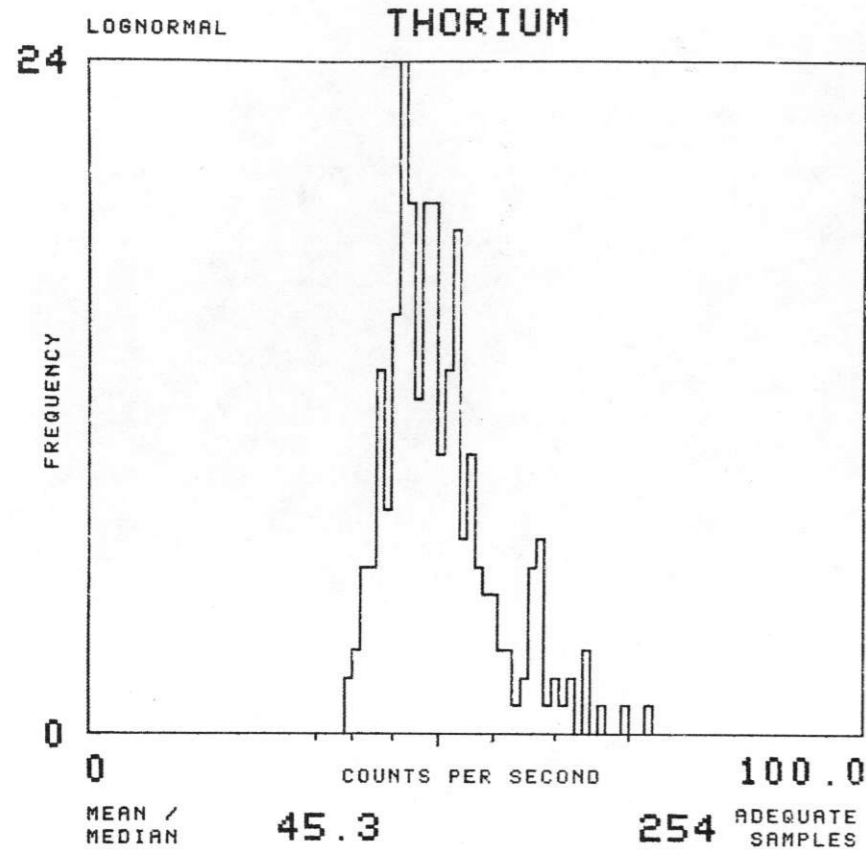


NTMS NK 14-12 LINCOLN

SOIL GROUP : BNKPSG TOTAL NUMBER OF SAMPLES 362

EAST SALINA BASIN - GEOMETRICS 1977



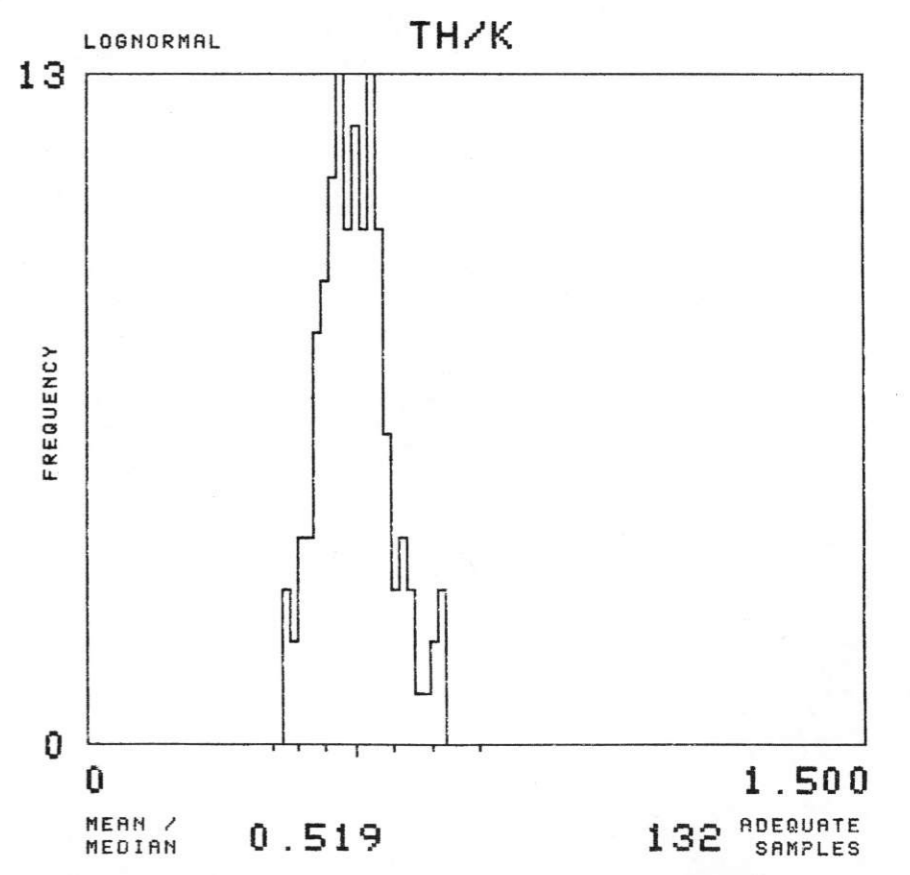
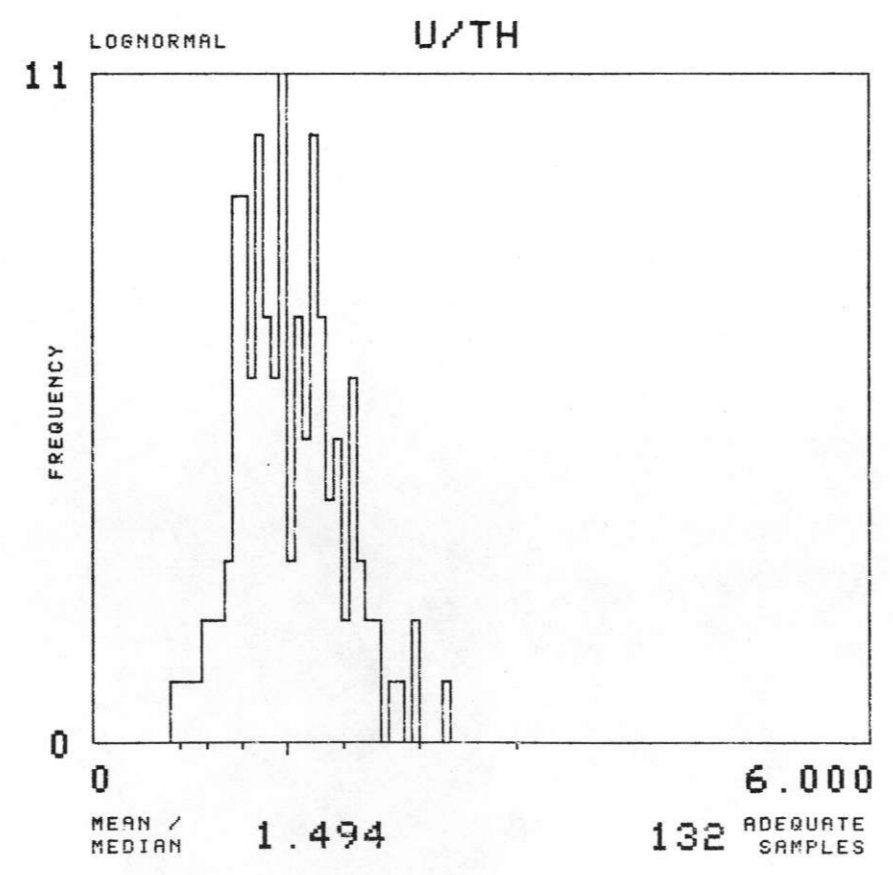
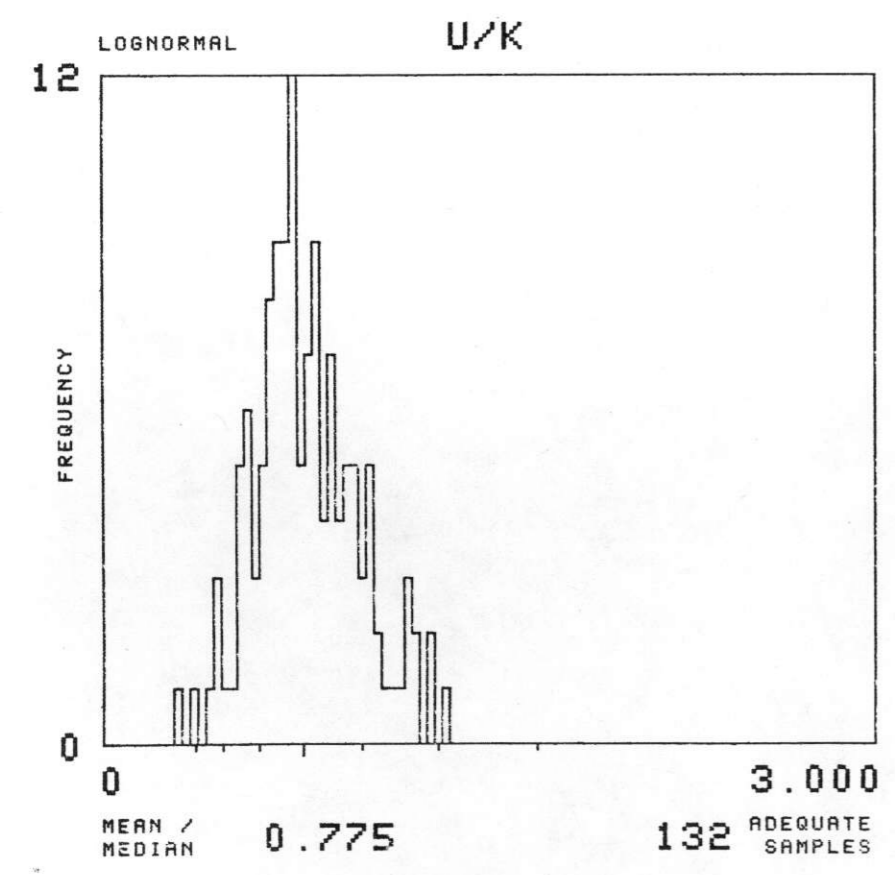
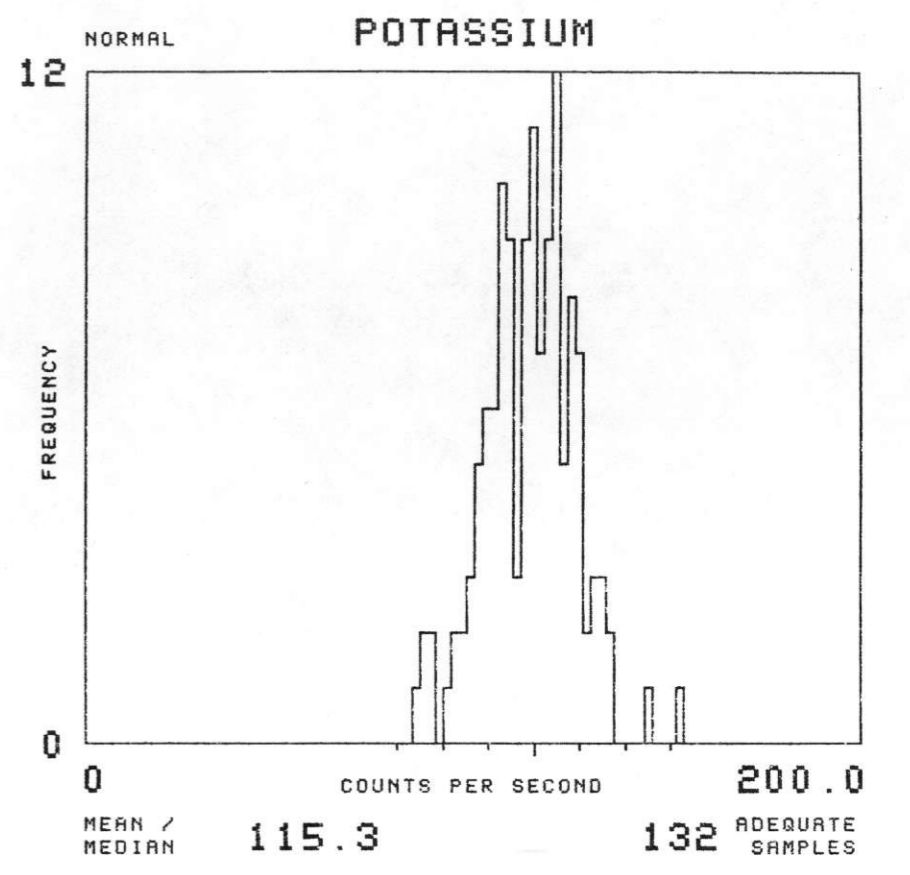
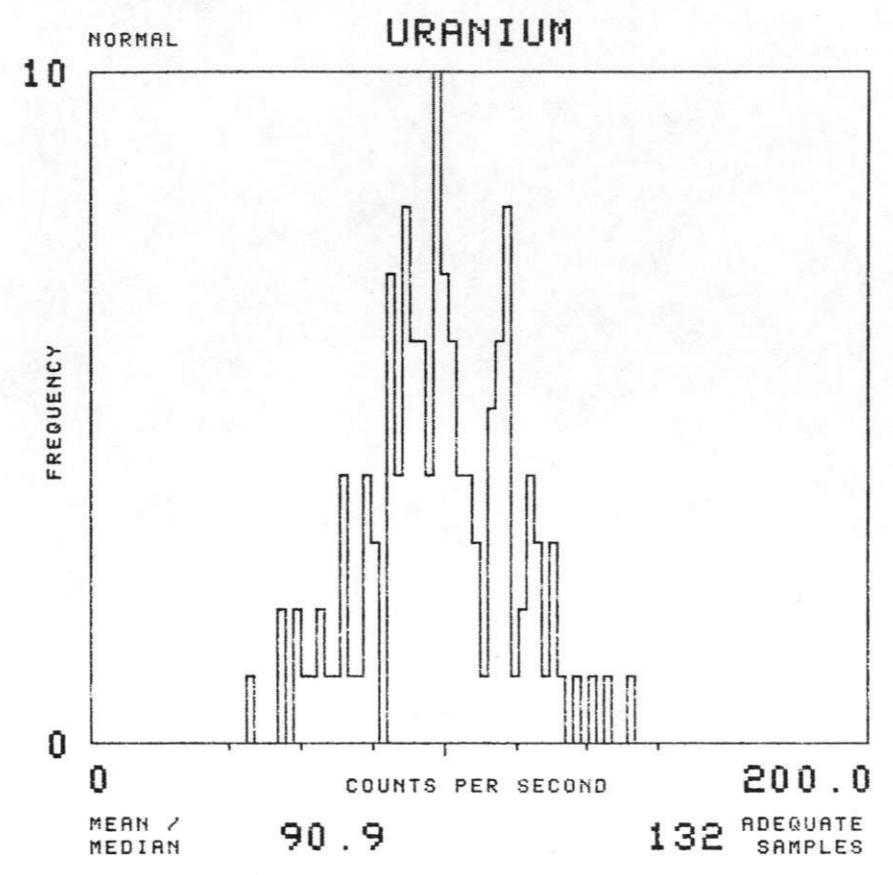
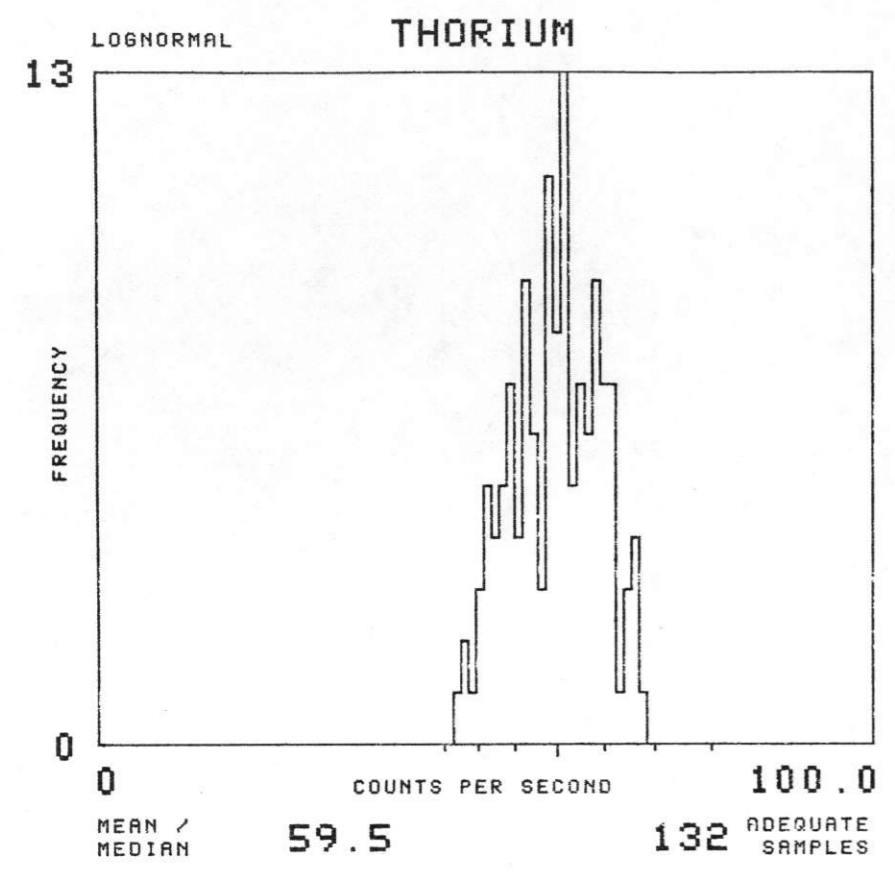


NTMS NK 14-12 LINCOLN

SOIL GROUP : C

TOTAL NUMBER OF SAMPLES 132

EAST SALINA BASIN - GEOMETRICS 1977

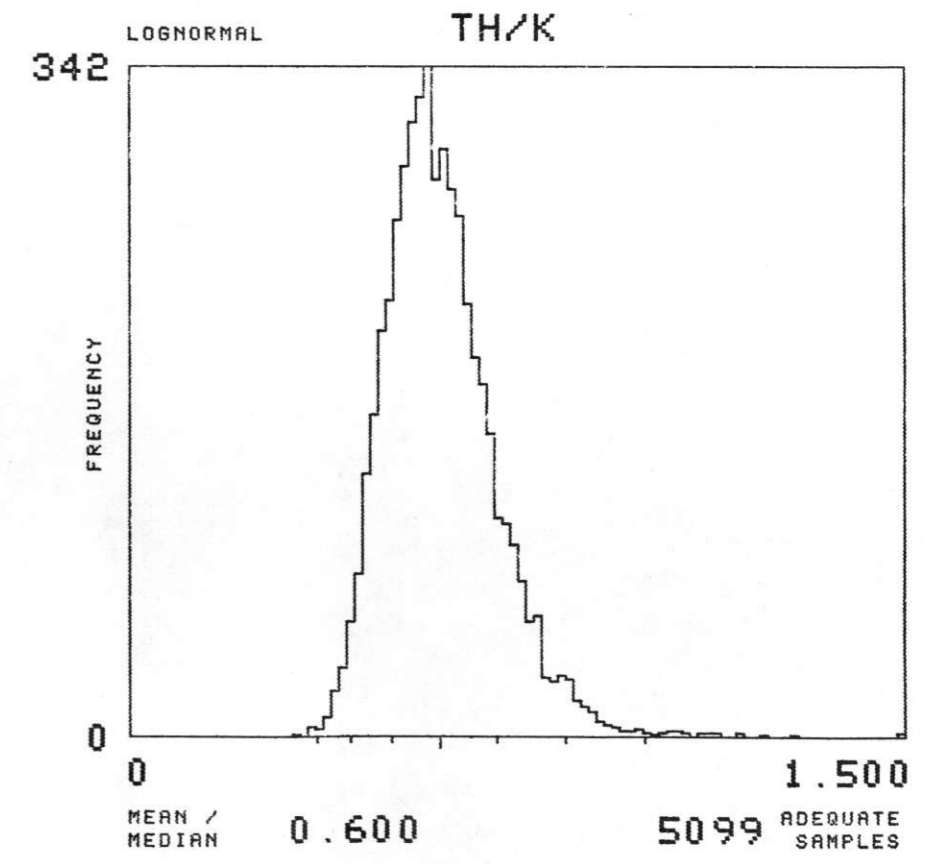
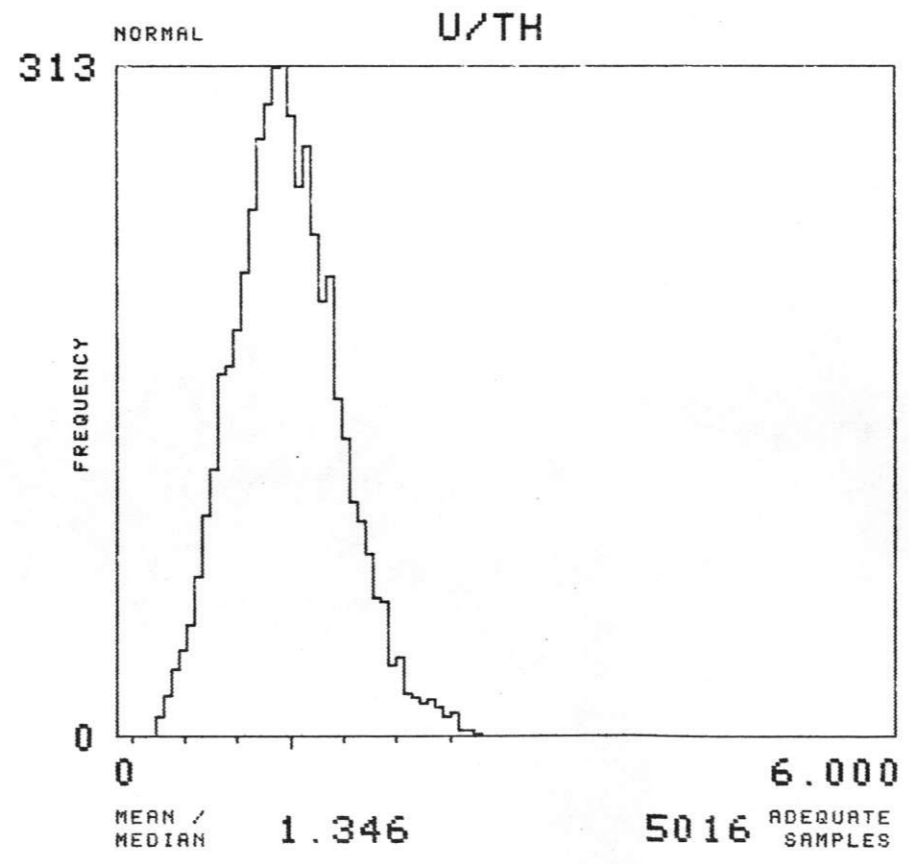
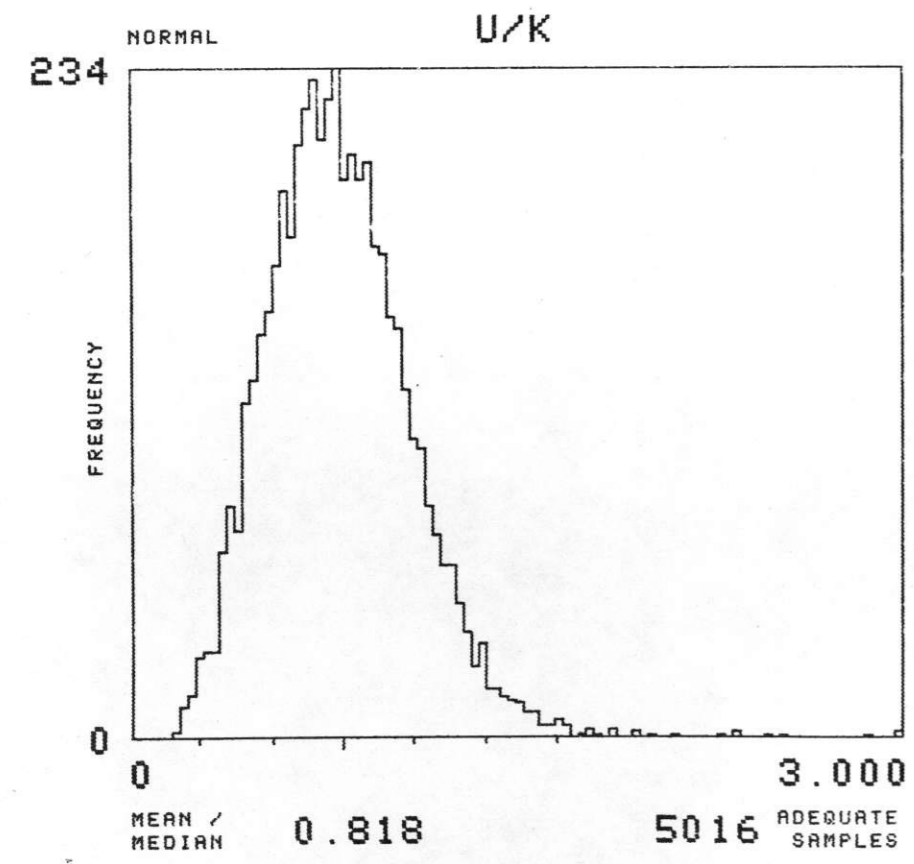
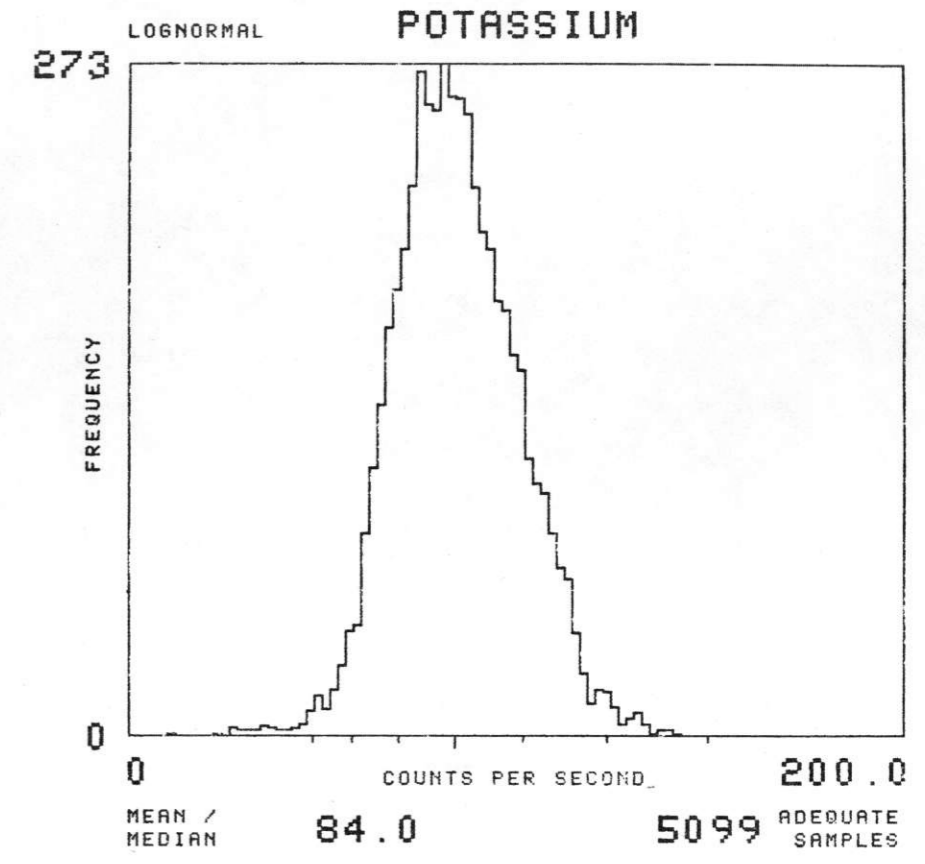
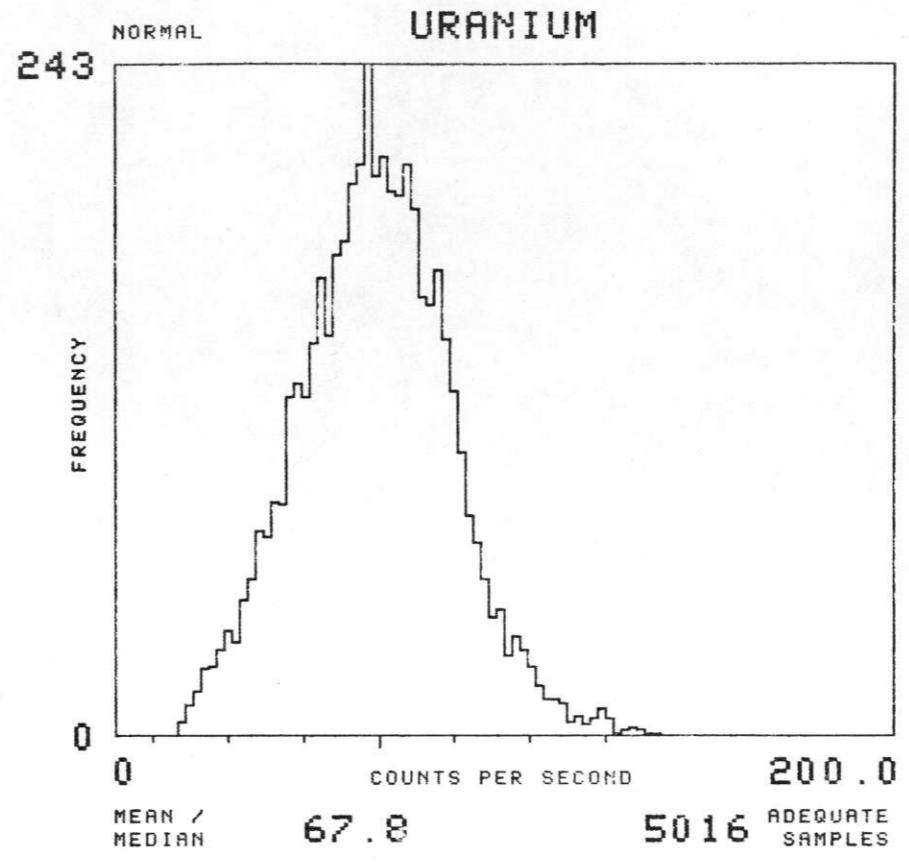
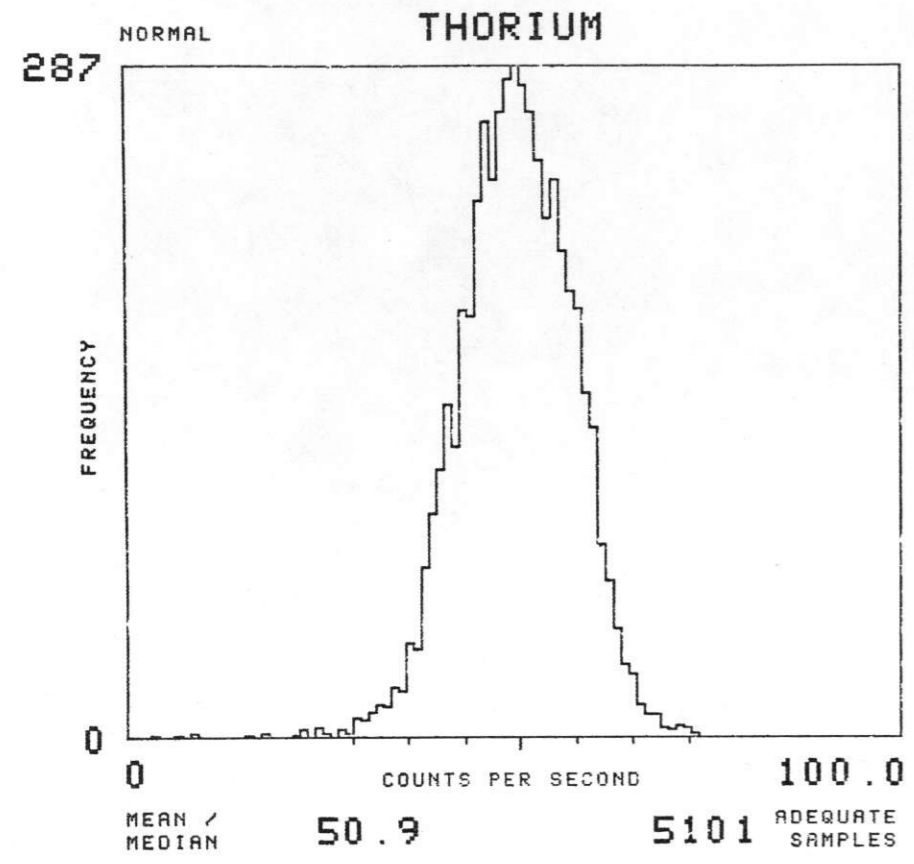


NTMS NK 14-12 LINCOLN

SOIL GROUP : CB

TOTAL NUMBER OF SAMPLES 5391

EAST SALINA BASIN - GEOMETRICS 1977

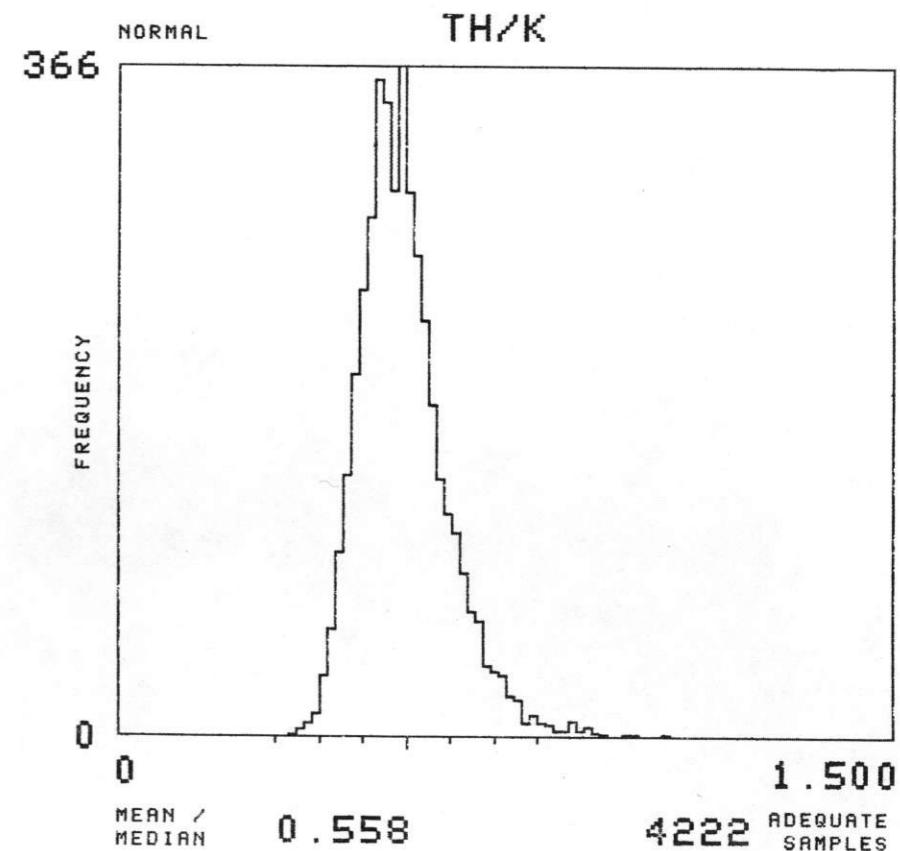
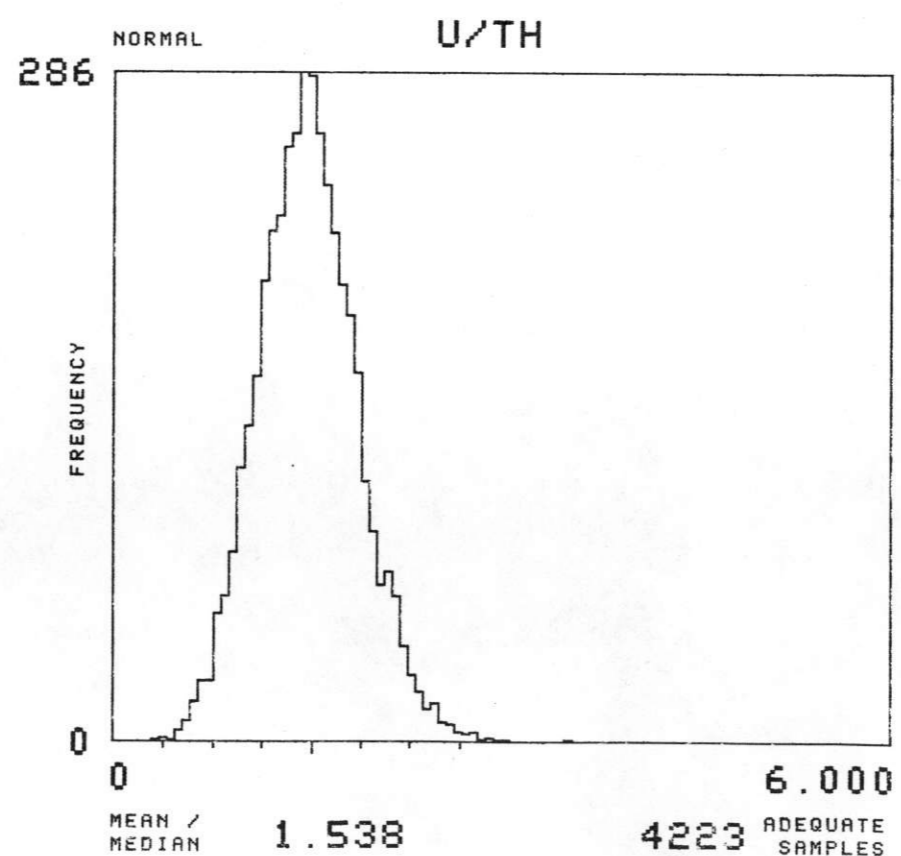
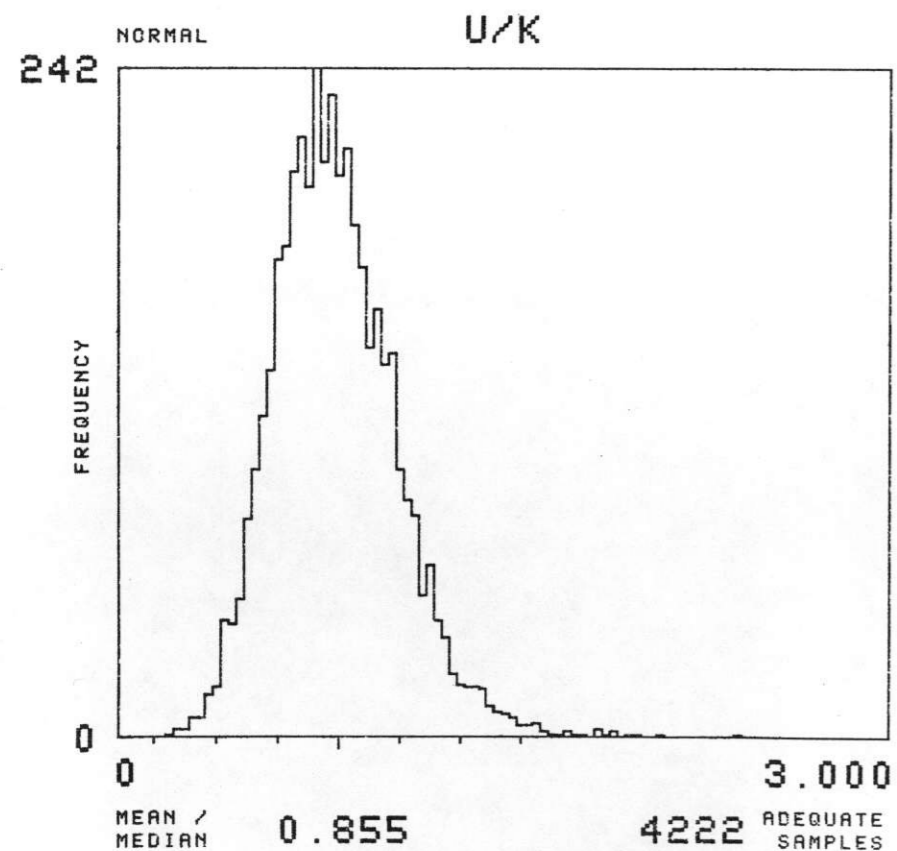
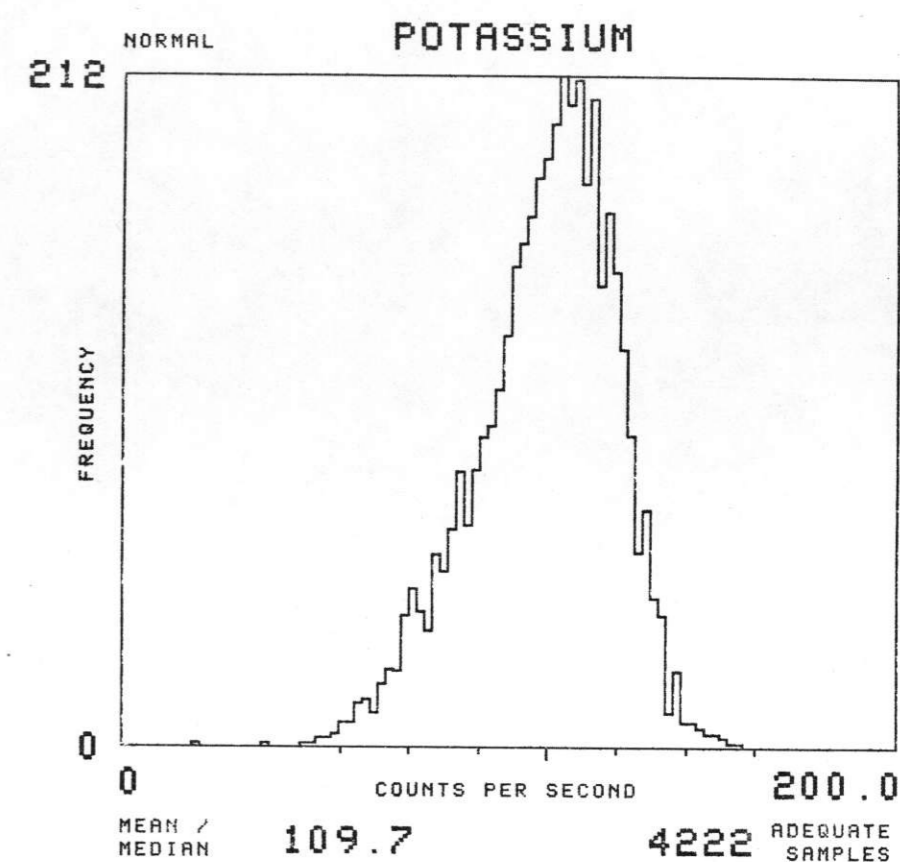
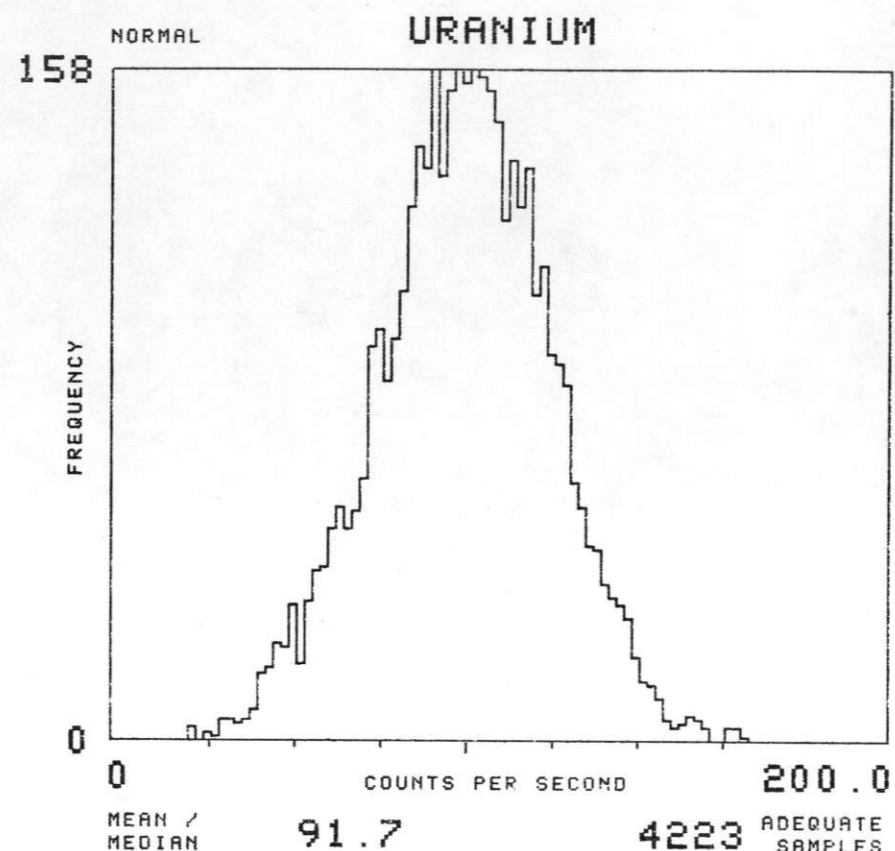
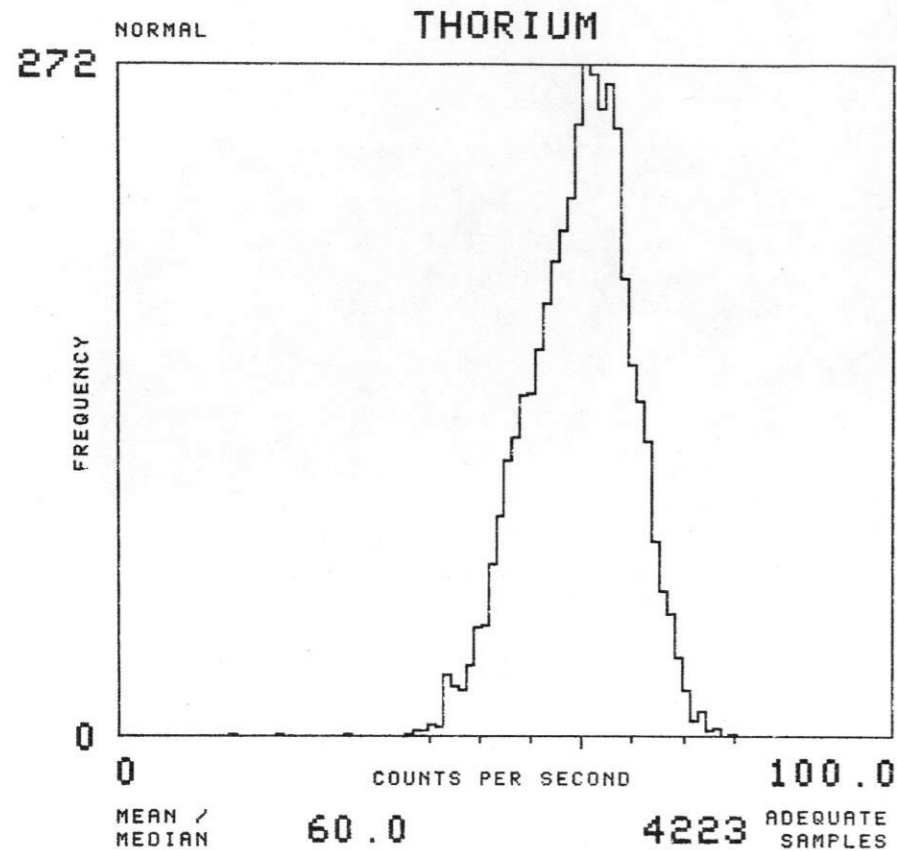


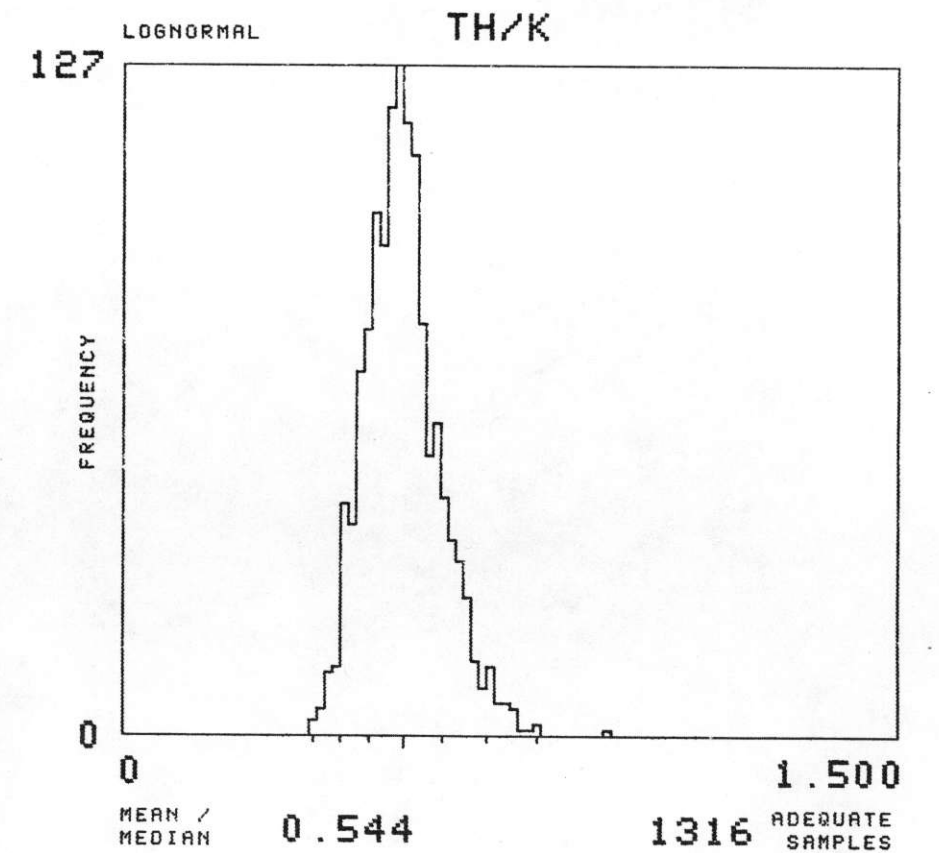
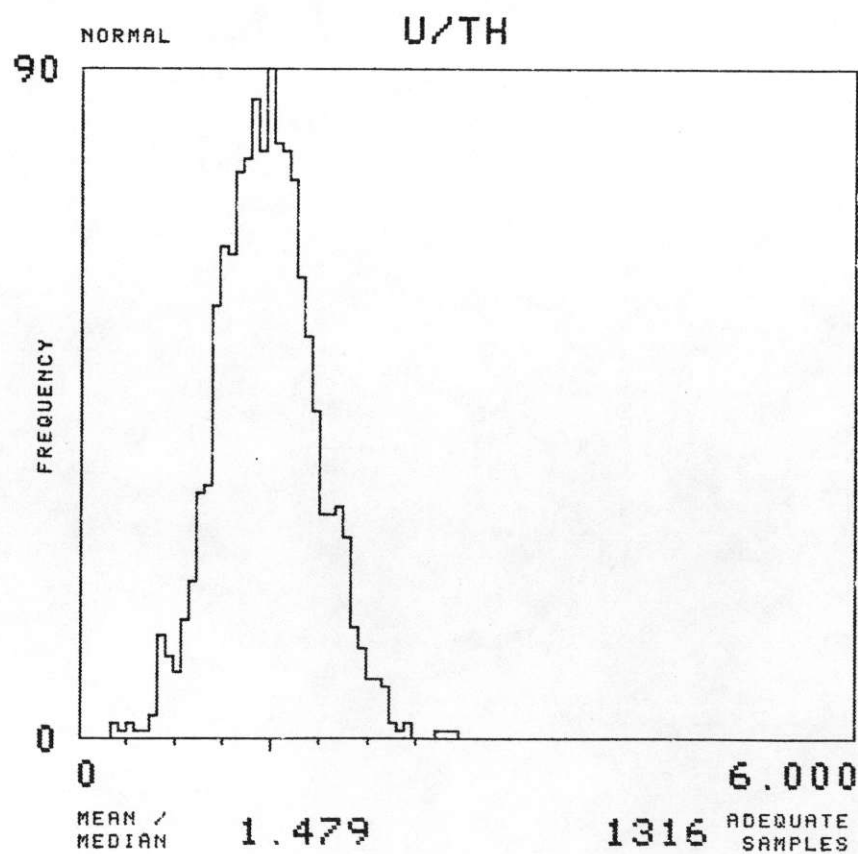
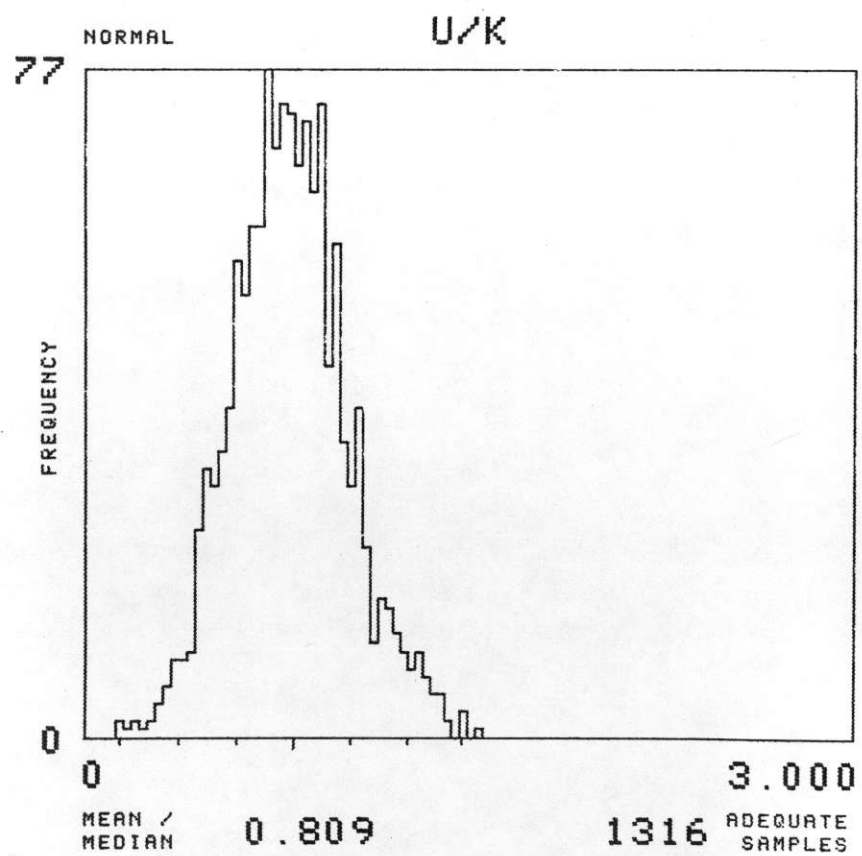
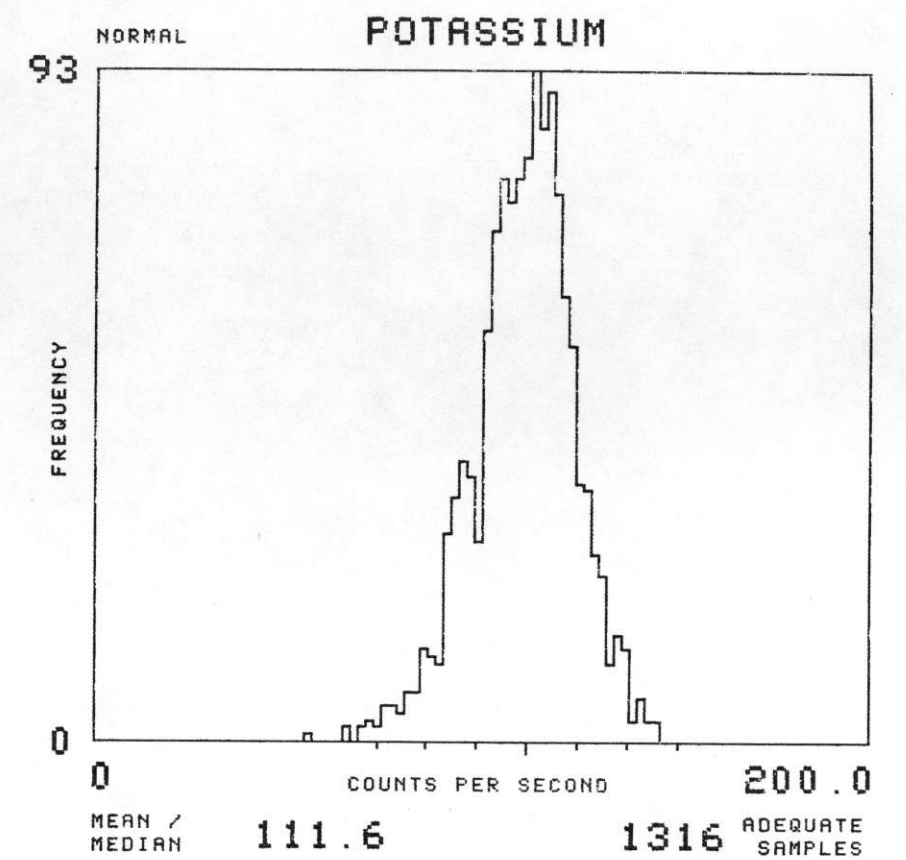
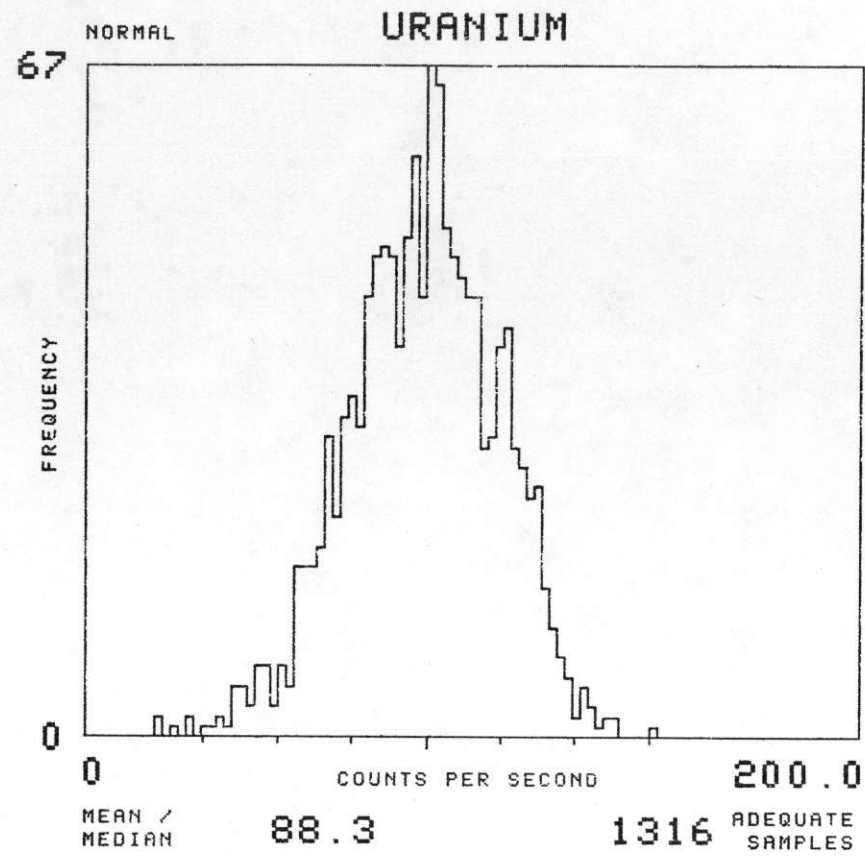
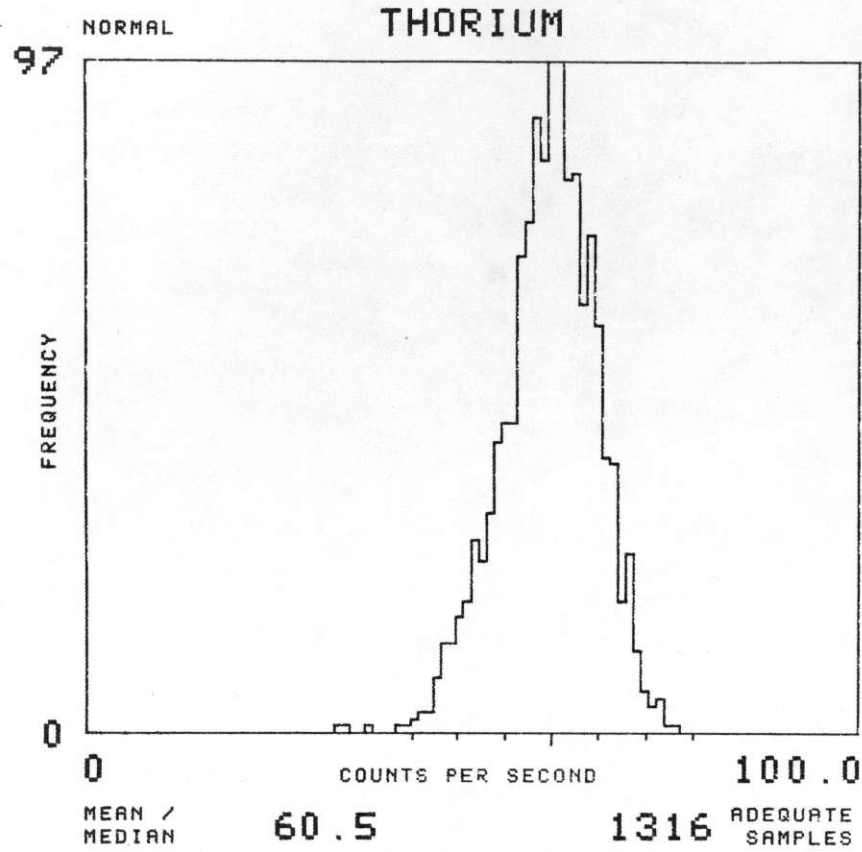
NTMS NK 14-12 LINCOLN

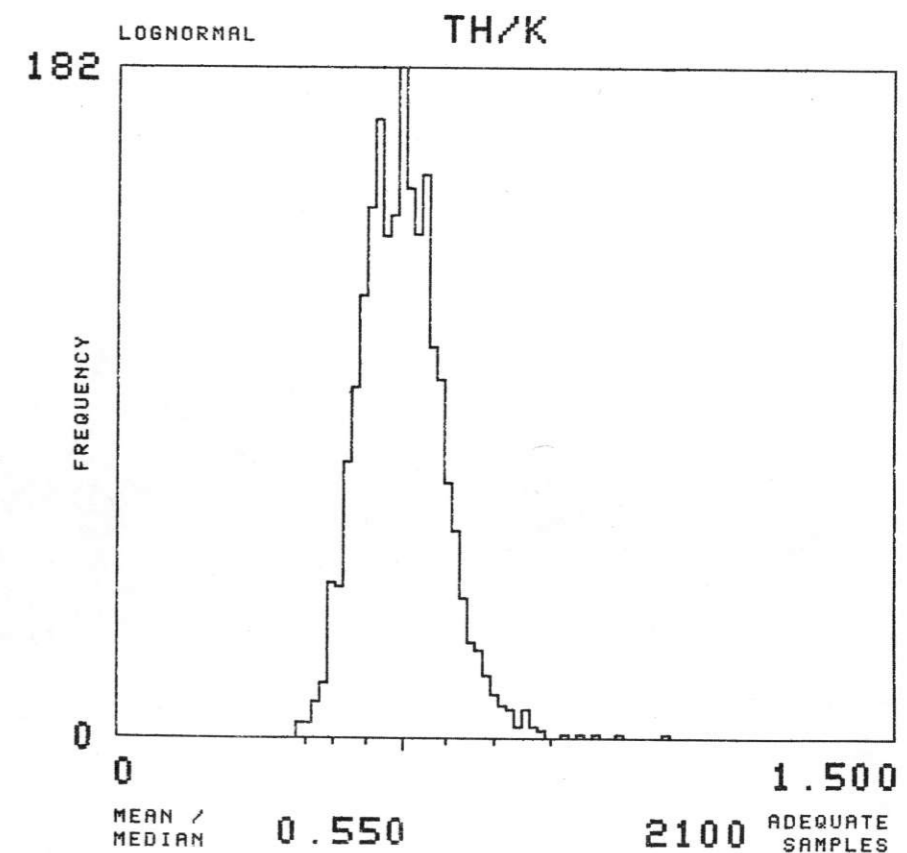
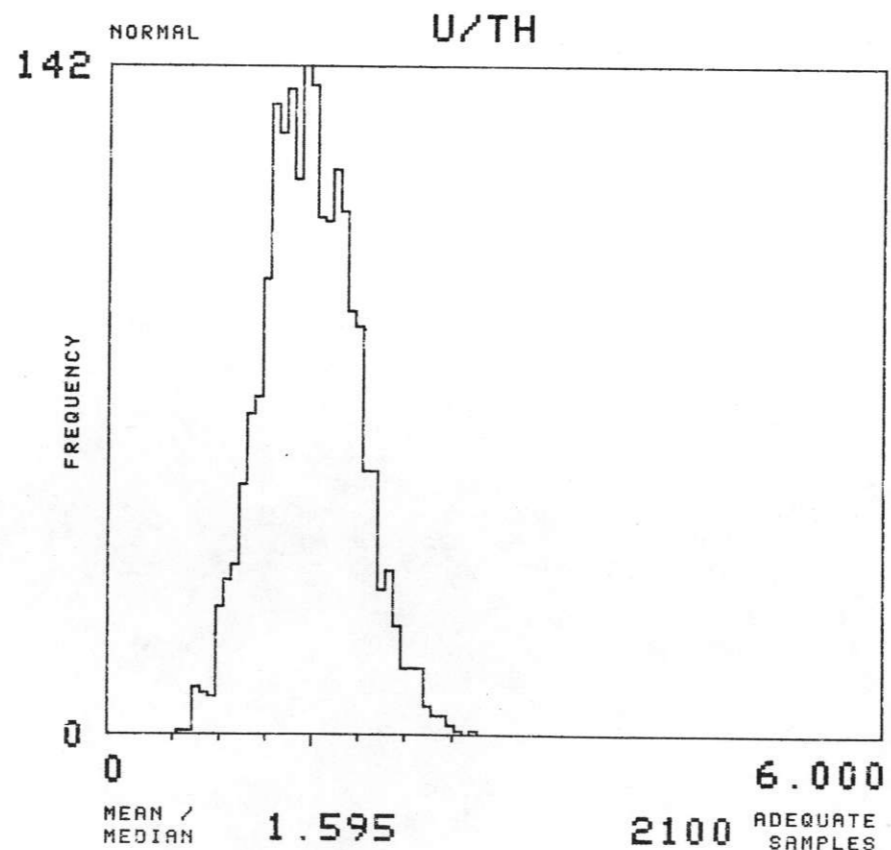
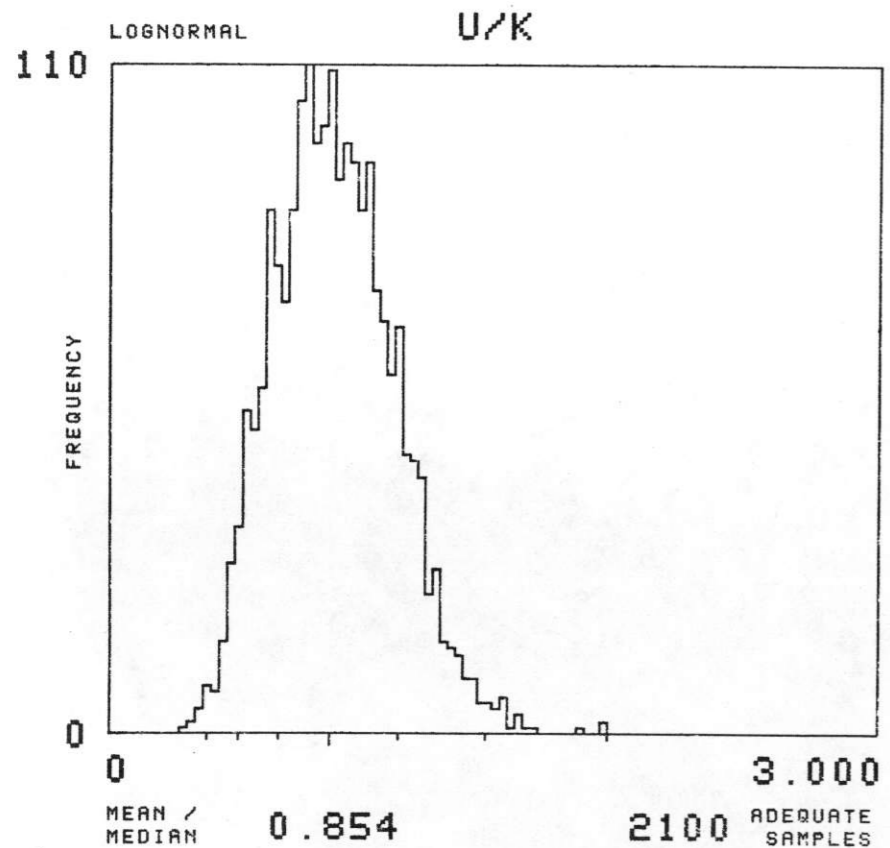
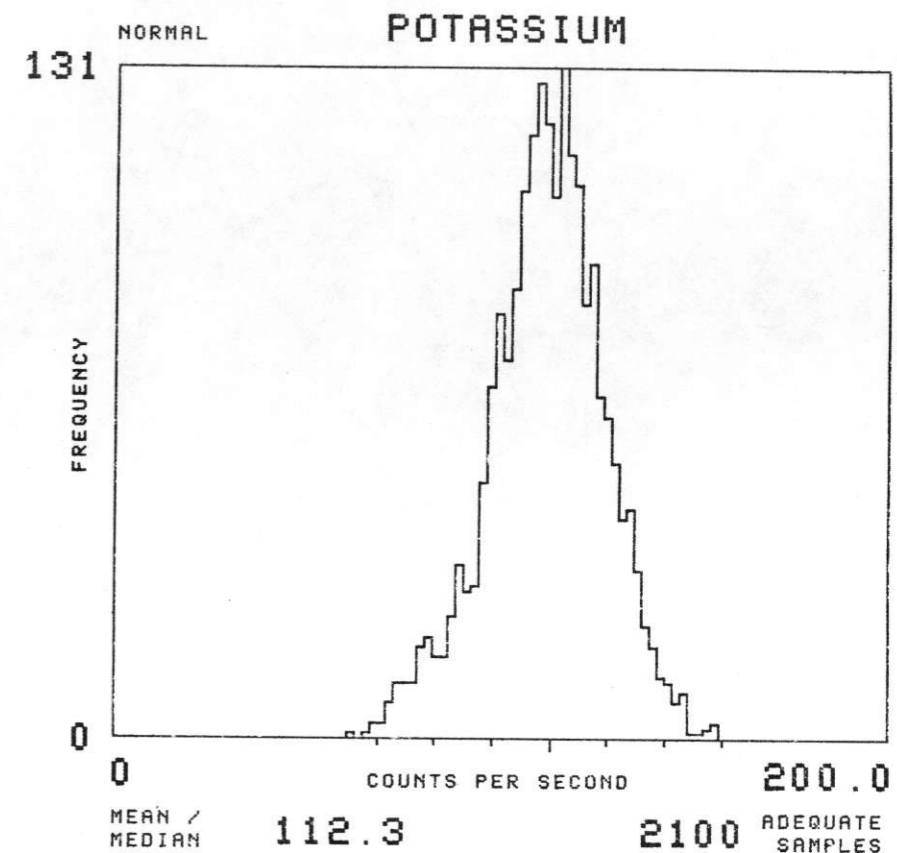
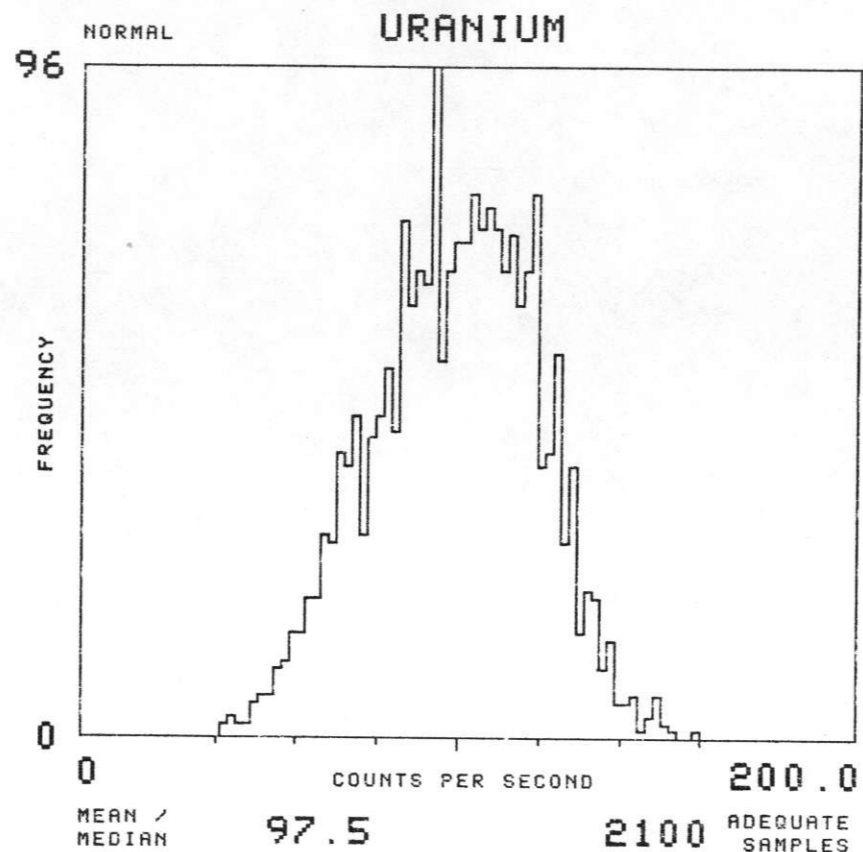
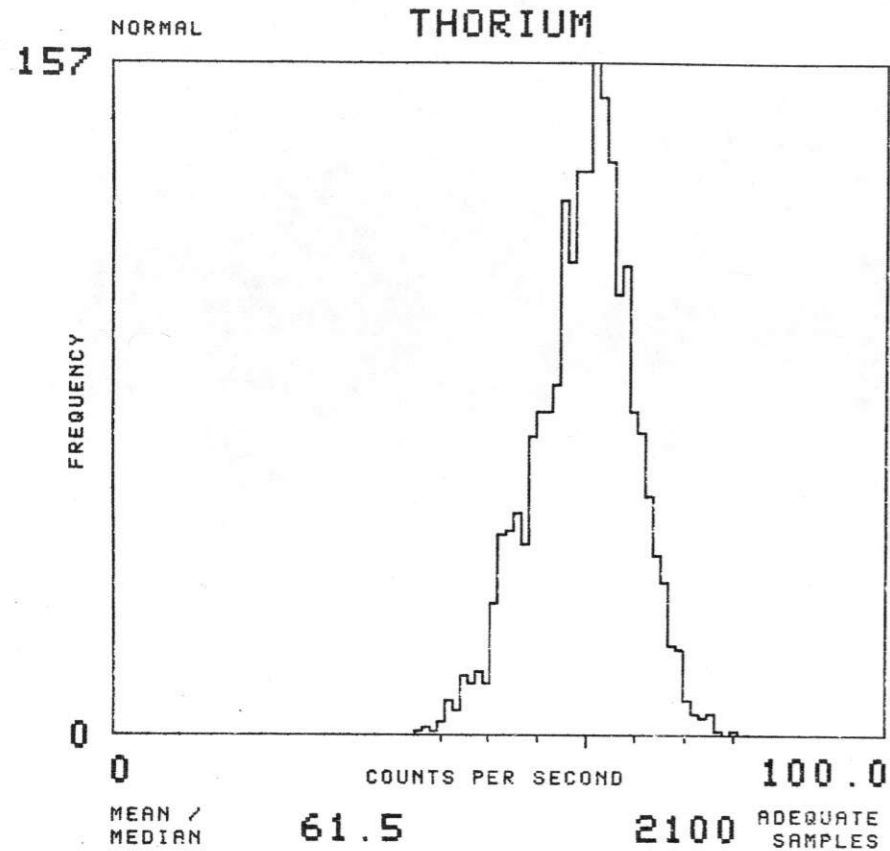
SOIL GROUP : CRBT

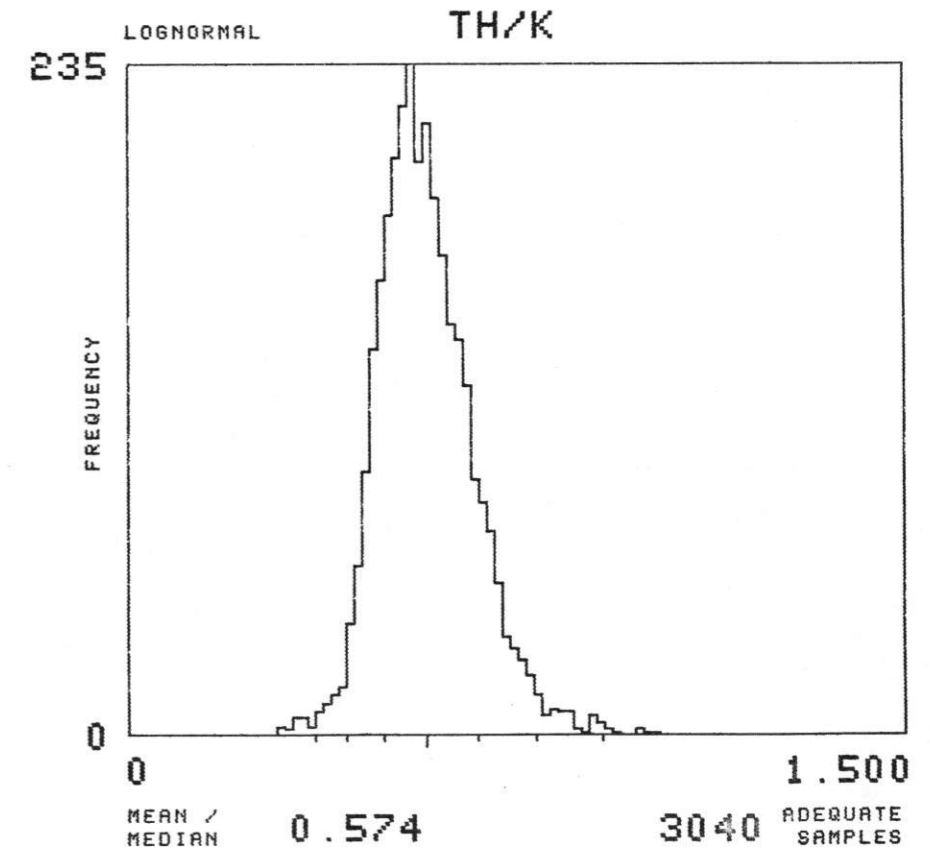
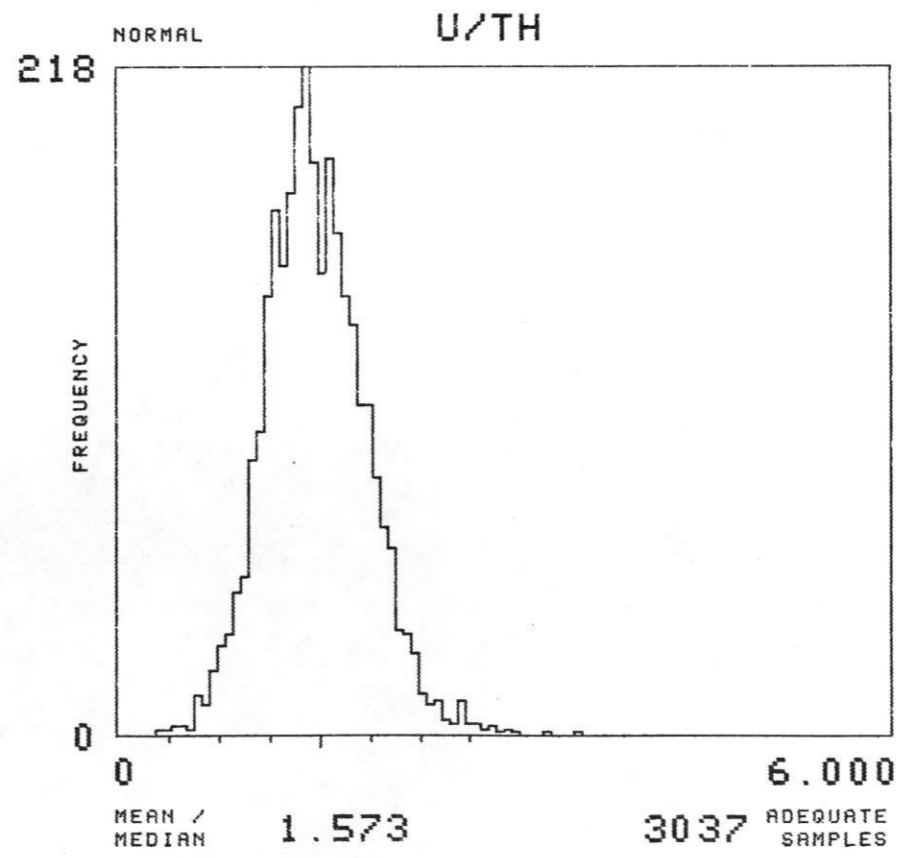
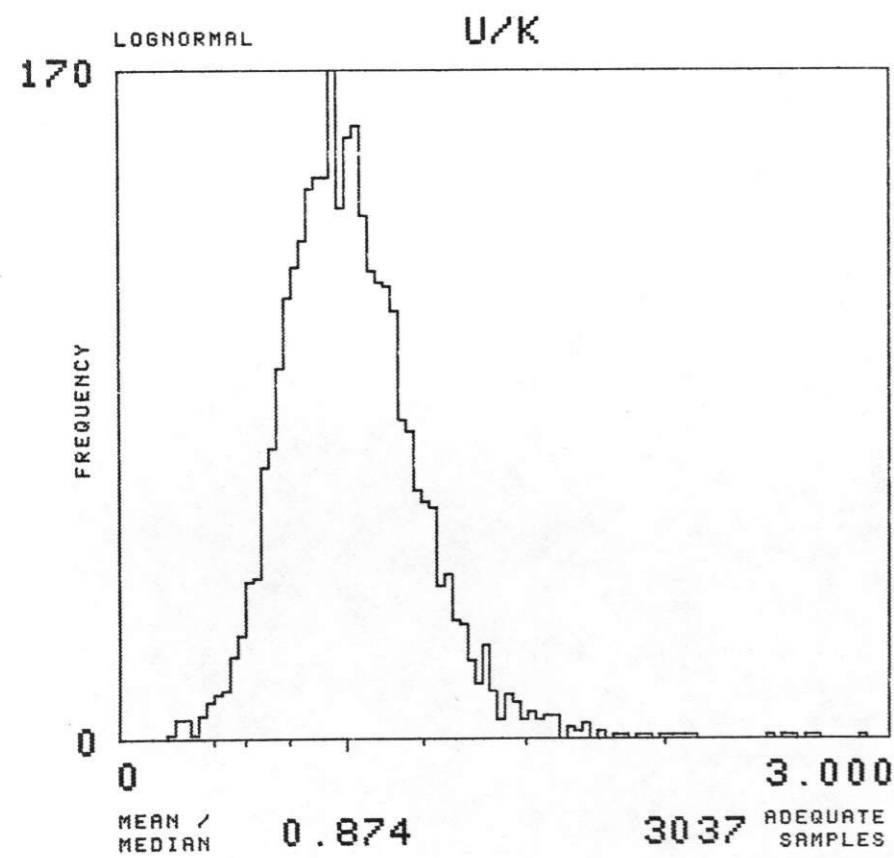
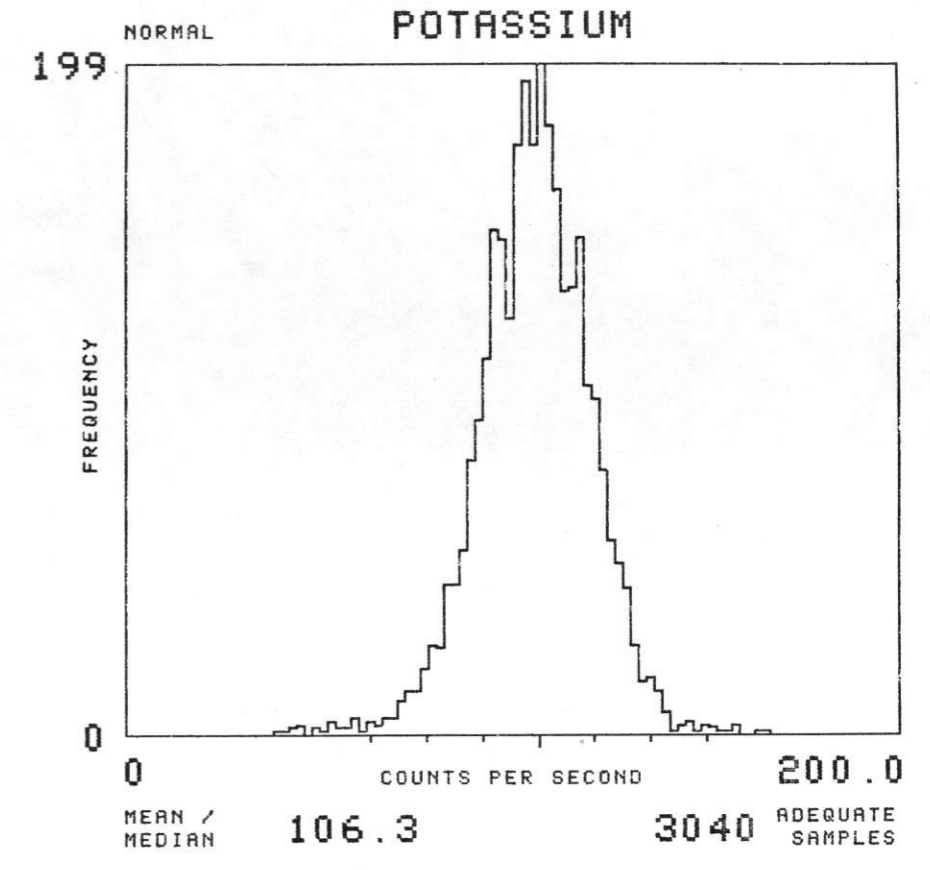
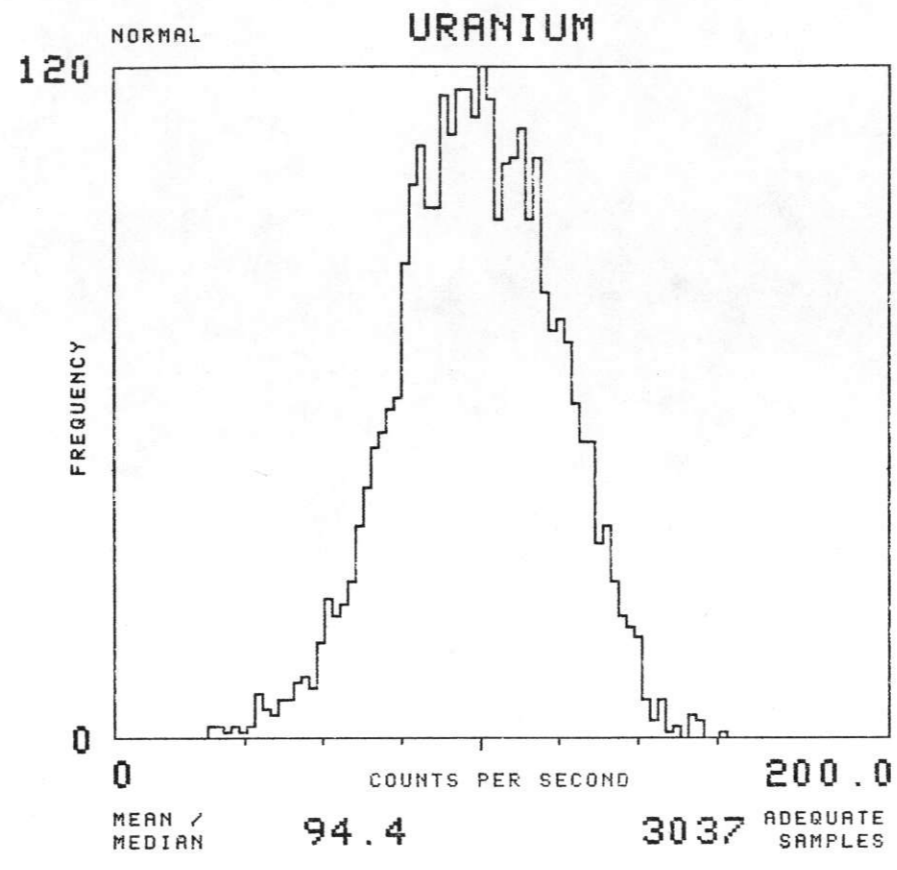
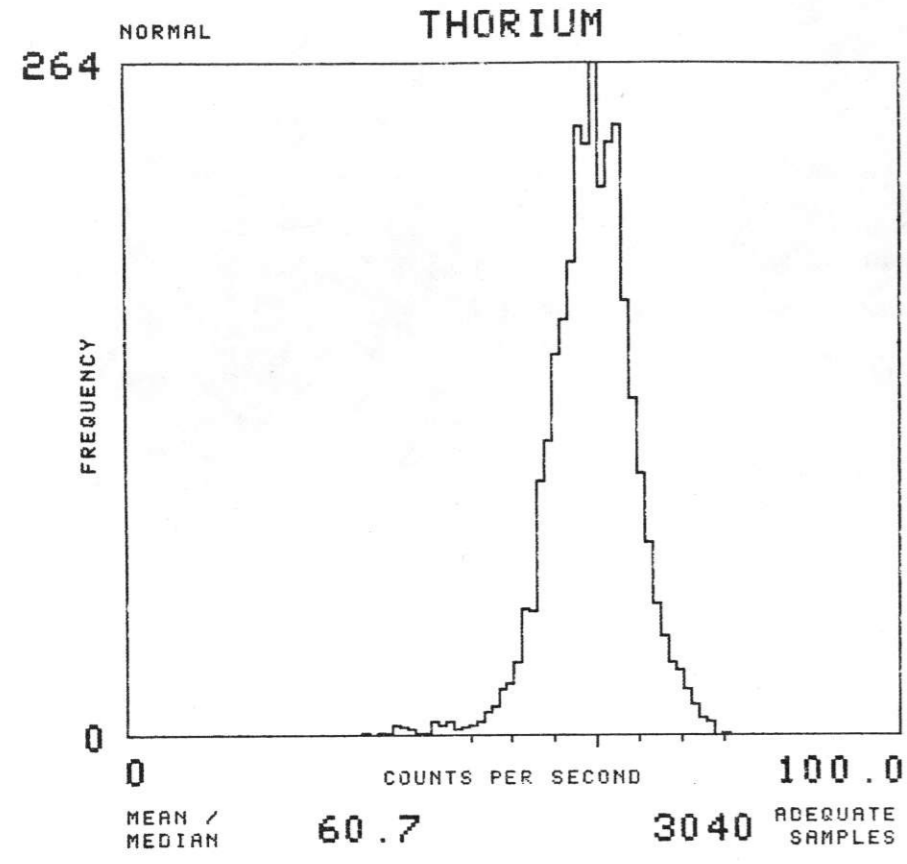
TOTAL NUMBER OF SAMPLES 4257

EAST SALINA BASIN - GEOMETRICS 1977





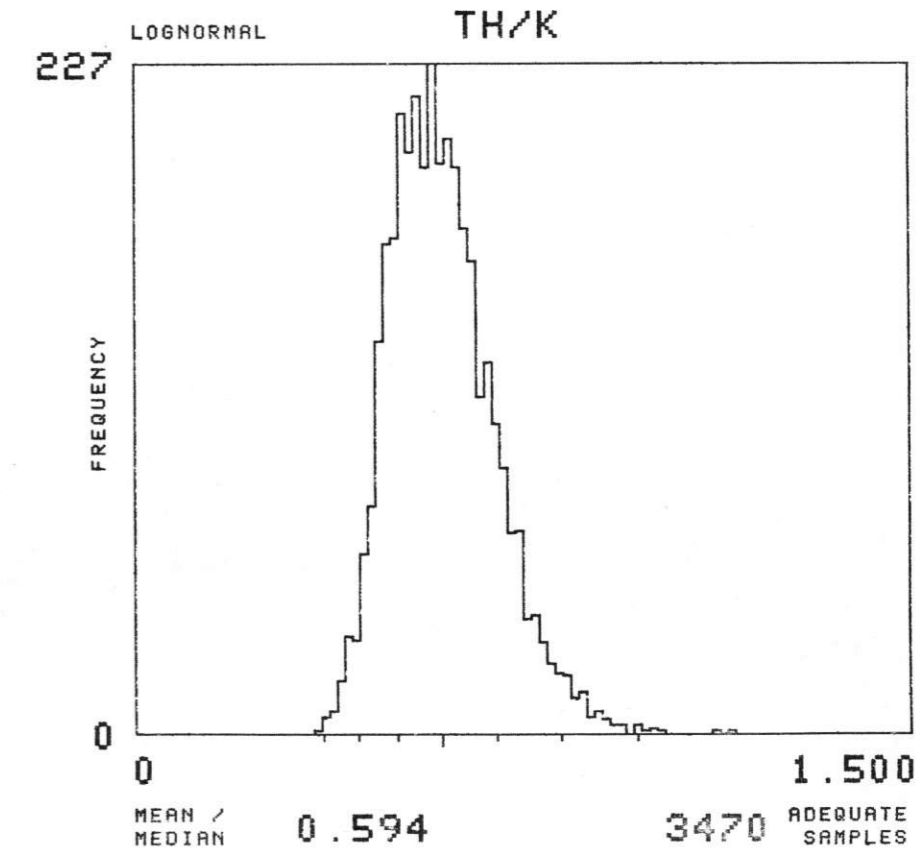
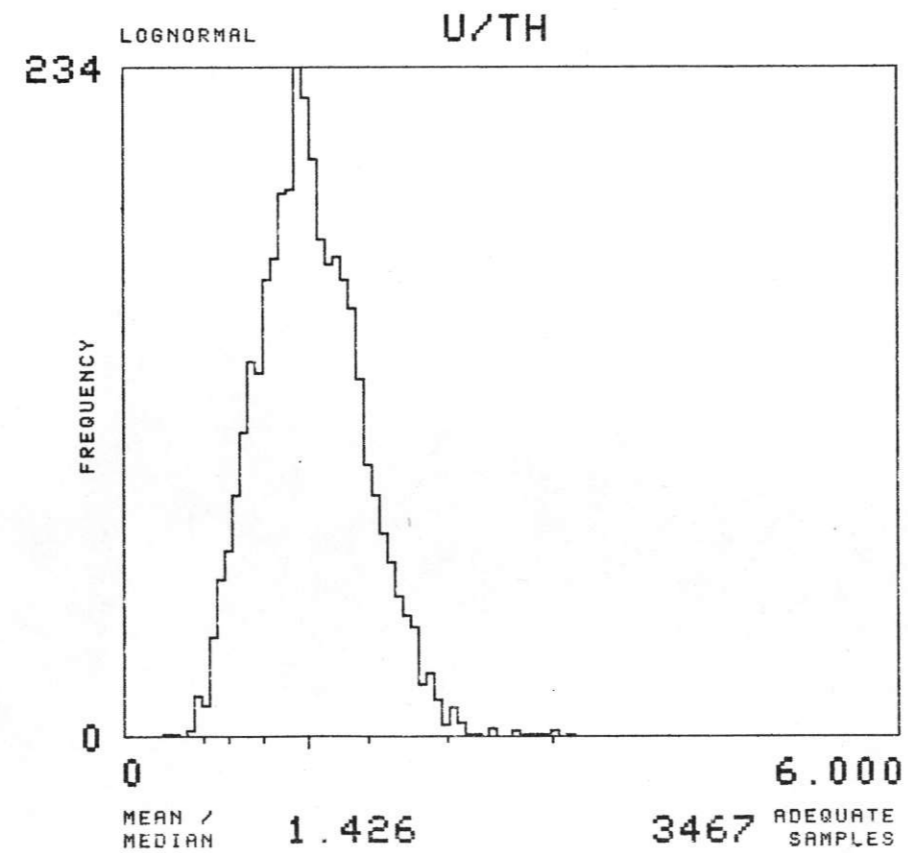
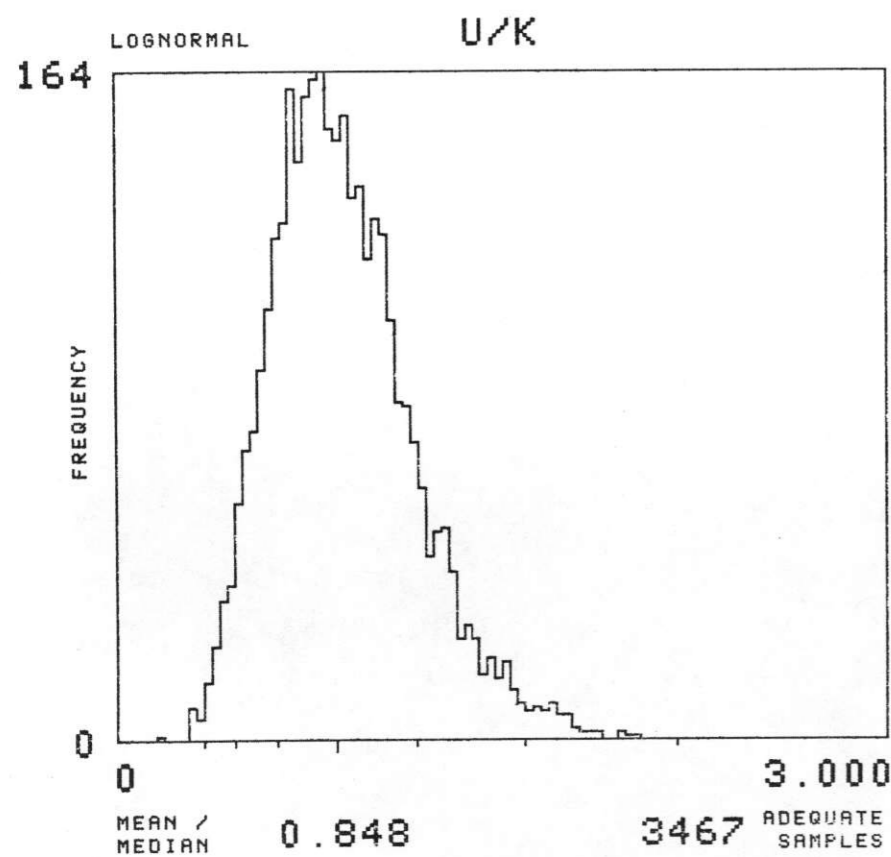
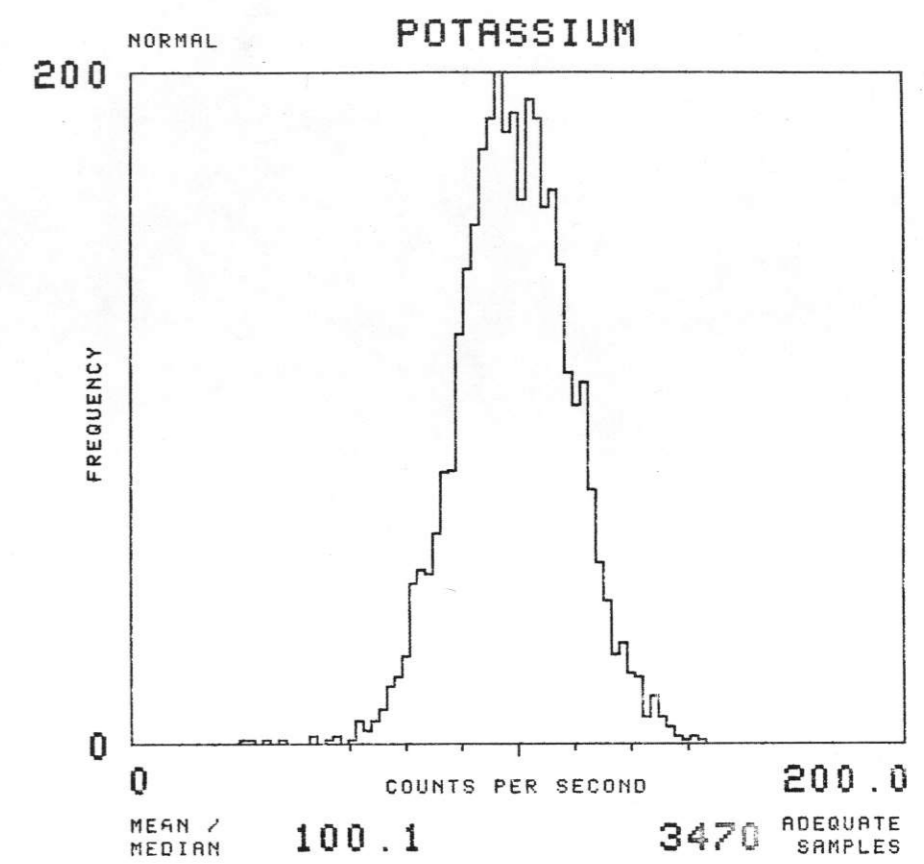
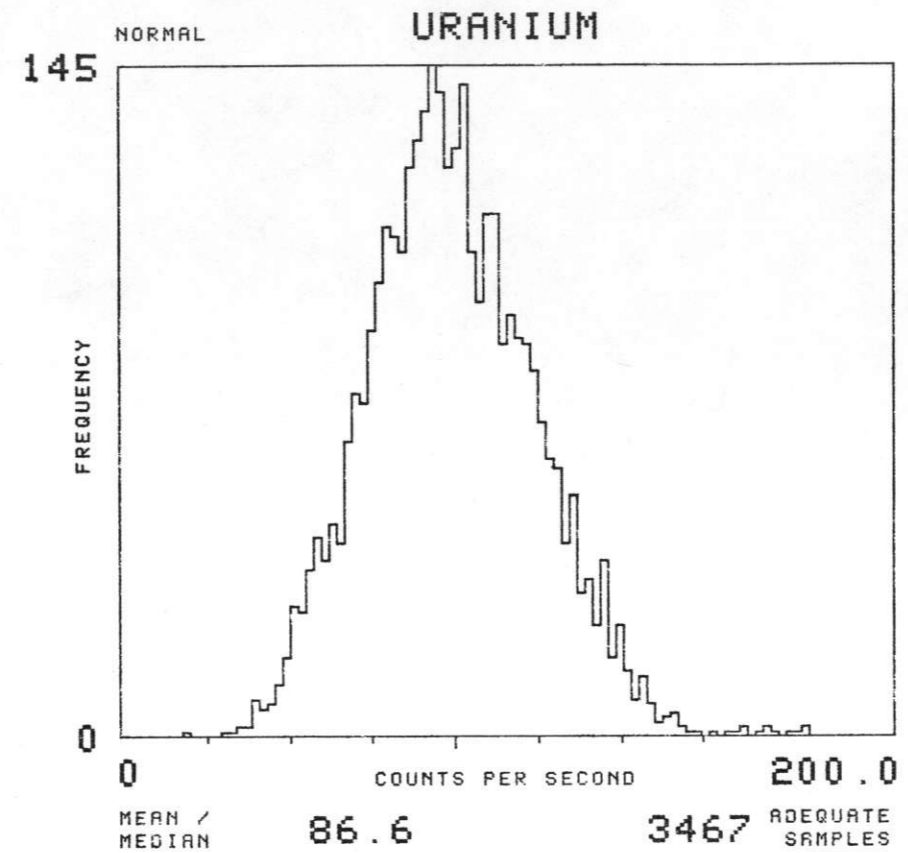
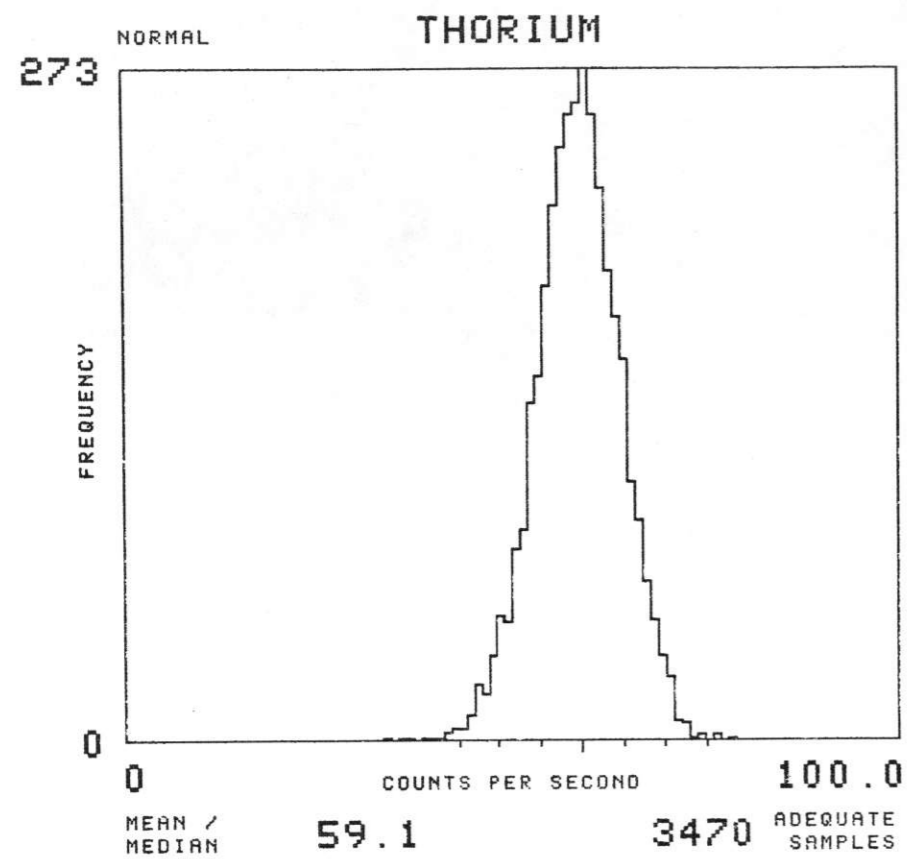




NTMS NK 14-12 LINCOLN

SOIL GROUP : CRPA TOTAL NUMBER OF SAMPLES 3470

EAST SALINA BASIN - GEOMETRICS 1977

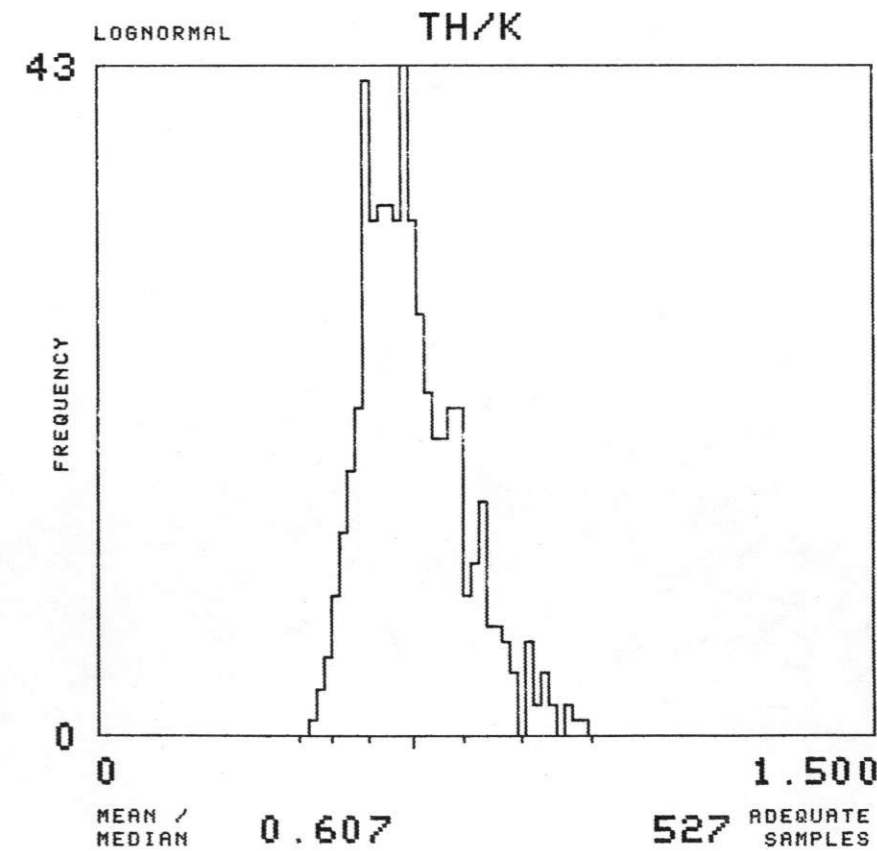
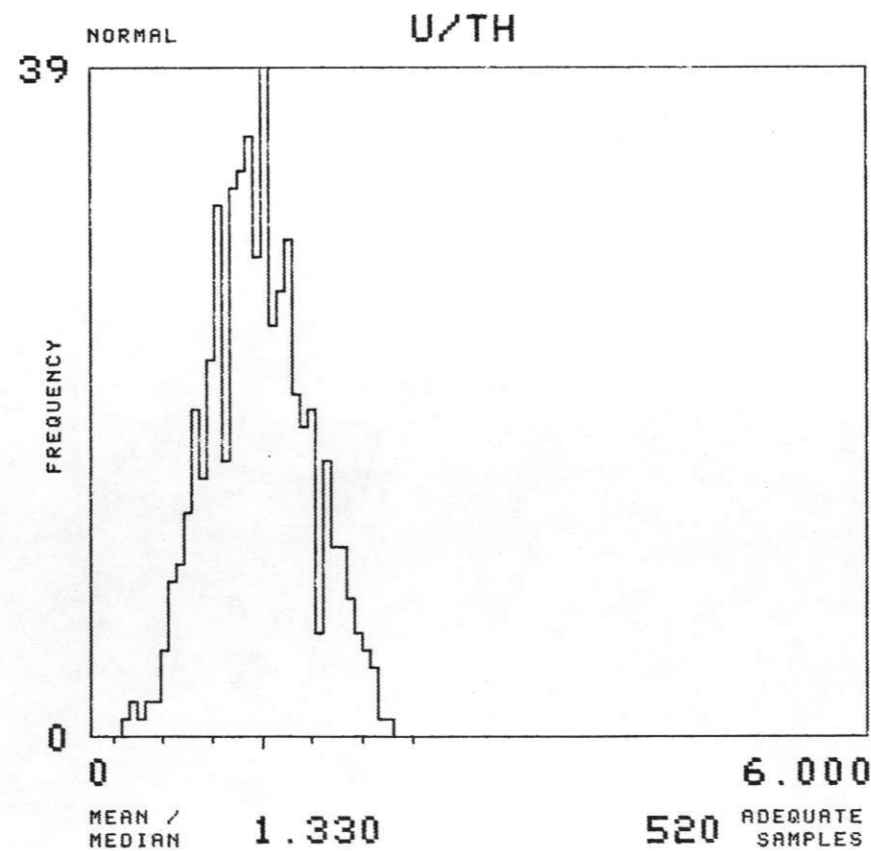
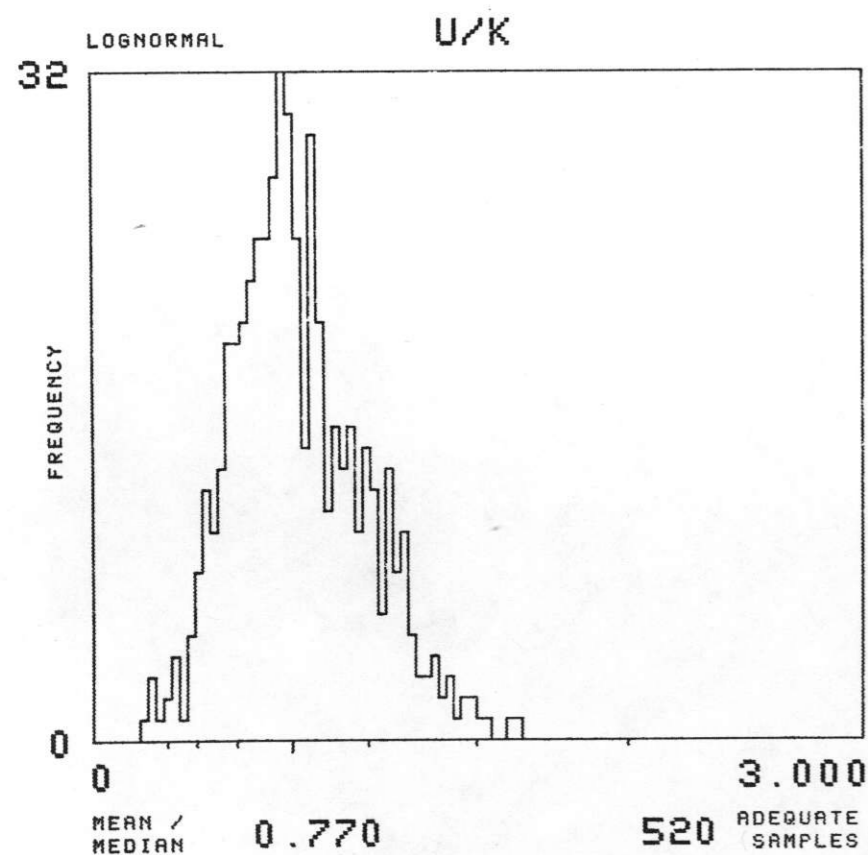
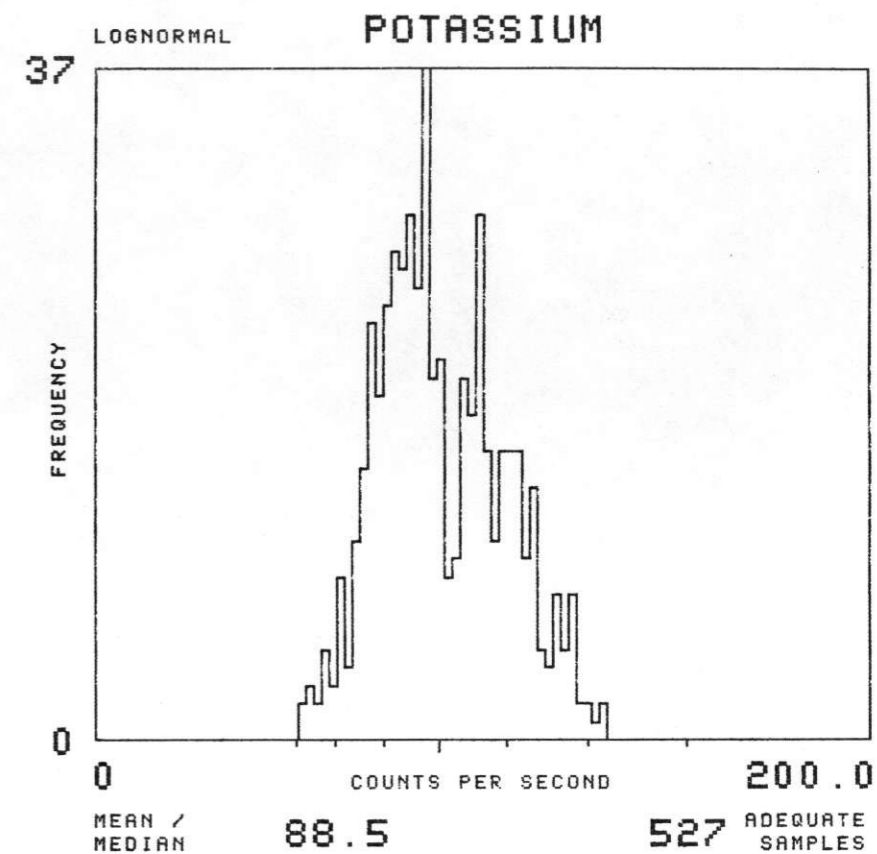
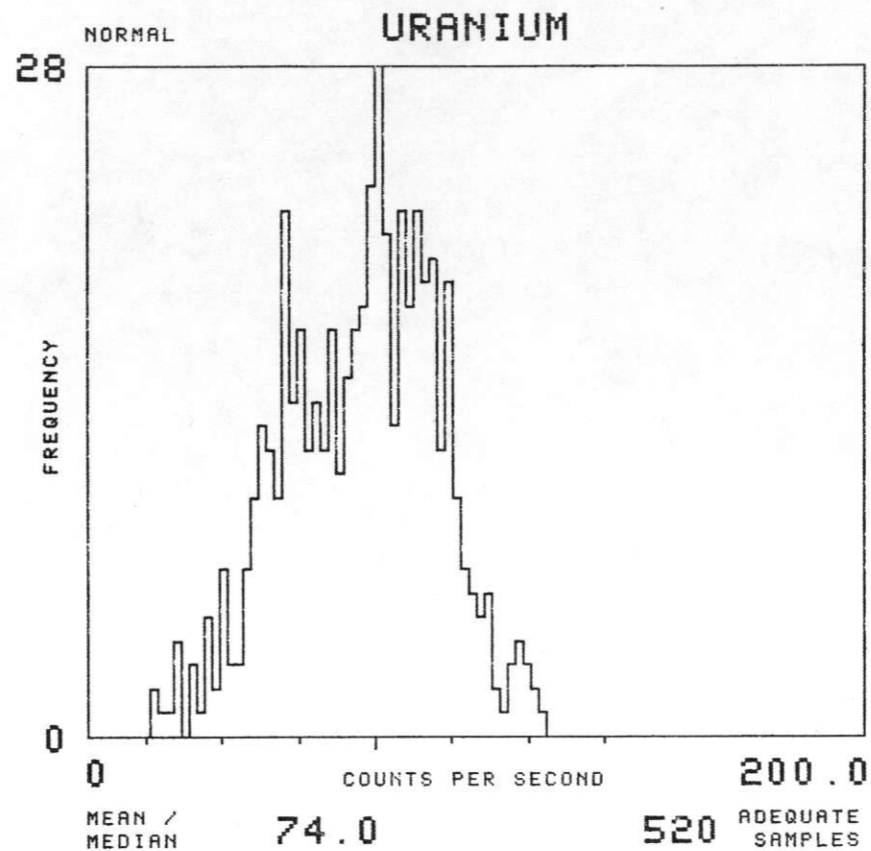
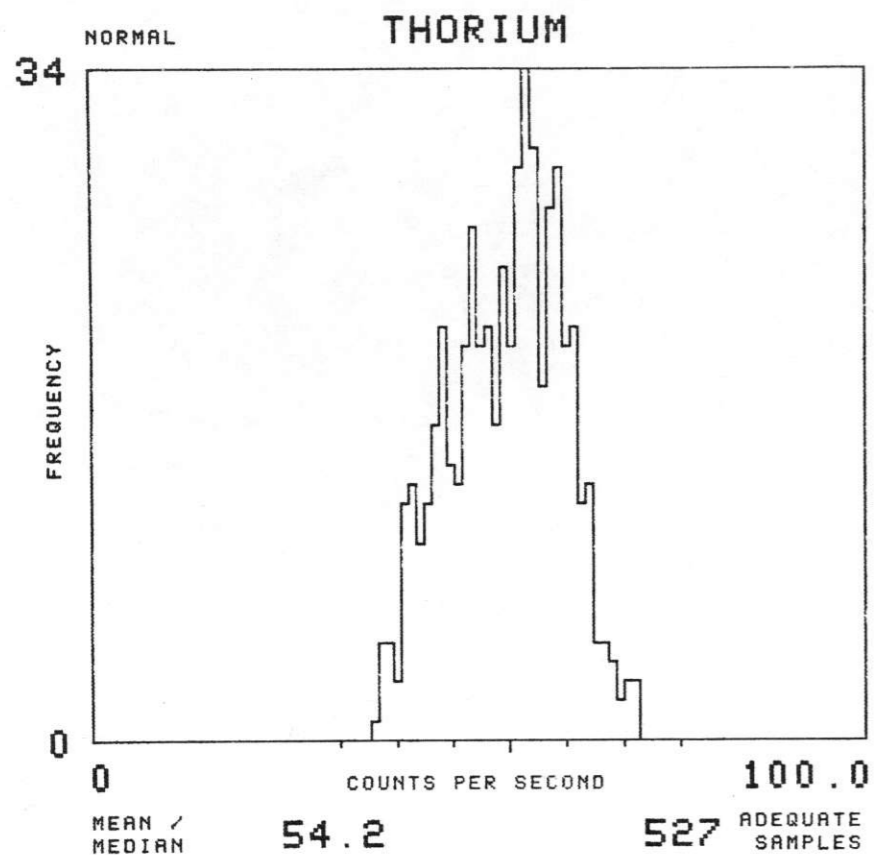


NTMS NK 14-12 LINCOLN

SOIL GROUP : CRS

TOTAL NUMBER OF SAMPLES 527

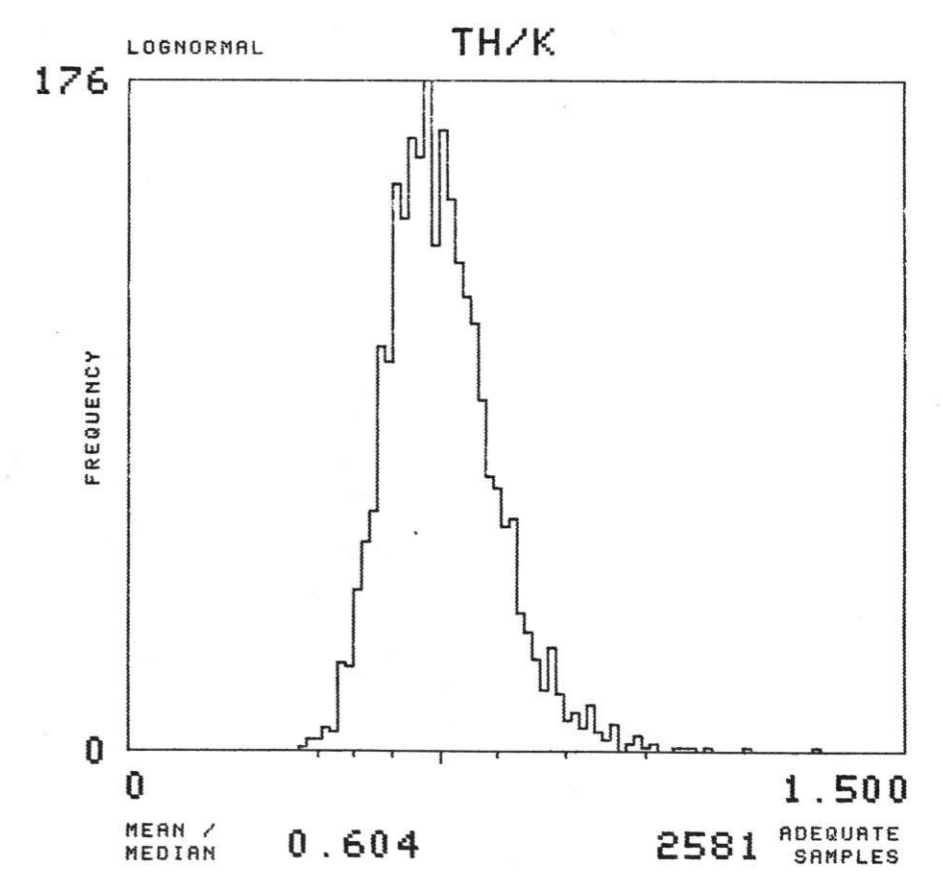
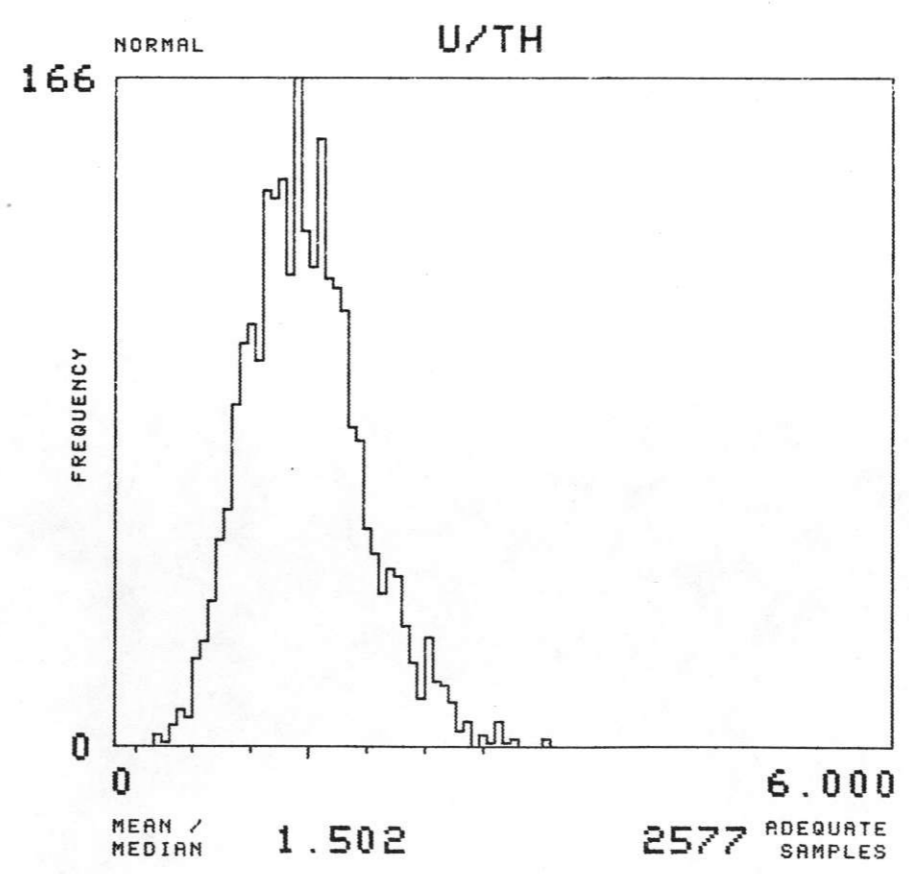
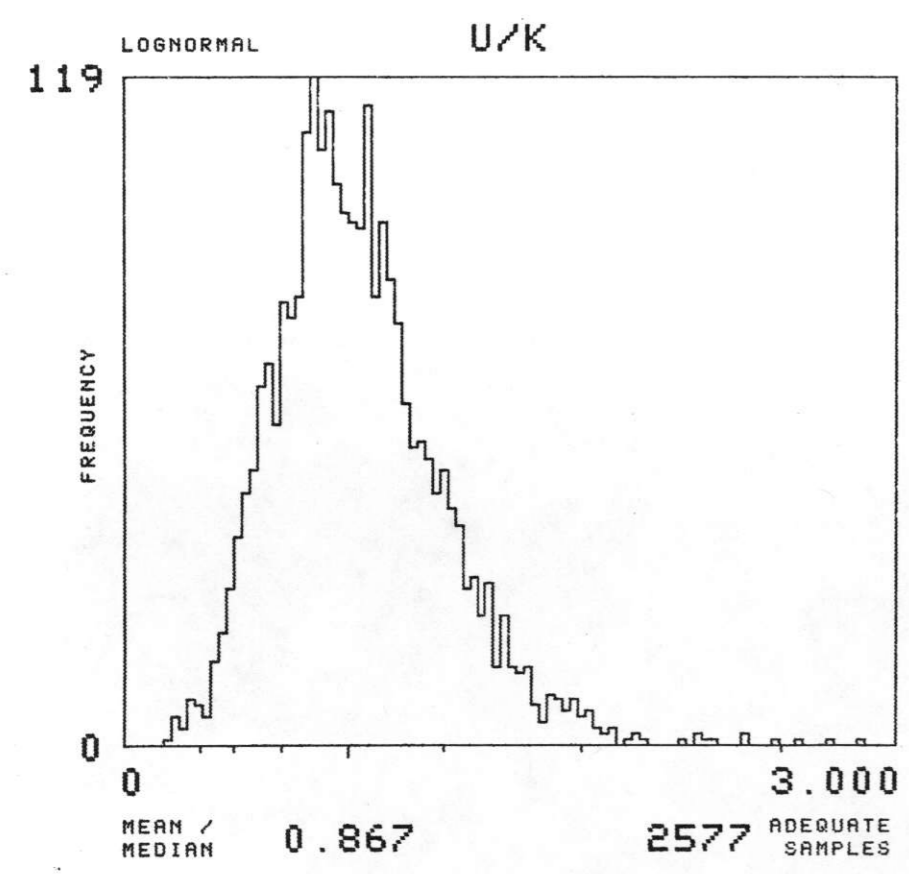
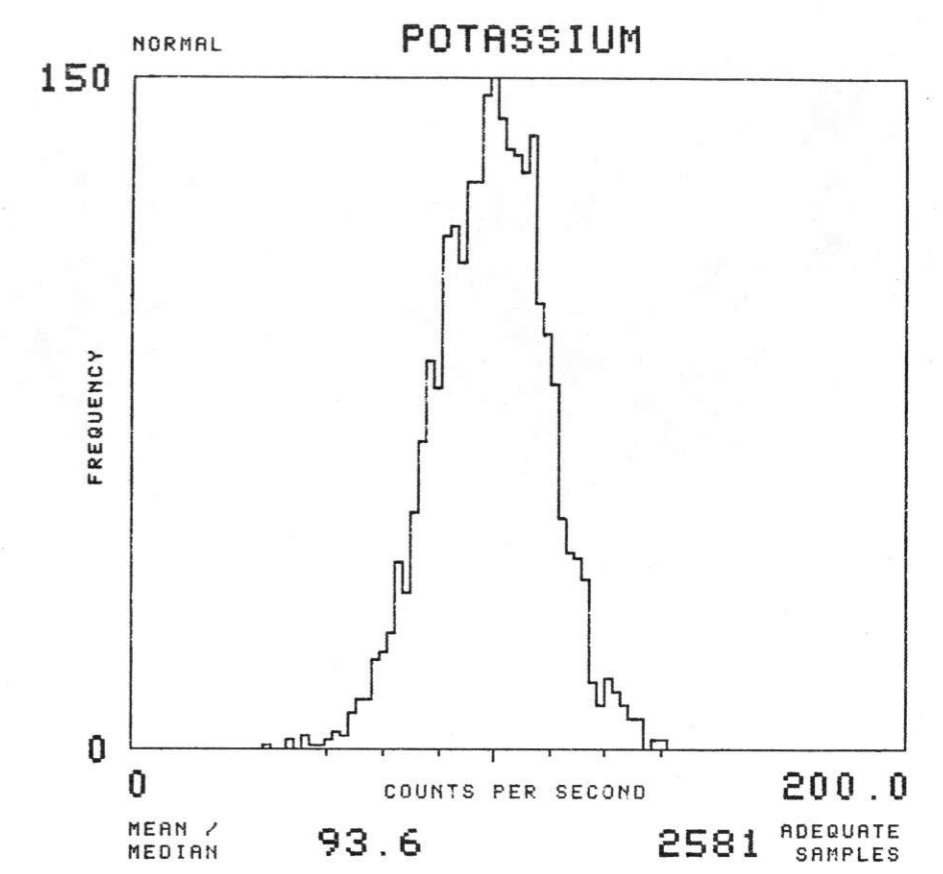
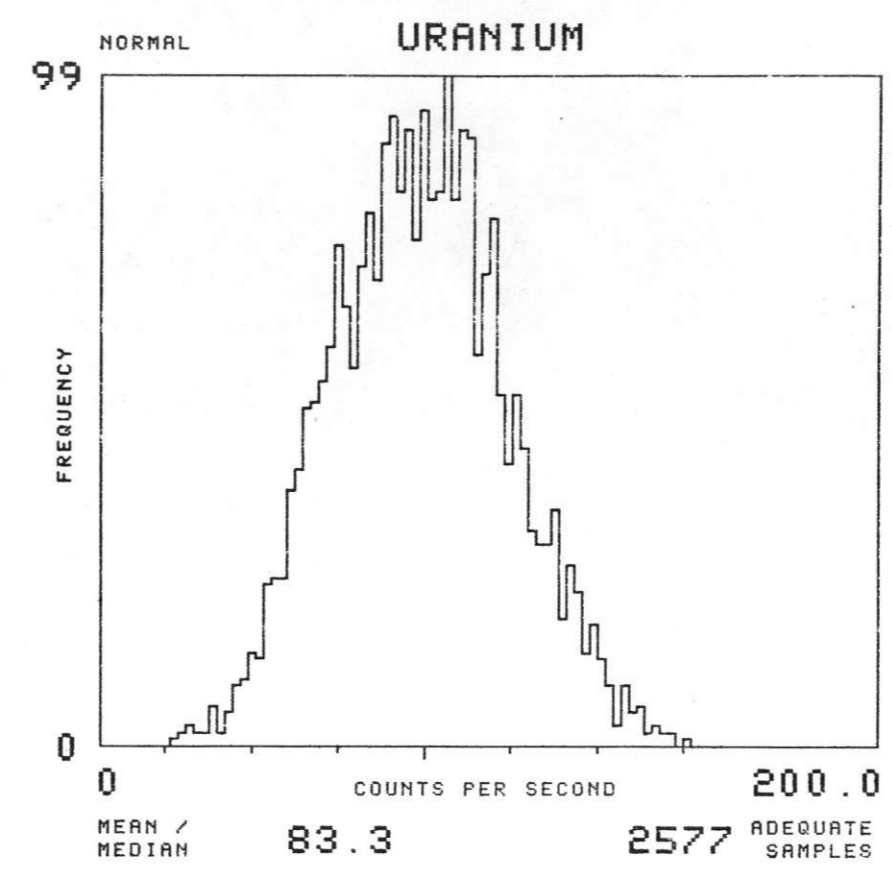
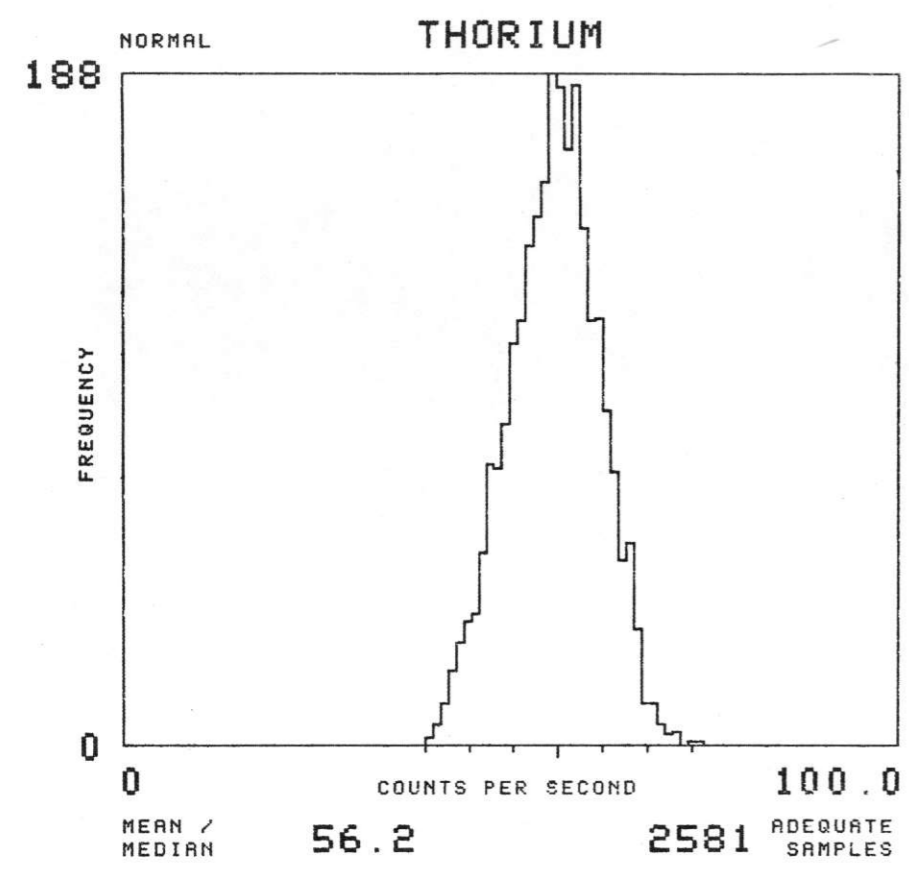
EAST SALINA BASIN - GEOMETRICS 1977

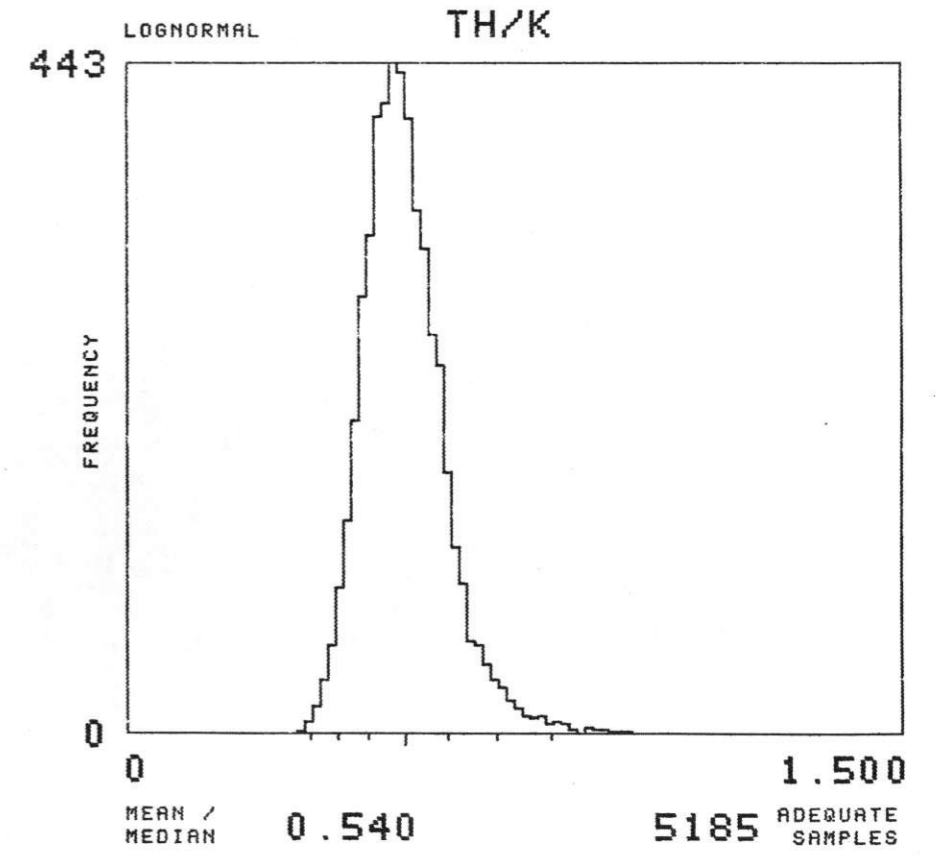
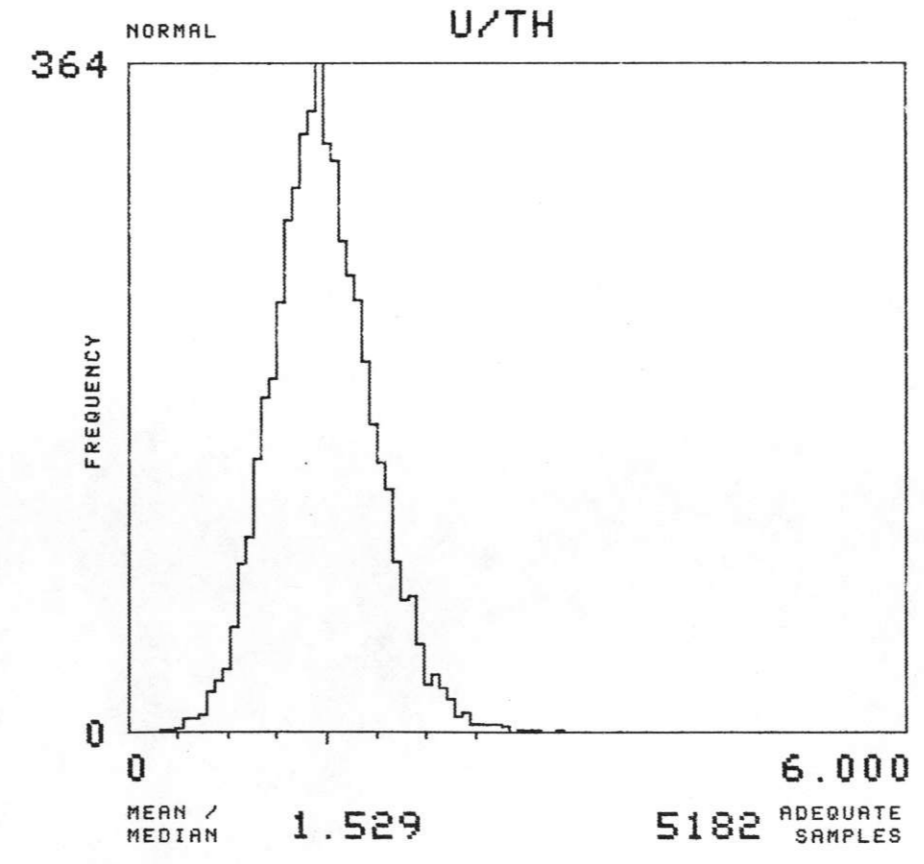
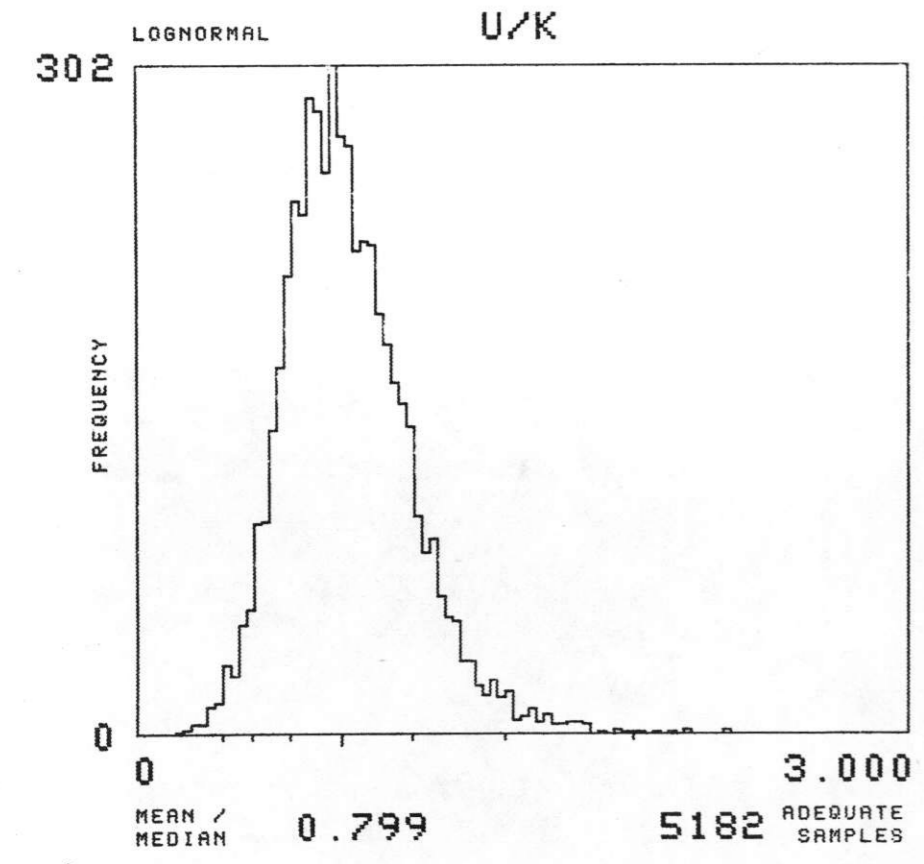
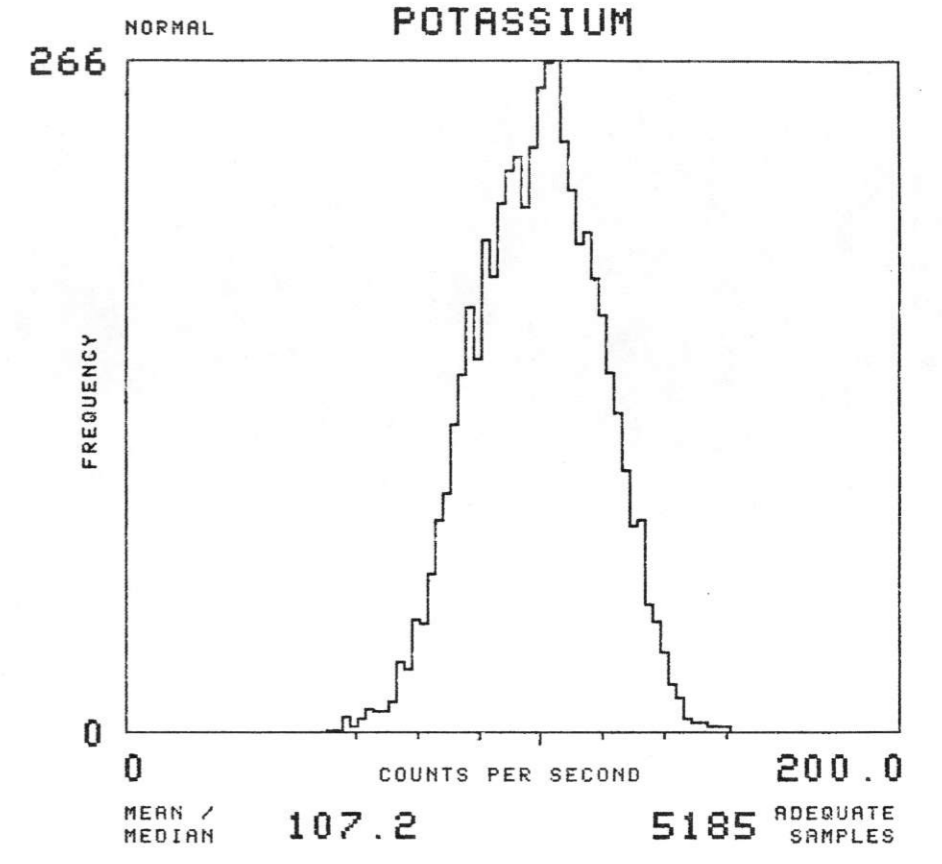
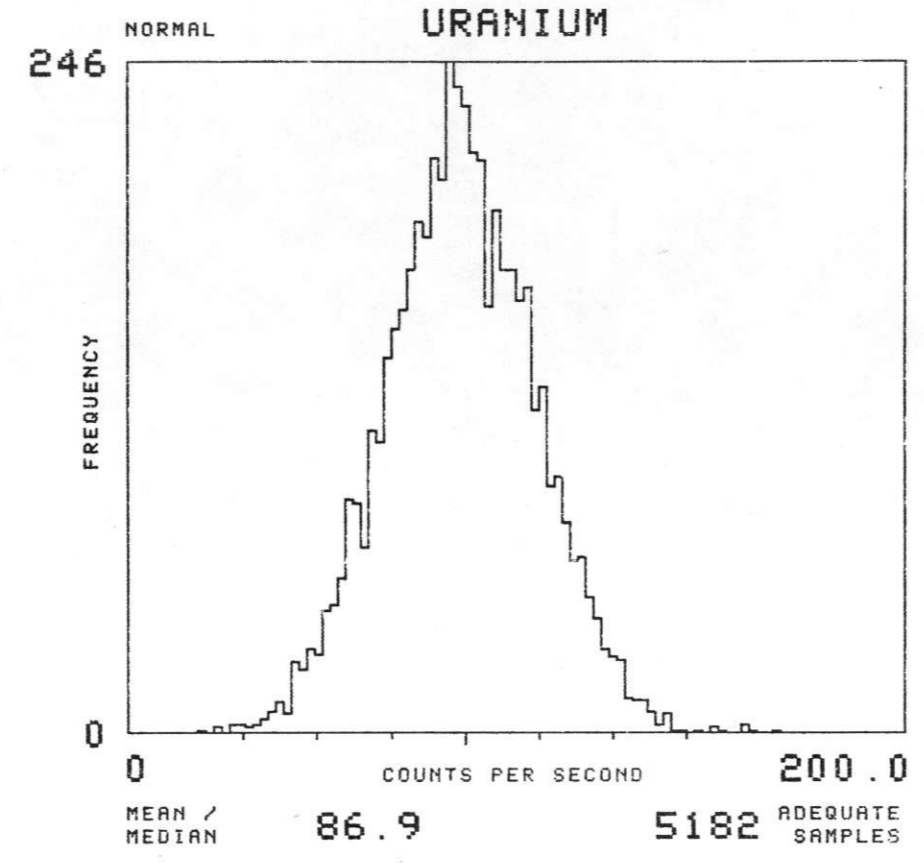
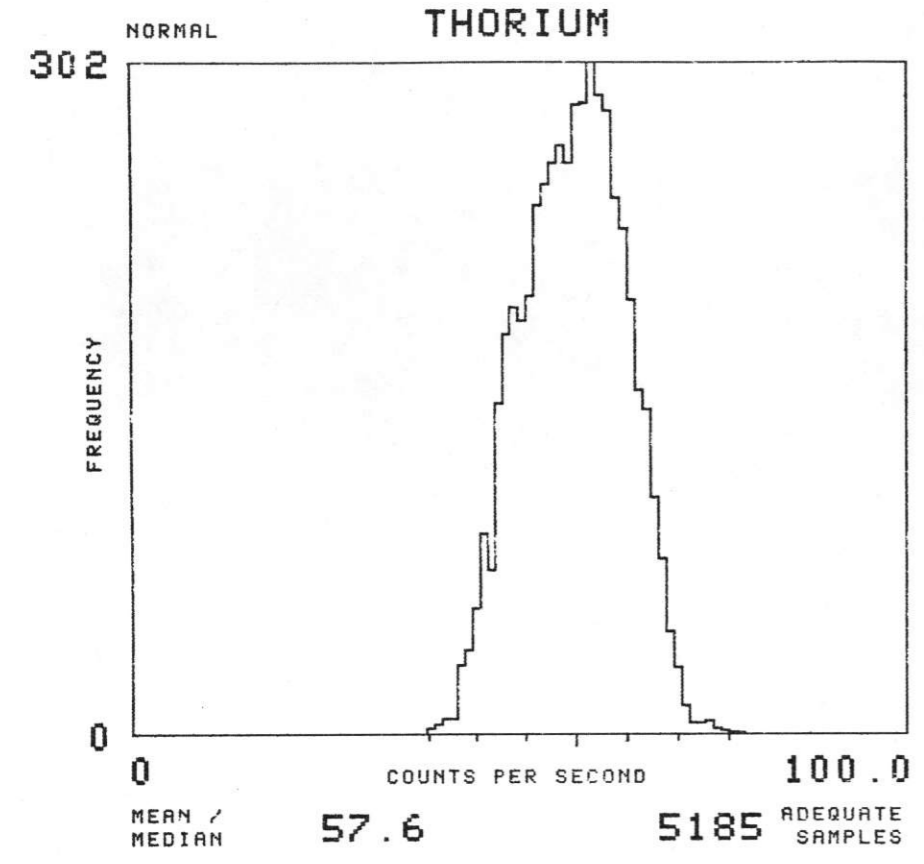


NTMS NK 14-12 LINCOLN

SOIL GROUP : CS TOTAL NUMBER OF SAMPLES 2581

EAST SALINA BASIN - GEOMETRICS 1977



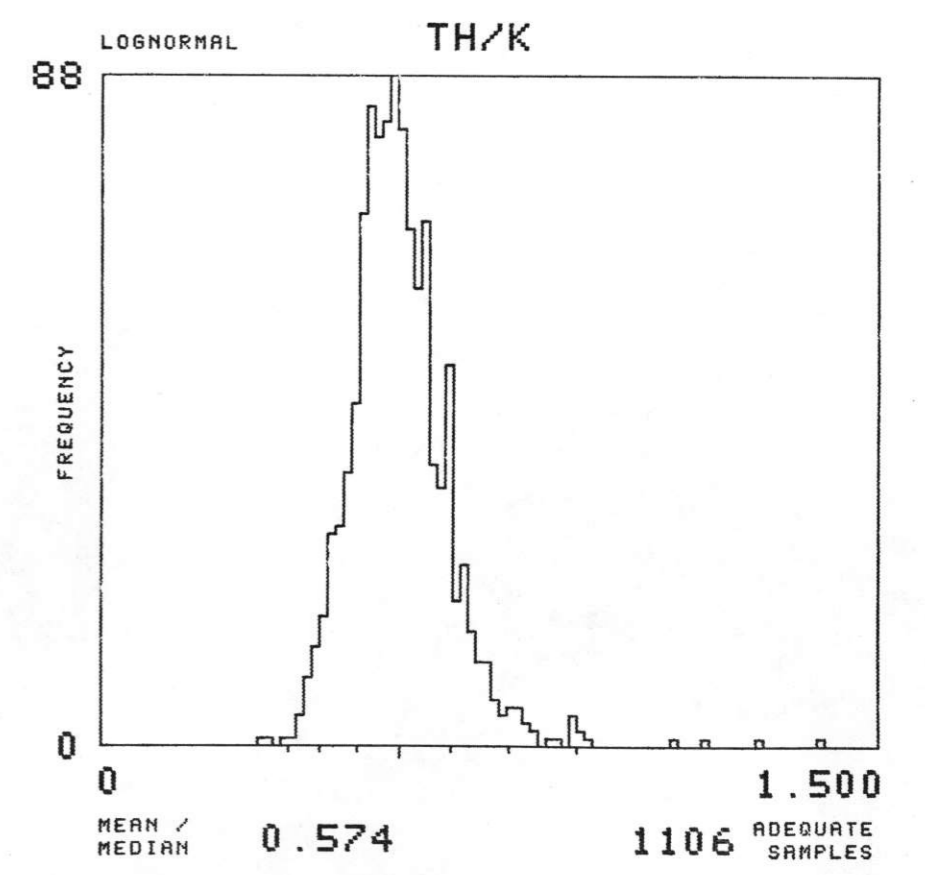
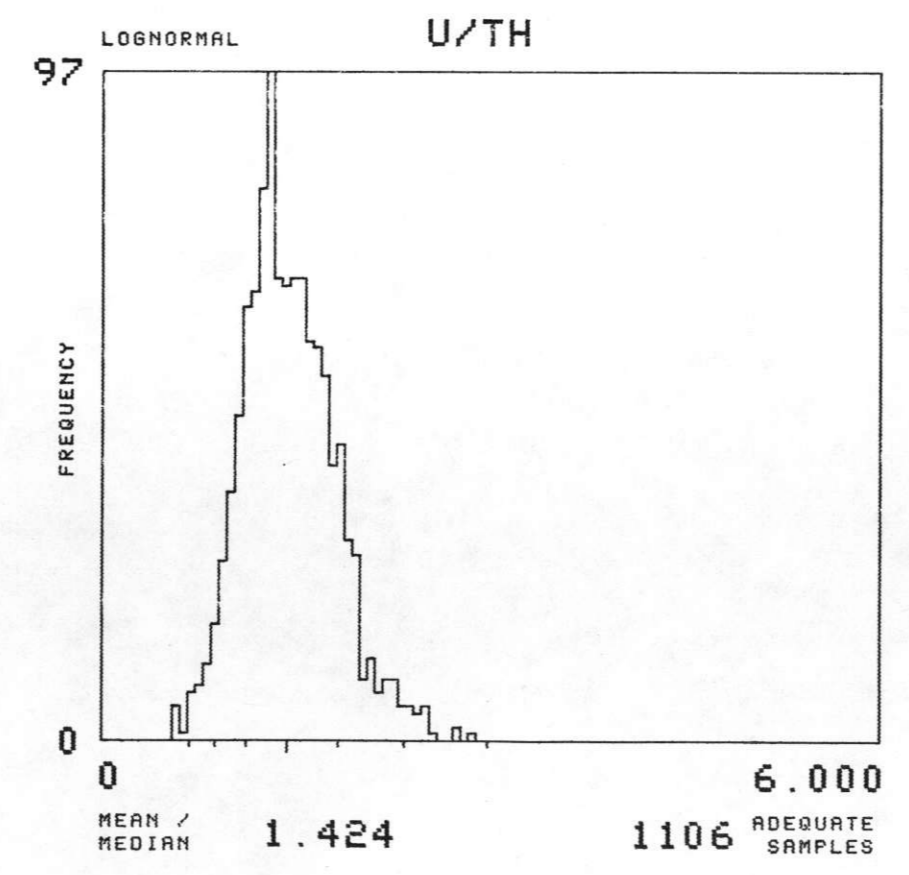
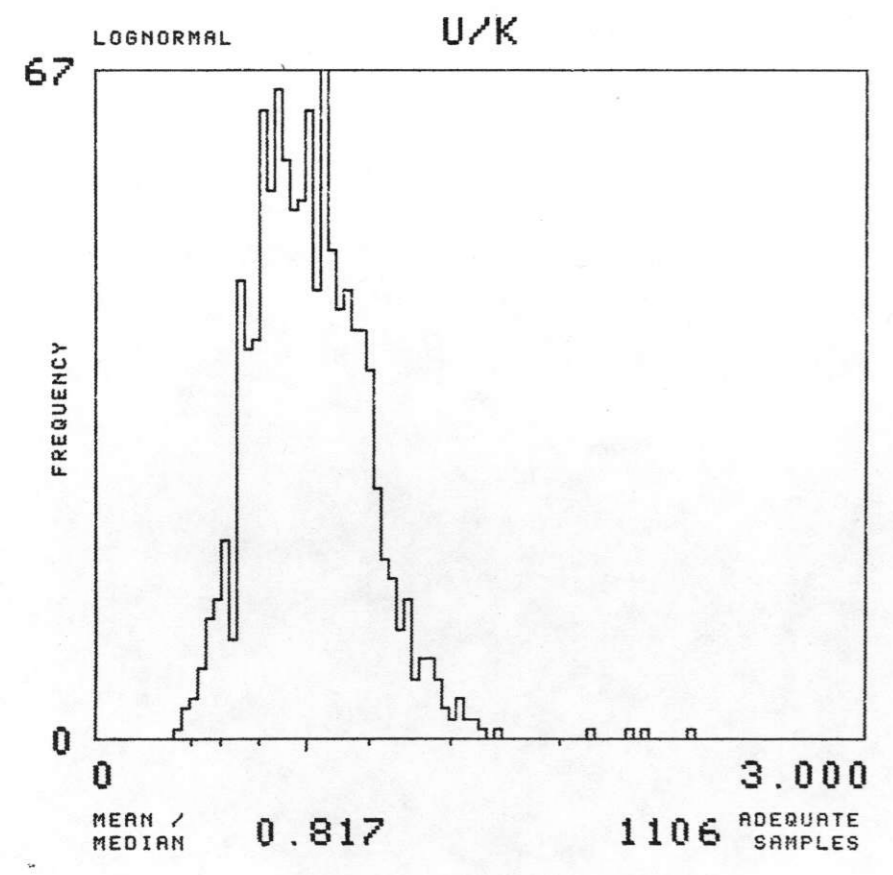
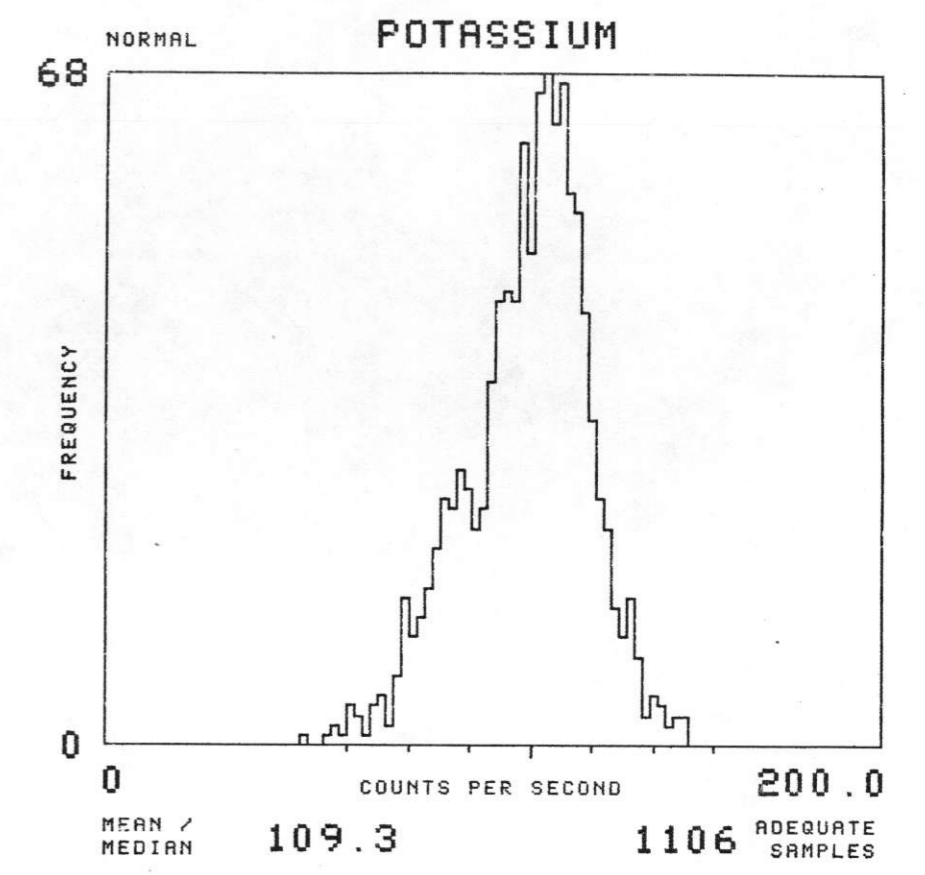
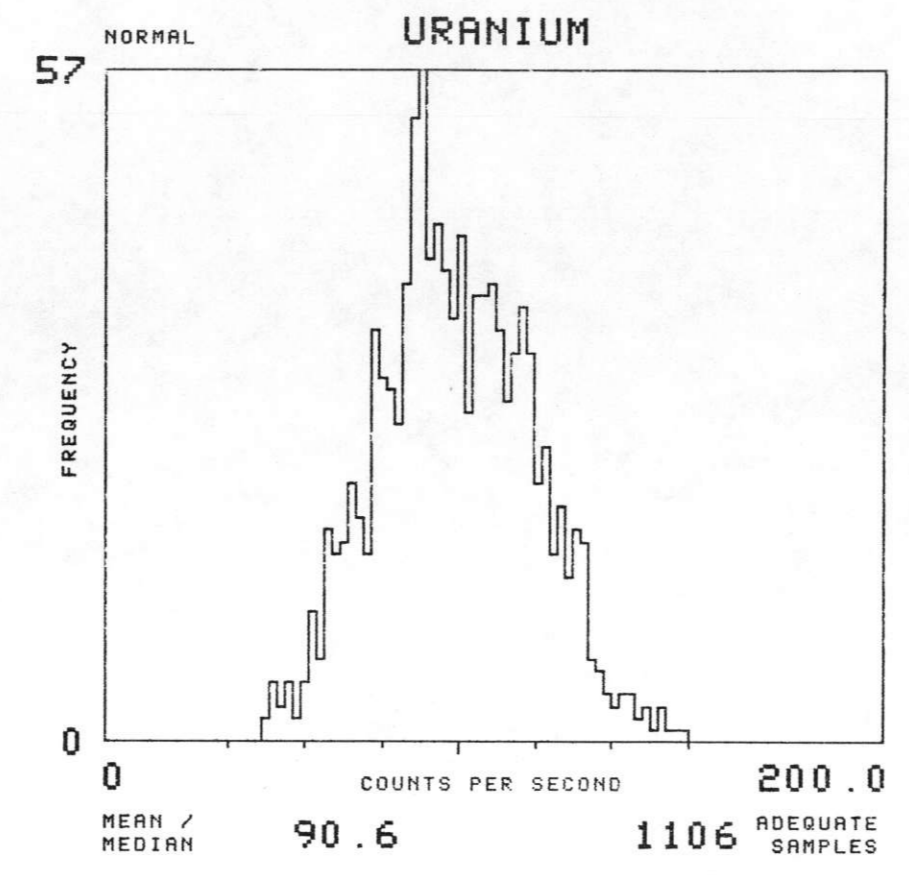
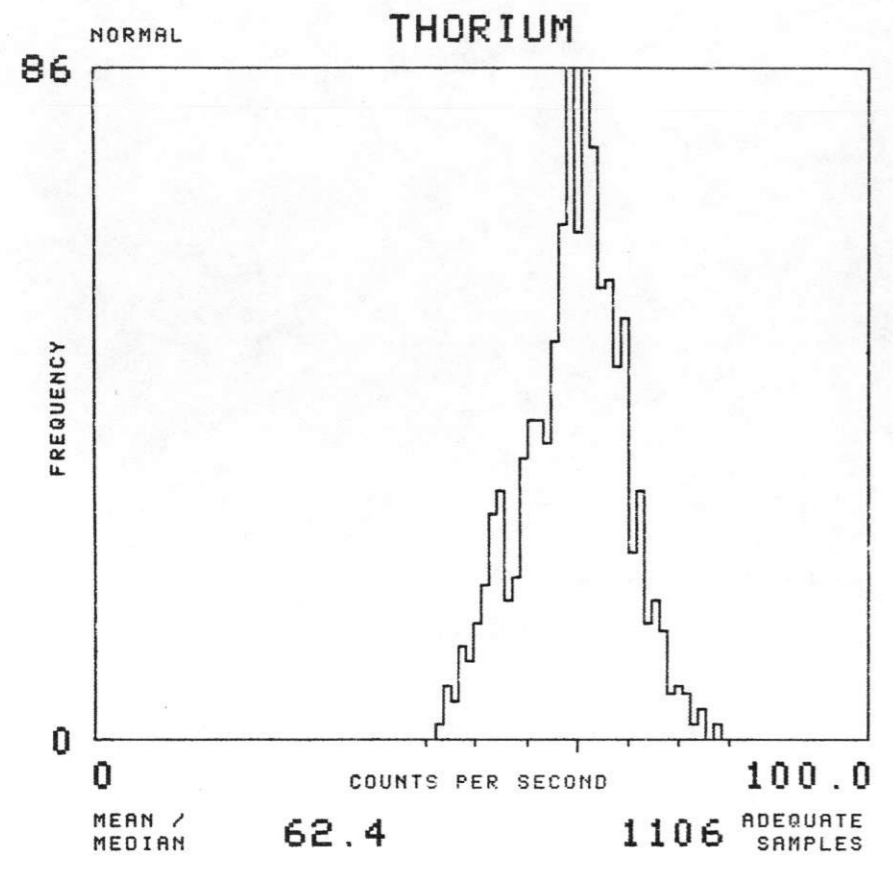


NTMS NK 14-12 LINCOLN

SOIL GROUP : GEH

TOTAL NUMBER OF SAMPLES 1106

EAST SALINA BASIN - GEOMETRICS 1977

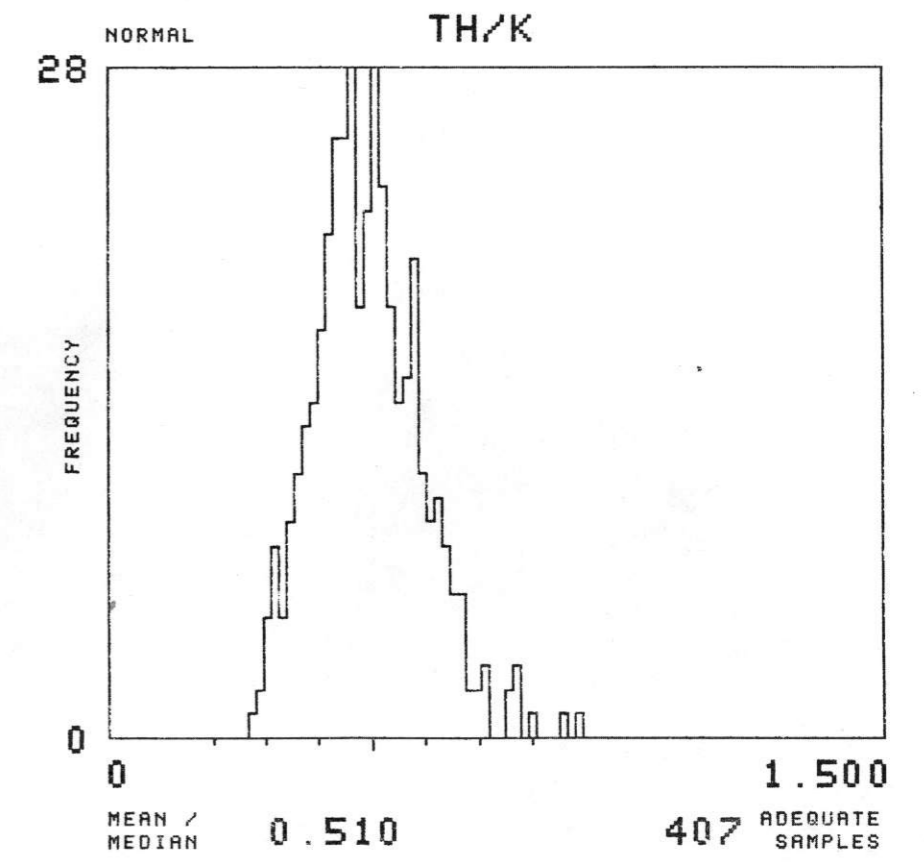
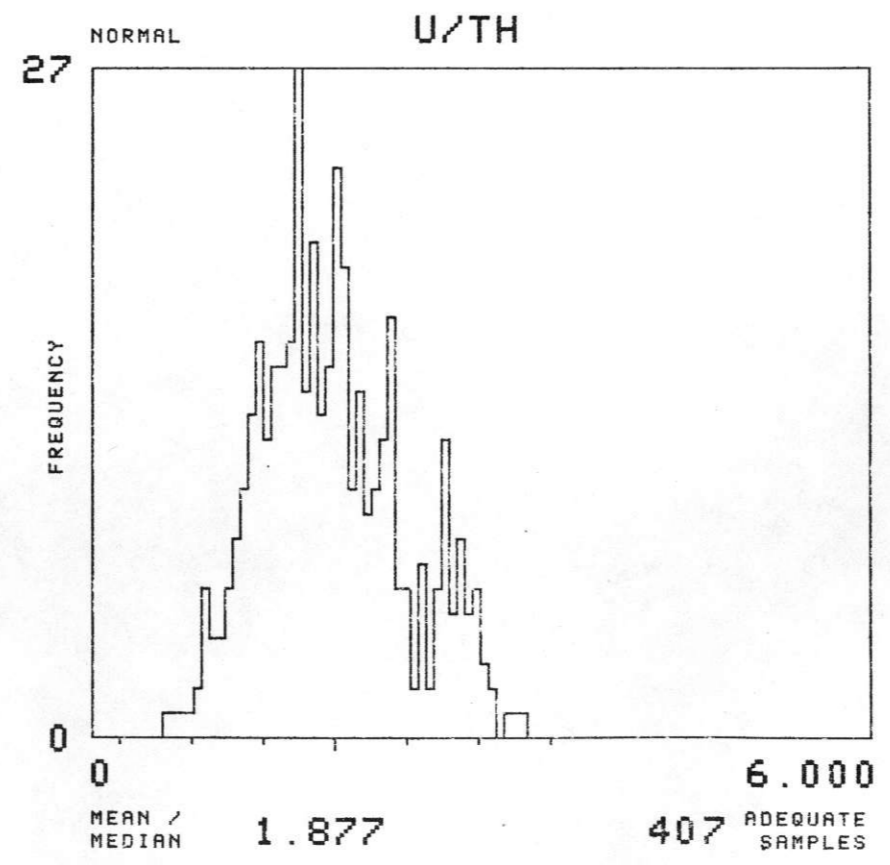
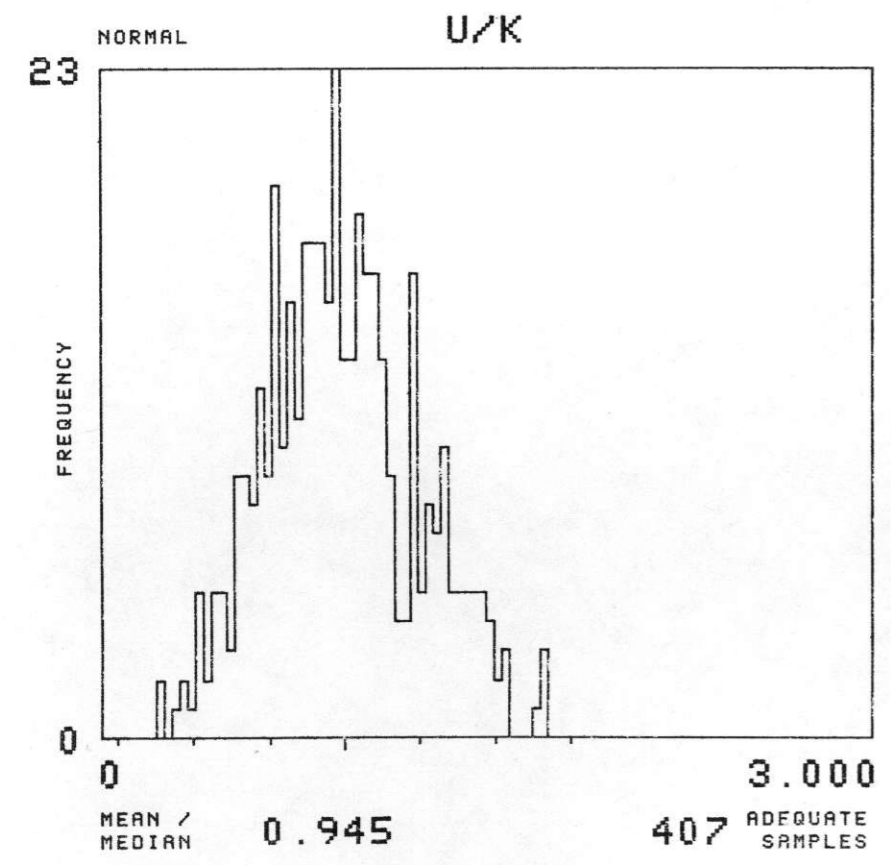
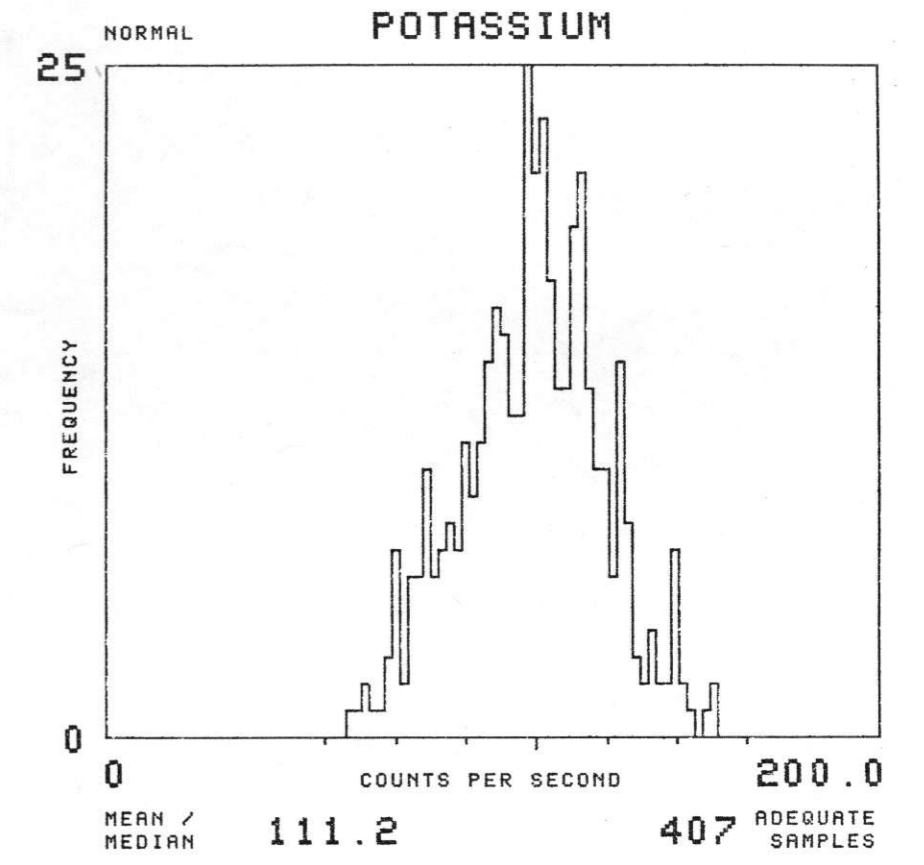
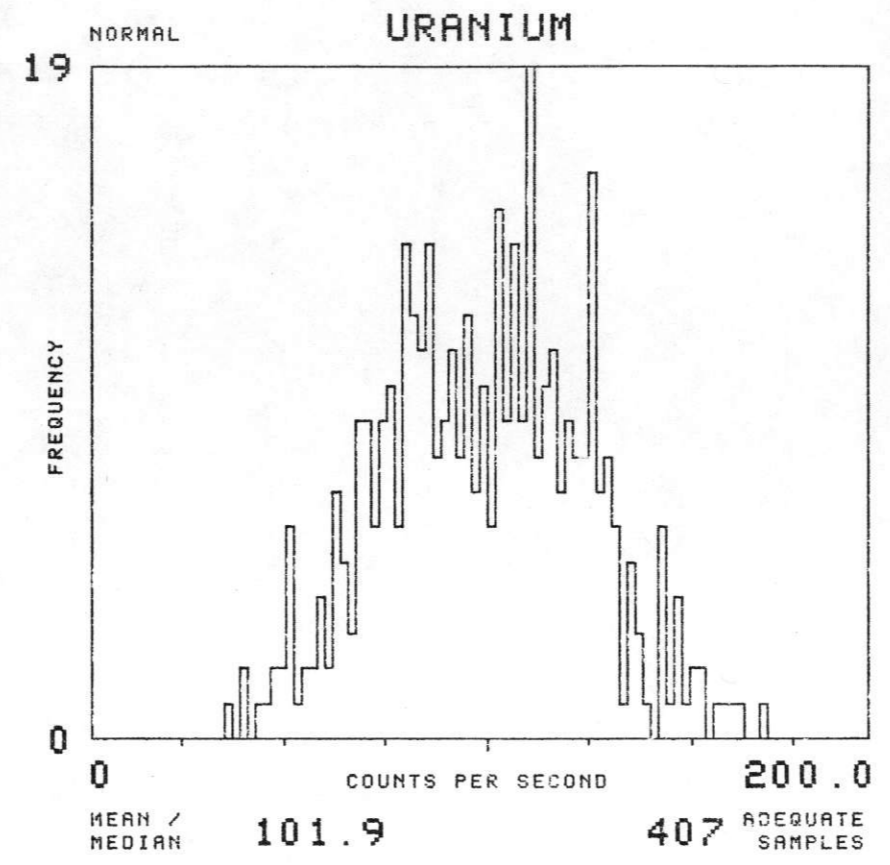
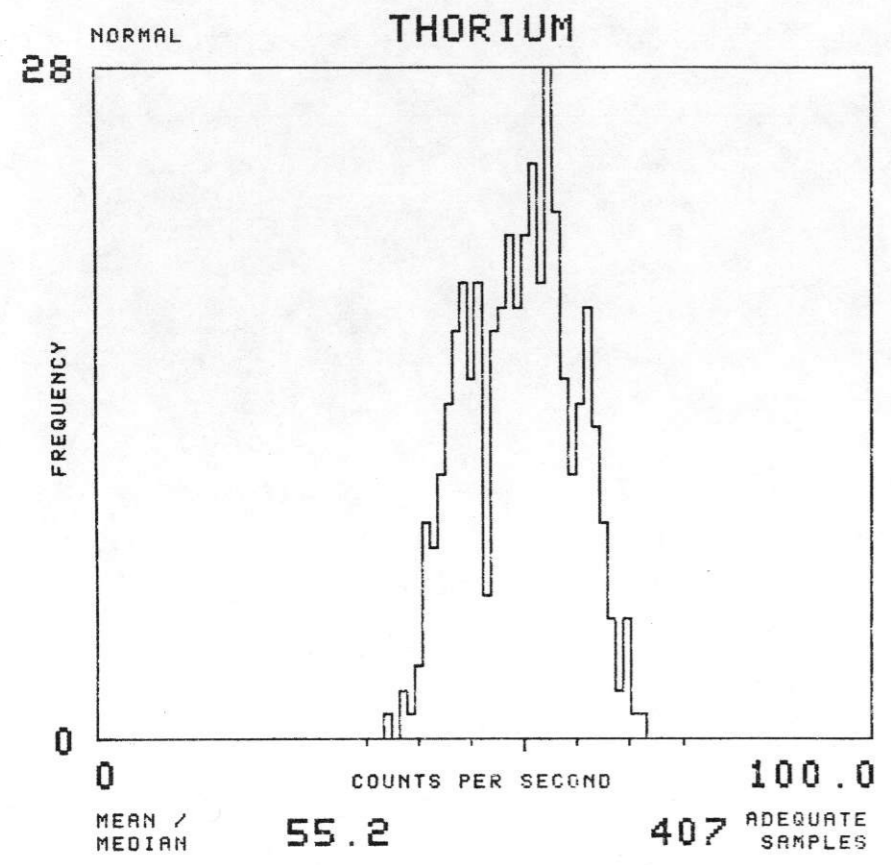


NTMS NK 14-12 LINCOLN

SOIL GROUP : GEJN

TOTAL NUMBER OF SAMPLES 407

EAST SALINA BASIN - GEOMETRICS 1977

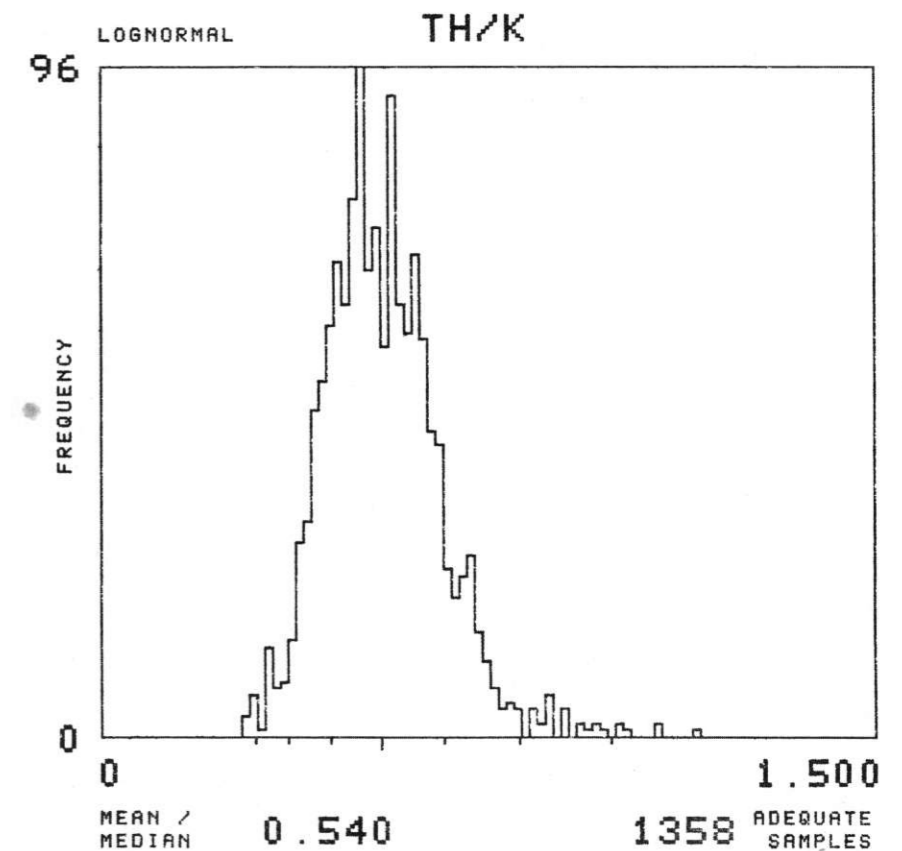
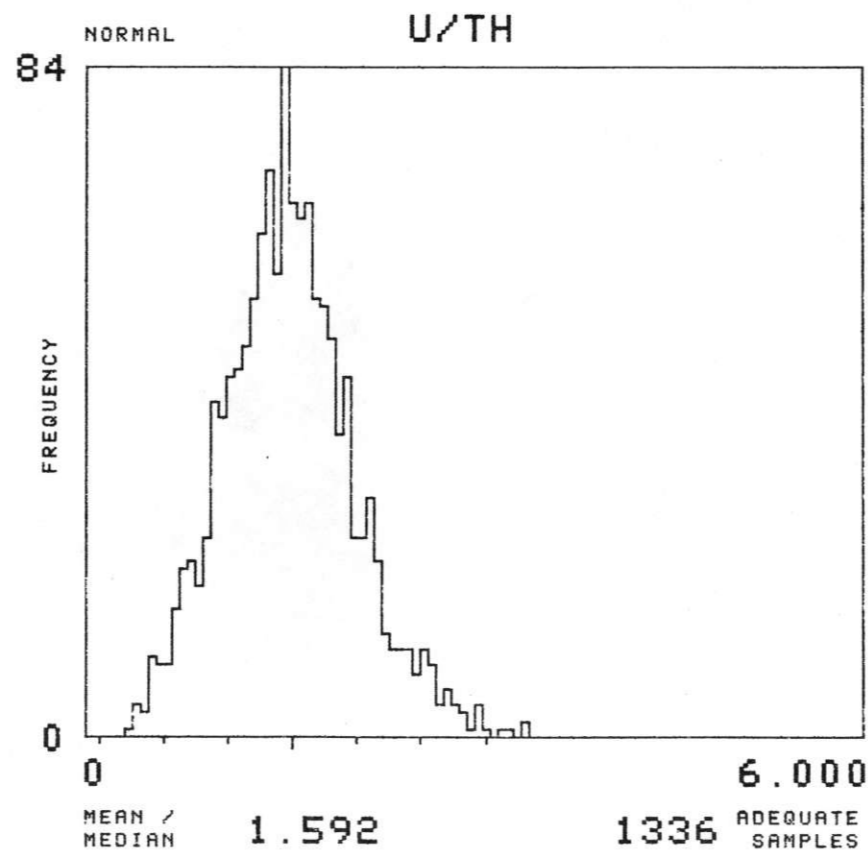
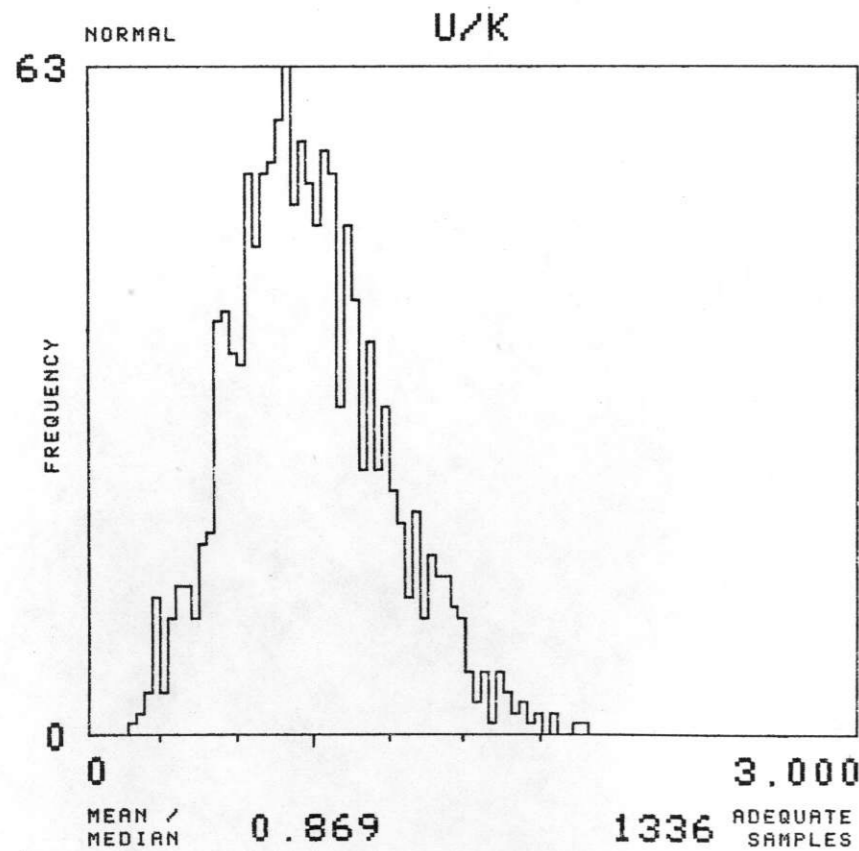
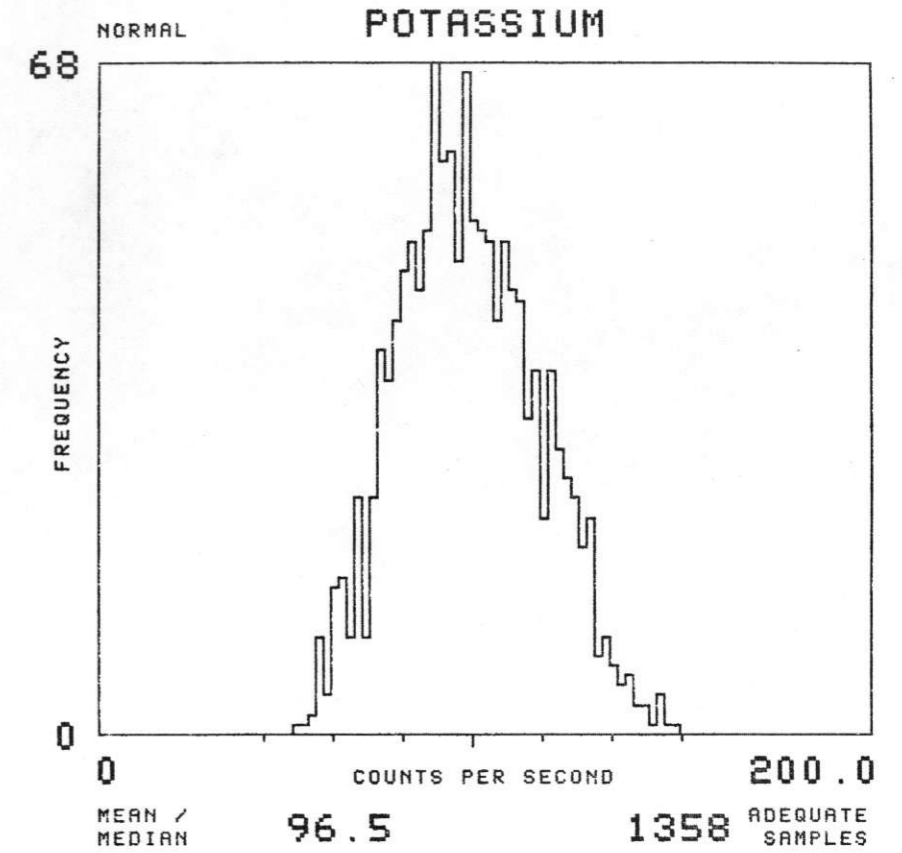
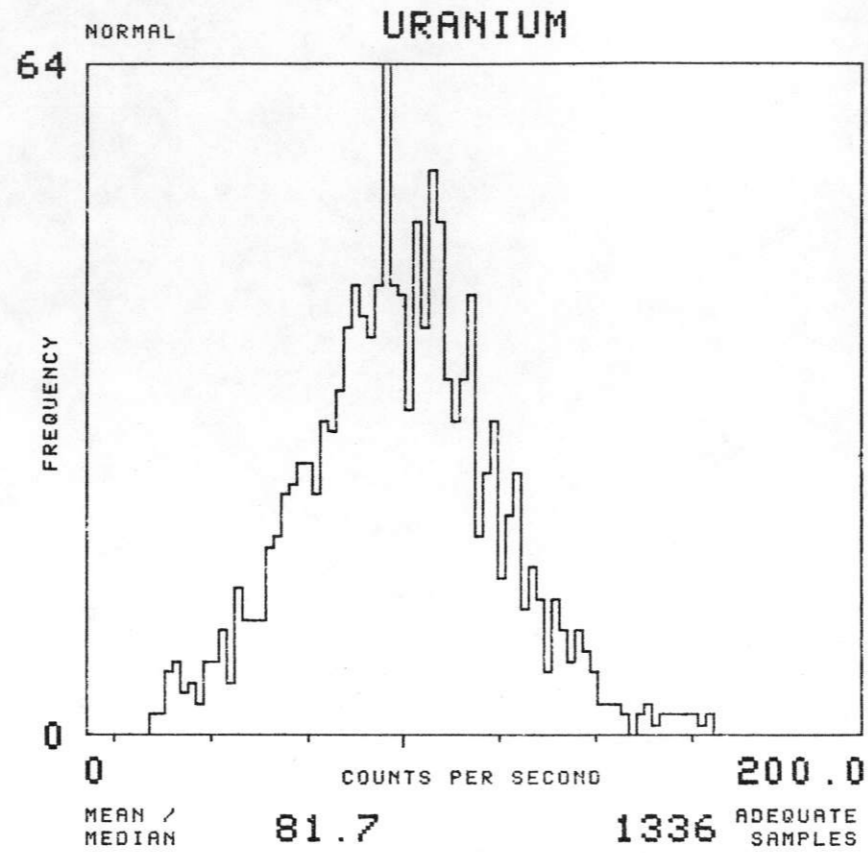
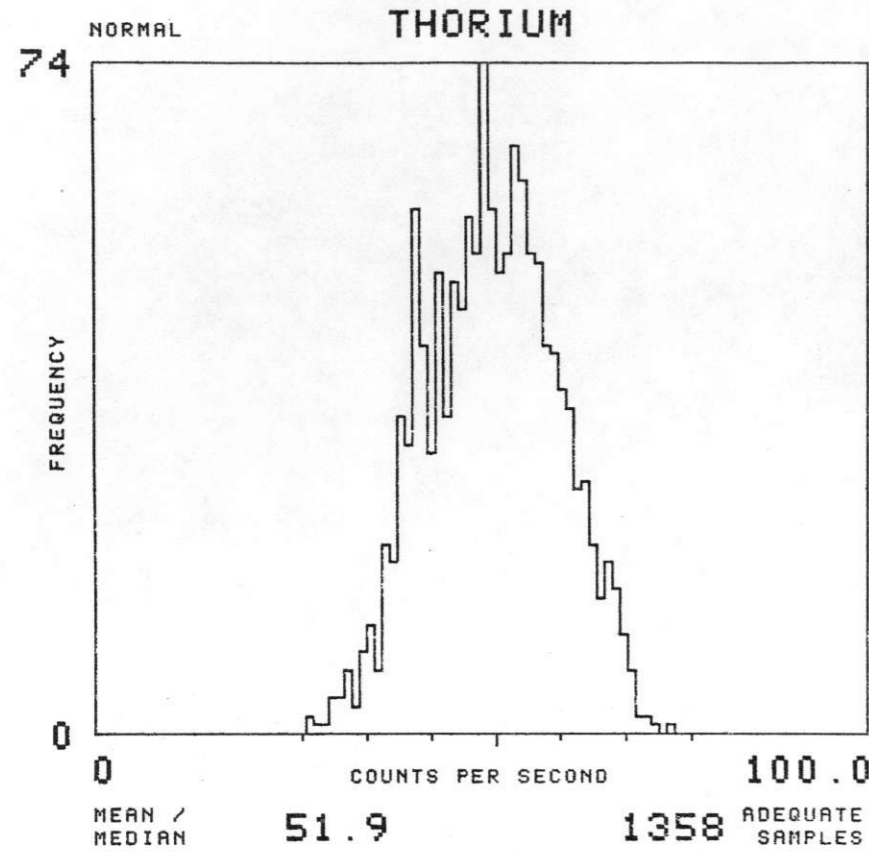


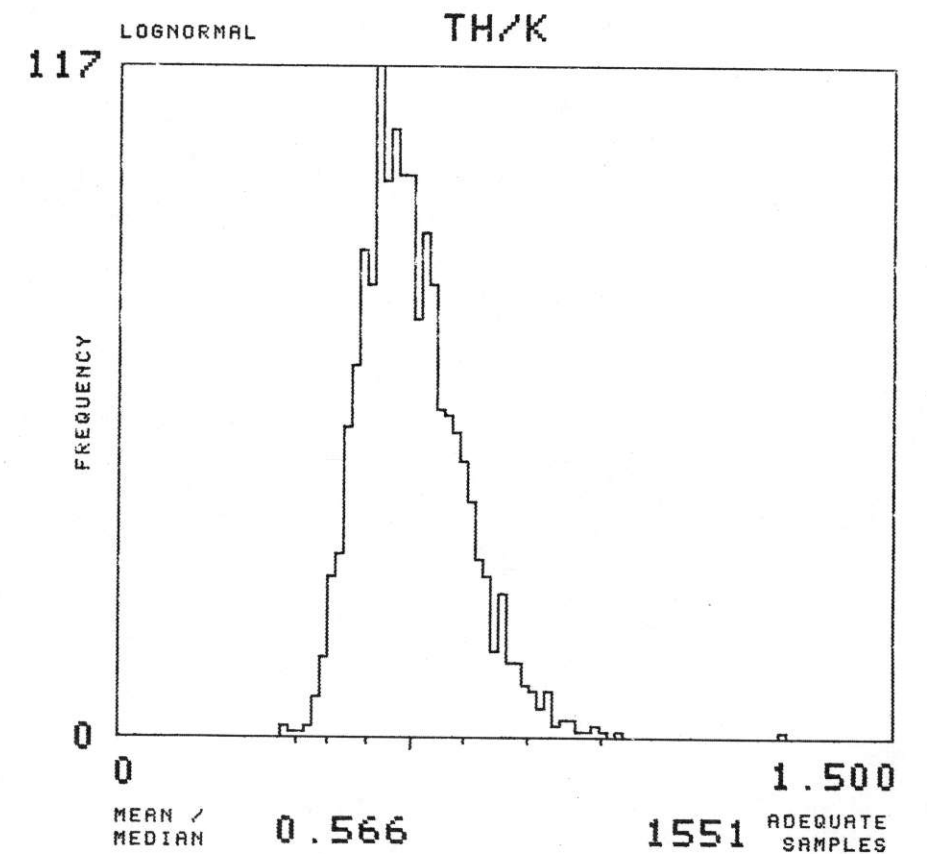
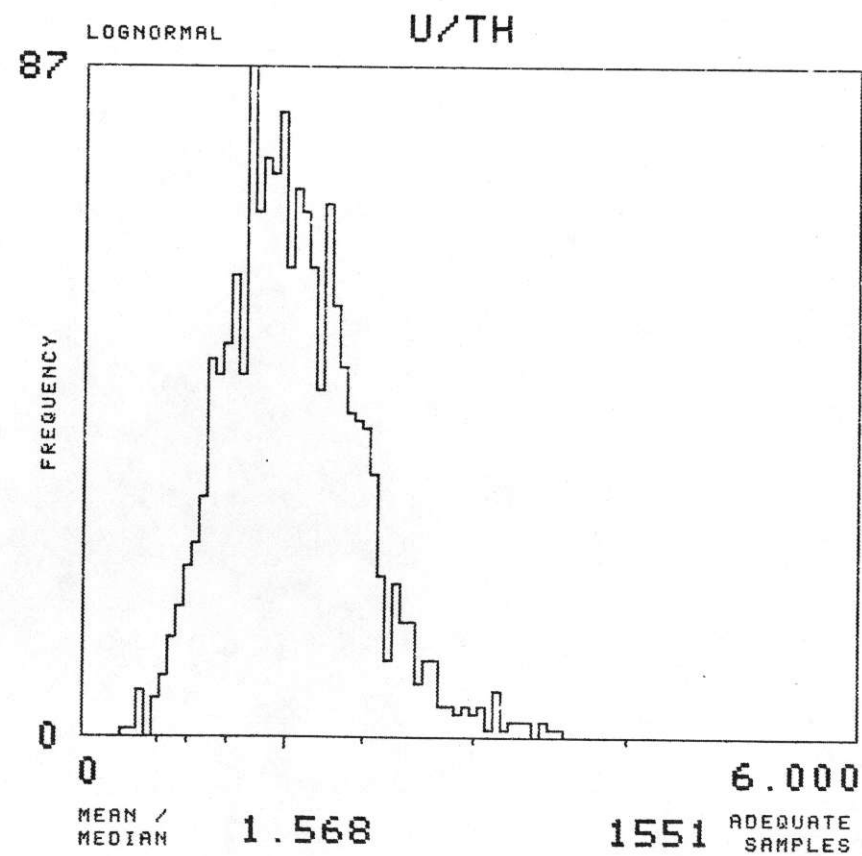
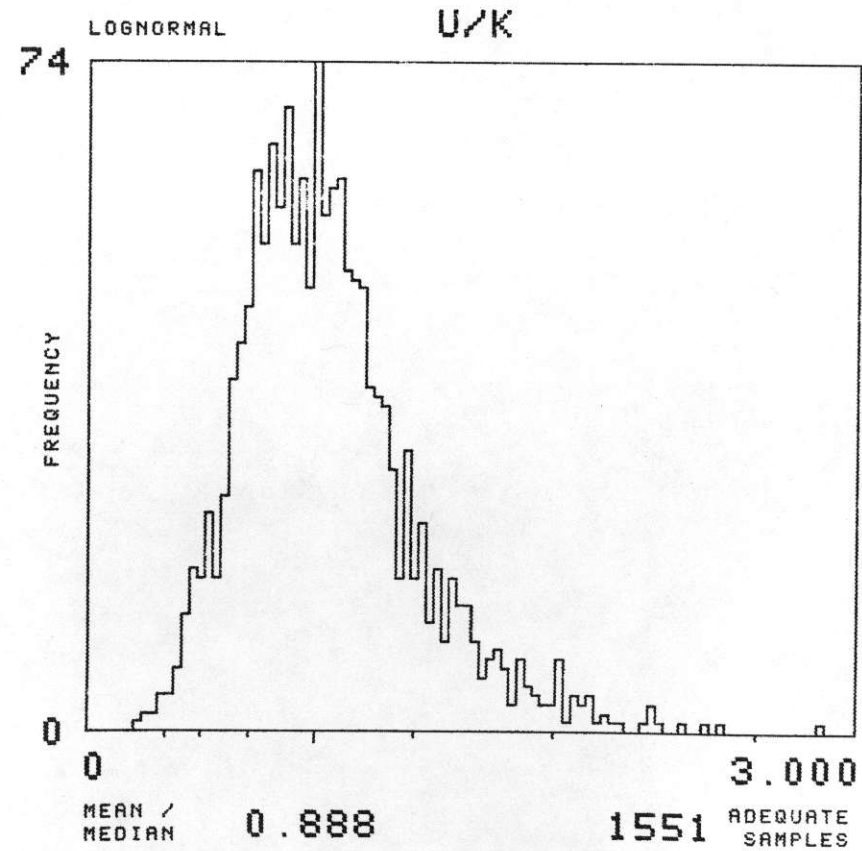
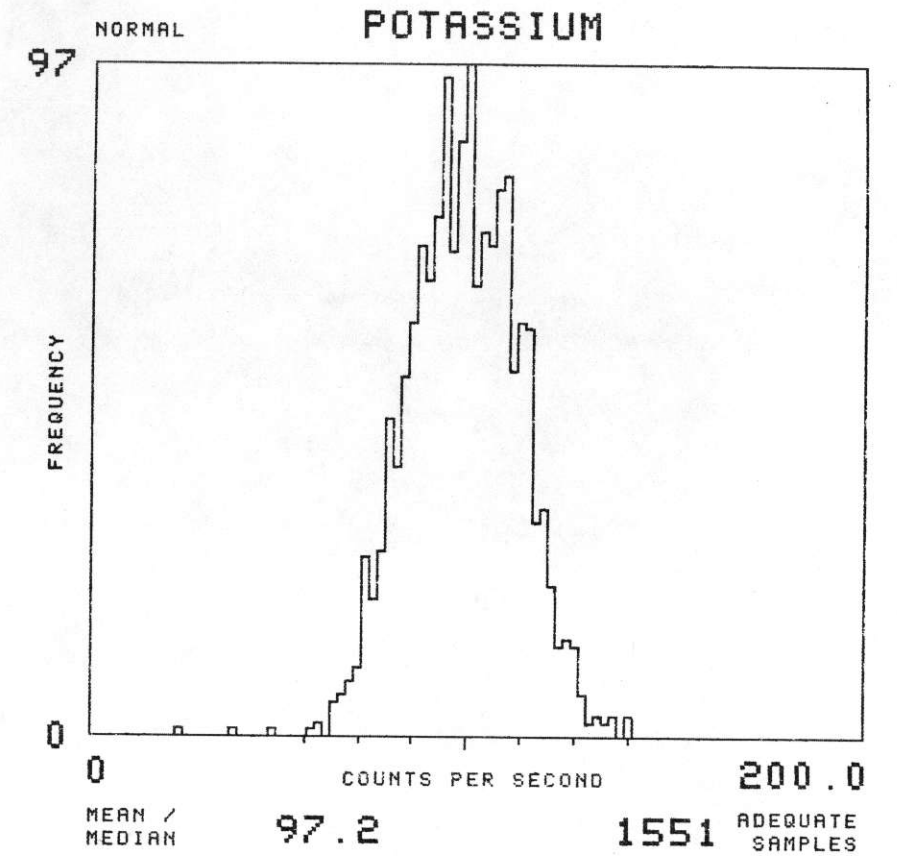
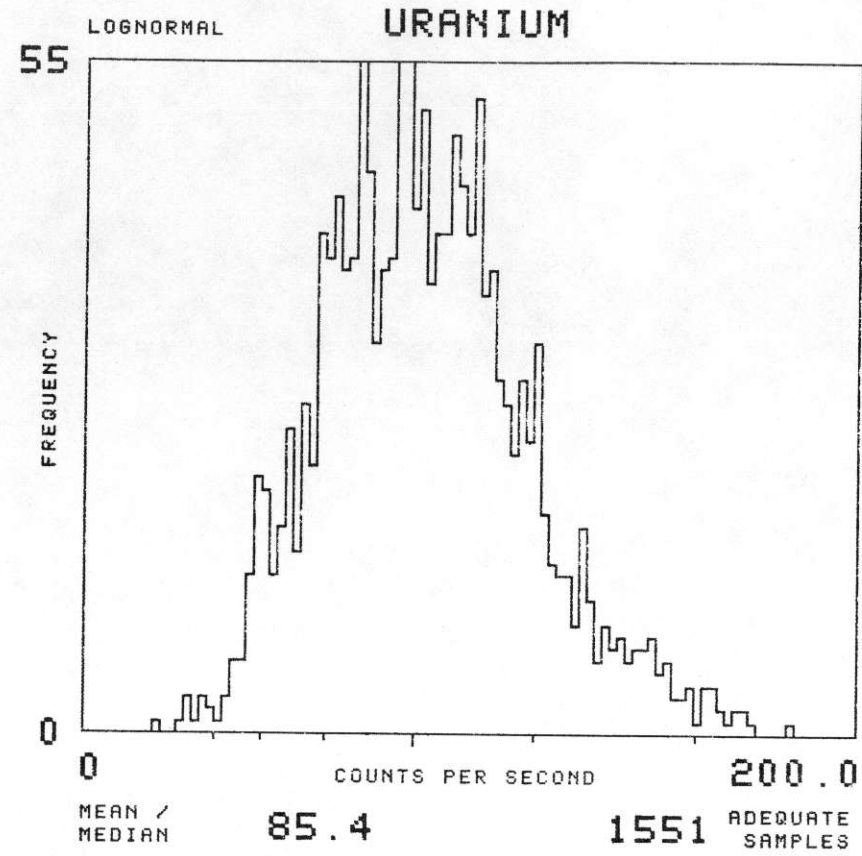
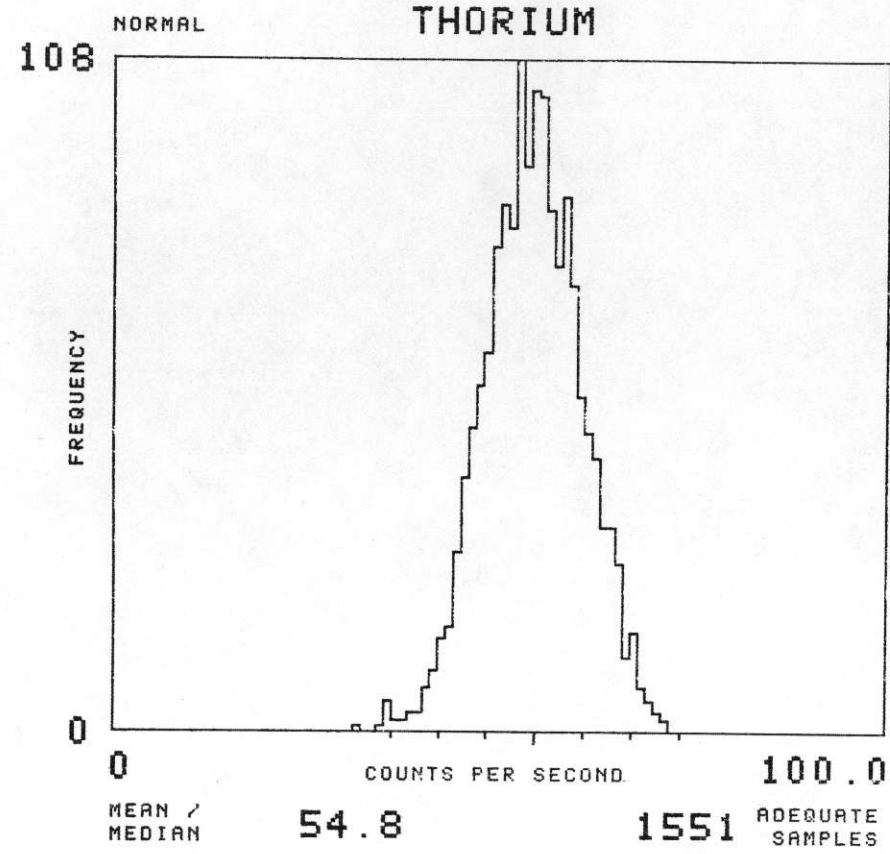
NTMS NK 14-12 LINCOLN

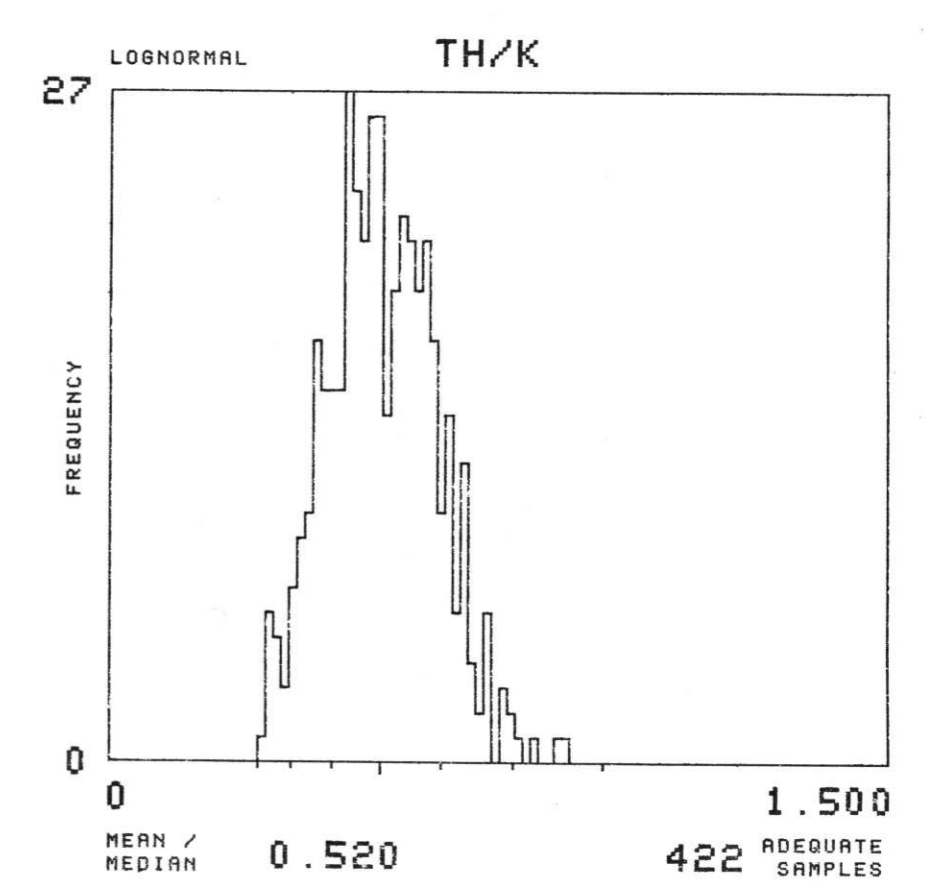
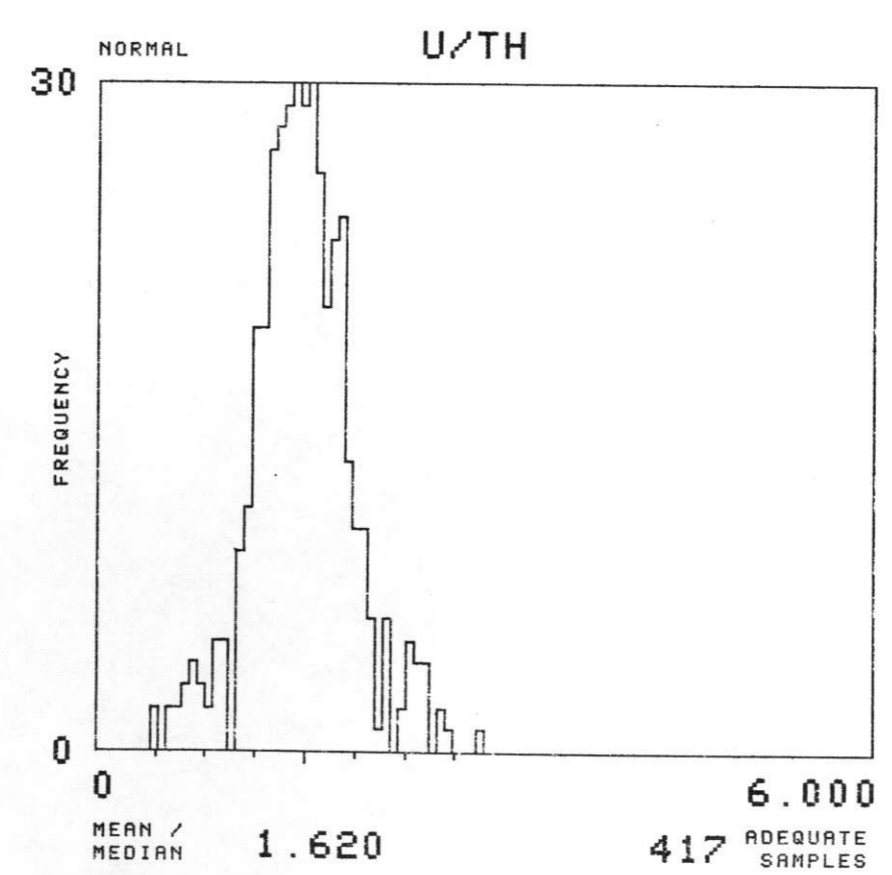
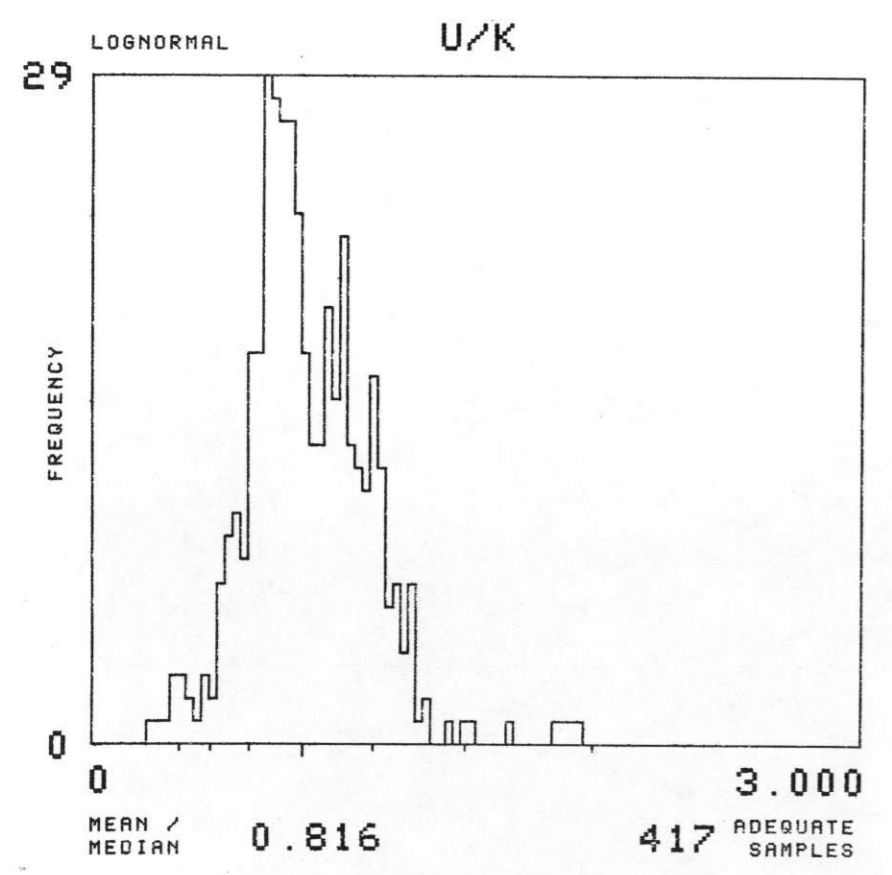
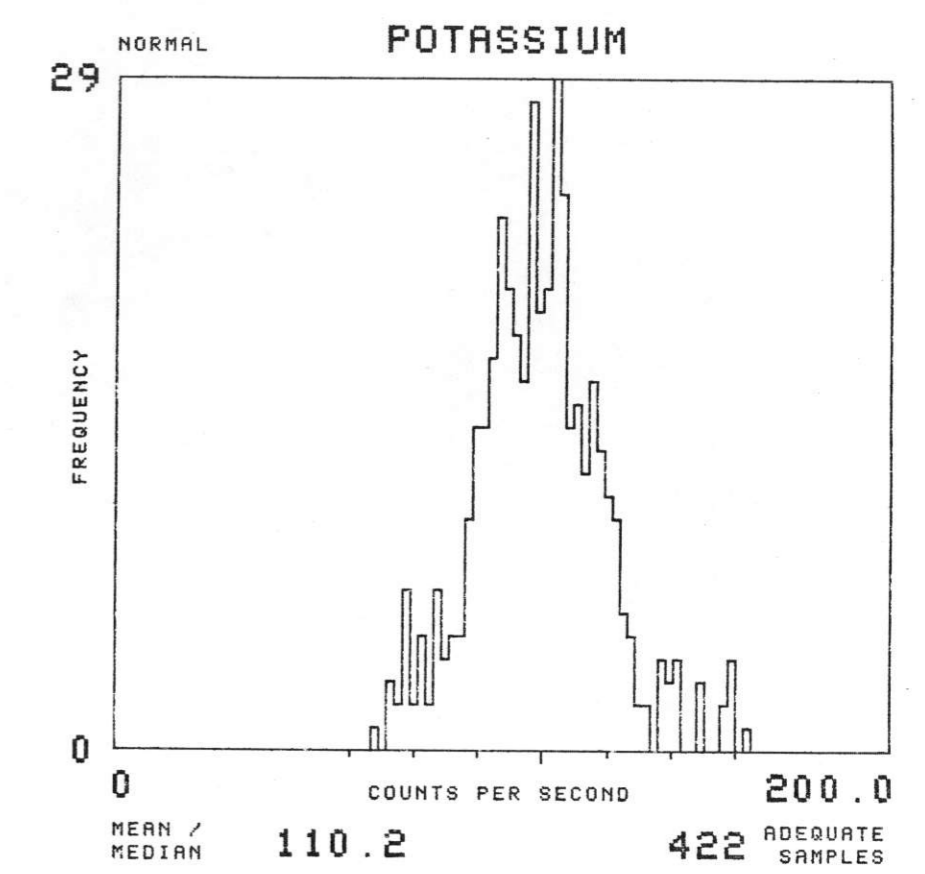
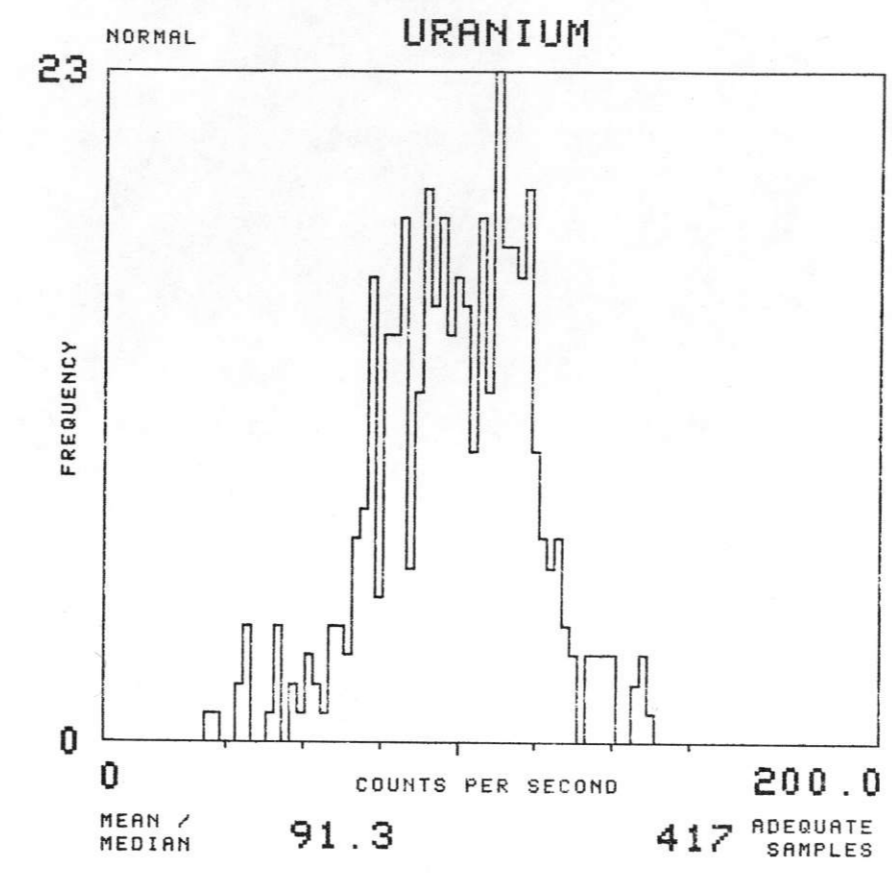
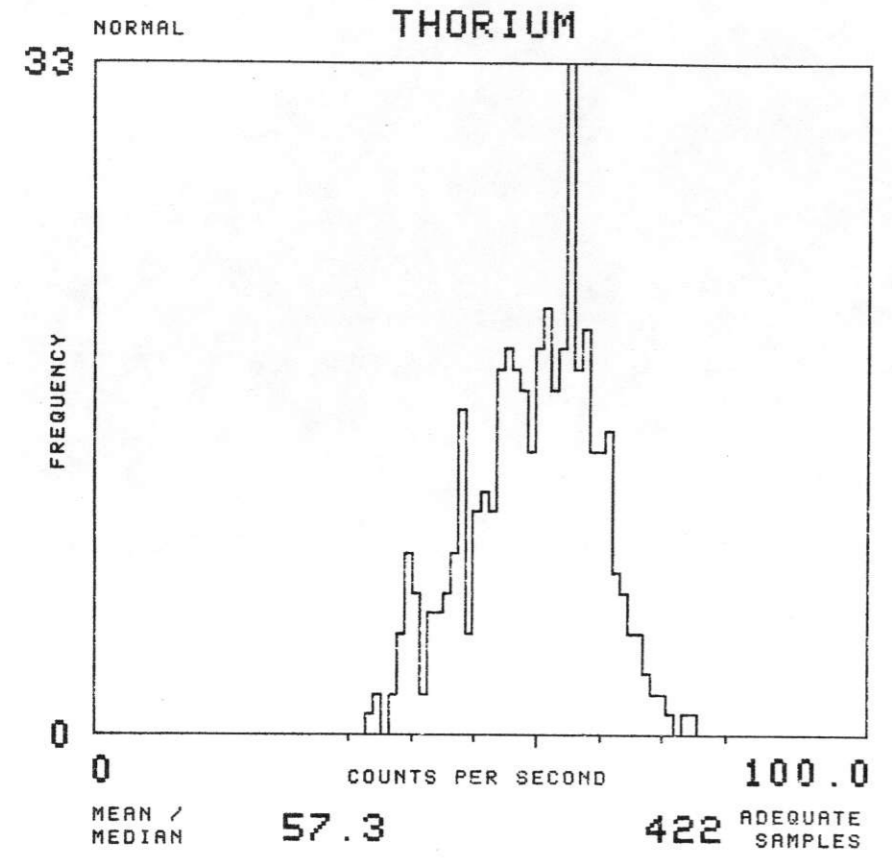
SOIL GROUP : HBHL

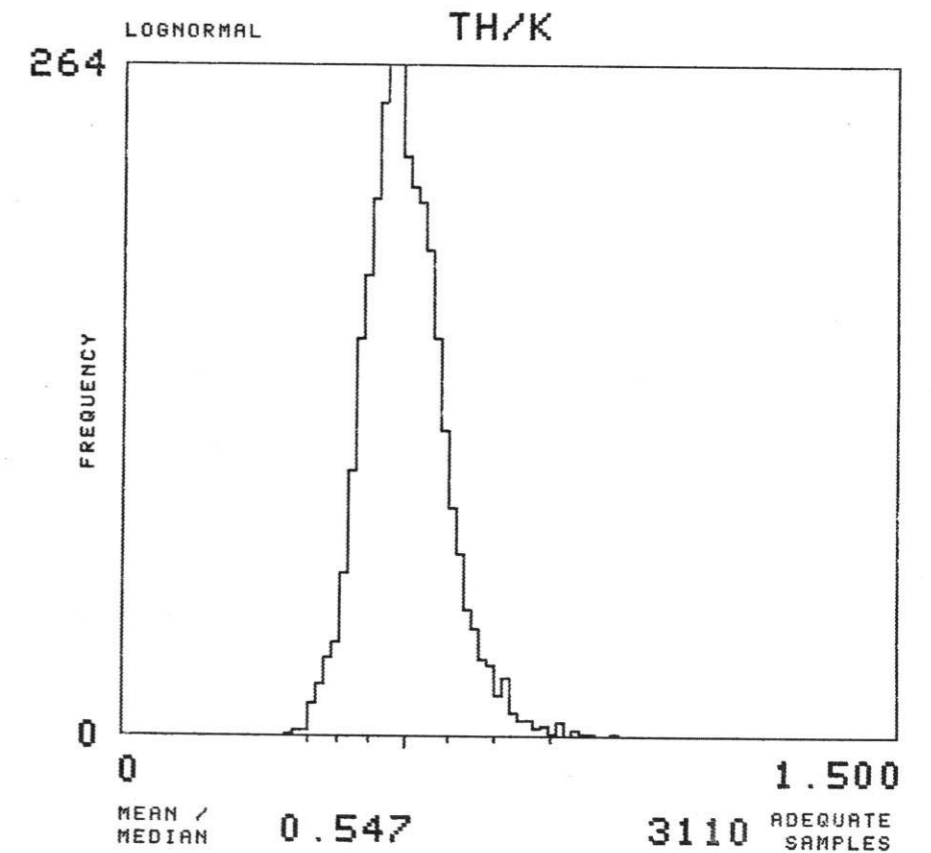
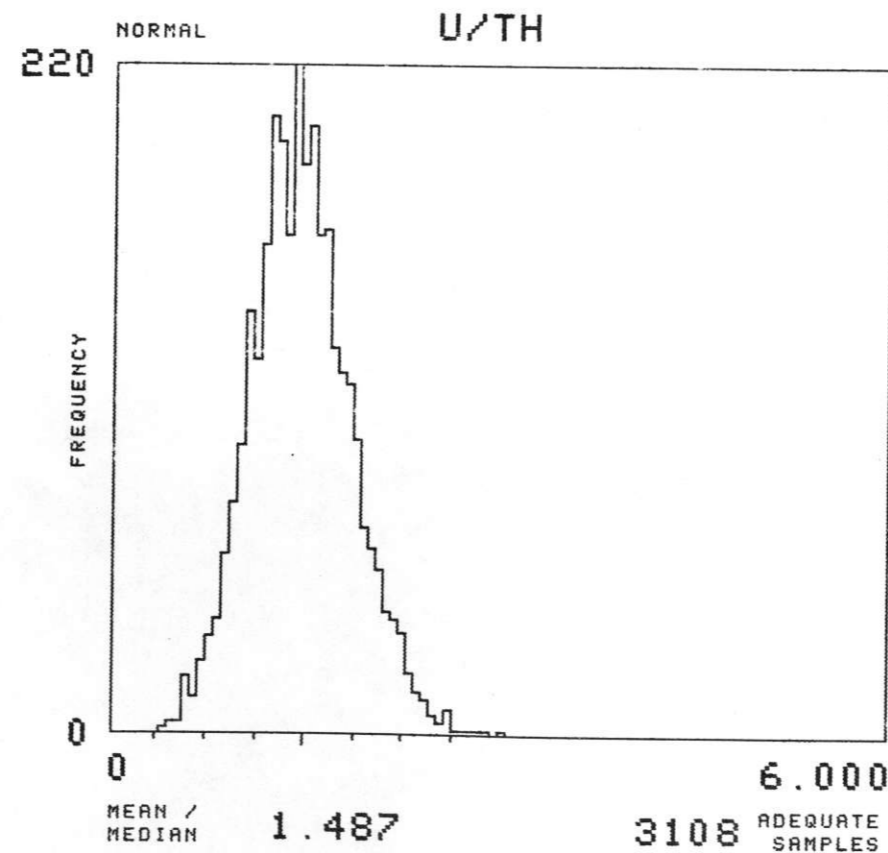
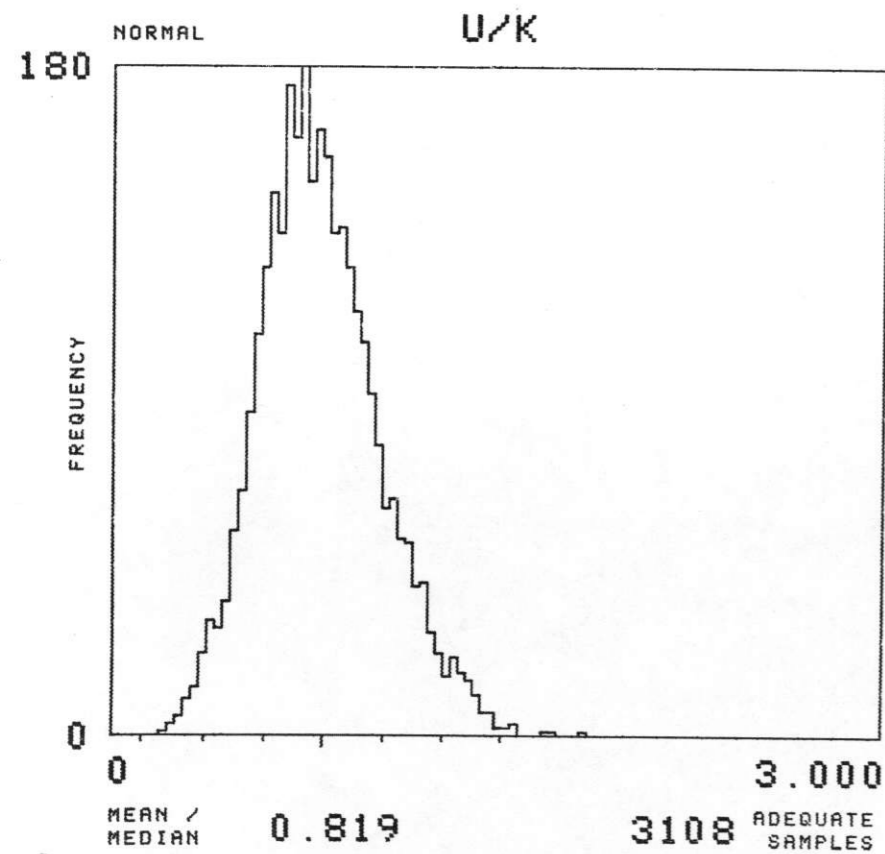
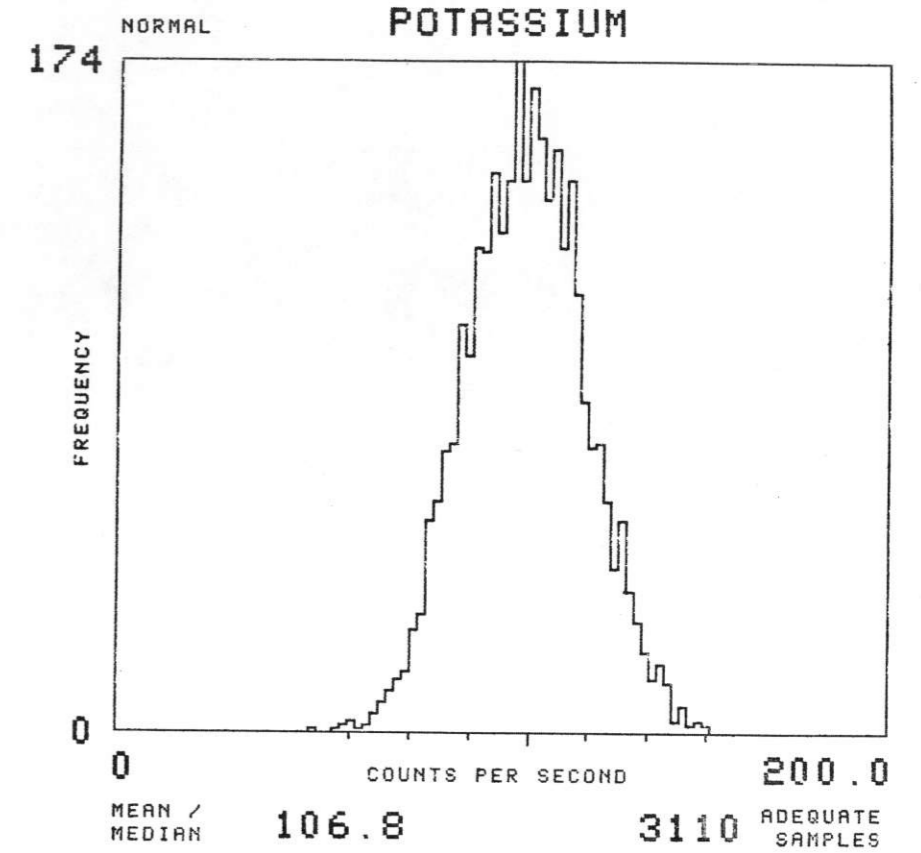
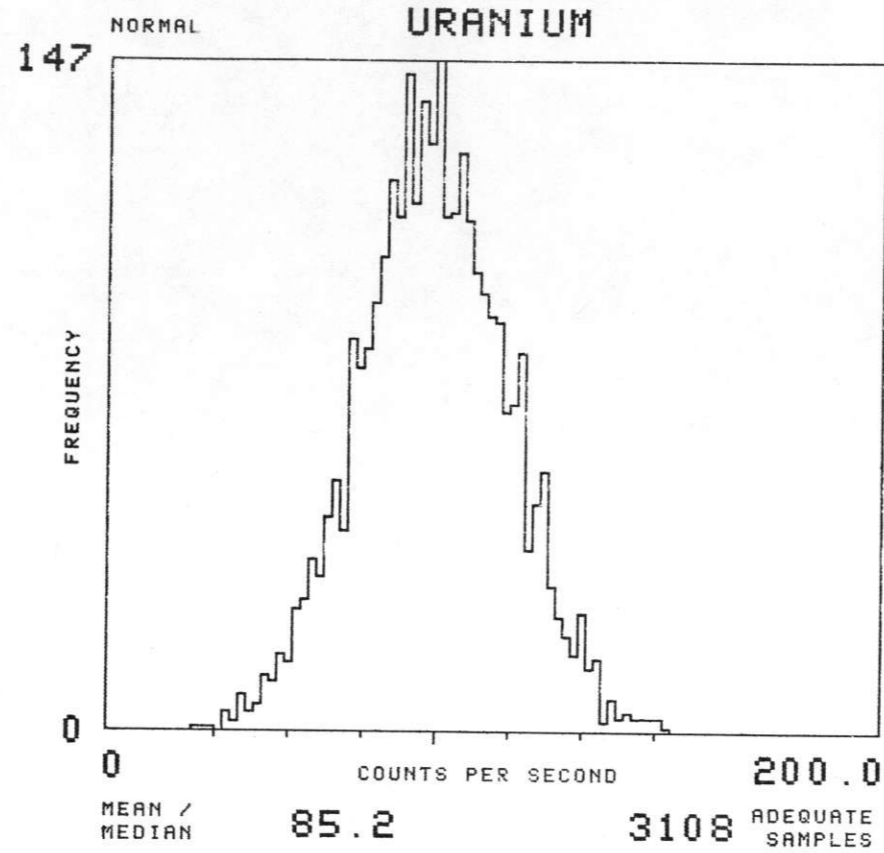
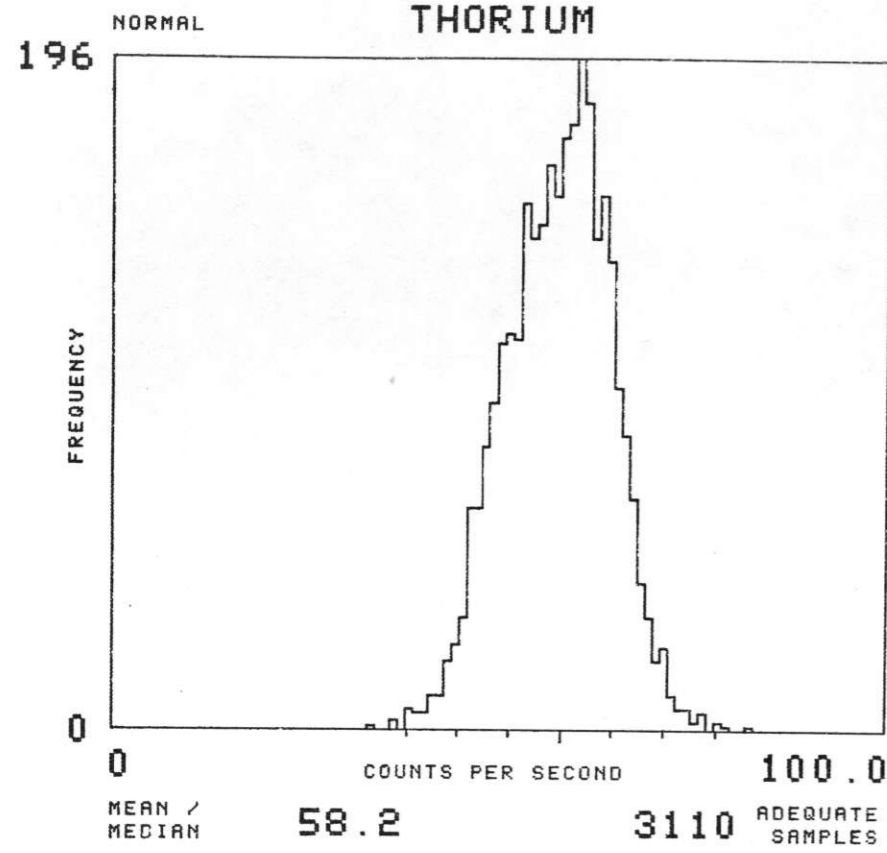
TOTAL NUMBER OF SAMPLES 1384

EAST SALINA BASIN - GEOMETRICS 1977





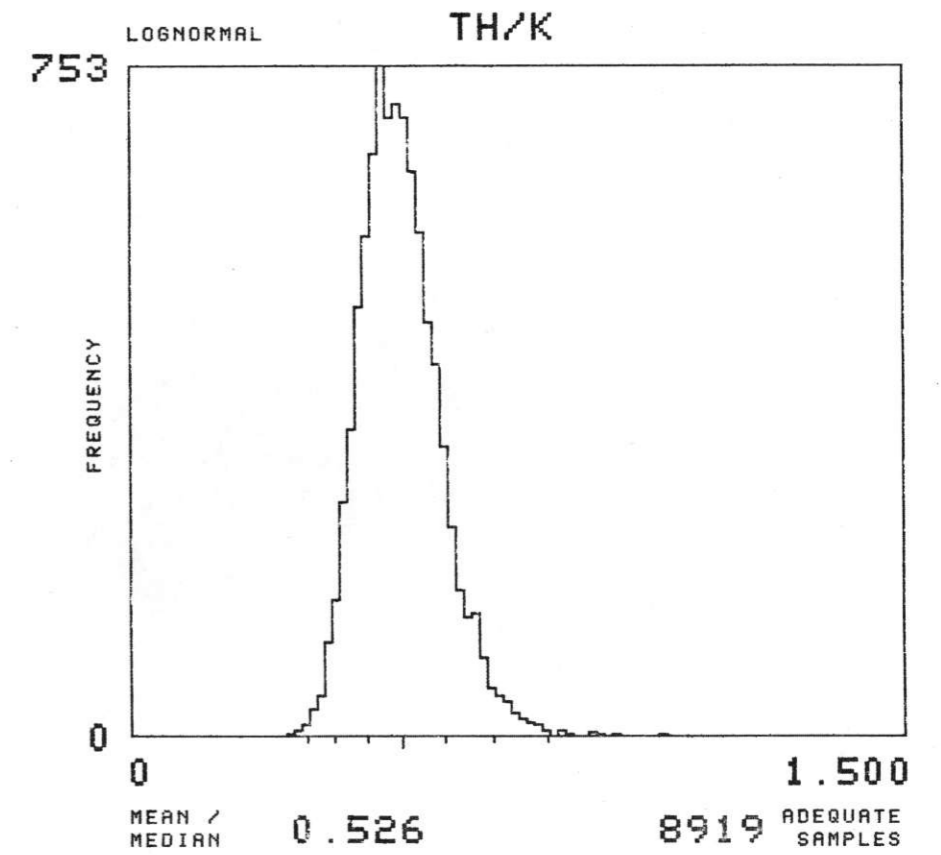
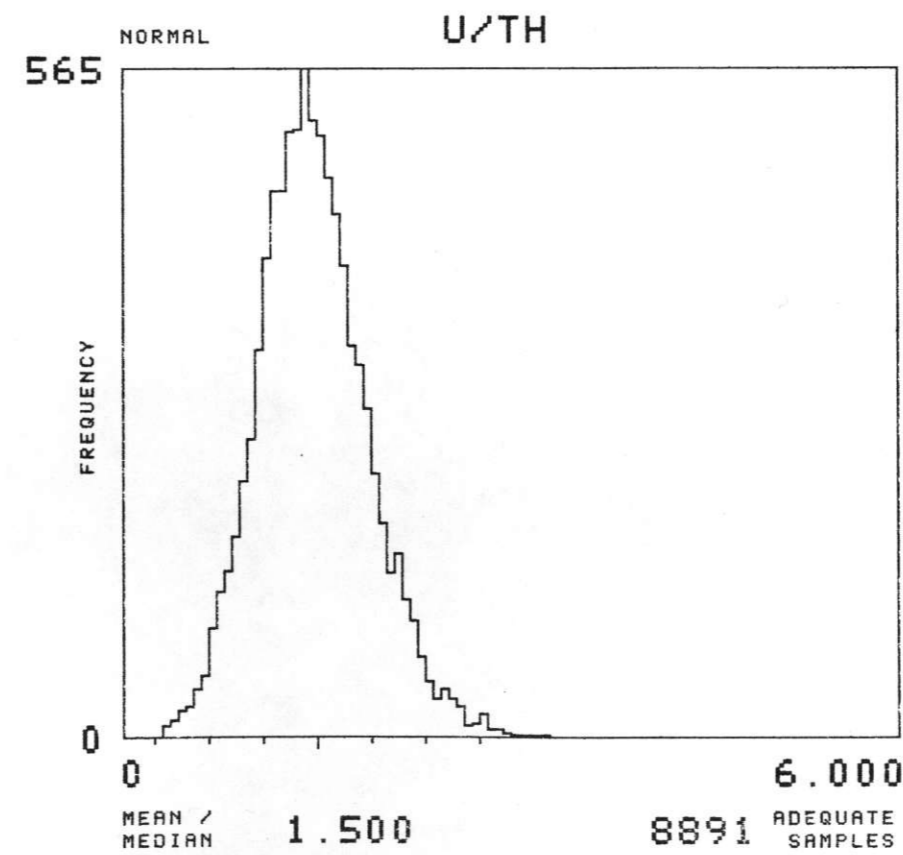
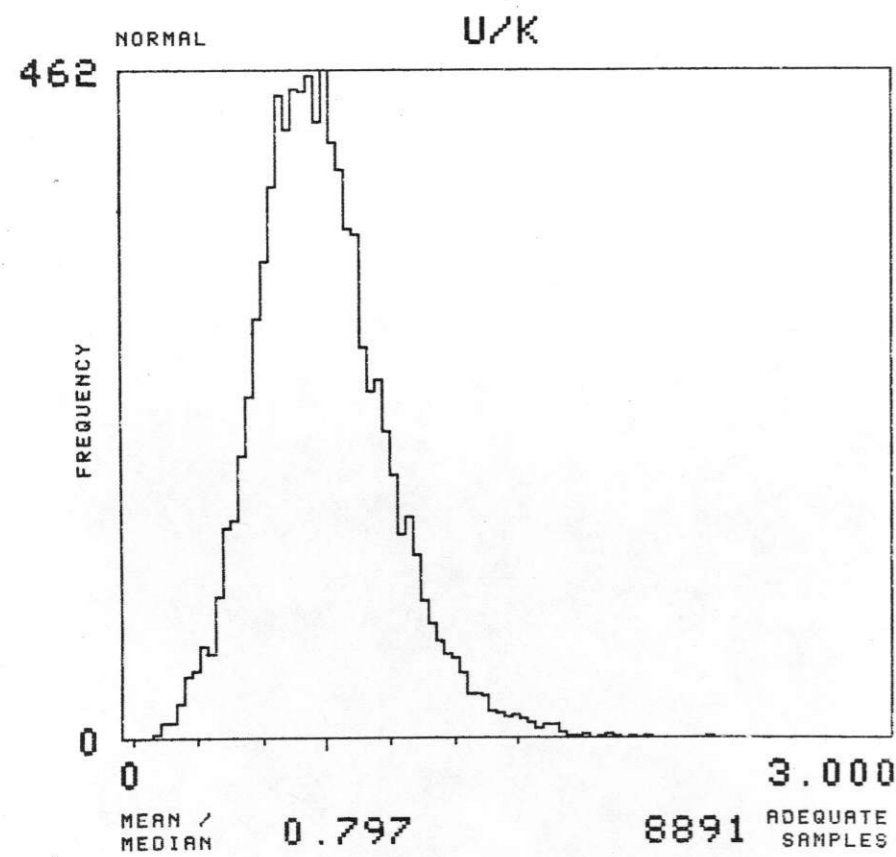
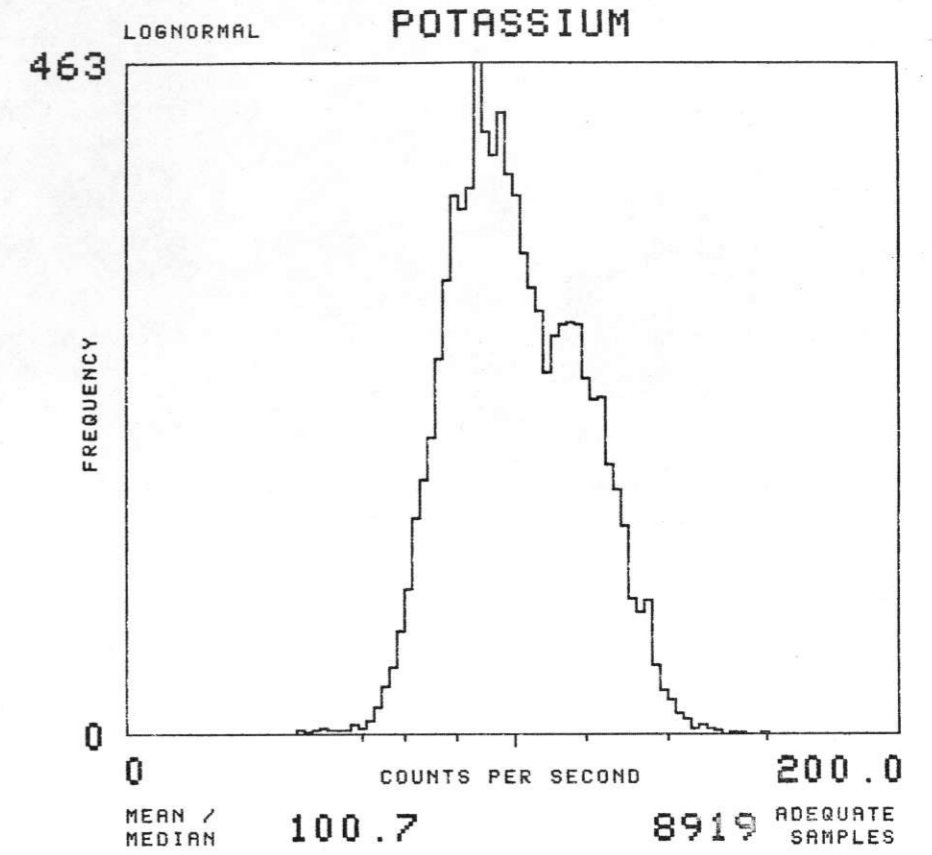
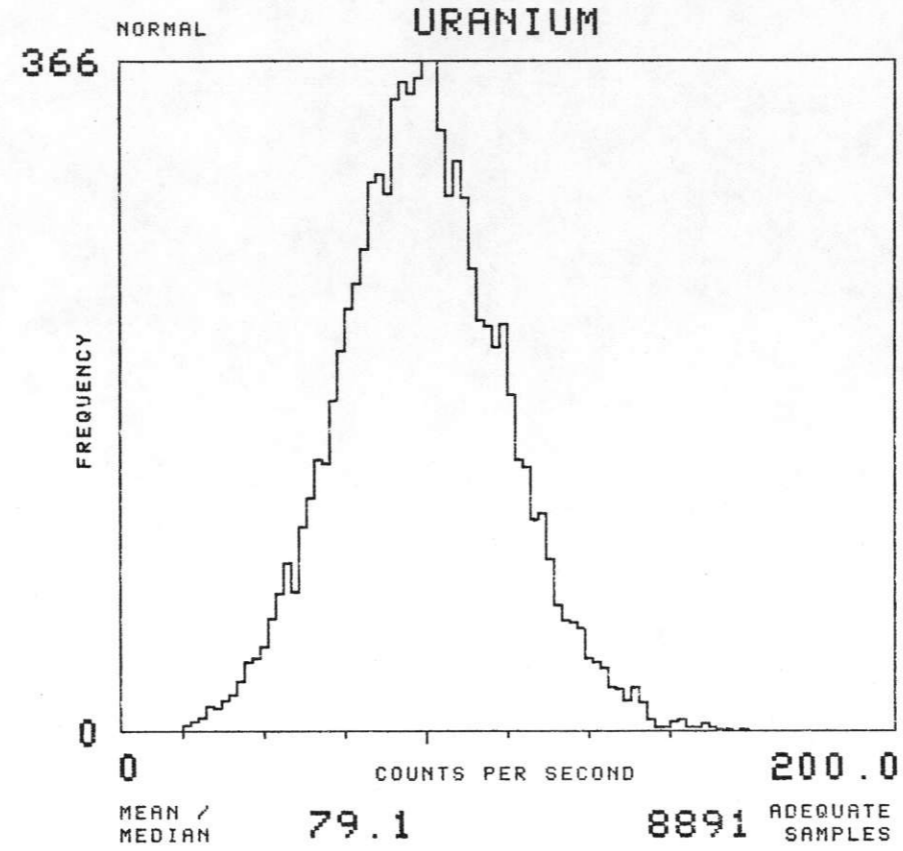
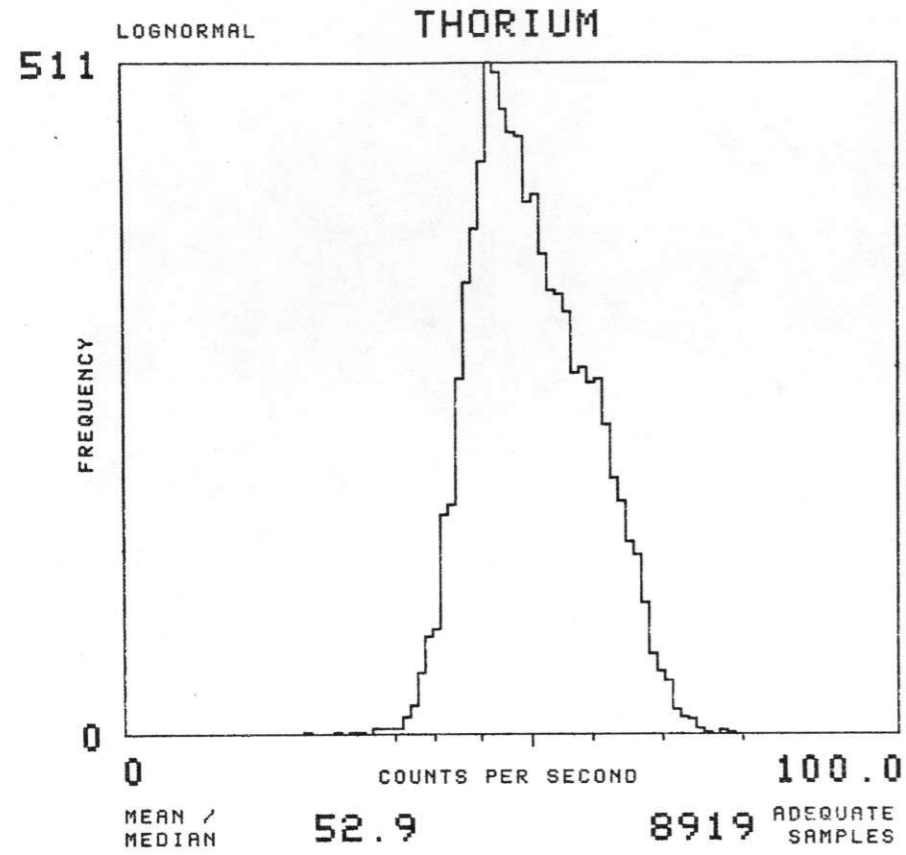




NTMS NK 14-12 LINCOLN

SOIL GROUP : HFBT TOTAL NUMBER OF SAMPLES 8919

EAST SALINA BASIN - GEOMETRICS 1977

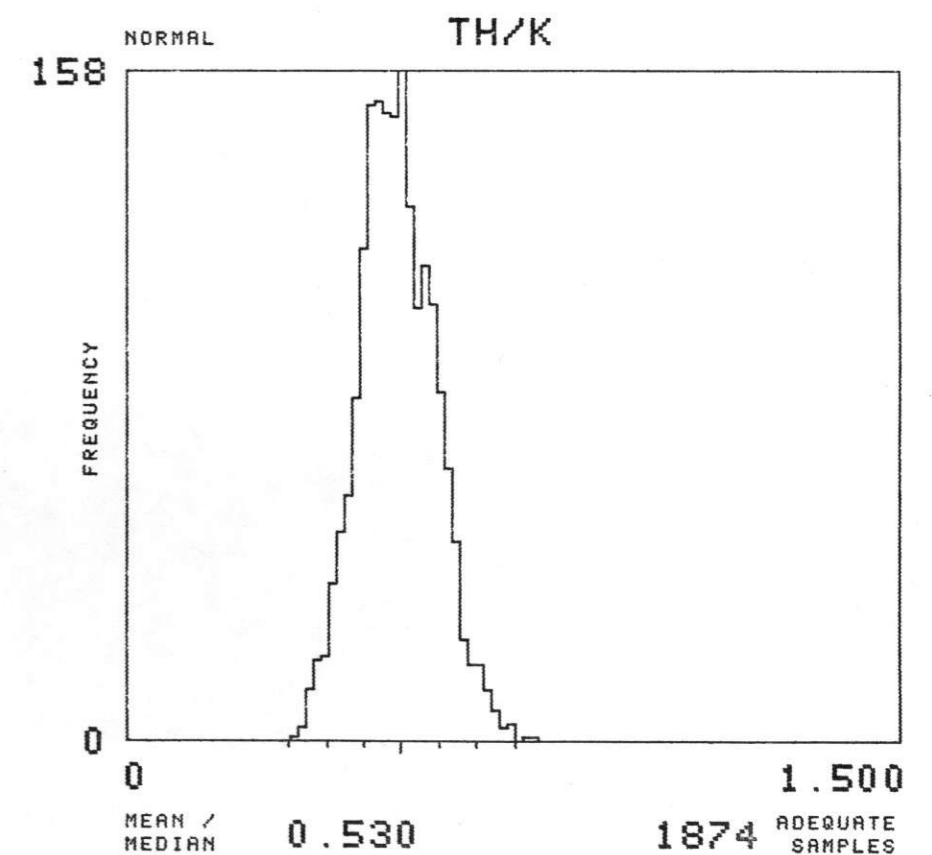
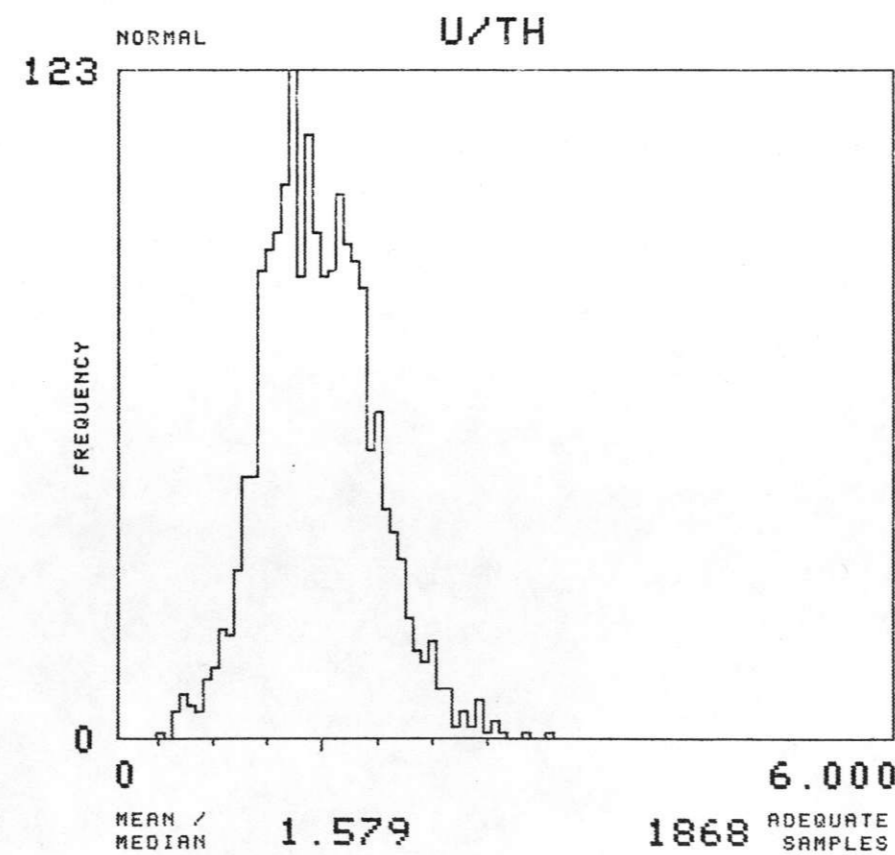
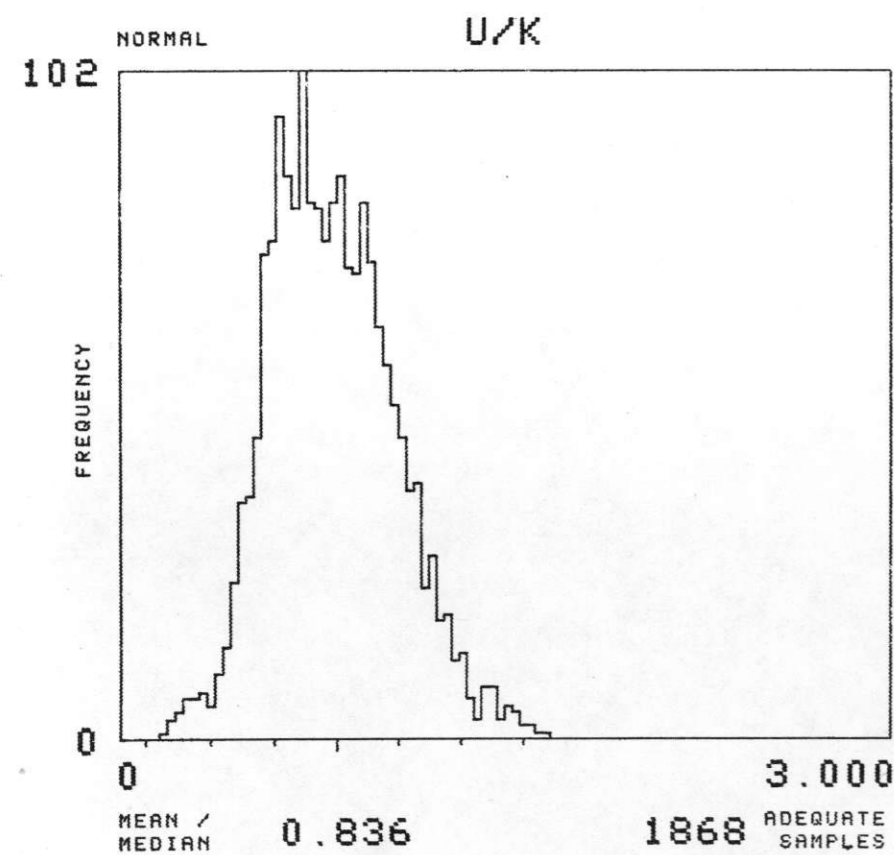
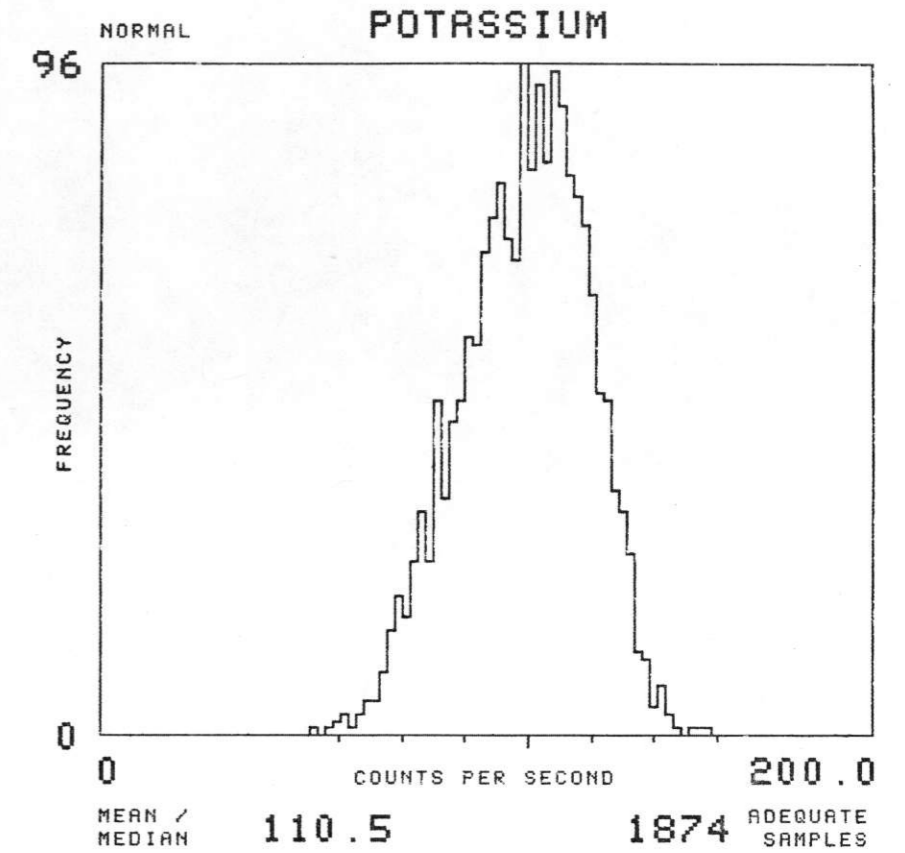
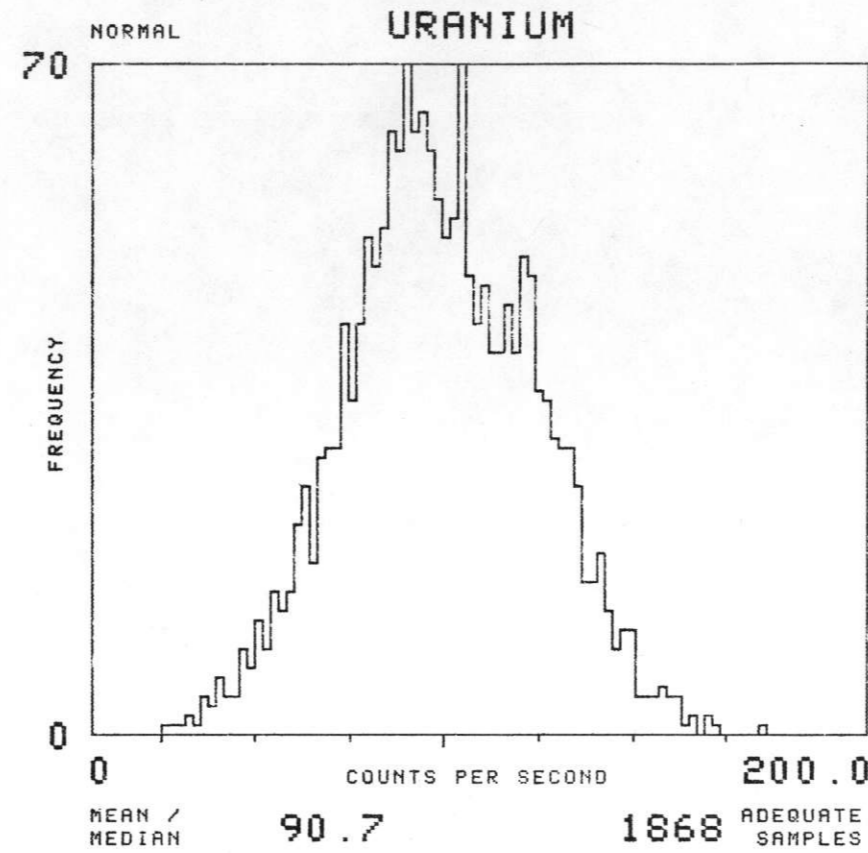
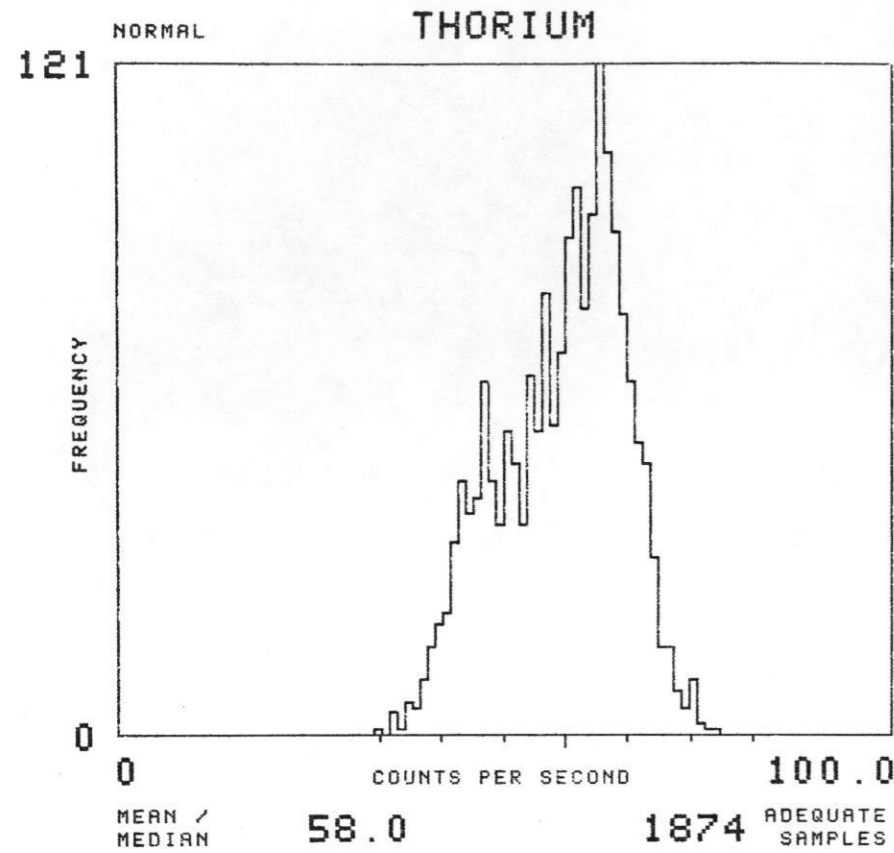


NTMS NK 14-12 LINCOLN

SOIL GROUP : HGE

TOTAL NUMBER OF SAMPLES 1874

EAST SALINA BASIN - GEOMETRICS 1977

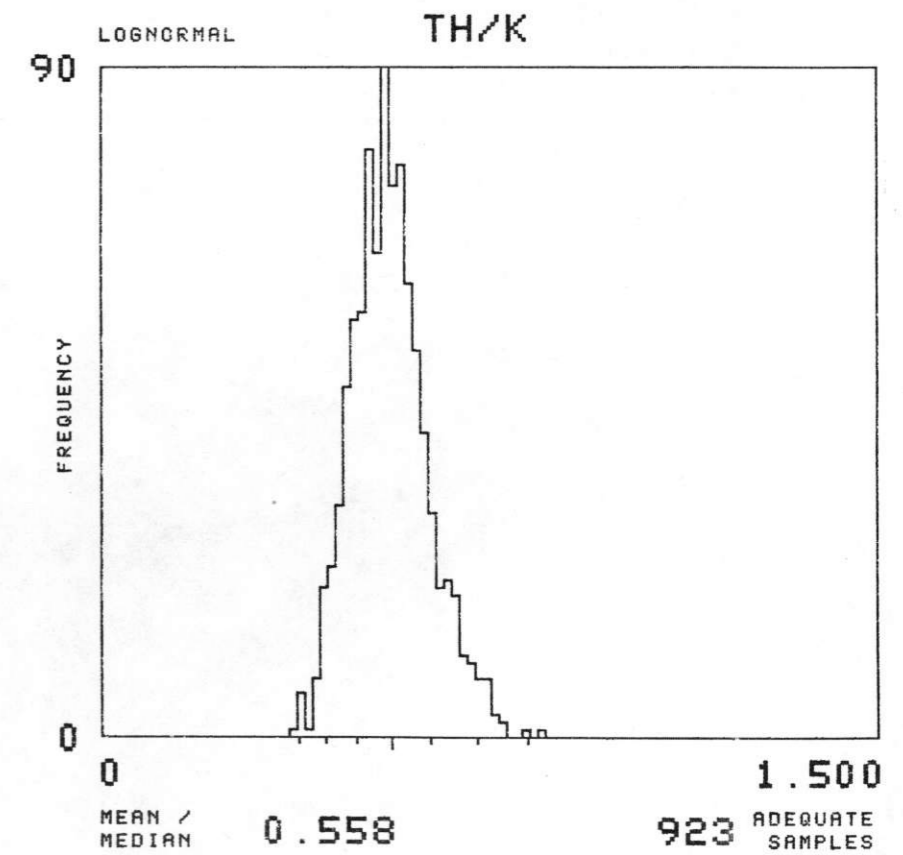
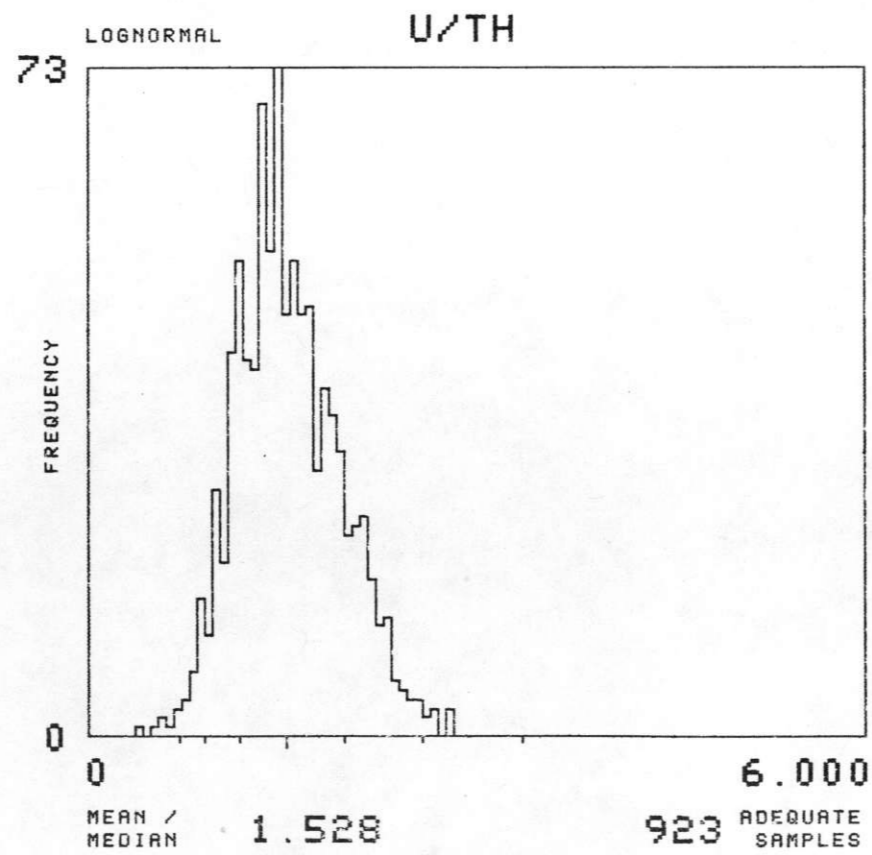
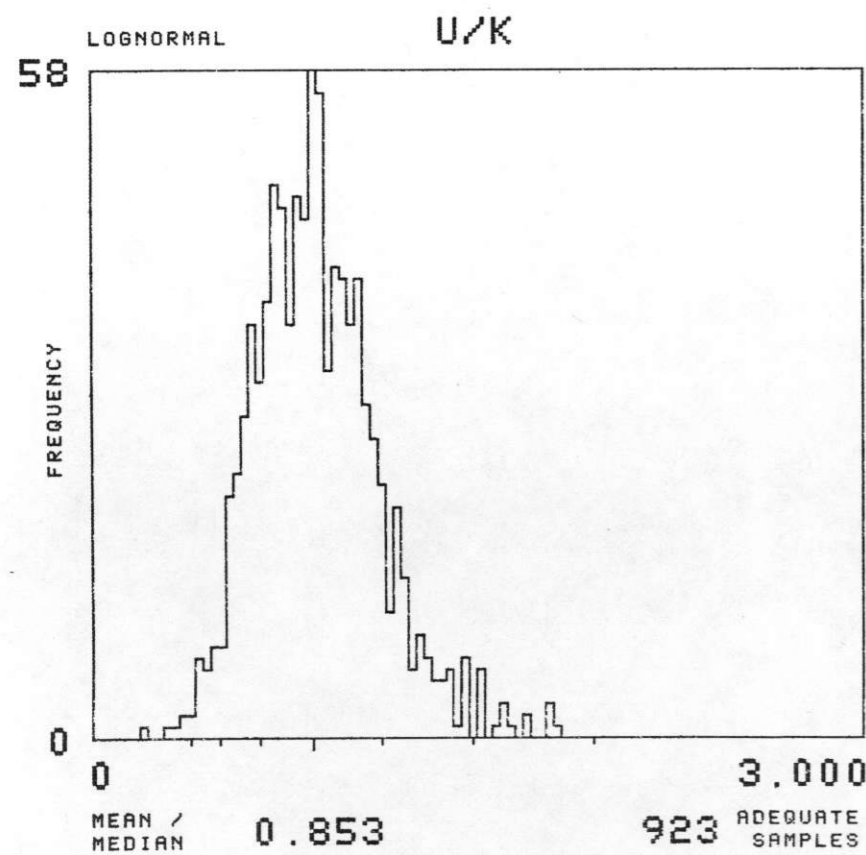
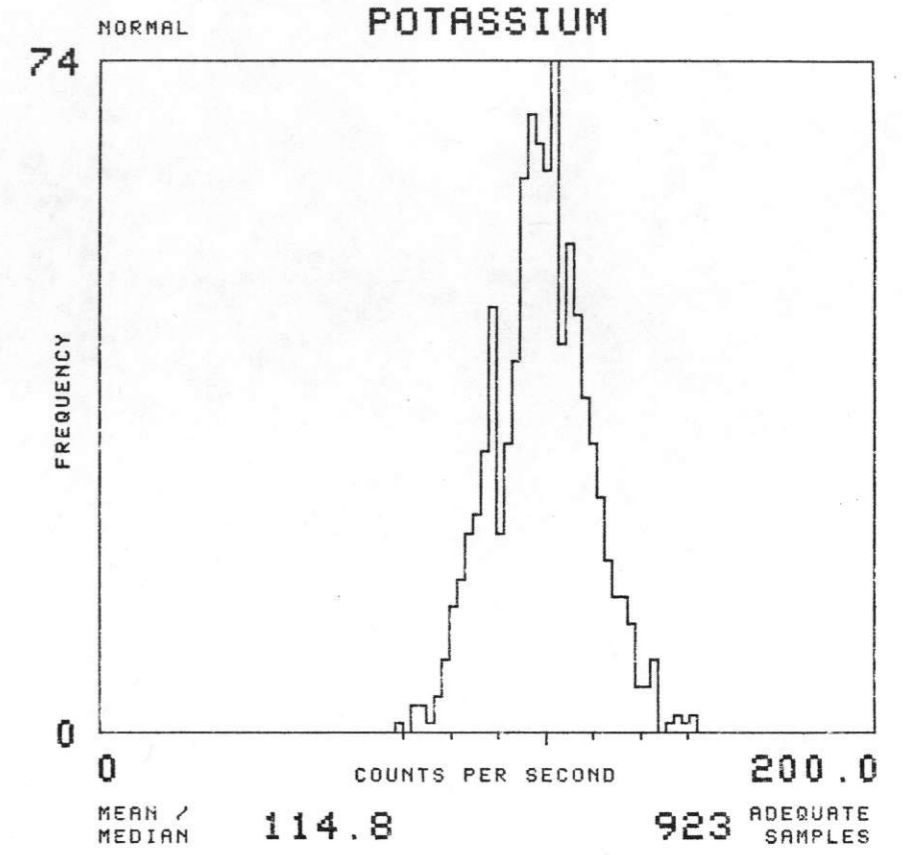
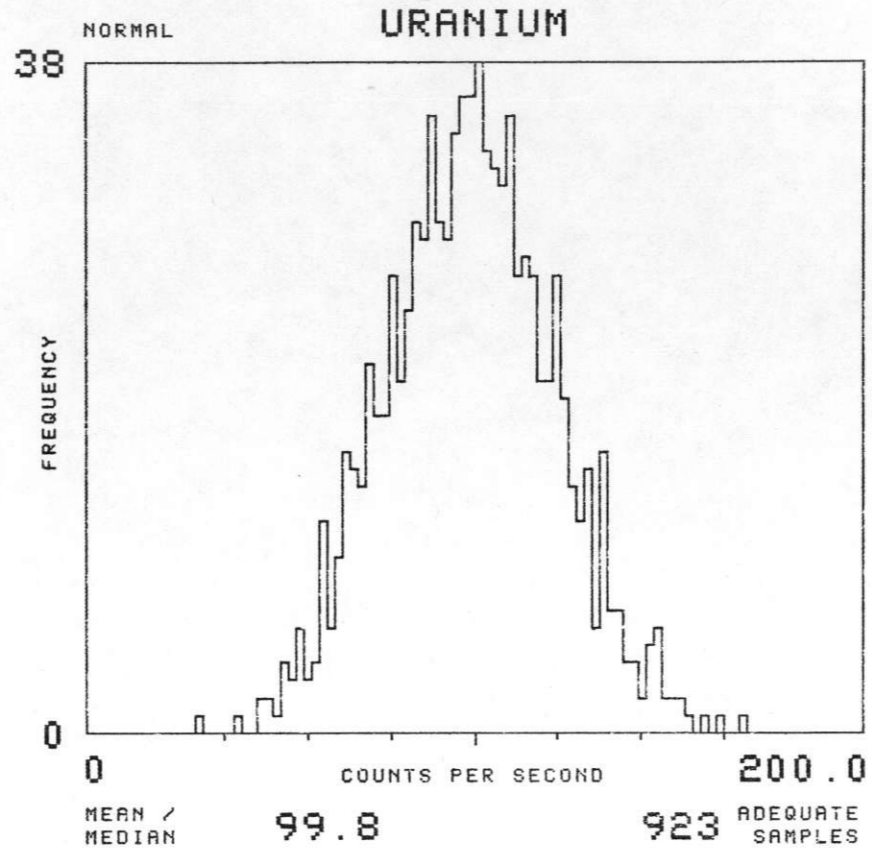
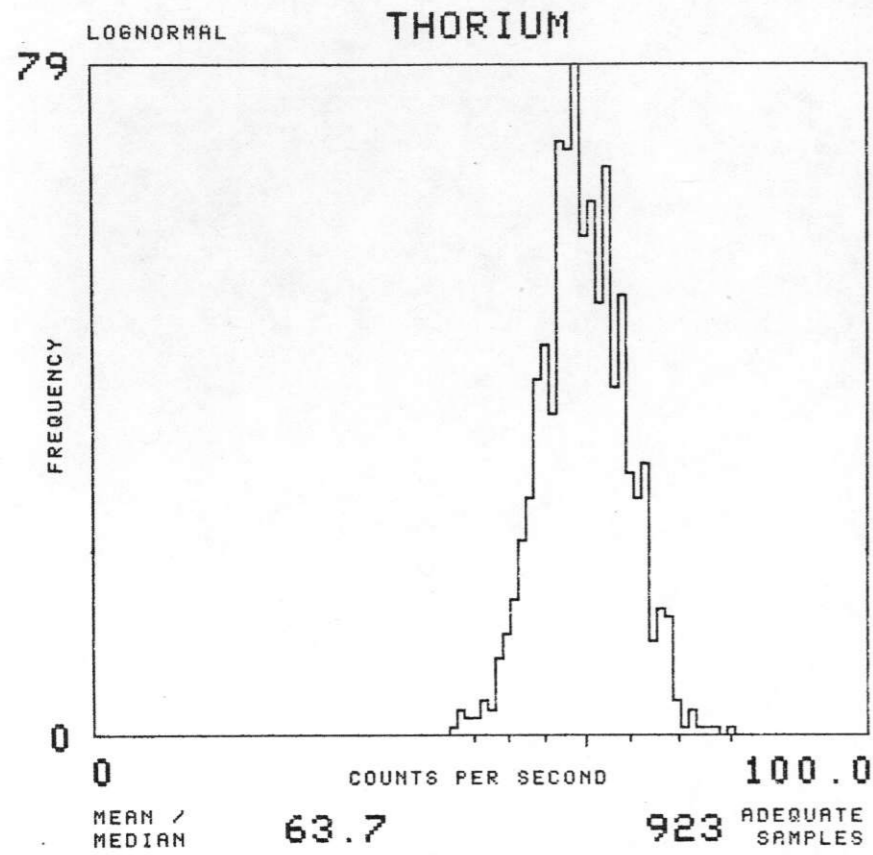


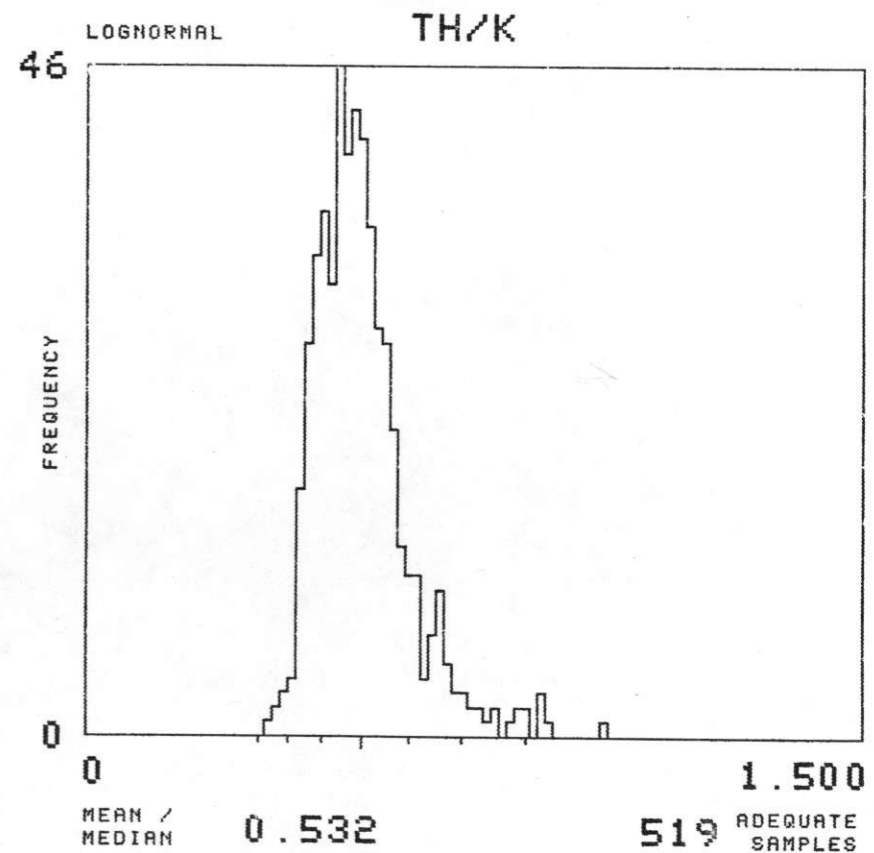
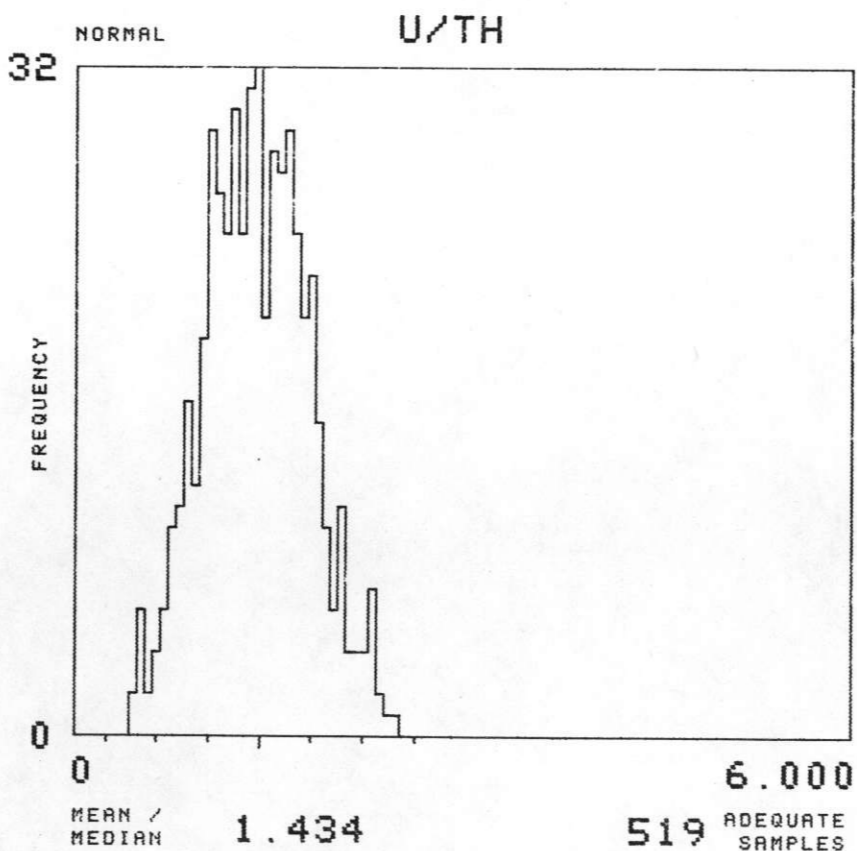
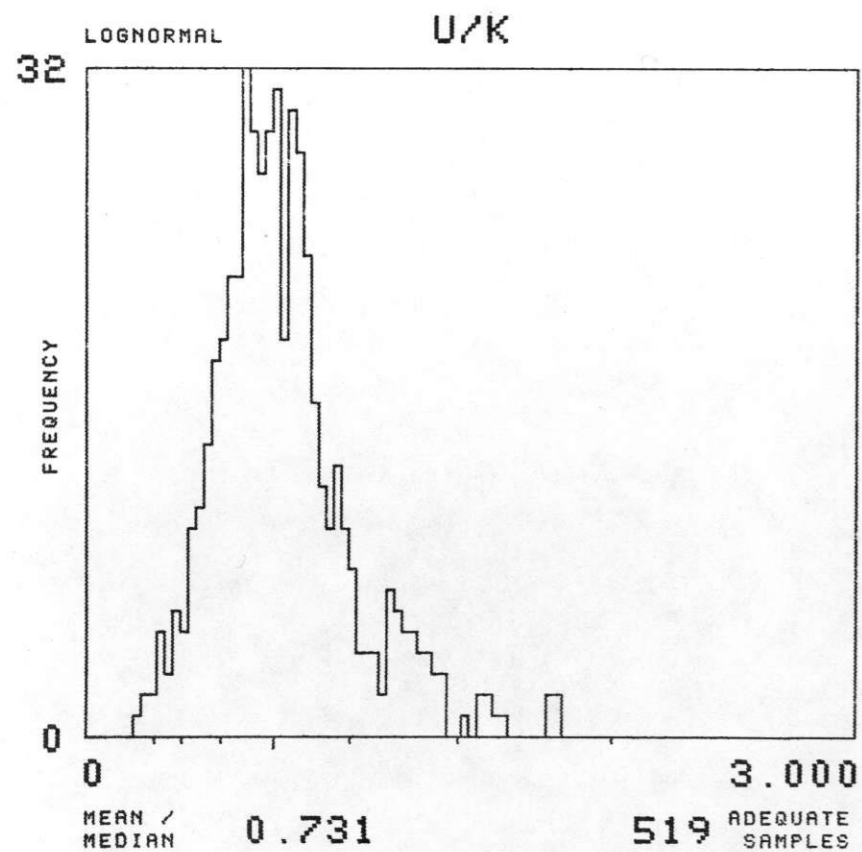
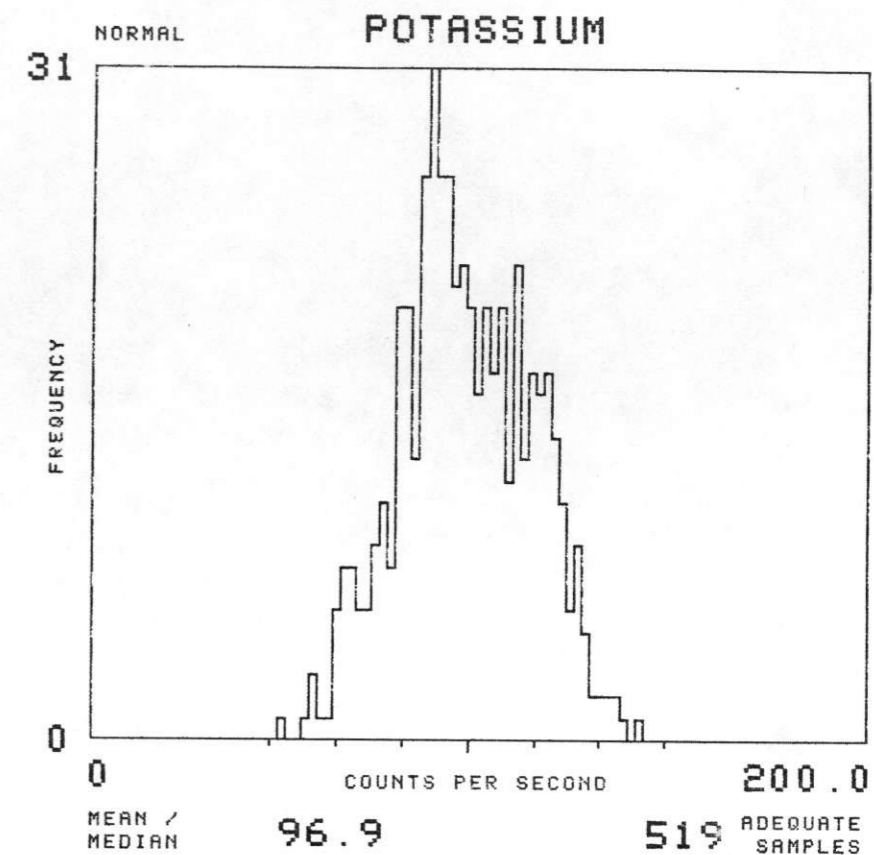
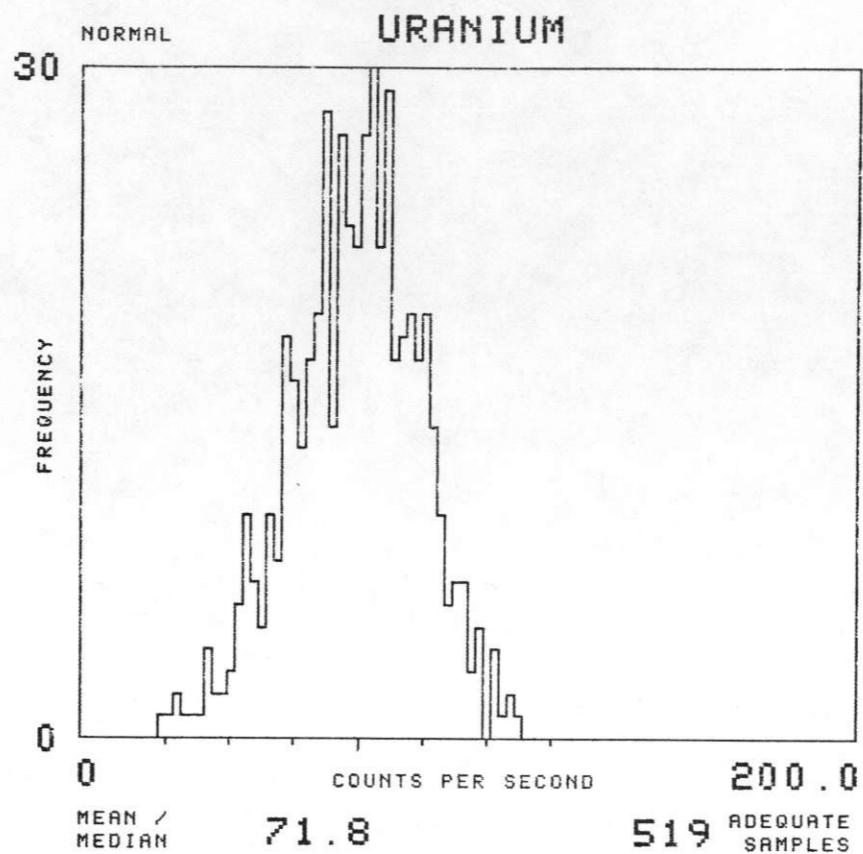
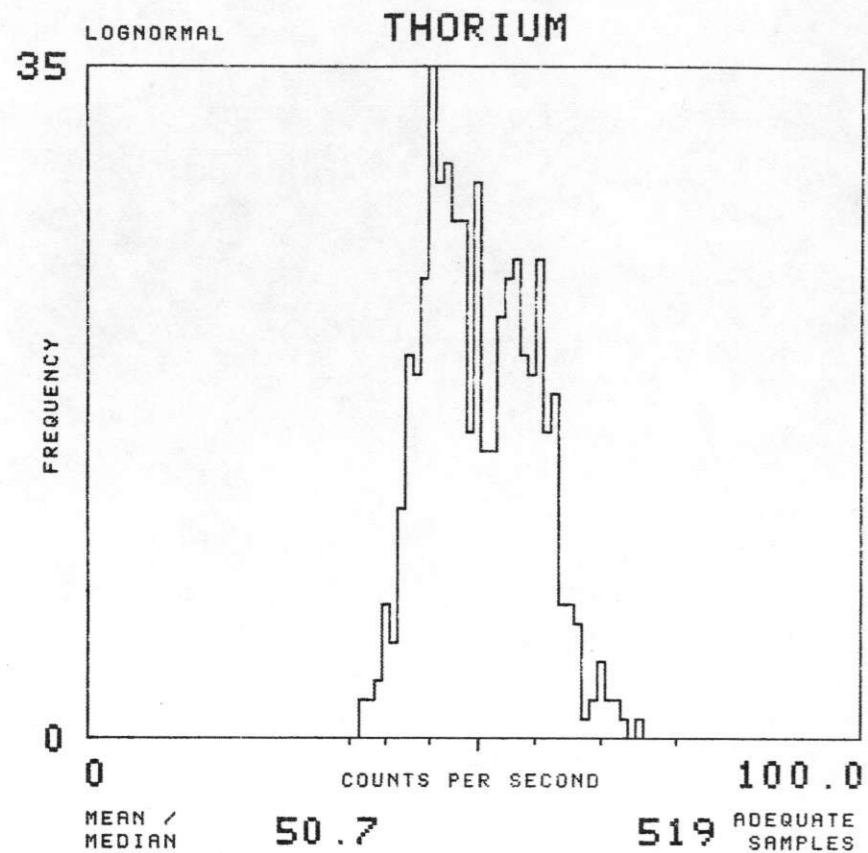
NTMS NK 14-12 LINCOLN

SOIL GROUP : HGWBN

TOTAL NUMBER OF SAMPLES 923

EAST SALINA BASIN - GEOMETRICS 1977

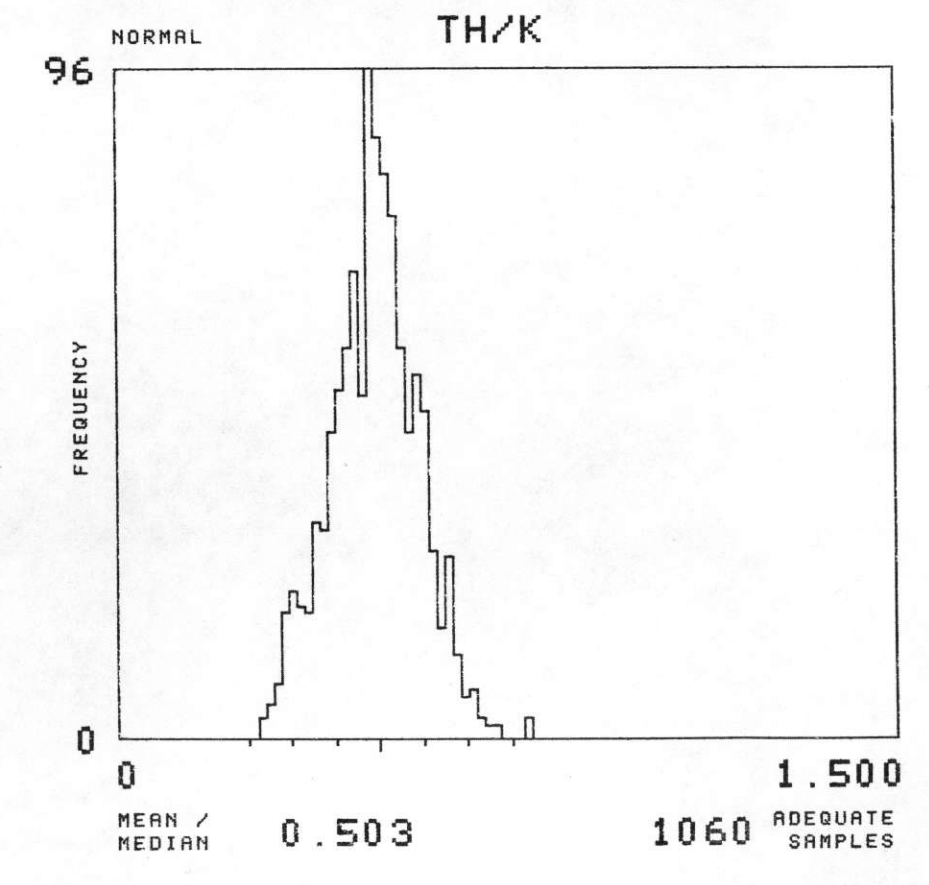
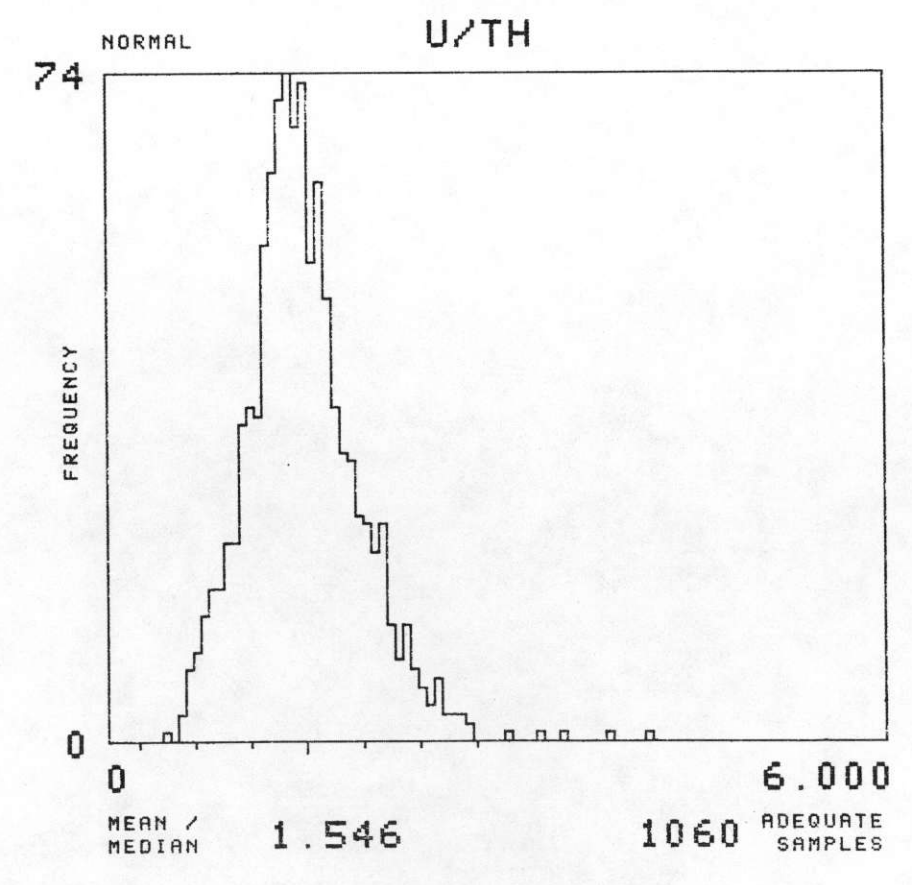
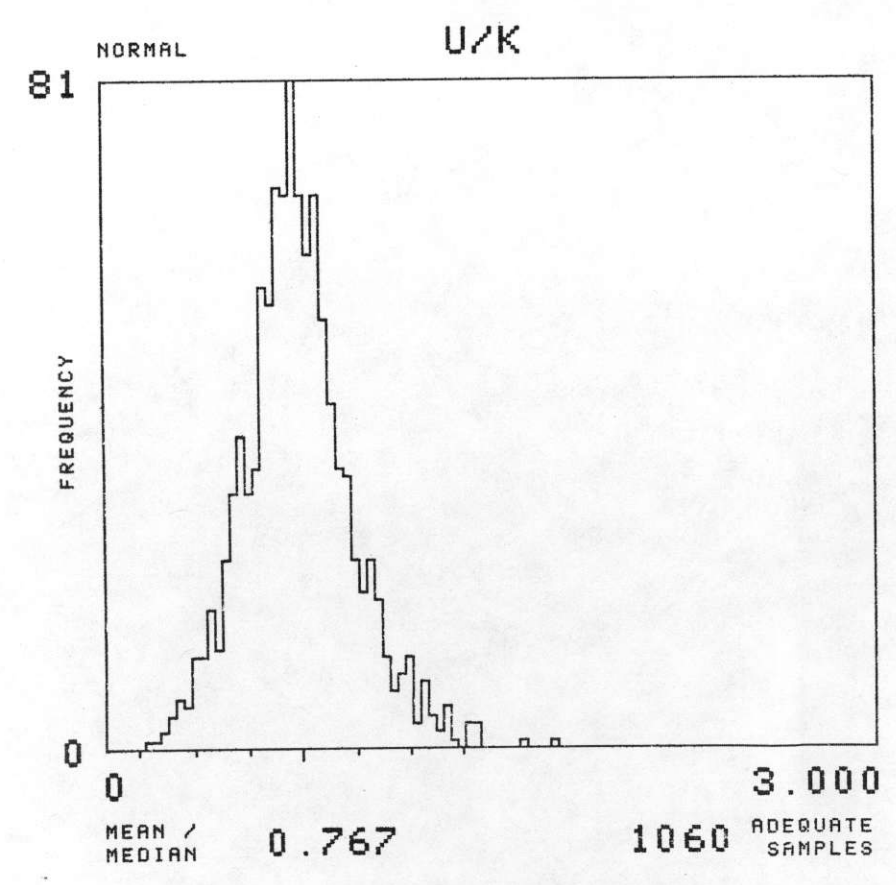
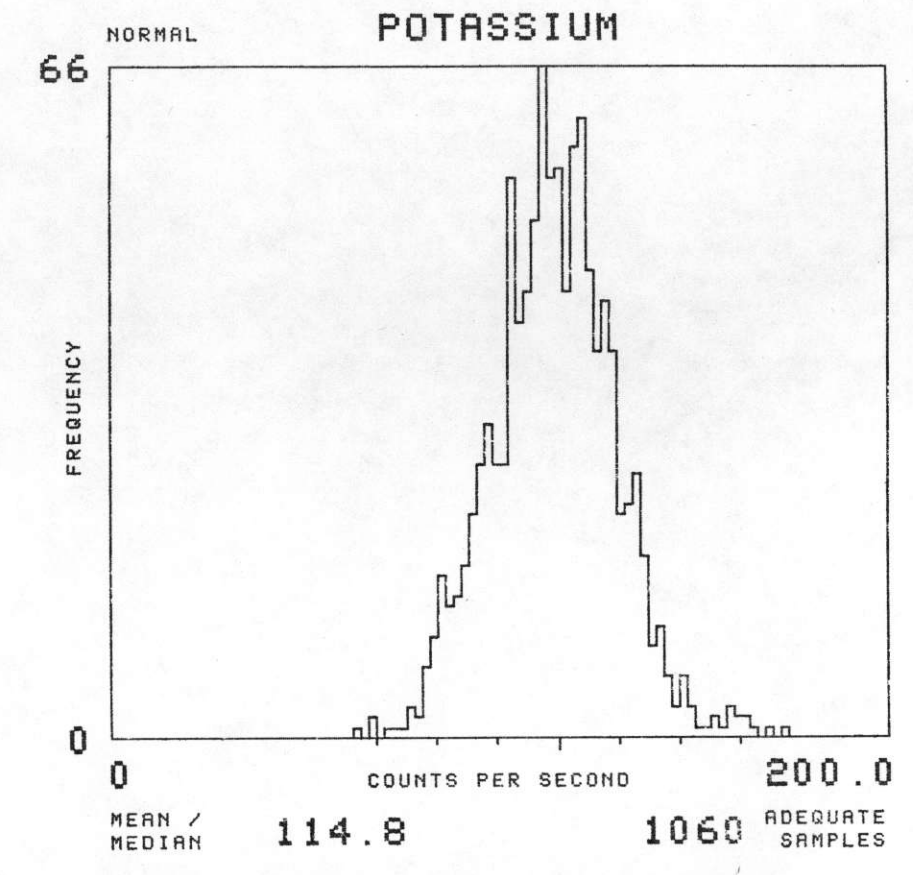
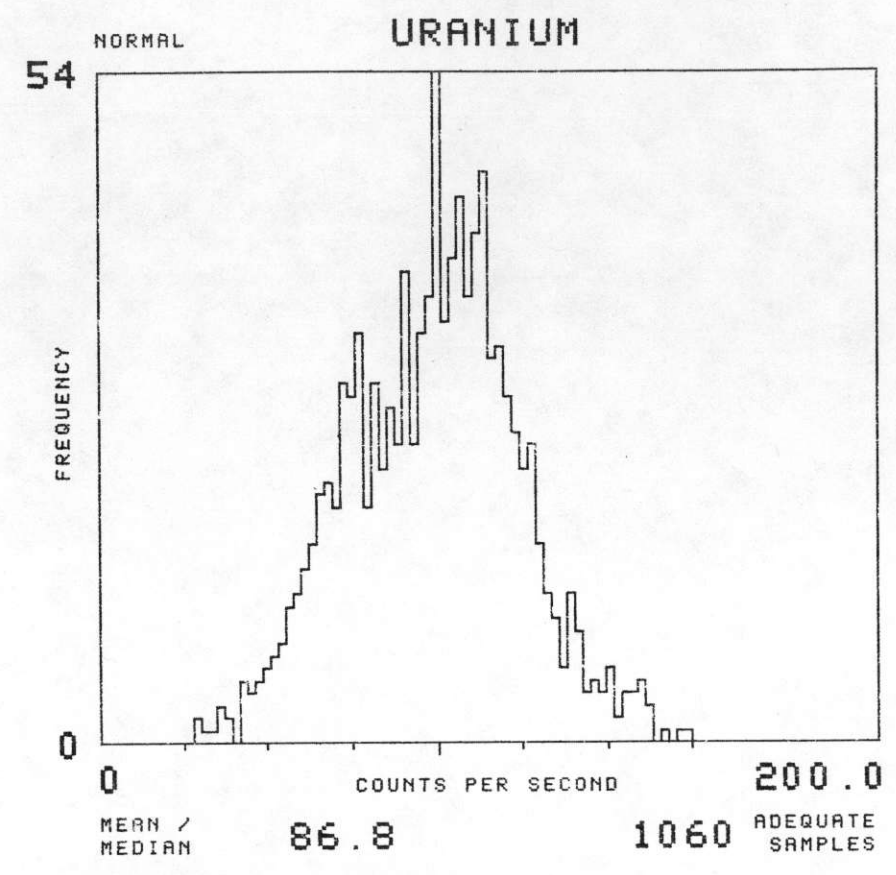
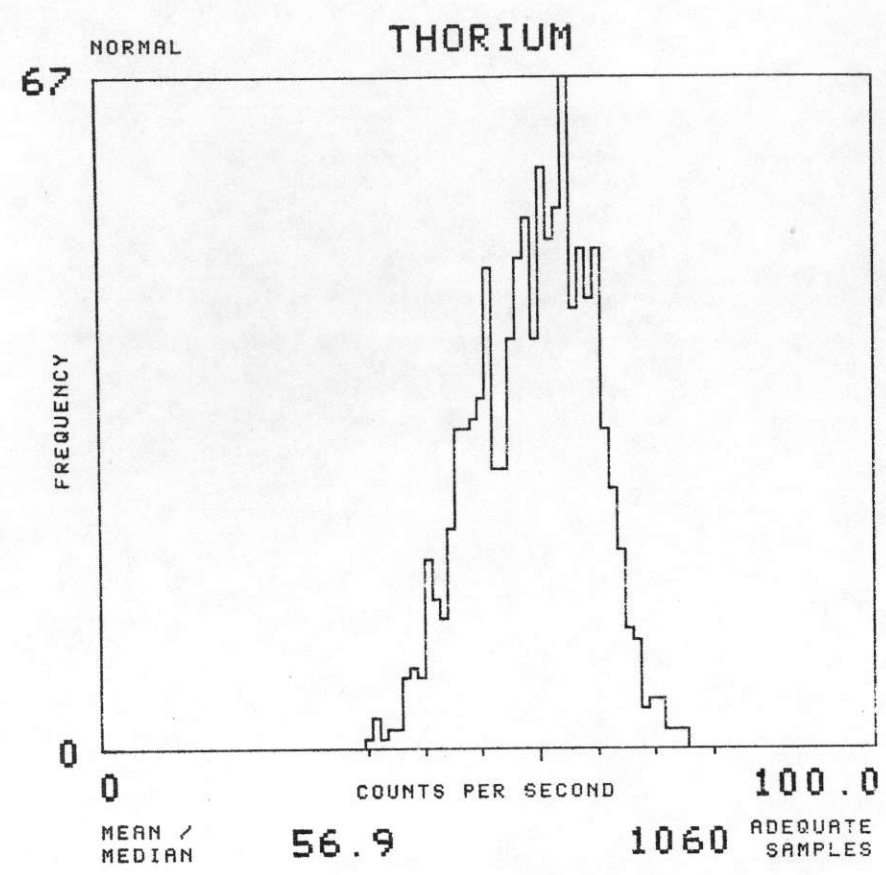




NTMS NK 14-12 LINCOLN

SOIL GROUP : JME TOTAL NUMBER OF SAMPLES 1060

EAST SALINA BASIN - GEOMETRICS 1977



NTMS NK 14-12 LINCOLN

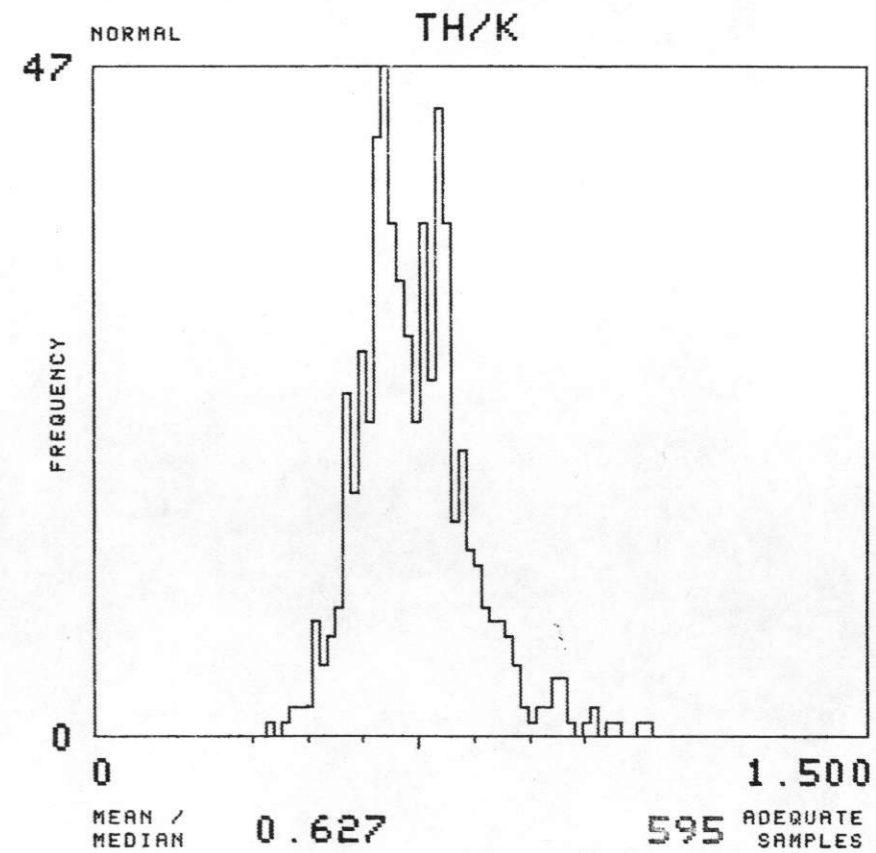
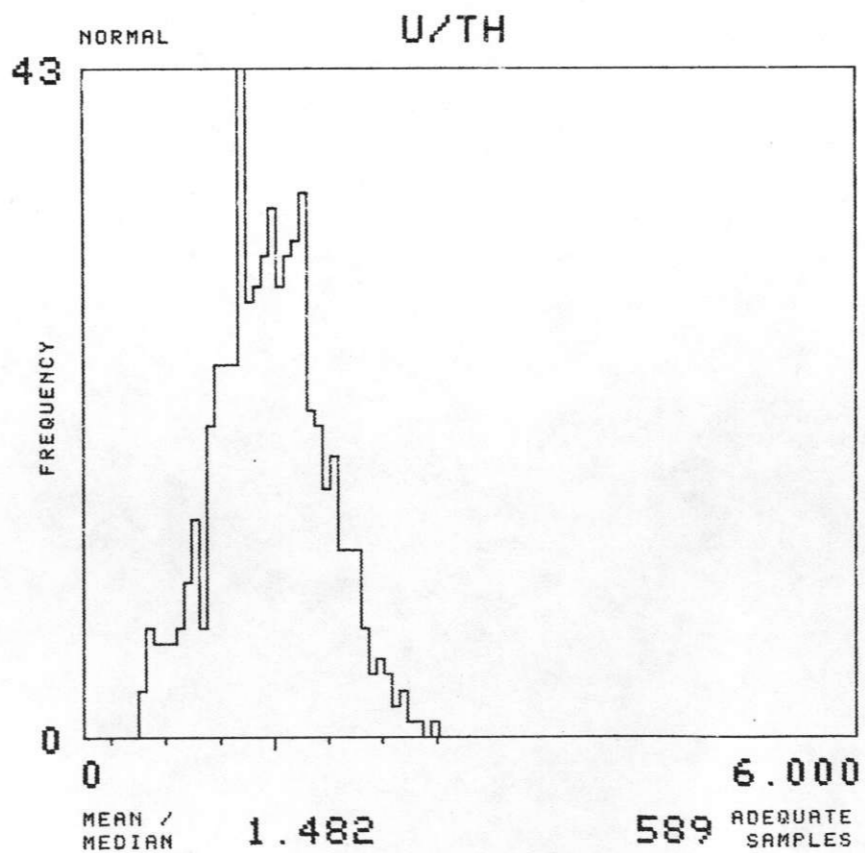
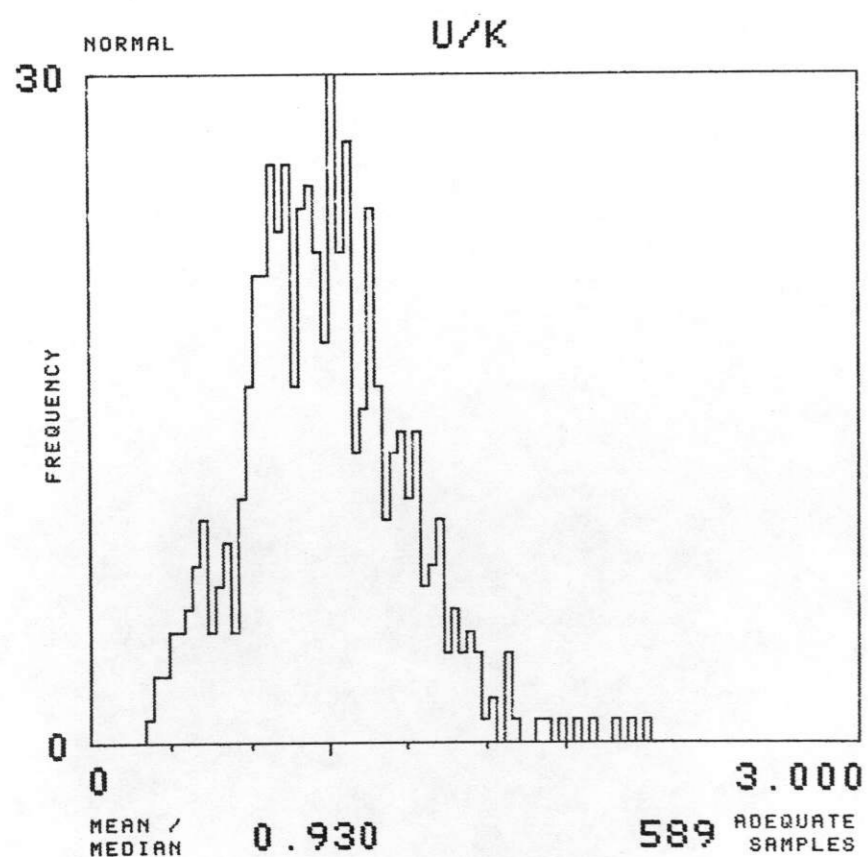
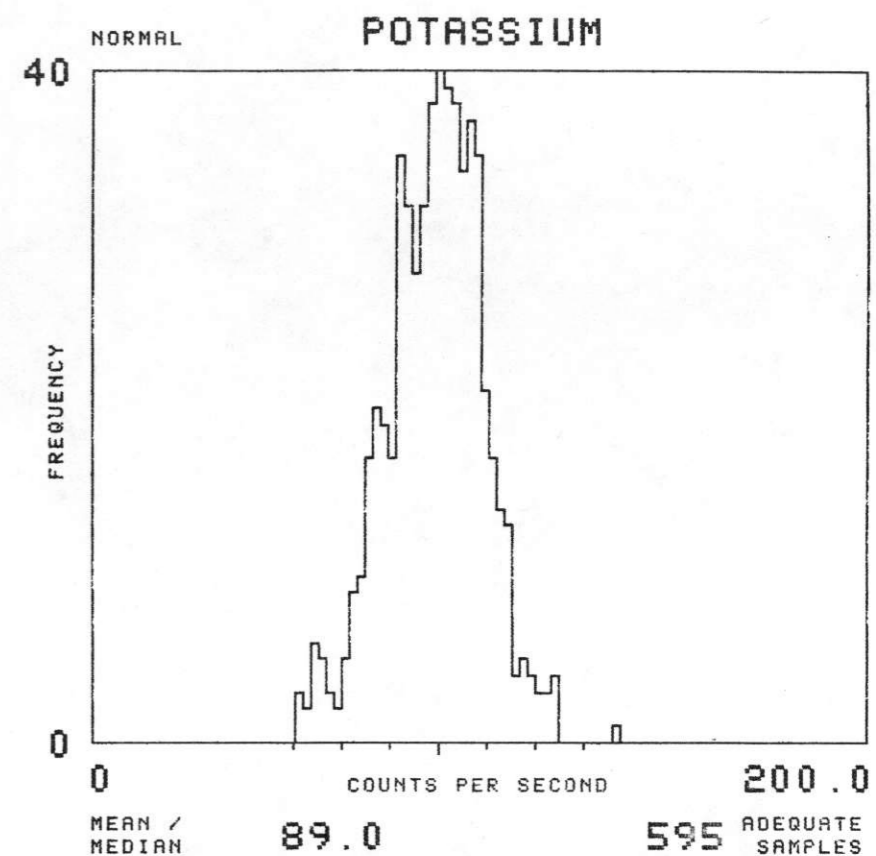
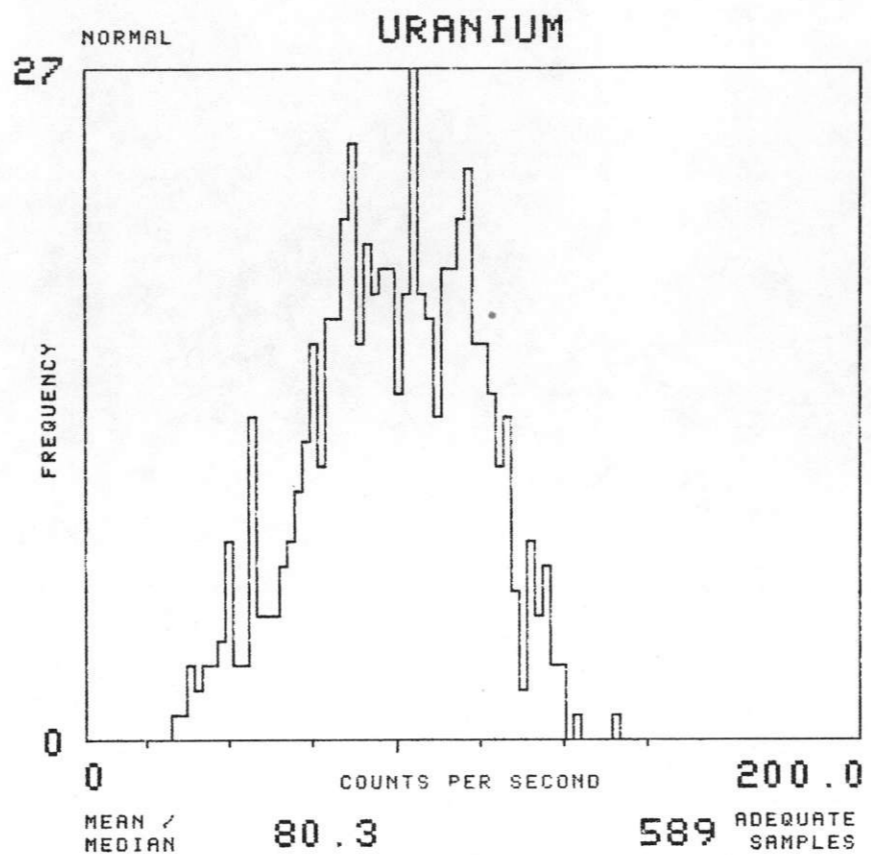
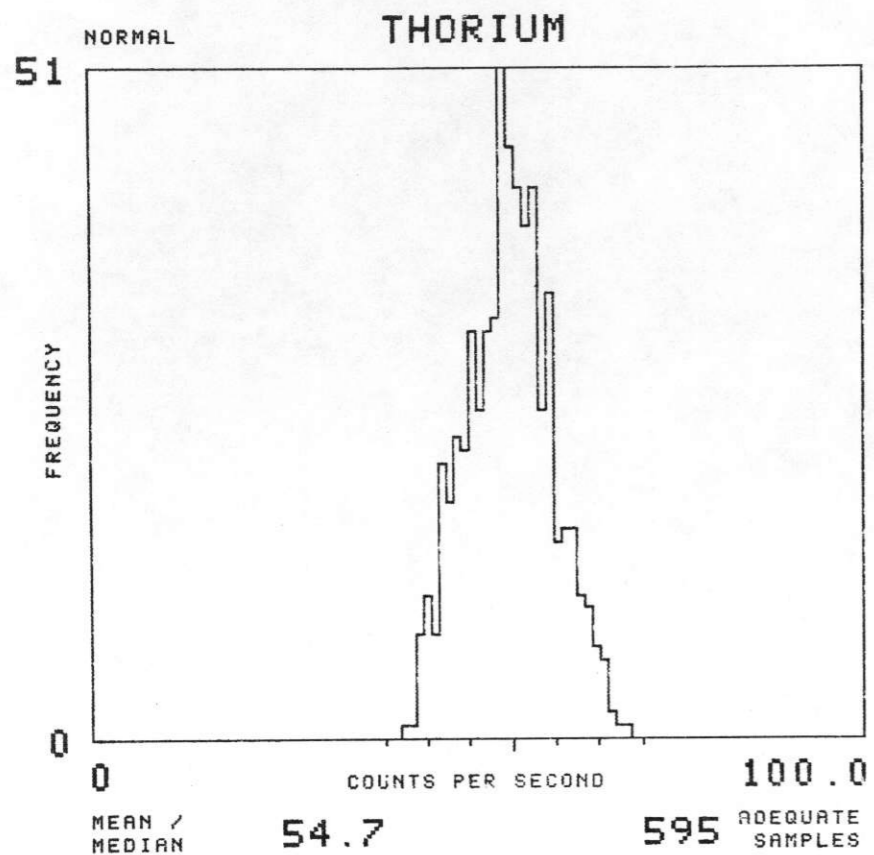
SOIL GROUP : KNJWB

TOTAL NUMBER OF SAMPLES

595

EAST SALINA BASIN - GEOMETRICS

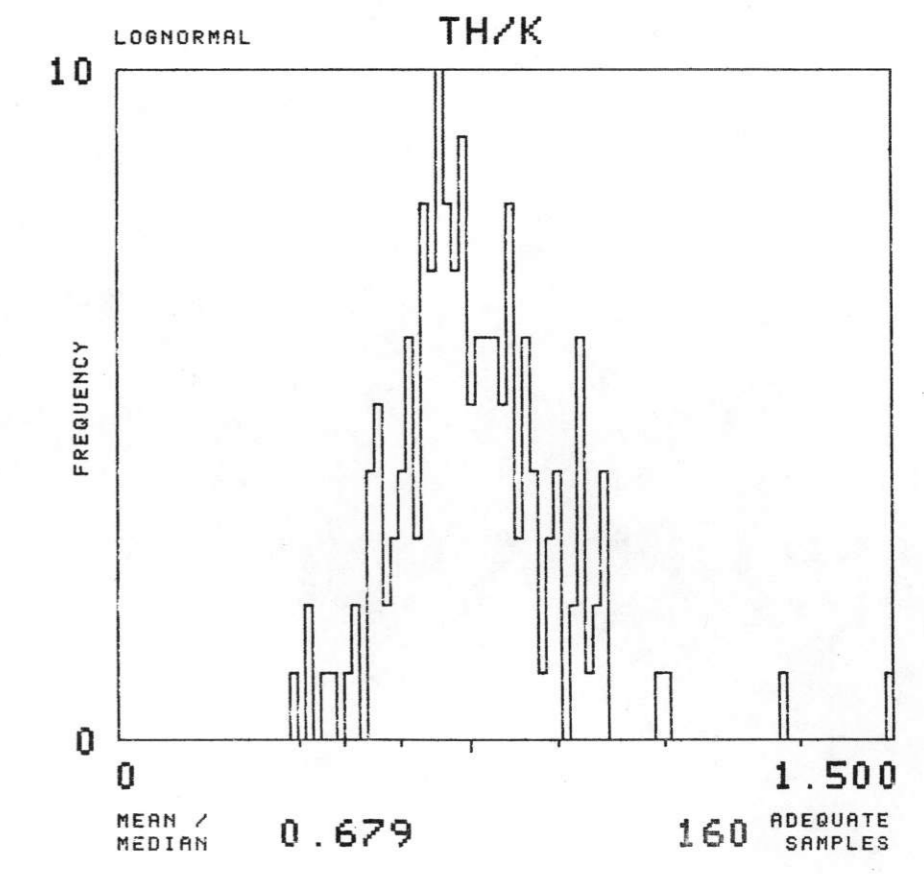
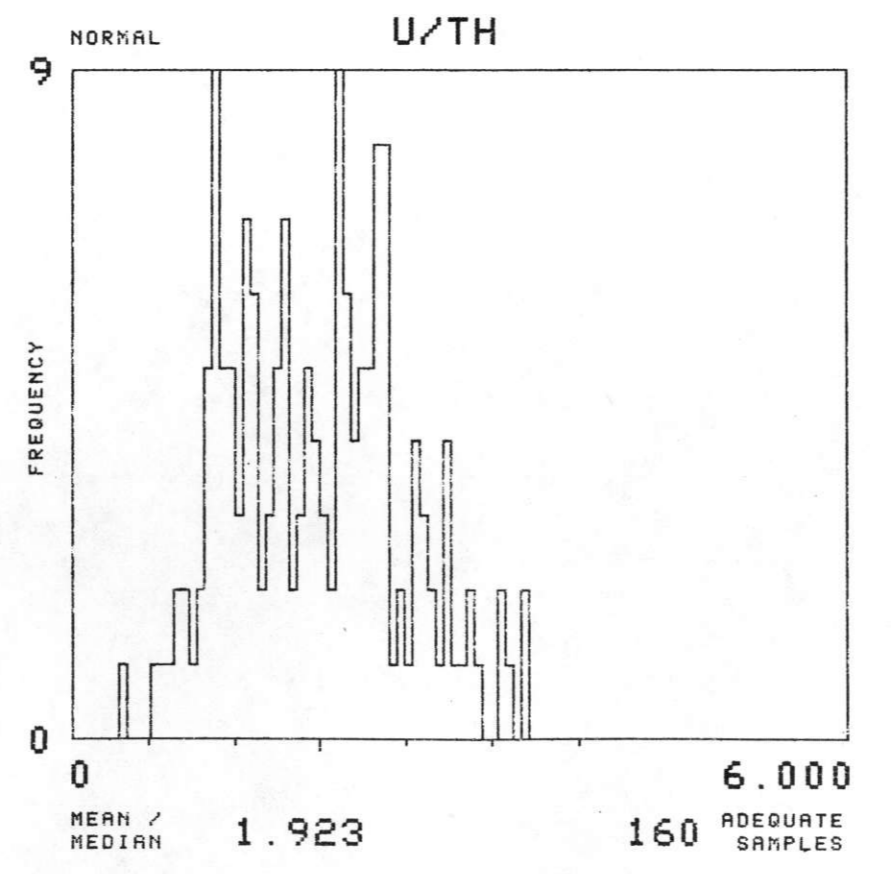
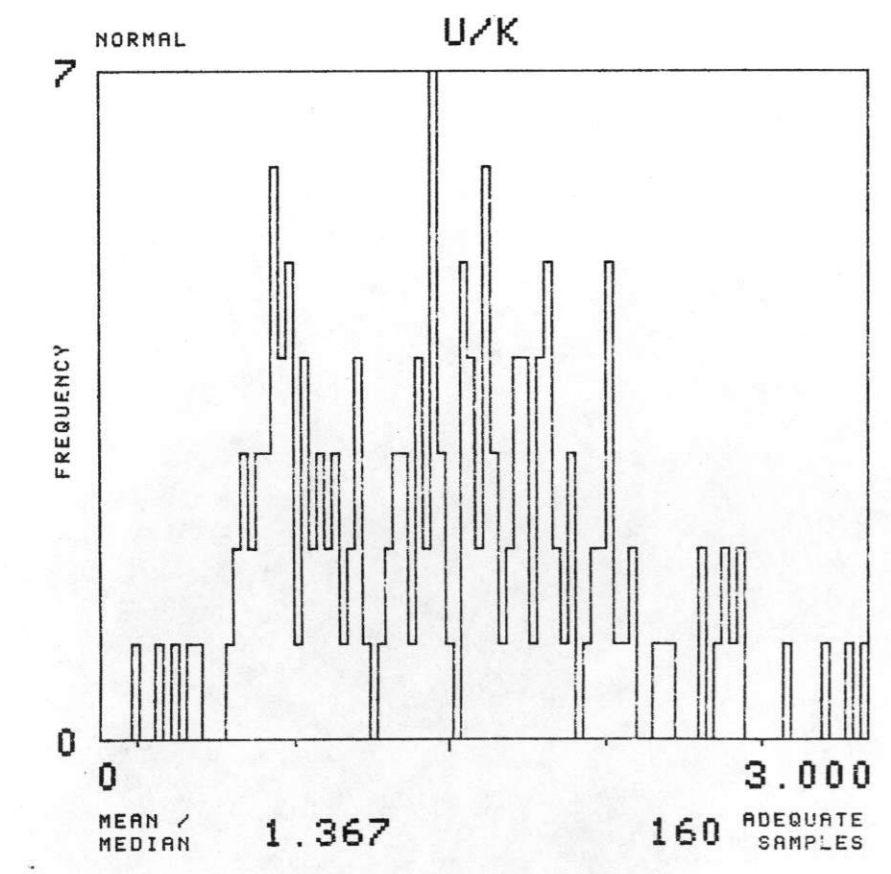
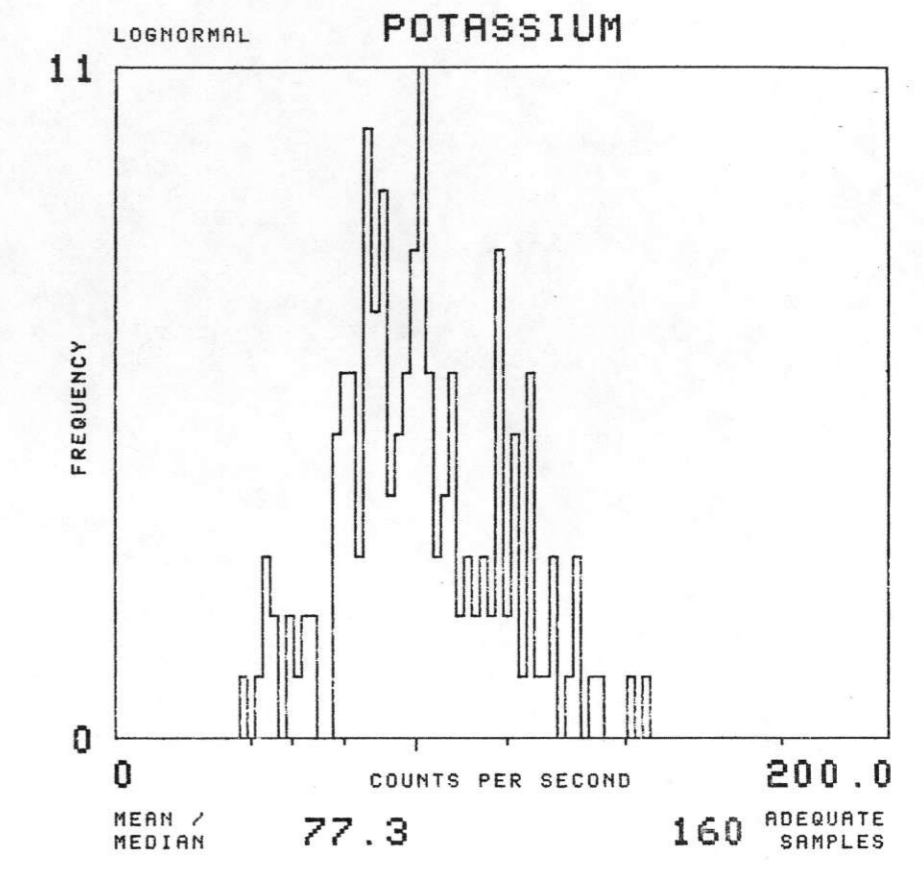
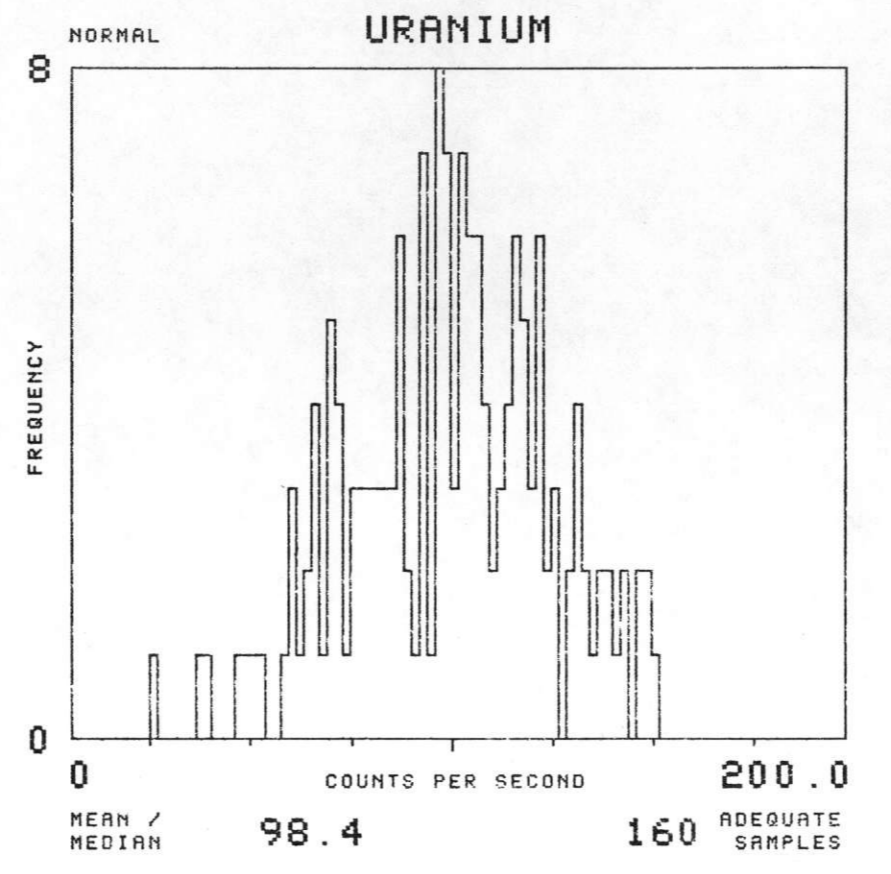
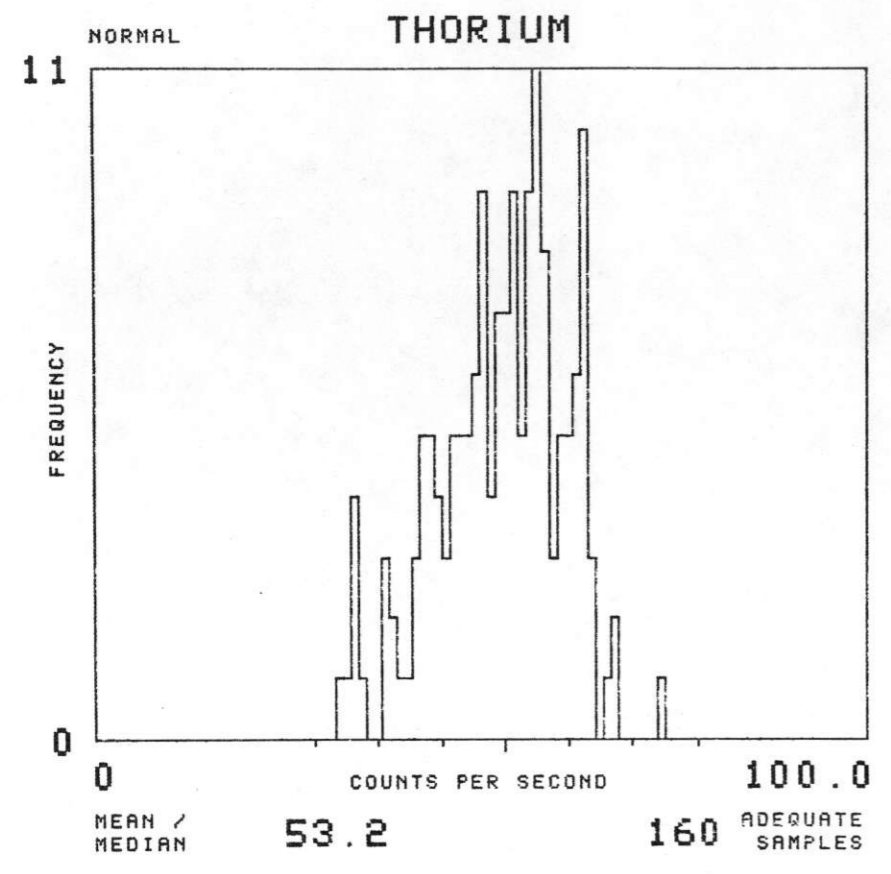
1977



NTMS NK 14-12 LINCOLN

SOIL GROUP : KPWK TOTAL NUMBER OF SAMPLES 160

EAST SALINA BASIN - GEOMETRICS 1977



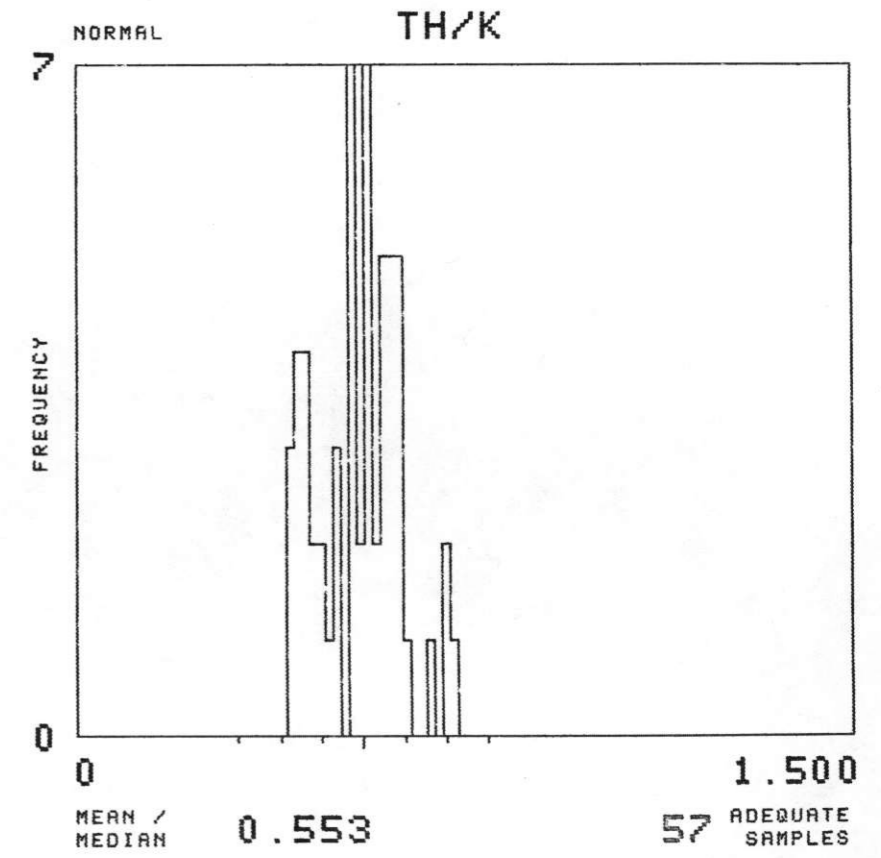
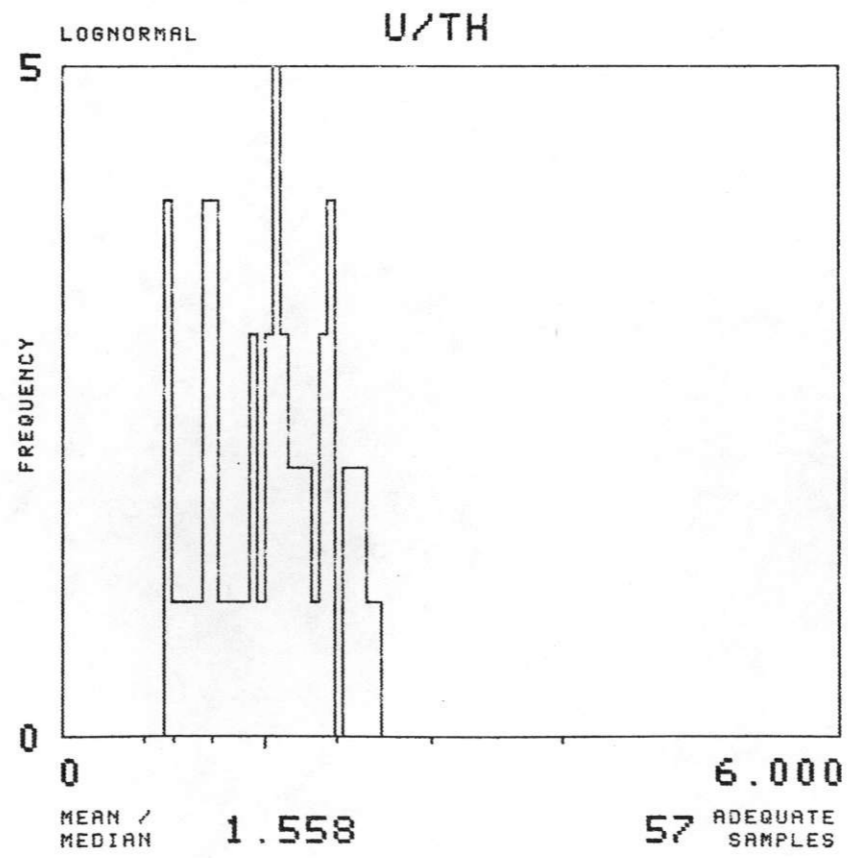
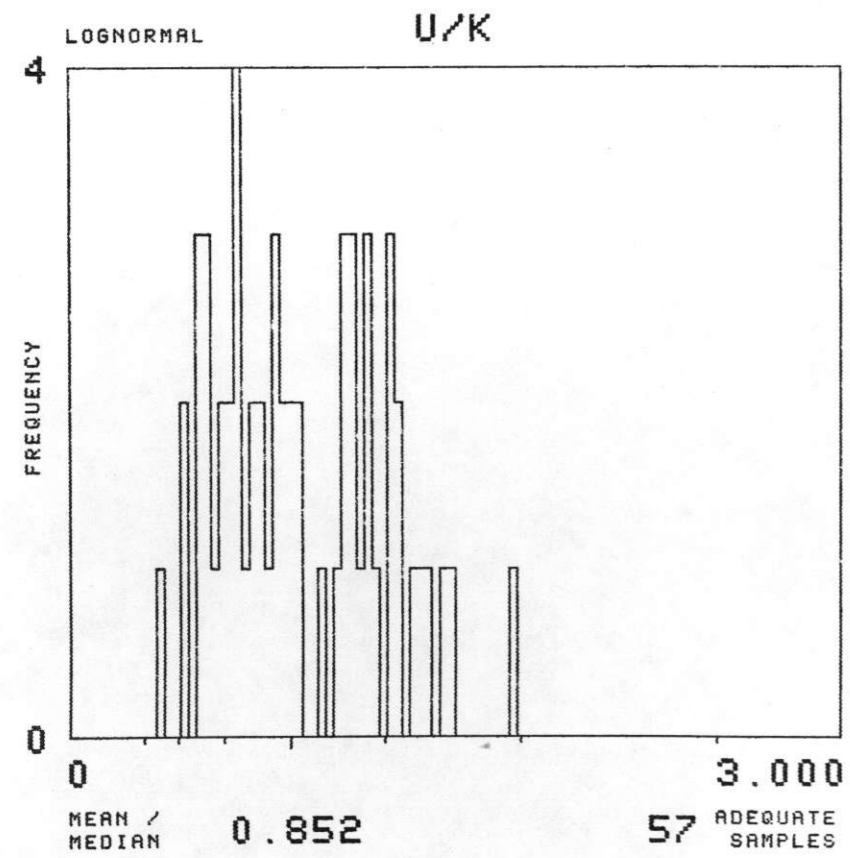
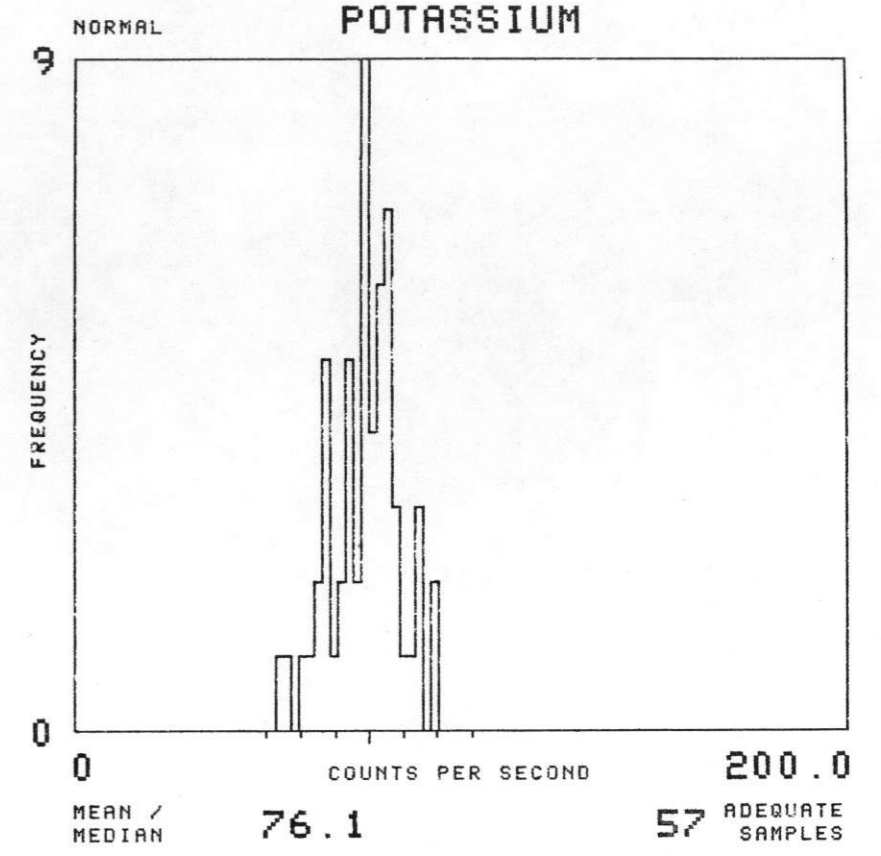
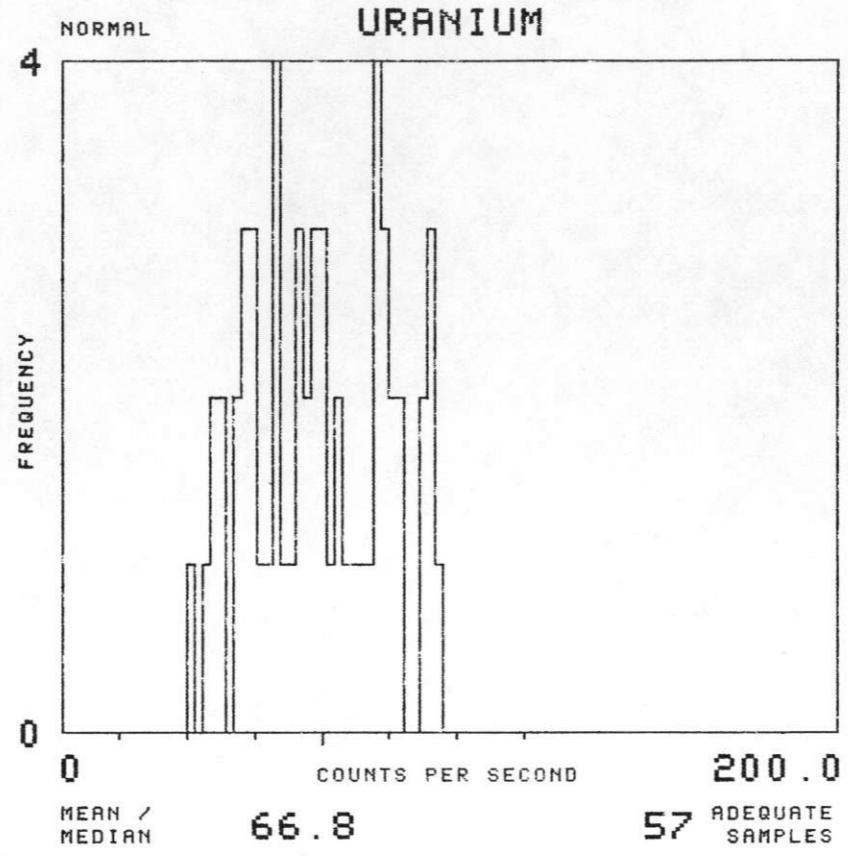
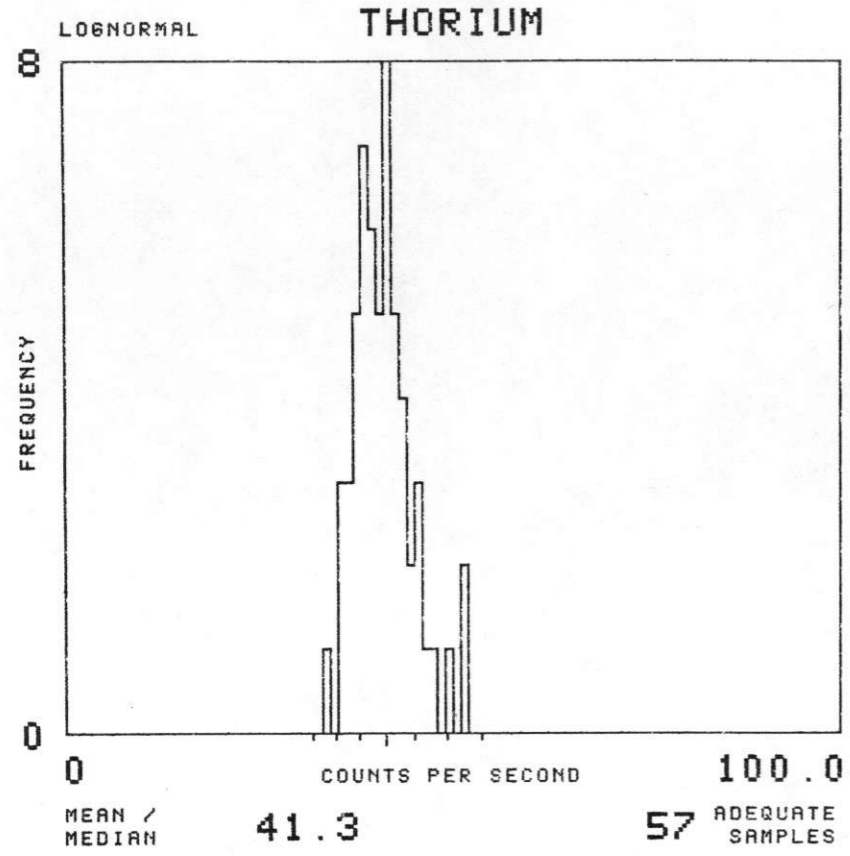
NTMS NK 14-12 LINCOLN

SOIL GROUP : LC

TOTAL NUMBER OF SAMPLES

57

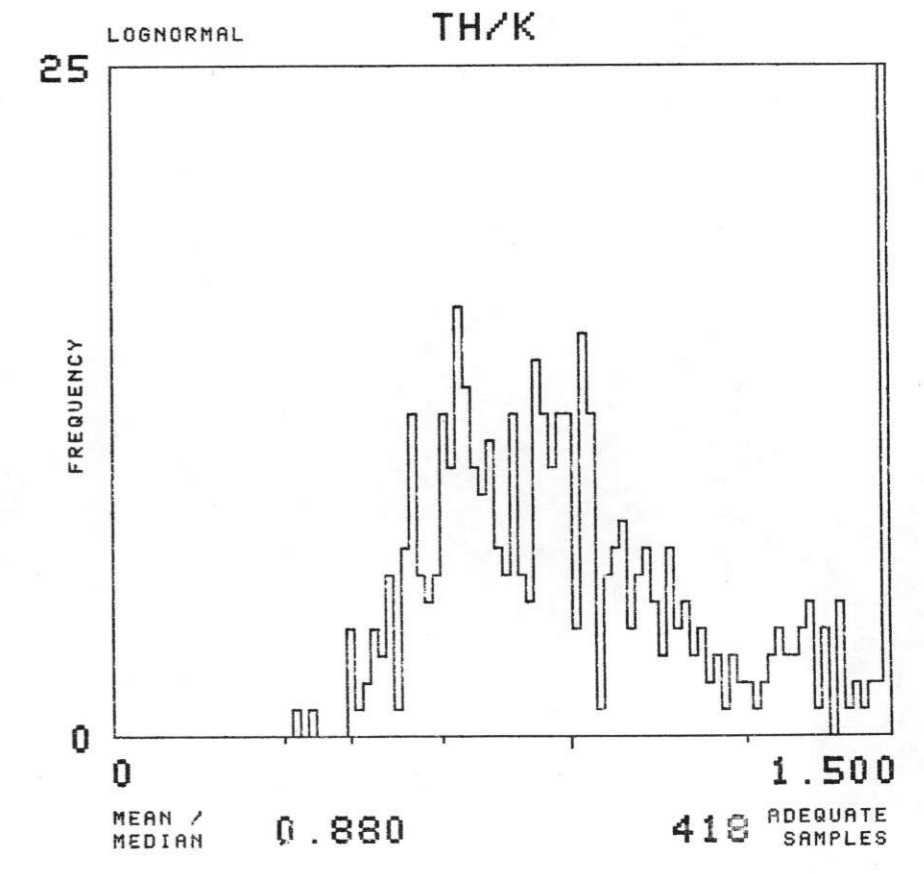
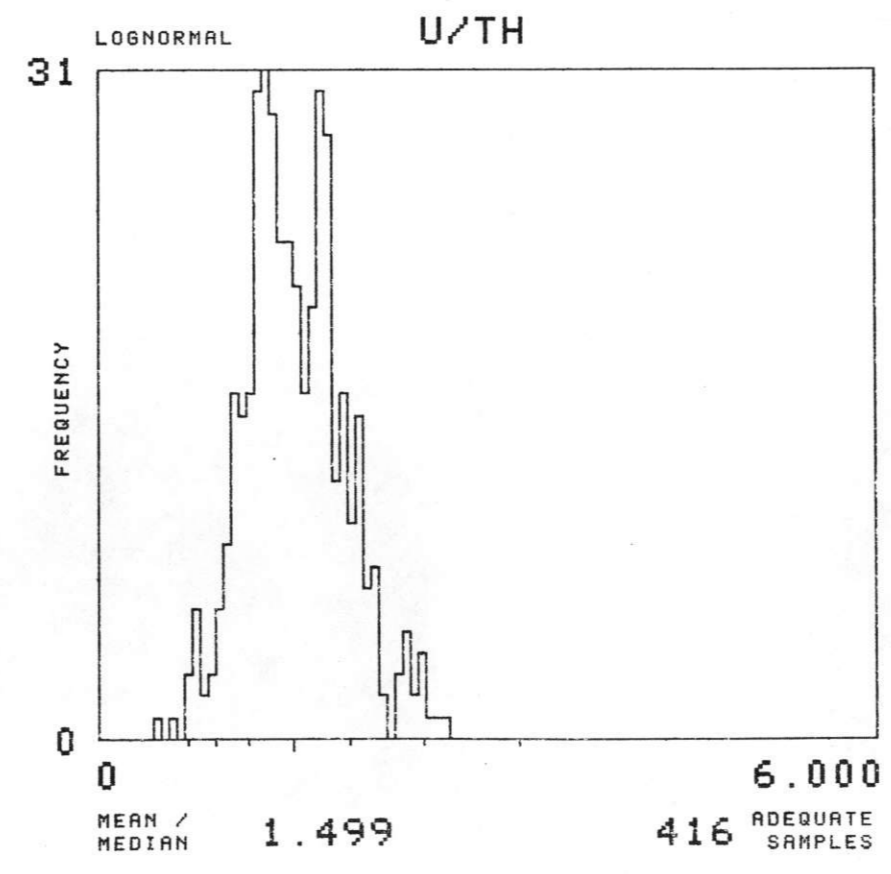
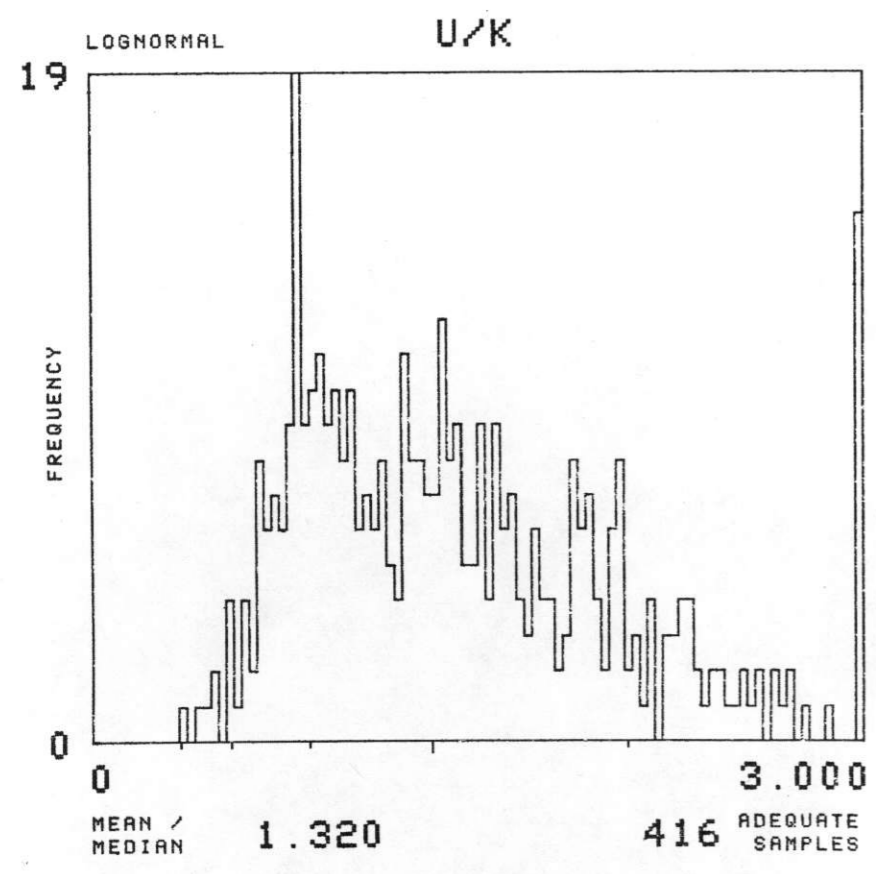
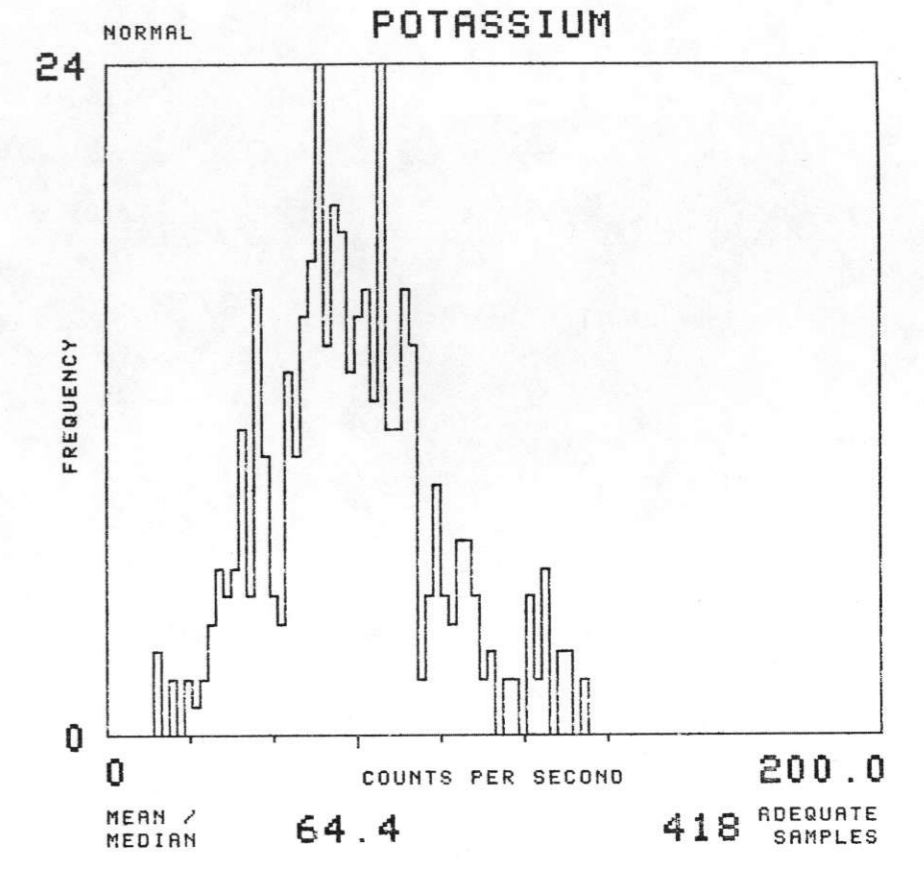
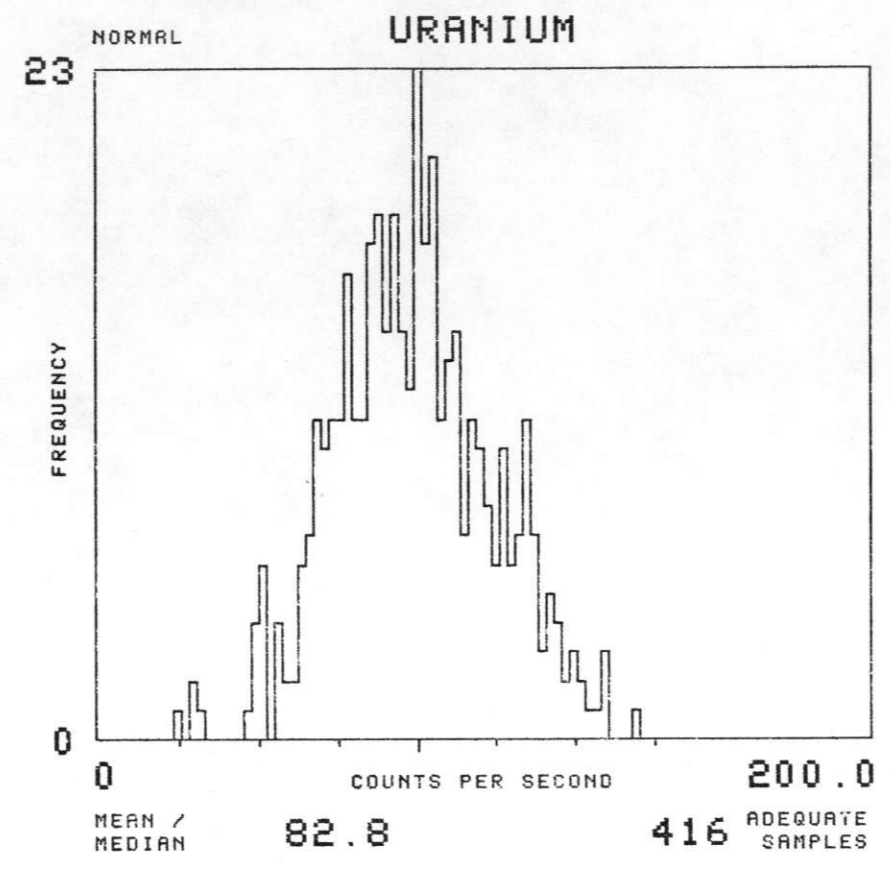
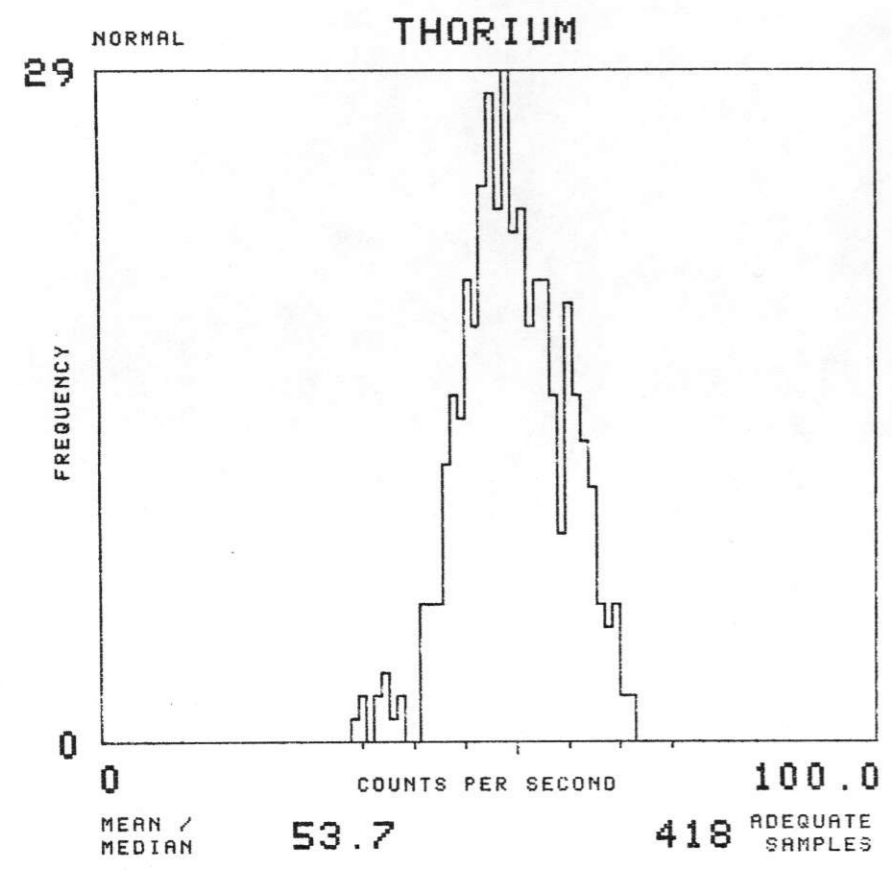
EAST SALINA BASIN - GEOMETRICS 1977



NTMS NK 14-12 LINCOLN

SOIL GROUP : LCHV TOTAL NUMBER OF SAMPLES 418

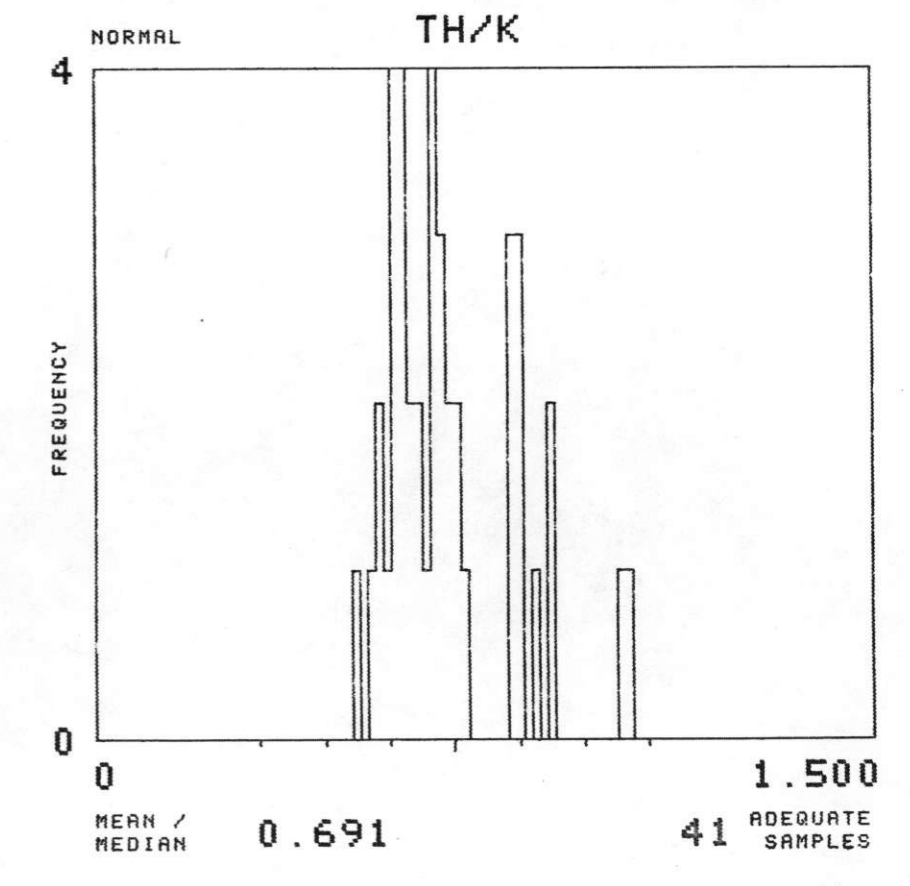
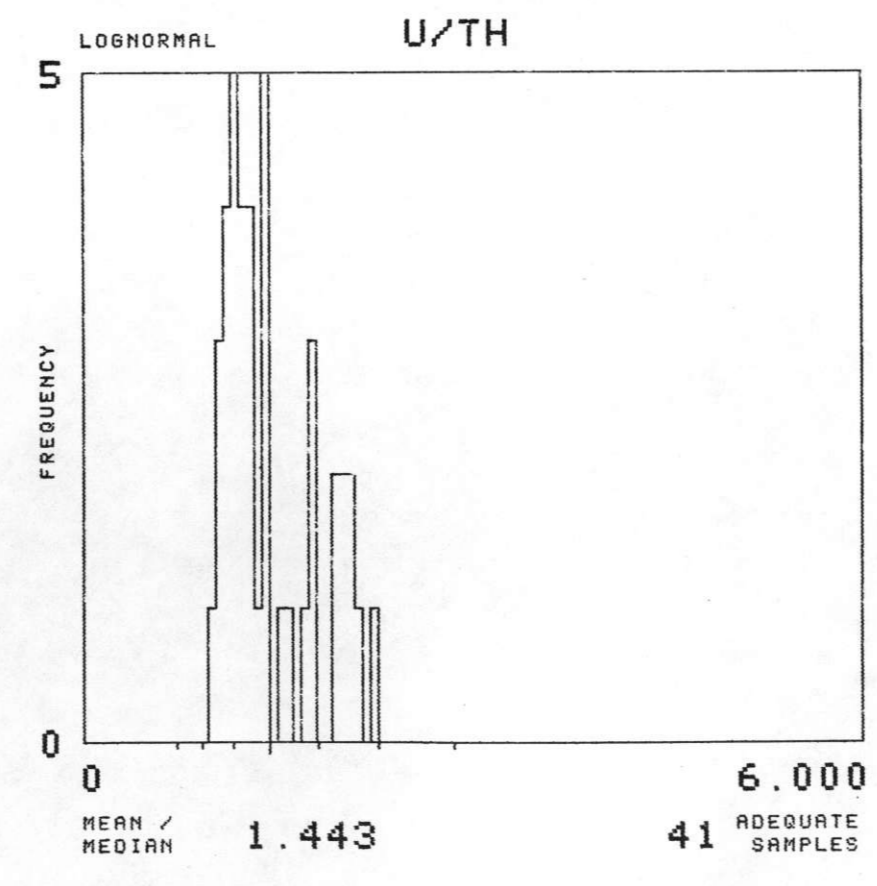
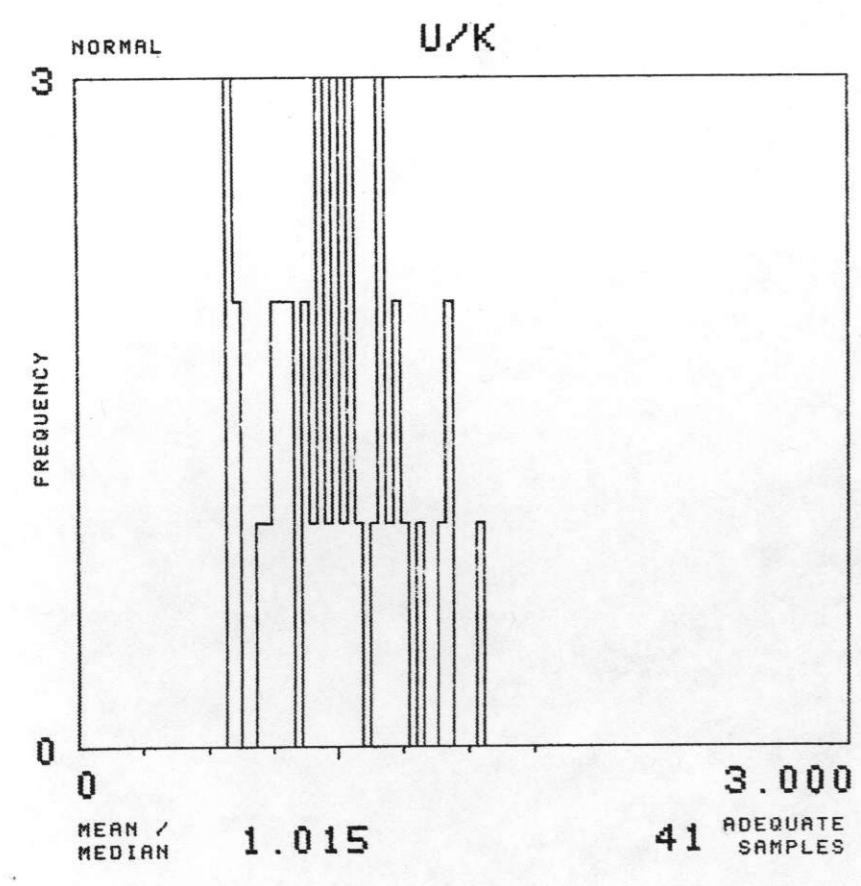
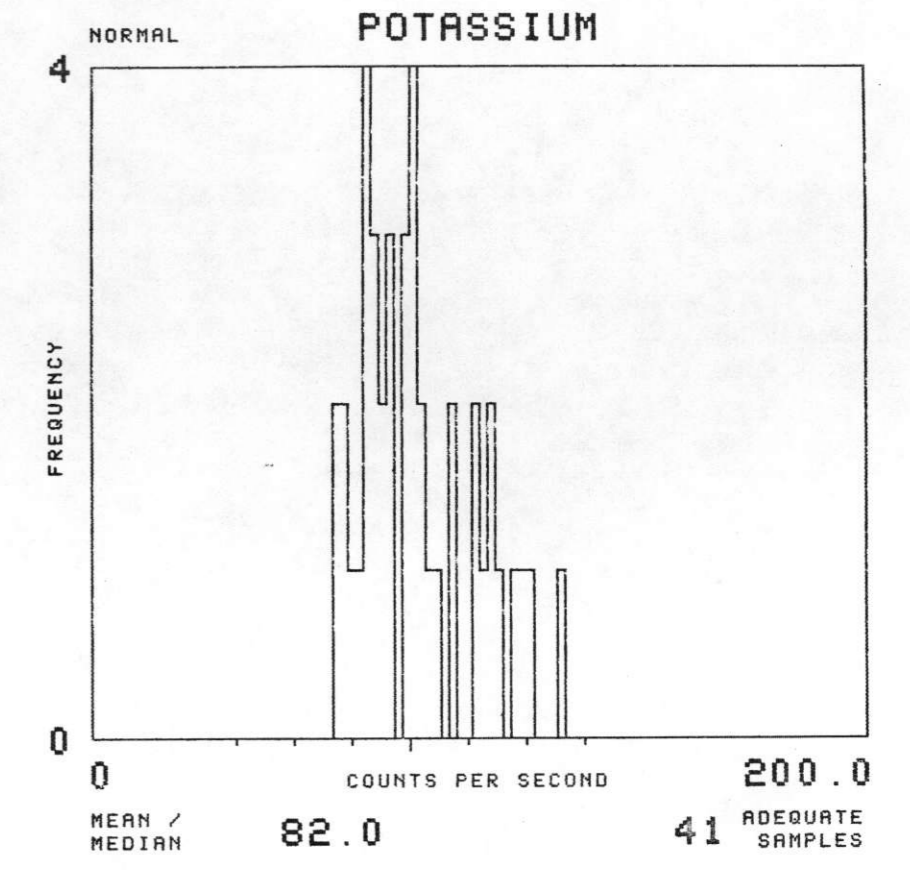
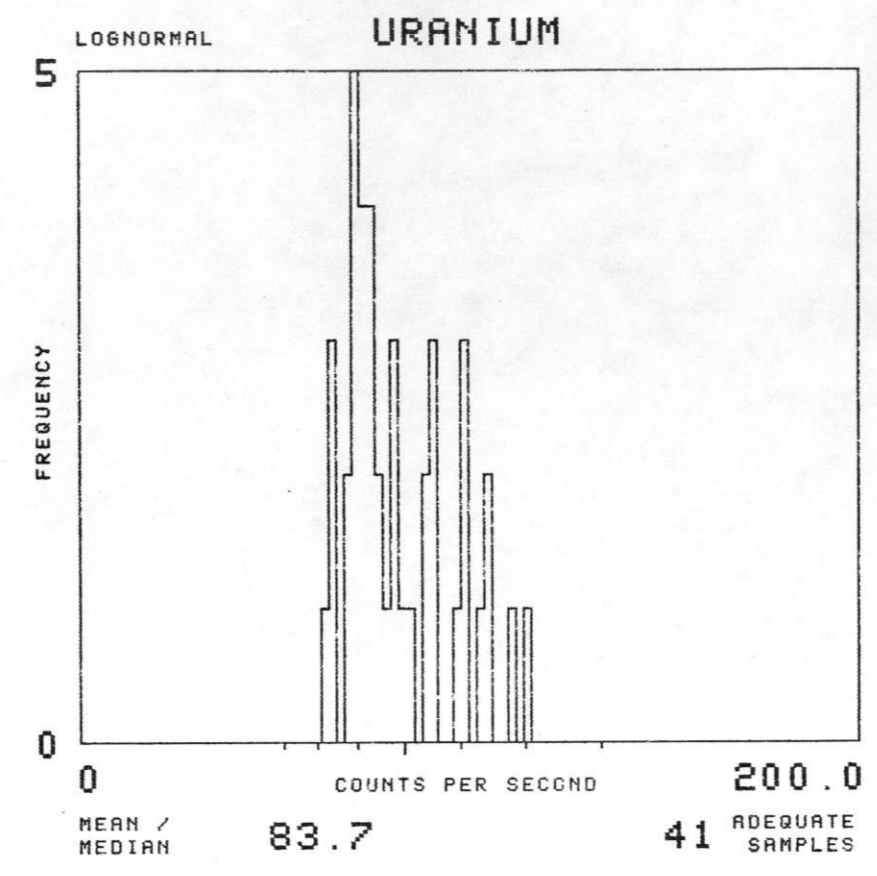
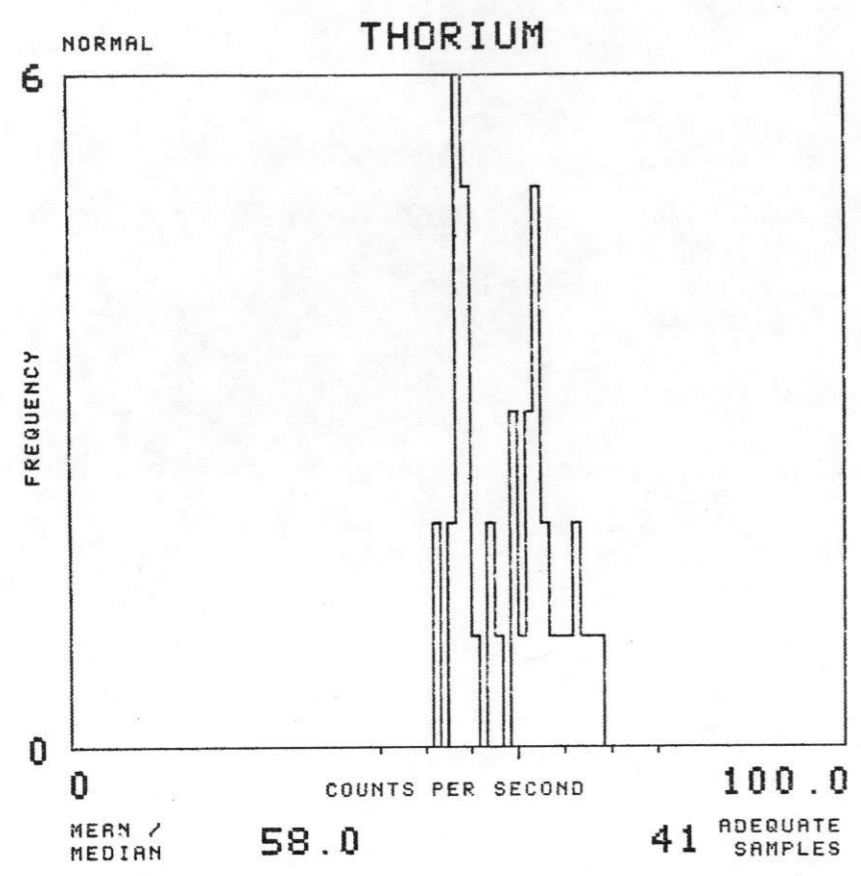
EAST SALINA BASIN - GEOMETRICS 1977



NTMS NK 14-12 LINCOLN

SOIL GROUP : LCSG TOTAL NUMBER OF SAMPLES 41

EAST SALINA BASIN - GEOMETRICS 1977

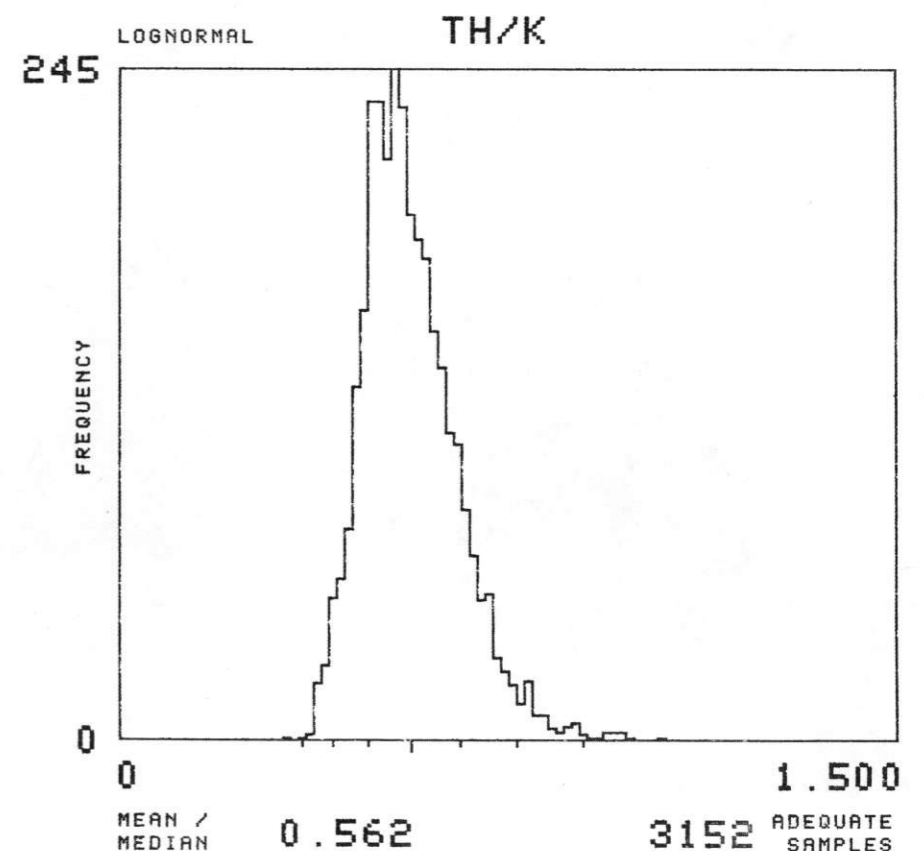
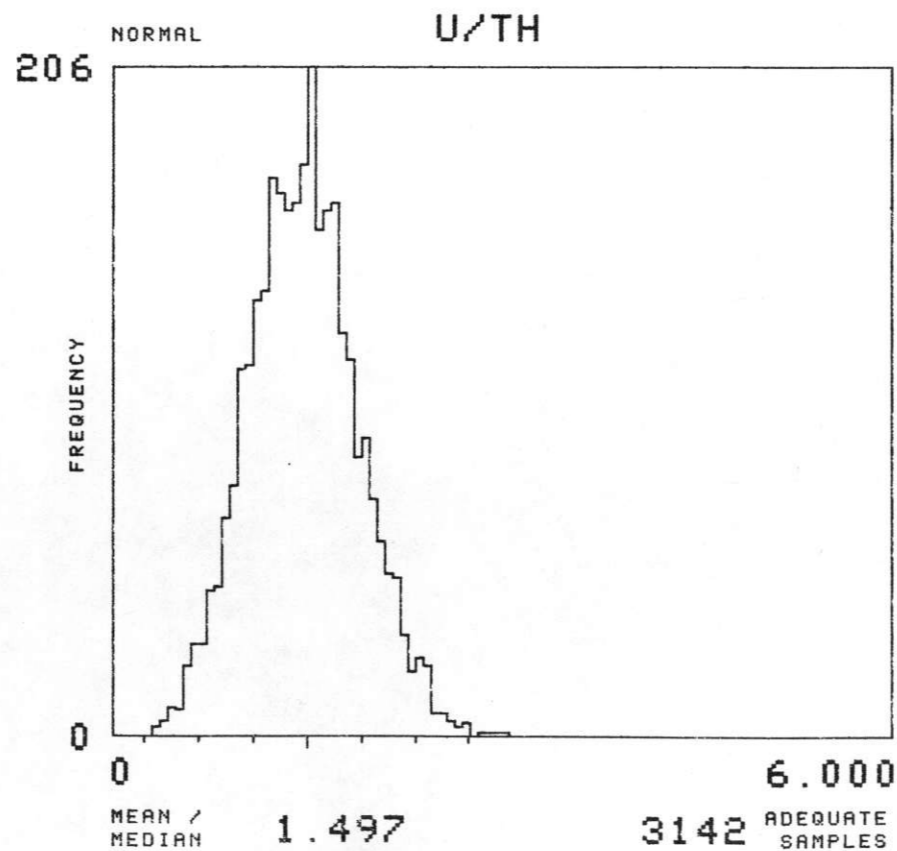
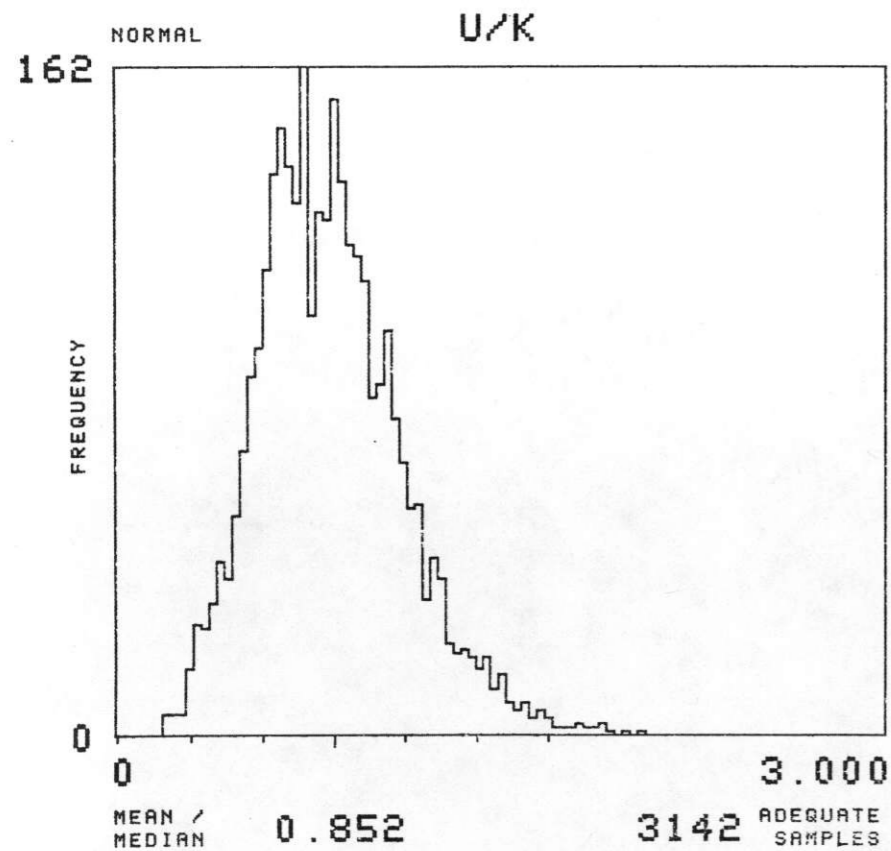
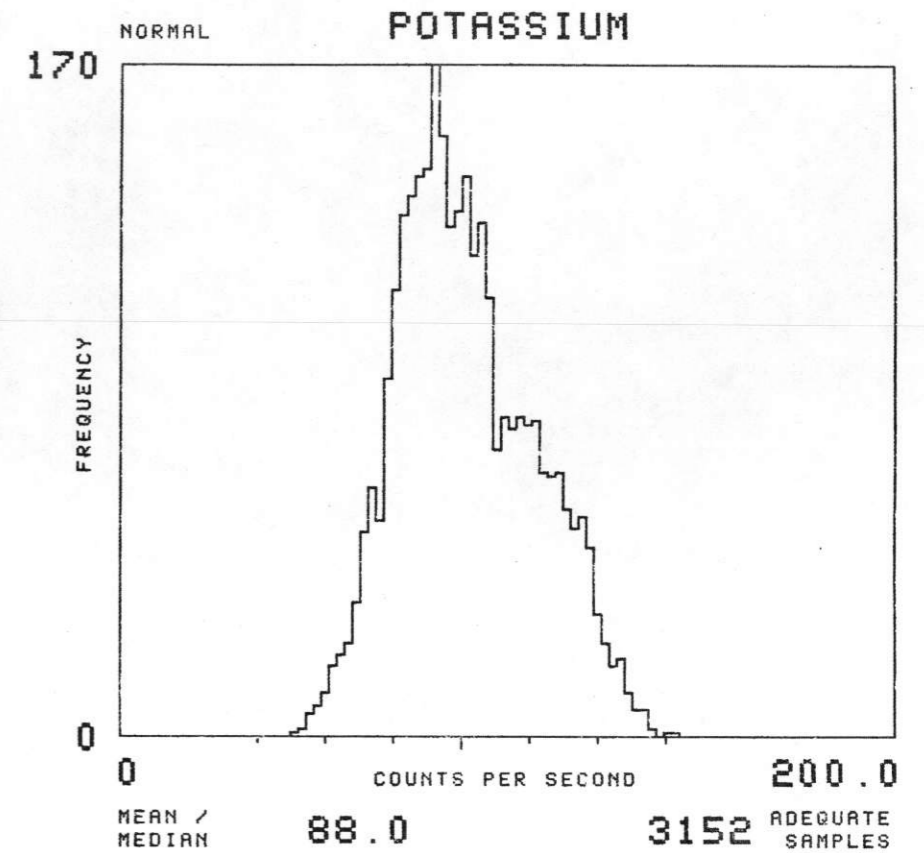
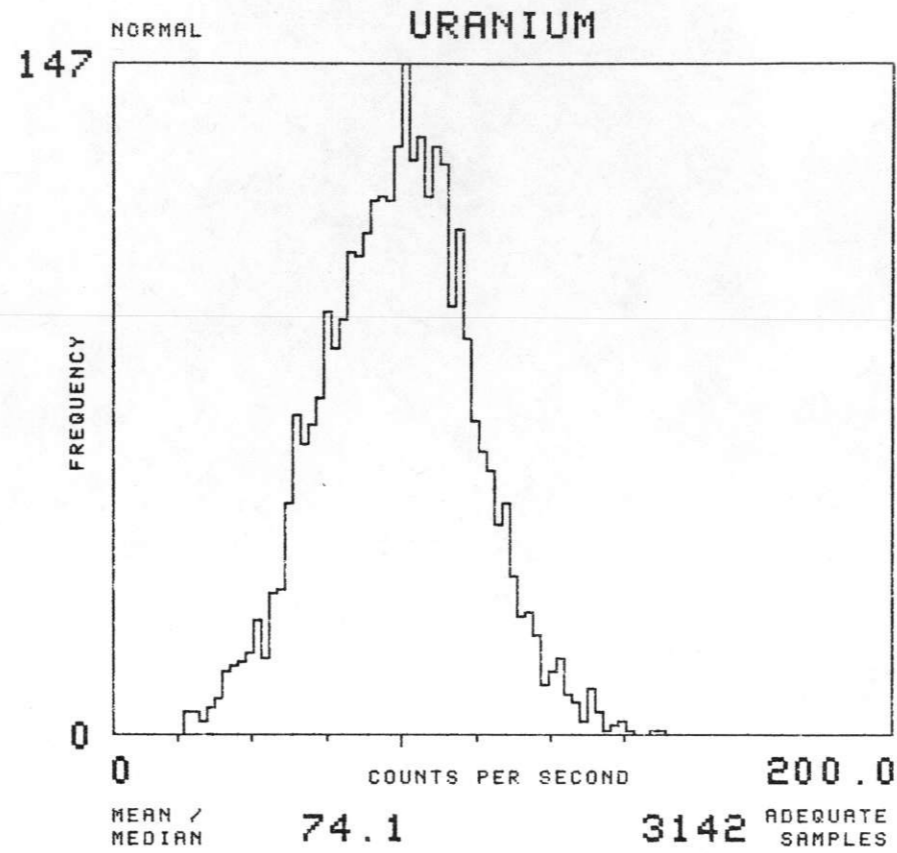
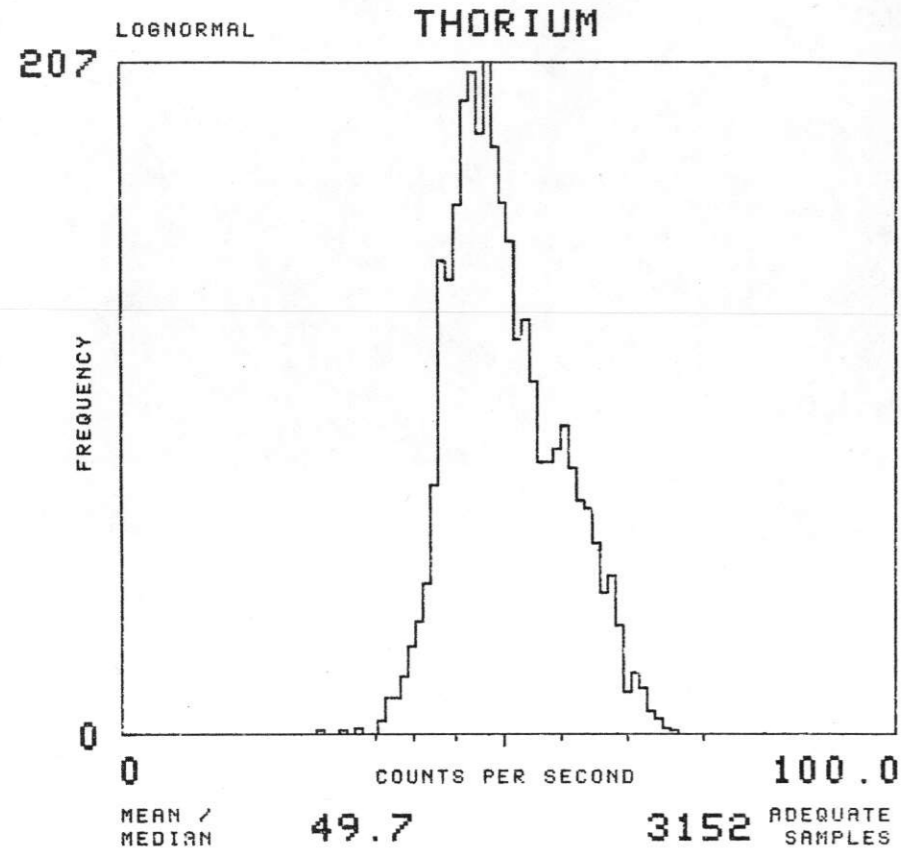


NTMS NK 14-12 LINCOLN

SOIL GROUP : M

TOTAL NUMBER OF SAMPLES 3152

EAST SALINA BASIN - GEOMETRICS 1977



NTMS NK 14-12 LINCOLN

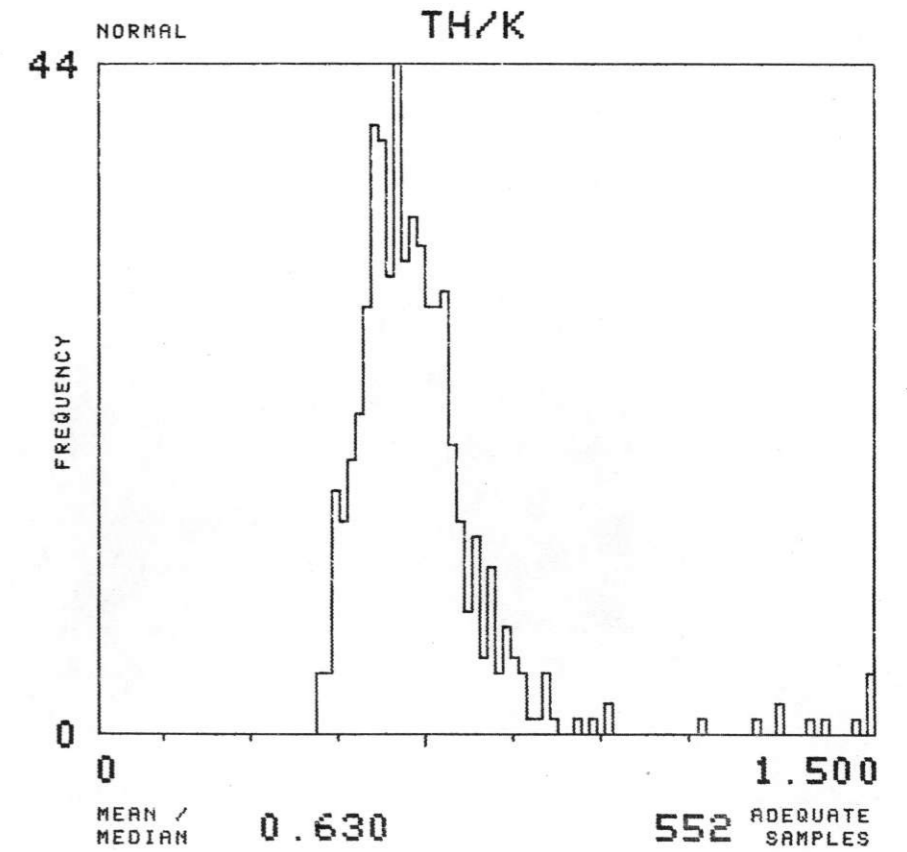
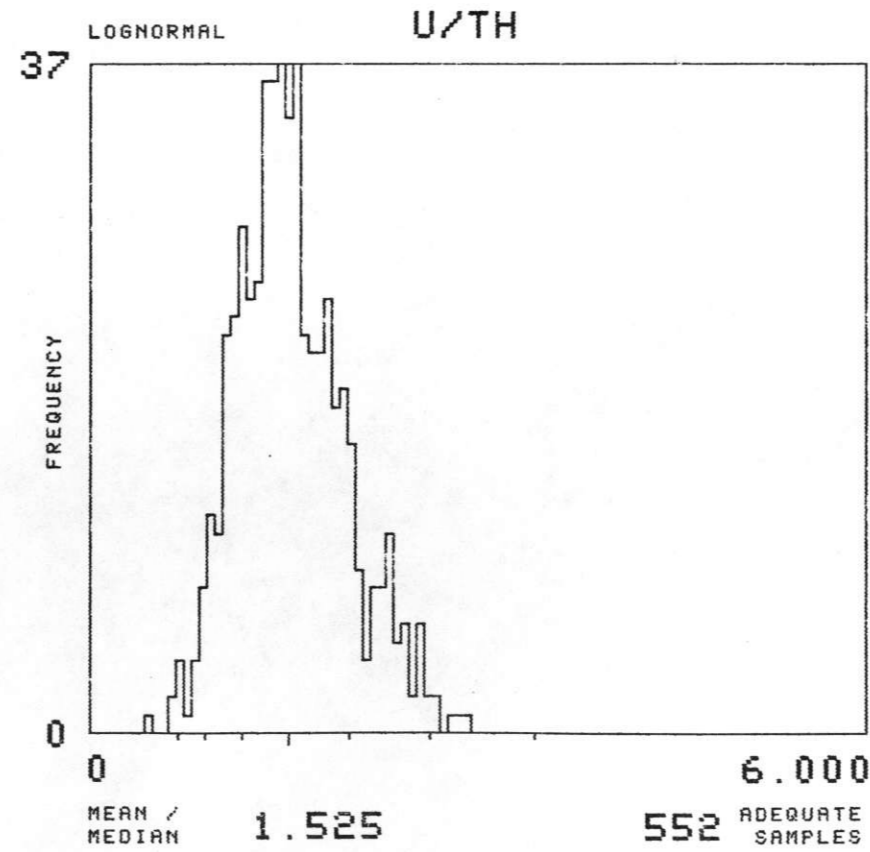
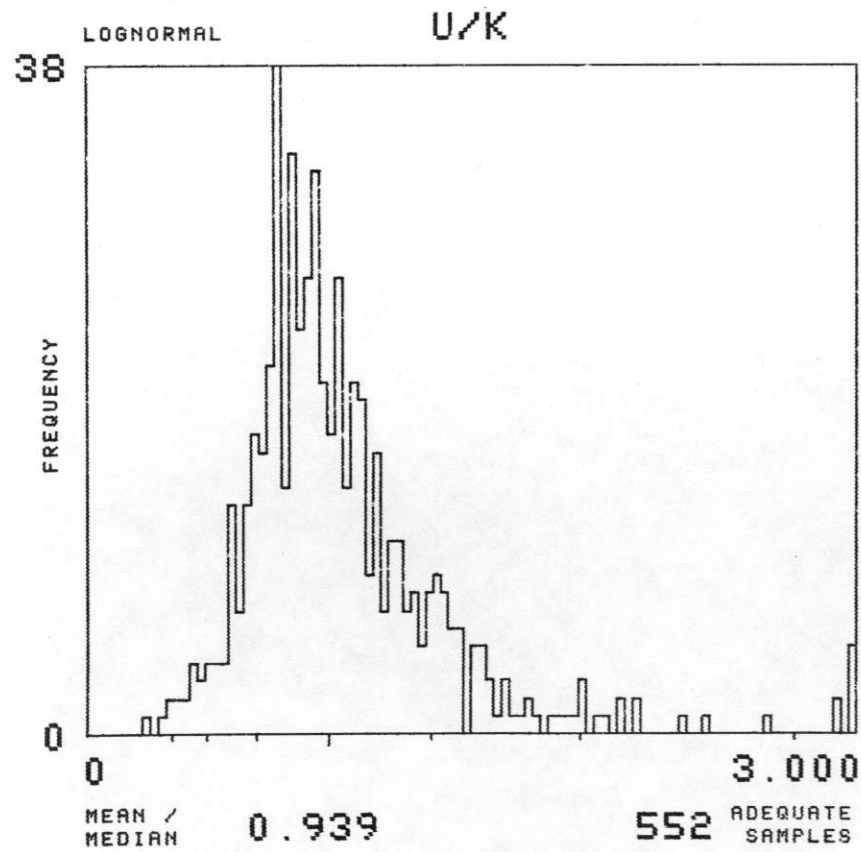
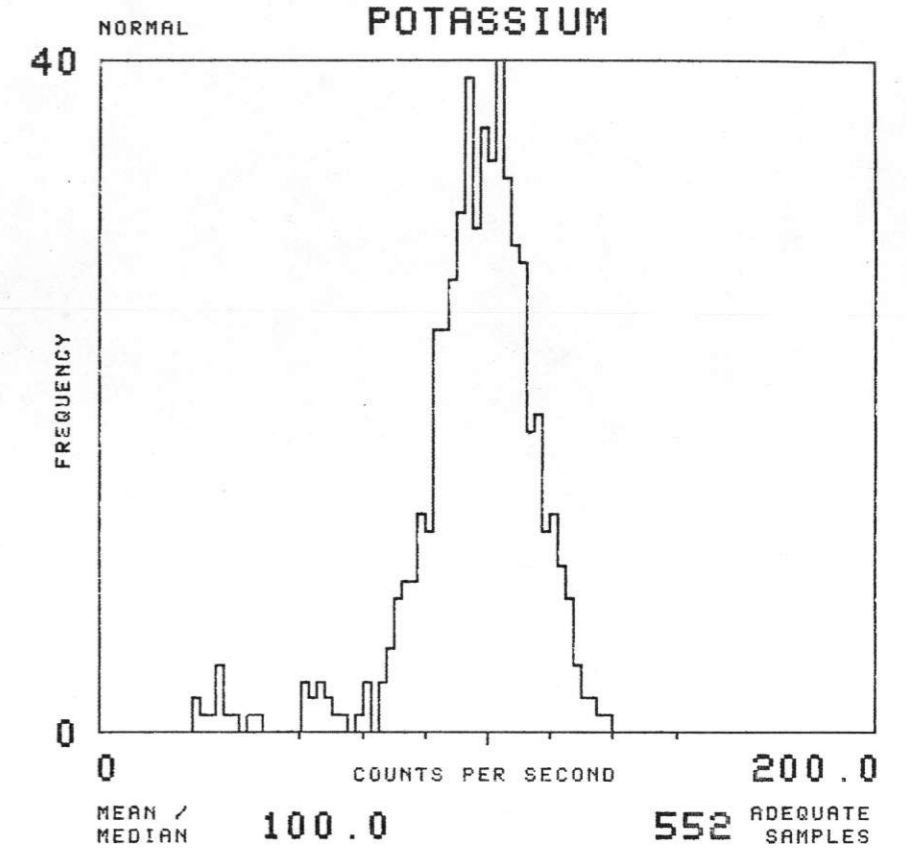
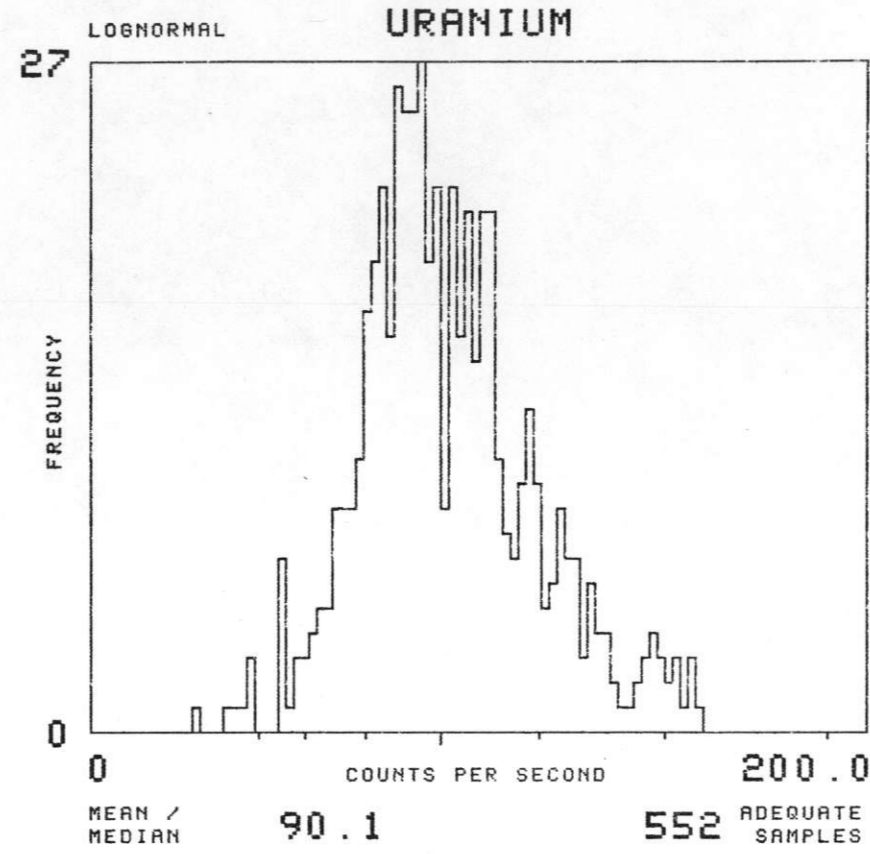
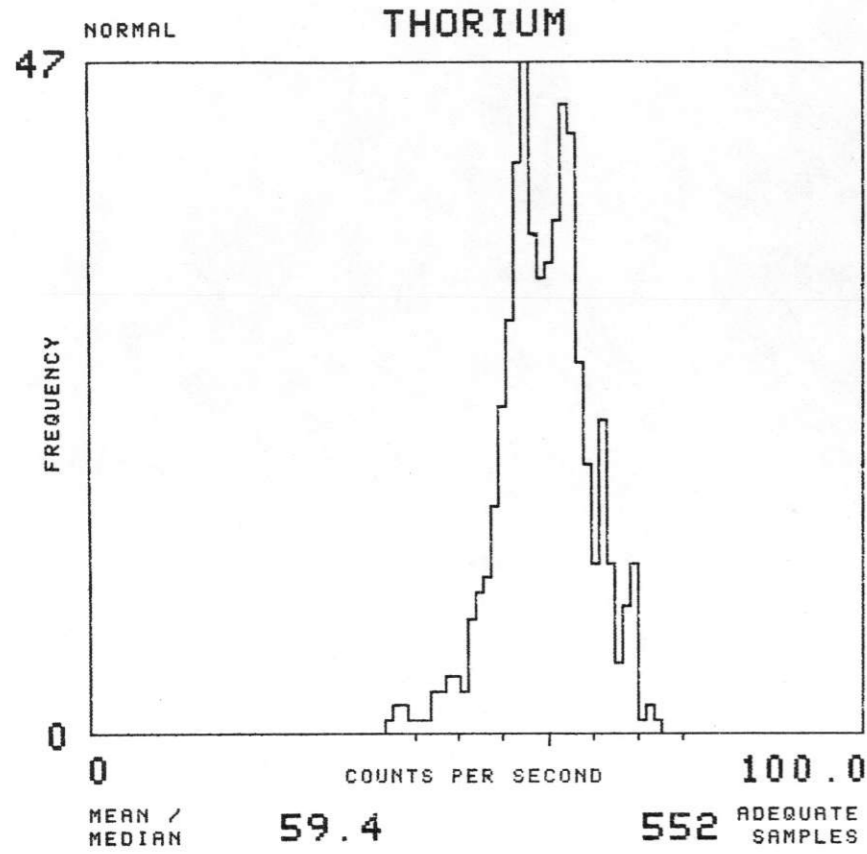
SOIL GROUP : MRB

TOTAL NUMBER OF SAMPLES

552

EAST SALINA BASIN - GEOMETRICS

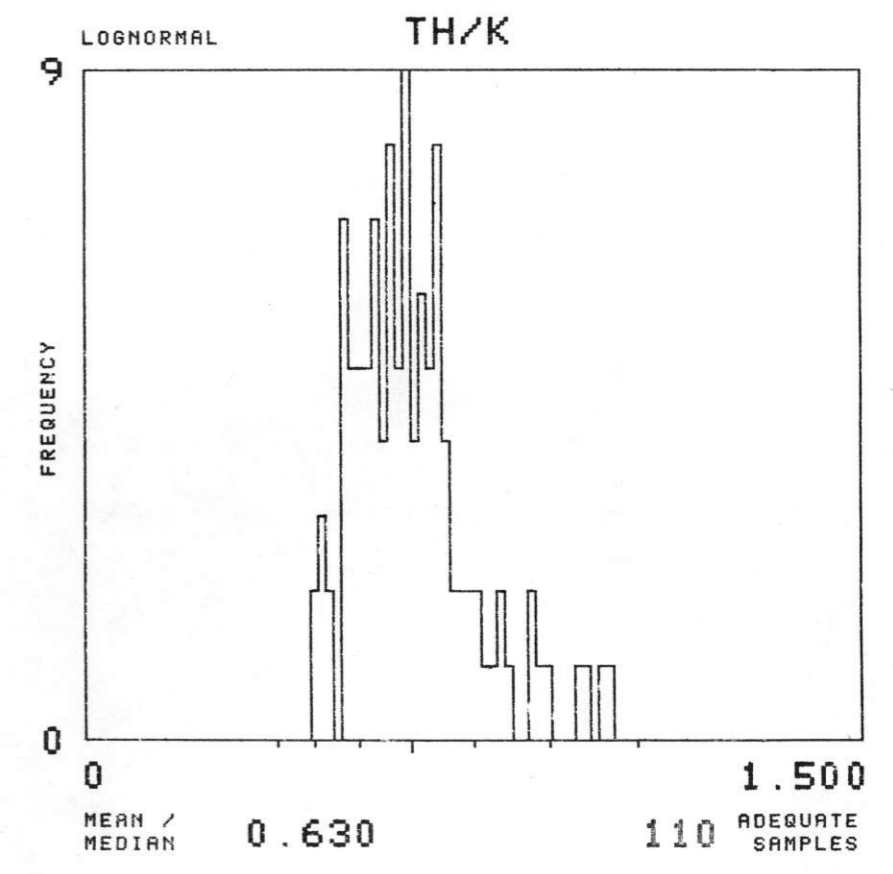
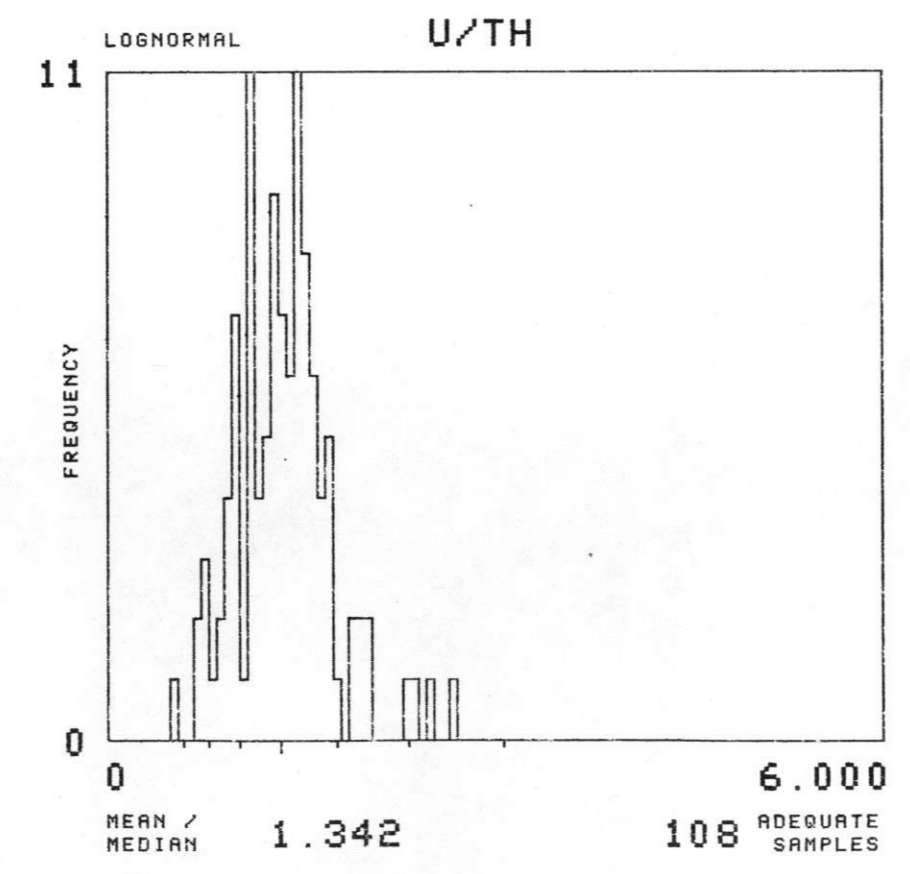
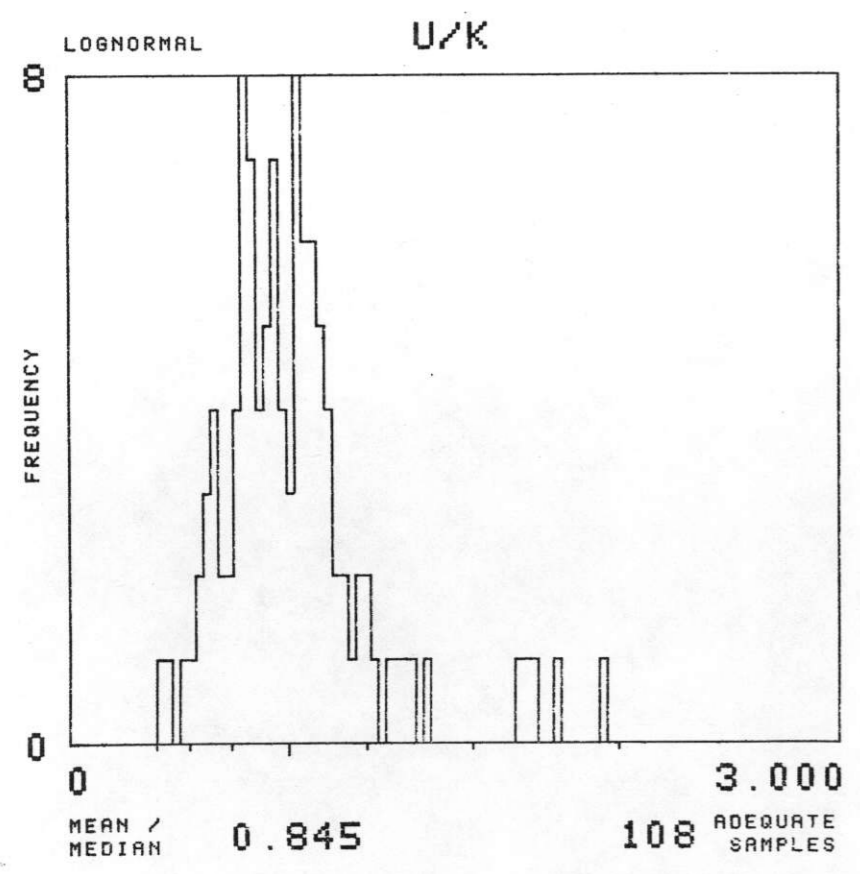
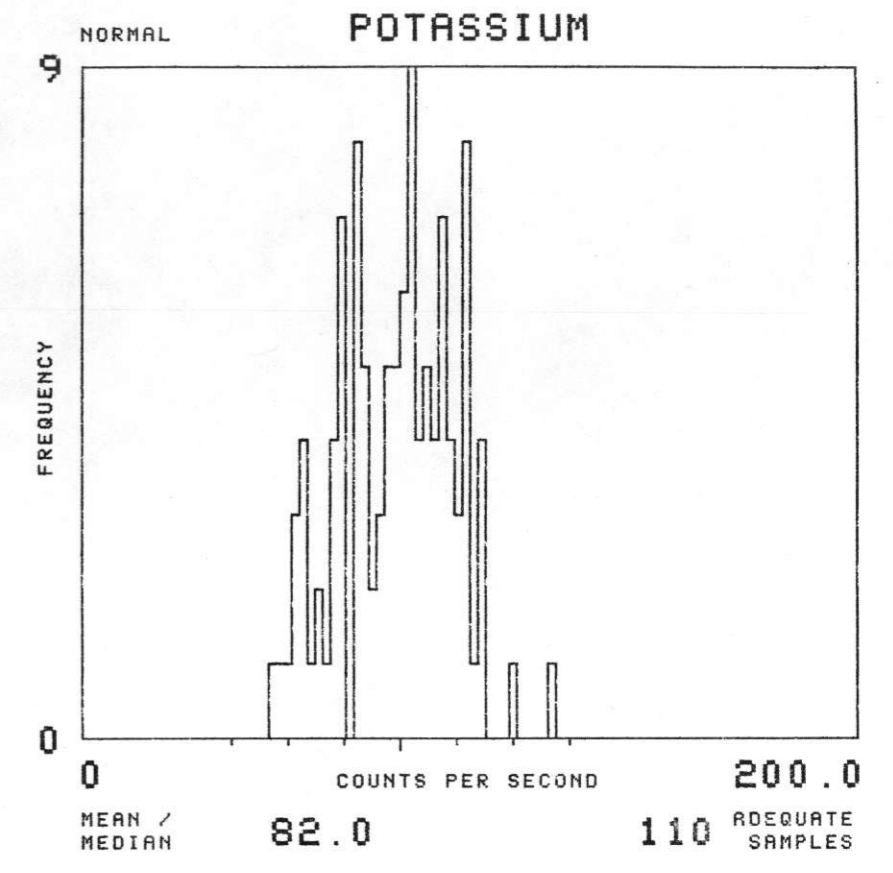
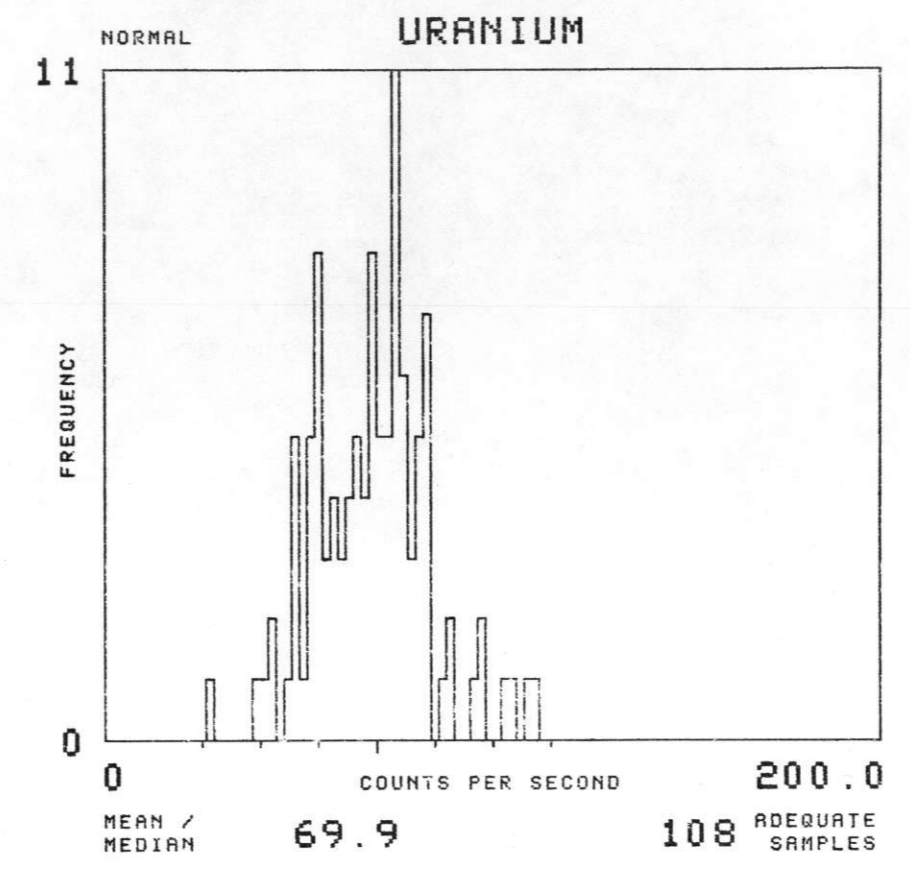
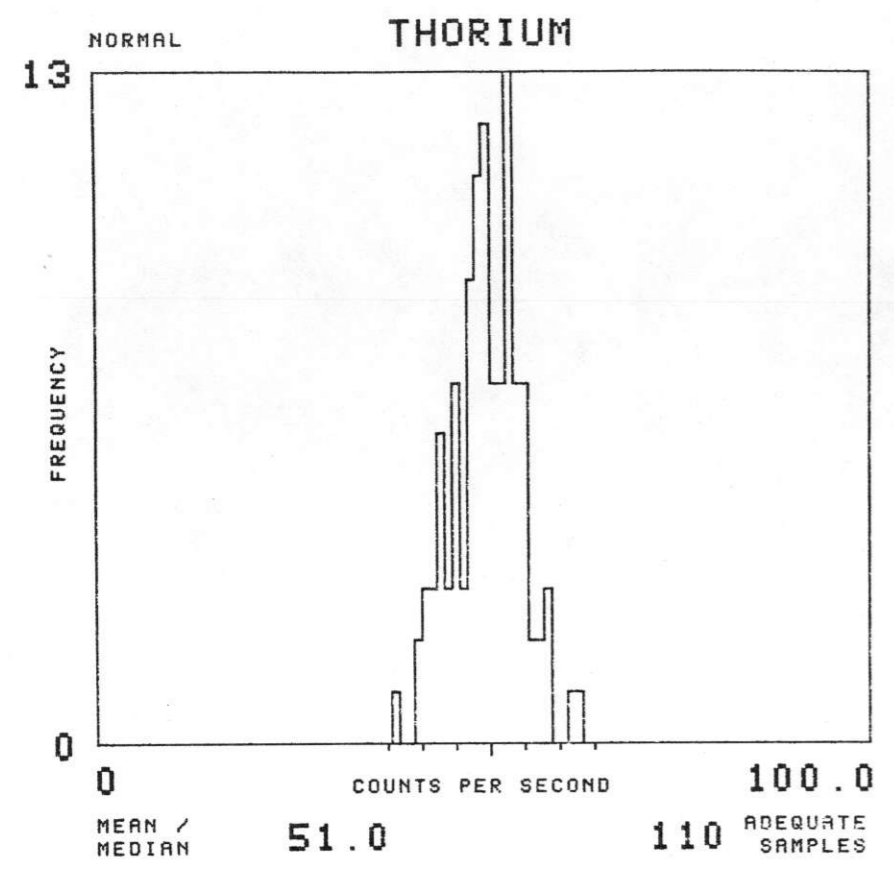
1977



NTMS NK 14-12 LINCOLN

SOIL GROUP : NC TOTAL NUMBER OF SAMPLES 110

EAST SALINA BASIN - GEOMETRICS 1977

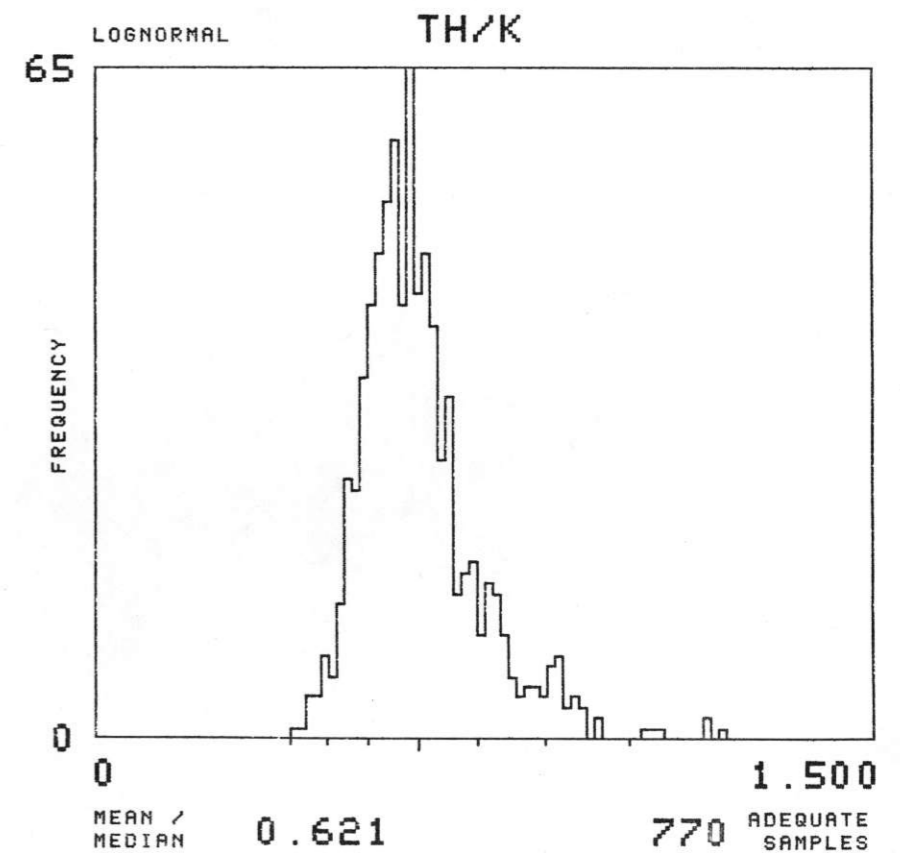
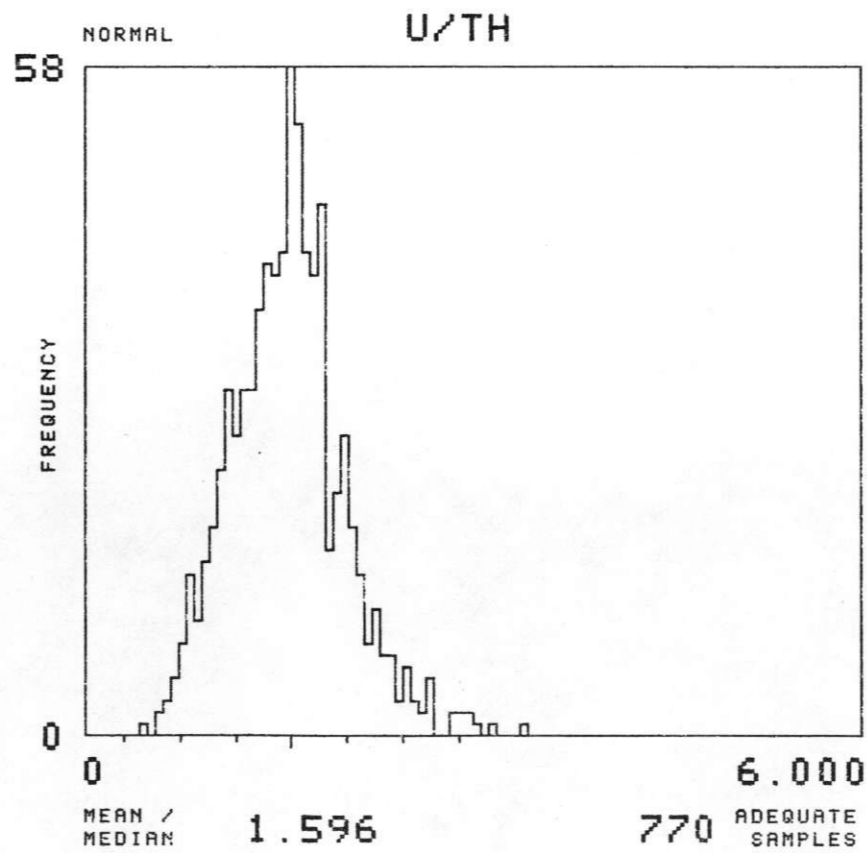
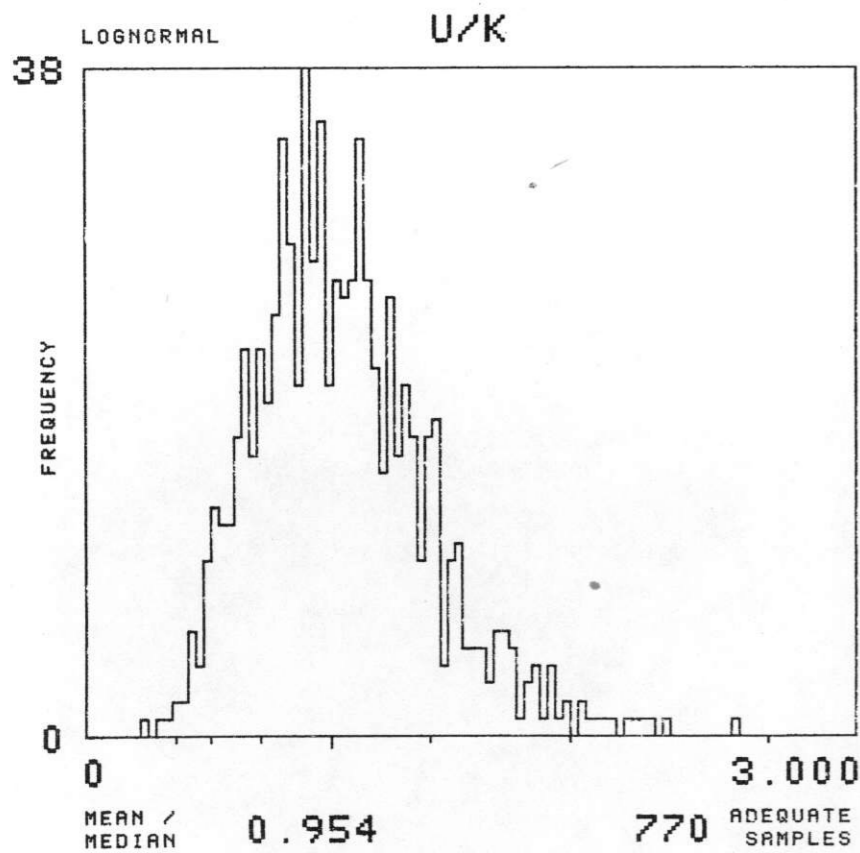
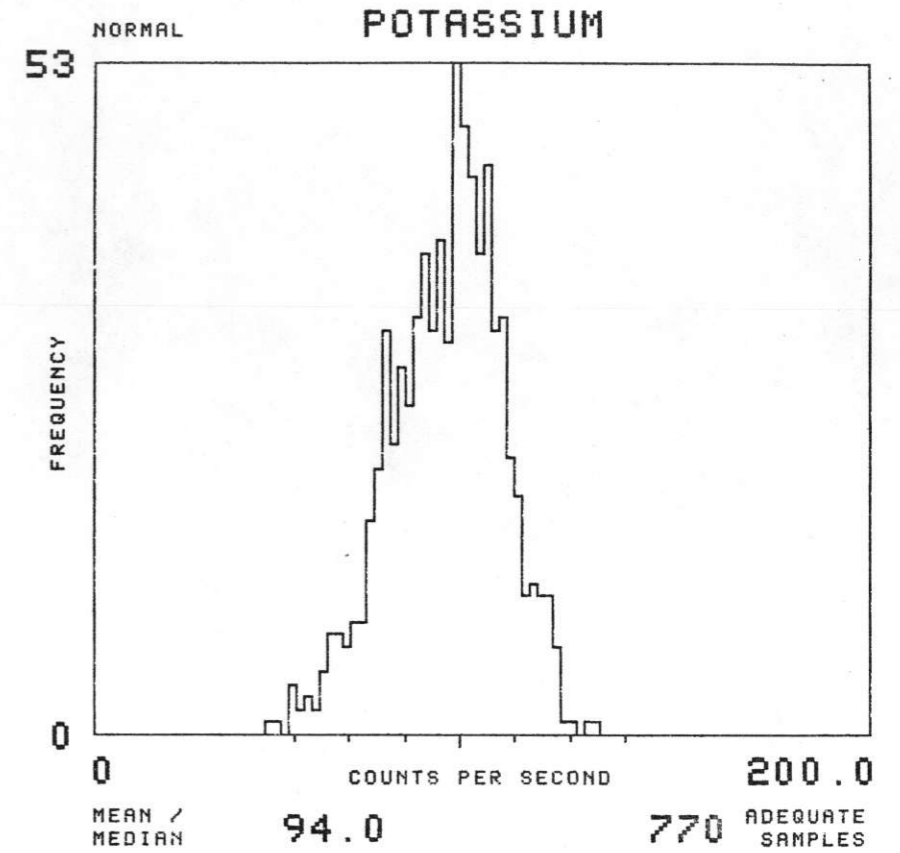
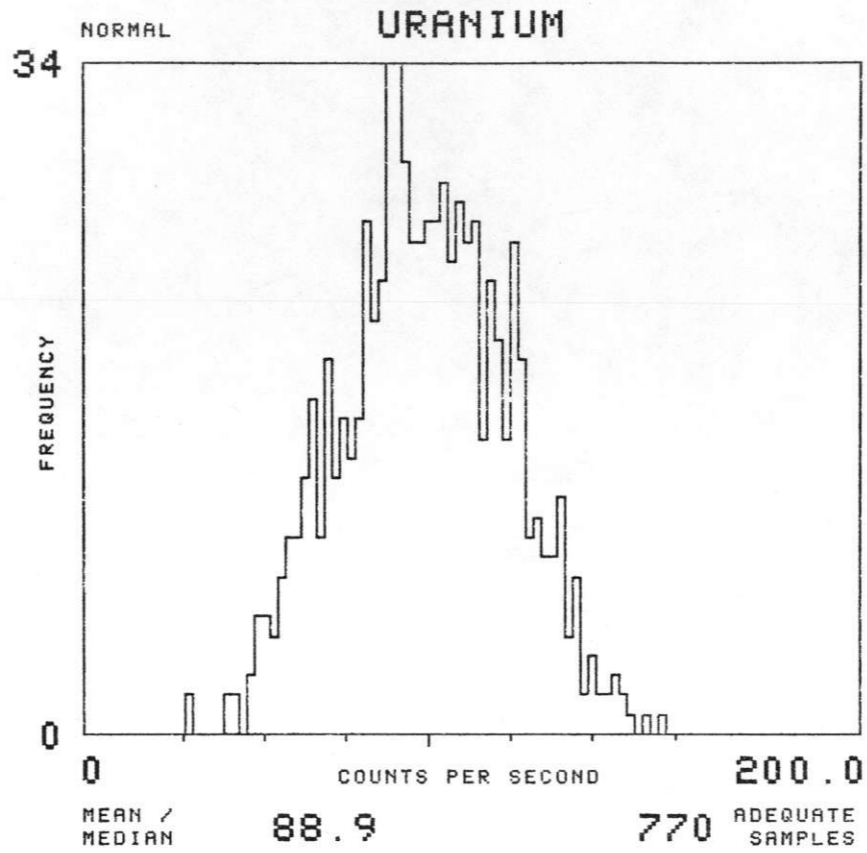
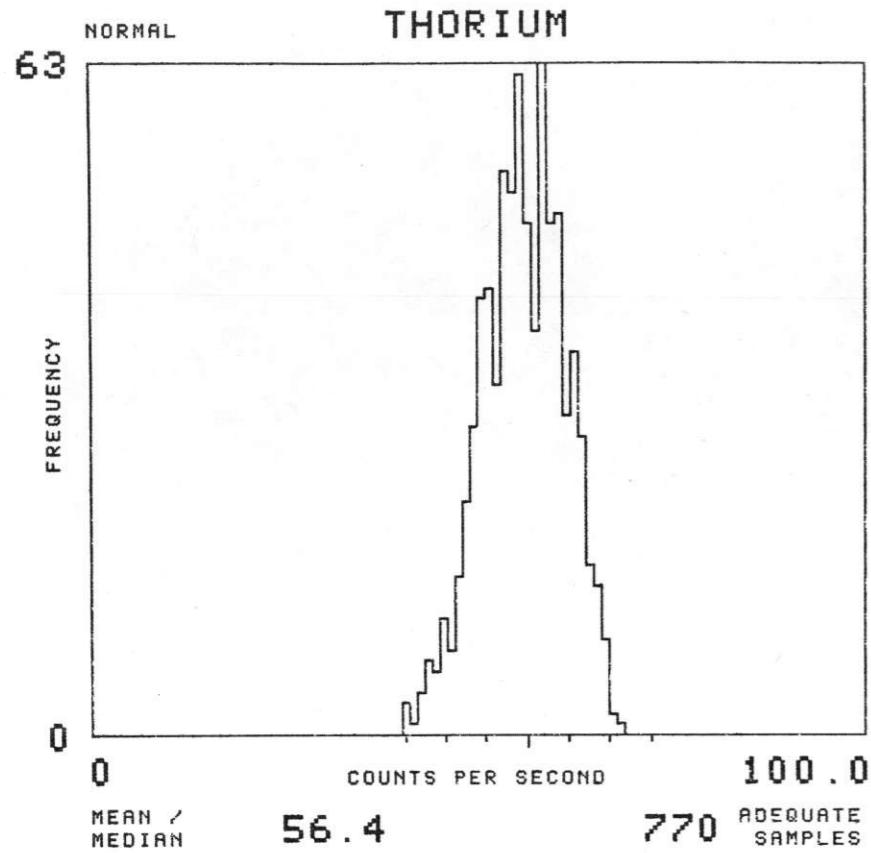


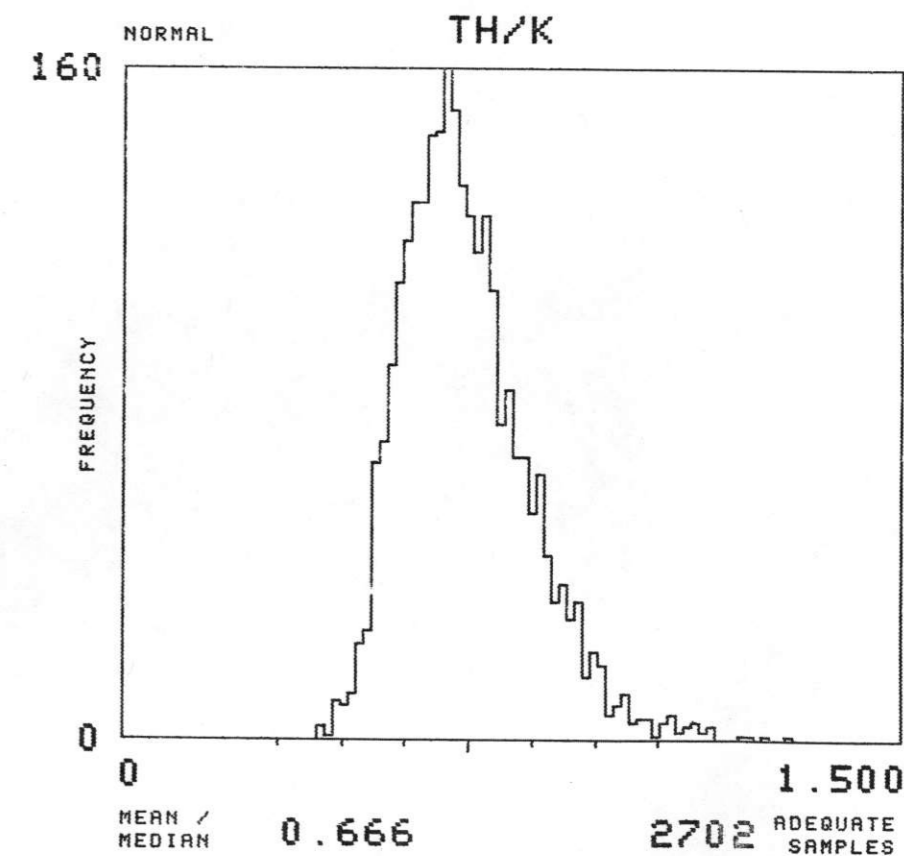
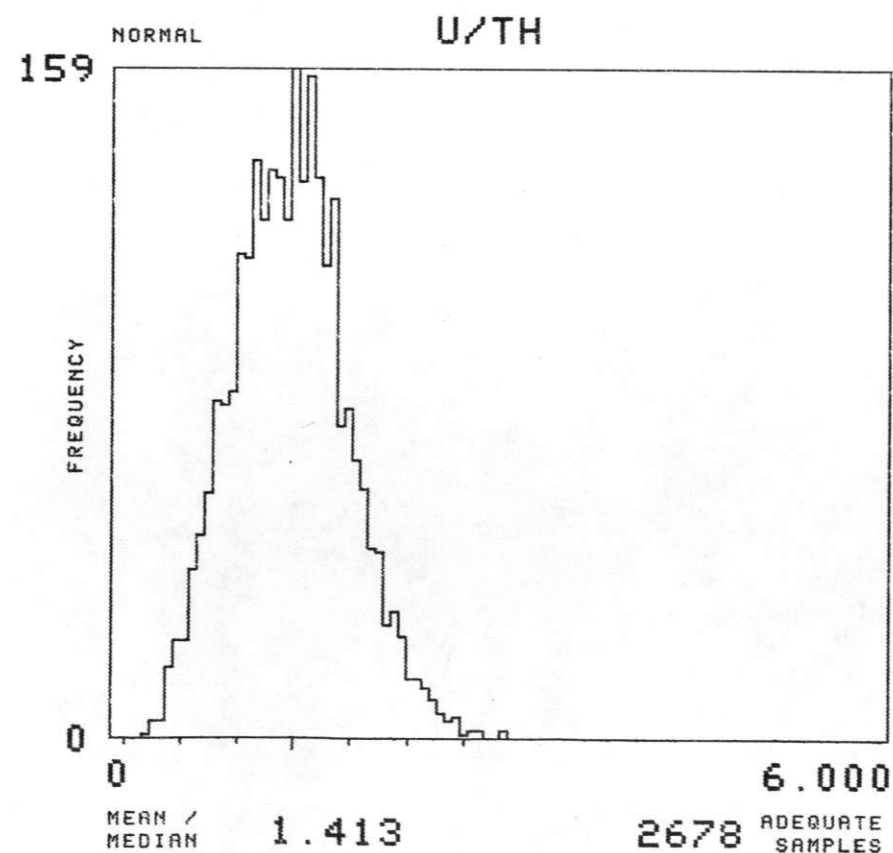
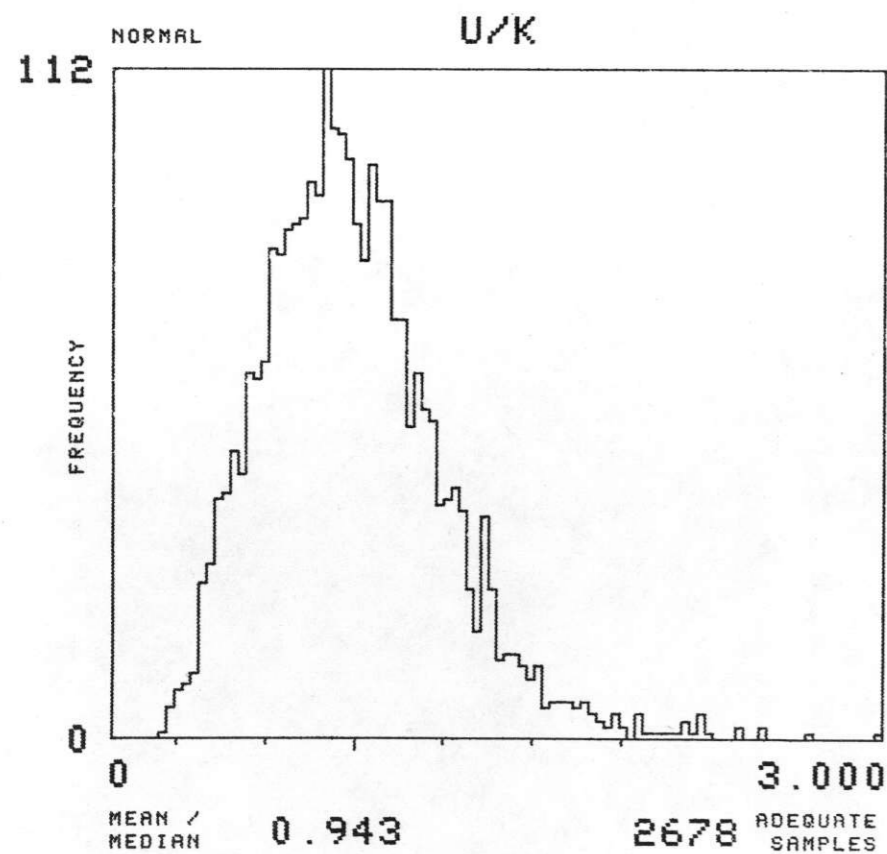
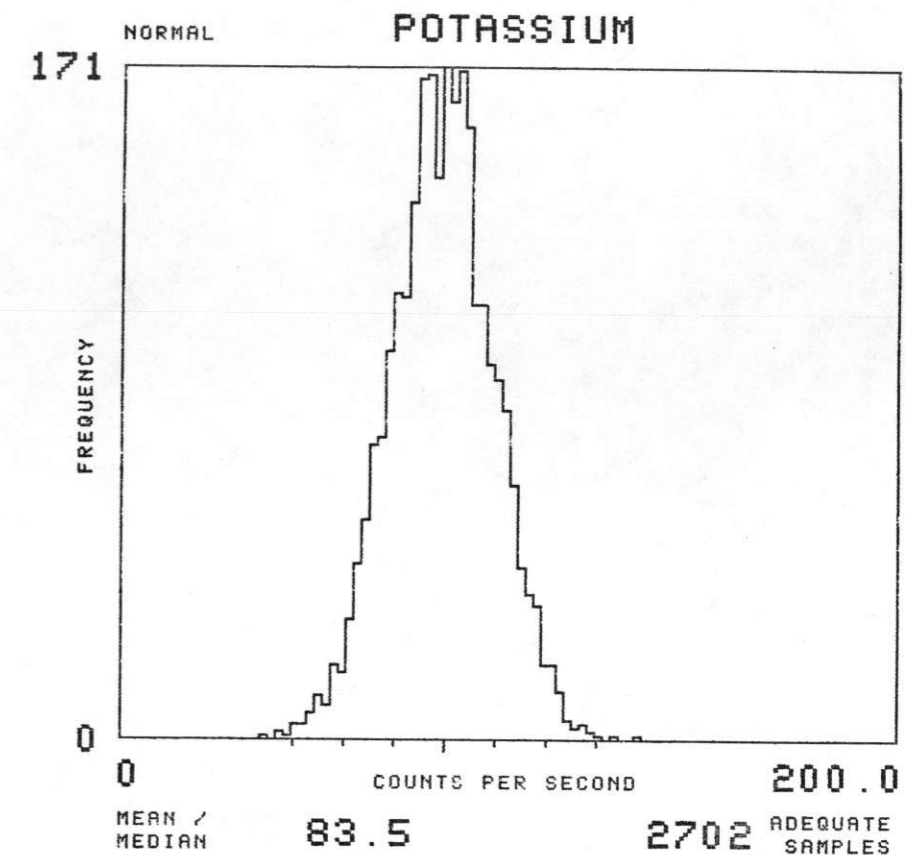
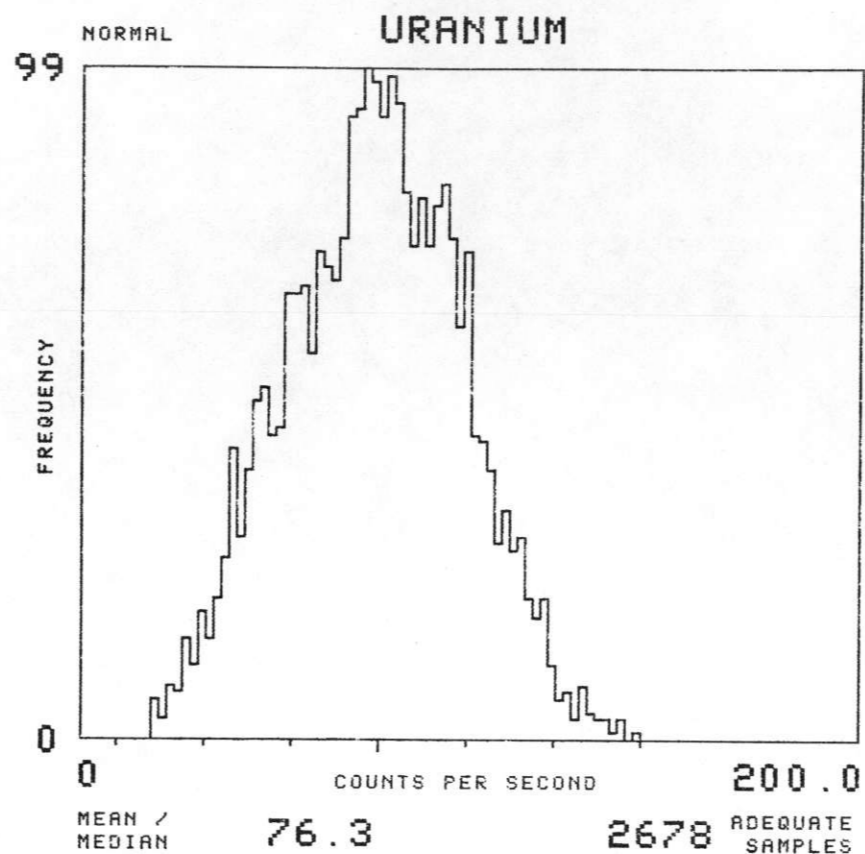
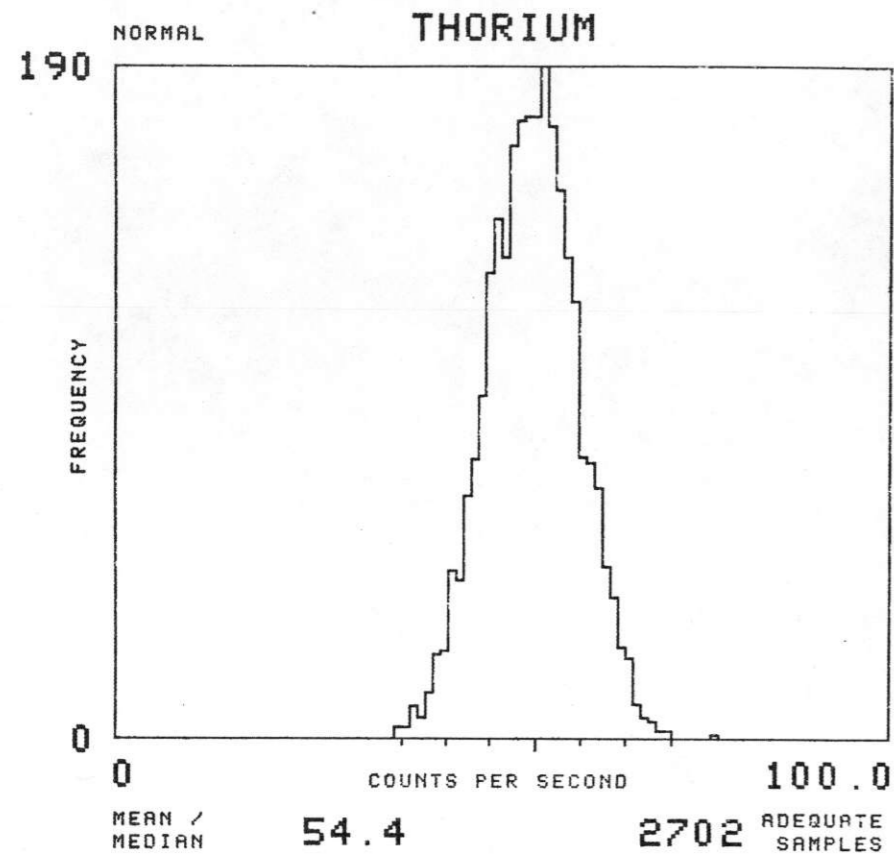
NTMS NK 14-12 LINCOLN

SOIL GROUP : P

TOTAL NUMBER OF SAMPLES 770

EAST SALINA BASIN - GEOMETRICS 1977

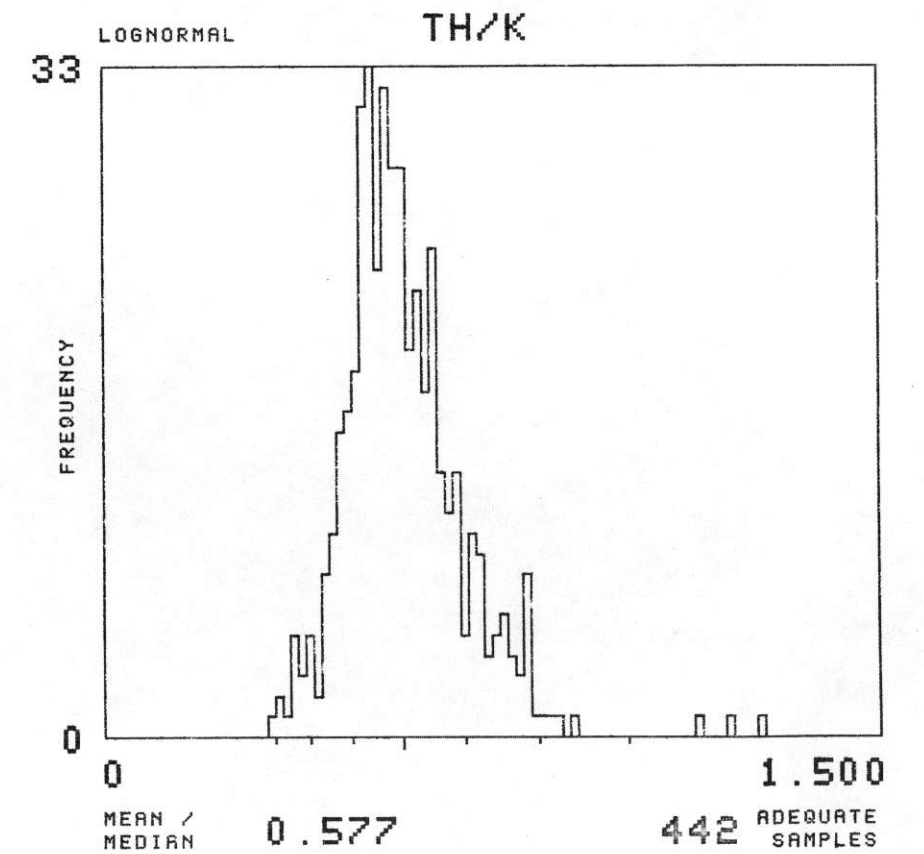
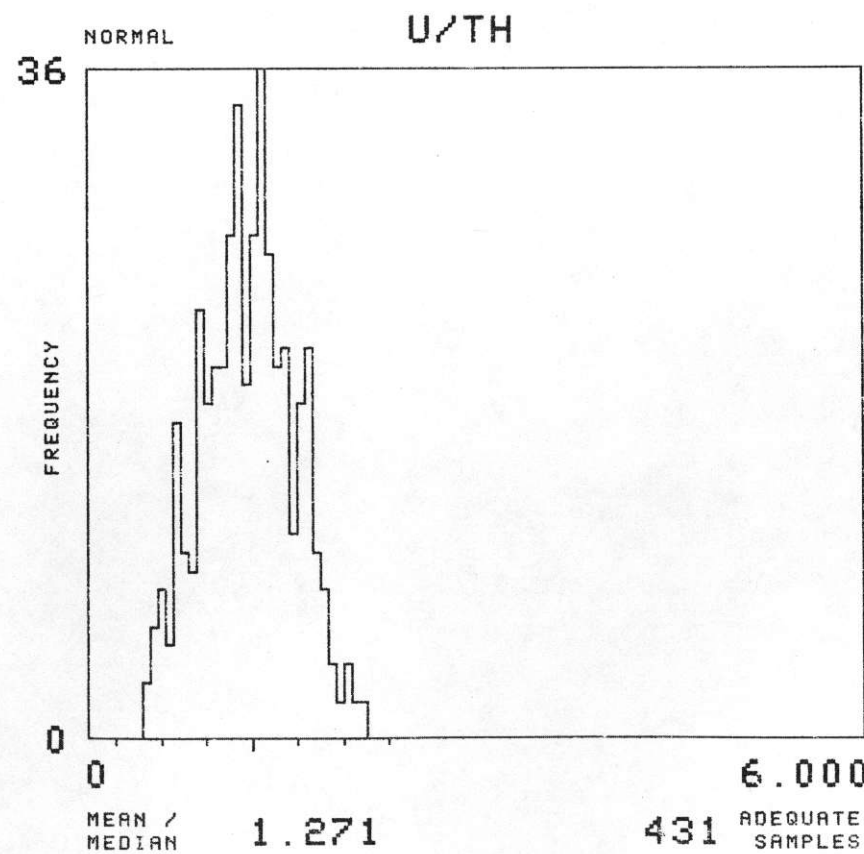
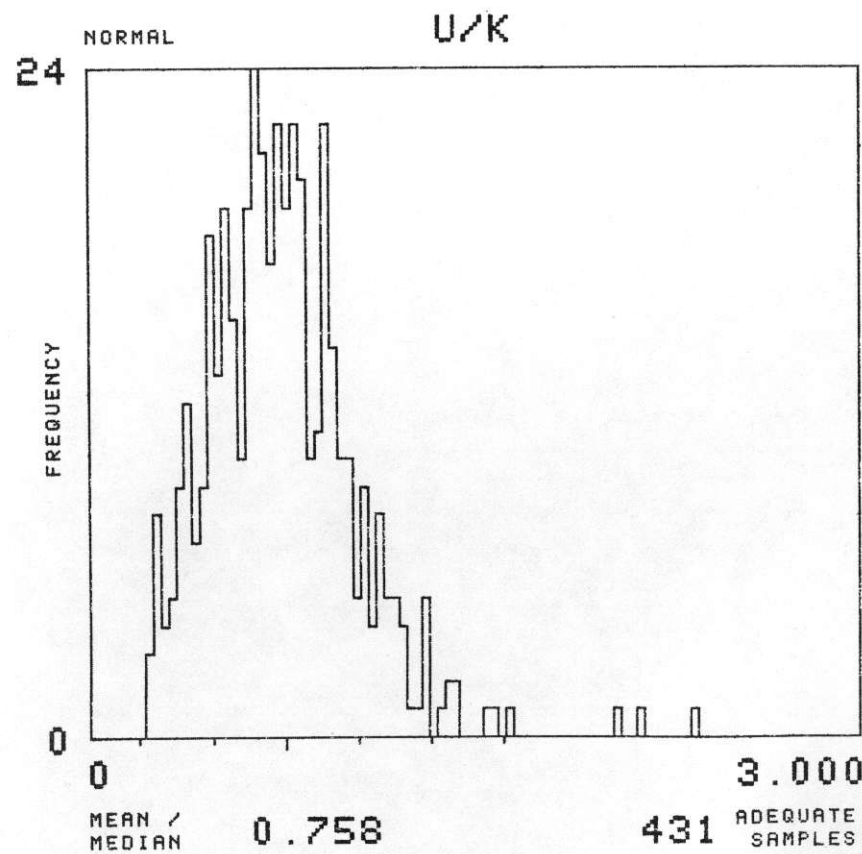
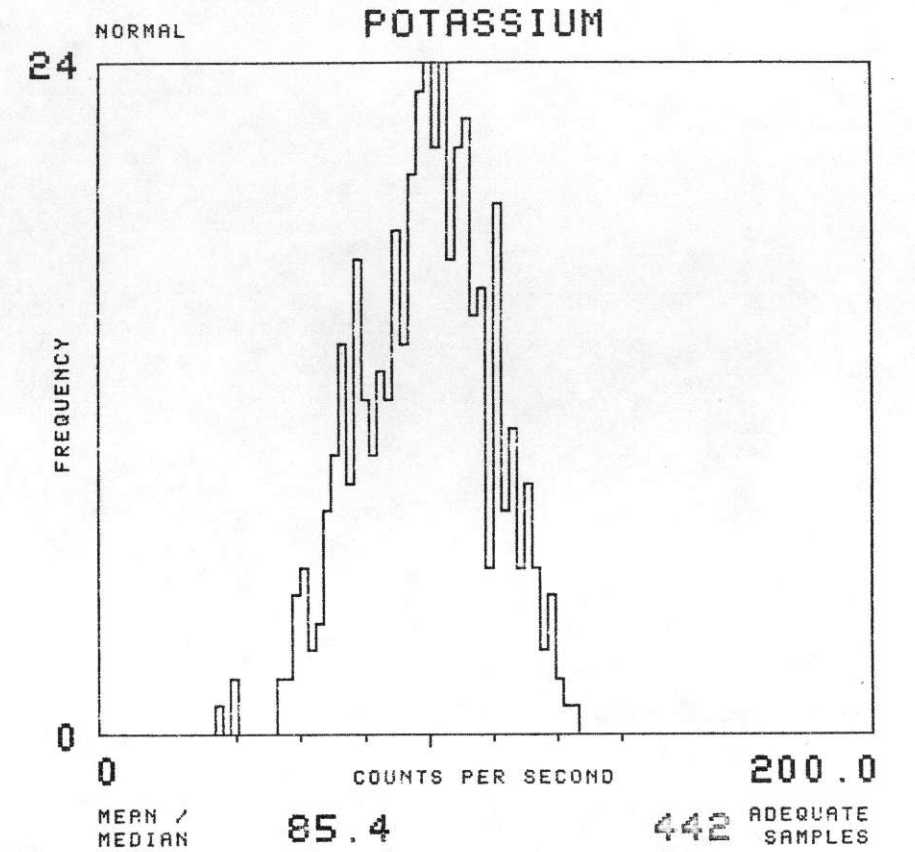
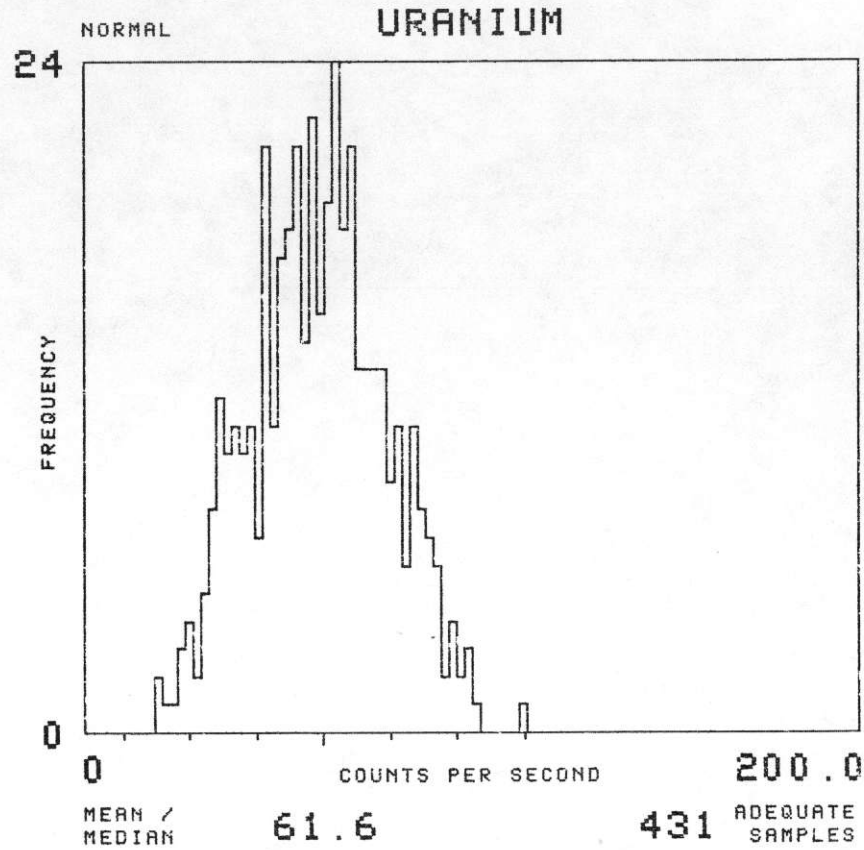
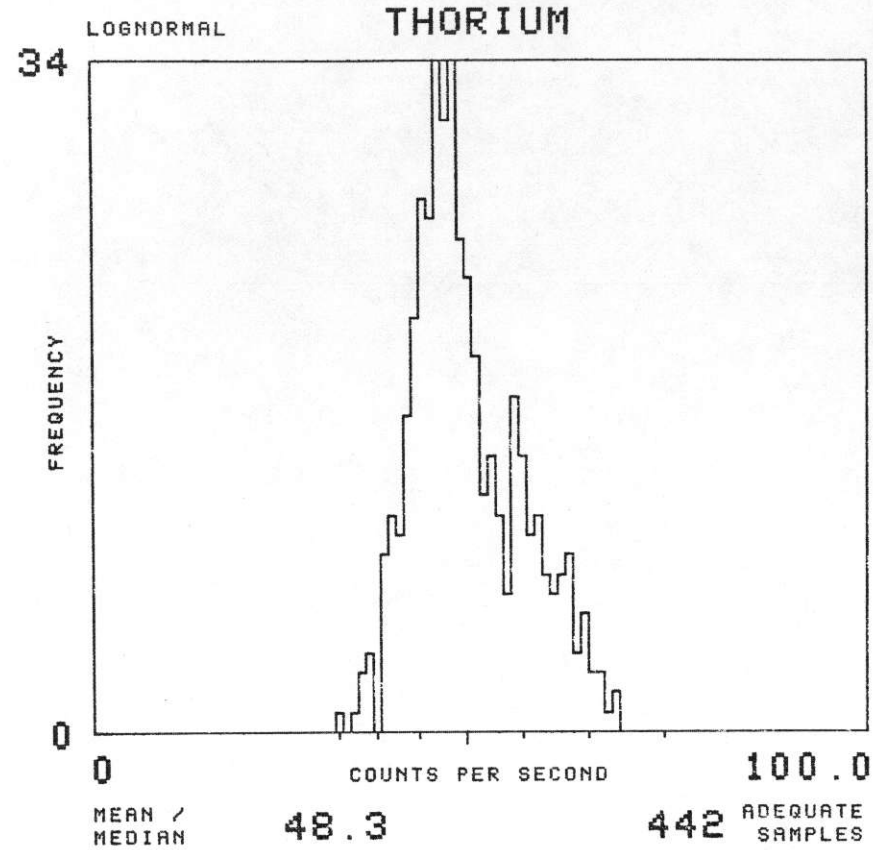


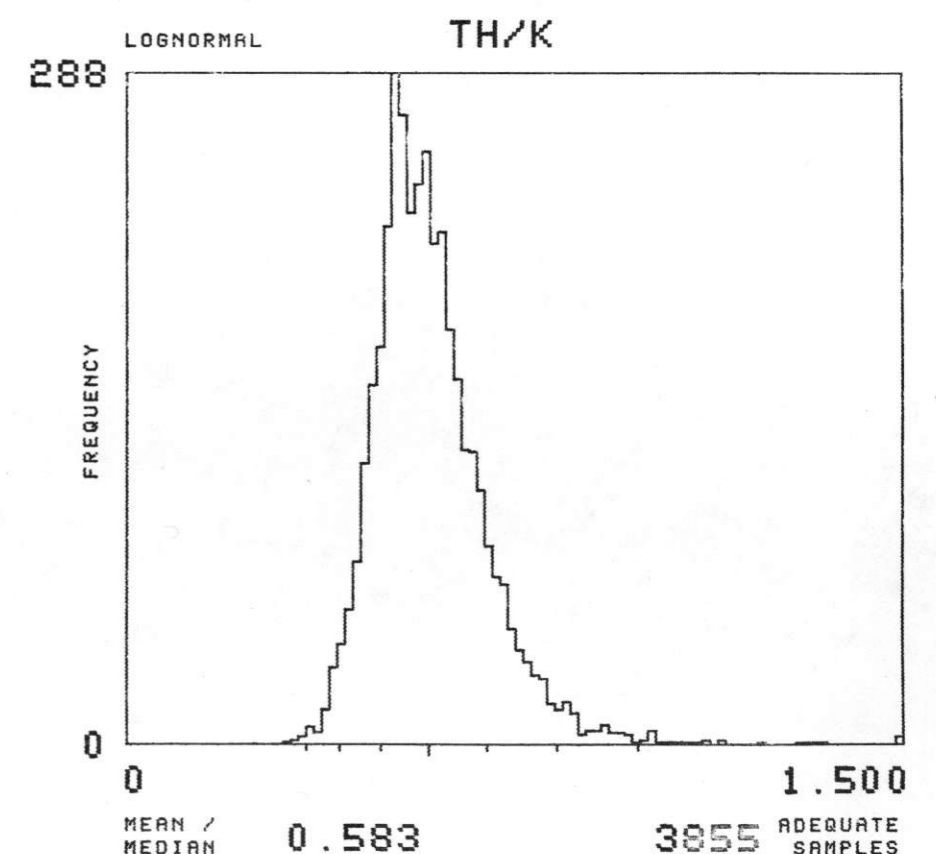
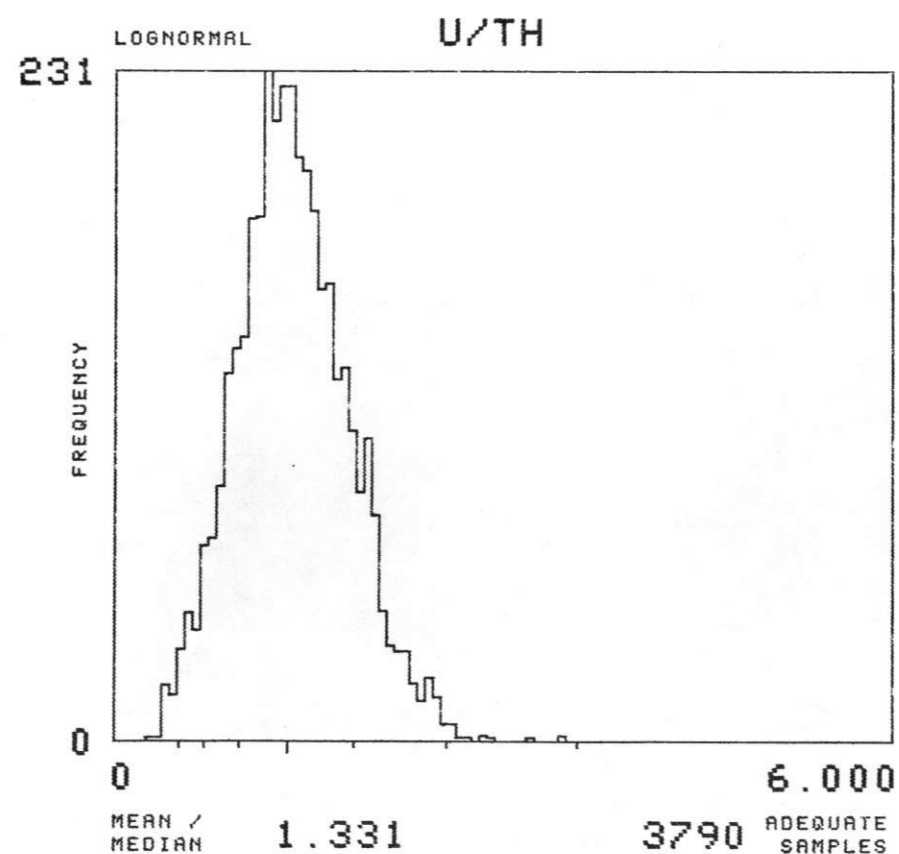
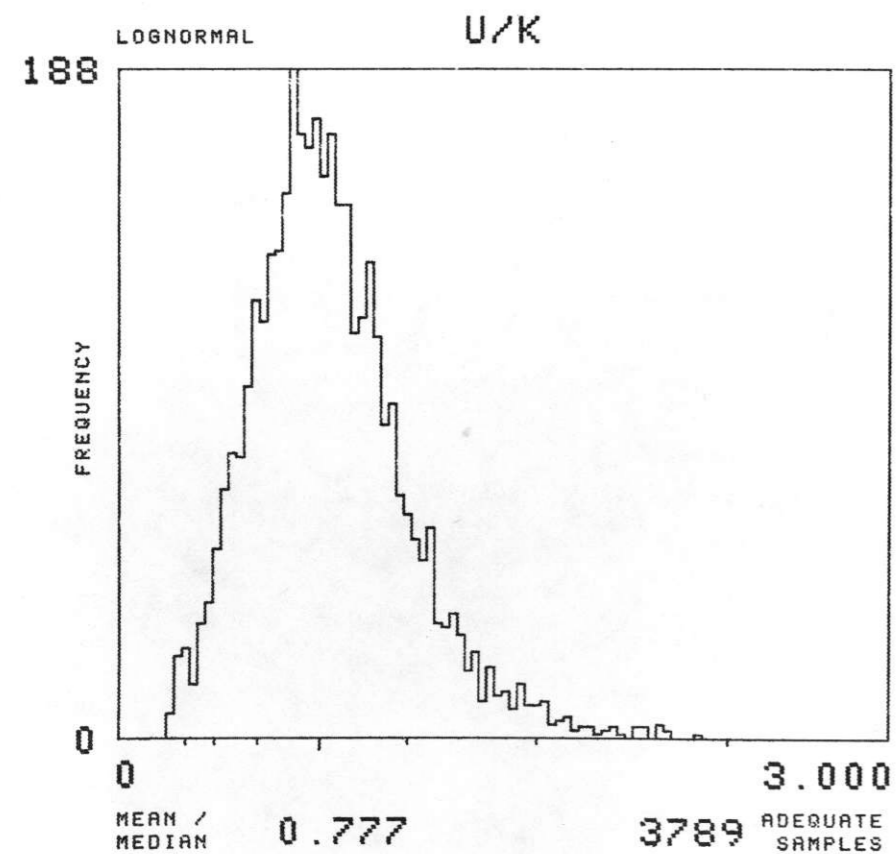
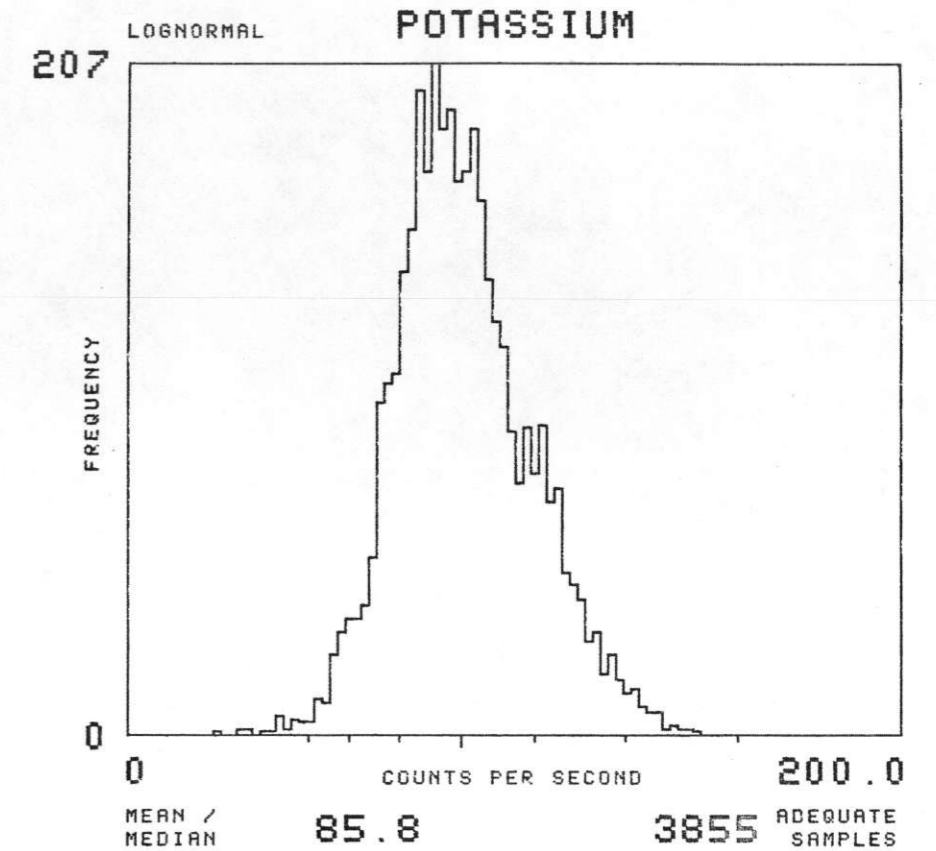
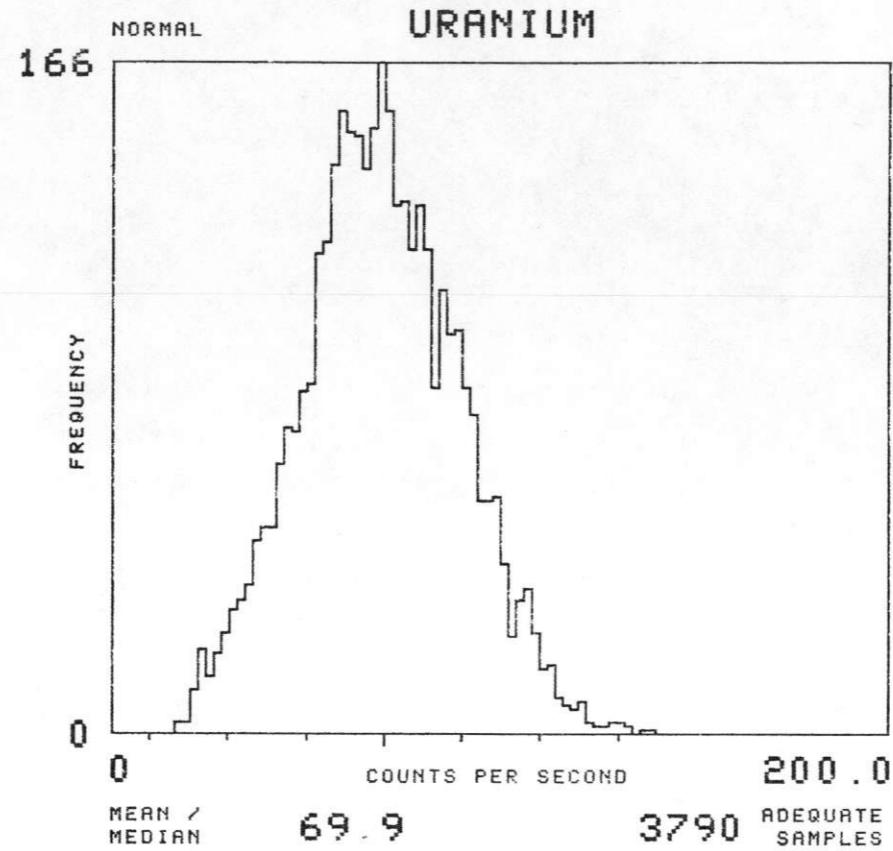
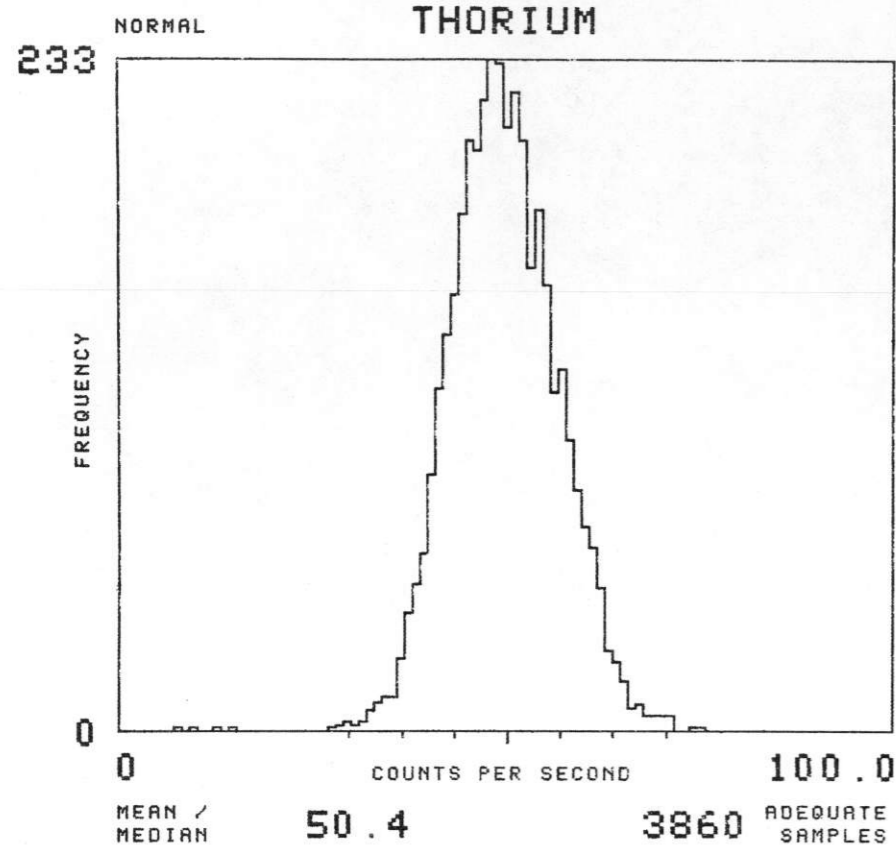


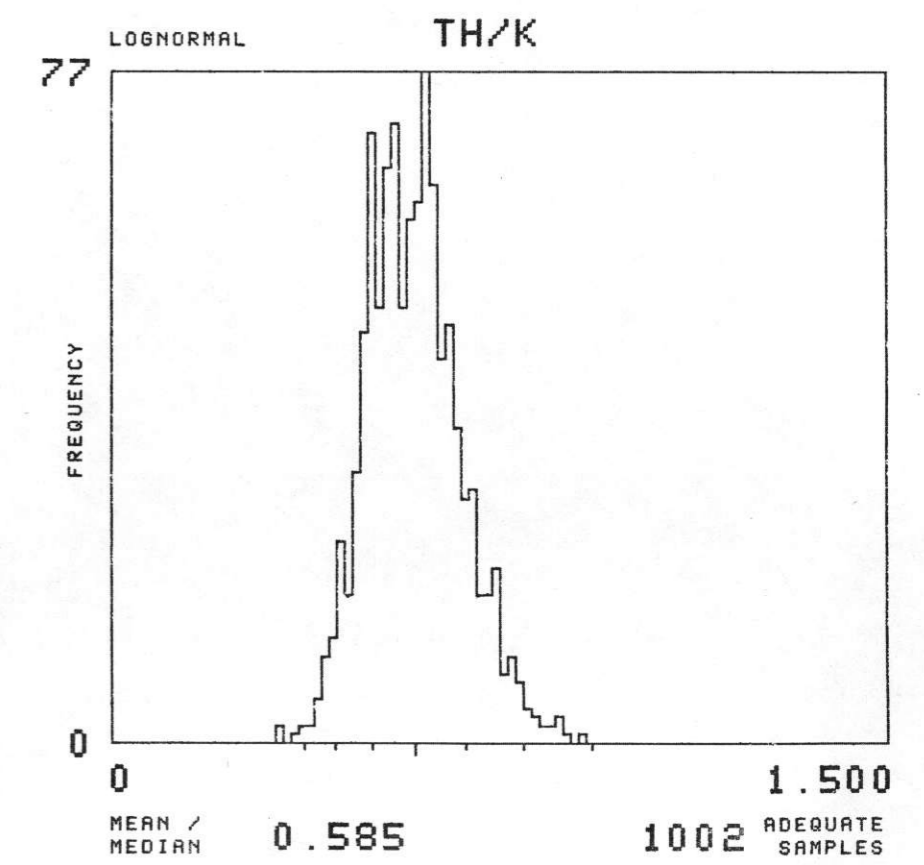
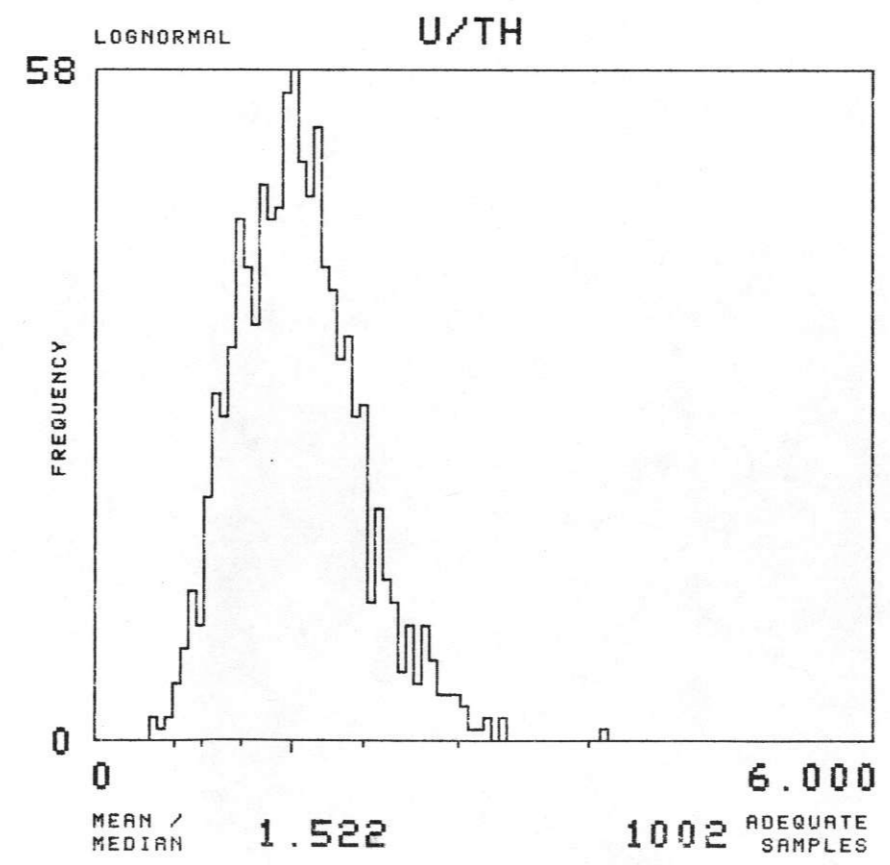
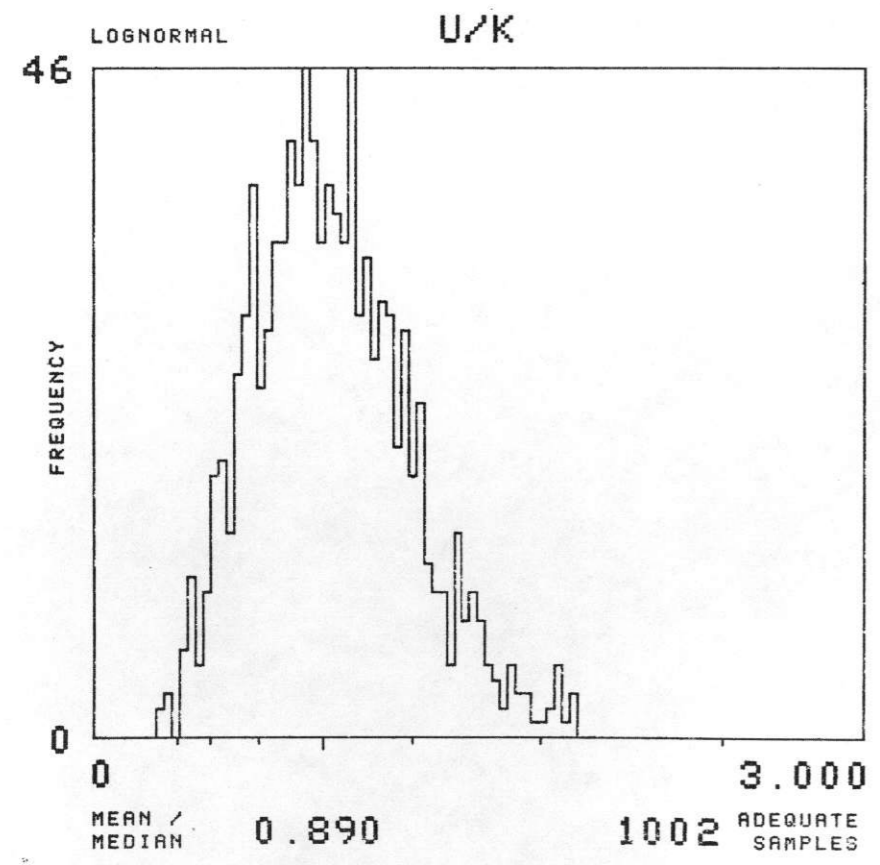
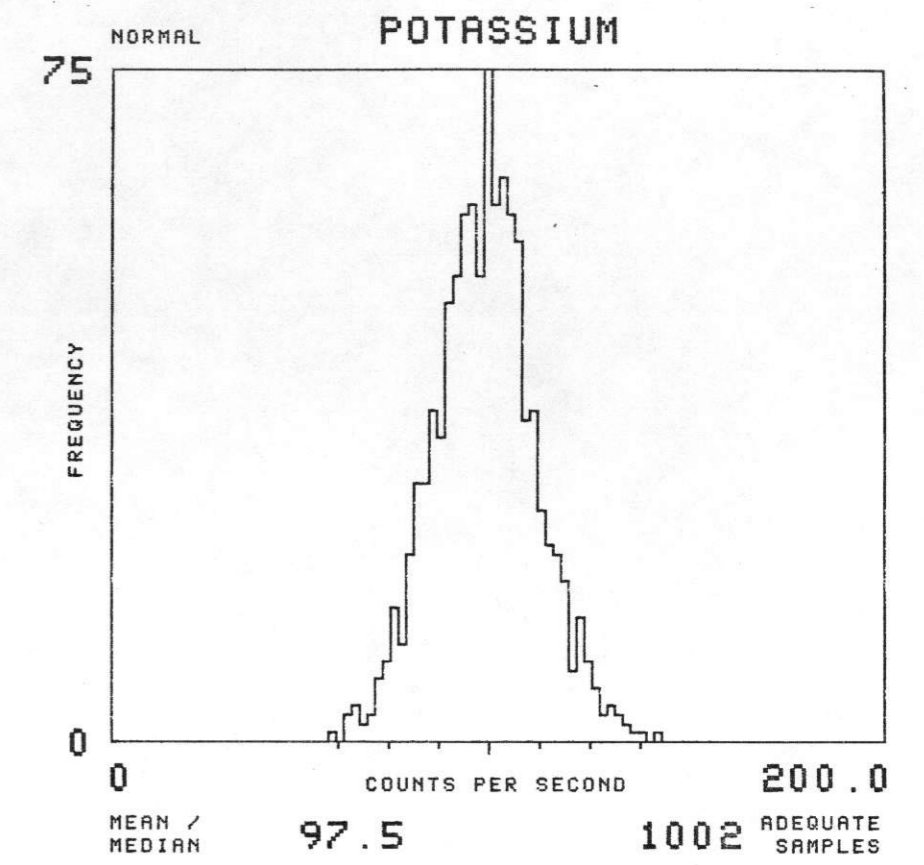
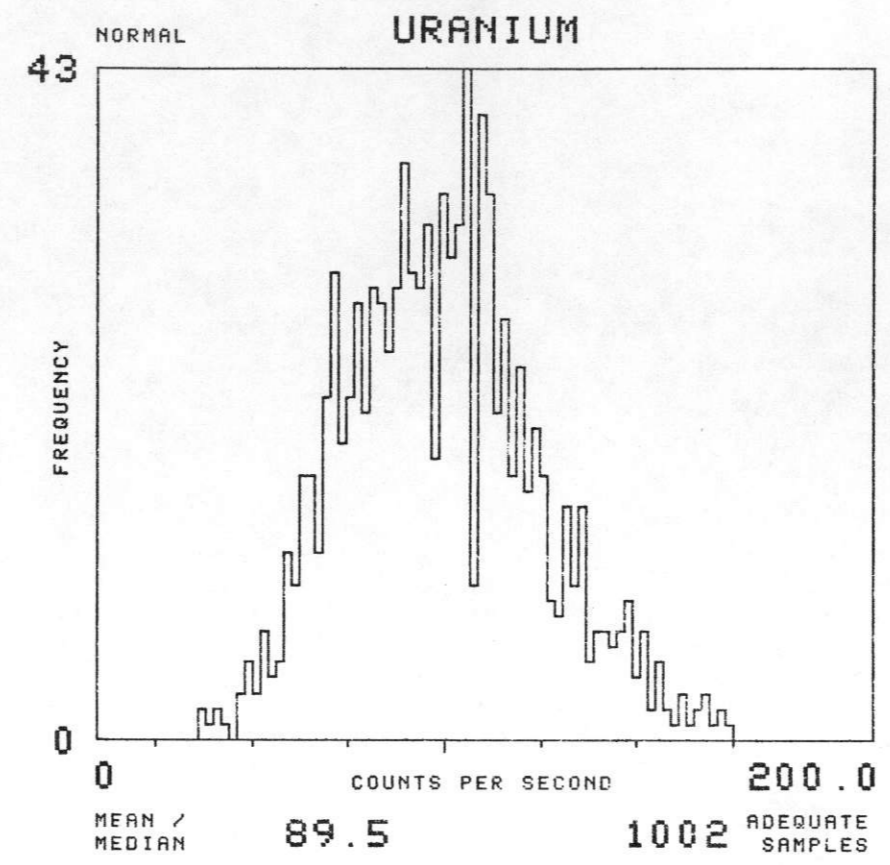
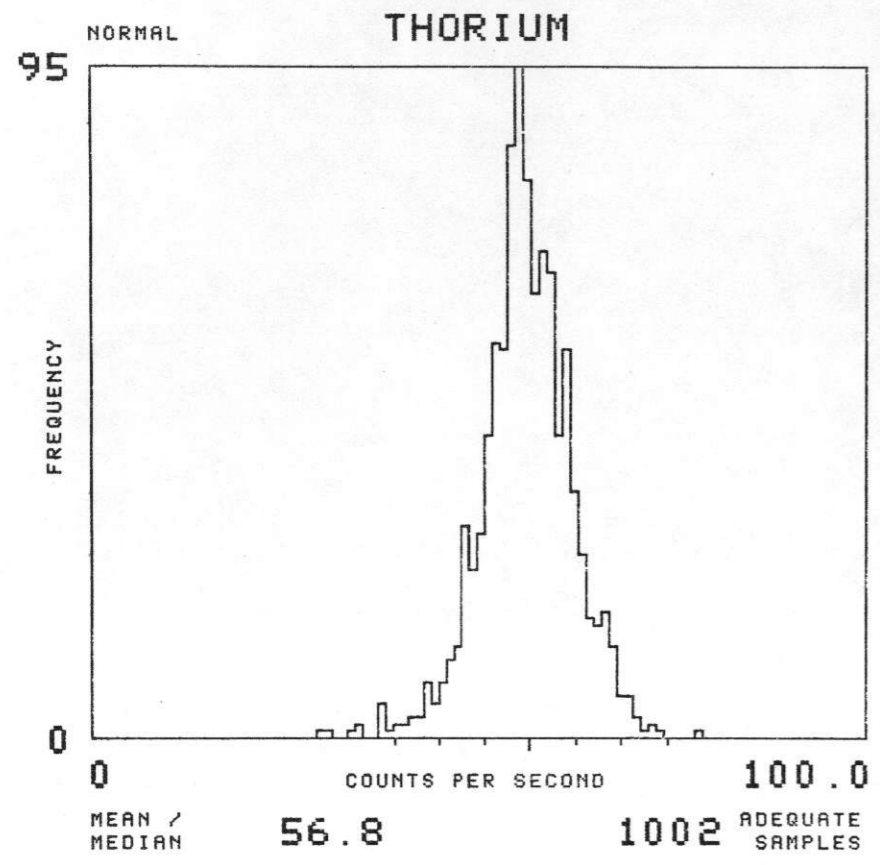
NTMS NK 14-12 LINCOLN

SOIL GROUP : PS TOTAL NUMBER OF SAMPLES 442

EAST SALINA BASIN - GEOMETRICS 1977





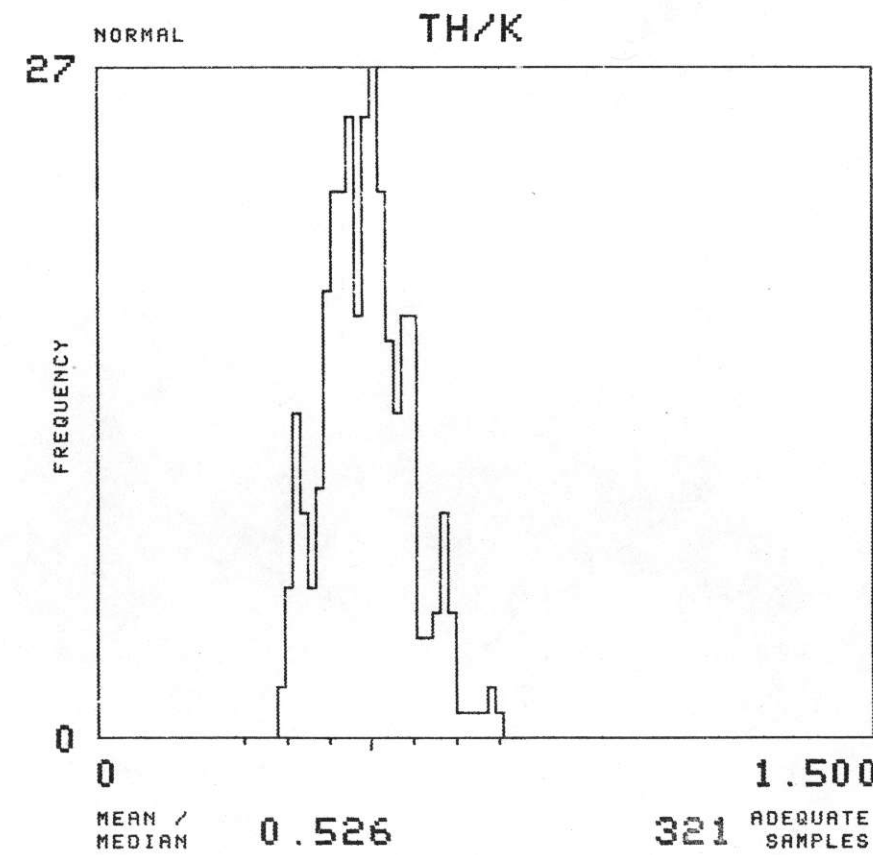
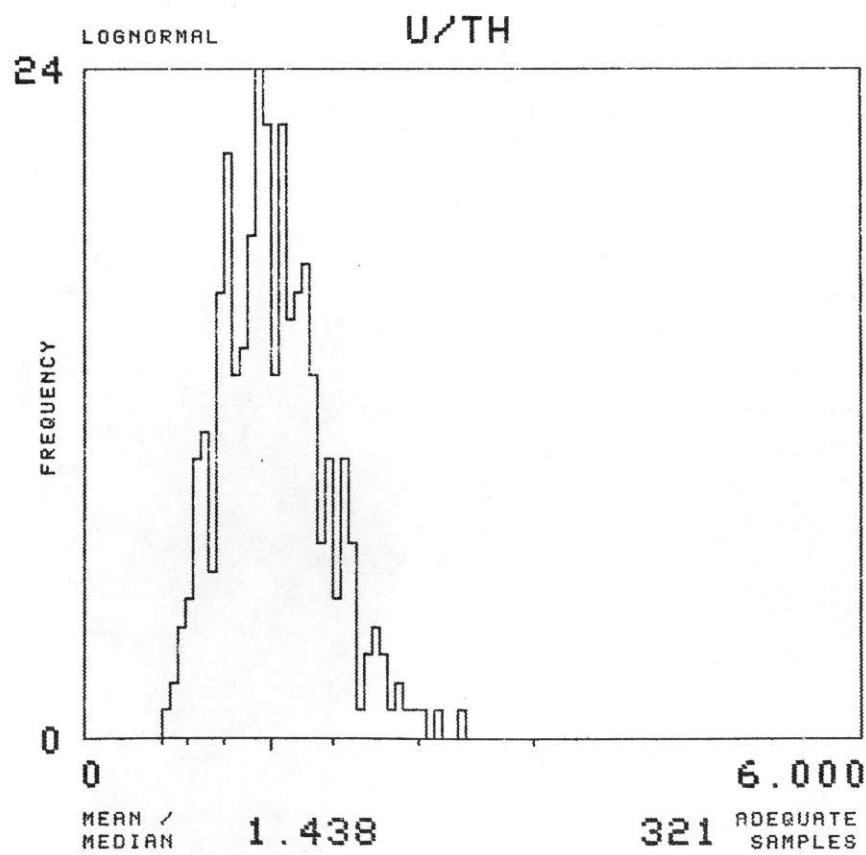
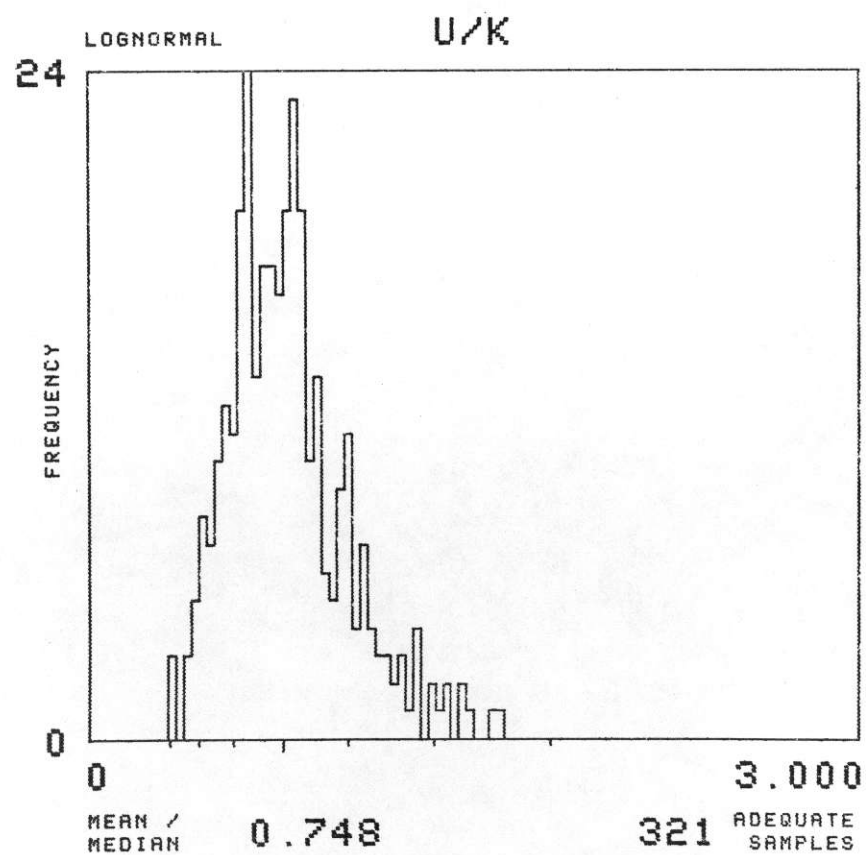
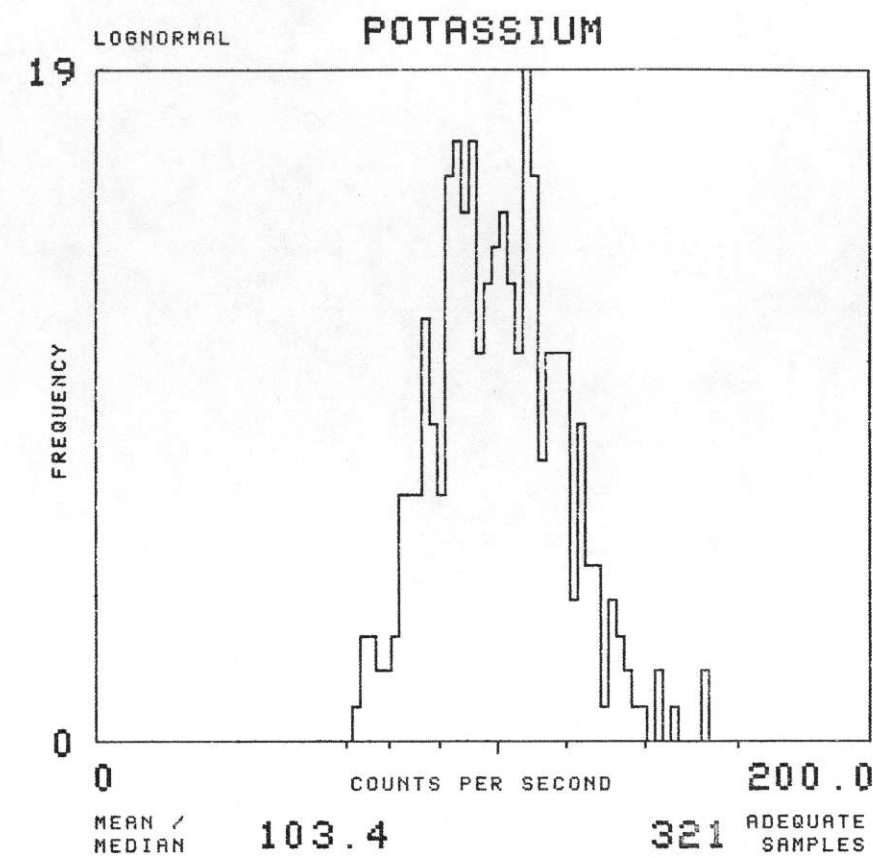
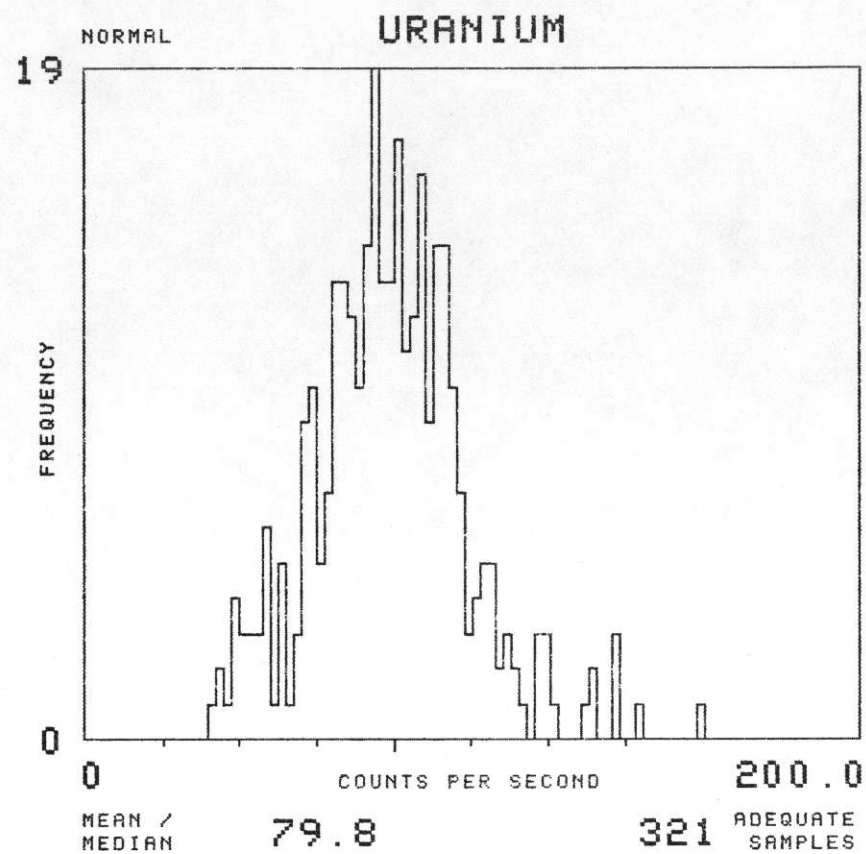
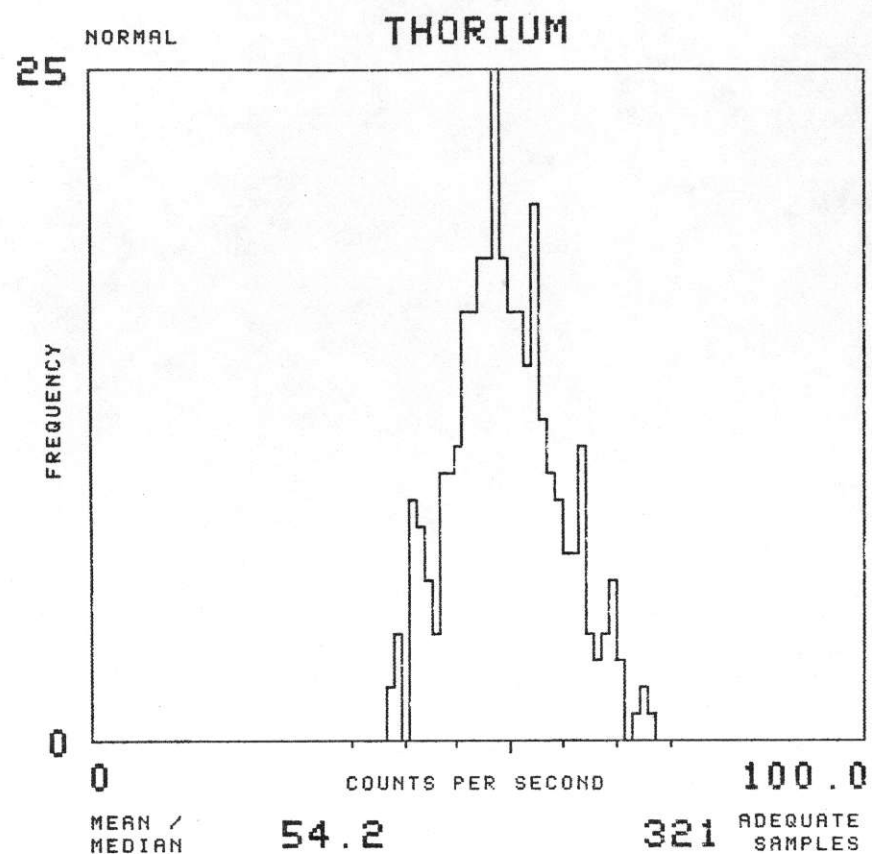


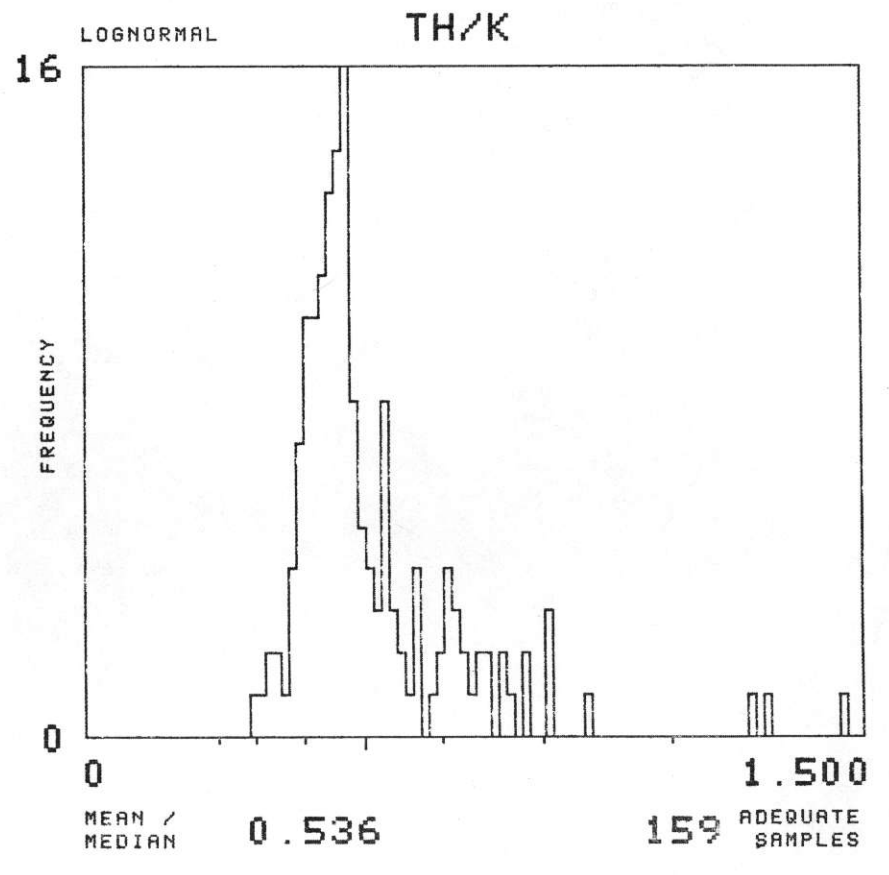
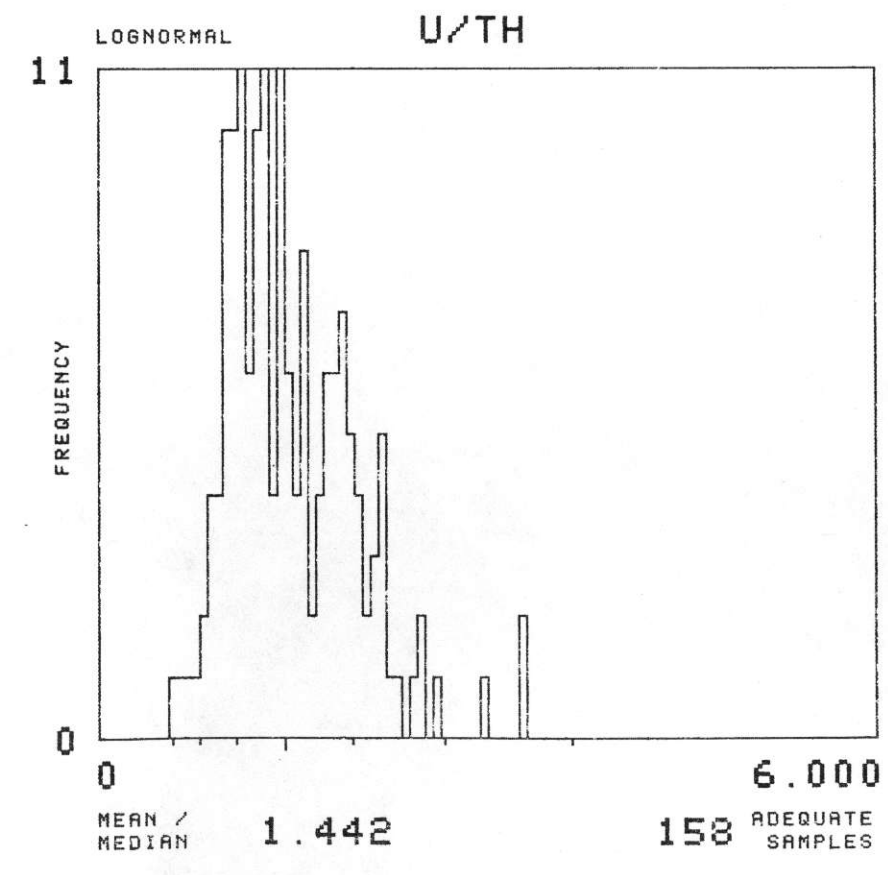
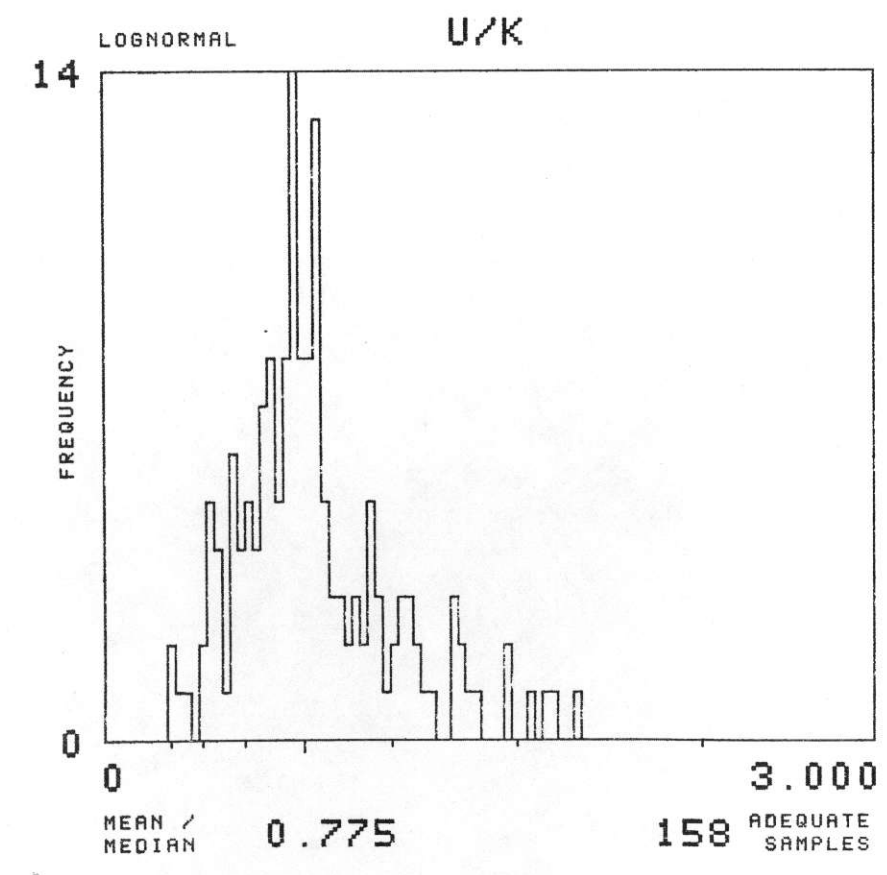
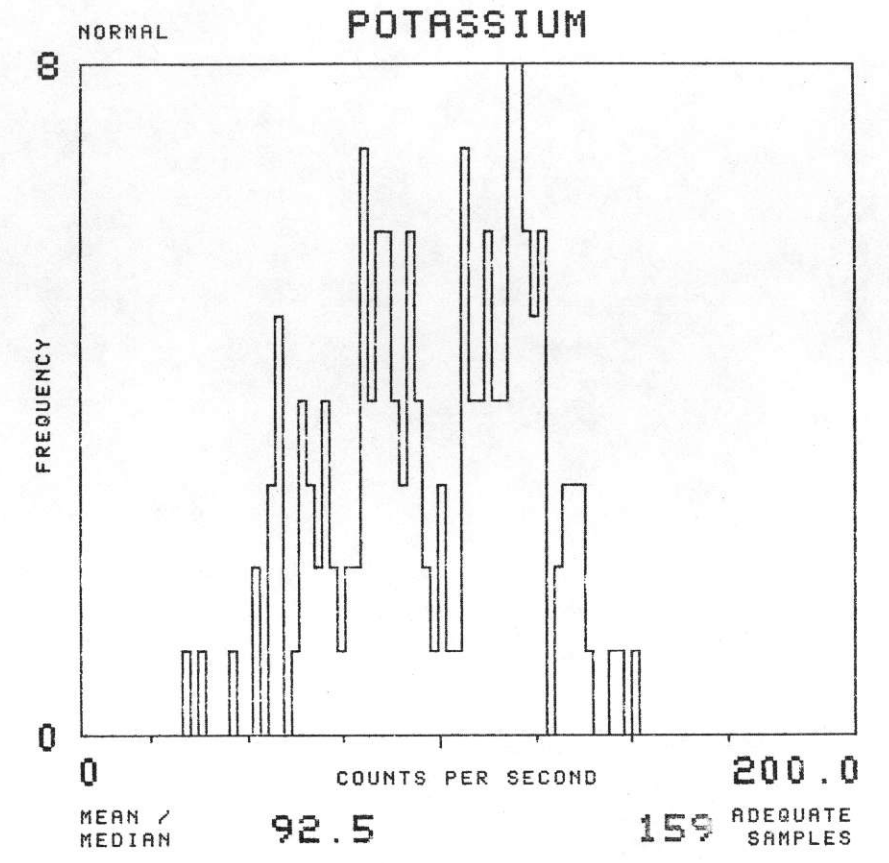
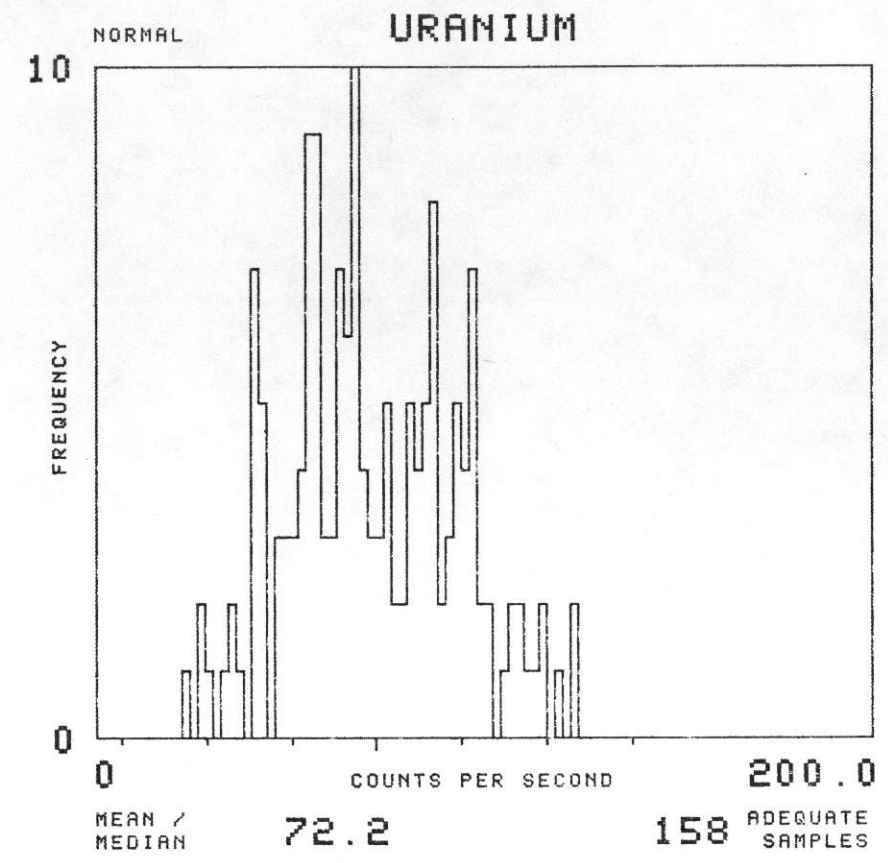
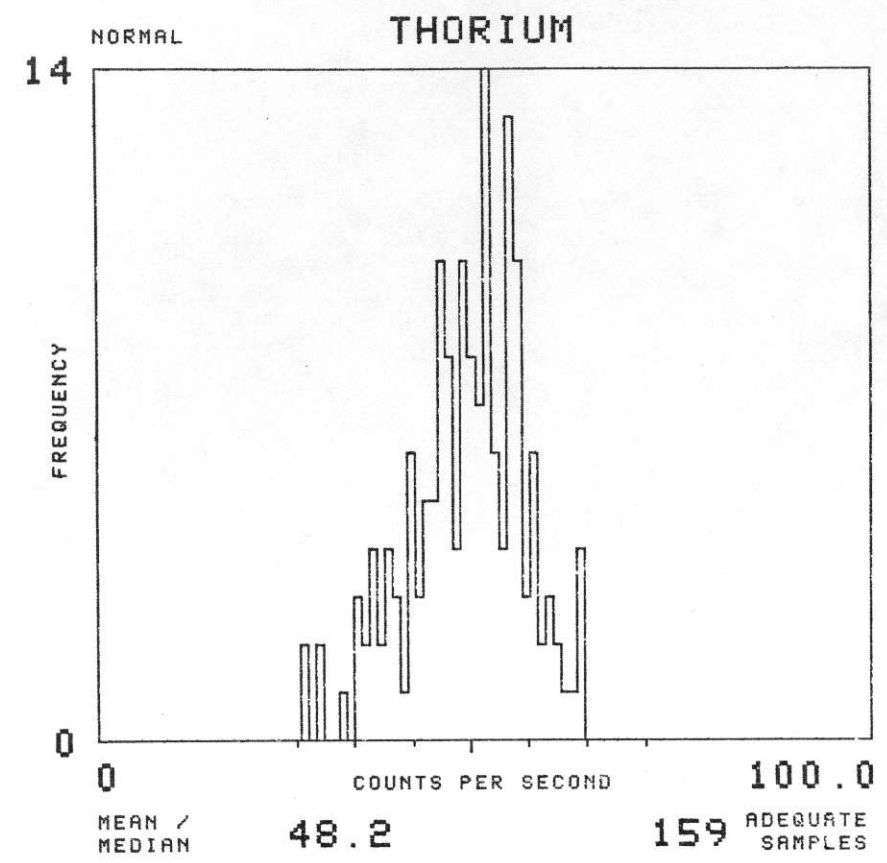
NTMS NK 14-12 LINCOLN

SOIL GROUP : SC

TOTAL NUMBER OF SAMPLES 321

EAST SALINA BASIN - GEOMETRICS 1977



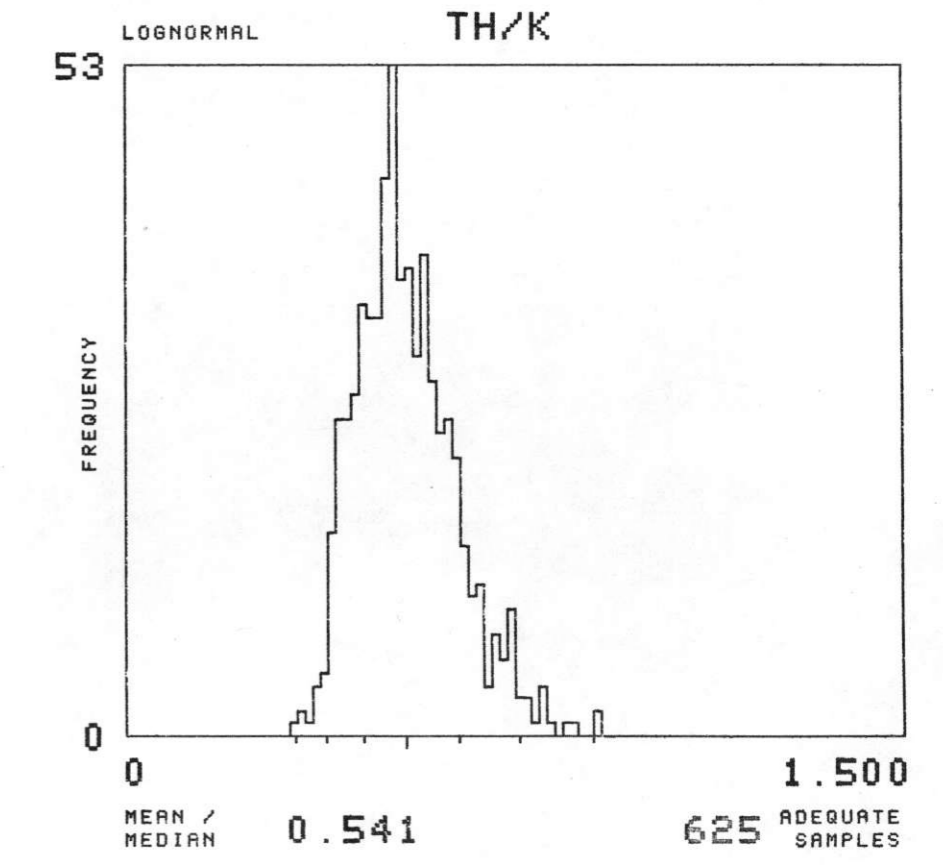
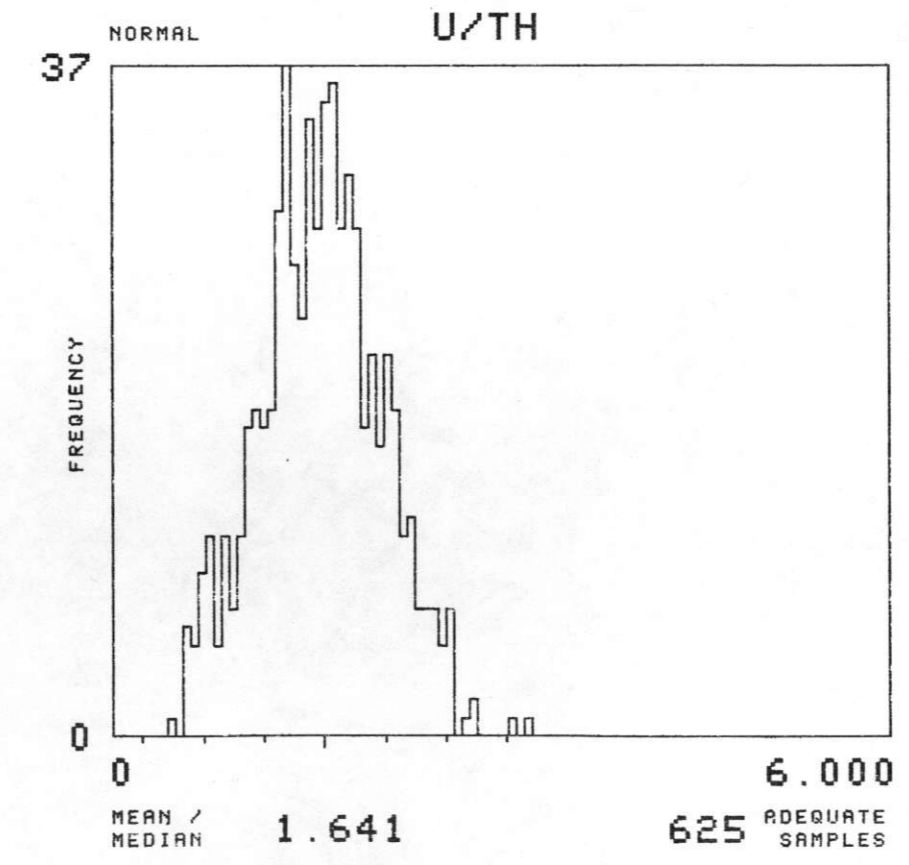
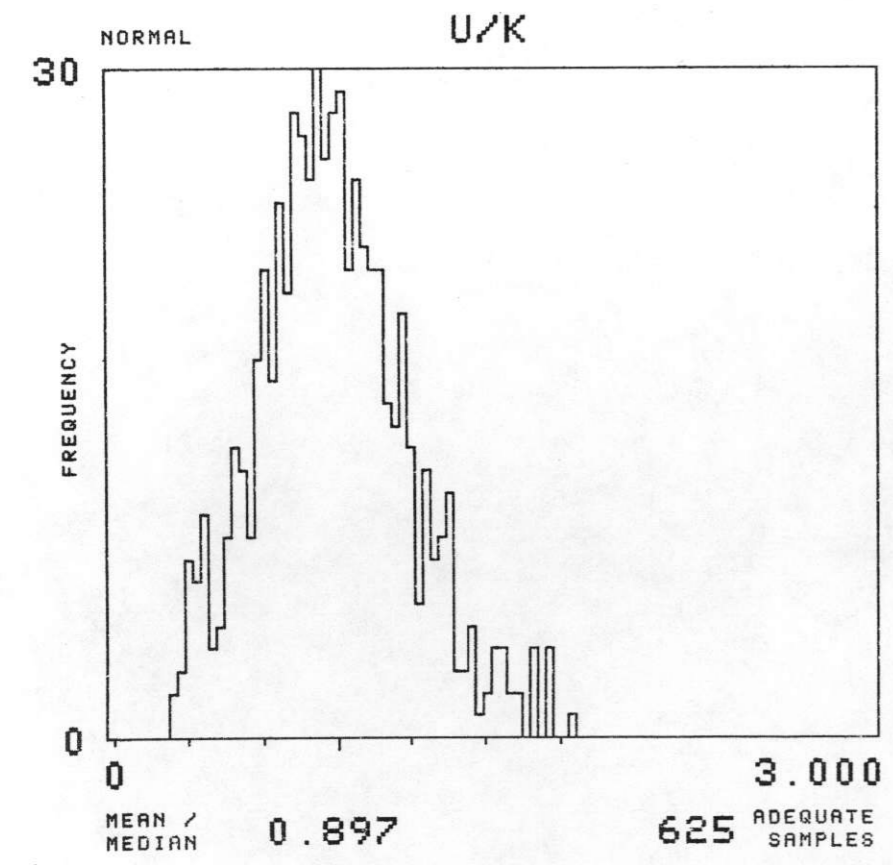
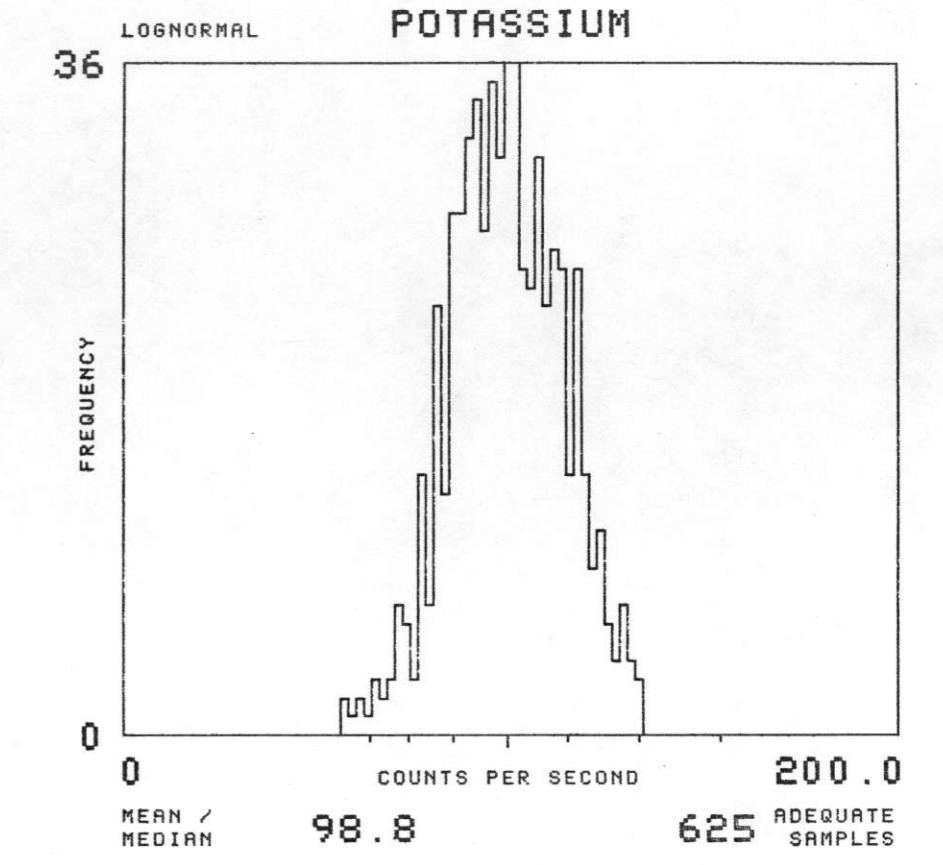
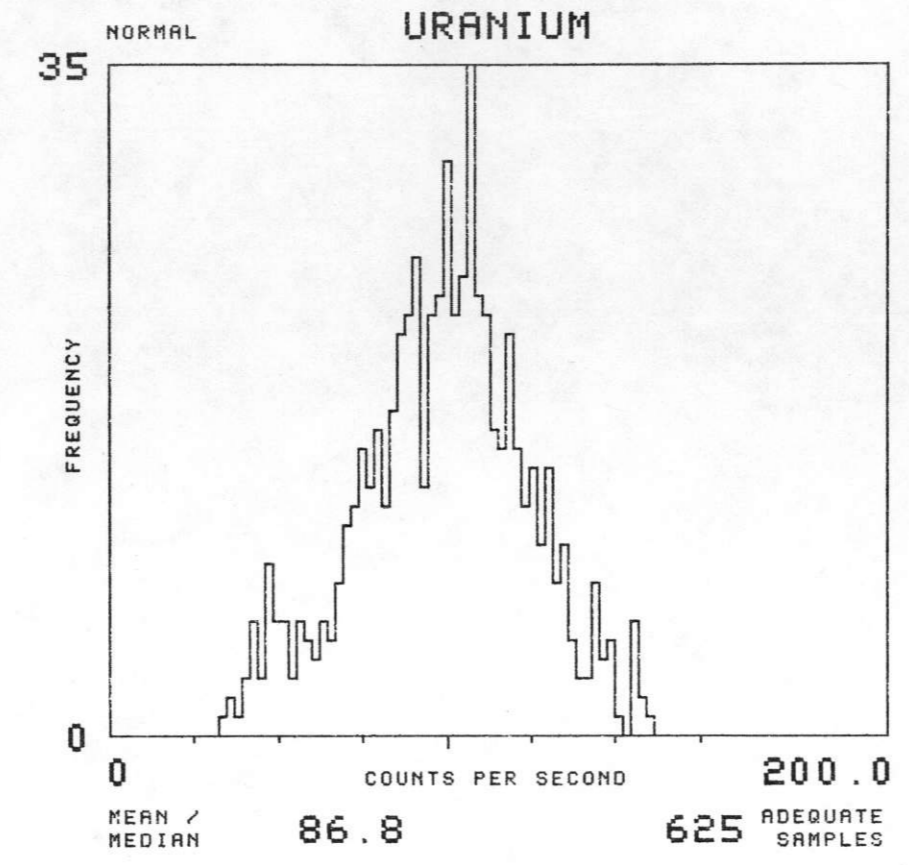
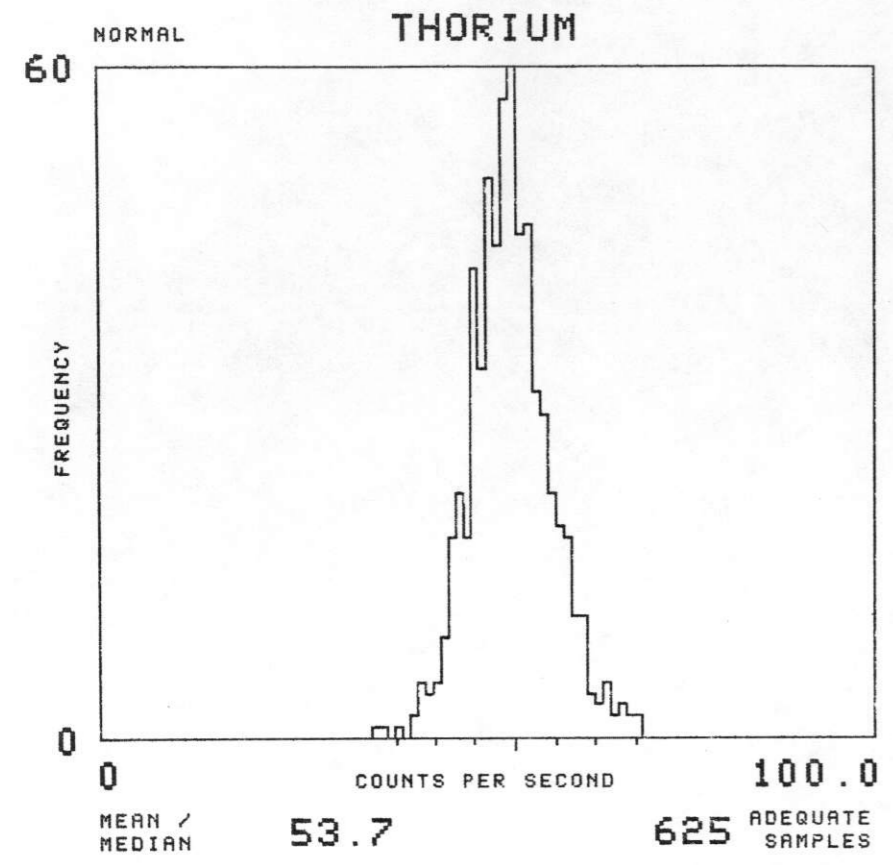


NTMS NK 14-12 LINCOLN

SOIL GROUP : WB

TOTAL NUMBER OF SAMPLES 625

EAST SALINA BASIN - GEOMETRICS 1977

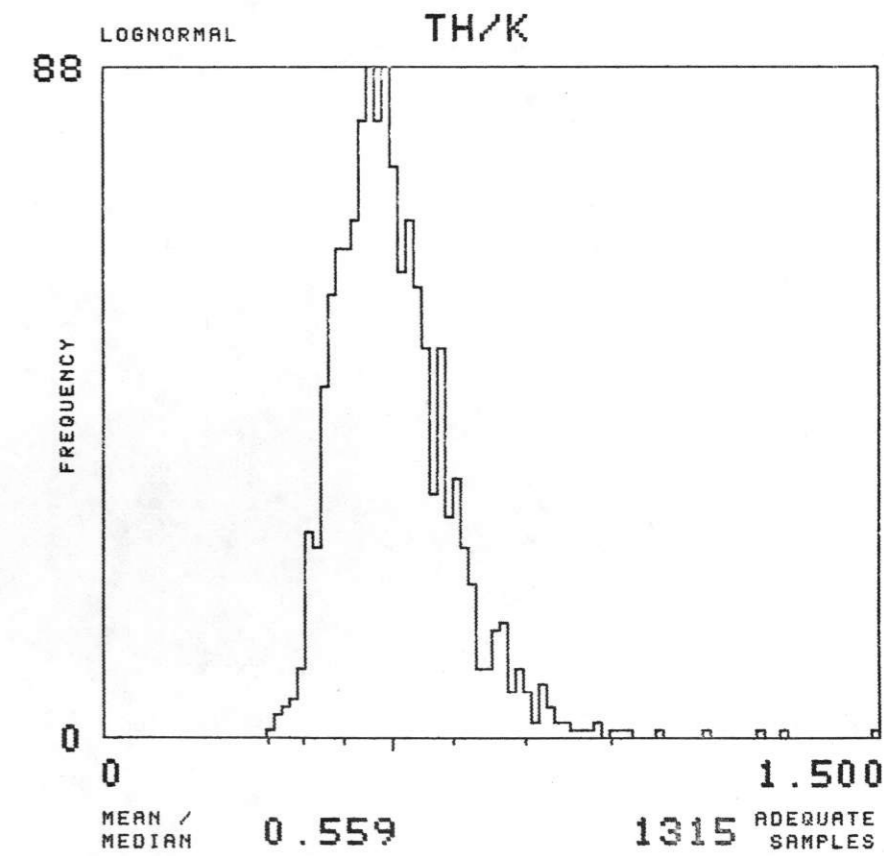
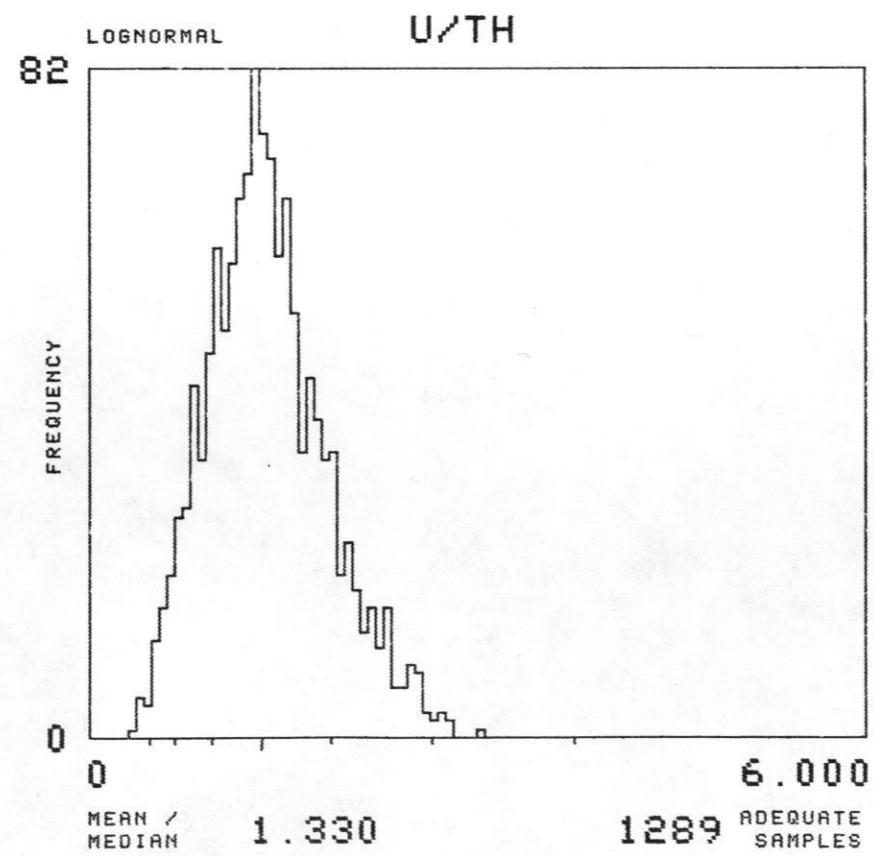
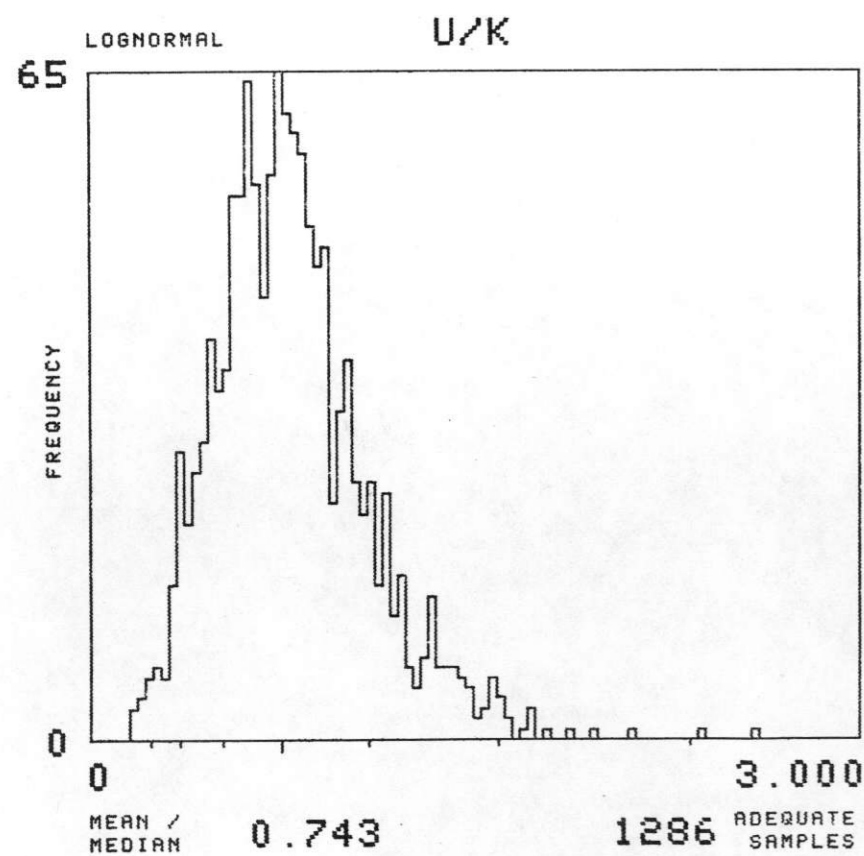
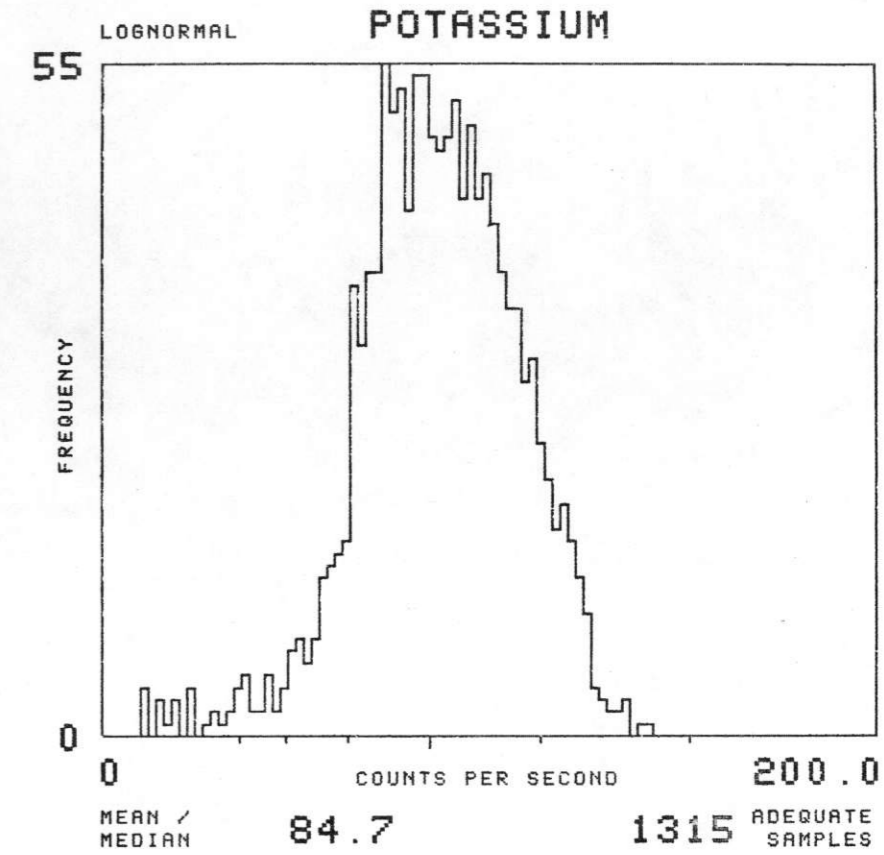
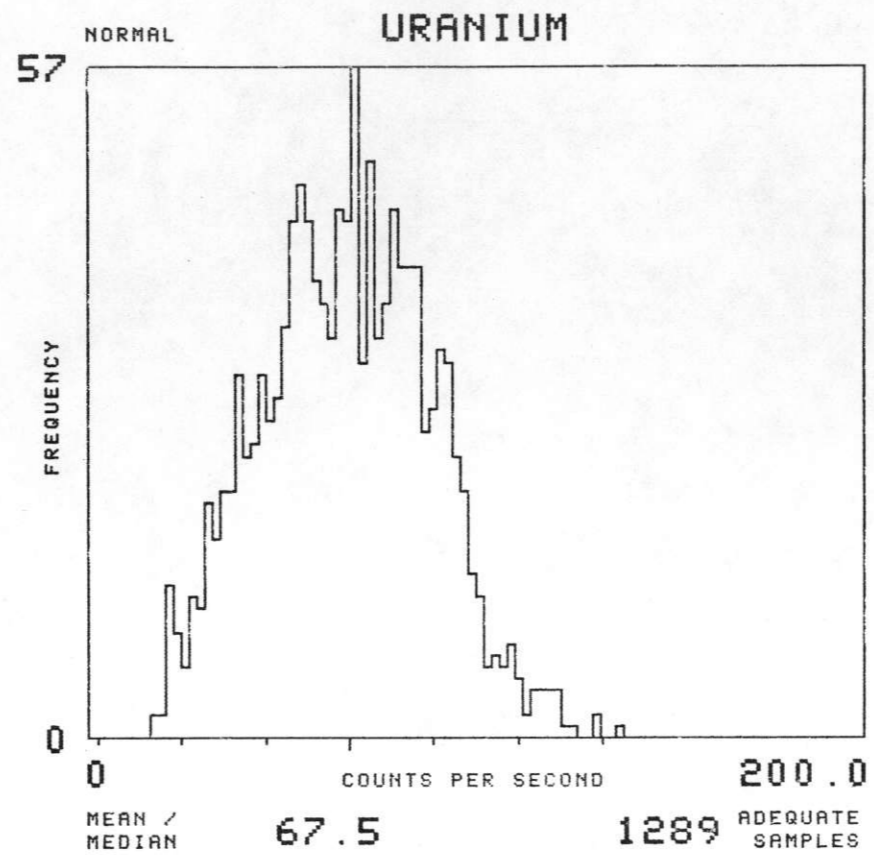
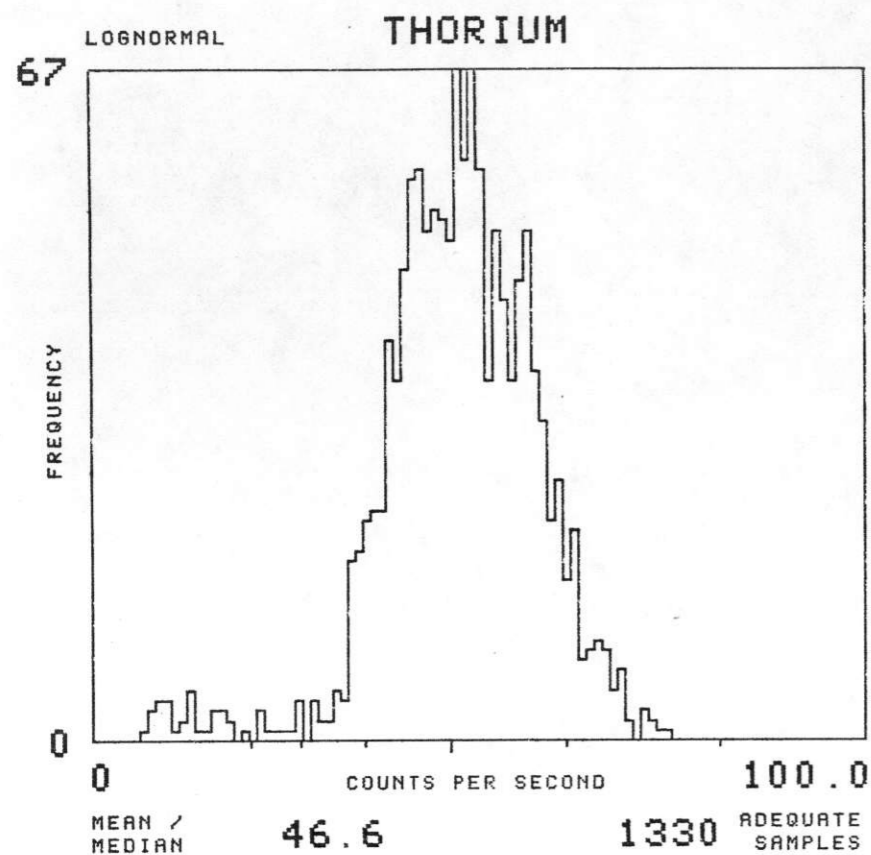


NTMS NK 14-12 LINCOLN

SOIL GROUP : WBL

TOTAL NUMBER OF SAMPLES 1692

EAST SALINA BASIN - GEOMETRICS 1977

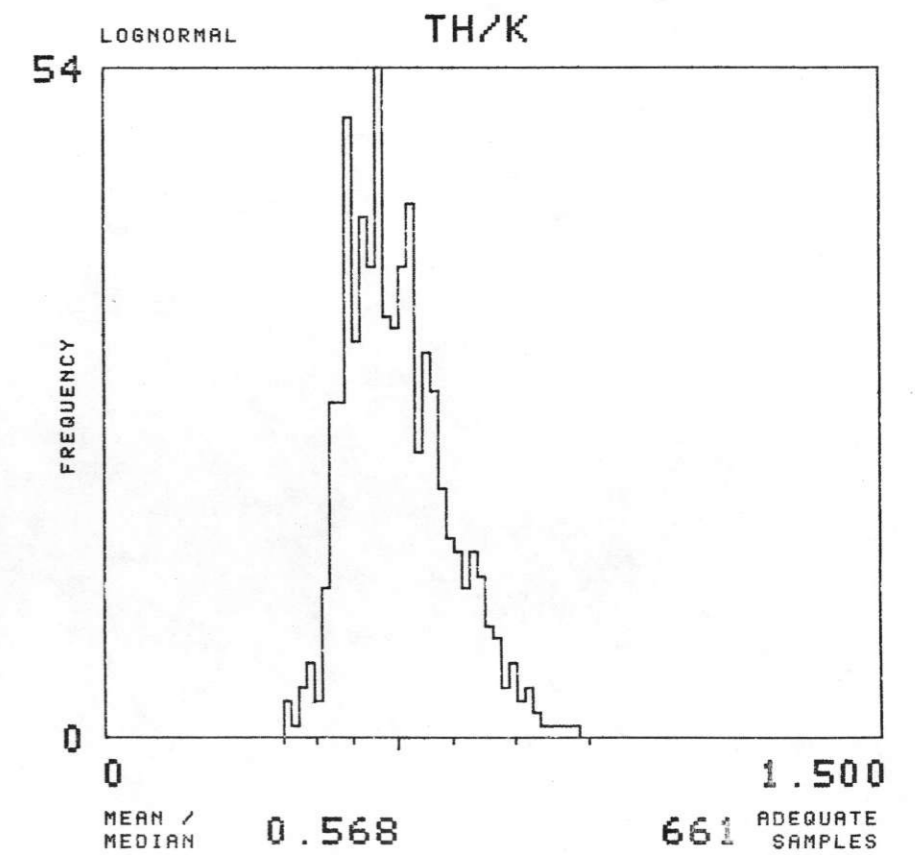
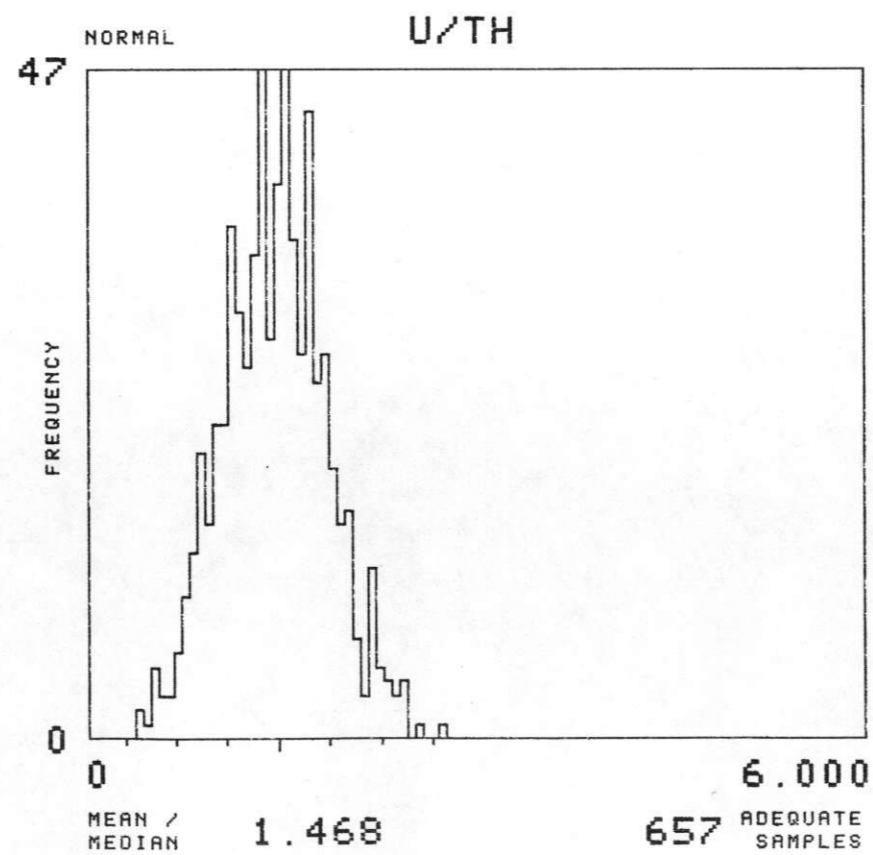
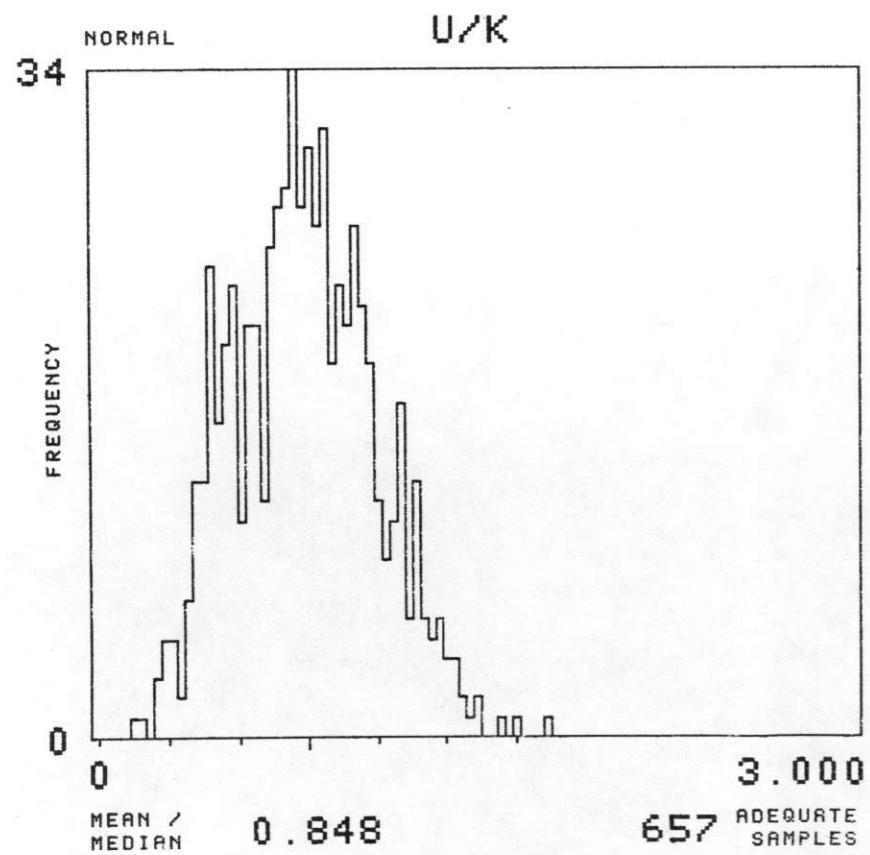
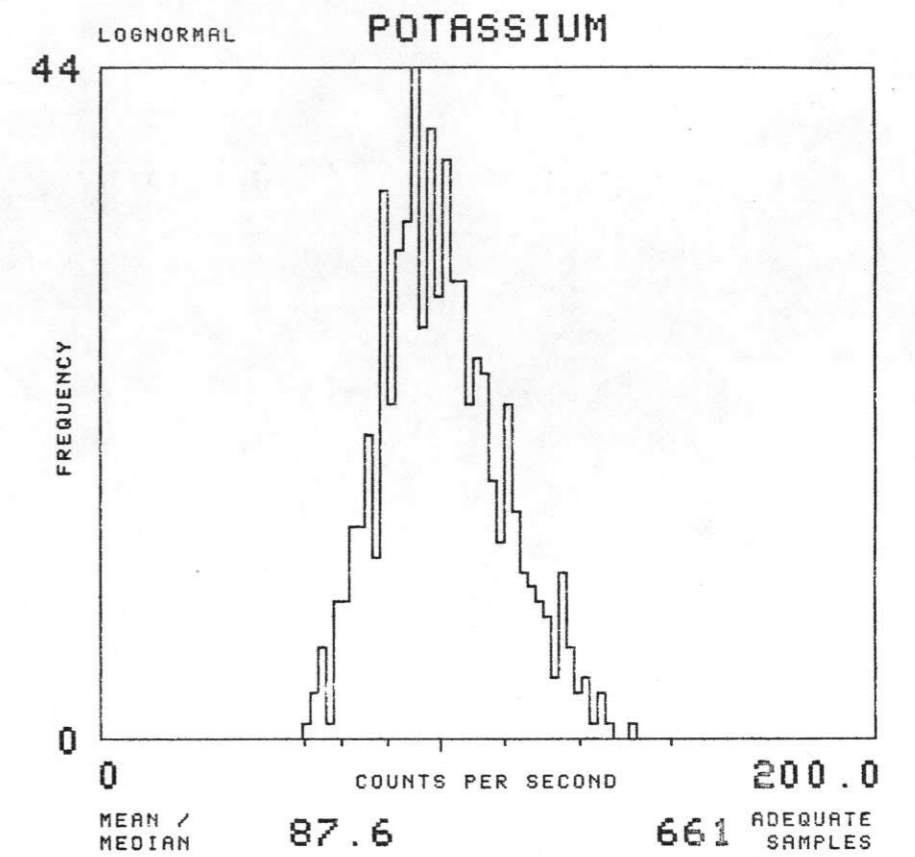
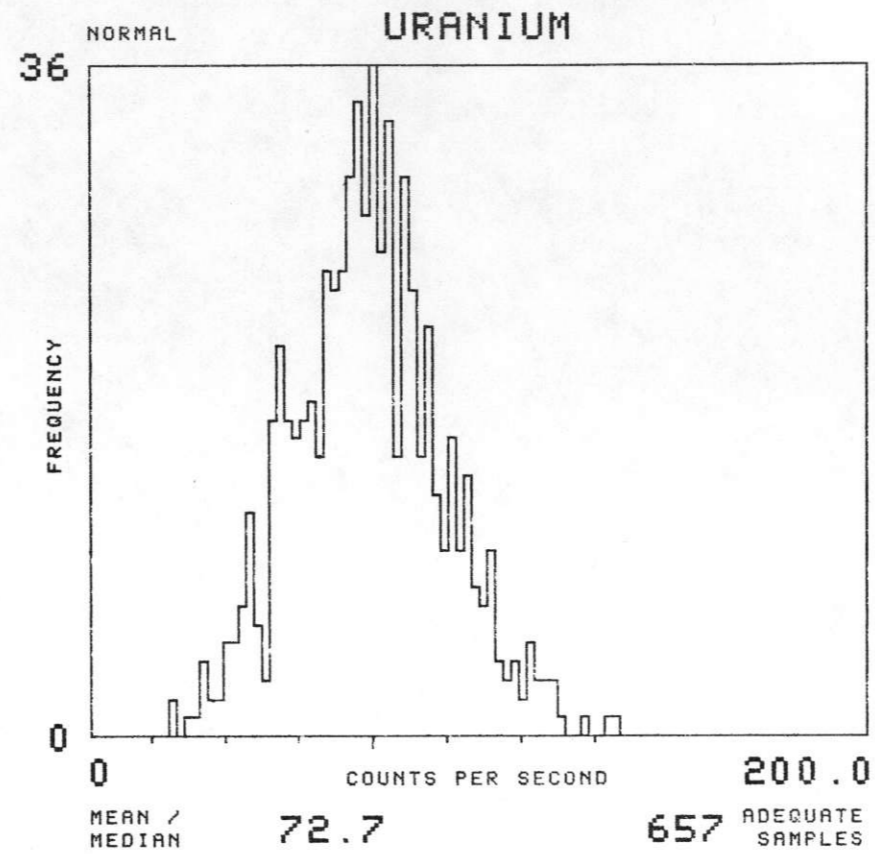
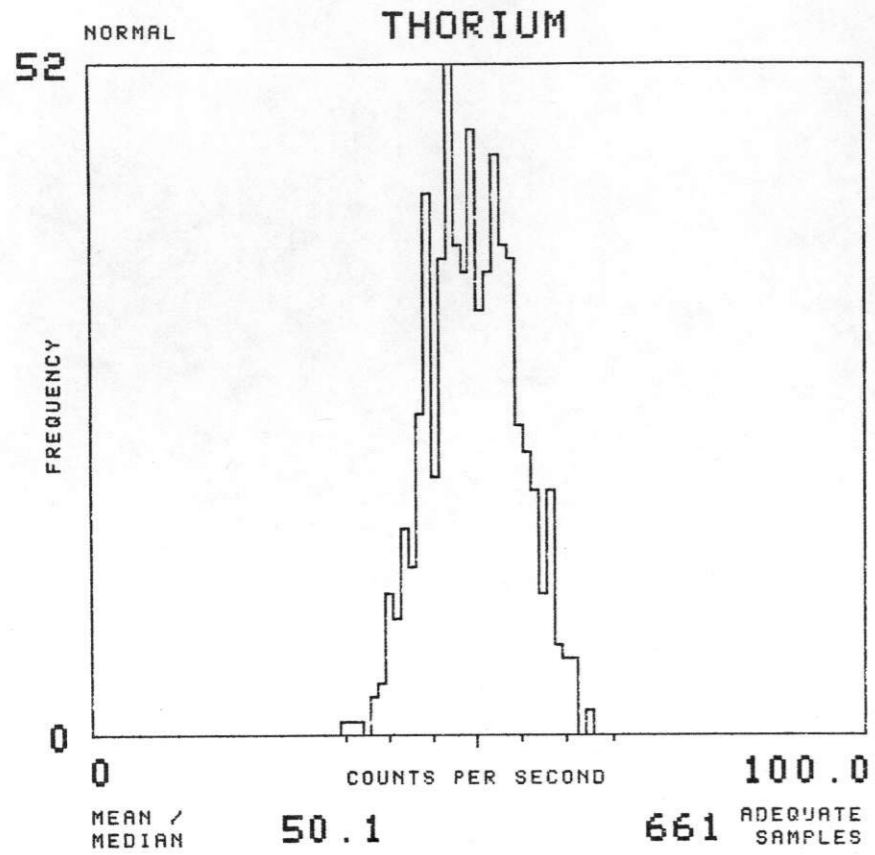


NTMS NK 14-12 LINCOLN

SOIL GROUP : WBLCS

TOTAL NUMBER OF SAMPLES 661

EAST SALINA BASIN - GEOMETRICS 1977

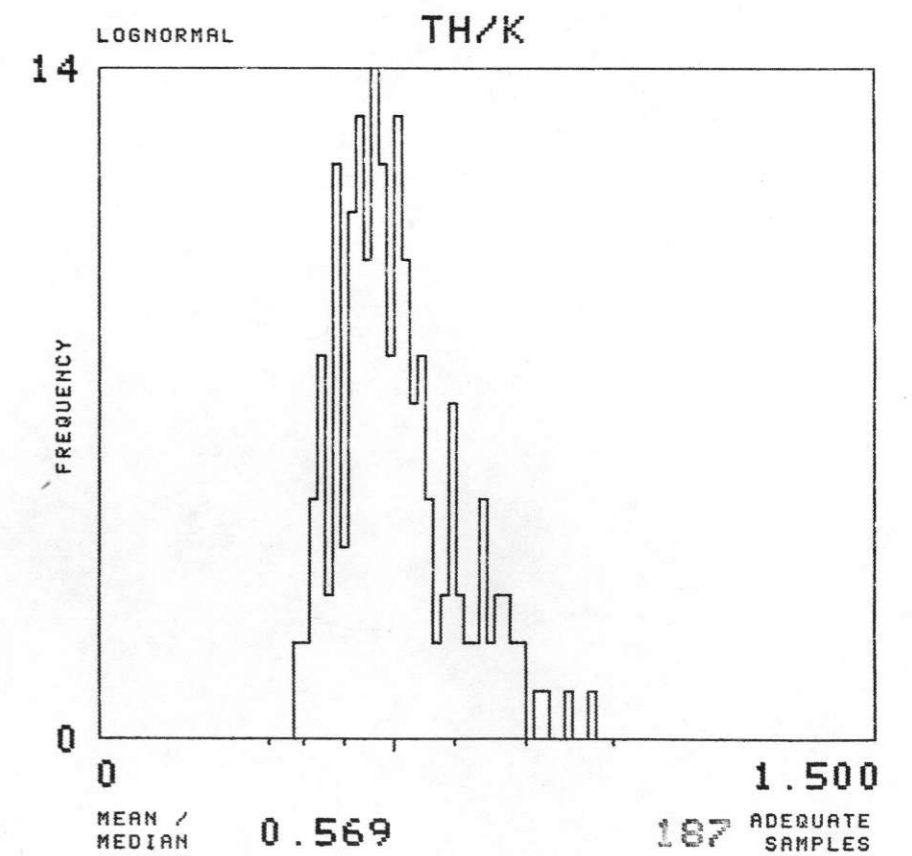
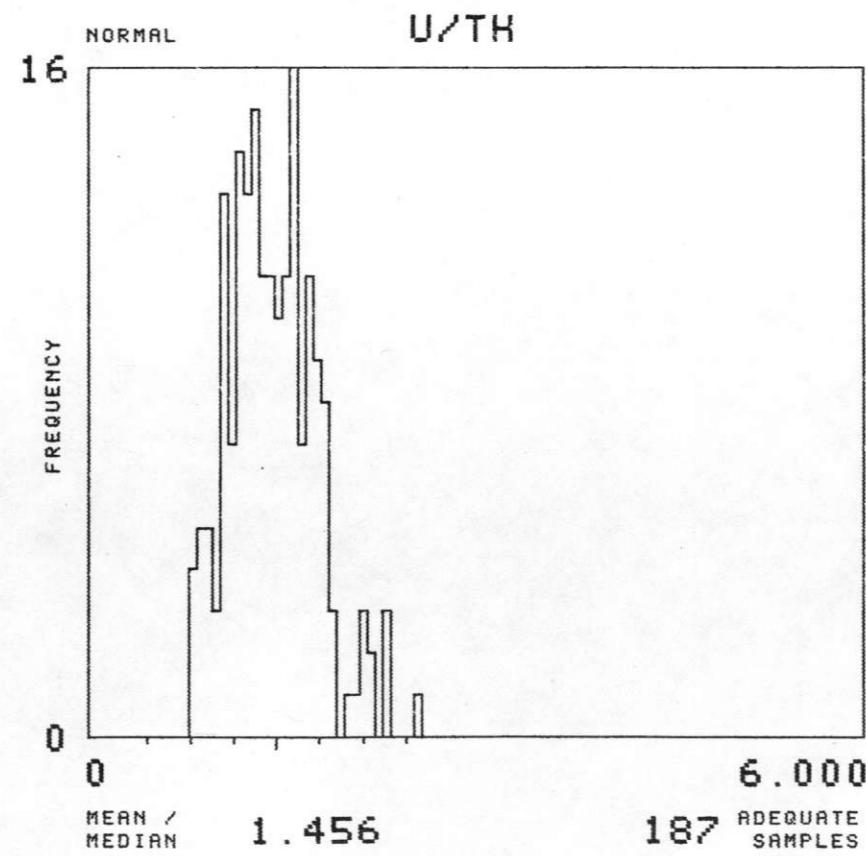
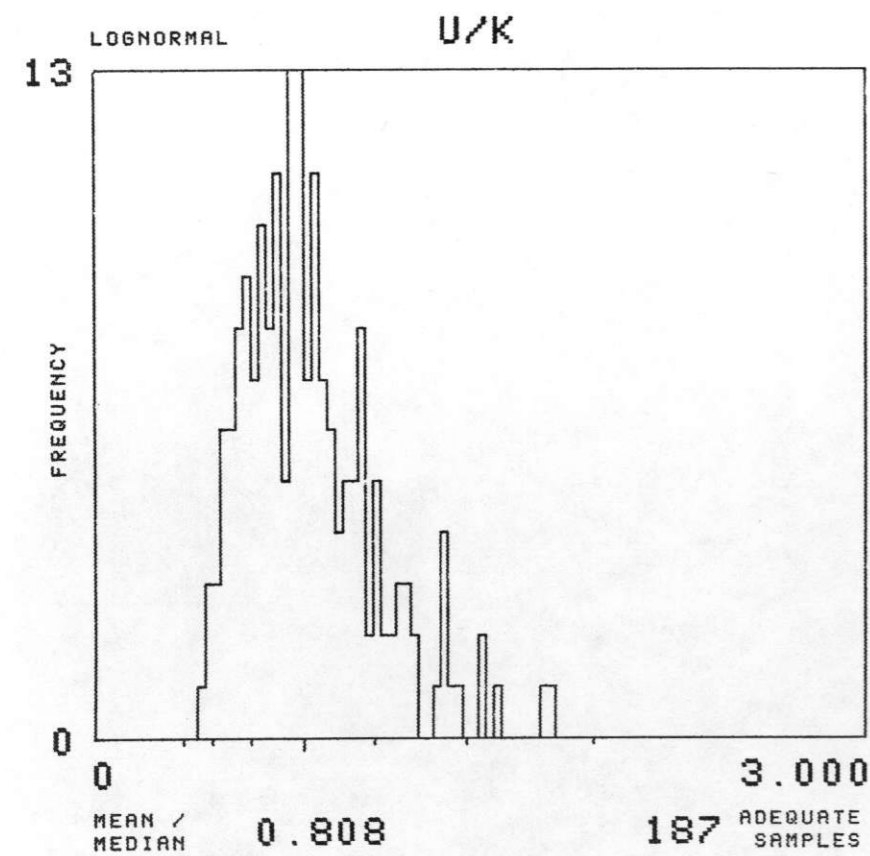
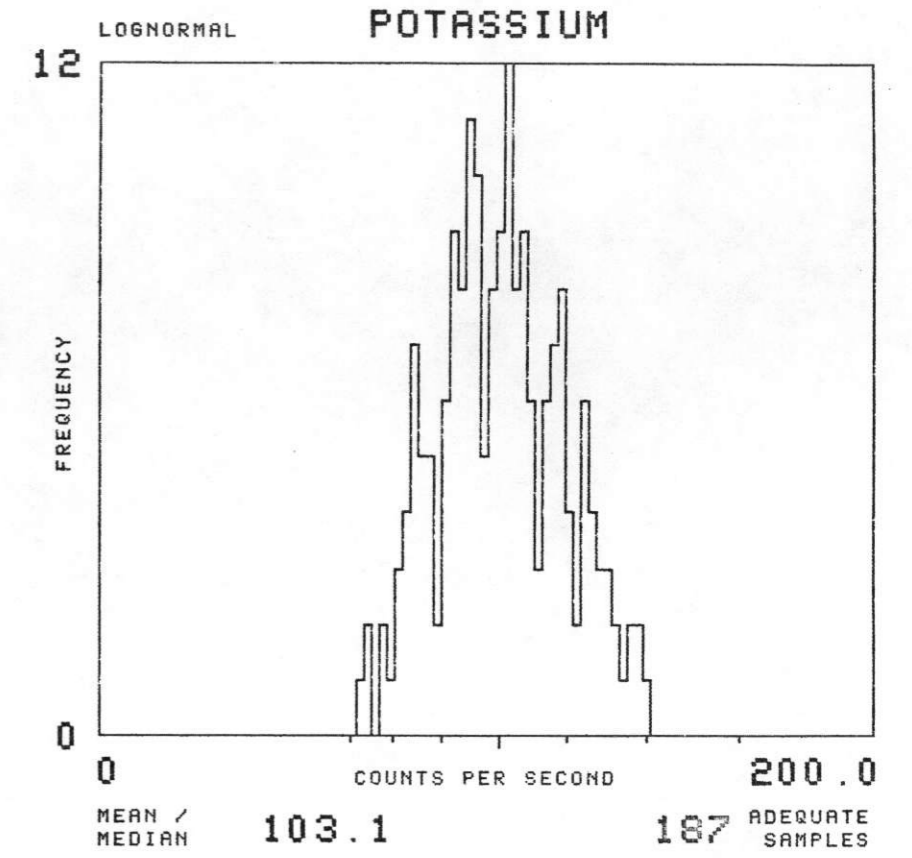
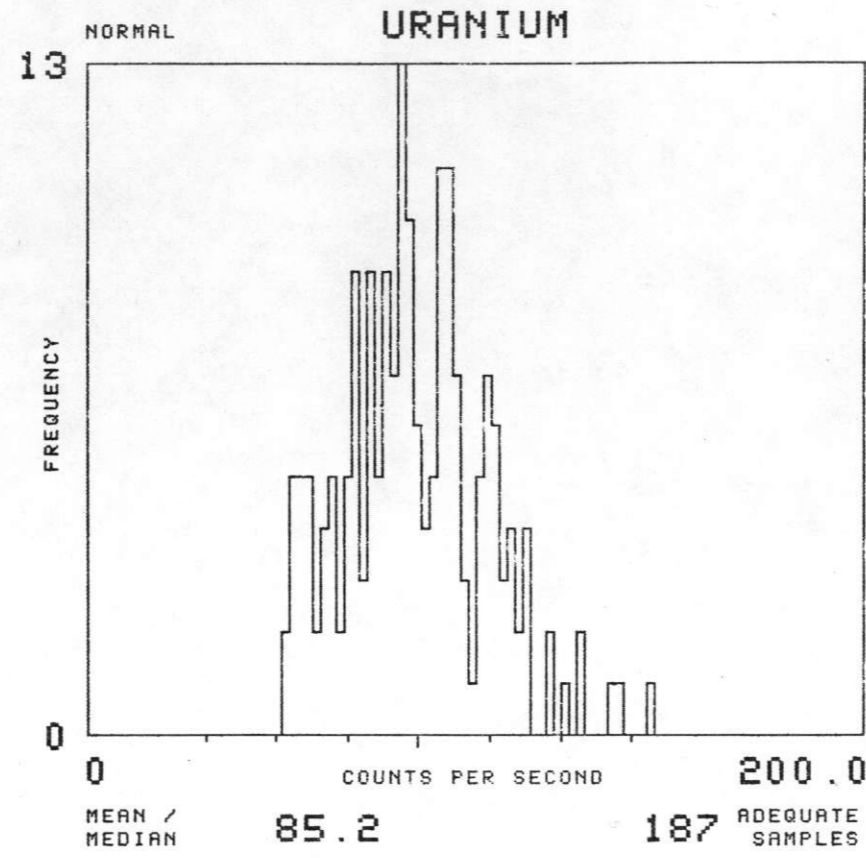
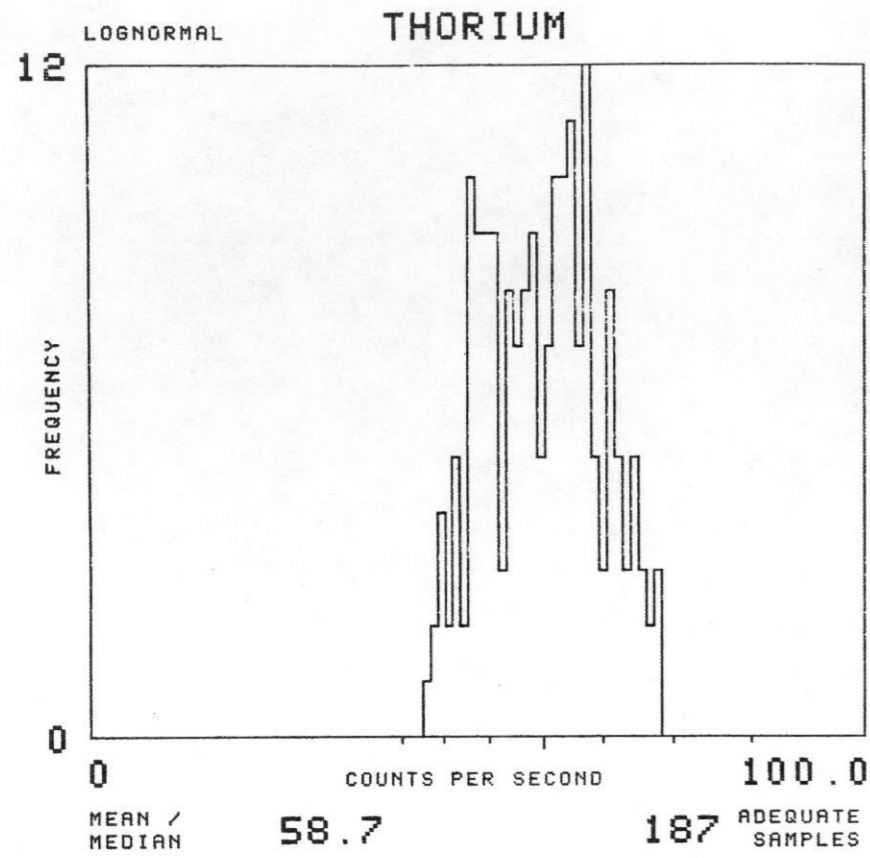


NTMS NK 14-12 LINCOLN

SOIL GROUP : WK

TOTAL NUMBER OF SAMPLES 187

EAST SALINA BASIN - GEOMETRICS 1977

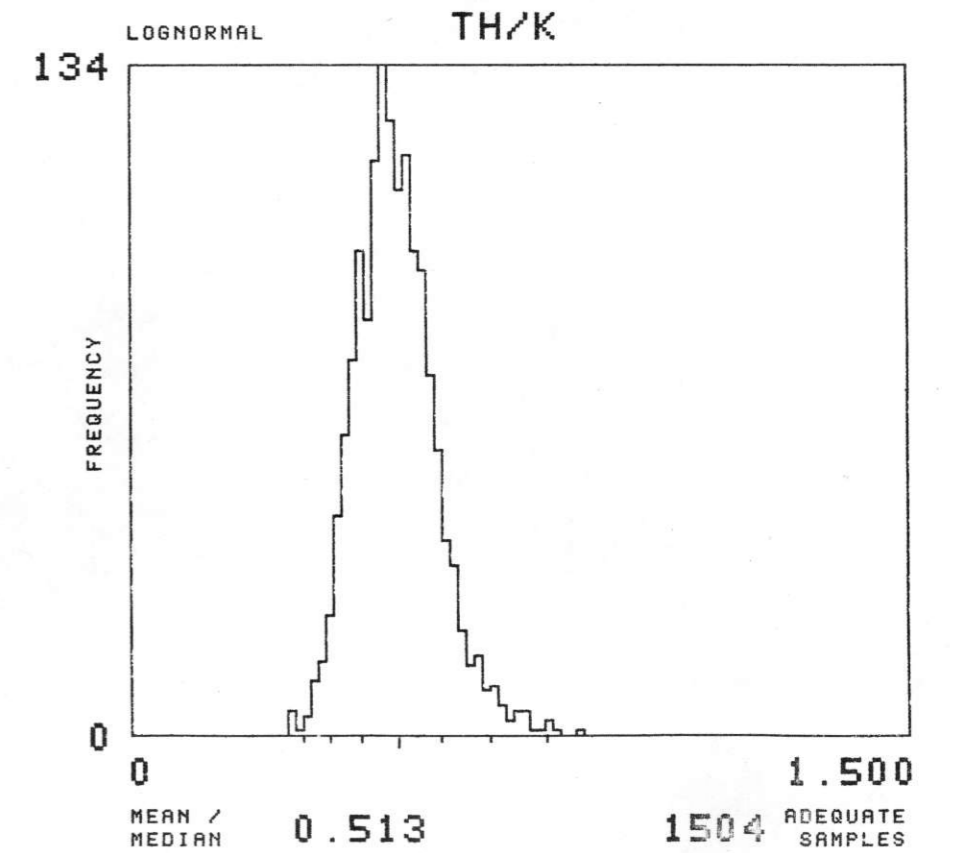
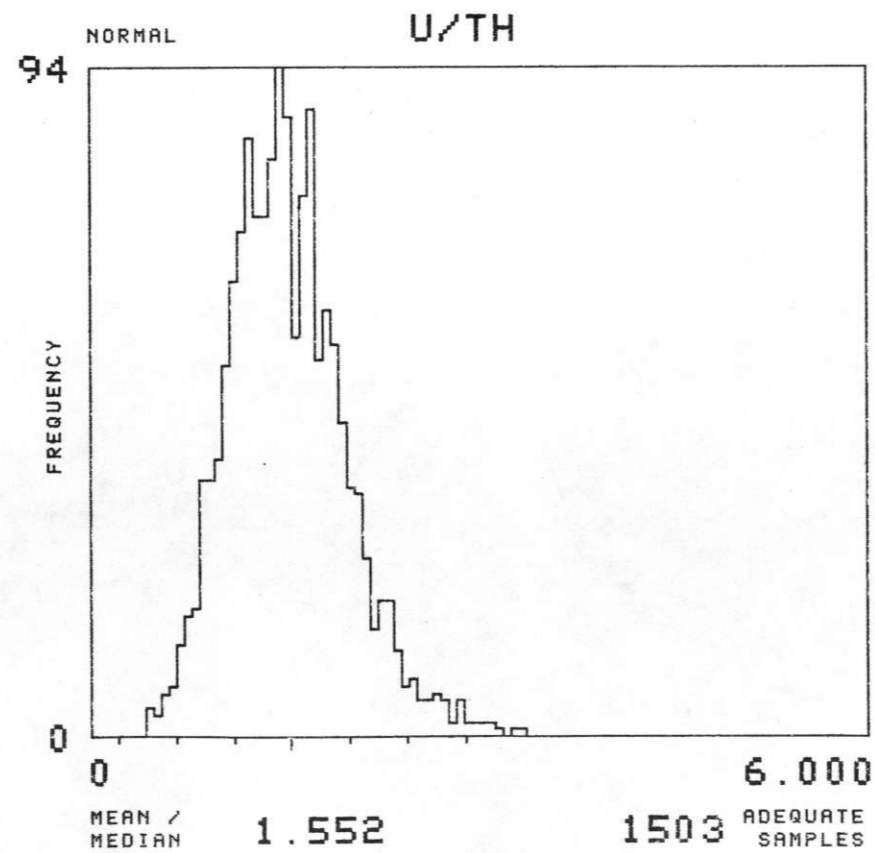
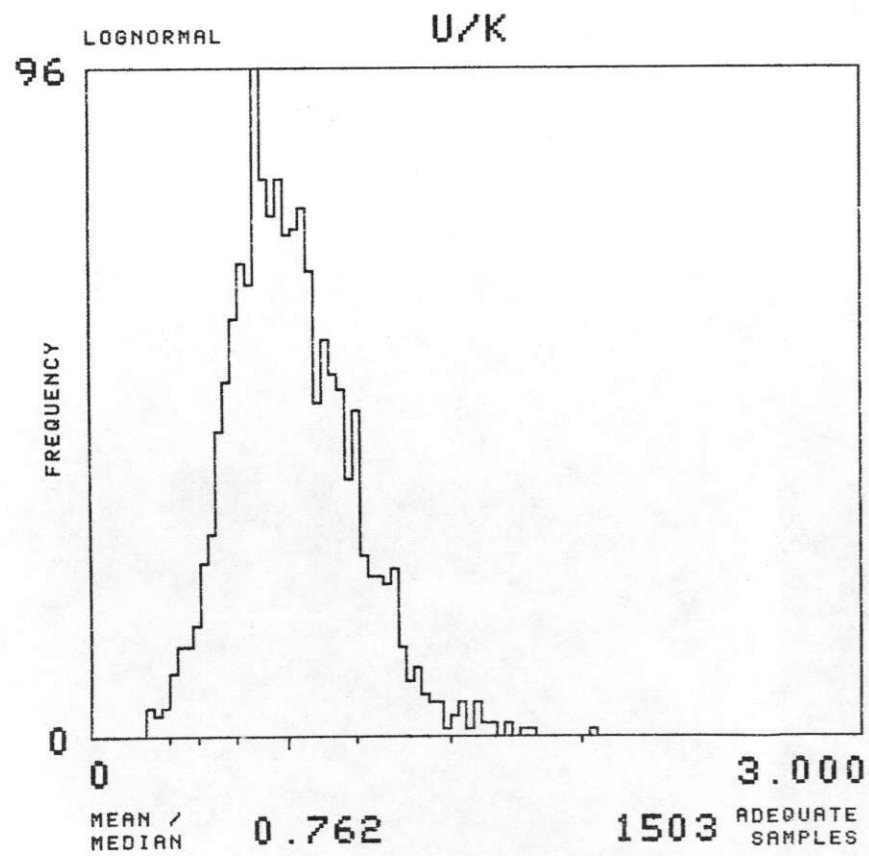
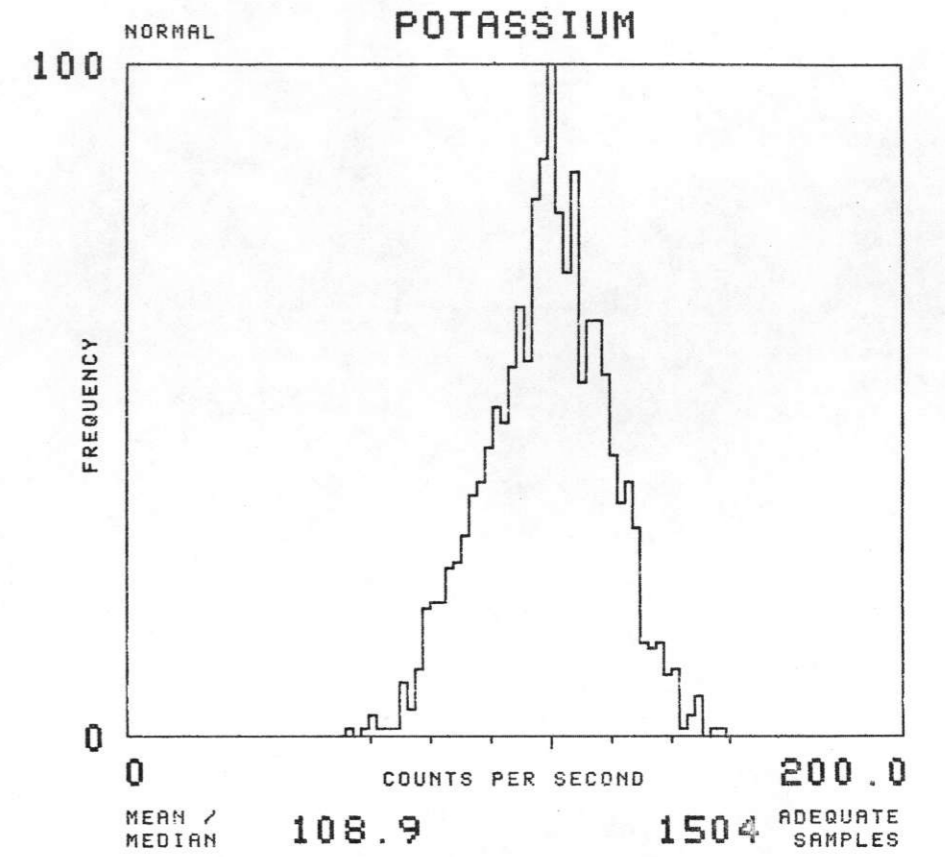
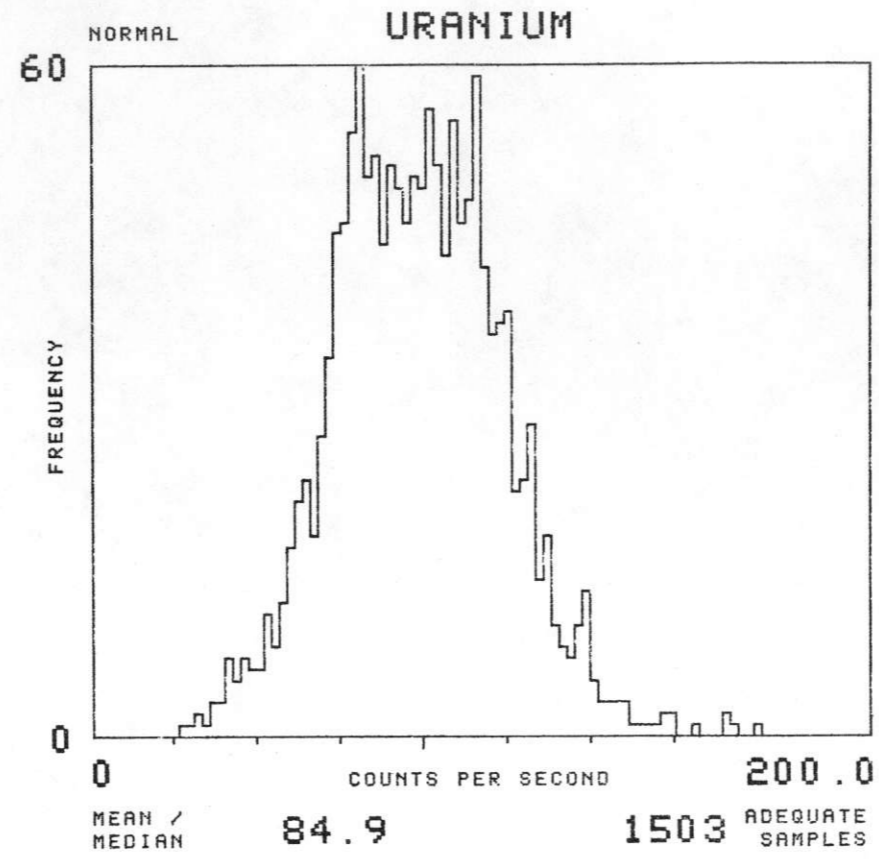
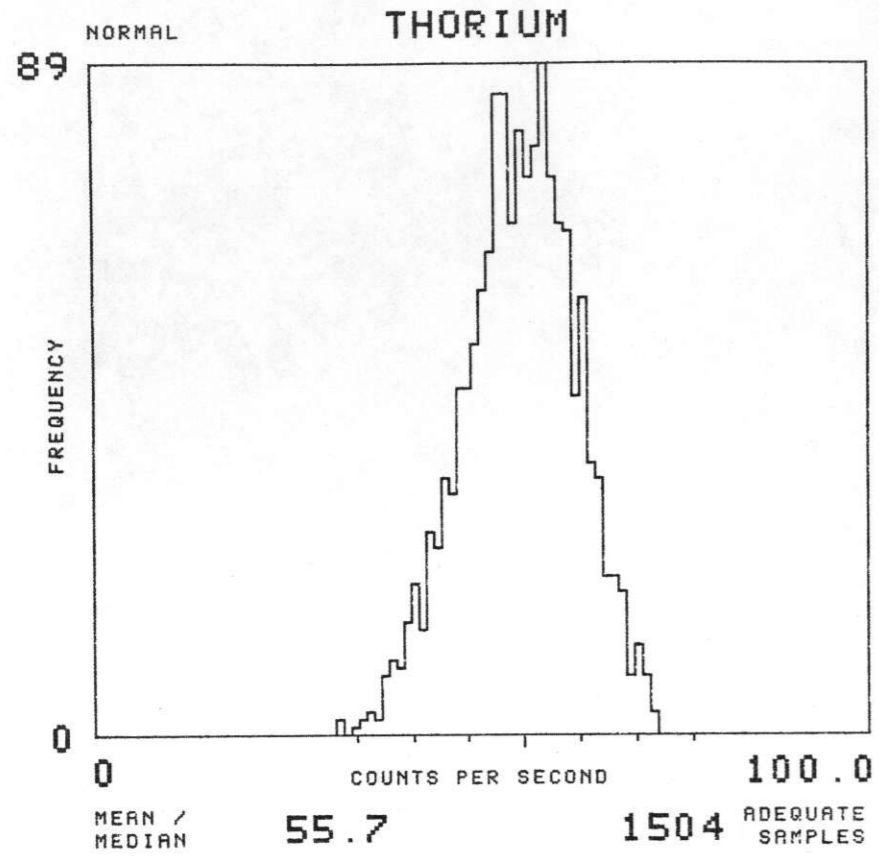


NTMS NK 14-12 LINCOLN

SOIL GROUP : WWBCS

TOTAL NUMBER OF SAMPLES 1504

EAST SALINA BASIN - GEOMETRICS 1977

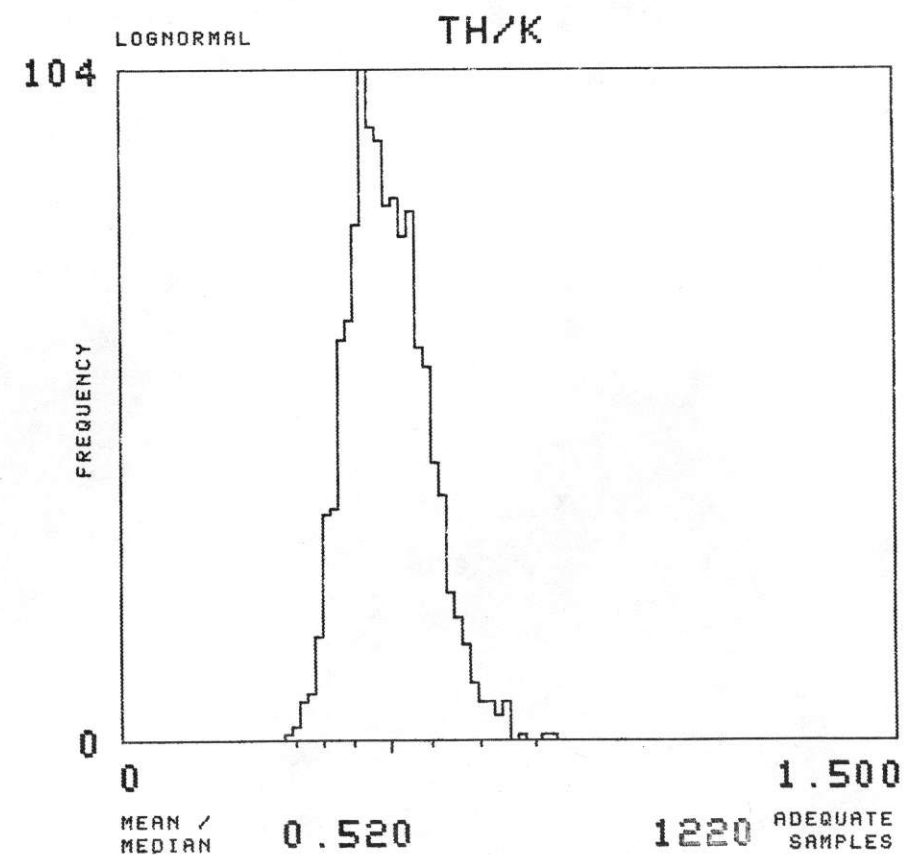
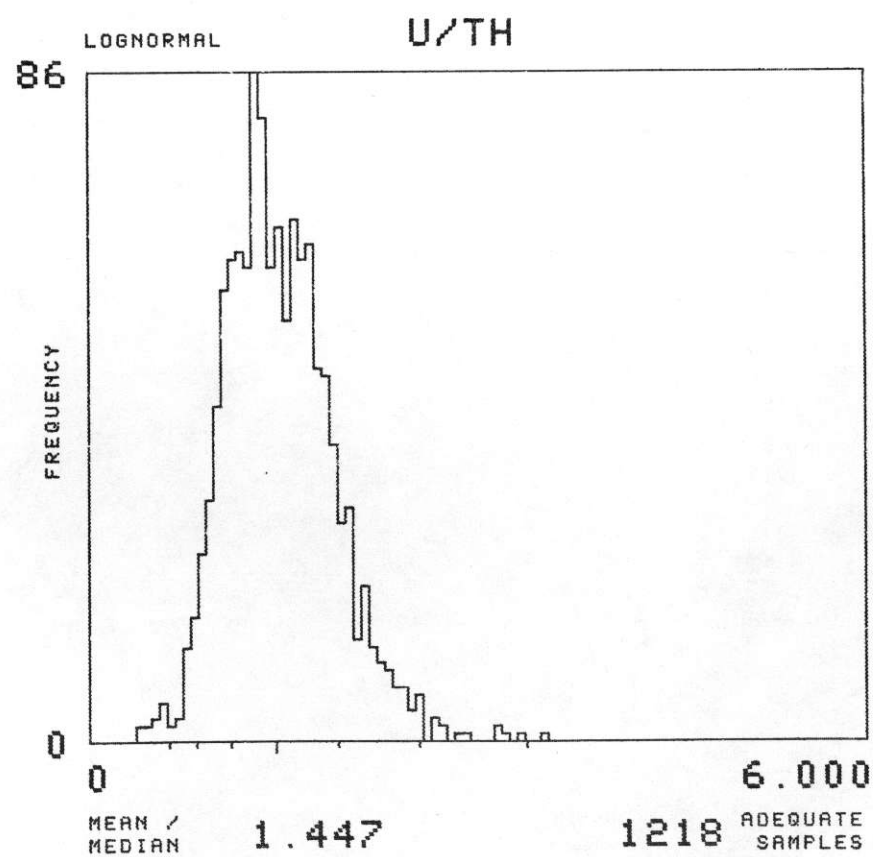
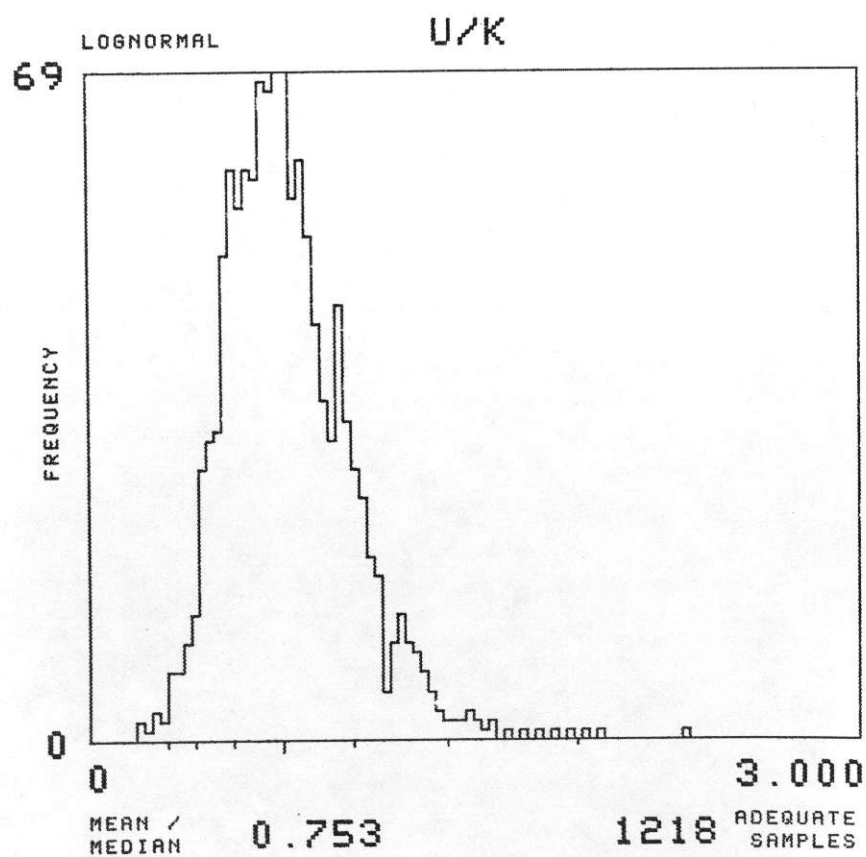
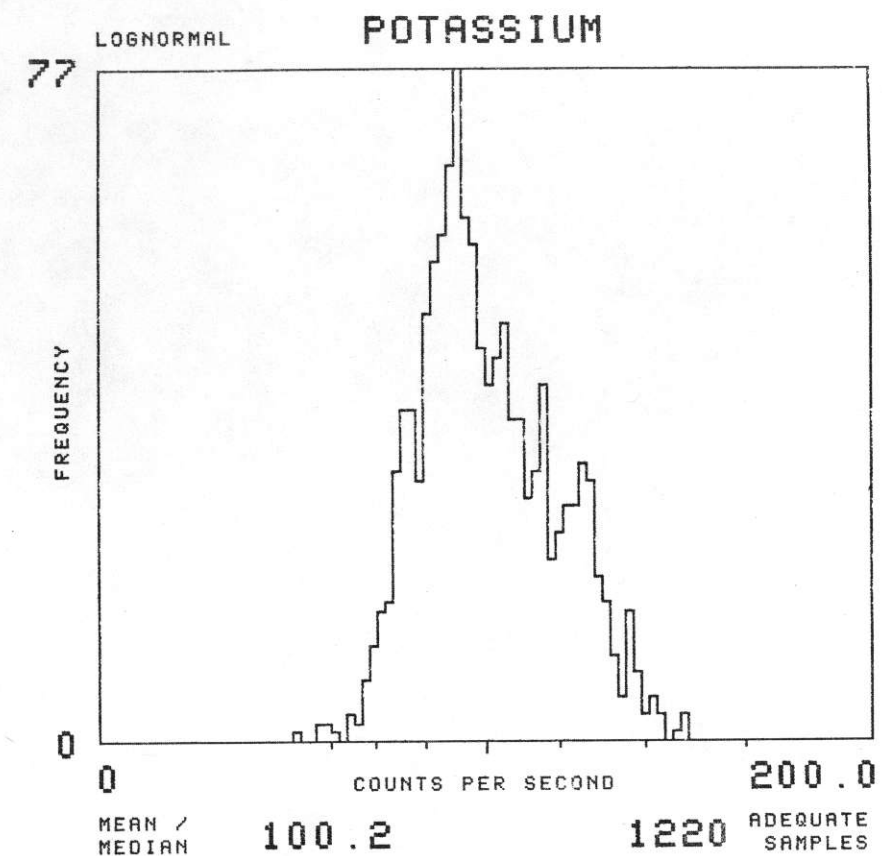
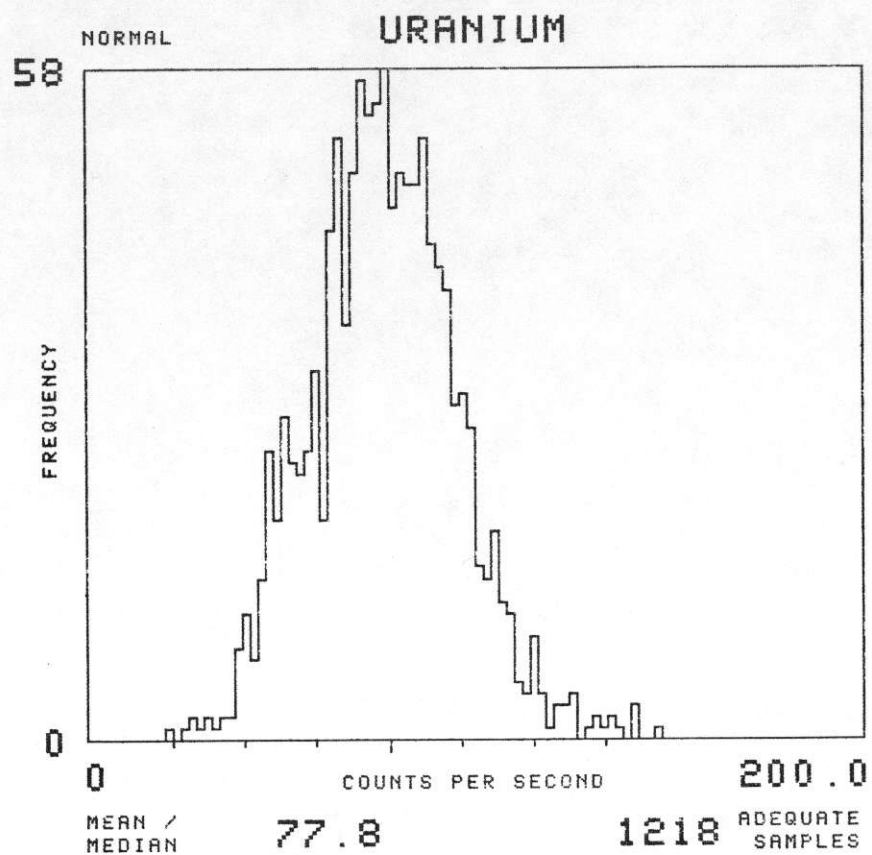
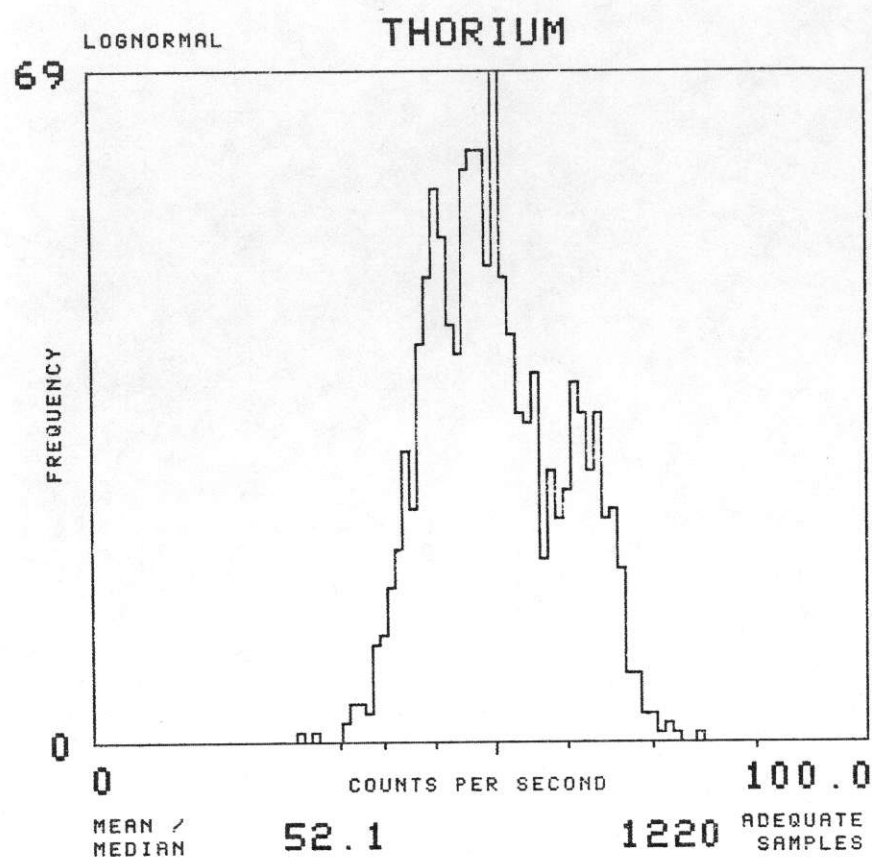


NTMS NK 14-12 LINCOLN

SOIL GROUP : WWBHL

TOTAL NUMBER OF SAMPLES 1220

EAST SALINA BASIN - GEOMETRICS 1977

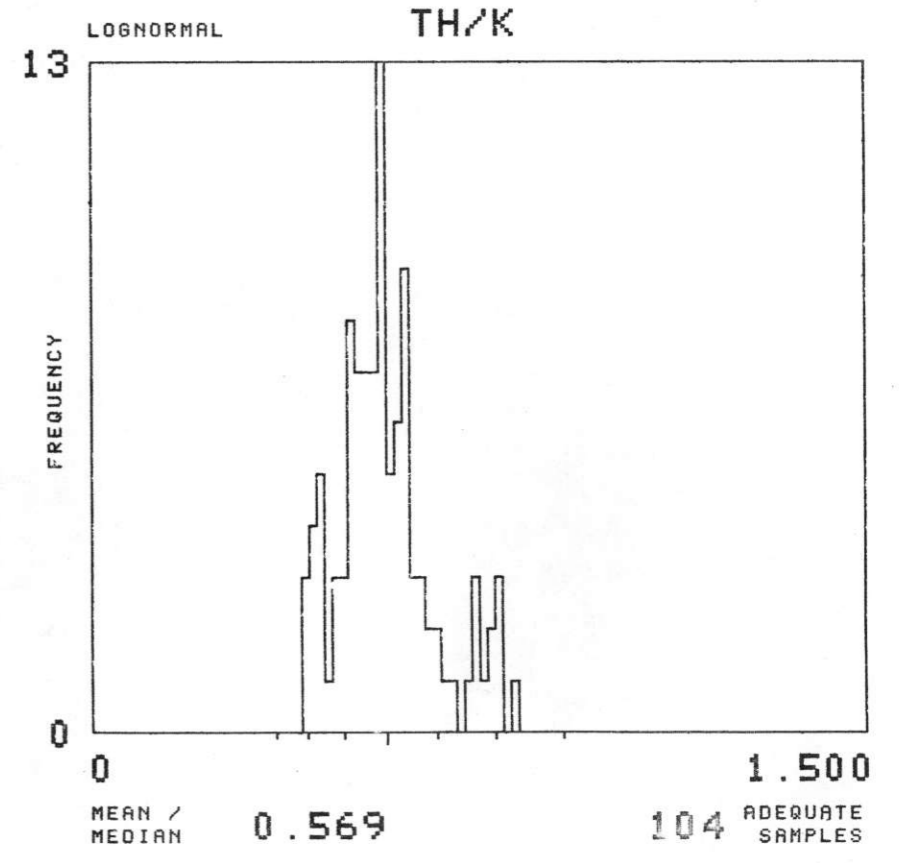
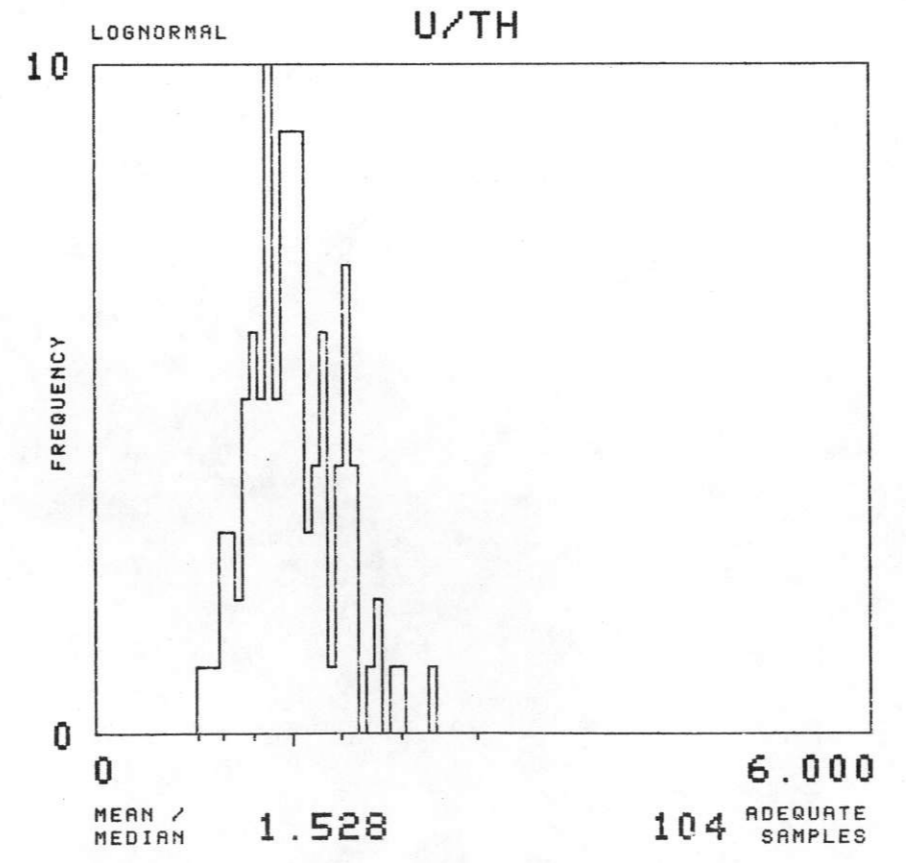
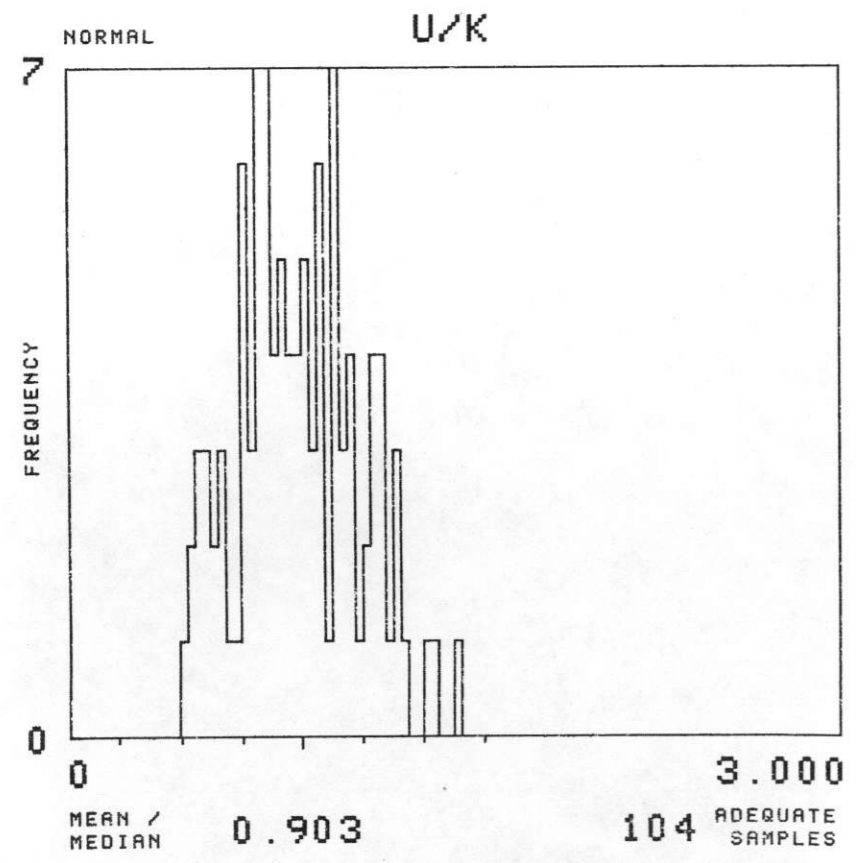
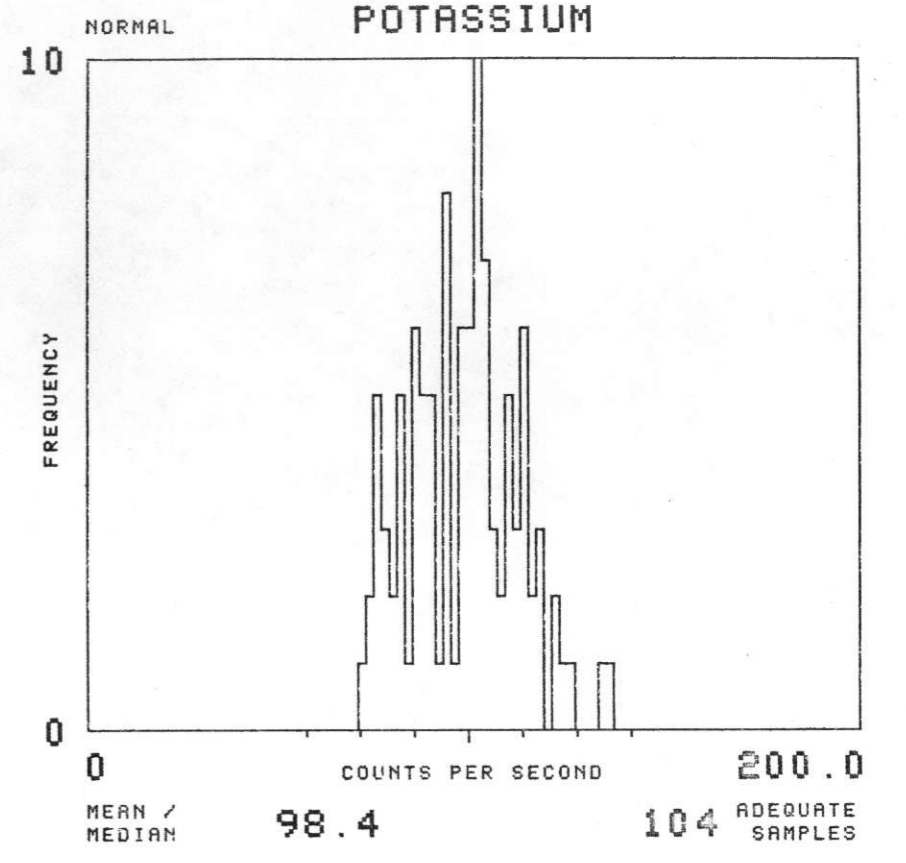
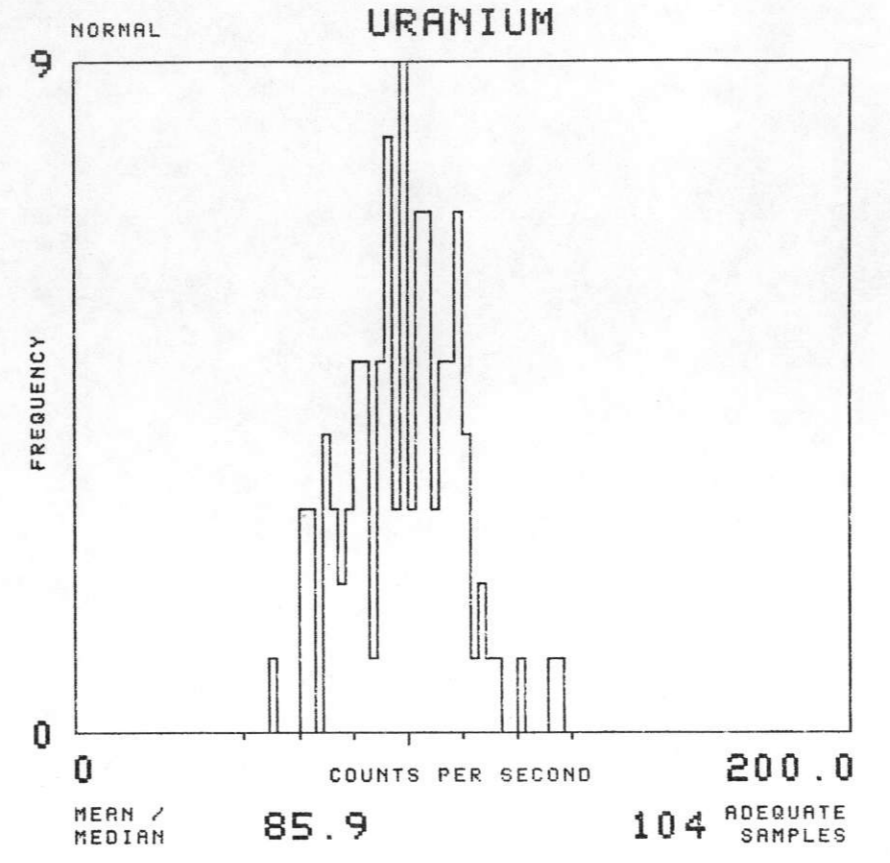
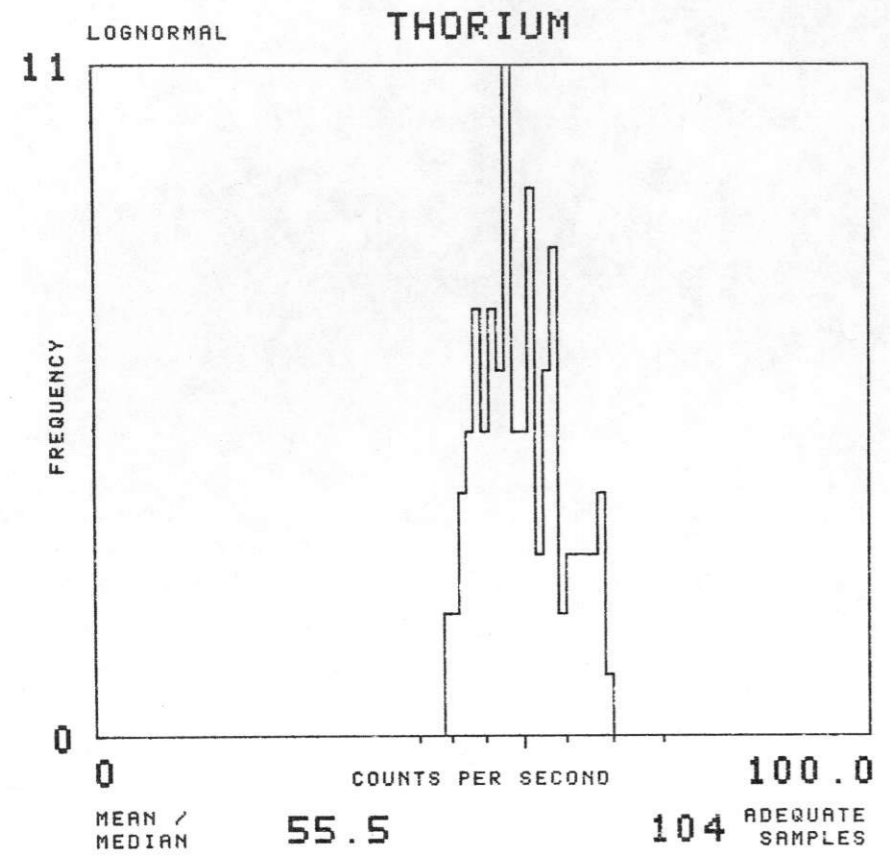


NTMS NK 14-12 LINCOLN

SOIL GROUP : WWBS

TOTAL NUMBER OF SAMPLES 104

EAST SALINA BASIN - GEOMETRICS 1977



NTMS NK 14-12 LINCOLN

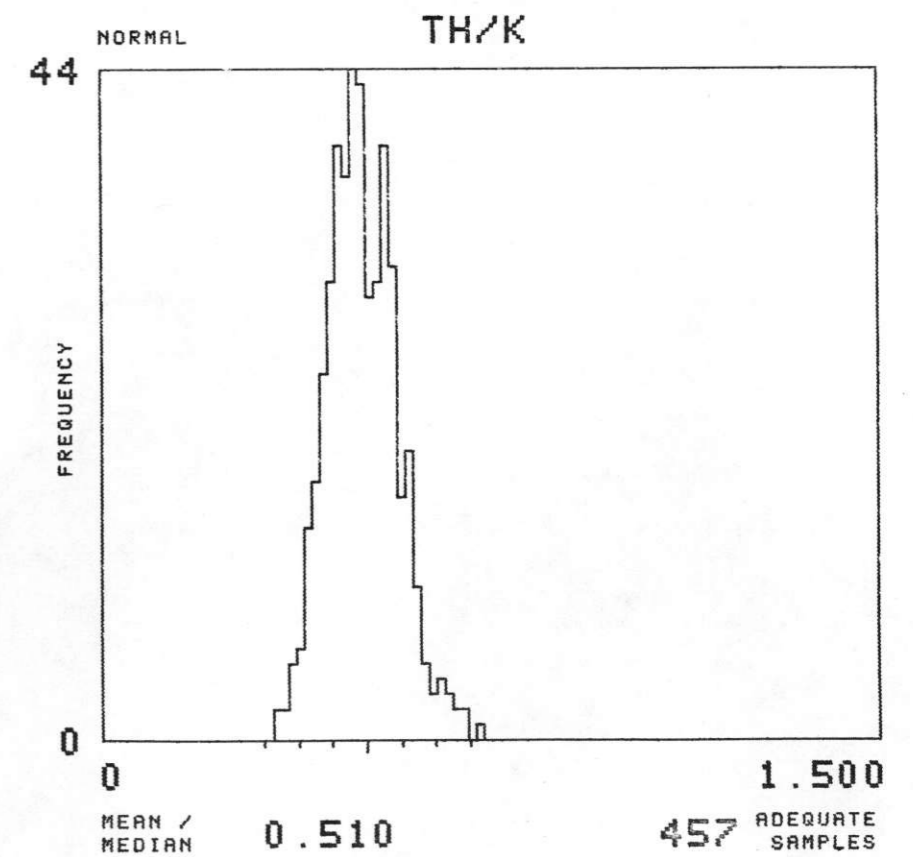
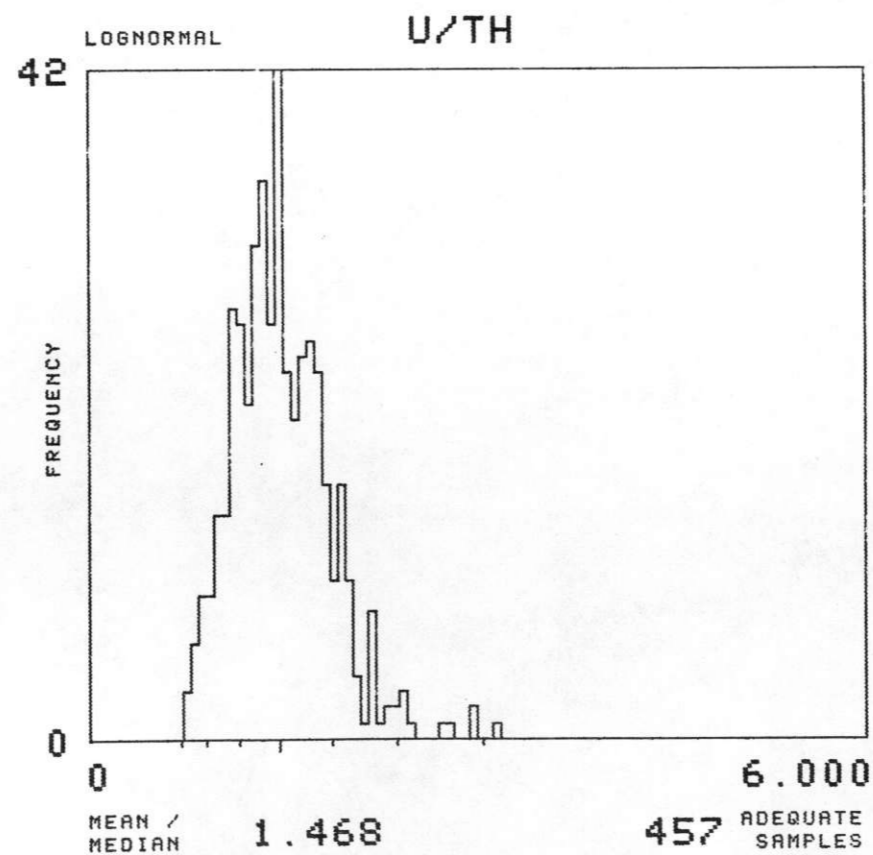
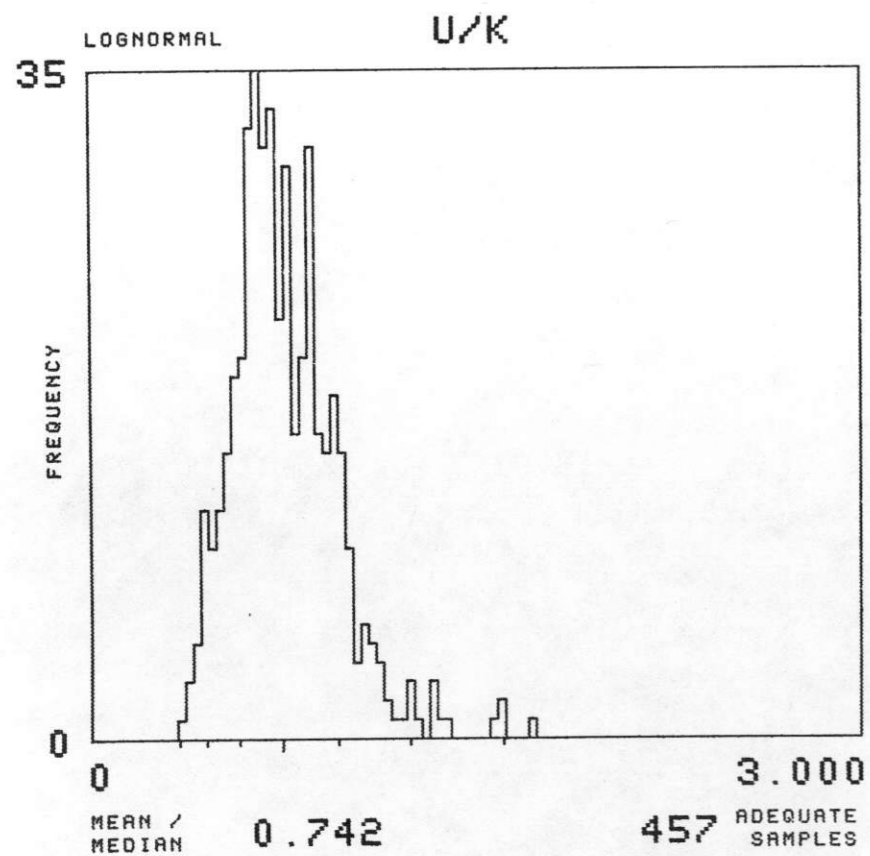
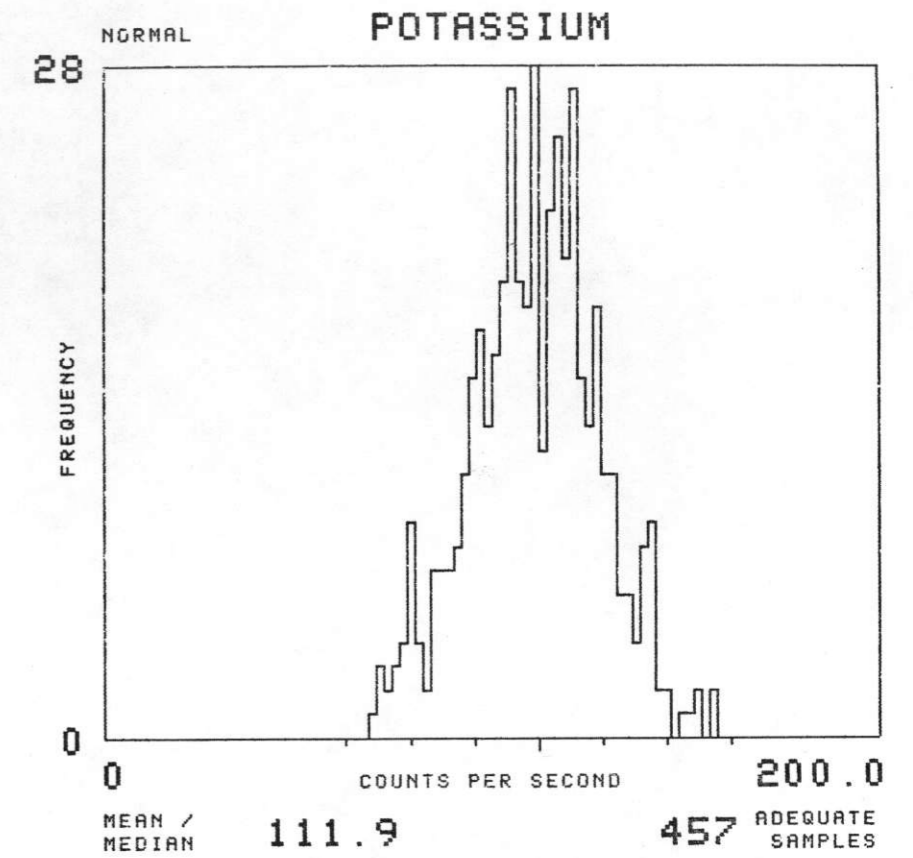
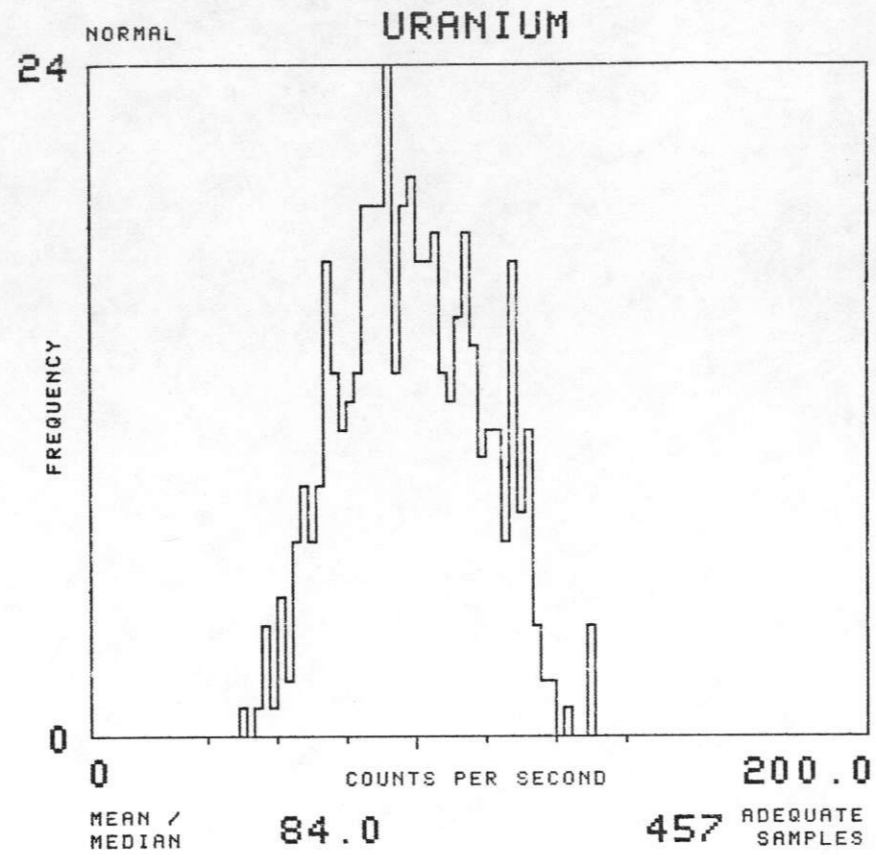
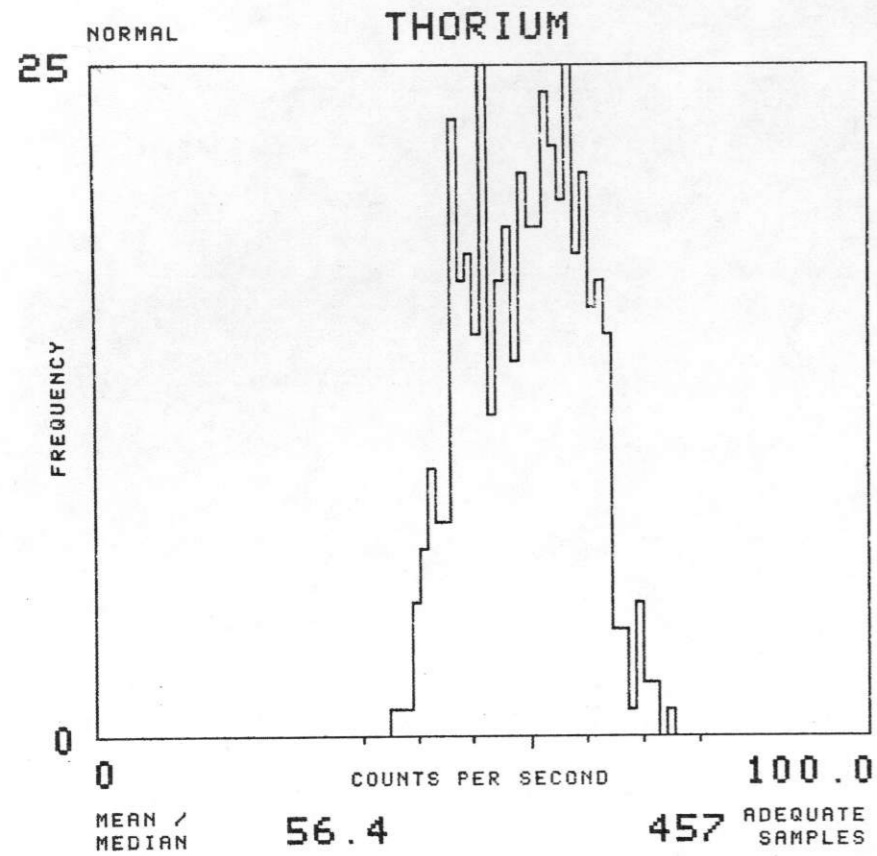
SOIL GROUP : WWBSA

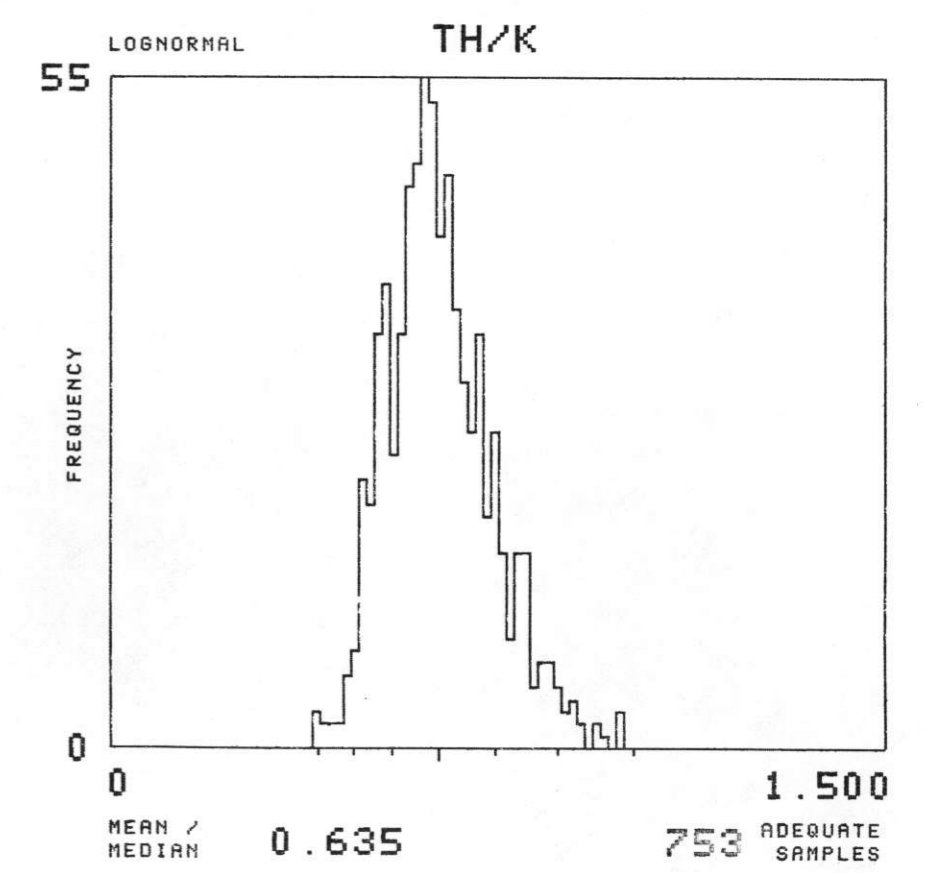
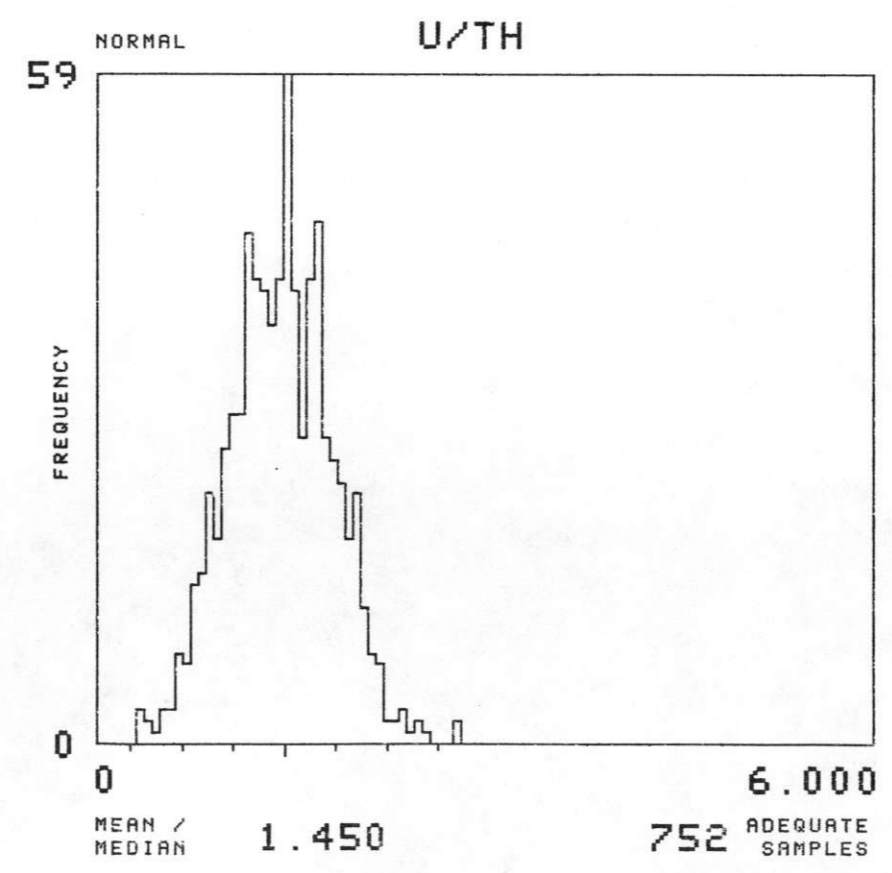
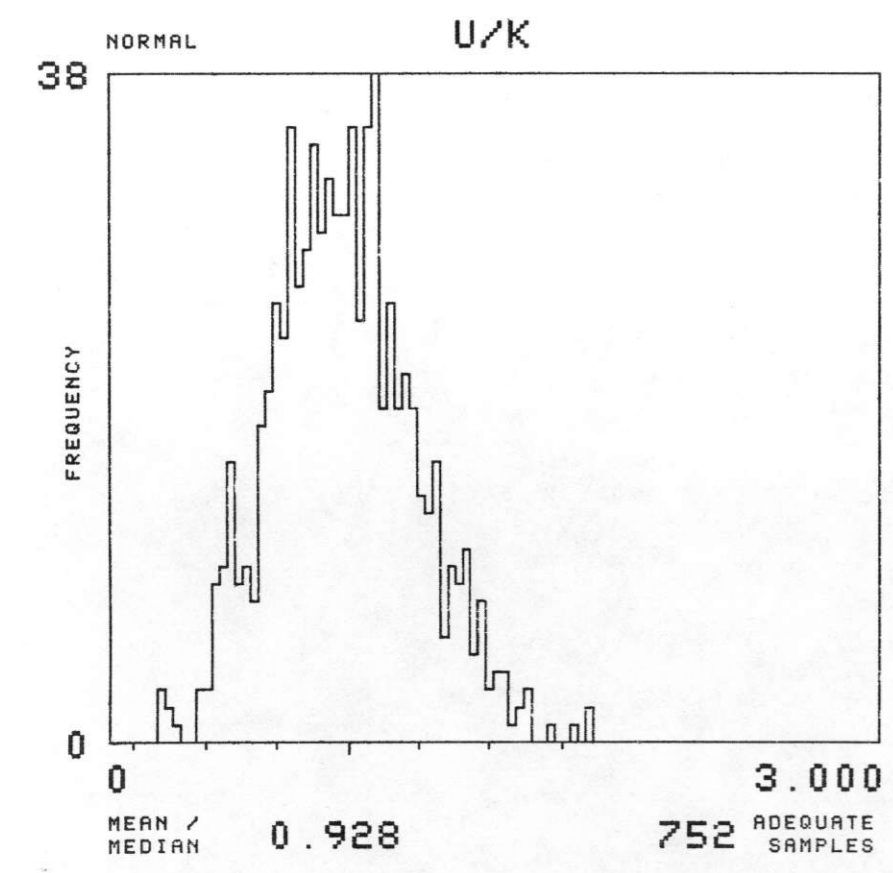
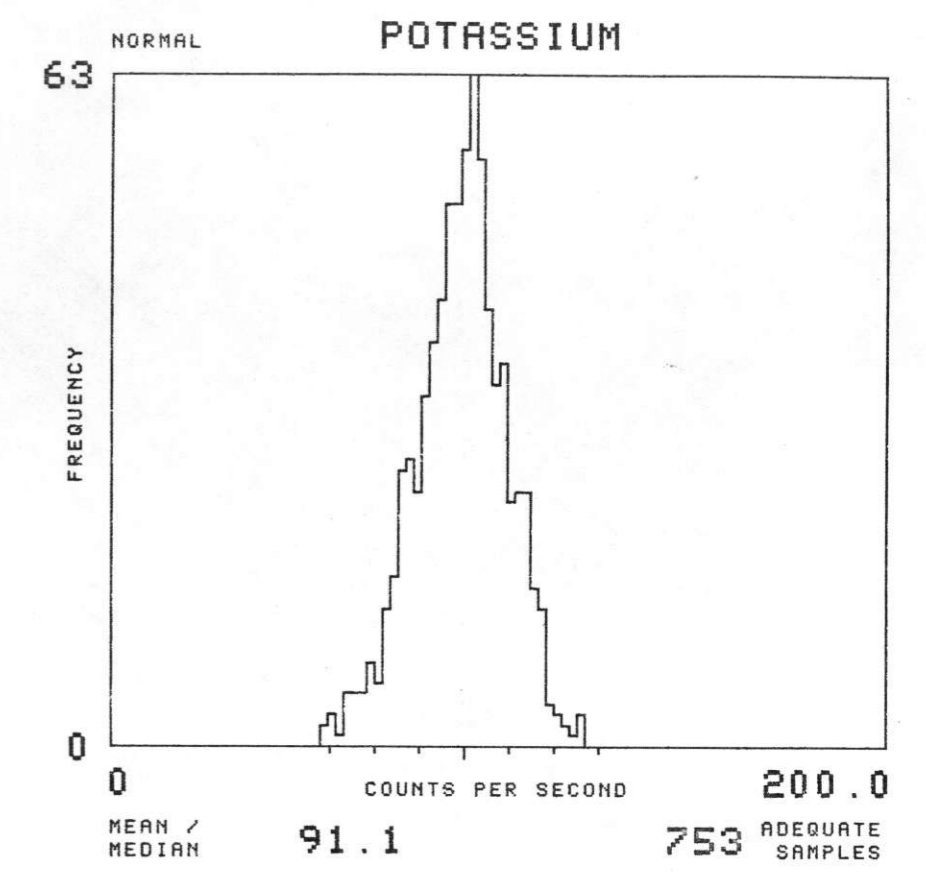
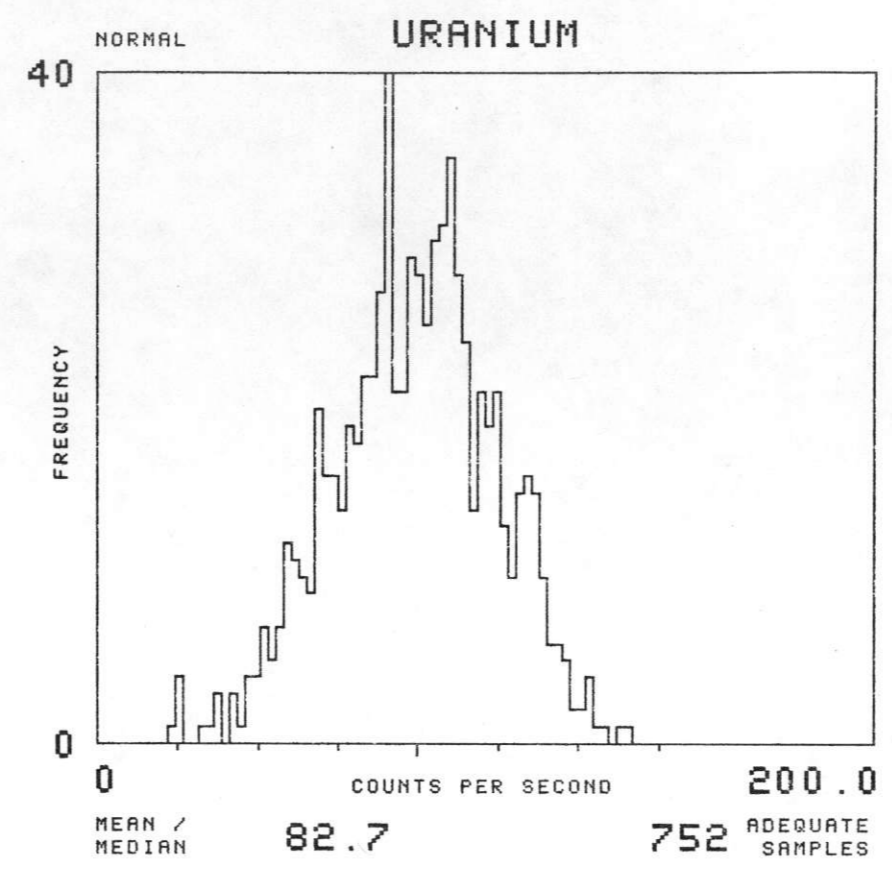
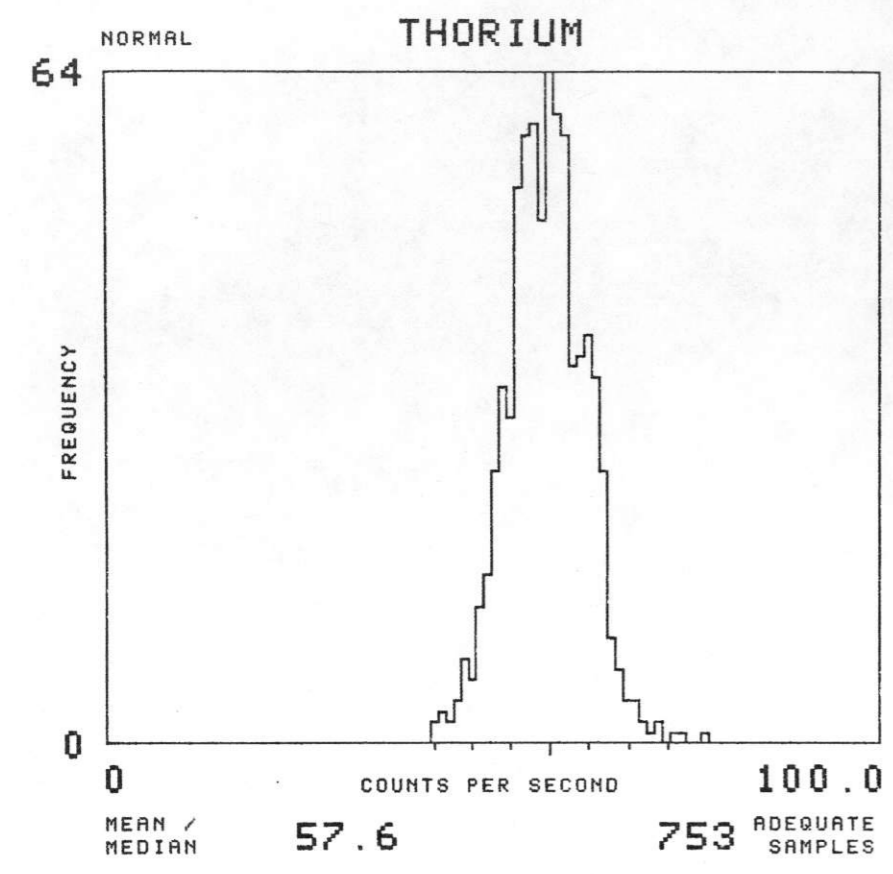
TOTAL NUMBER OF SAMPLES

457

EAST SALINA BASIN - GEOMETRICS

1977





NTMS NK 14-12 LINCOLN

SOIL GROUP : WYPA TOTAL NUMBER OF SAMPLES 2417

EAST SALINA BASIN - GEOMETRICS 1977

