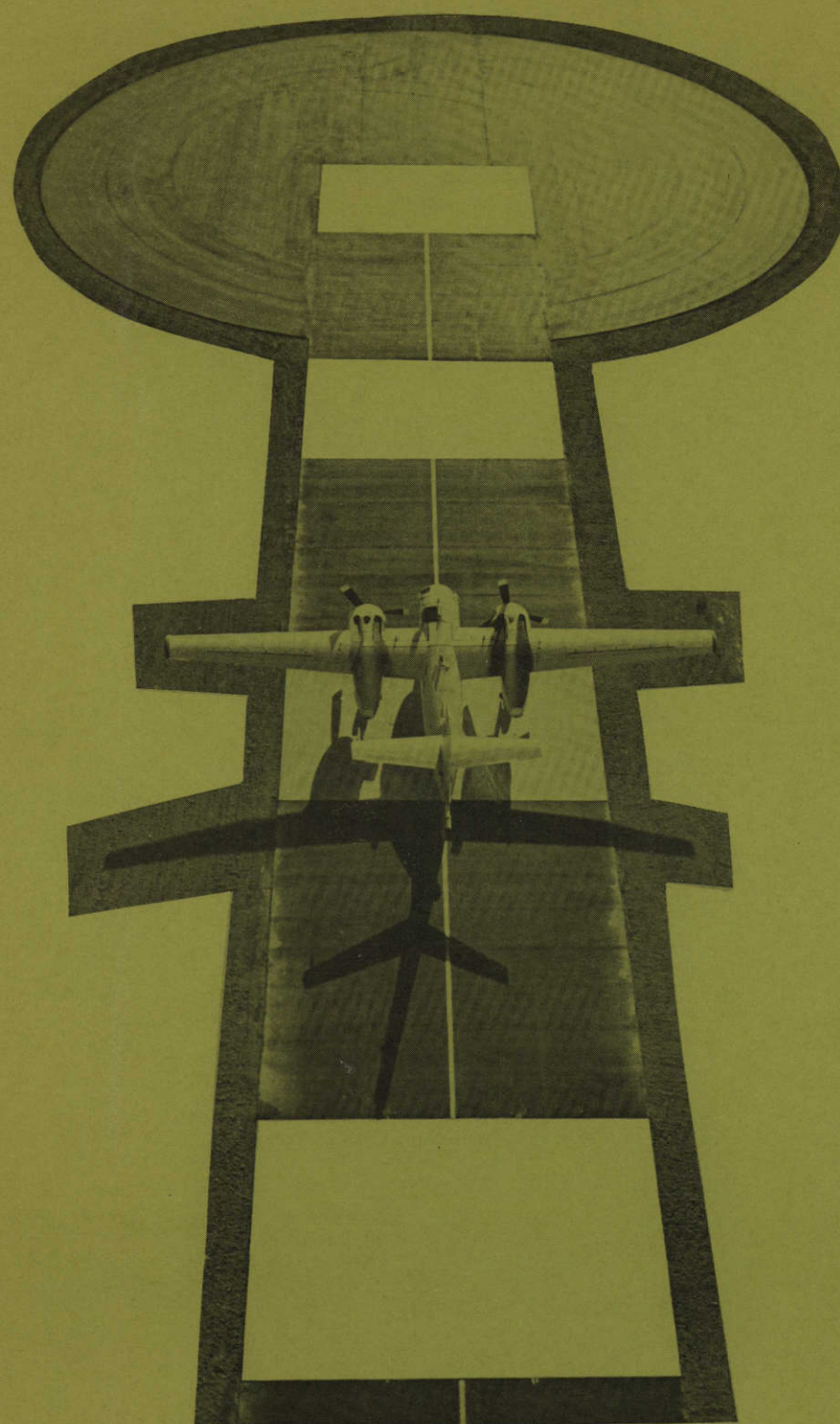



Geology  
GJBX-(78)-20  
GEOLOGY

GJBX - 20 (78)

AERIAL GAMMA RAY AND MAGNETIC SURVEY  
FREMONT QUADRANGLE, NEBRASKA, IOWA

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

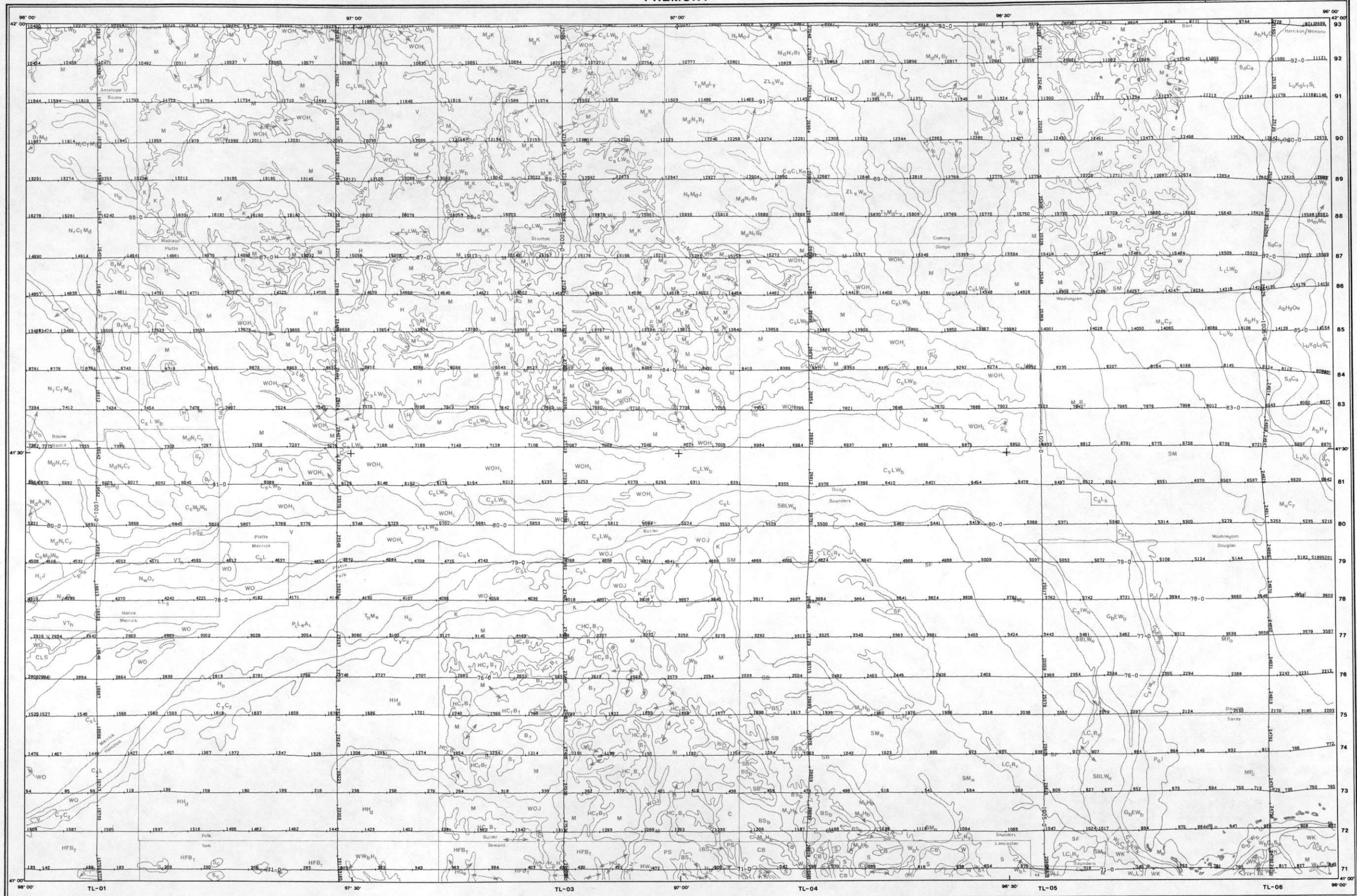
Prepared for the  
Department of Energy  
Grand Junction Office  
Grand Junction, Colorado 81501

metadc958247

DISCLAIMER STATEMENT

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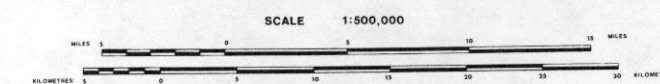
FREMONT



96° 00' 97° 00' 98° 00' 99° 00' 100° 00'

42° 00' 41° 30' 41° 00'

TL-01 TL-03 TL-04 TL-05 TL-06



FLIGHT LINE SPACING ..... 3.125 MILES(S)

FLIGHT ALTITUDE ..... 400 FEET AMT

FLOWN AND COMPILED ..... 1977

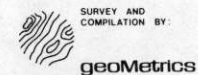
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NEBRASKA	NEBRASKA	NEBRASKA	NEBRASKA	NEBRASKA
NK 14-10	NK 14-11	NK 14-12	NK 15-10	NK 15-11
NEBRASKA	NEBRASKA	NEBRASKA	NEBRASKA	NEBRASKA
NJ 14-1	NJ 14-2	NJ 14-3	NJ 15-1	NJ 15-2
MISSOURI	MISSOURI	MISSOURI	MISSOURI	MISSOURI
NJ 14-4	NJ 14-5	NJ 14-6	NJ 15-4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

LOCATION INDEX

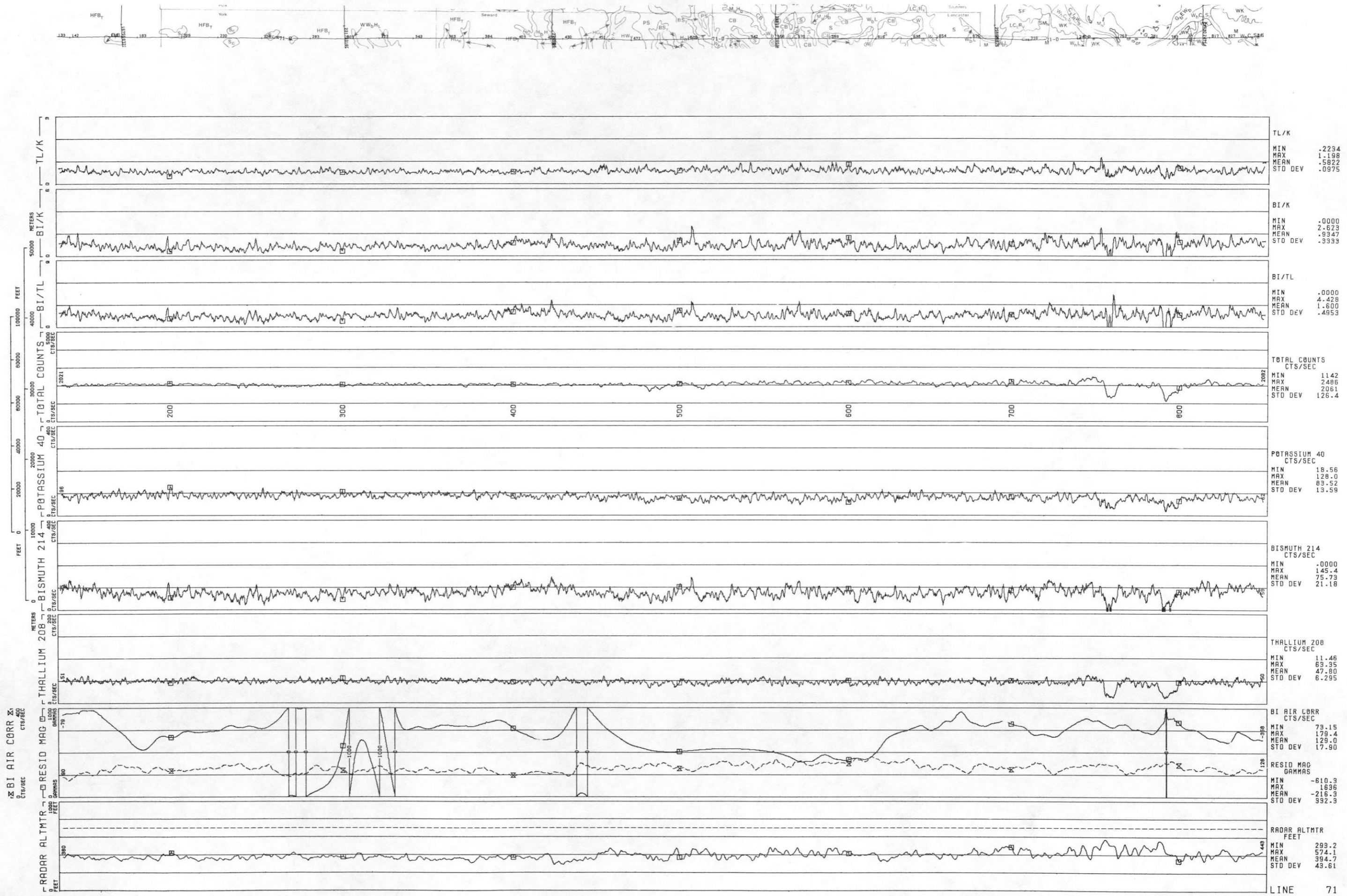
FLIGHT PATH RECOVERY

EAST SALINA BASIN AREA

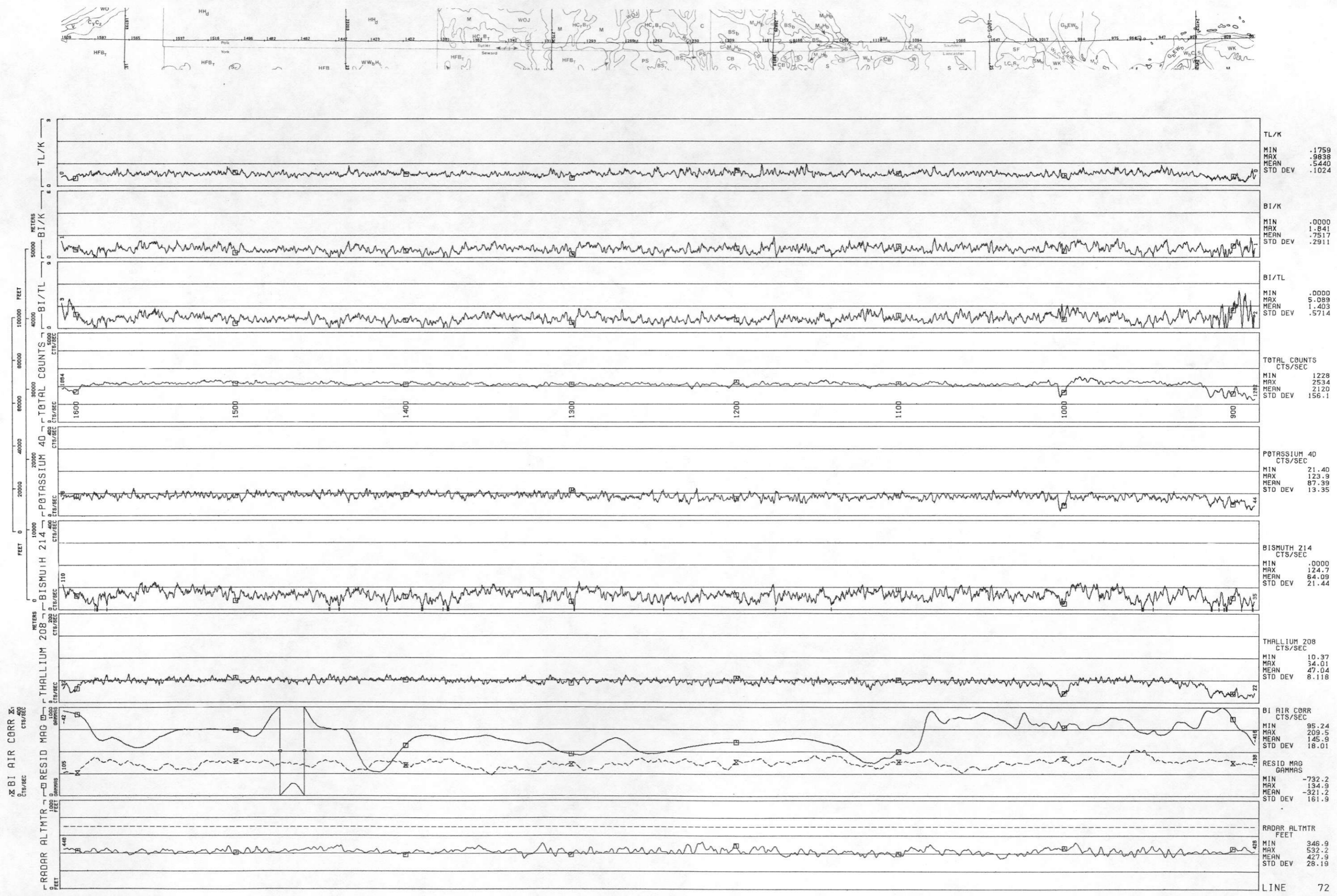
U. S. DEPARTMENT OF ENERGY



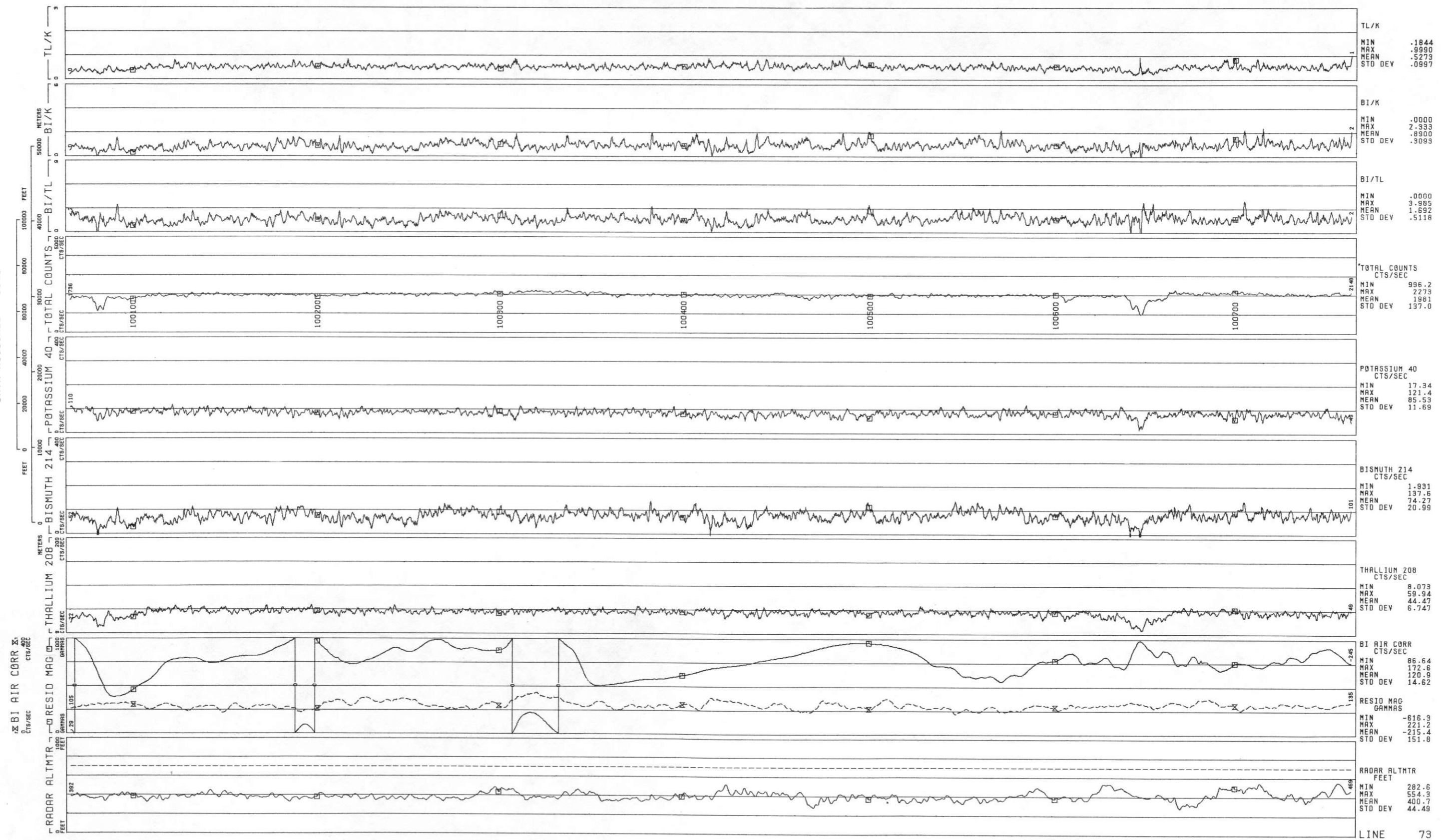
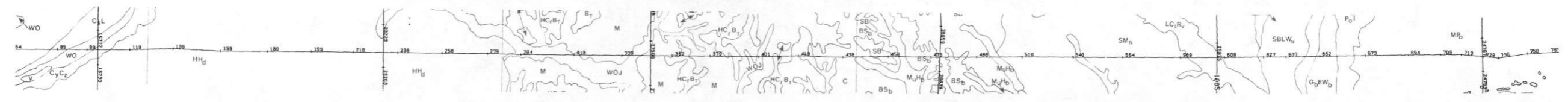
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EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976



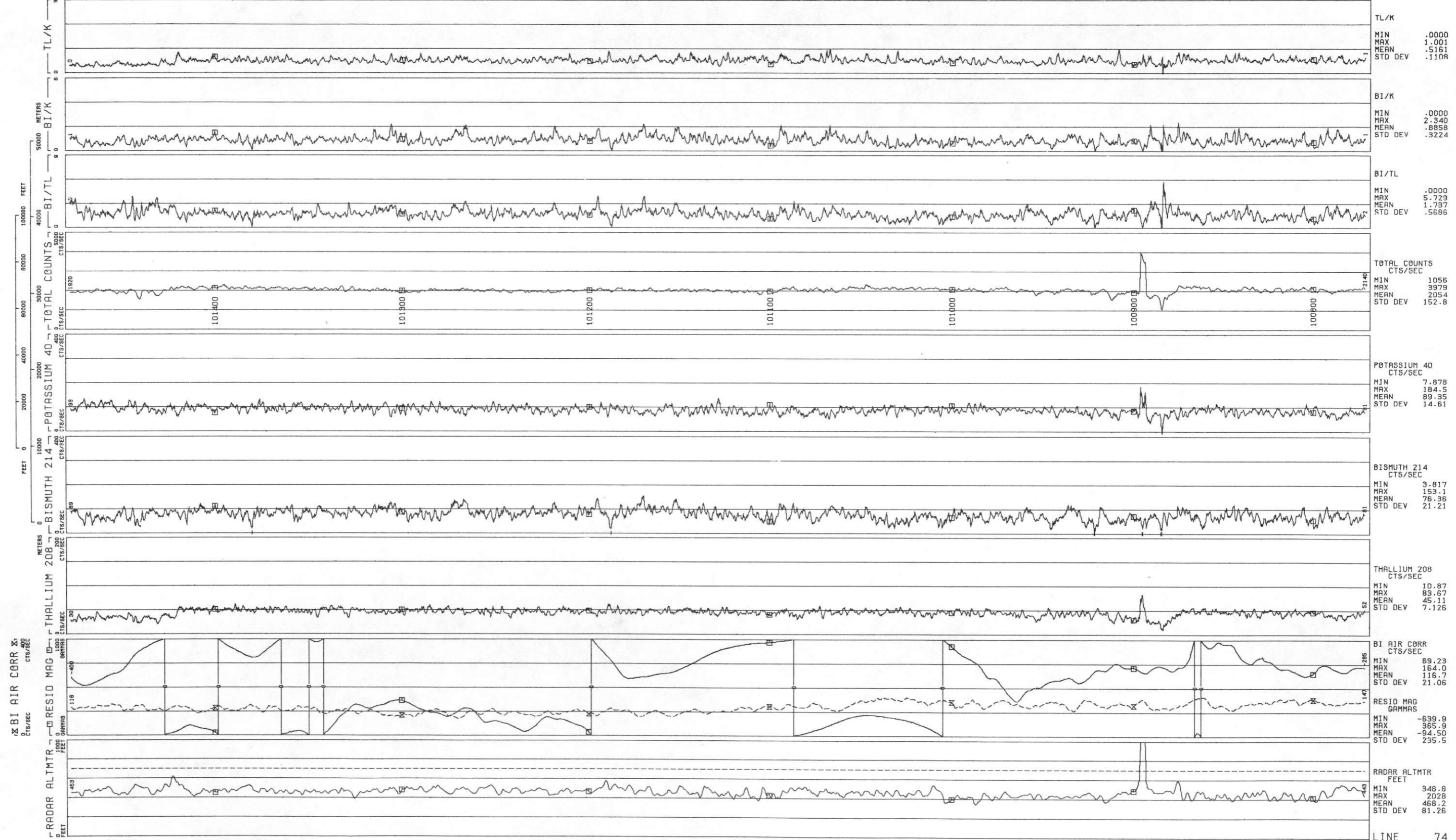
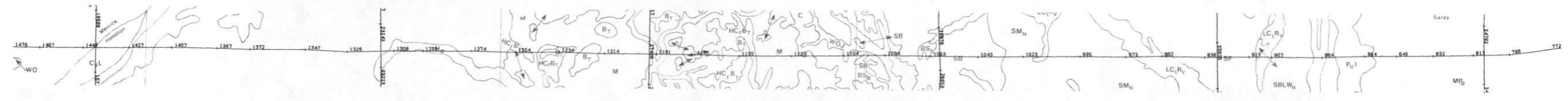
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EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976



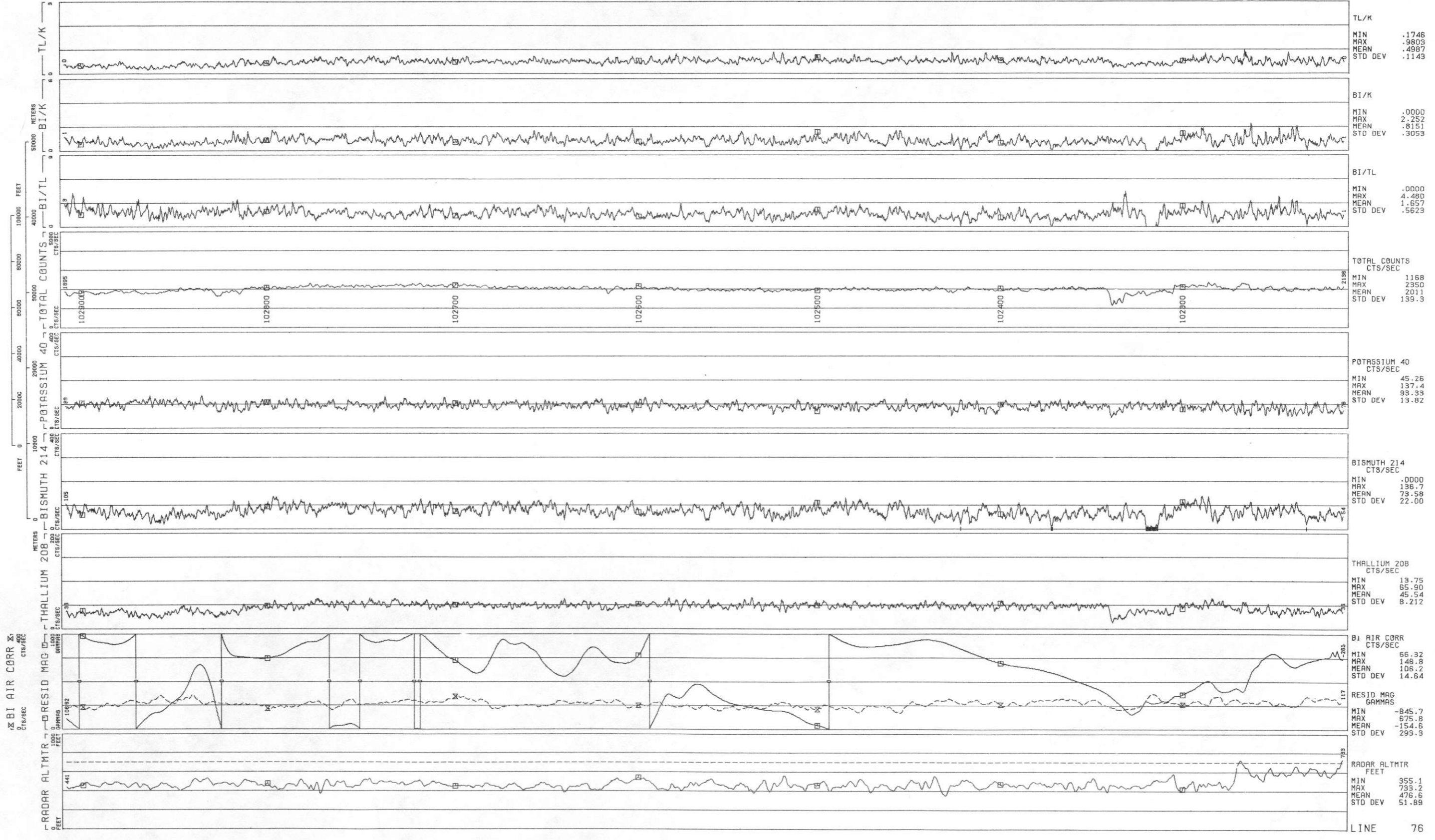
LINE 73  
EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976



LINE 74  
EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976

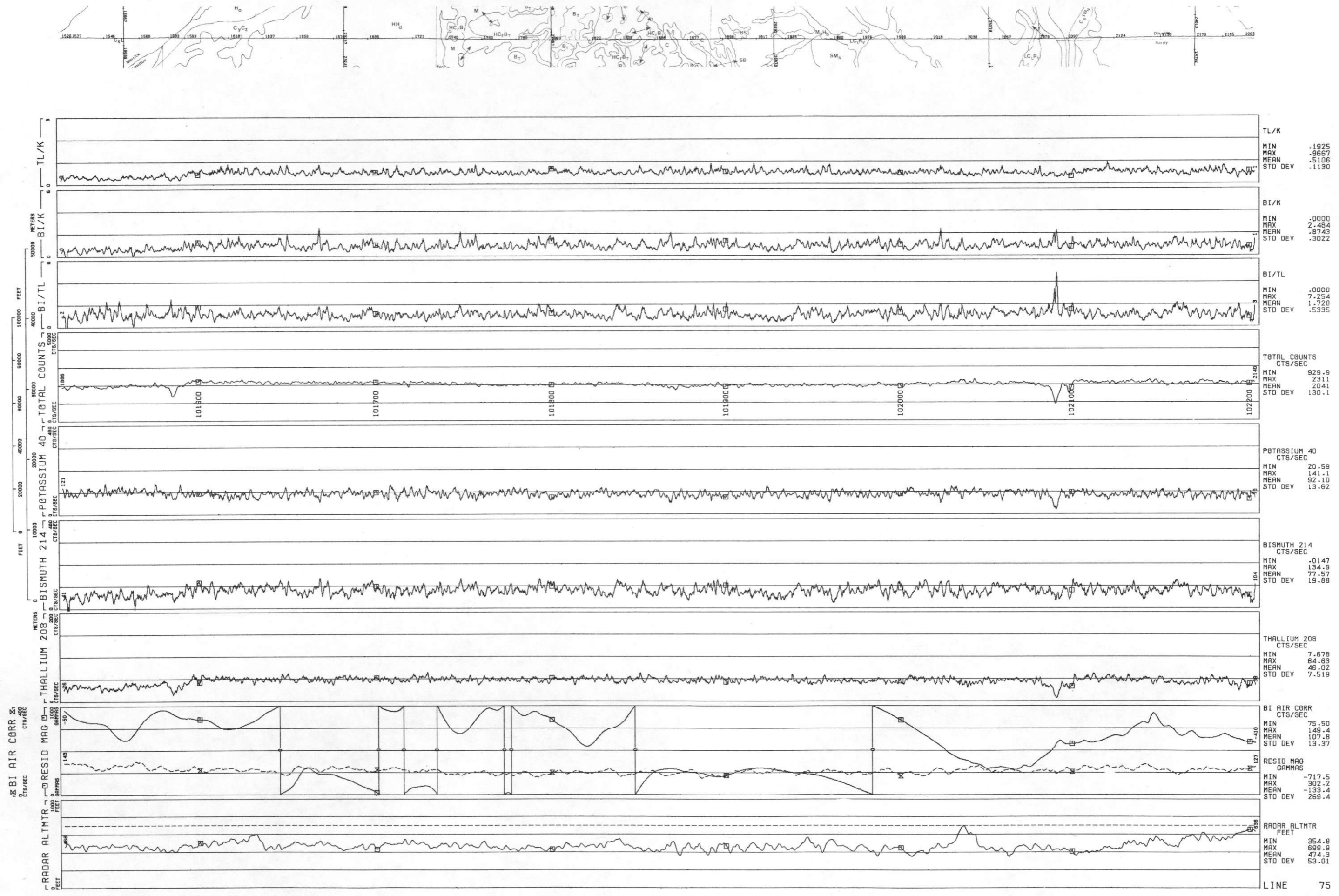


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EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976

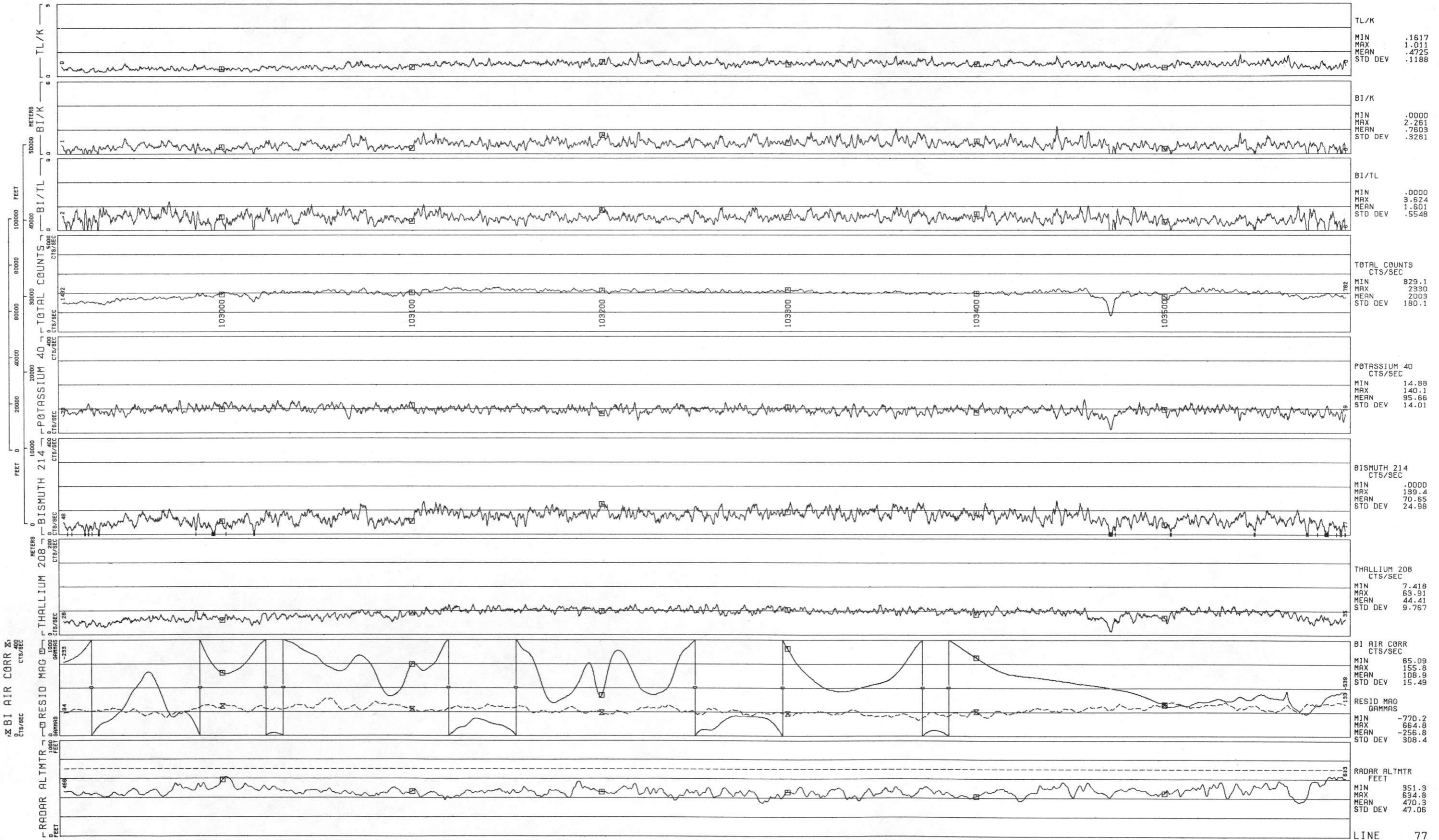
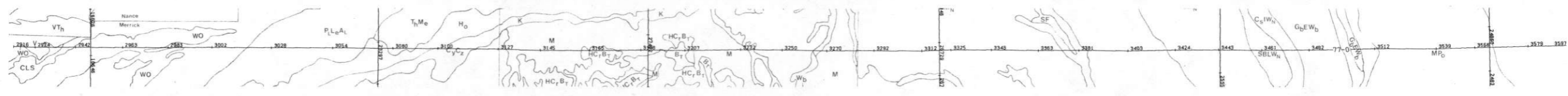




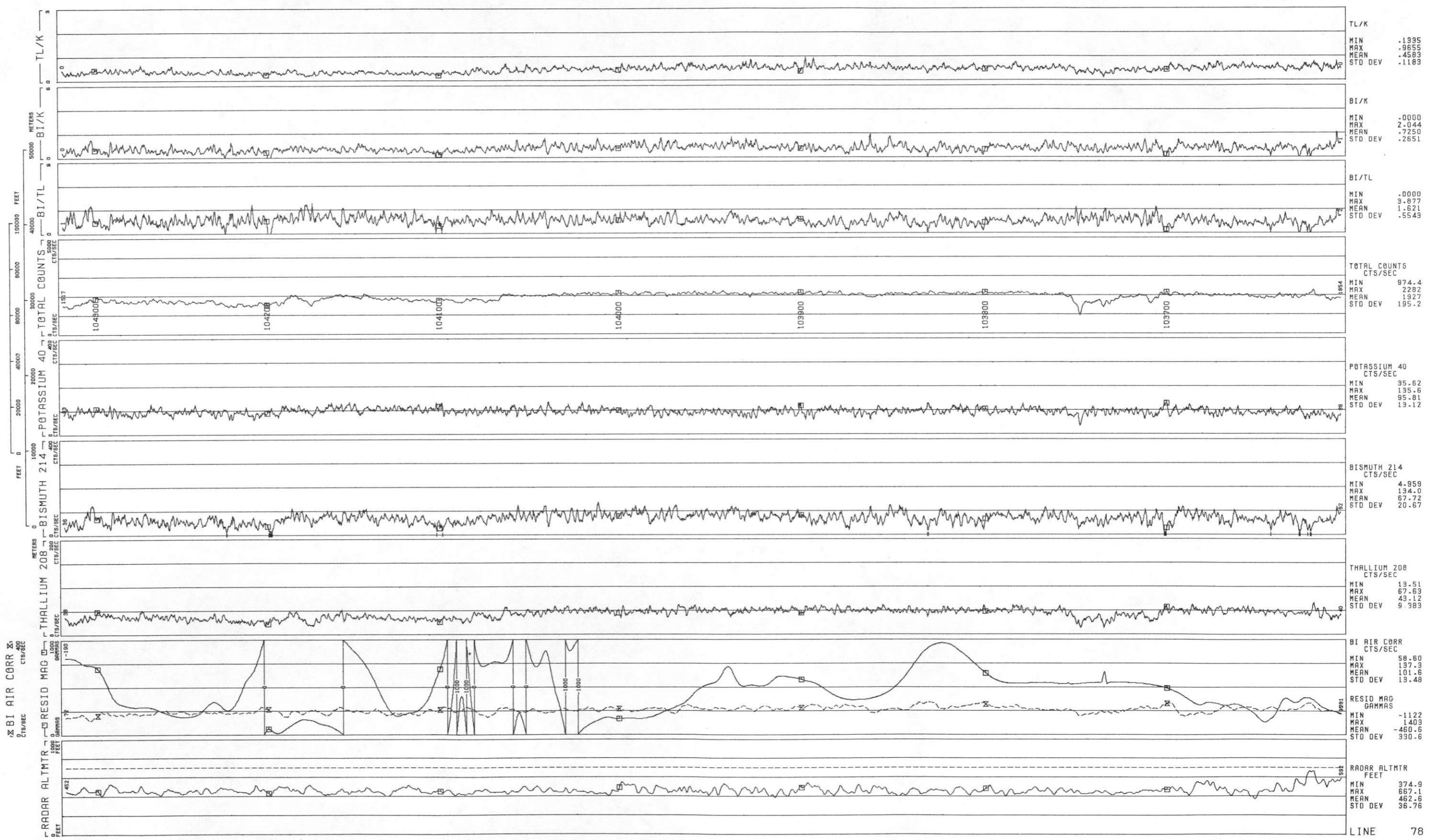
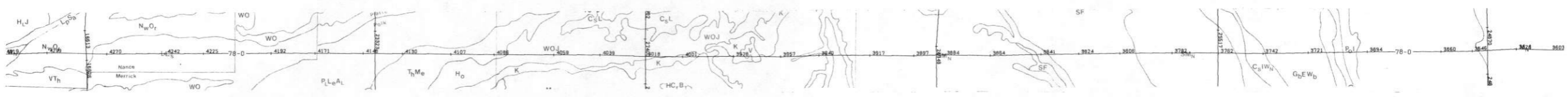
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EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
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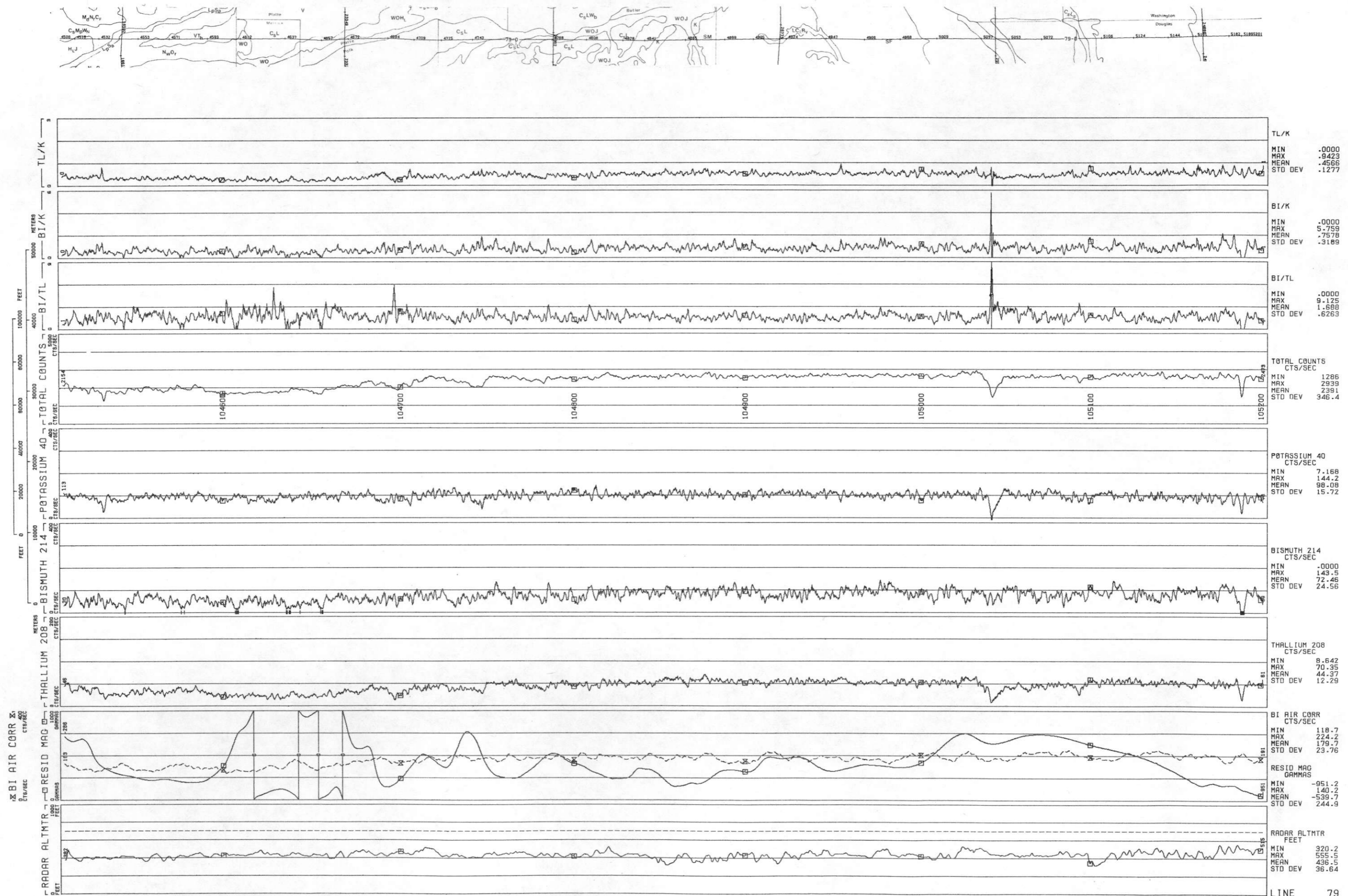
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EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976



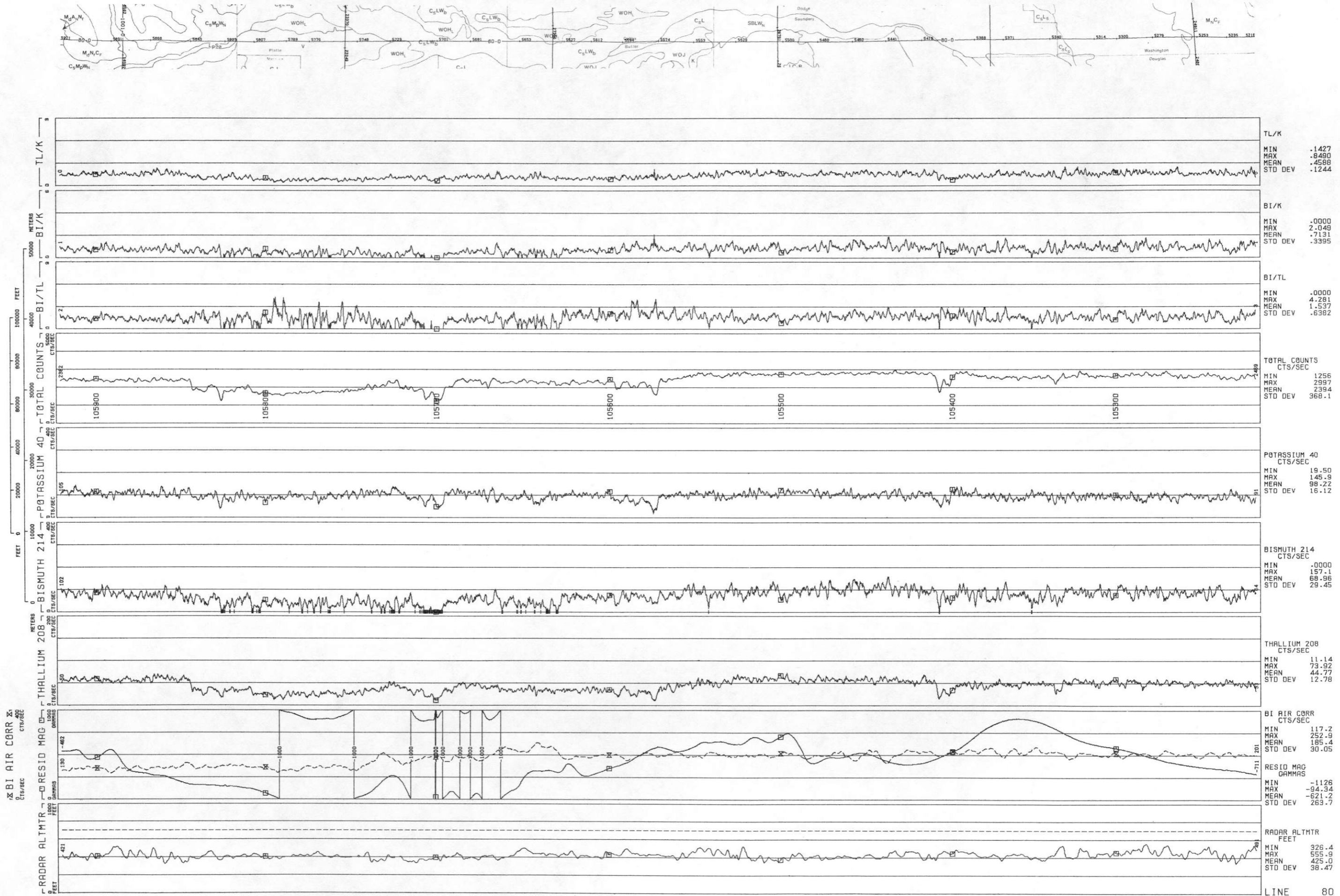
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EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976



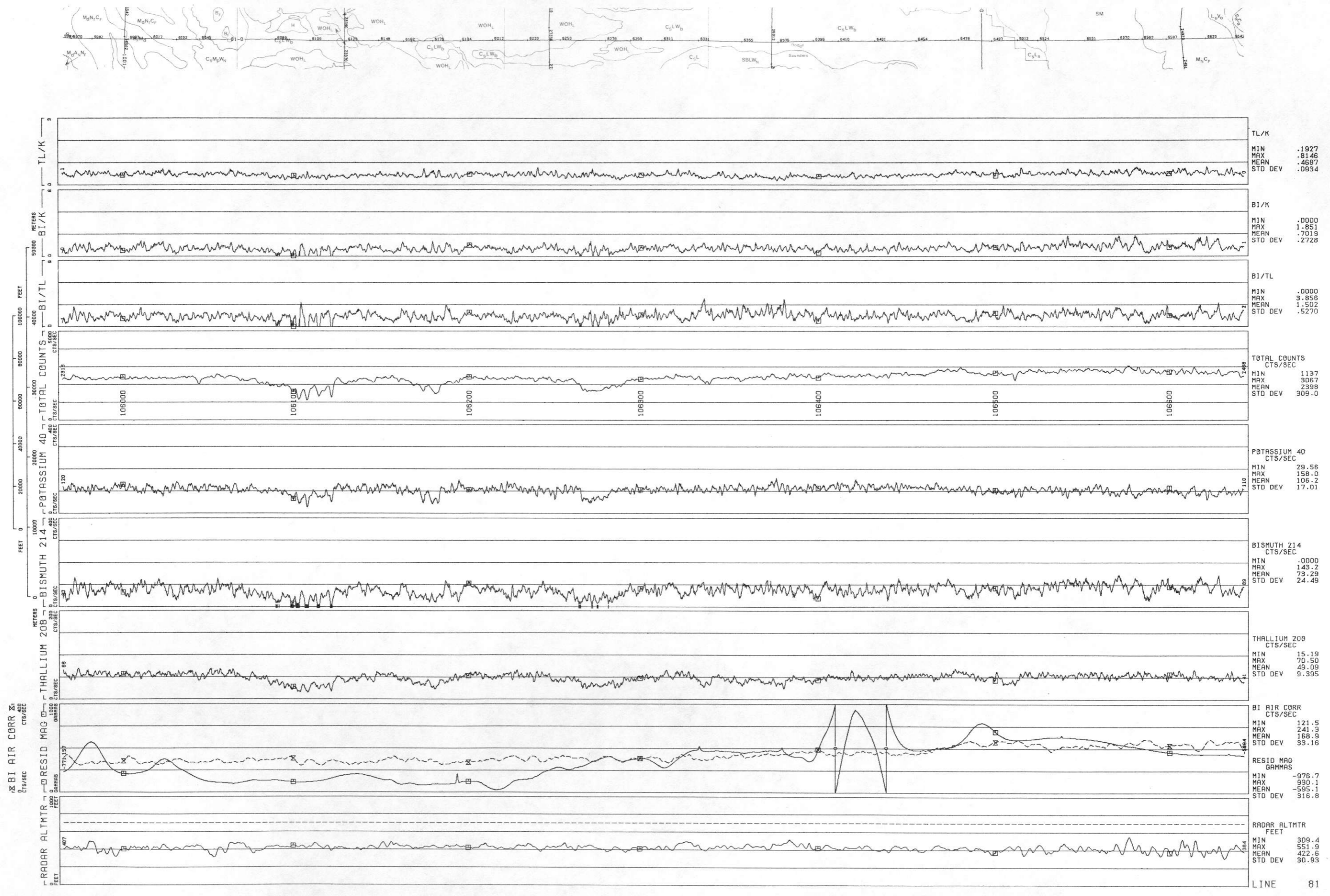
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EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
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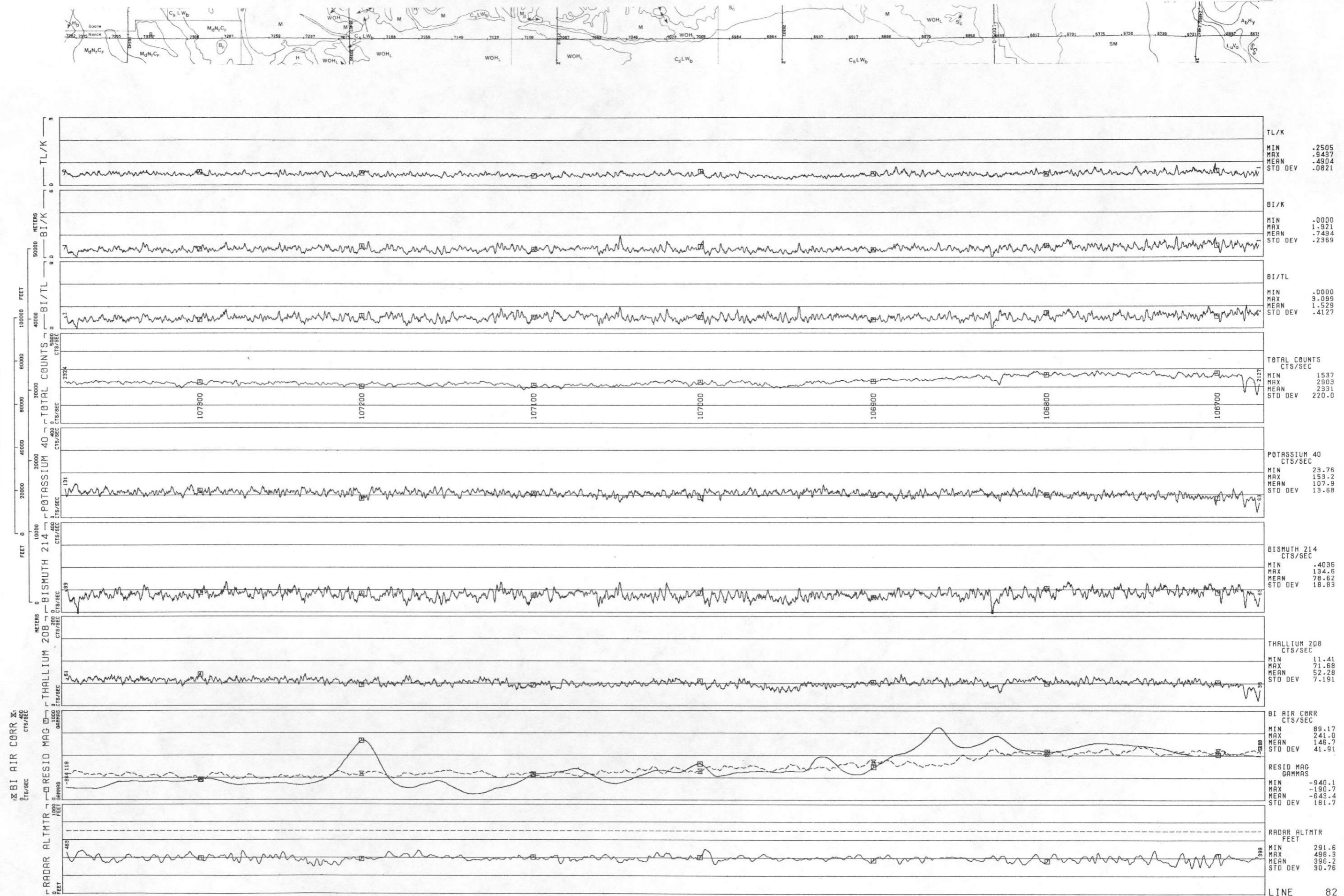
LINE 80  
EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976



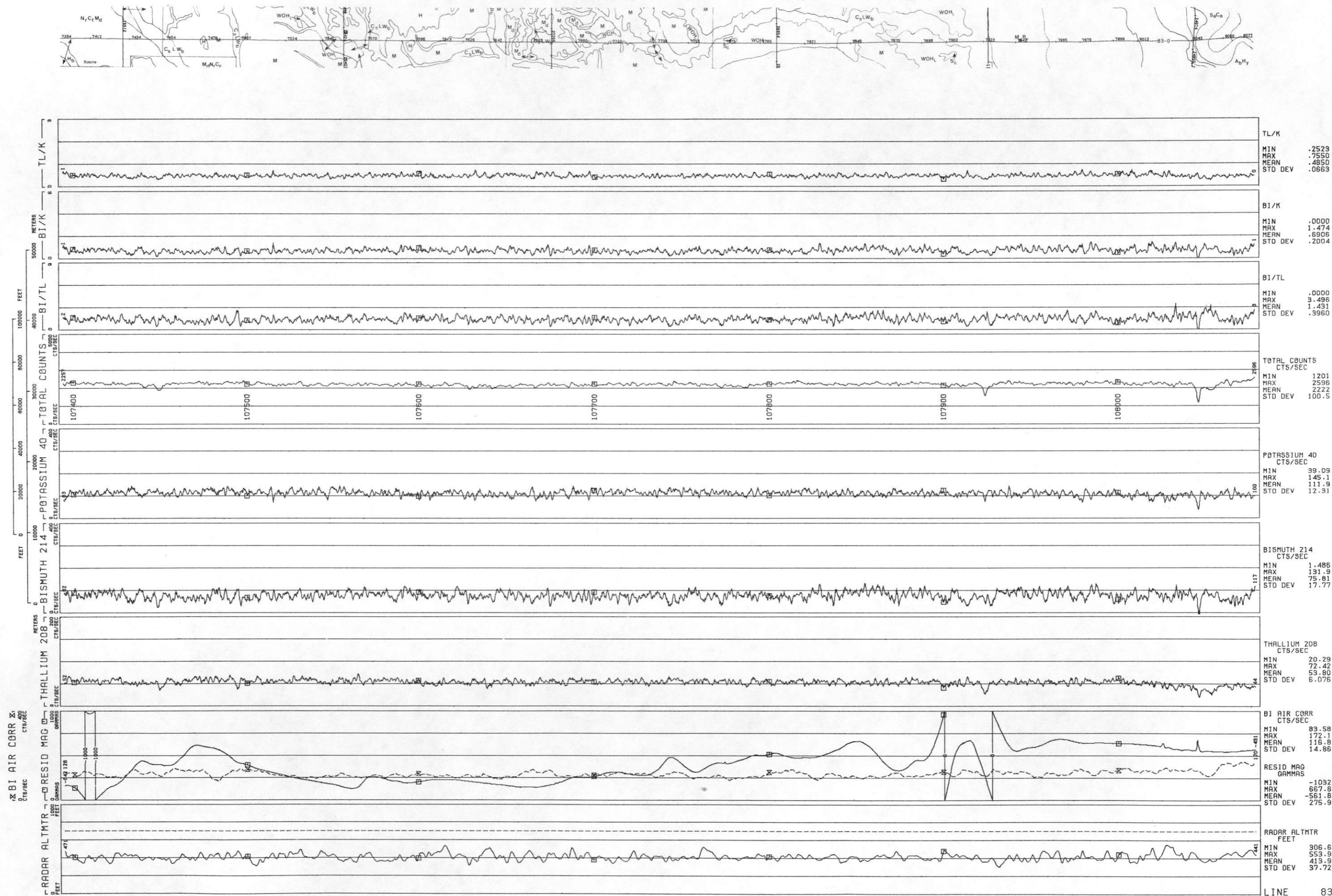
LINE 81  
EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976



LINE 82 EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS DATA ACQUIRED 1976

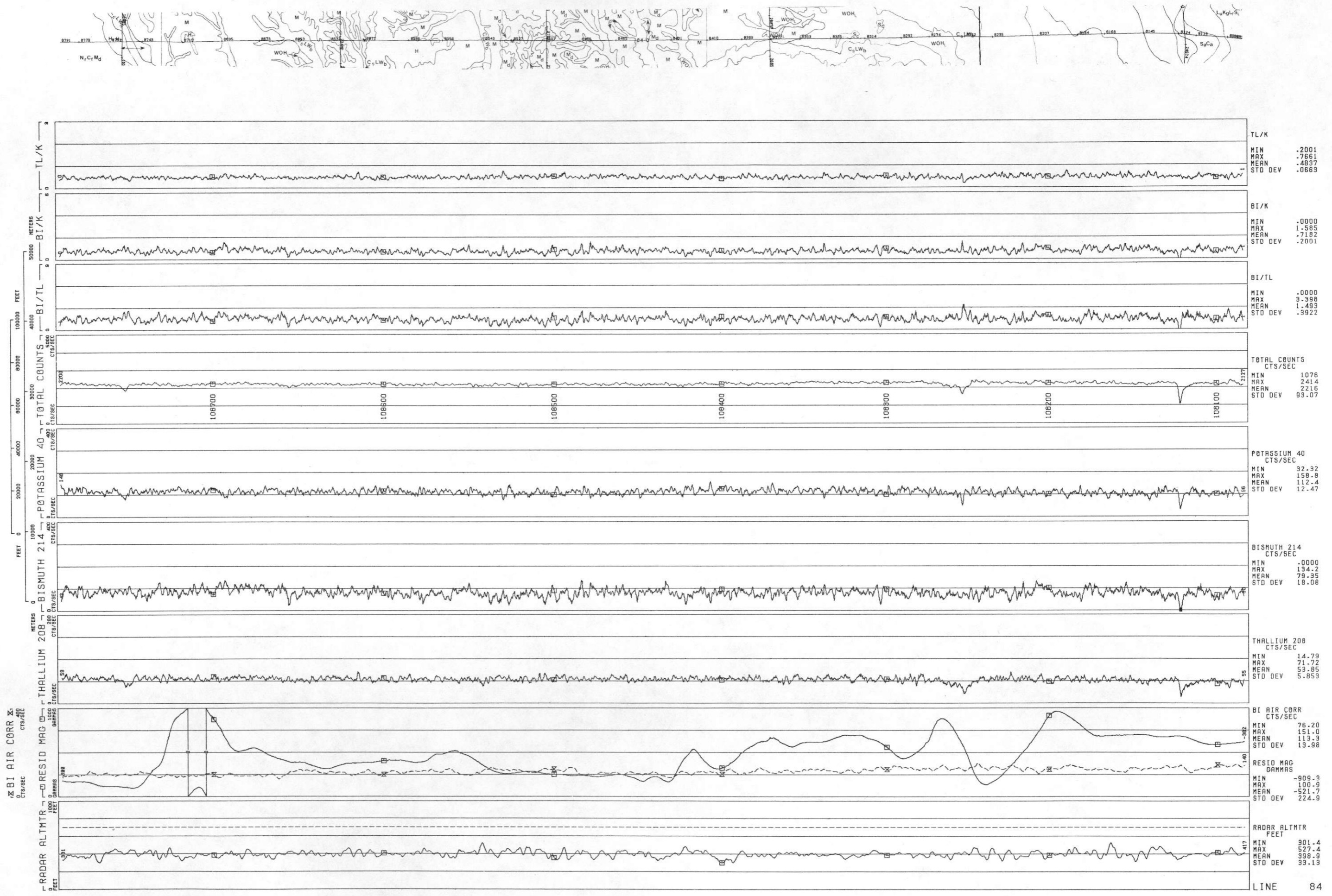


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EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
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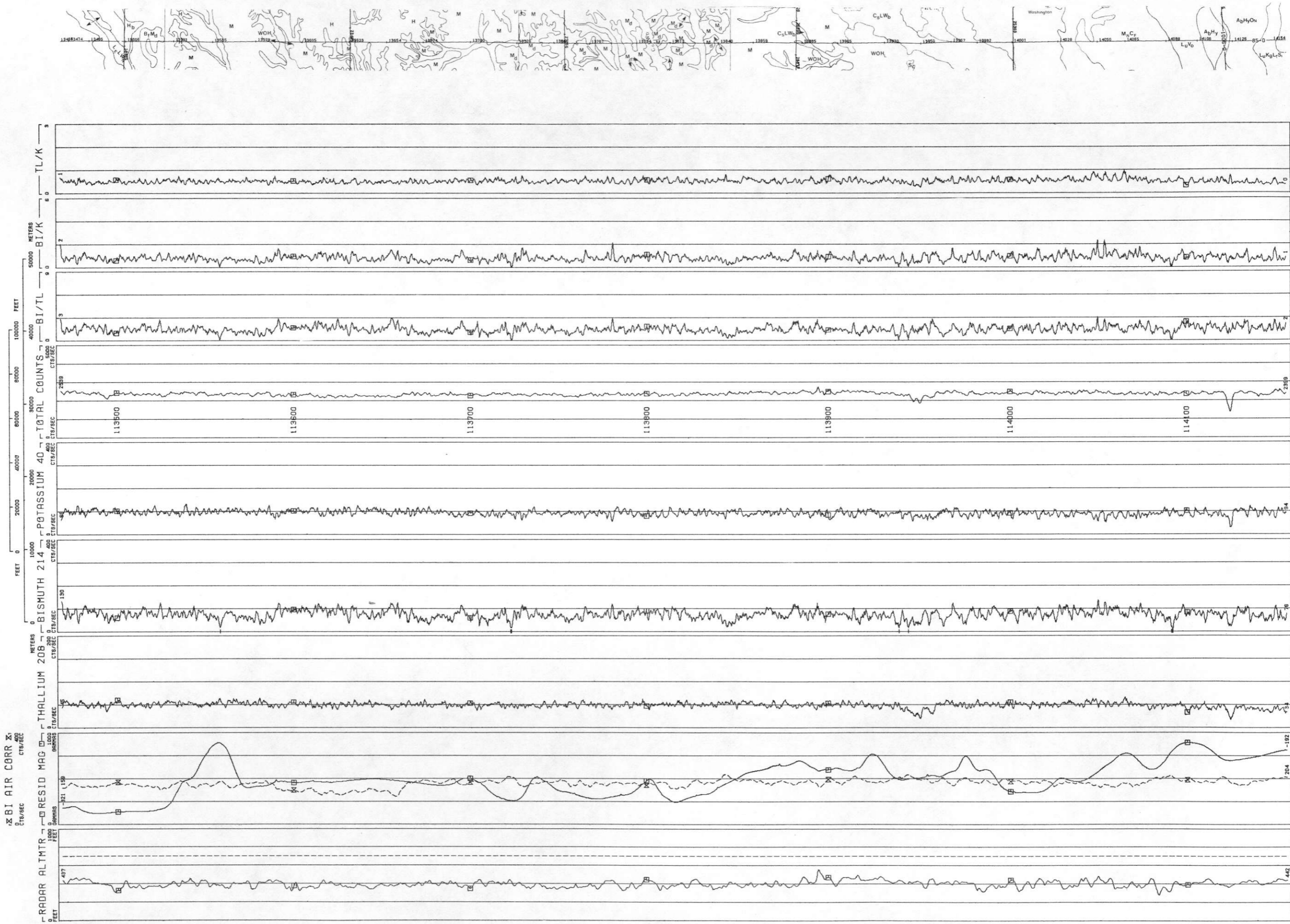




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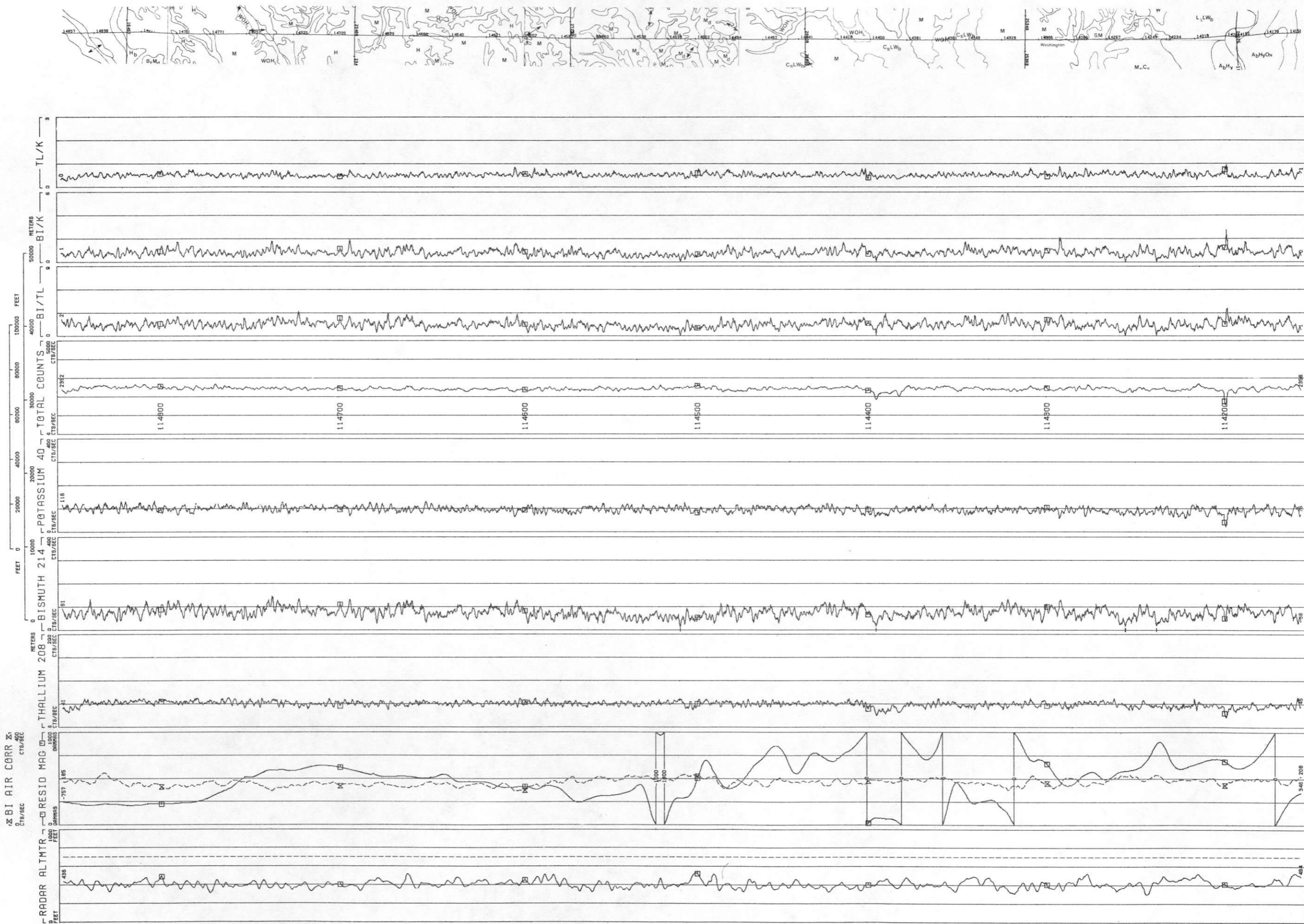


LINE 85  
EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS

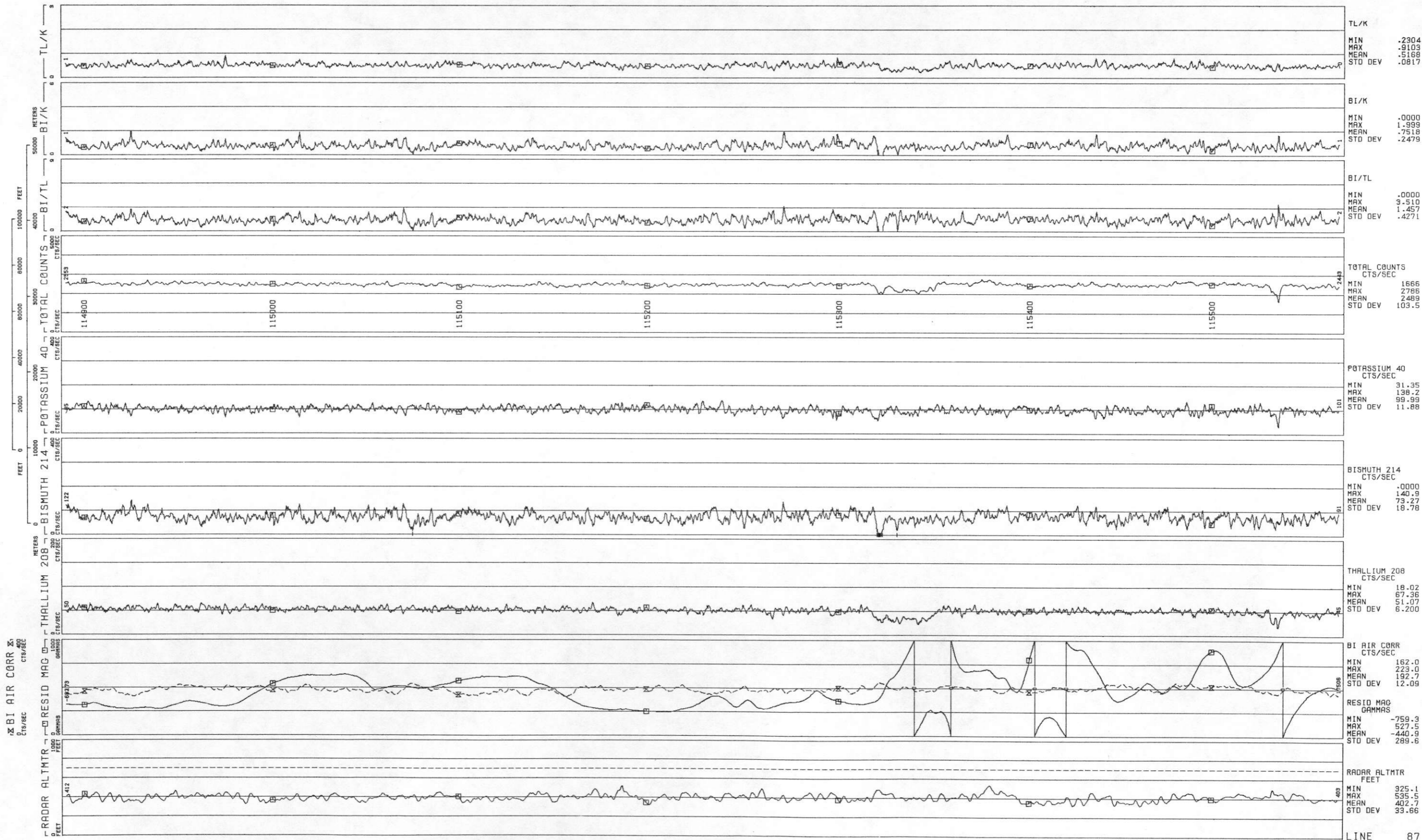
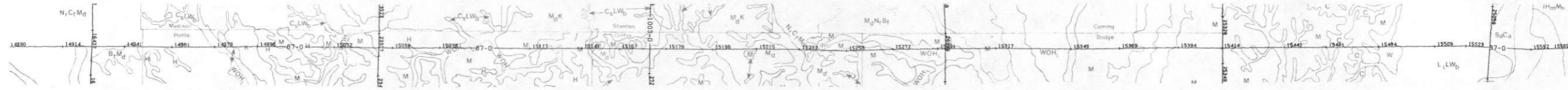


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	MAX .9841
	MEAN .5329
	STD DEV .0870
BI/K	MIN .0000
	MAX 2.296
	MEAN .7985
	STD DEV .2723
BI/TL	MIN .0000
	MAX 3.070
	MEAN 1.496
	STD DEV .4458
TOTAL COUNTS	MIN 1385
CTS/SEC	MAX 2726
	MEAN 2363
	STD DEV 100.5
POTASSIUM 40	MIN 30.35
CTS/SEC	MAX 130.4
	MEAN 94.10
	STD DEV 12.05
BISMUTH 214	MIN 2.785
CTS/SEC	MAX 134.9
	MEAN 72.97
	STD DEV 19.49
THALLIUM 208	MIN 17.01
CTS/SEC	MAX 66.13
	MEAN 49.44
	STD DEV 5.781
BI AIR CORR	MIN 120.5
CTS/SEC	MAX 217.0
	MEAN 177.6
	STD DEV 17.09
RESID MAG	MIN -884.6
GAMMAS	MAX -113.4
	MEAN -514.3
	STD DEV 185.2
RADAR ALTMTR	MIN 280.6
FEET	MAX 559.4
	MEAN 397.9
	STD DEV 95.36
LINE	85

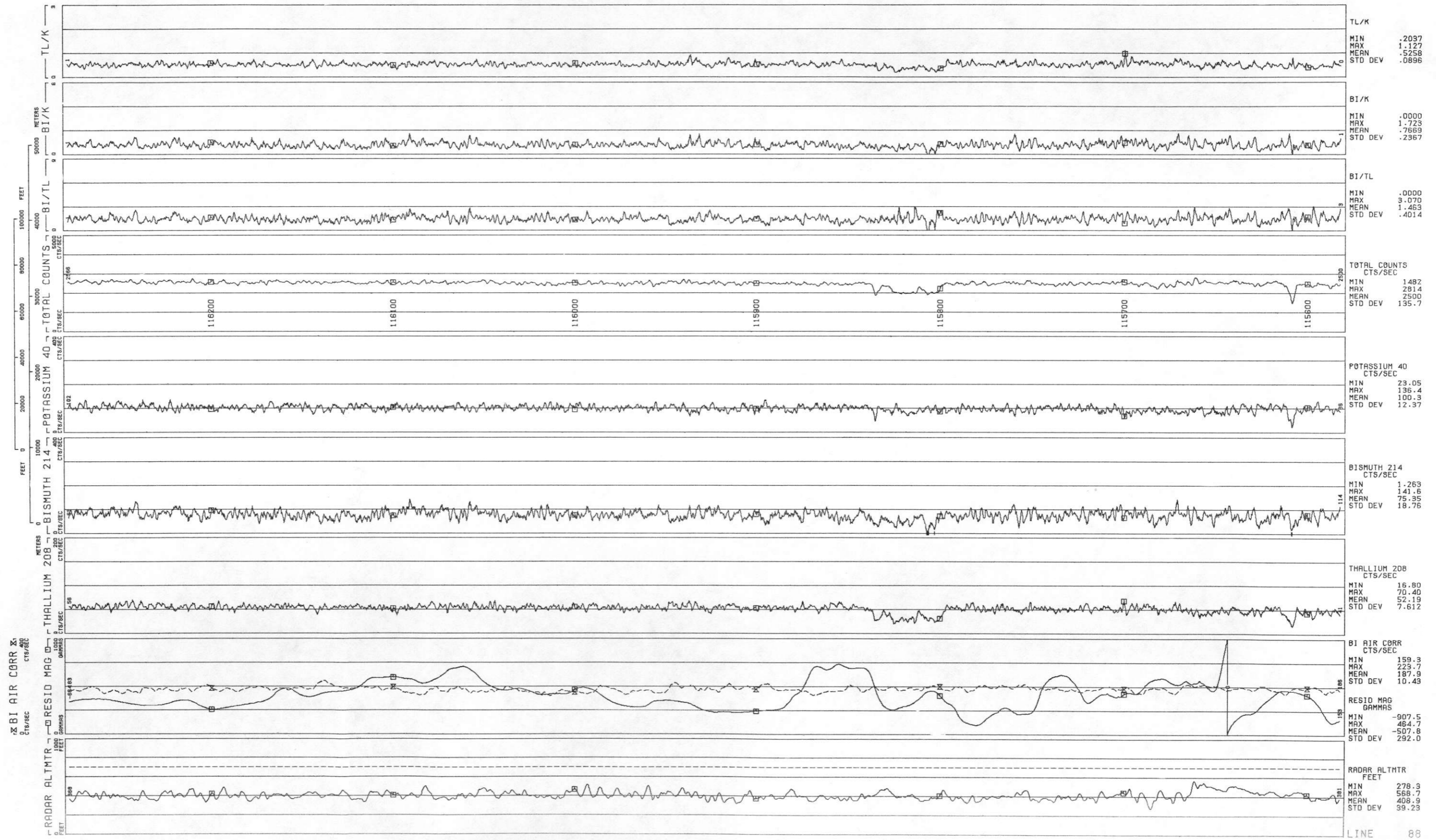
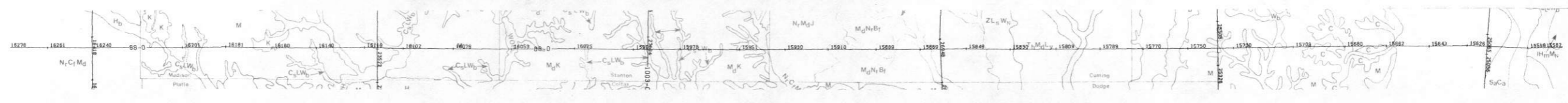
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EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS



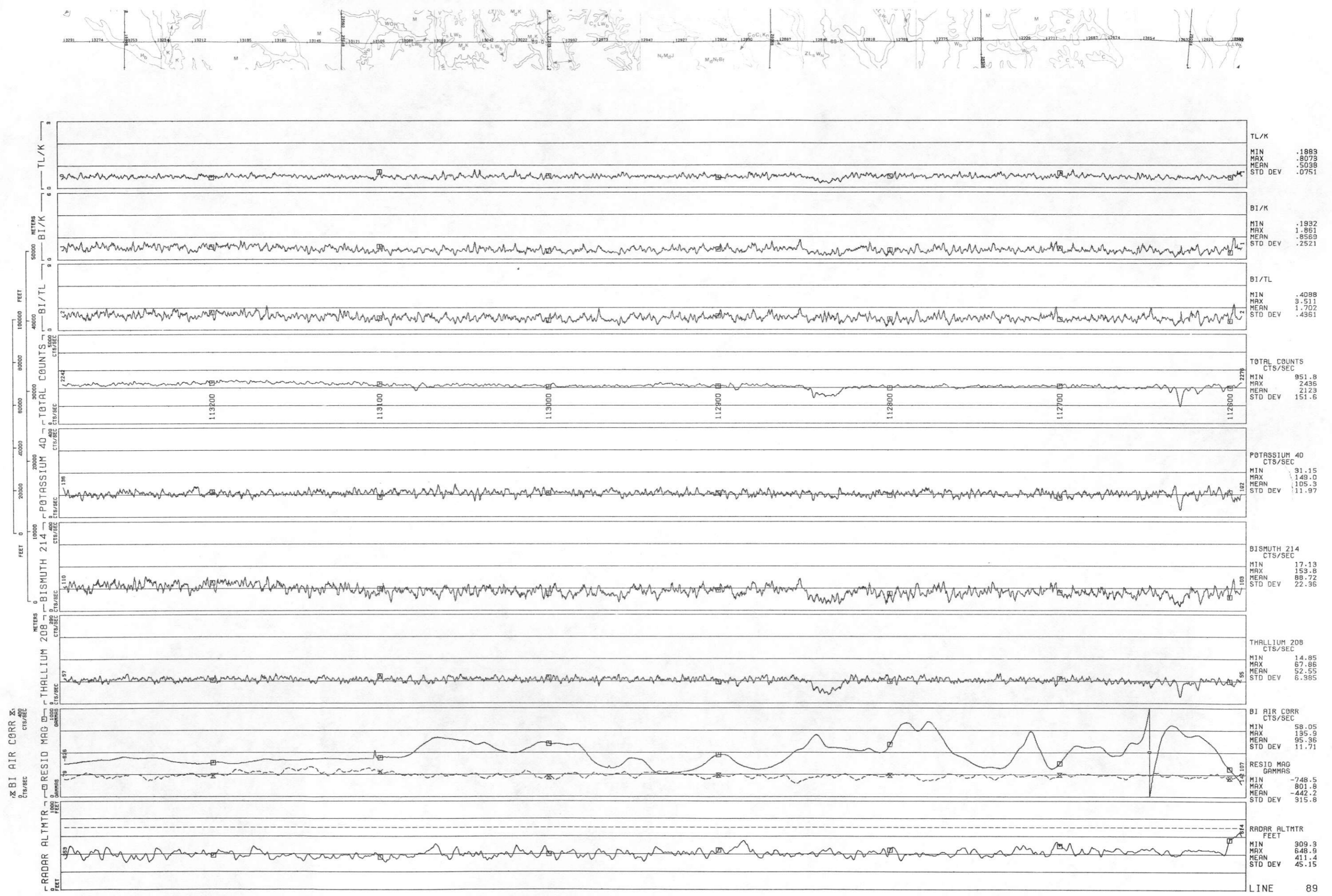
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DATA ACQUIRED 1976



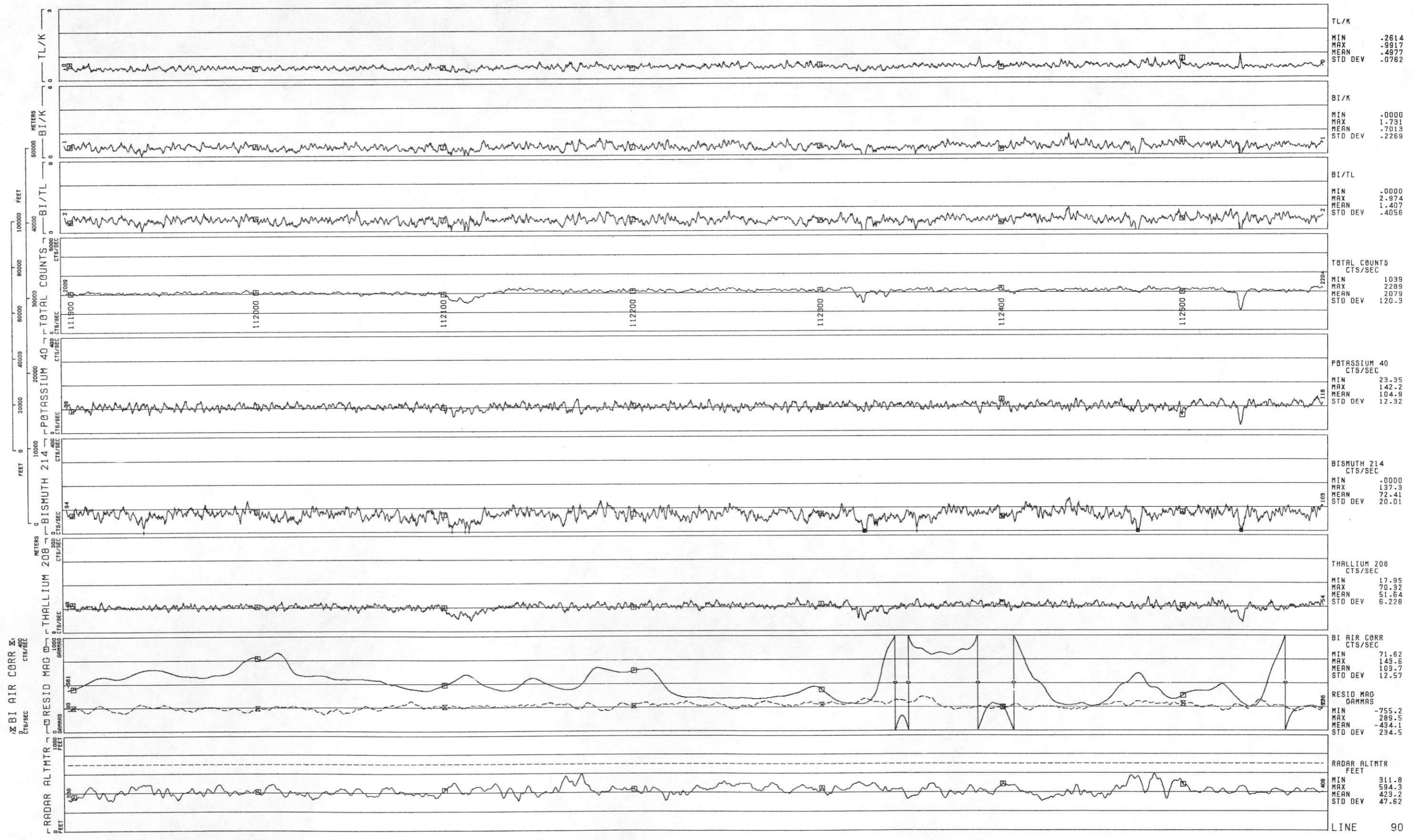
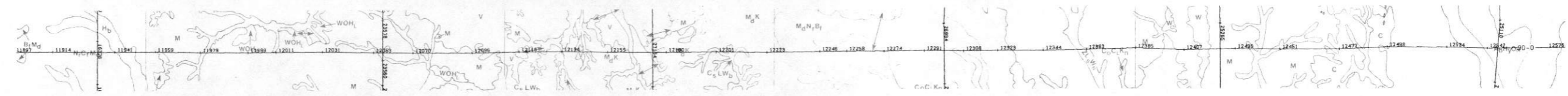
LINE 88  
EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976



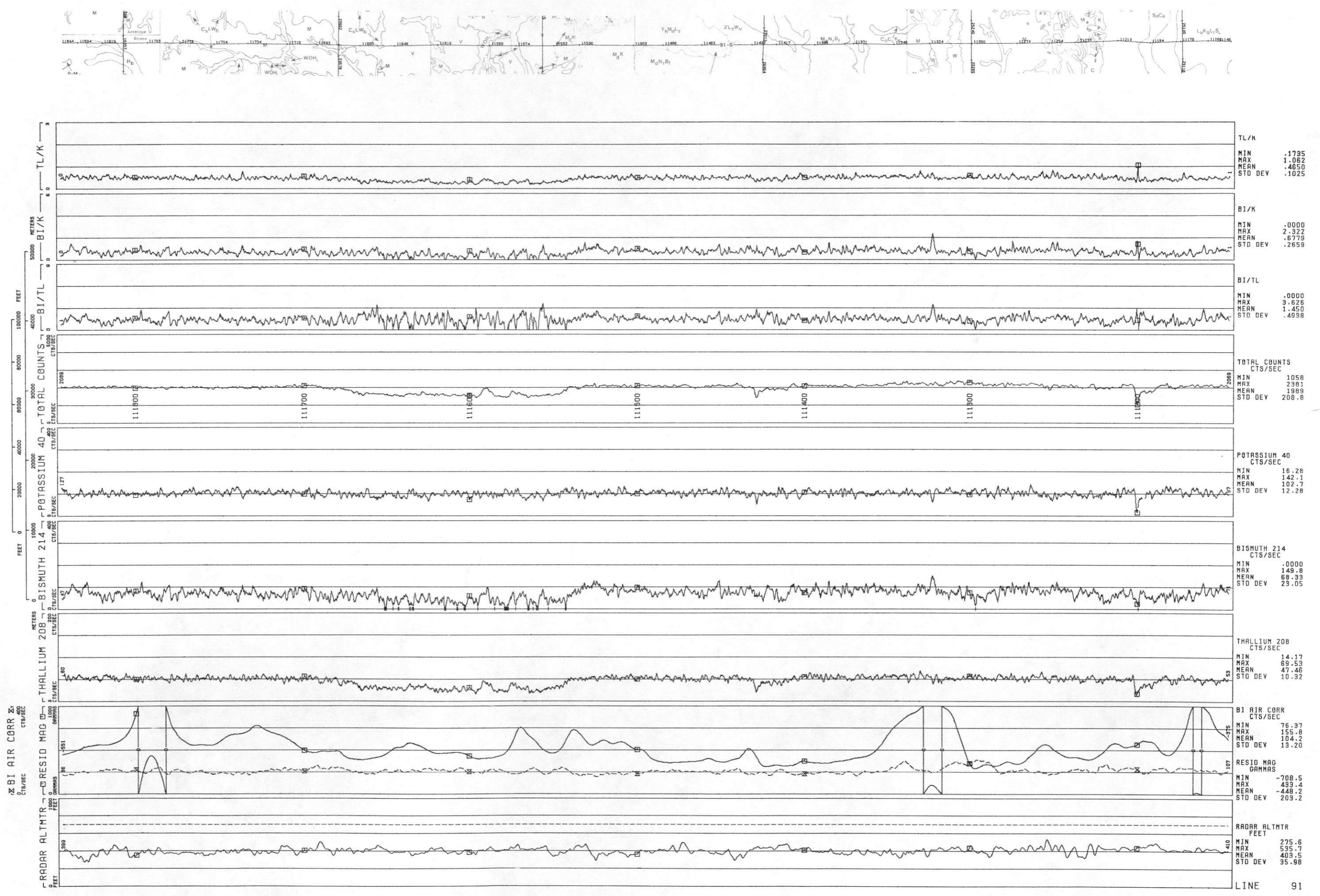
LINE 89  
EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976



LINE 90  
EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976

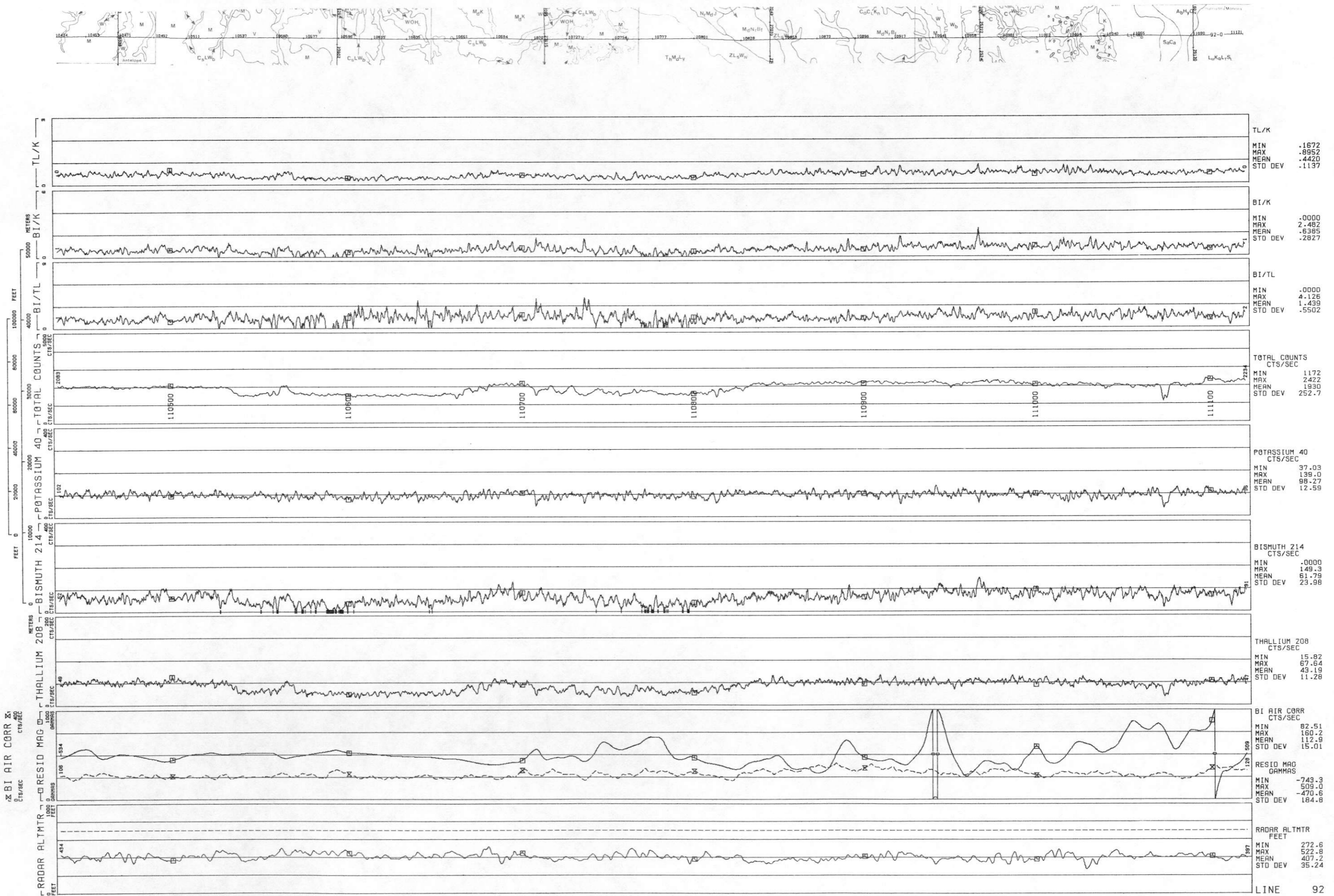


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EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976

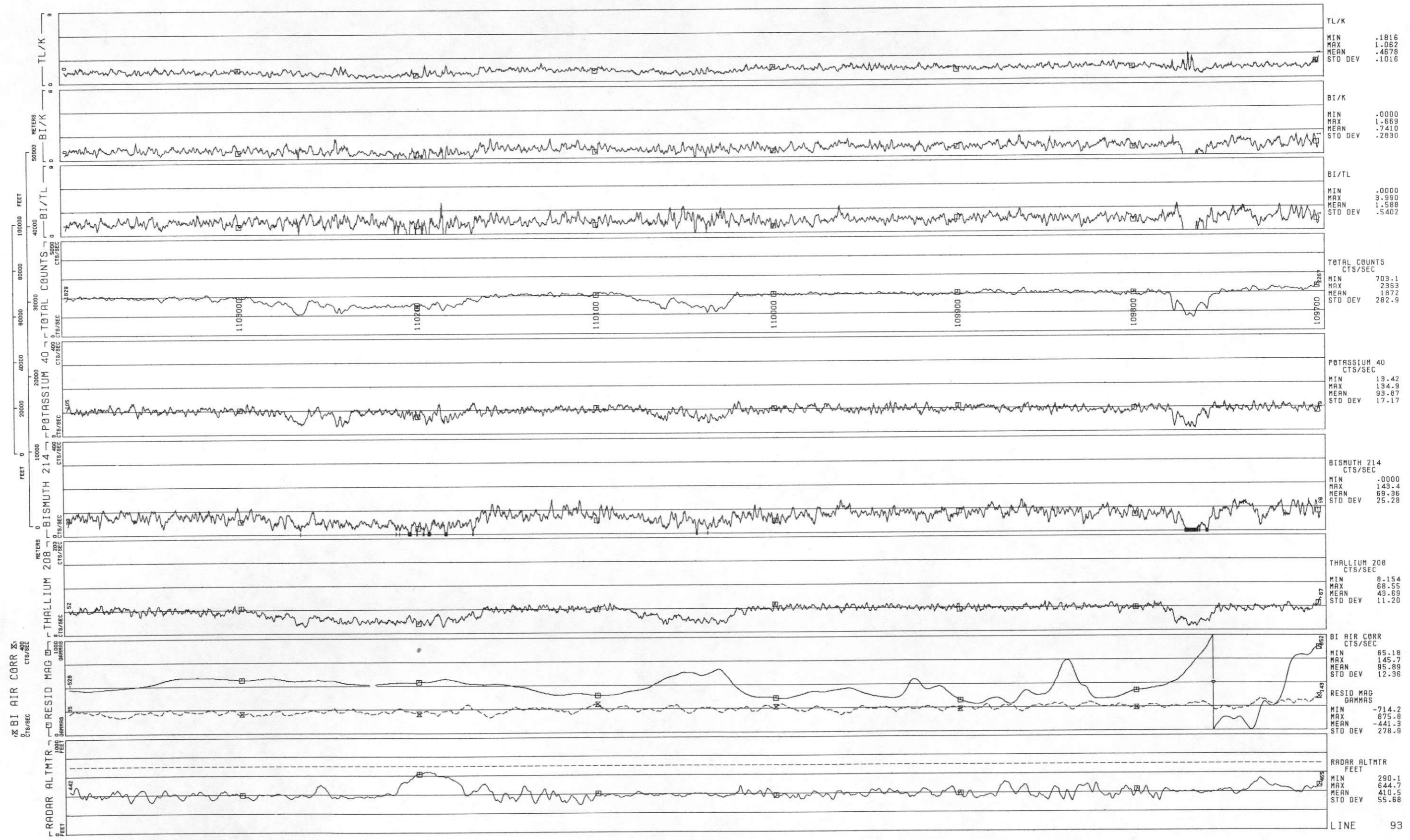




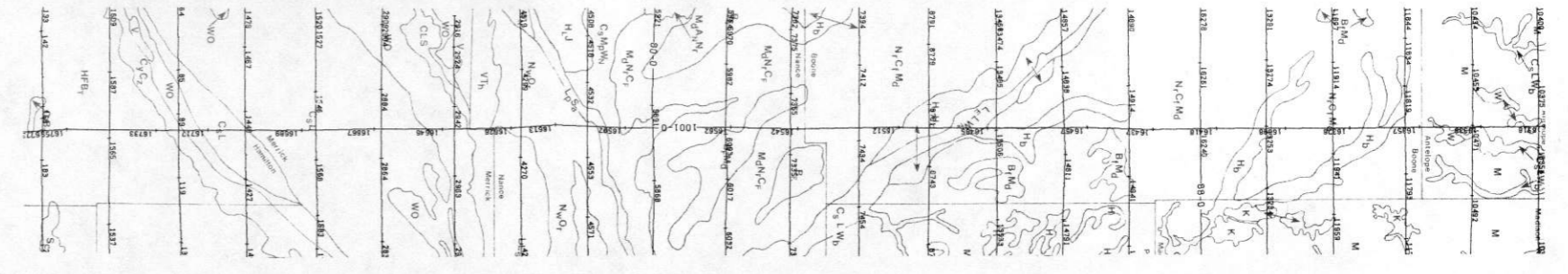
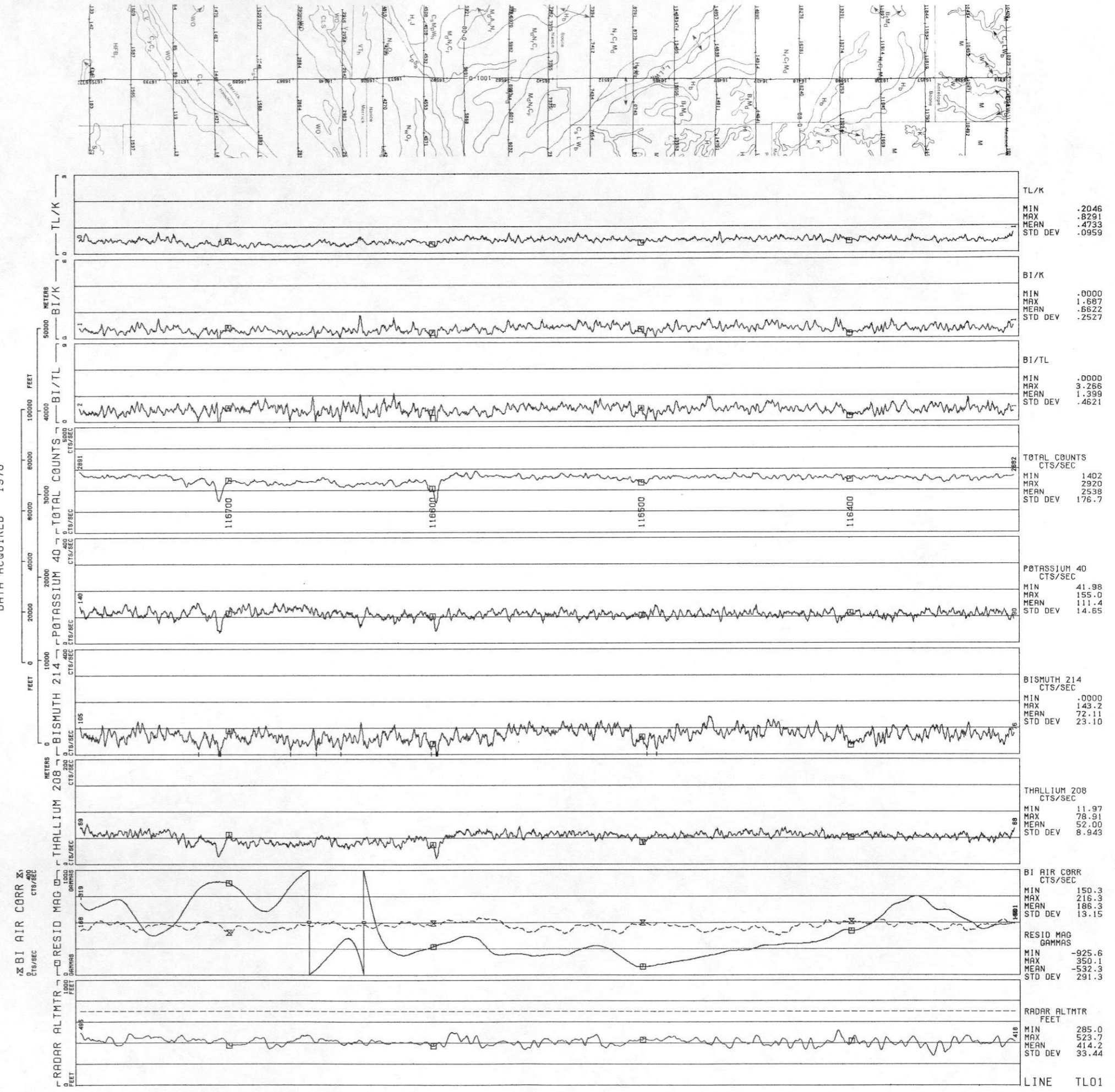
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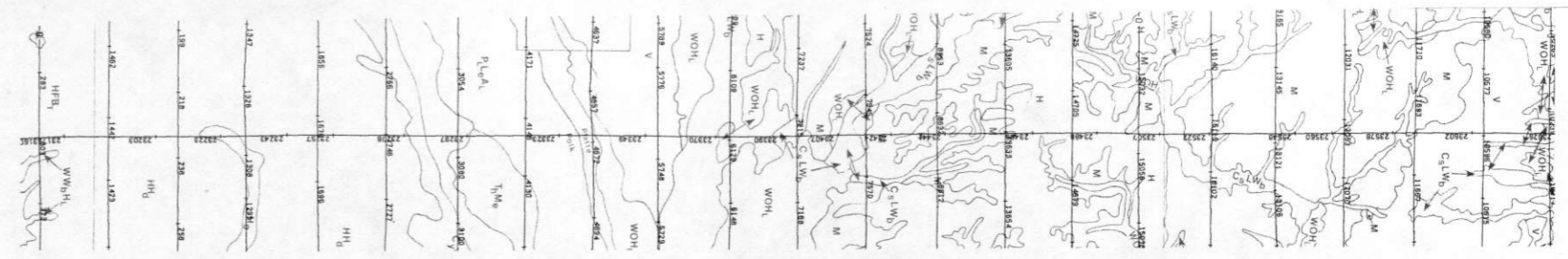
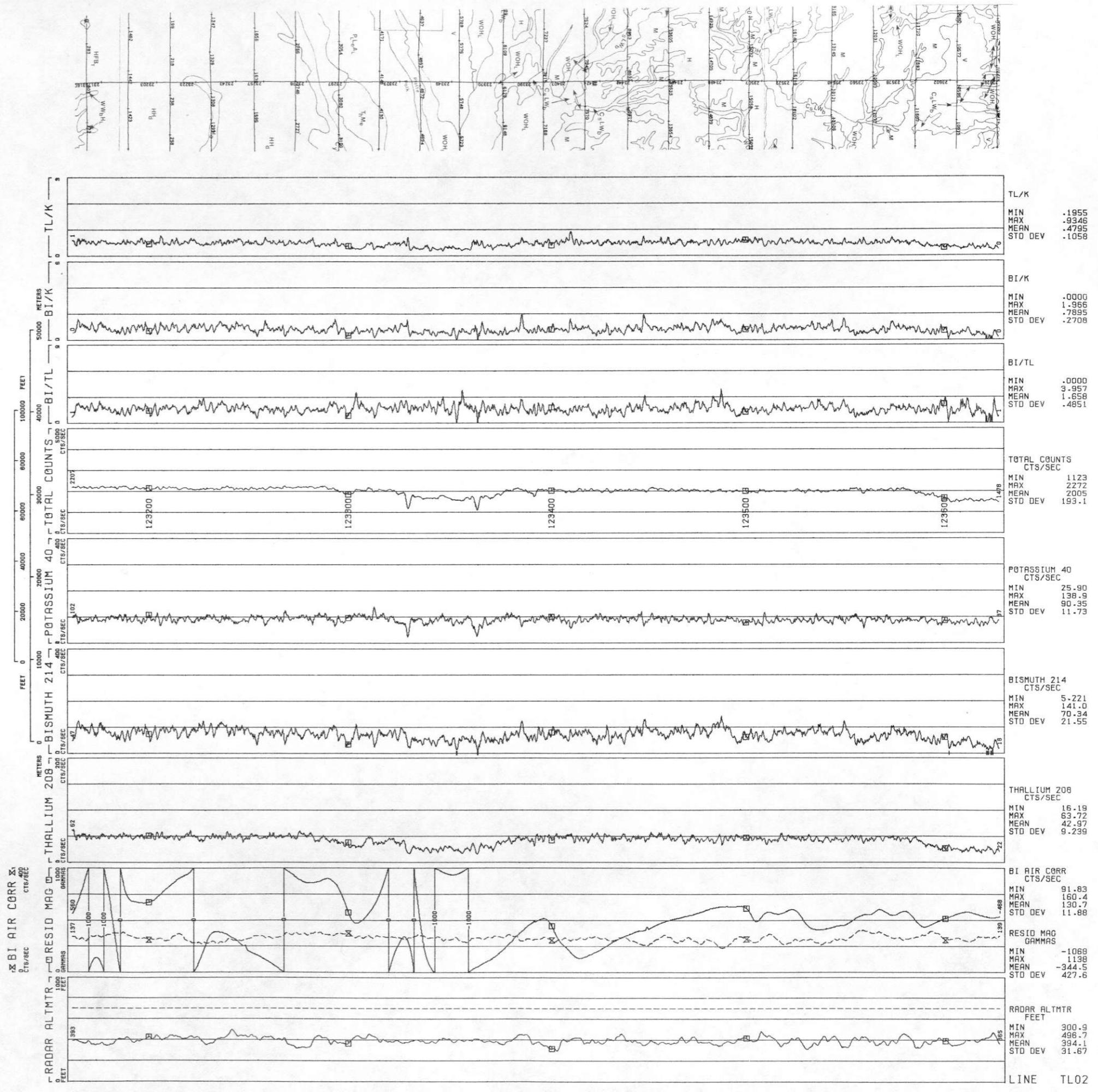
LINE 93  
EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
DATA ACQUIRED 1976



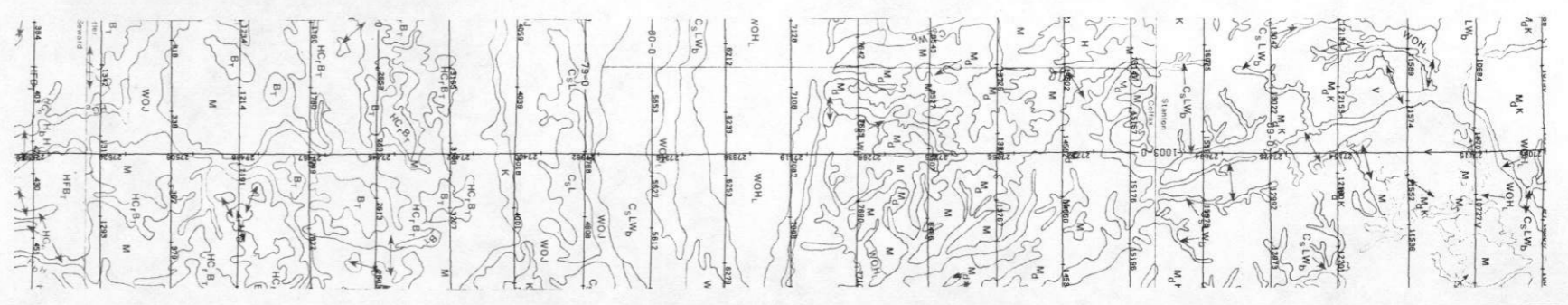
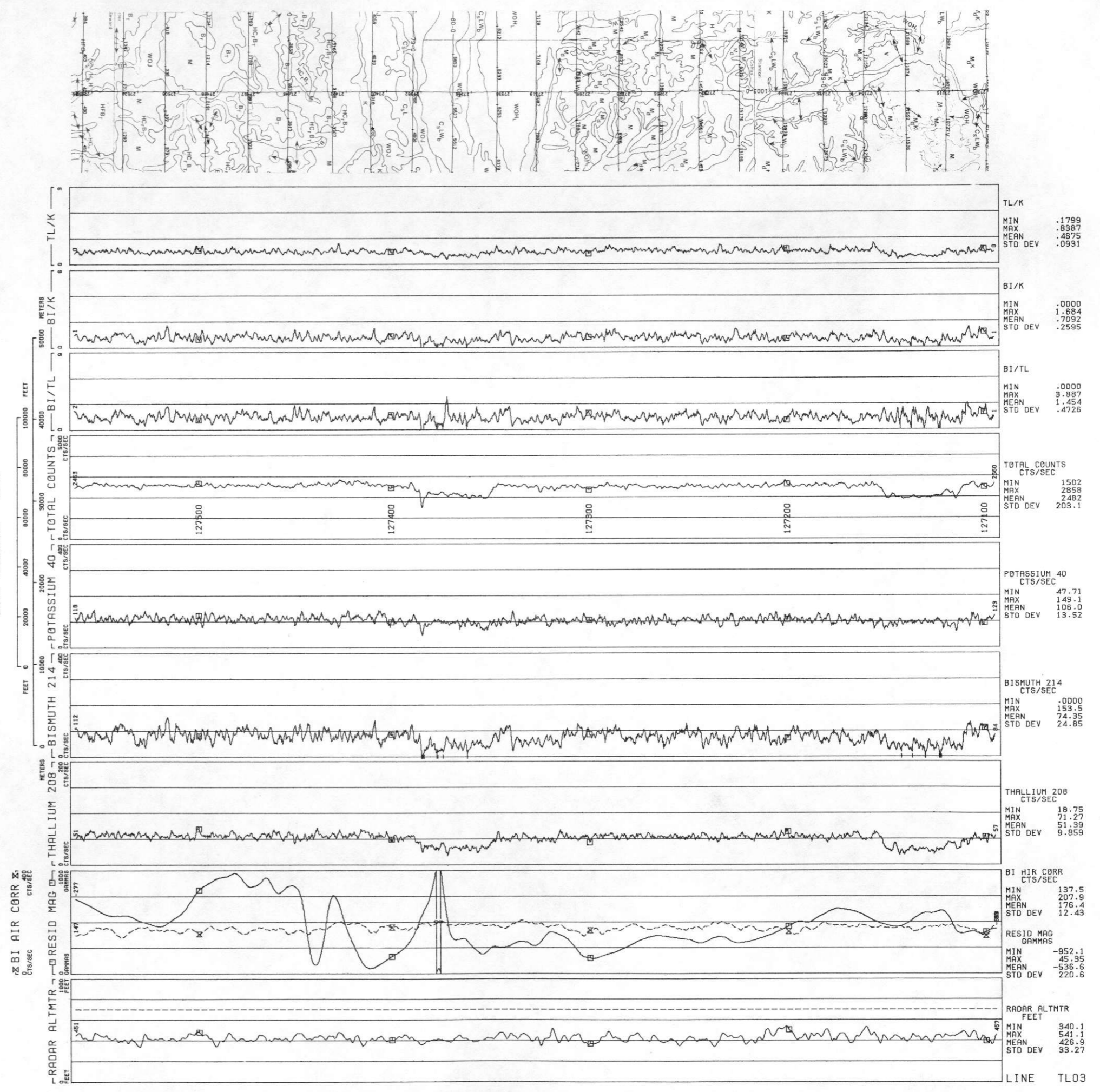
EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
 LINE TLO1  
 DATA ACQUIRED 1976



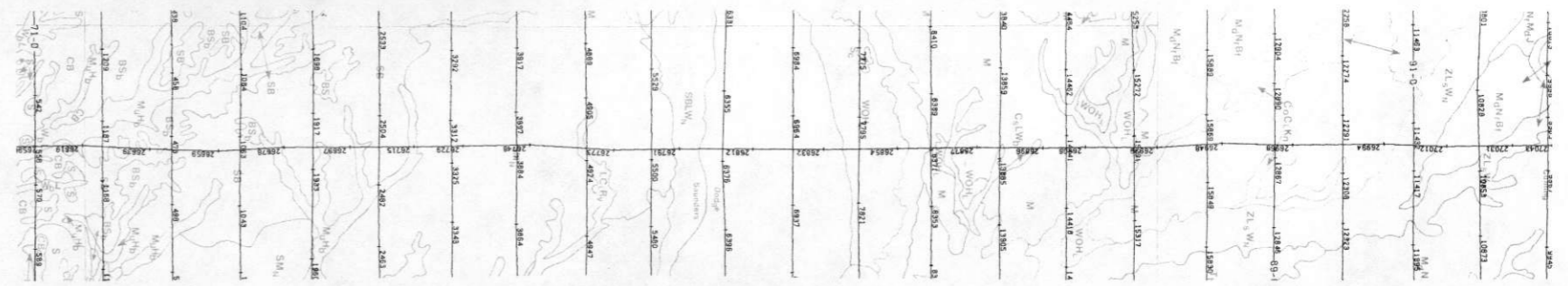
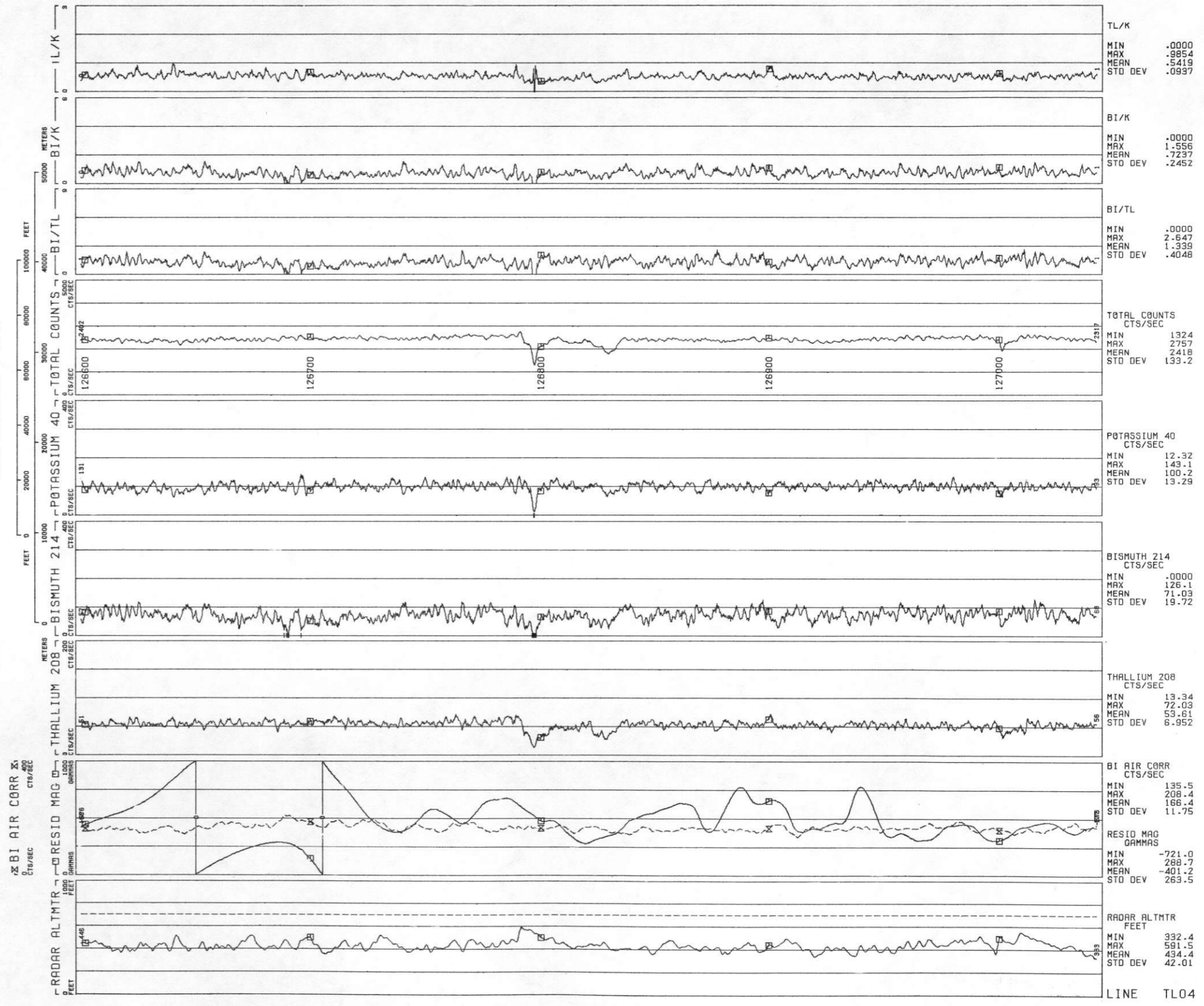
LINE TL02  
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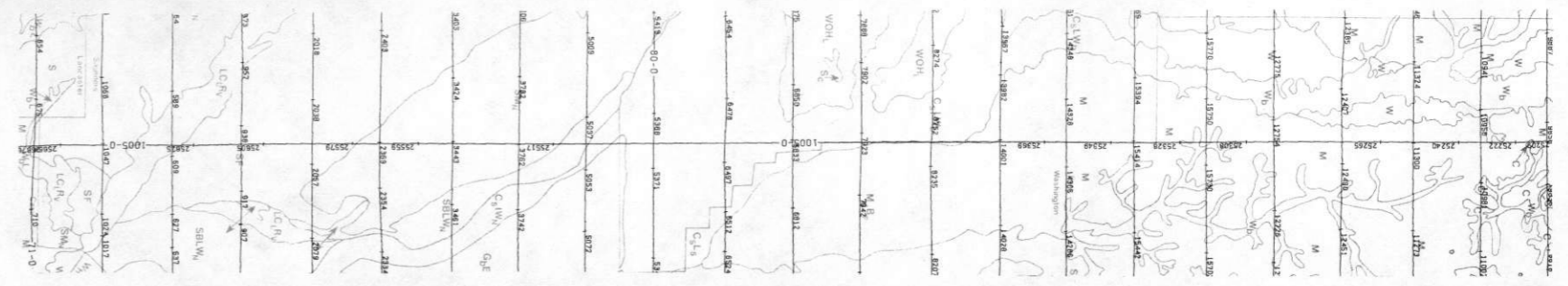
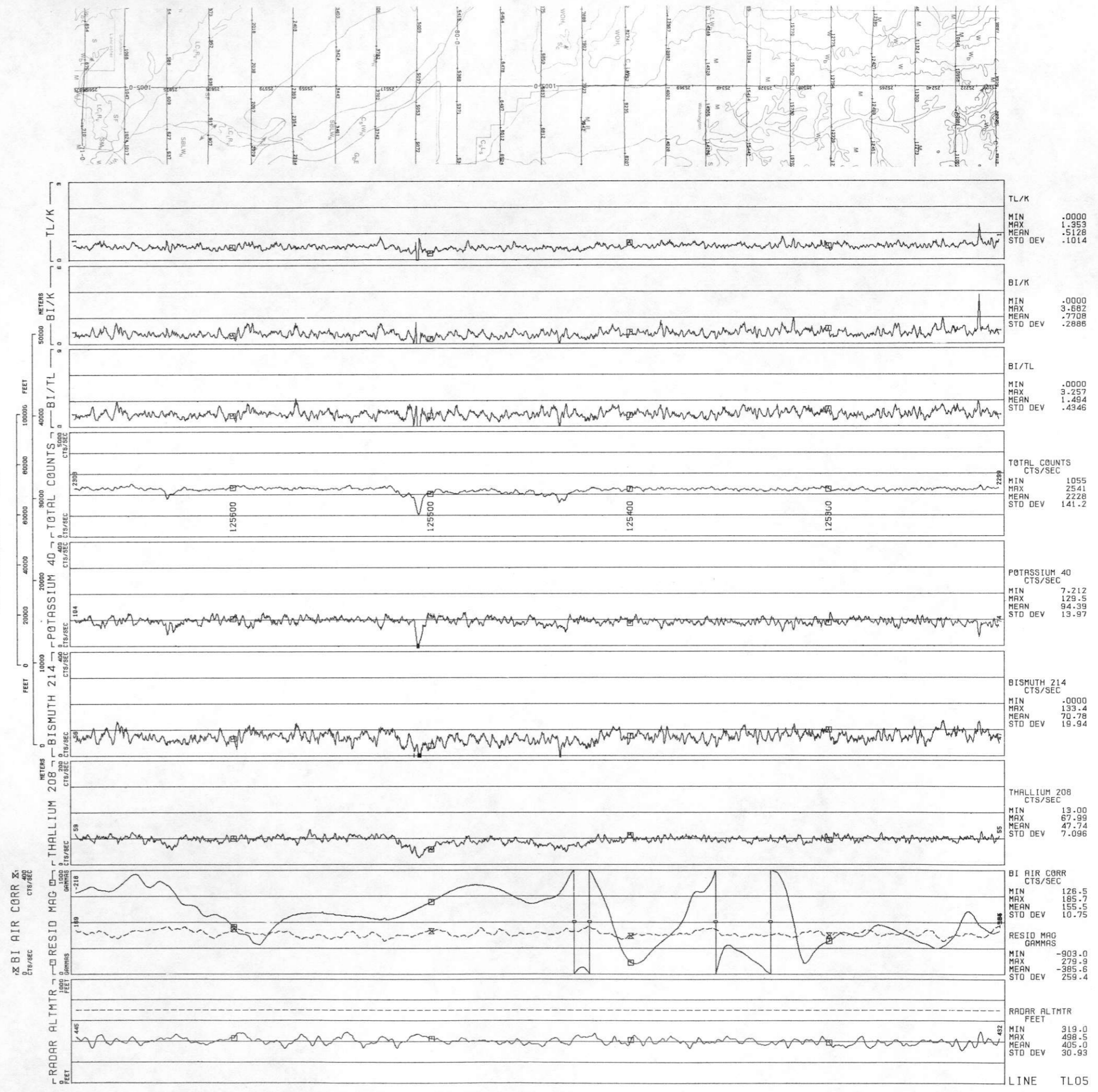
EAST SALINA BASIN - FREMONT - NIMS NK 14-9 - GEOMETRICS  
LINE TLO3  
DATA ACQUIRED 1976



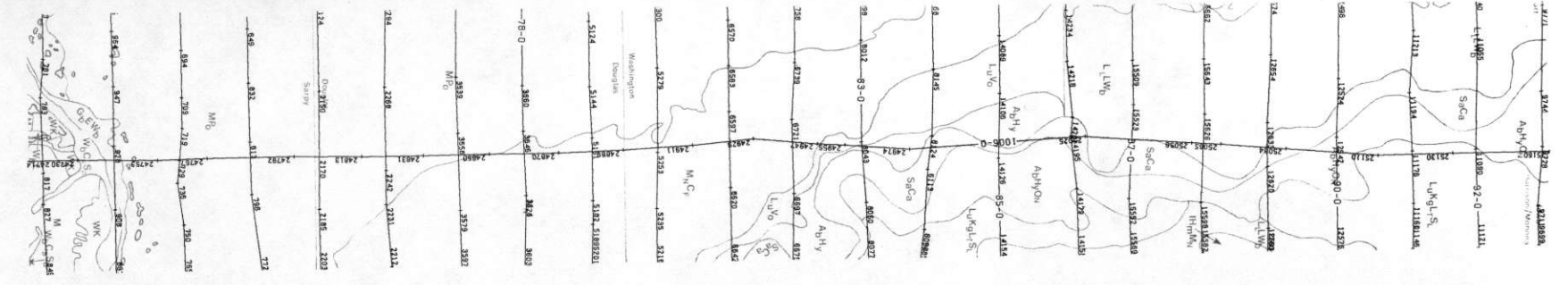
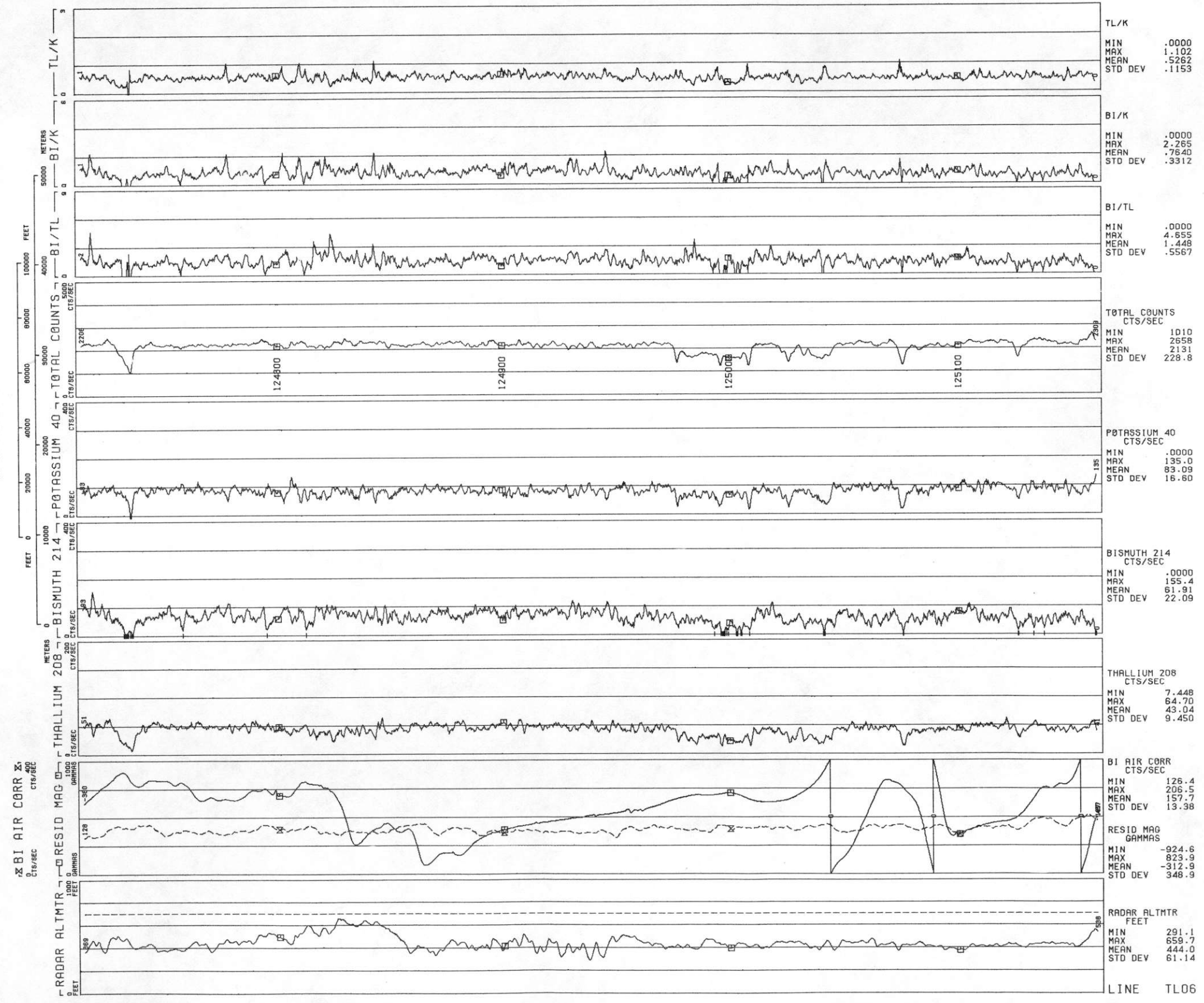
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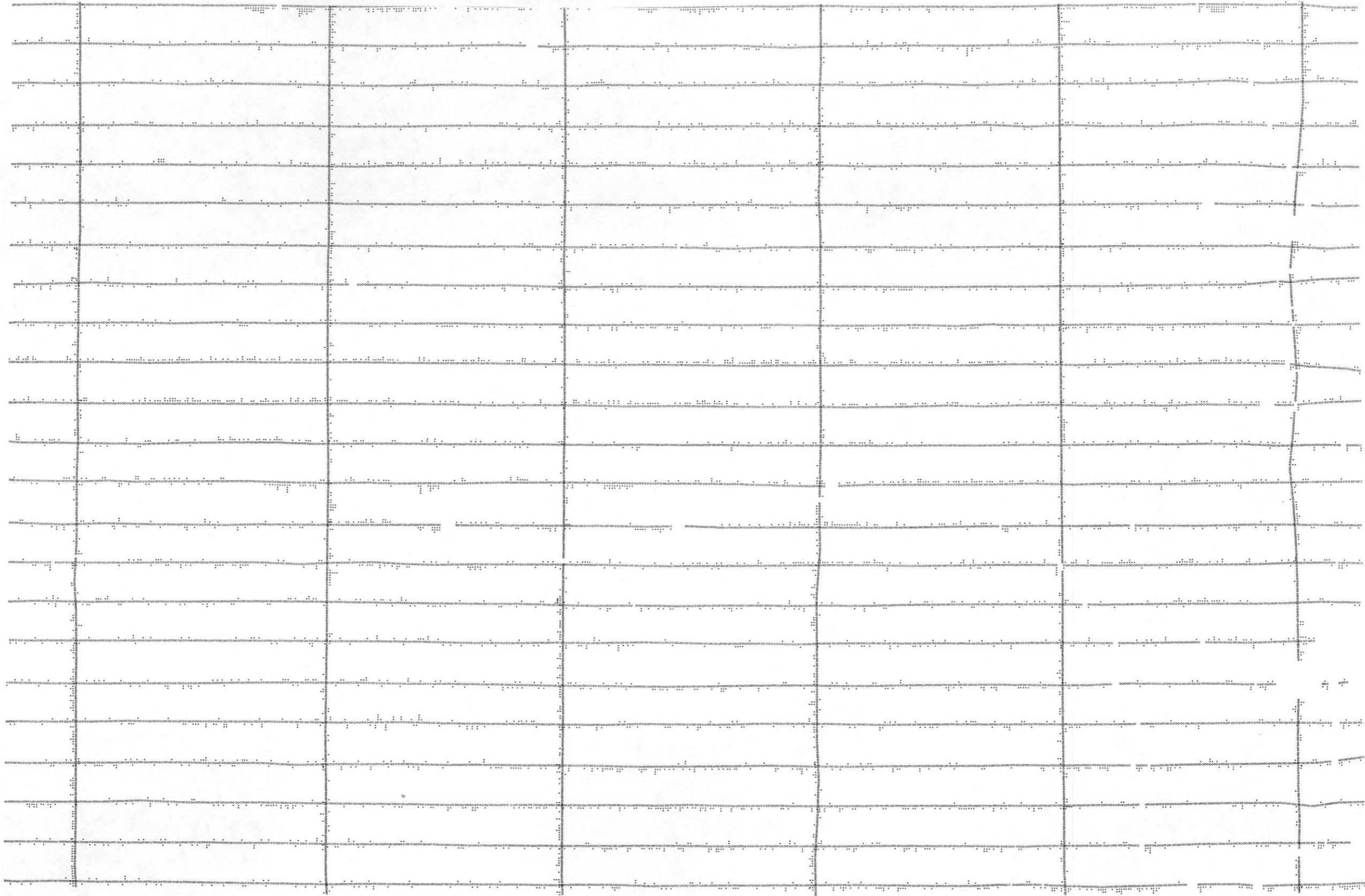
LINE TLOS  
EAST SALINA BASIN - FREMONT - NIMS NK 14-9 - GEOMETRICS  
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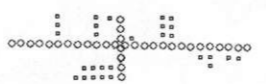
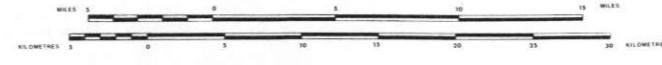
EAST SALINA BASIN - FREMONT - NTMS NK 14-9 - GEOMETRICS  
 LINE TLO6  
 DATA ACQUIRED 1976







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 PLATTI	NK 14.8 MORRIS BLVD	NK 14.9 MORRIS BLVD	NK 15.7 DODGE CITY	NK 15.8 DODGE CITY
NK 14.10 MC COOK	NK 14.11 MORRIS BLVD	NK 14.12 MORRIS BLVD	NK 15.10 MORRIS BLVD	NK 15.11 MORRIS BLVD
NJ 14.1 *DODGE CITY	NJ 14.2 MORRIS BLVD	NJ 14.3 MORRIS BLVD	NJ 15.1 MORRIS BLVD	NJ 15.2 MORRIS BLVD
NJ 14.4 DODGE CITY	NJ 14.5 MORRIS BLVD	NJ 14.6 MORRIS BLVD	NJ 15.4 MORRIS BLVD	NJ 15.5 MORRIS BLVD
NJ 14.7 DODGE CITY	NJ 14.8 MORRIS BLVD	NJ 14.9 MORRIS BLVD	NJ 15.7 MORRIS BLVD	NJ 15.8 MORRIS BLVD

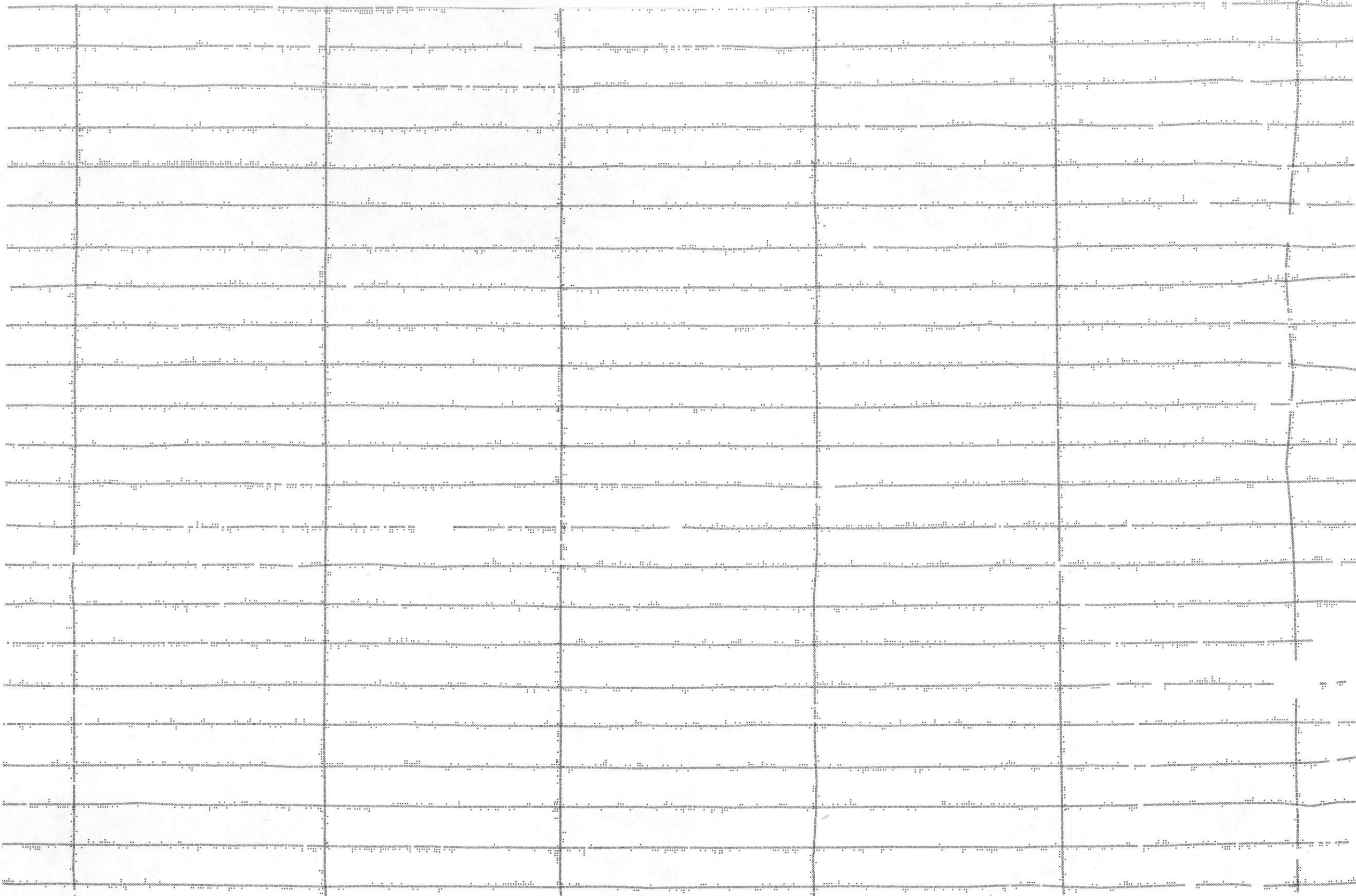
LOCATION INDEX

POTASSIUM ANOMALY MAP

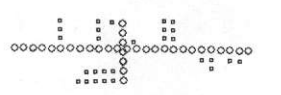
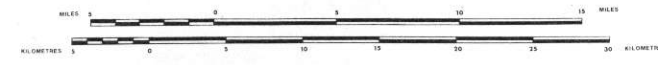
EAST SALINA BASIN AREA

U. S. DEPARTMENT OF ENERGY

SURVEY AND  
 COMPILED BY  
 geoMetrics



SCALE 1:500,000



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

NK 14-7	NK 14-8	NK 14-9	NK 14-10	NK 14-11	NK 14-12	NK 14-13	NK 14-14	NK 14-15	NK 14-16	NK 14-17	NK 14-18	NK 14-19	NK 14-20	NK 14-21	NK 14-22	NK 14-23	NK 14-24	NK 14-25	NK 14-26	NK 14-27	NK 14-28	NK 14-29	NK 14-30	NK 14-31	NK 14-32	NK 14-33	NK 14-34	NK 14-35	NK 14-36	NK 14-37	NK 14-38	NK 14-39	NK 14-40	NK 14-41	NK 14-42	NK 14-43	NK 14-44	NK 14-45	NK 14-46	NK 14-47	NK 14-48	NK 14-49	NK 14-50	NK 14-51	NK 14-52	NK 14-53	NK 14-54	NK 14-55	NK 14-56	NK 14-57	NK 14-58	NK 14-59	NK 14-60	NK 14-61	NK 14-62	NK 14-63	NK 14-64	NK 14-65	NK 14-66	NK 14-67	NK 14-68	NK 14-69	NK 14-70	NK 14-71	NK 14-72	NK 14-73	NK 14-74	NK 14-75	NK 14-76	NK 14-77	NK 14-78	NK 14-79	NK 14-80	NK 14-81	NK 14-82	NK 14-83	NK 14-84	NK 14-85	NK 14-86	NK 14-87	NK 14-88	NK 14-89	NK 14-90	NK 14-91	NK 14-92	NK 14-93	NK 14-94	NK 14-95	NK 14-96	NK 14-97	NK 14-98	NK 14-99	NK 14-100
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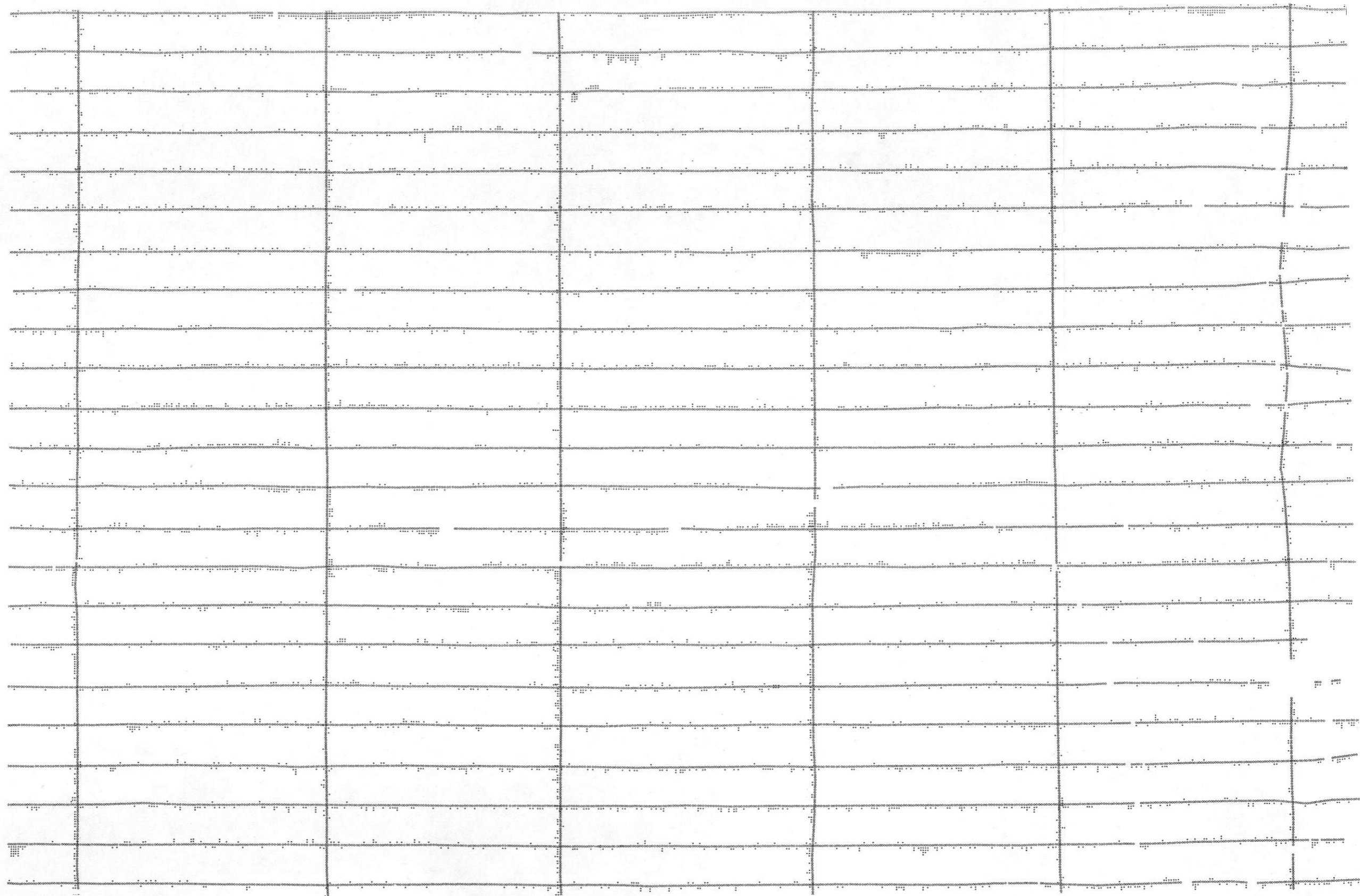
SURVEY AND  
 COMPILATION BY:  

 geoMetrics

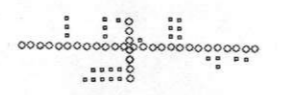
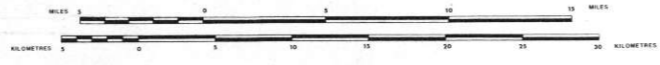
URANIUM ANOMALY MAP

EAST SALINA BASIN AREA

U. S. DEPARTMENT OF ENERGY



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.

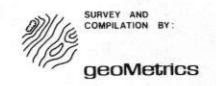
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NORTH DAKOTA	NEBRASKA	NEBRASKA	NEBRASKA	NEBRASKA
NK 14-10	NK 14-11	NK 14-12	NK 15-10	NK 15-11
NEBRASKA	NEBRASKA	NEBRASKA	NEBRASKA	NEBRASKA
NJ 14-1	NJ 14-2	NJ 14-3	NJ 15-1	NJ 15-2
MISSOURI	MISSOURI	MISSOURI	MISSOURI	MISSOURI
DOUGLAS CITY	DOUGLAS CITY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

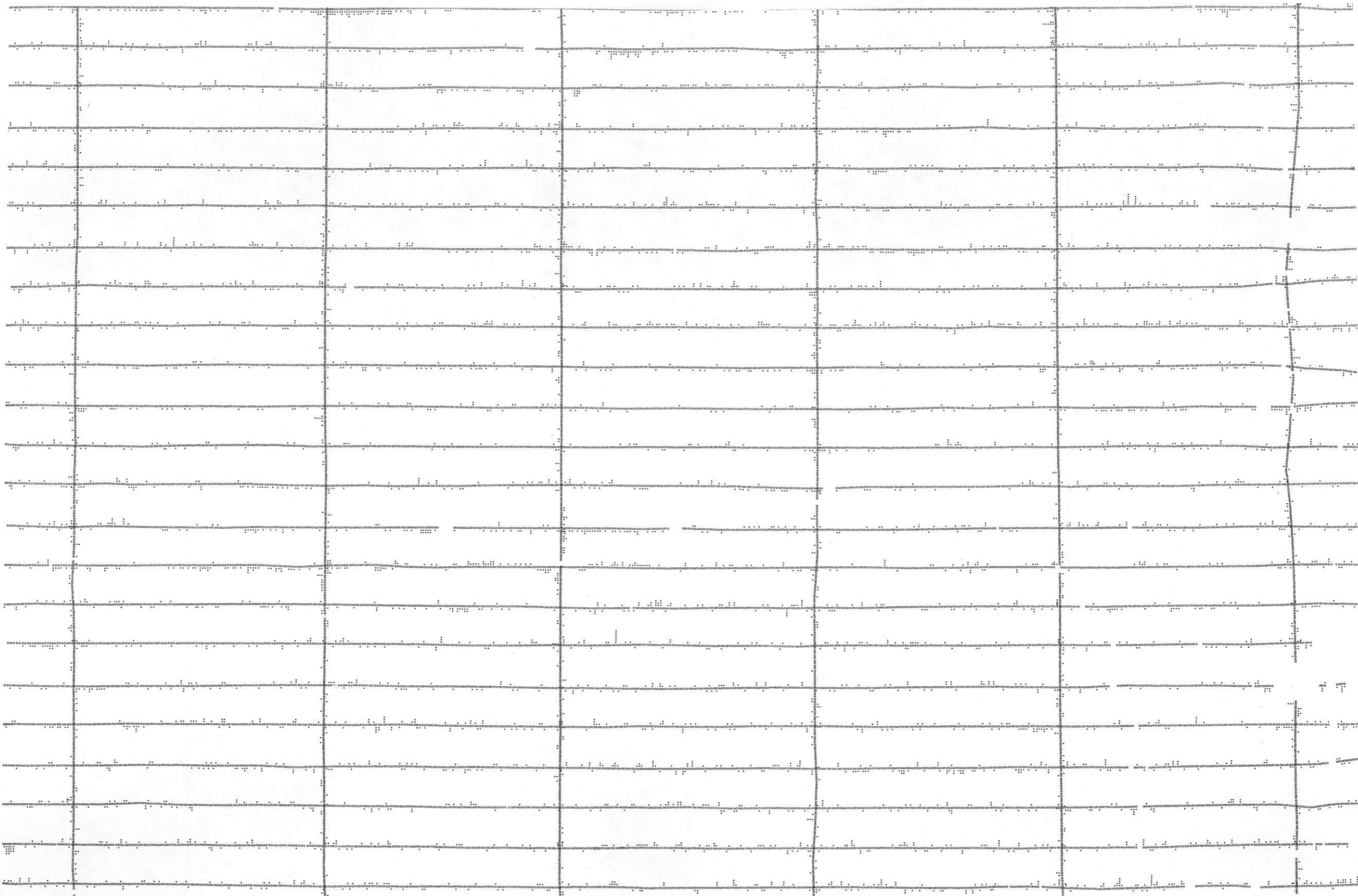
LOCATION INDEX

THORIUM ANOMALY MAP

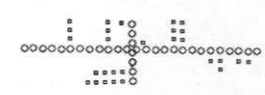
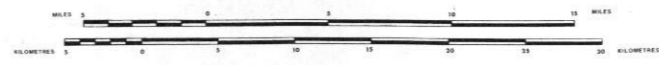
EAST SALINA BASIN AREA

U. S. DEPARTMENT OF ENERGY





SCALE 1:500,000



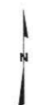
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NOTE: ON E-W LINES, +σ TO NORTH, -σ TO SOUTH.  
 ON N-S LINES, +σ TO WEST, -σ TO EAST.

NK 14.2	NK 14.8	NK 14.9	NK 15.7	NK 15.8
NK 14.10	NK 14.11	NK 14.12	NK 15.10	NK 15.11
NJ 14.1	NJ 14.2	NJ 14.3	NJ 15.1	NJ 15.2
NJ 14.4	NJ 14.5	NJ 14.6	NJ 15.4	NJ 15.5
NJ 14.7	NJ 14.8	NJ 14.9	NJ 15.7	NJ 15.8

LOCATION INDEX

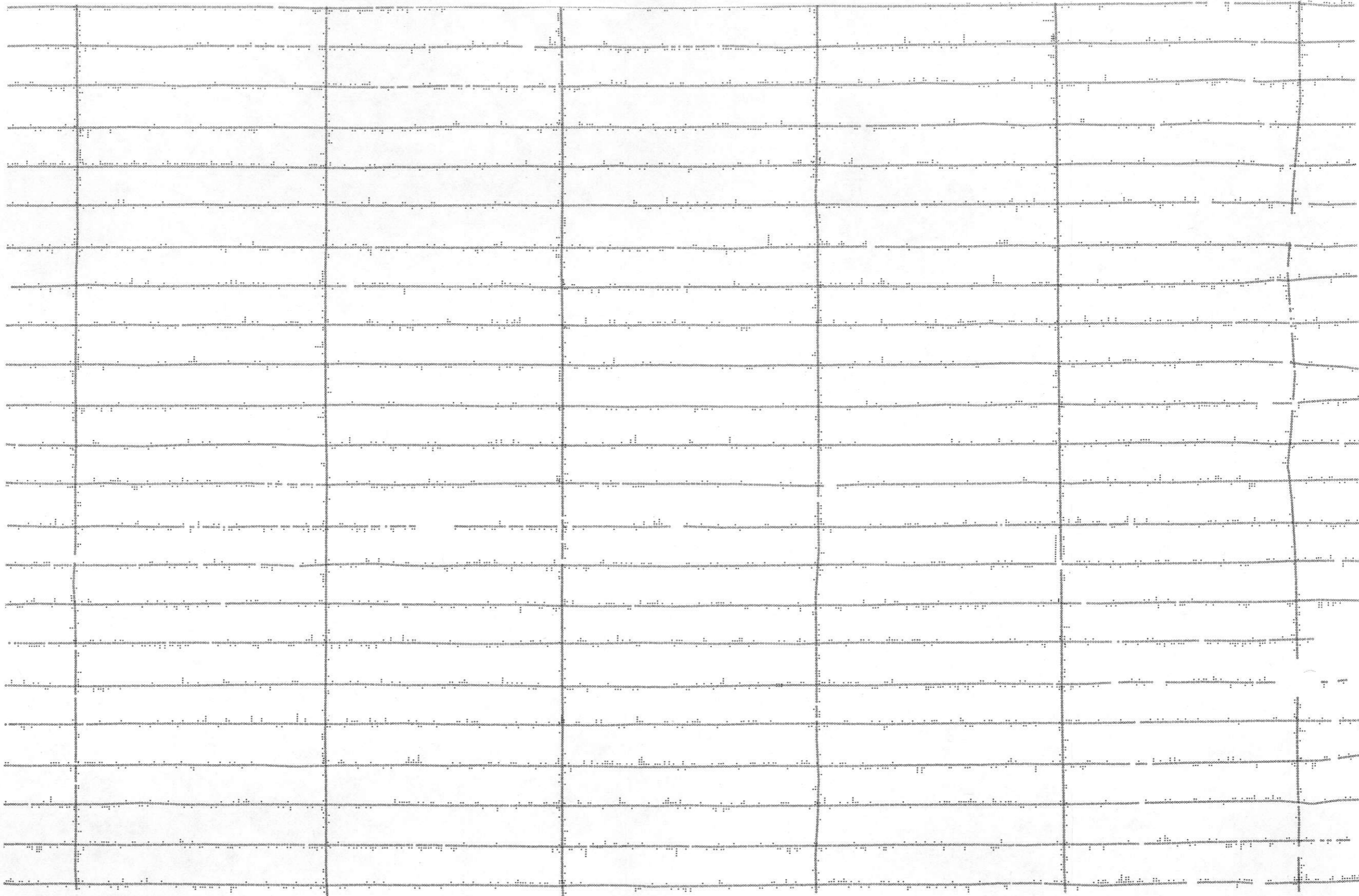
SURVEY AND  
 COMPILATION BY:  
 geoMetrics



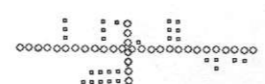
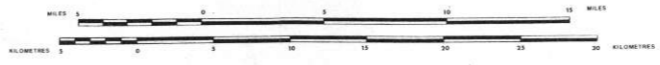
THORIUM/POTASSIUM ANOMALY MAP

EAST SALINA BASIN AREA

U. S. DEPARTMENT OF ENERGY



SCALE 1:500,000



○ - DATA STATISTICALLY ADEQUATE  
 ■ - DATA STATISTICALLY INADEQUATE  
 ■ - +σ ABOUT MEASURE OF CENTRAL TENDENCY  
 ⊠ - -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 NORTH PLATTE NEBRASKA	NK 14-8 NEBRASKA	NK 14-9 NEBRASKA	NK 14-10 NEBRASKA	NK 14-11 NEBRASKA	NK 14-12 NEBRASKA	NK 15-1 IOWA	NK 15-2 IOWA	NK 15-3 IOWA	NK 15-4 IOWA	NK 15-5 IOWA	NK 15-6 IOWA	NK 15-7 IOWA	NK 15-8 IOWA	NK 15-9 IOWA	NK 15-10 IOWA	NK 15-11 IOWA
NJ 14-1 WOODLAND MISSOURI	NJ 14-2 RELIANT MISSOURI	NJ 14-3 HARRISBURG MISSOURI	NJ 14-4 SCOTT CITY MISSOURI	NJ 14-5 DORSE CITY MISSOURI	NJ 14-6 DORSE CITY MISSOURI	NJ 14-7 DORSE CITY MISSOURI	NJ 14-8 DORSE CITY MISSOURI	NJ 14-9 DORSE CITY MISSOURI	NJ 14-10 DORSE CITY MISSOURI	NJ 14-11 DORSE CITY MISSOURI	NJ 14-12 DORSE CITY MISSOURI	NJ 14-13 DORSE CITY MISSOURI	NJ 14-14 DORSE CITY MISSOURI	NJ 14-15 DORSE CITY MISSOURI	NJ 14-16 DORSE CITY MISSOURI	NJ 14-17 DORSE CITY MISSOURI

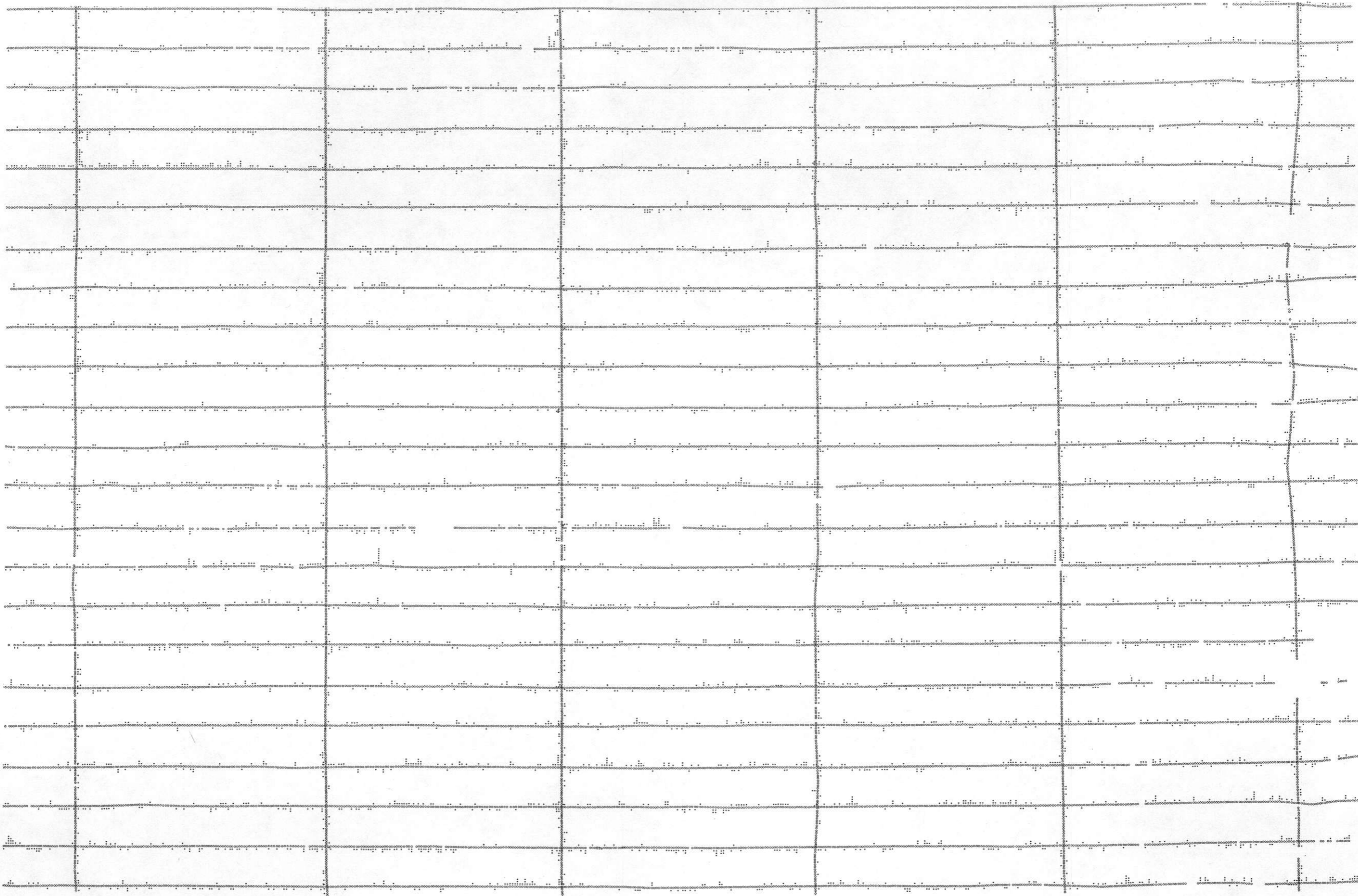
LOCATION INDEX

URANIUM/POTASSIUM ANOMALY MAP

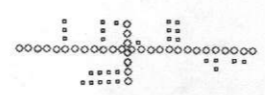
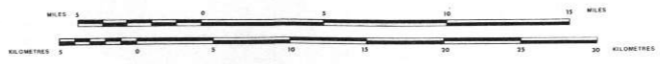
EAST SALINA BASIN AREA

U. S. DEPARTMENT OF ENERGY

SURVEY AND  
 COMPILED BY:  
 geoMetrics



SCALE 1:500,000



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

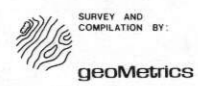
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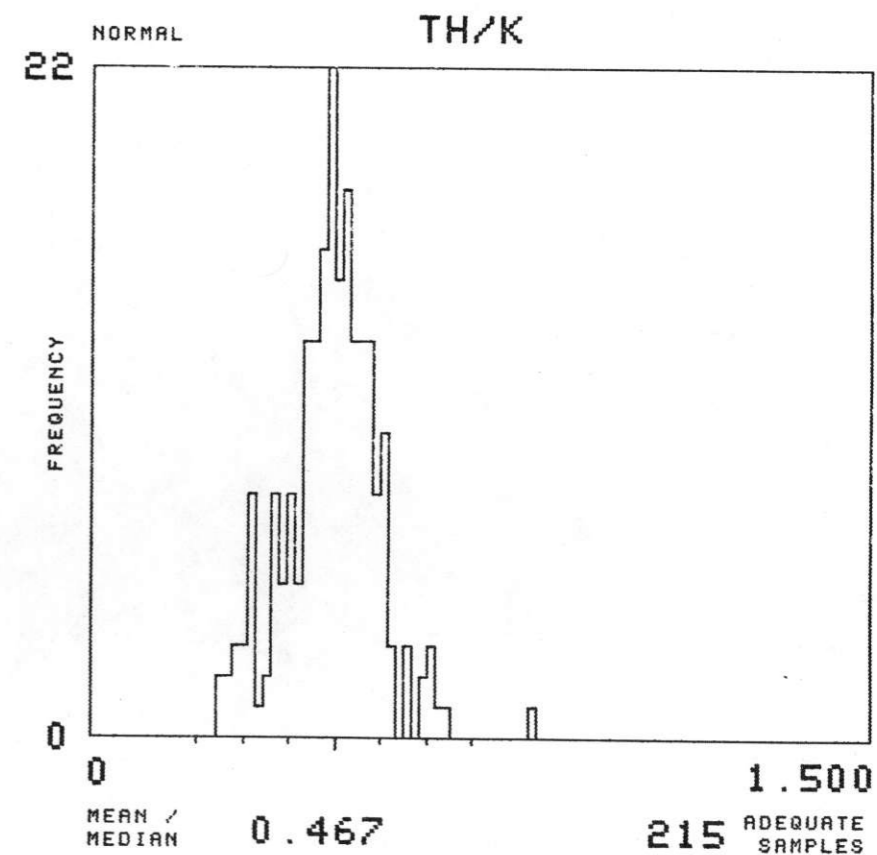
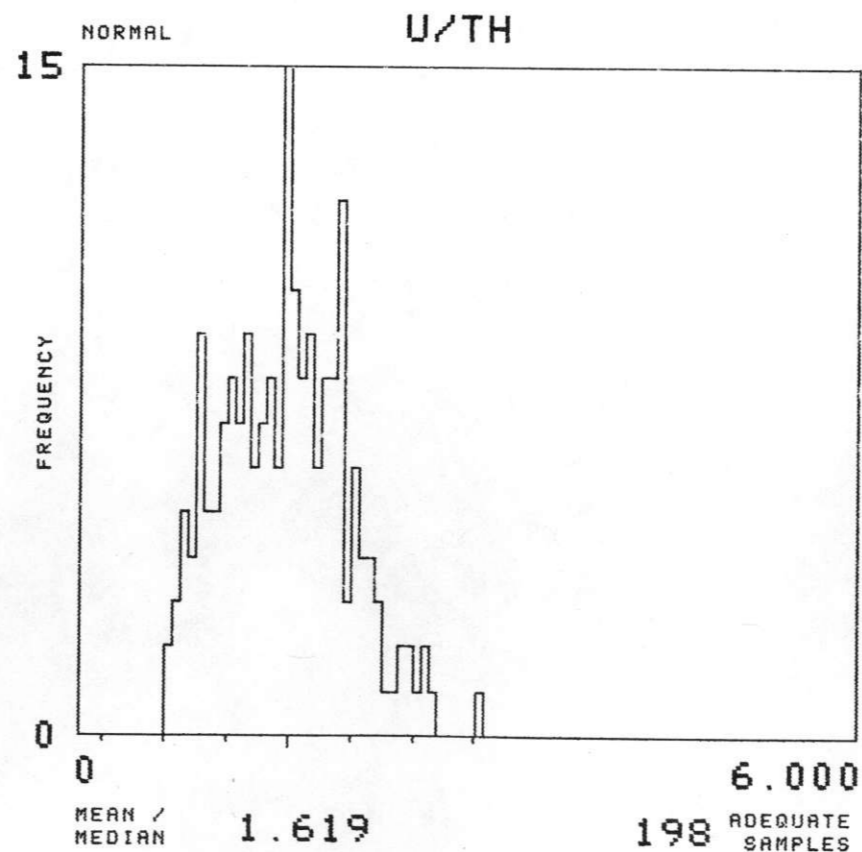
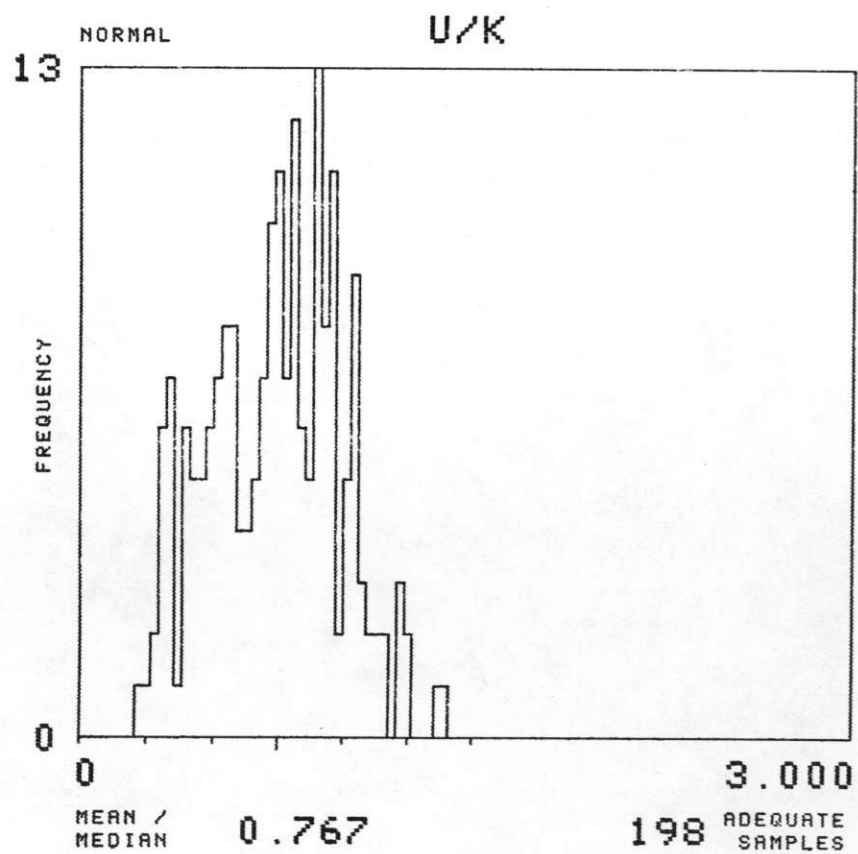
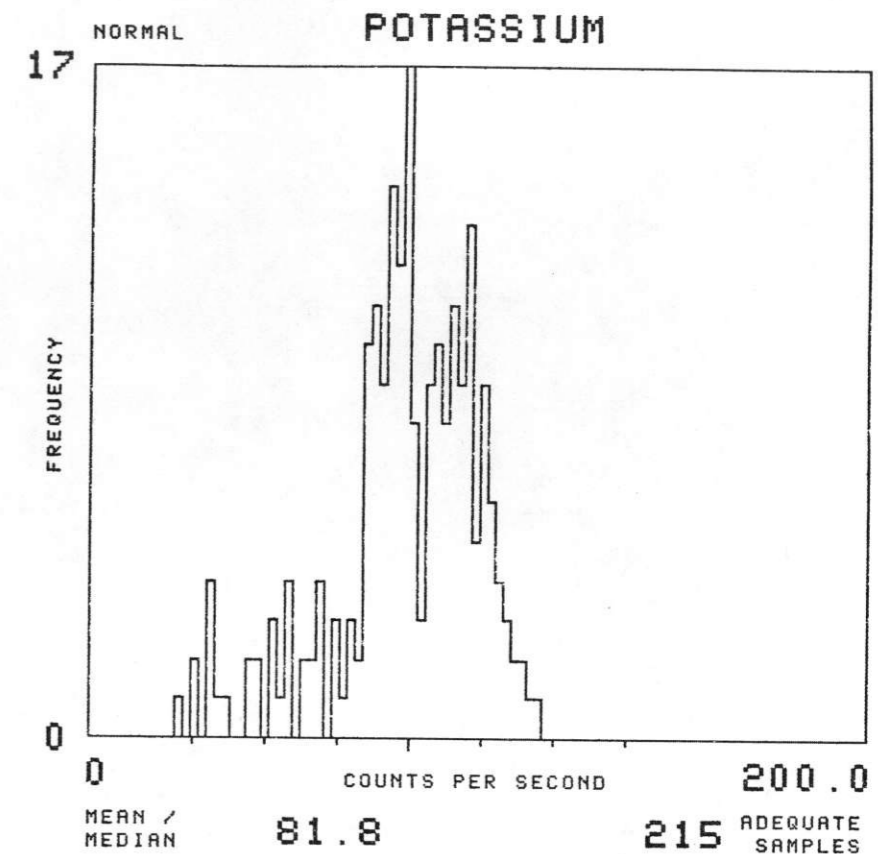
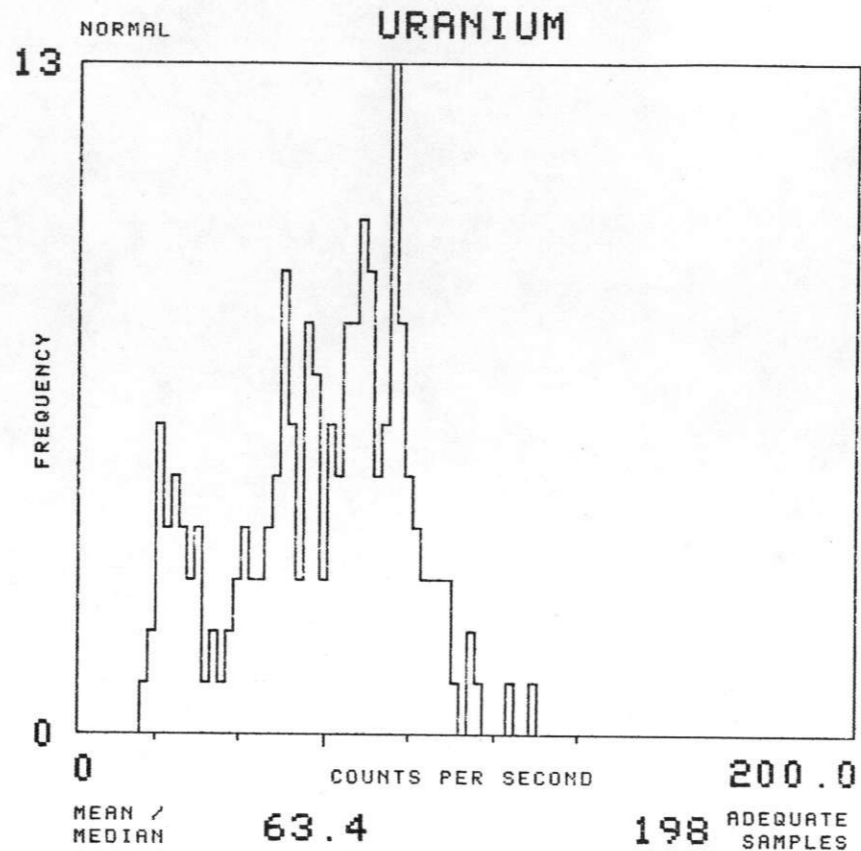
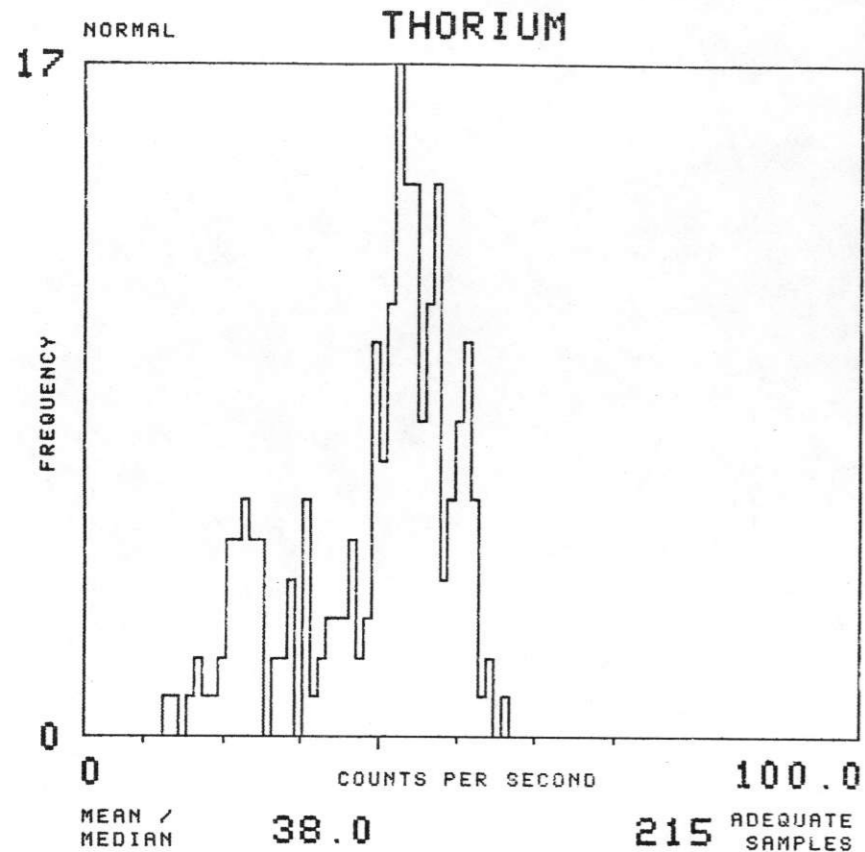
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NK 14.10 NEBRASKA	NK 14.11 NEBRASKA	NK 14.12 NEBRASKA	NK 14.13 NEBRASKA	NK 14.14 NEBRASKA	NK 14.15 NEBRASKA	NK 14.16 NEBRASKA	NK 14.17 NEBRASKA	NK 14.18 NEBRASKA	NK 14.19 NEBRASKA	NK 14.20 NEBRASKA	NK 14.21 NEBRASKA
NK 14.22 NEBRASKA	NK 14.23 NEBRASKA	NK 14.24 NEBRASKA	NK 14.25 NEBRASKA	NK 14.26 NEBRASKA	NK 14.27 NEBRASKA	NK 14.28 NEBRASKA	NK 14.29 NEBRASKA	NK 14.30 NEBRASKA	NK 14.31 NEBRASKA	NK 14.32 NEBRASKA	NK 14.33 NEBRASKA
NK 14.34 NEBRASKA	NK 14.35 NEBRASKA	NK 14.36 NEBRASKA	NK 14.37 NEBRASKA	NK 14.38 NEBRASKA	NK 14.39 NEBRASKA	NK 14.40 NEBRASKA	NK 14.41 NEBRASKA	NK 14.42 NEBRASKA	NK 14.43 NEBRASKA	NK 14.44 NEBRASKA	NK 14.45 NEBRASKA
NK 14.46 NEBRASKA	NK 14.47 NEBRASKA	NK 14.48 NEBRASKA	NK 14.49 NEBRASKA	NK 14.50 NEBRASKA	NK 14.51 NEBRASKA	NK 14.52 NEBRASKA	NK 14.53 NEBRASKA	NK 14.54 NEBRASKA	NK 14.55 NEBRASKA	NK 14.56 NEBRASKA	NK 14.57 NEBRASKA
NK 14.58 NEBRASKA	NK 14.59 NEBRASKA	NK 14.60 NEBRASKA	NK 14.61 NEBRASKA	NK 14.62 NEBRASKA	NK 14.63 NEBRASKA	NK 14.64 NEBRASKA	NK 14.65 NEBRASKA	NK 14.66 NEBRASKA	NK 14.67 NEBRASKA	NK 14.68 NEBRASKA	NK 14.69 NEBRASKA
NK 14.70 NEBRASKA	NK 14.71 NEBRASKA	NK 14.72 NEBRASKA	NK 14.73 NEBRASKA	NK 14.74 NEBRASKA	NK 14.75 NEBRASKA	NK 14.76 NEBRASKA	NK 14.77 NEBRASKA	NK 14.78 NEBRASKA	NK 14.79 NEBRASKA	NK 14.80 NEBRASKA	NK 14.81 NEBRASKA
NK 14.82 NEBRASKA	NK 14.83 NEBRASKA	NK 14.84 NEBRASKA	NK 14.85 NEBRASKA	NK 14.86 NEBRASKA	NK 14.87 NEBRASKA	NK 14.88 NEBRASKA	NK 14.89 NEBRASKA	NK 14.90 NEBRASKA	NK 14.91 NEBRASKA	NK 14.92 NEBRASKA	NK 14.93 NEBRASKA
NK 14.94 NEBRASKA	NK 14.95 NEBRASKA	NK 14.96 NEBRASKA	NK 14.97 NEBRASKA	NK 14.98 NEBRASKA	NK 14.99 NEBRASKA	NK 15.00 NEBRASKA	NK 15.01 NEBRASKA	NK 15.02 NEBRASKA	NK 15.03 NEBRASKA	NK 15.04 NEBRASKA	NK 15.05 NEBRASKA

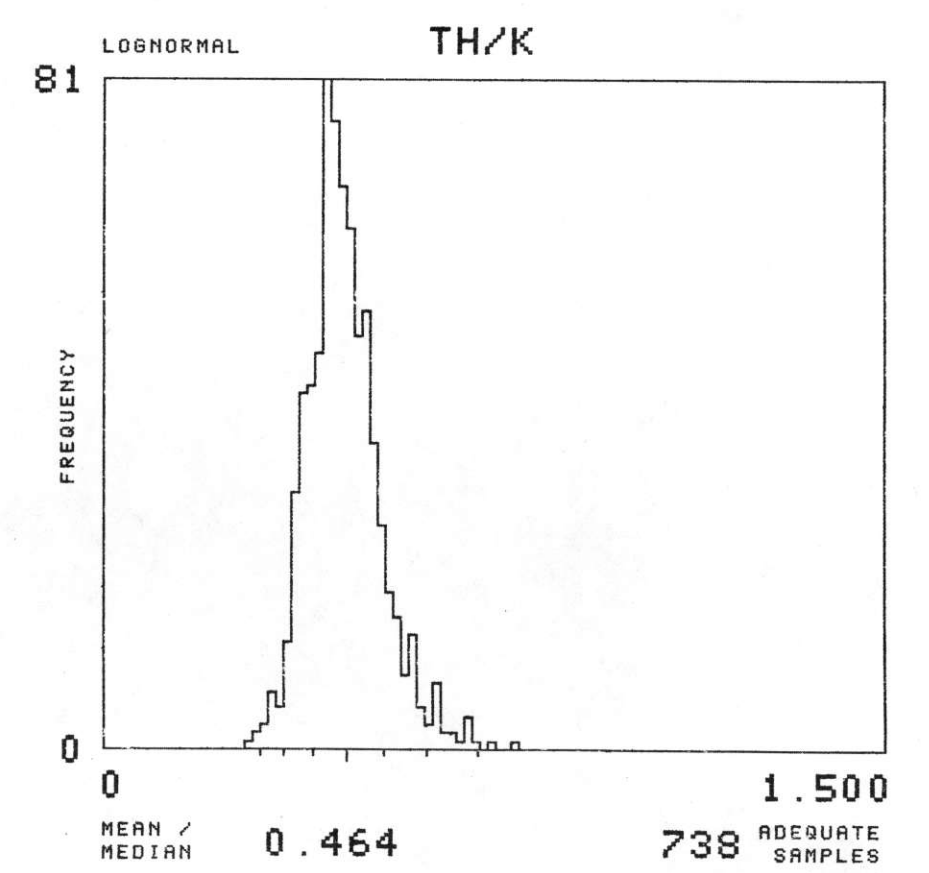
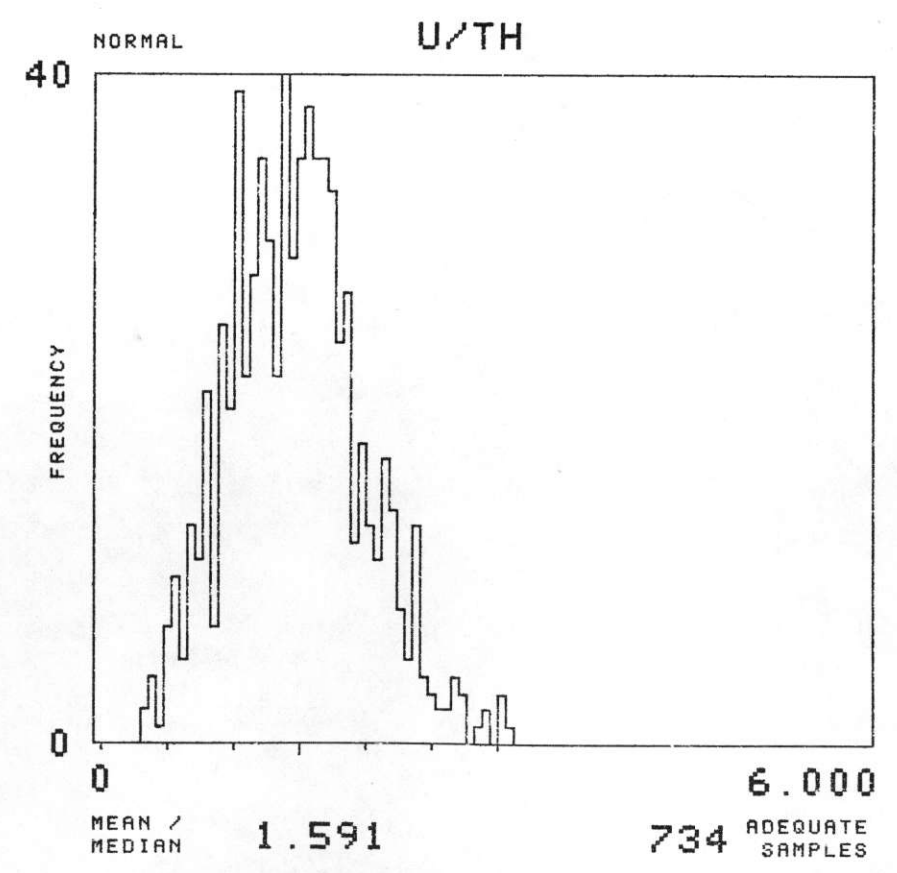
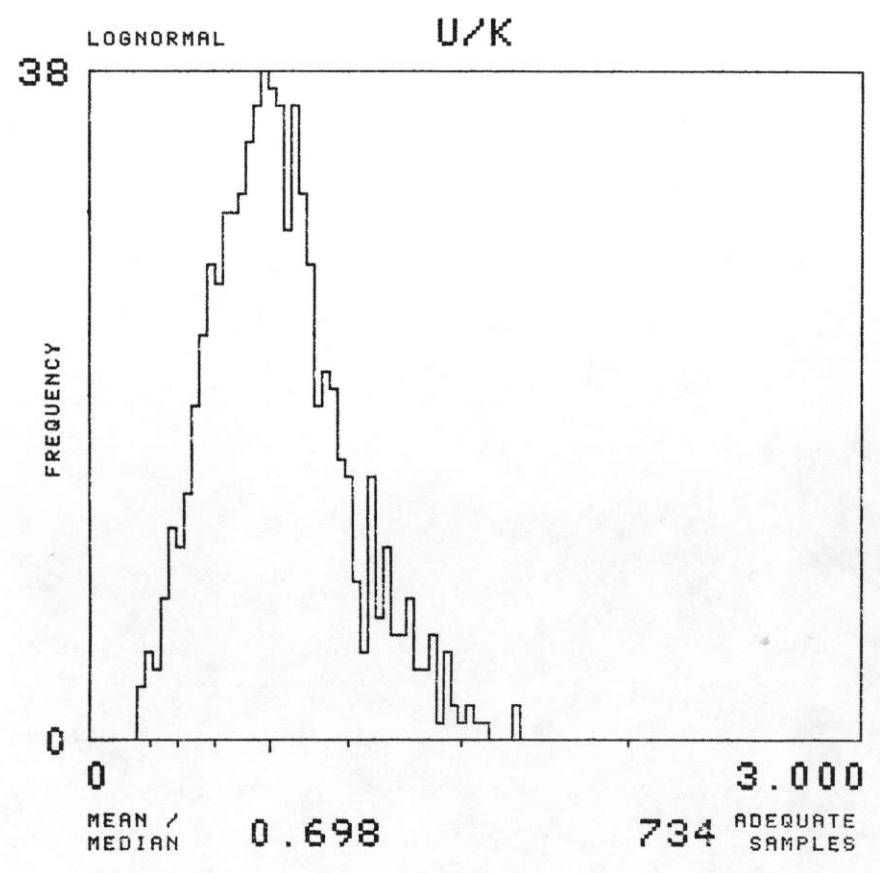
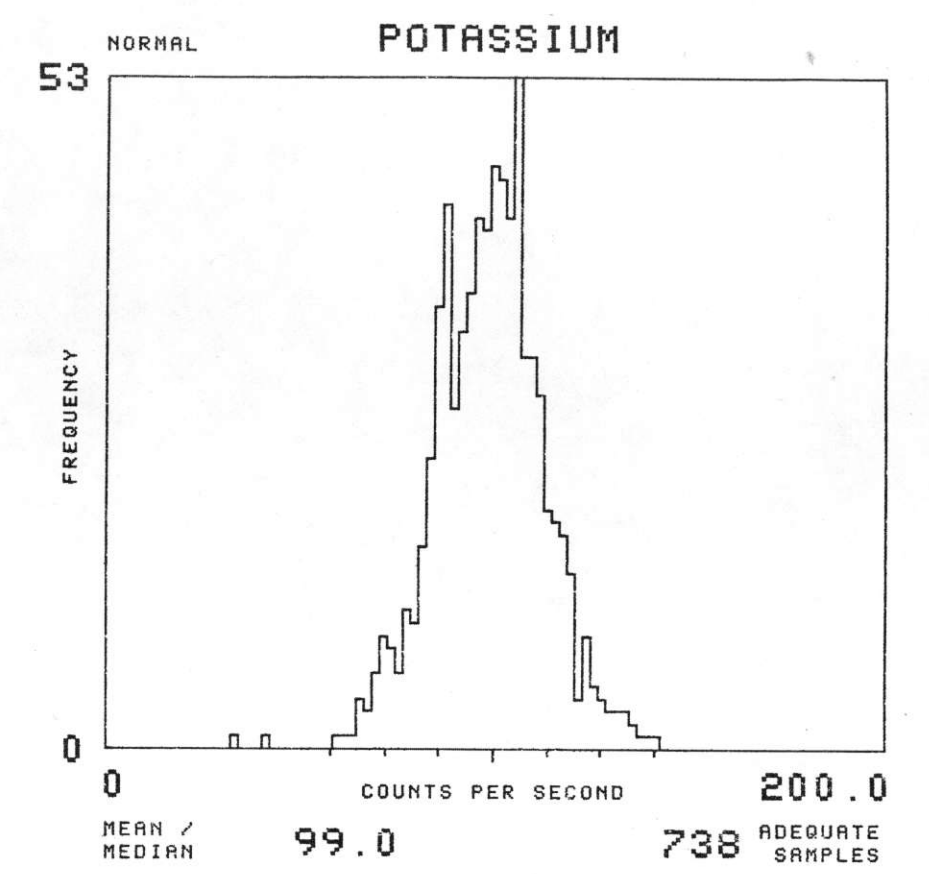
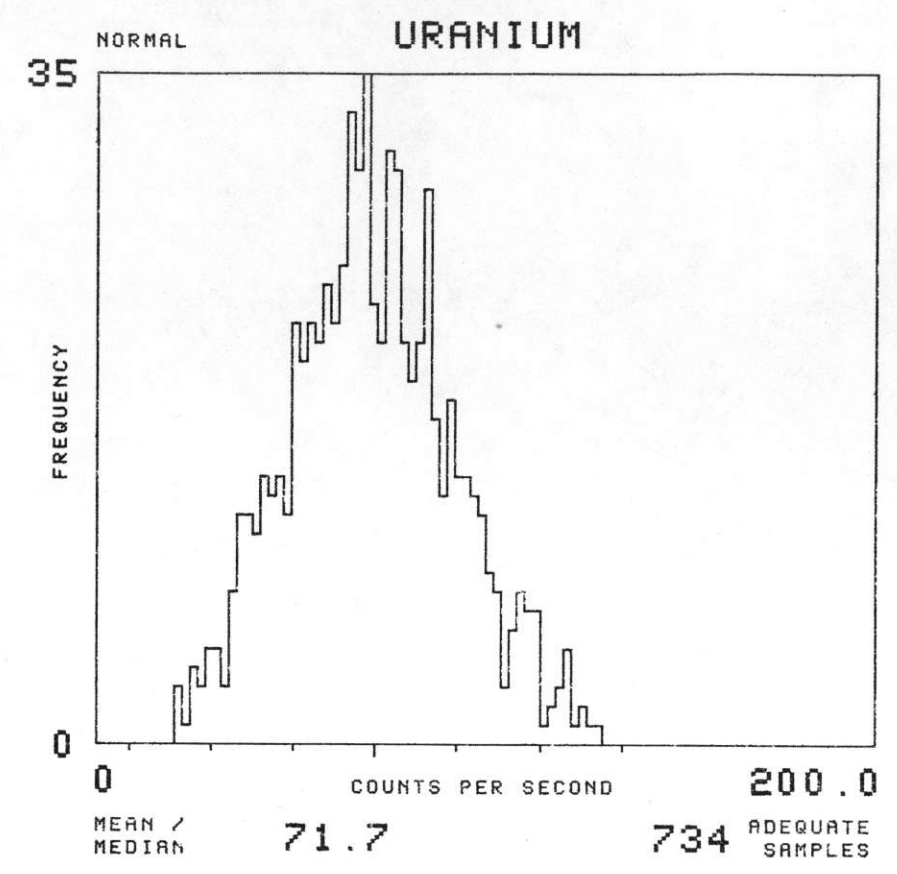
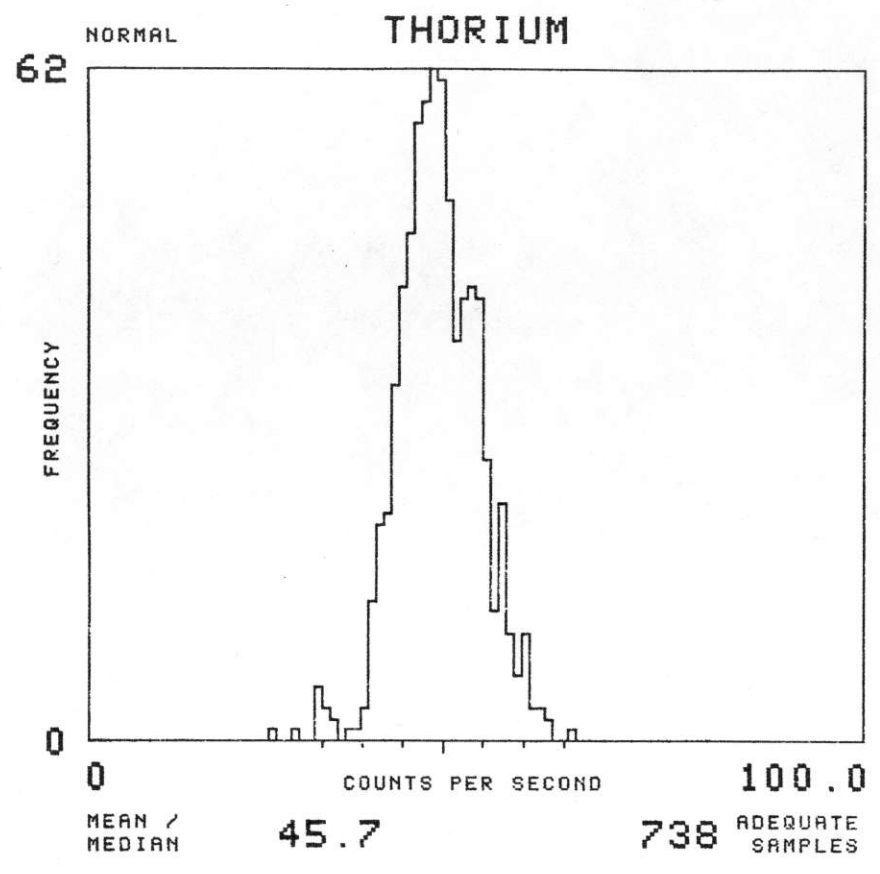
URANIUM/THORIUM ANOMALY MAP

EAST SALINA BASIN AREA

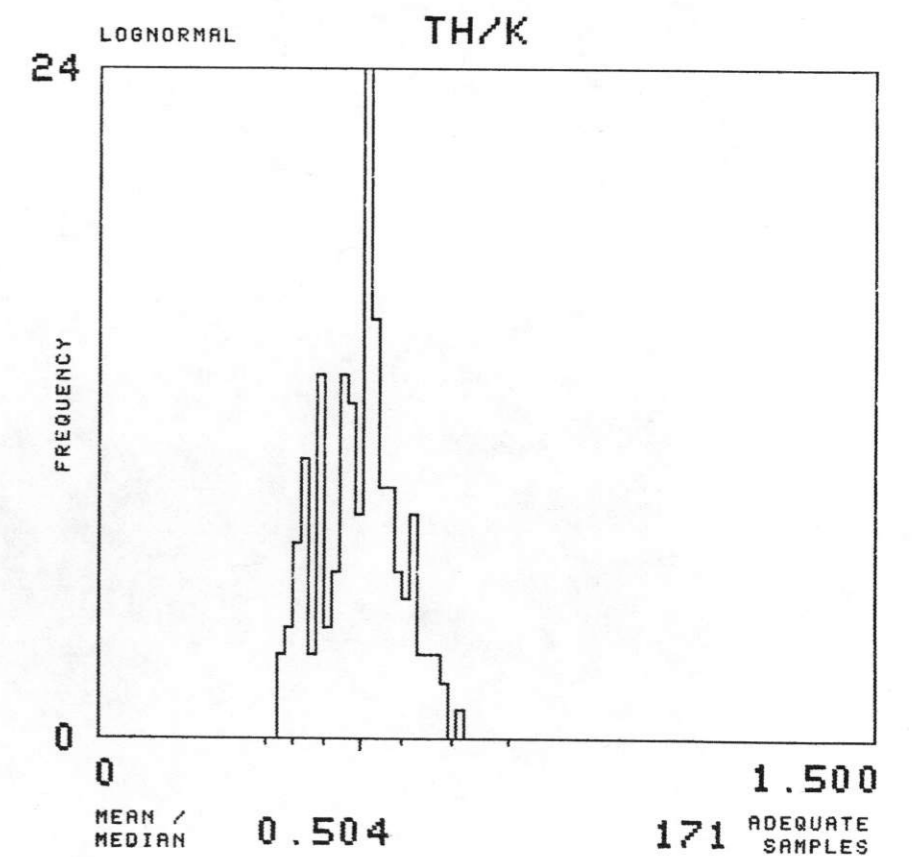
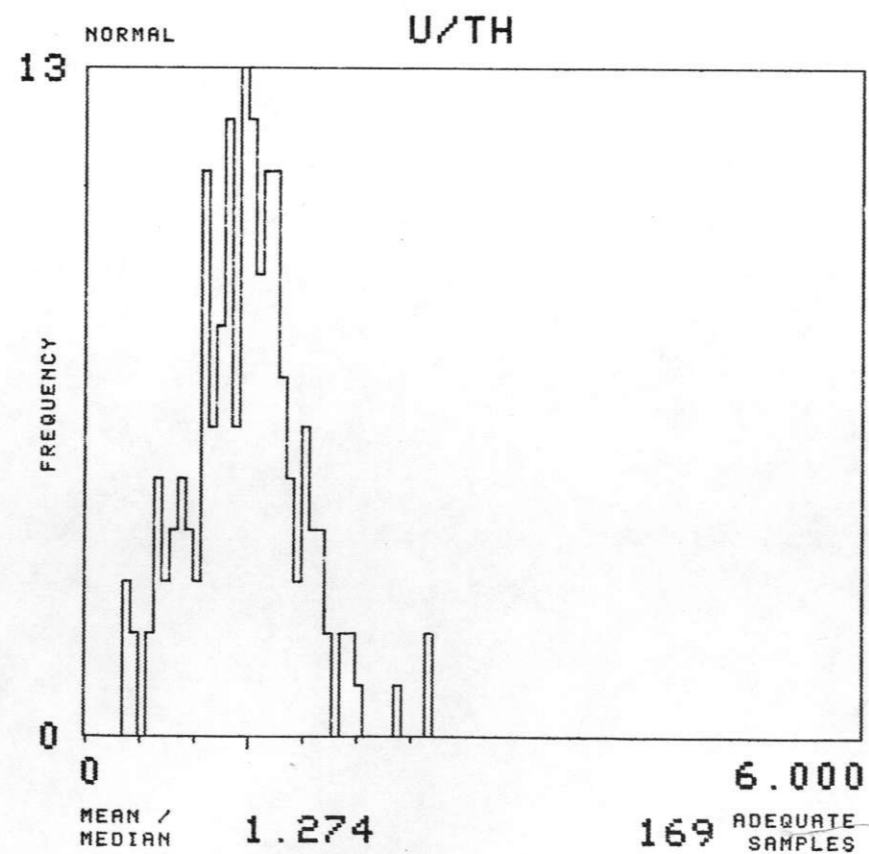
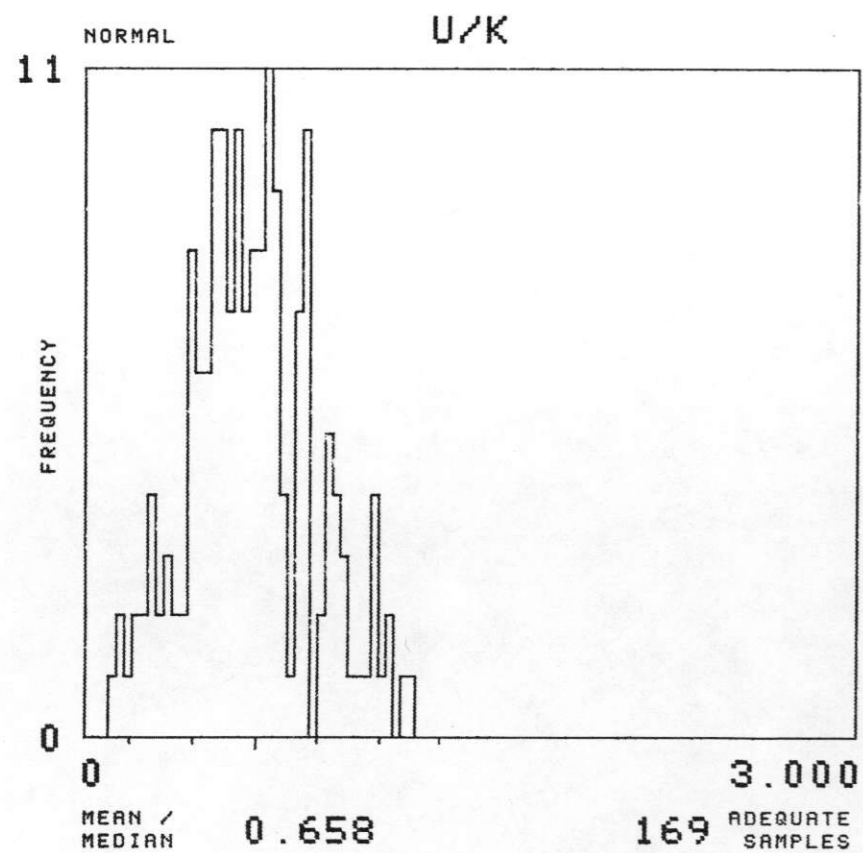
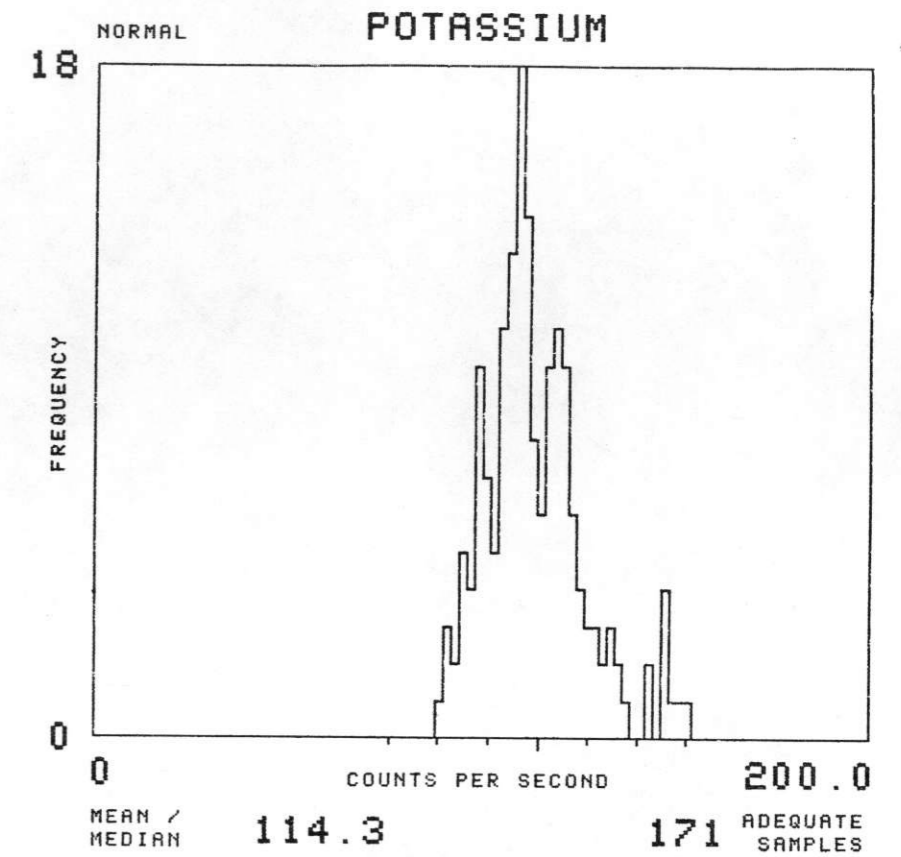
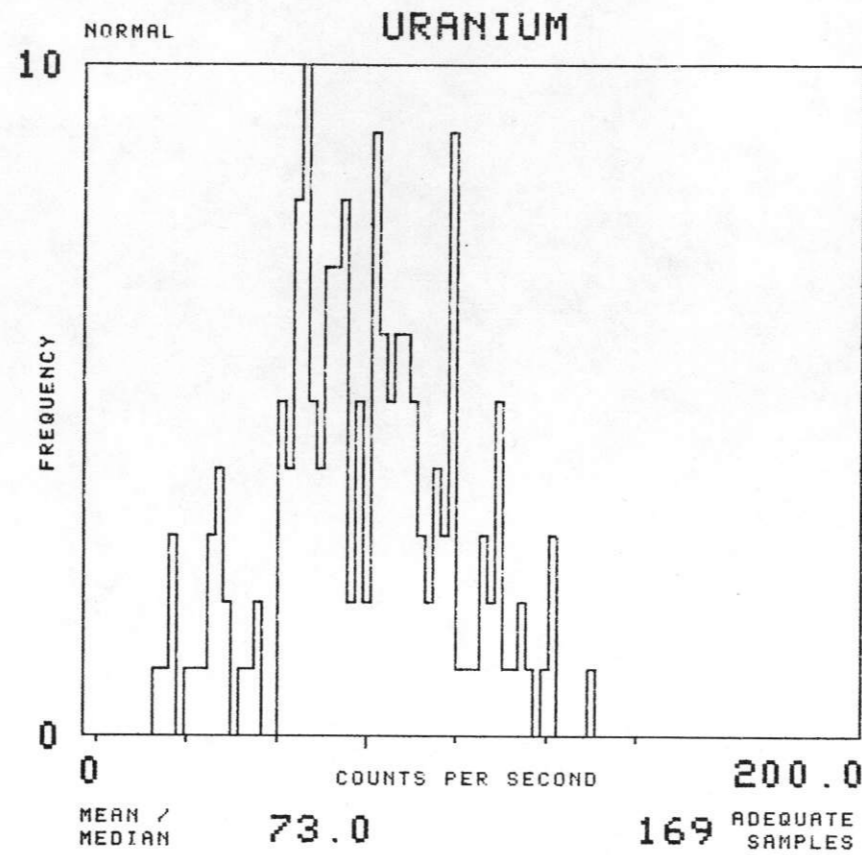
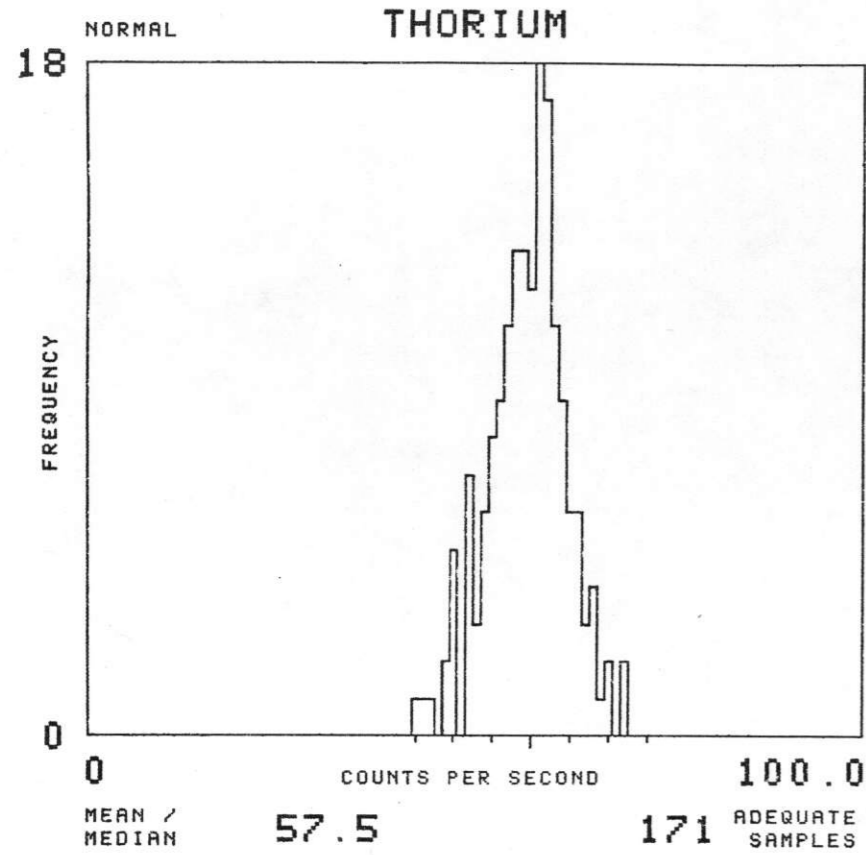
U. S. DEPARTMENT OF ENERGY







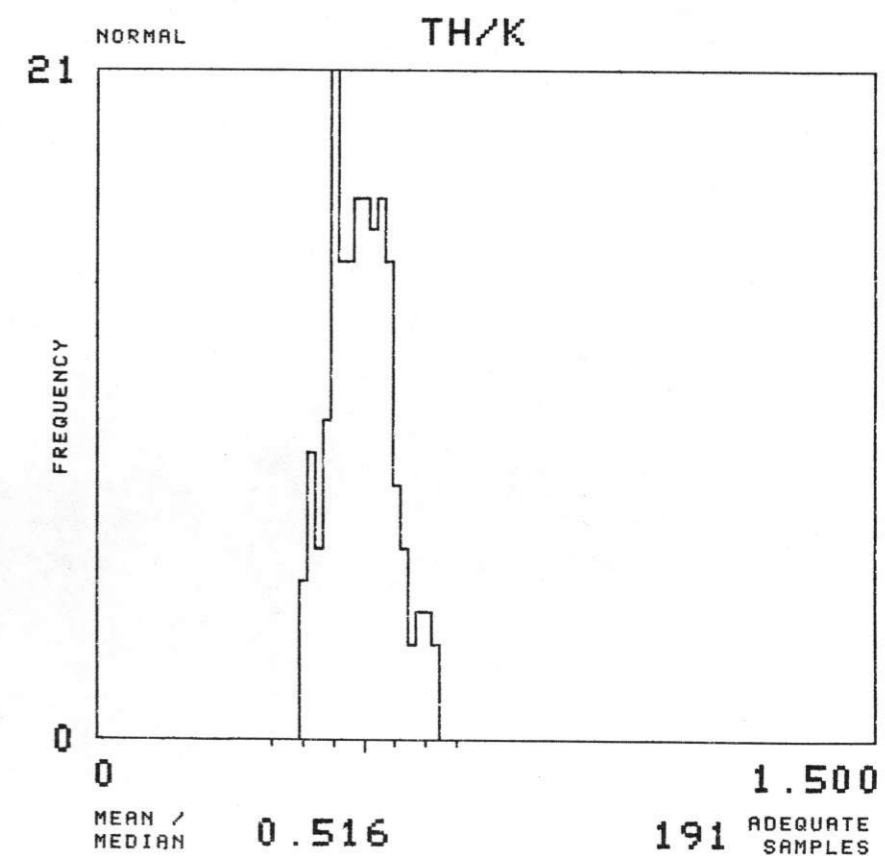
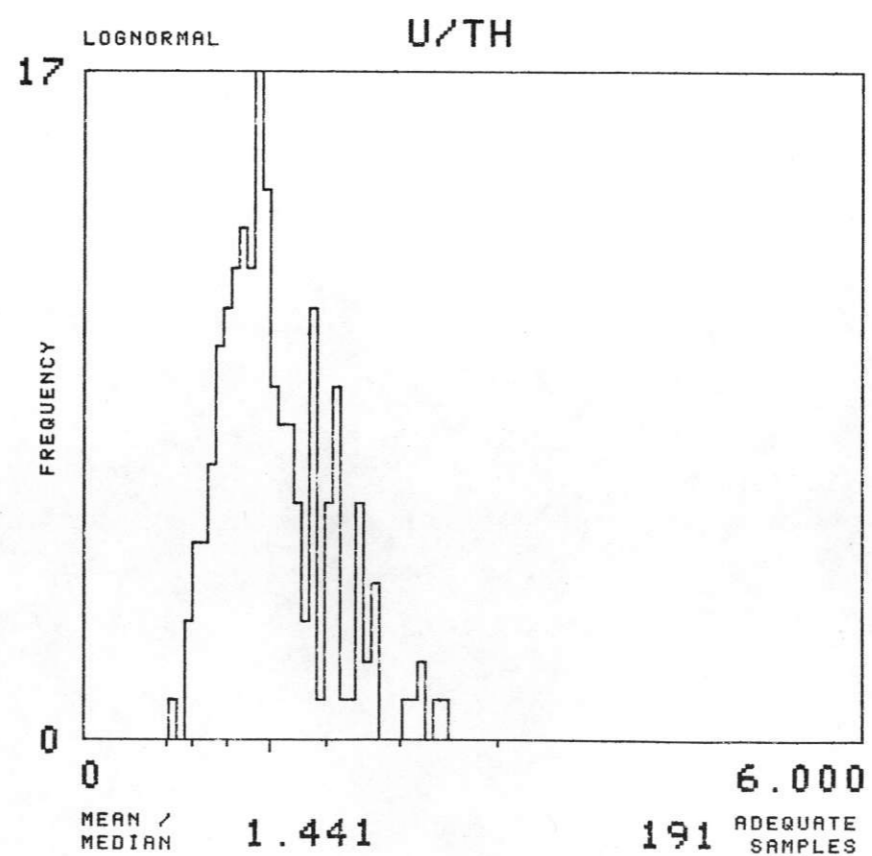
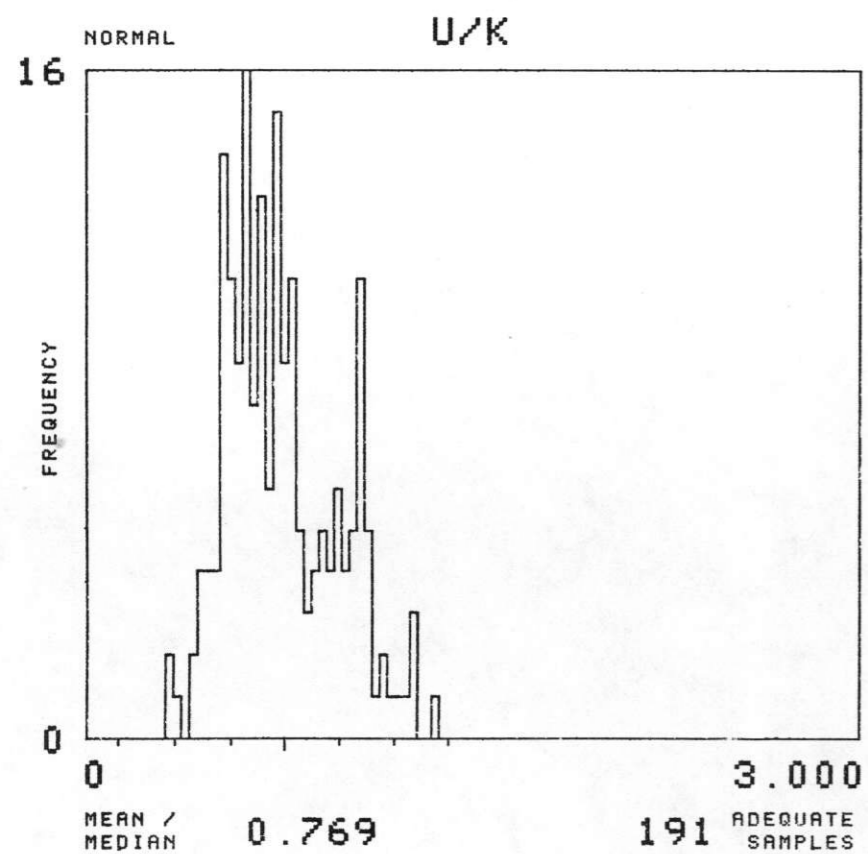
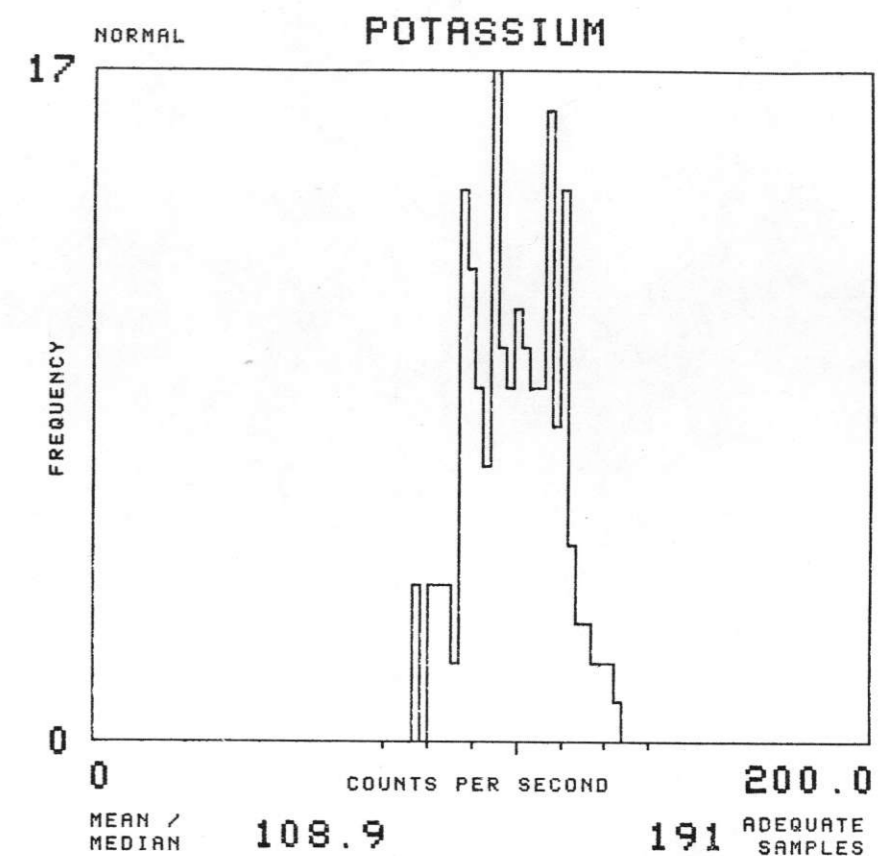
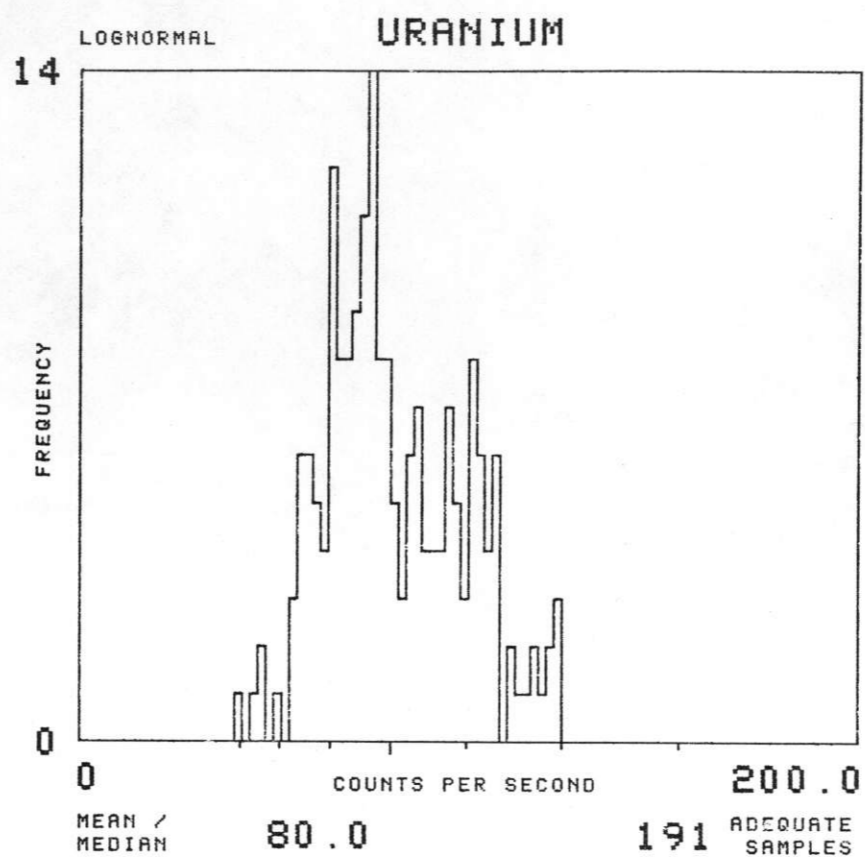
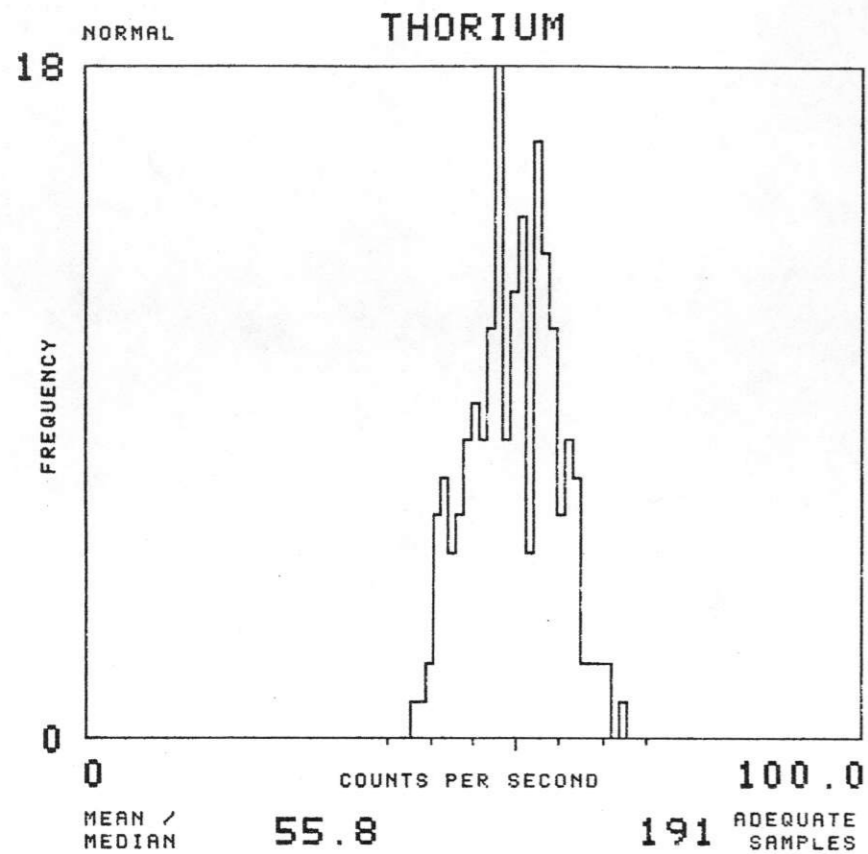


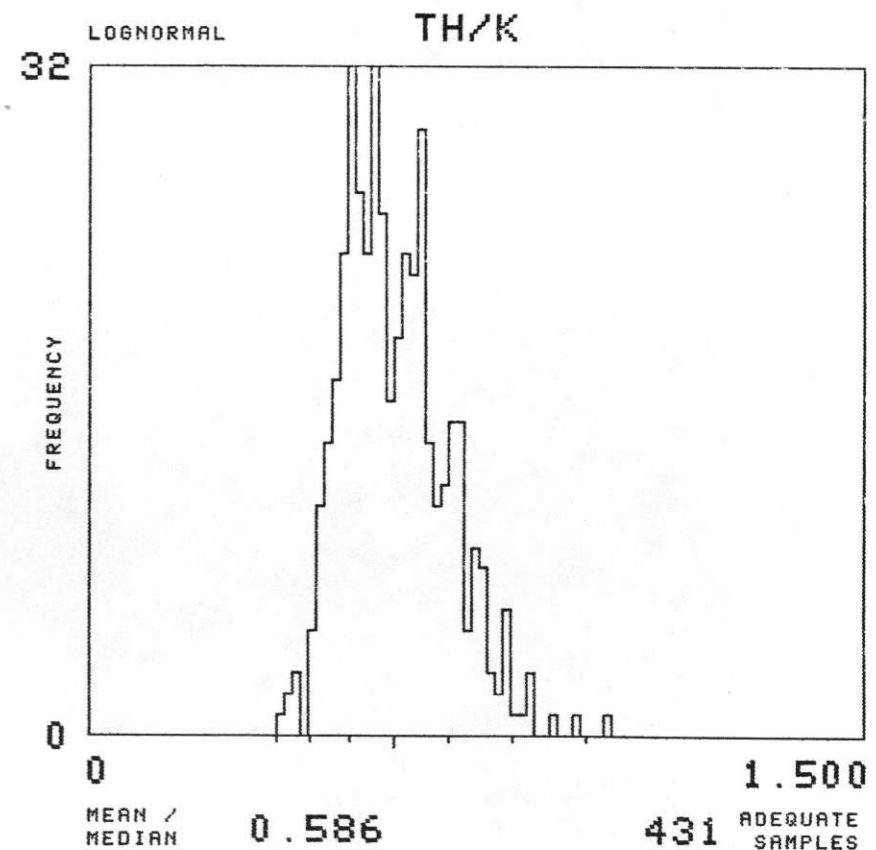
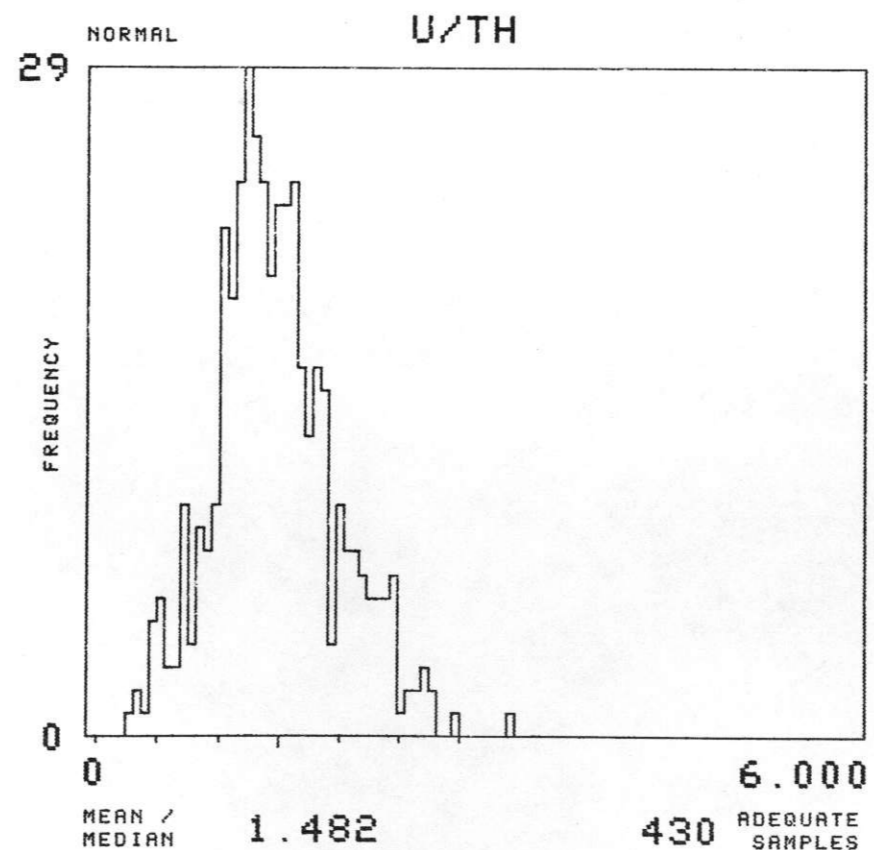
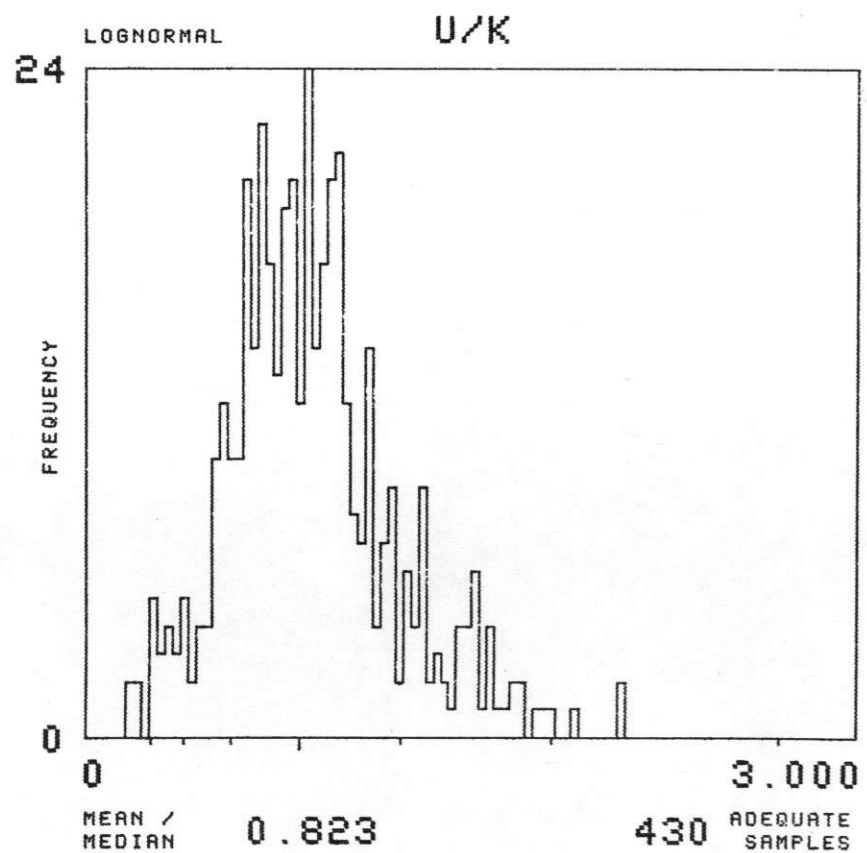
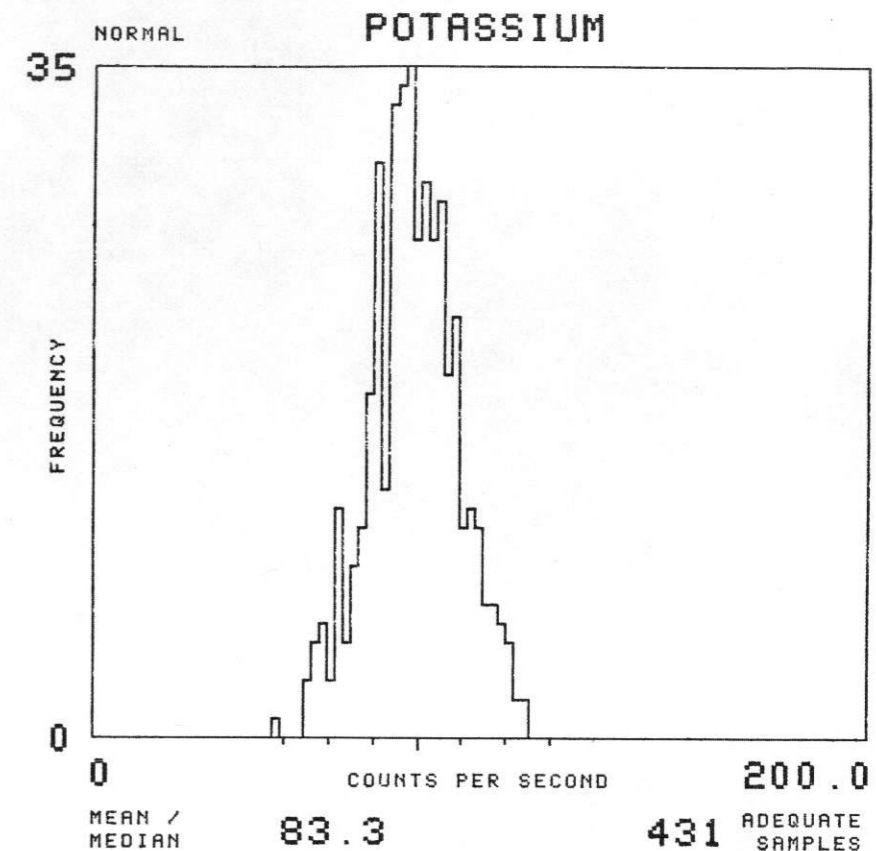
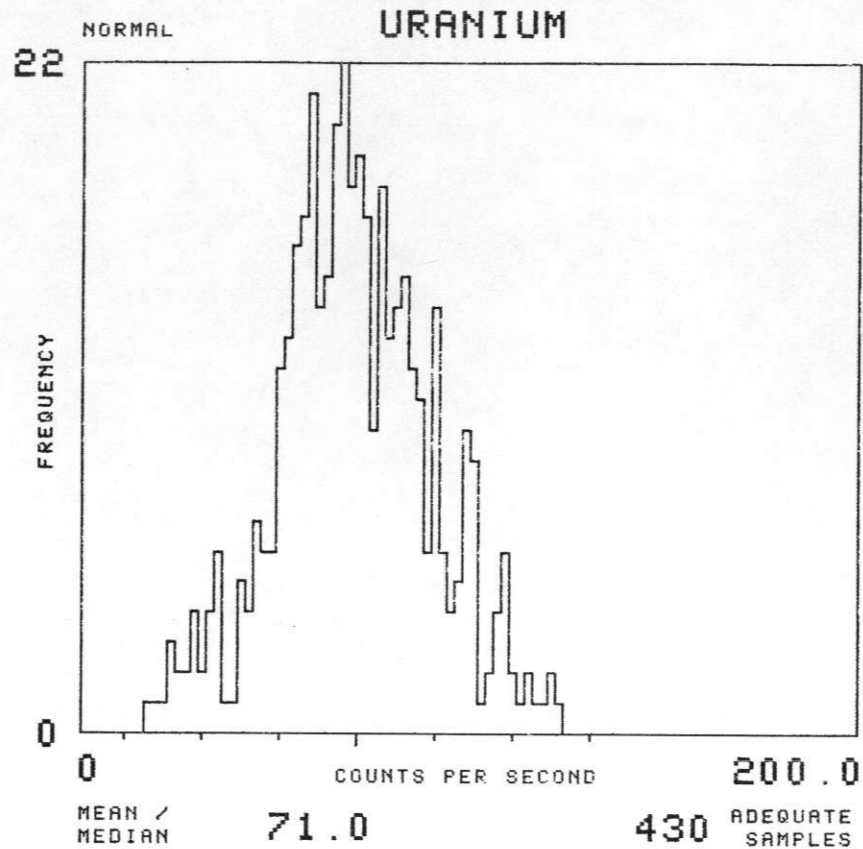
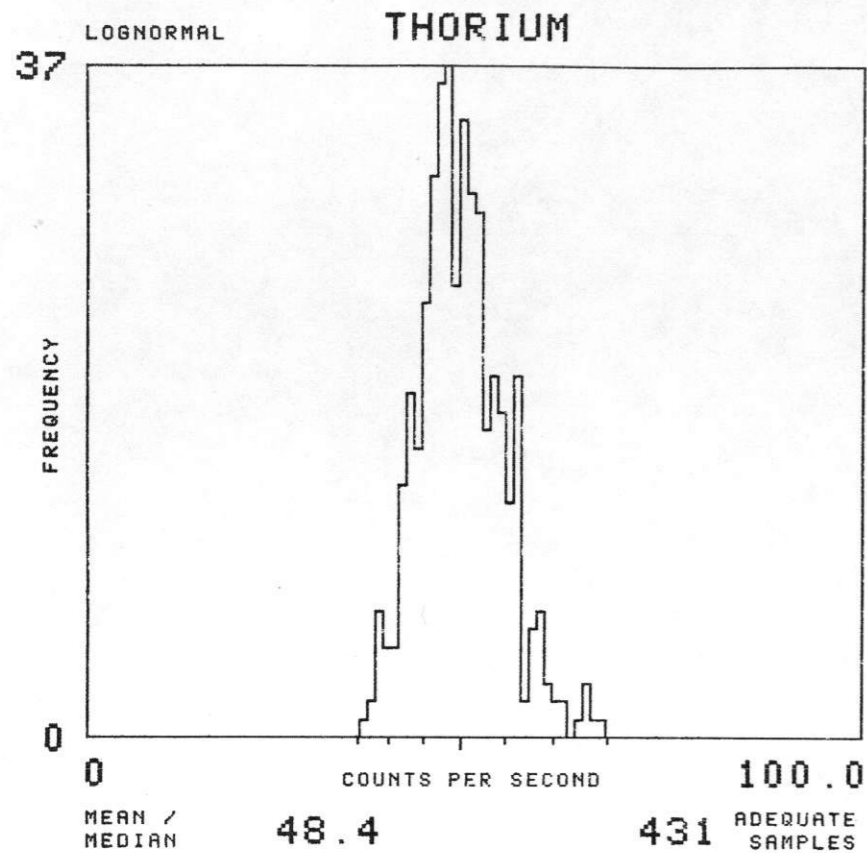


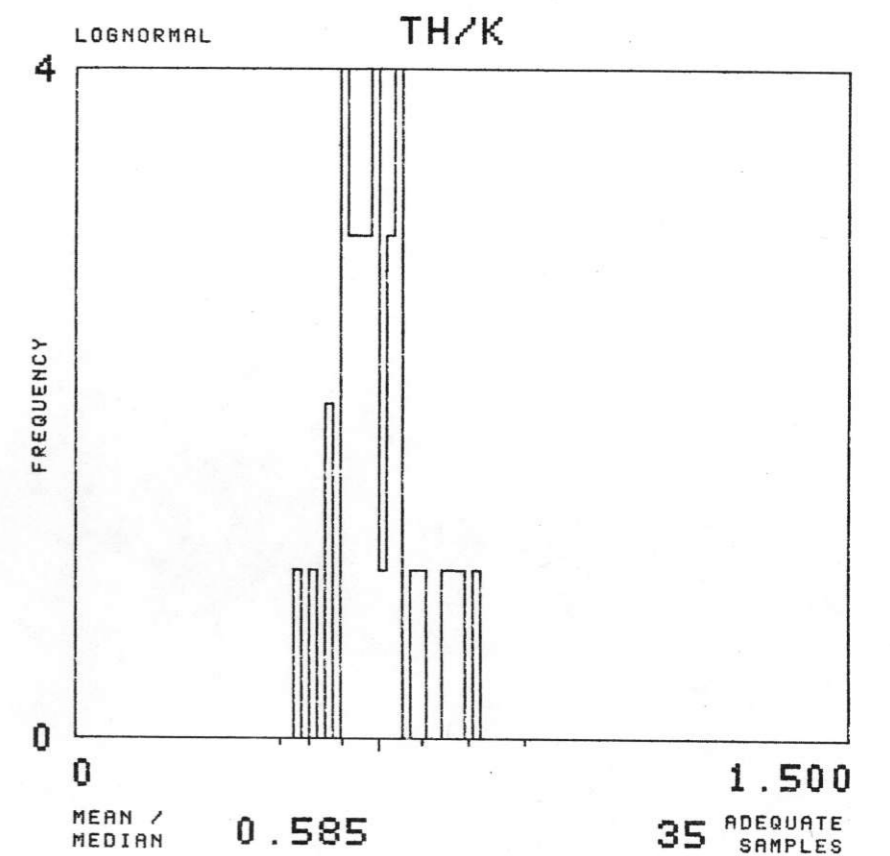
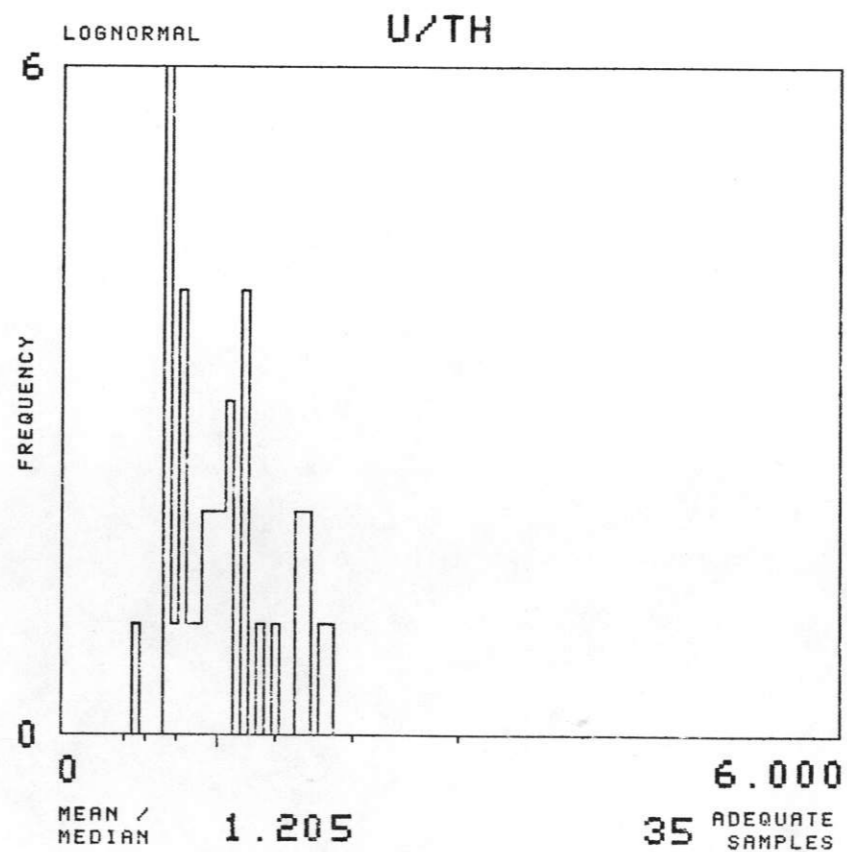
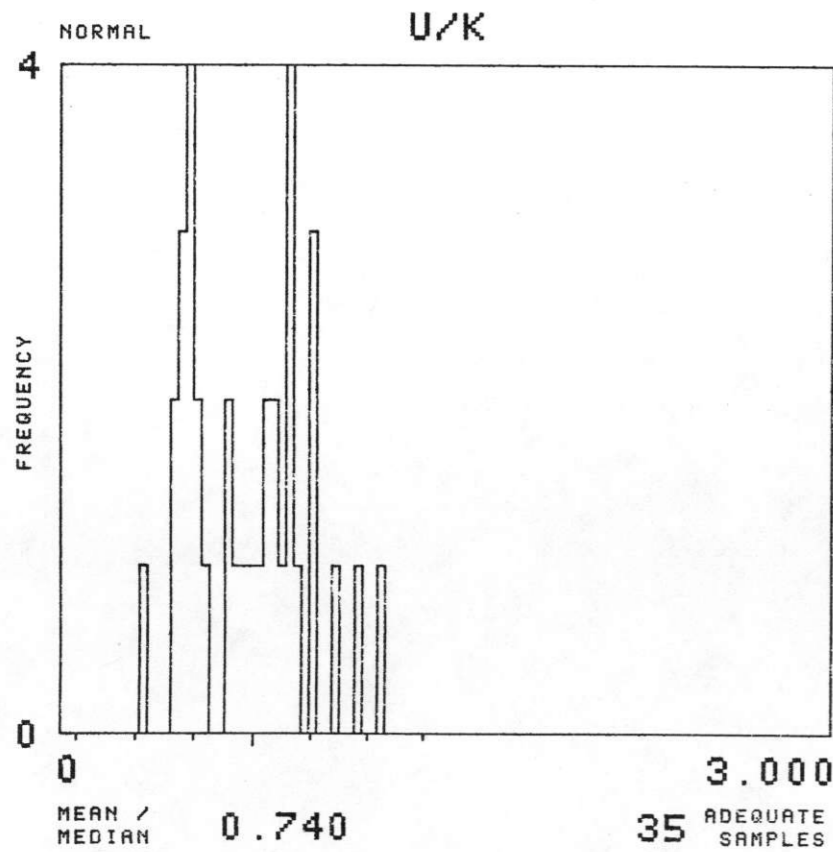
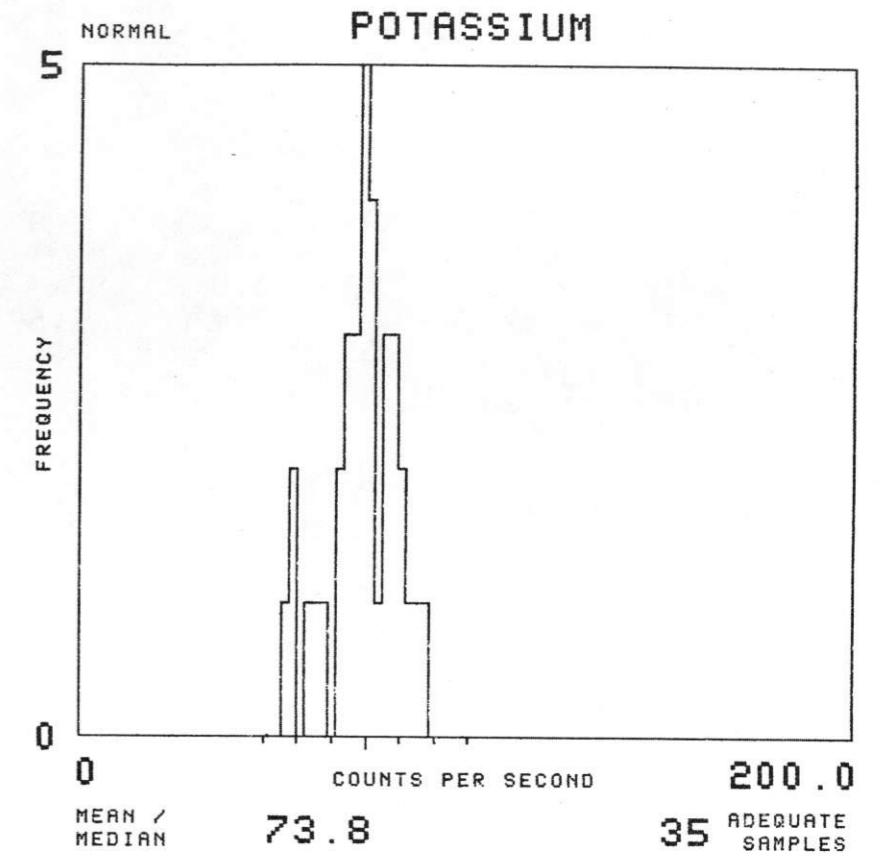
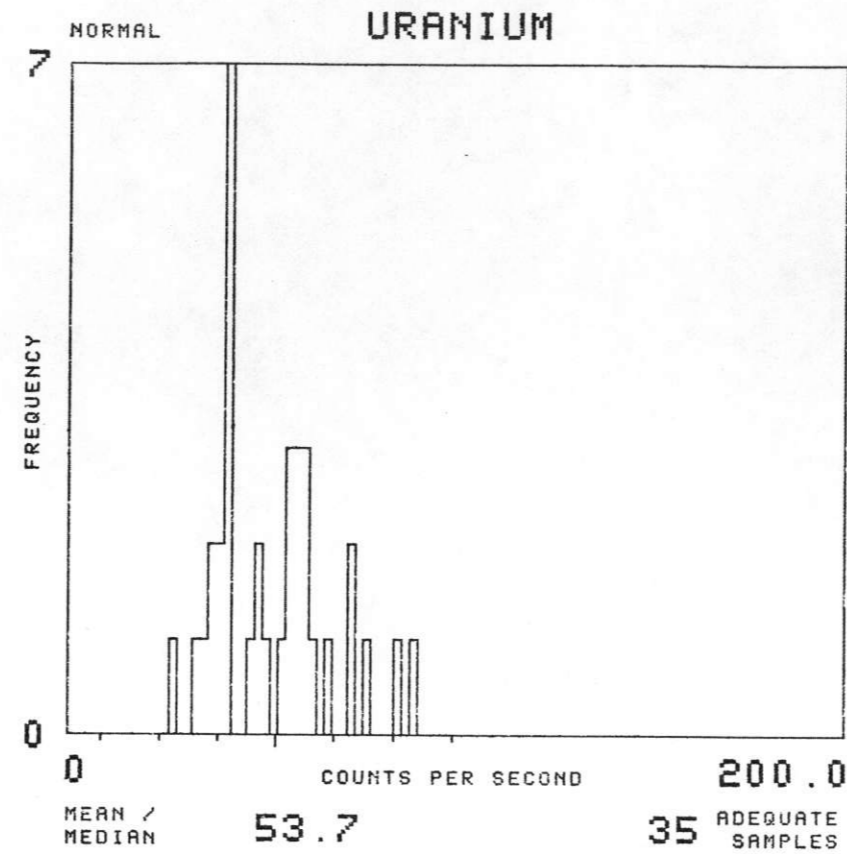
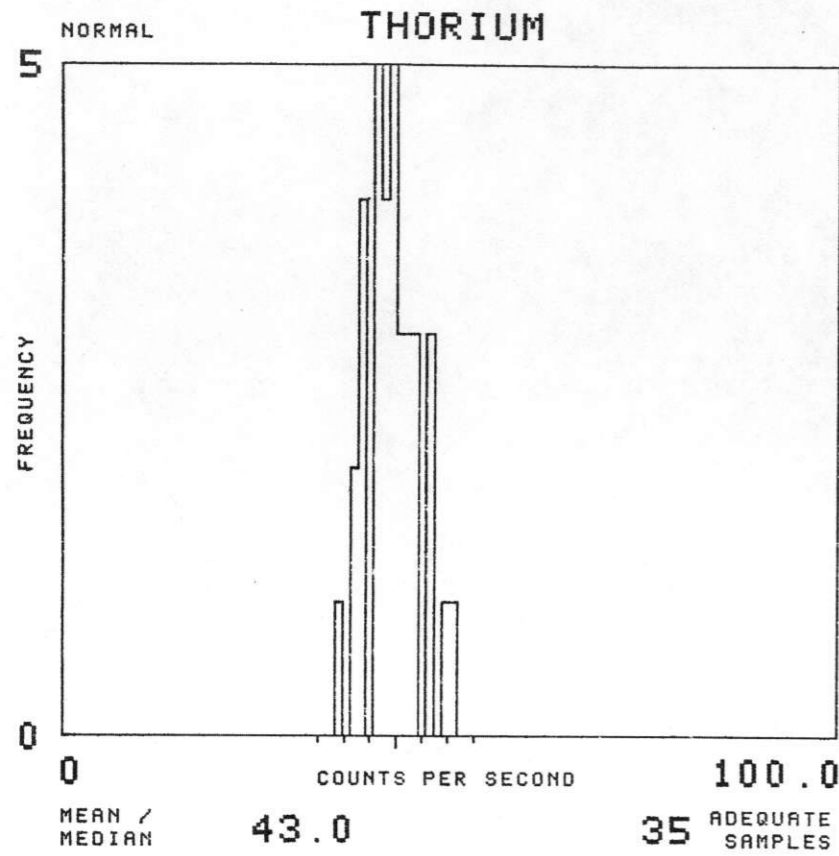
NTMS NK 14-9 FREMONT

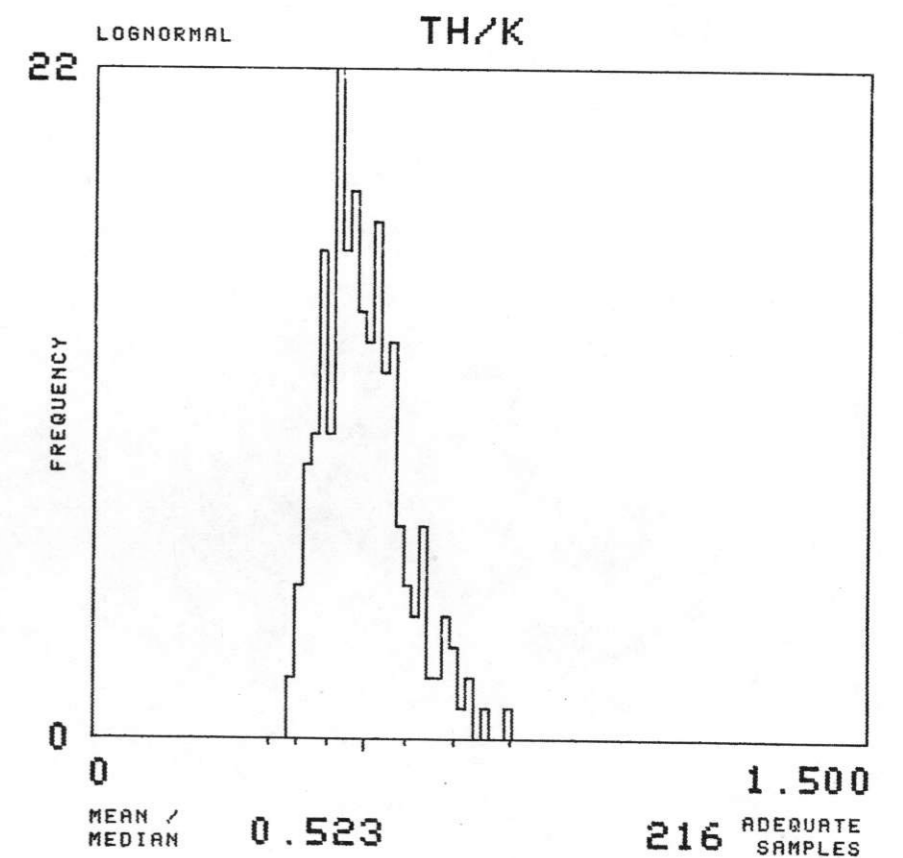
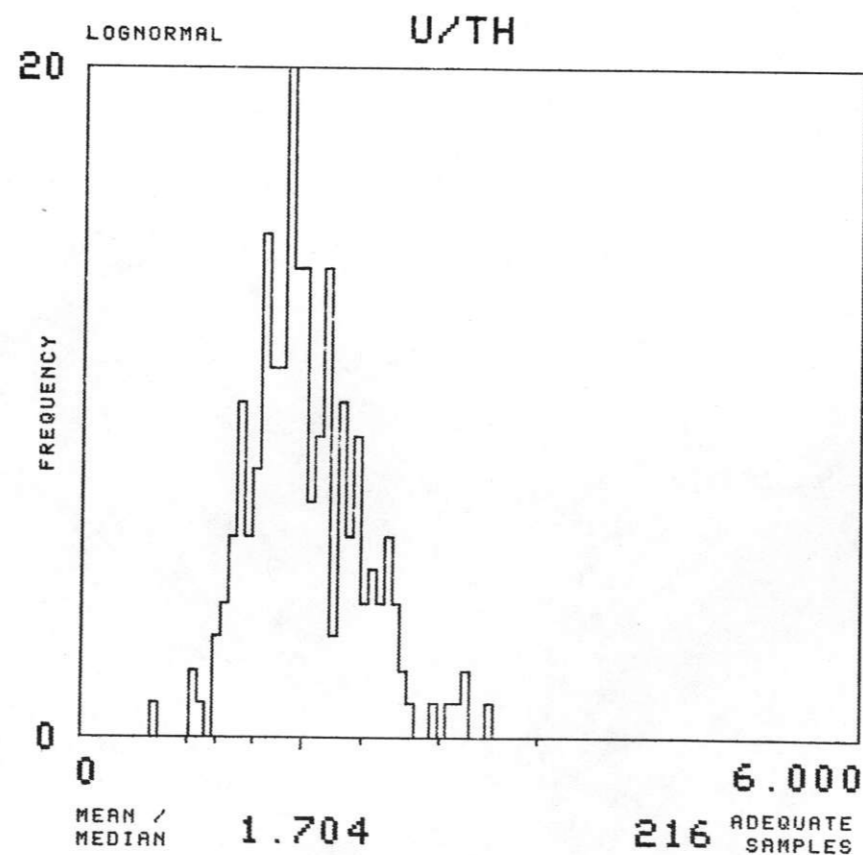
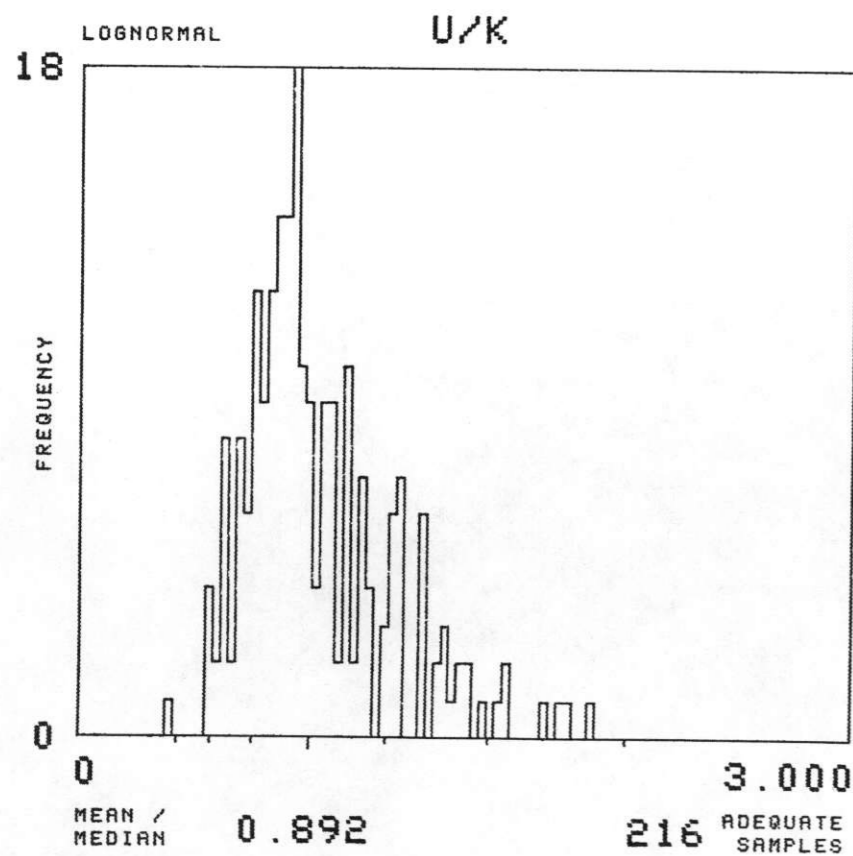
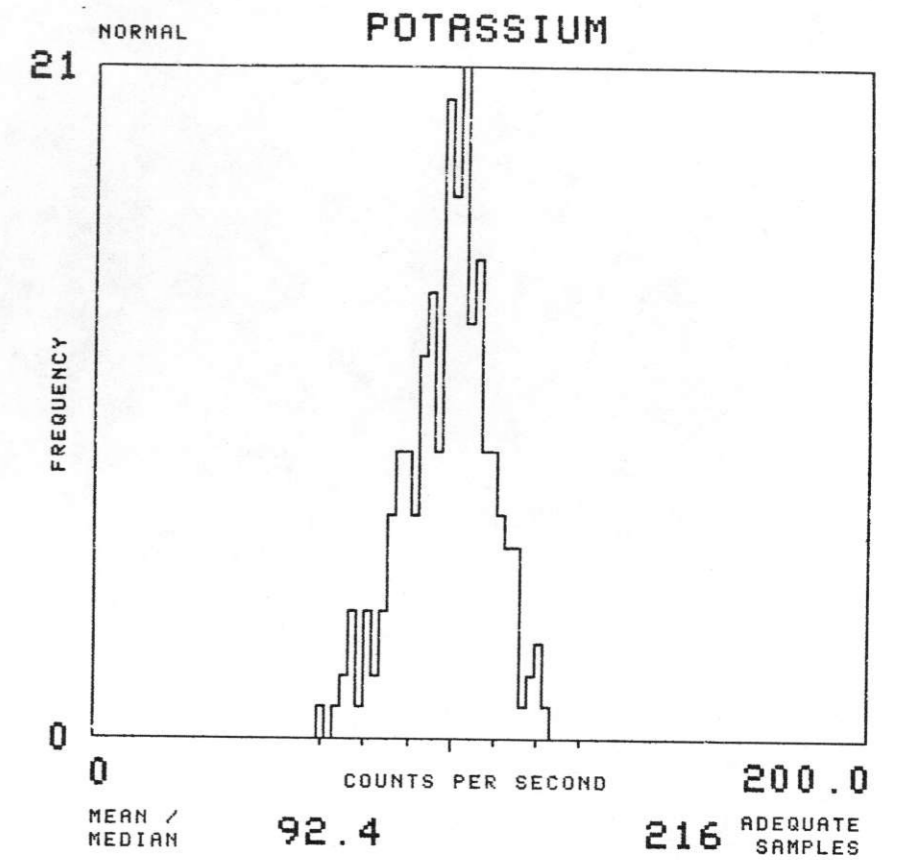
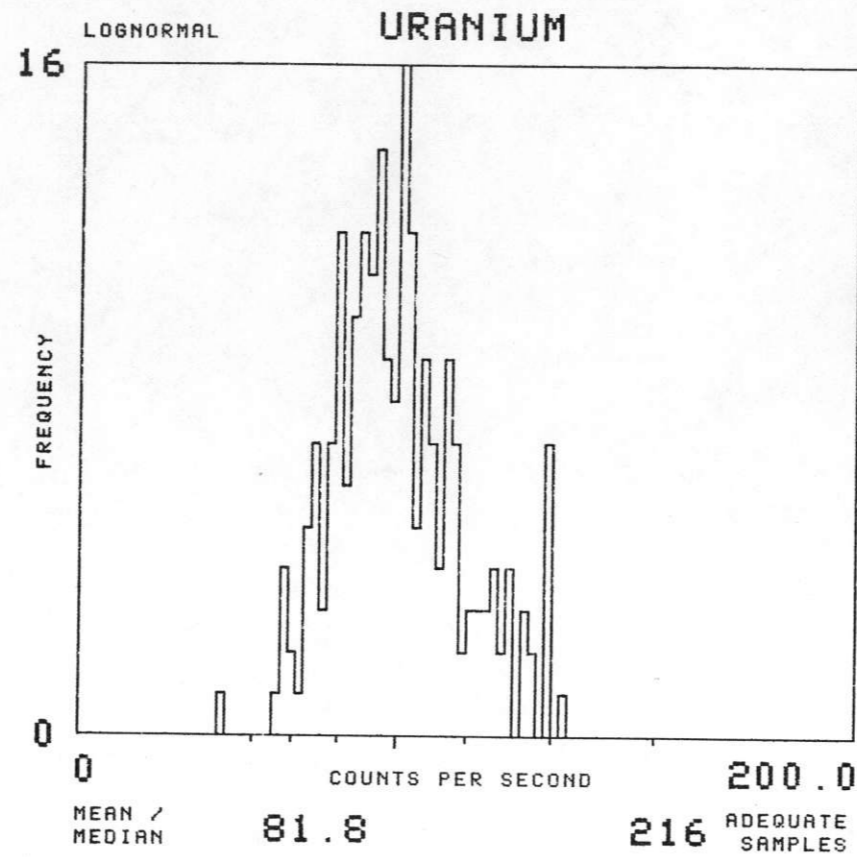
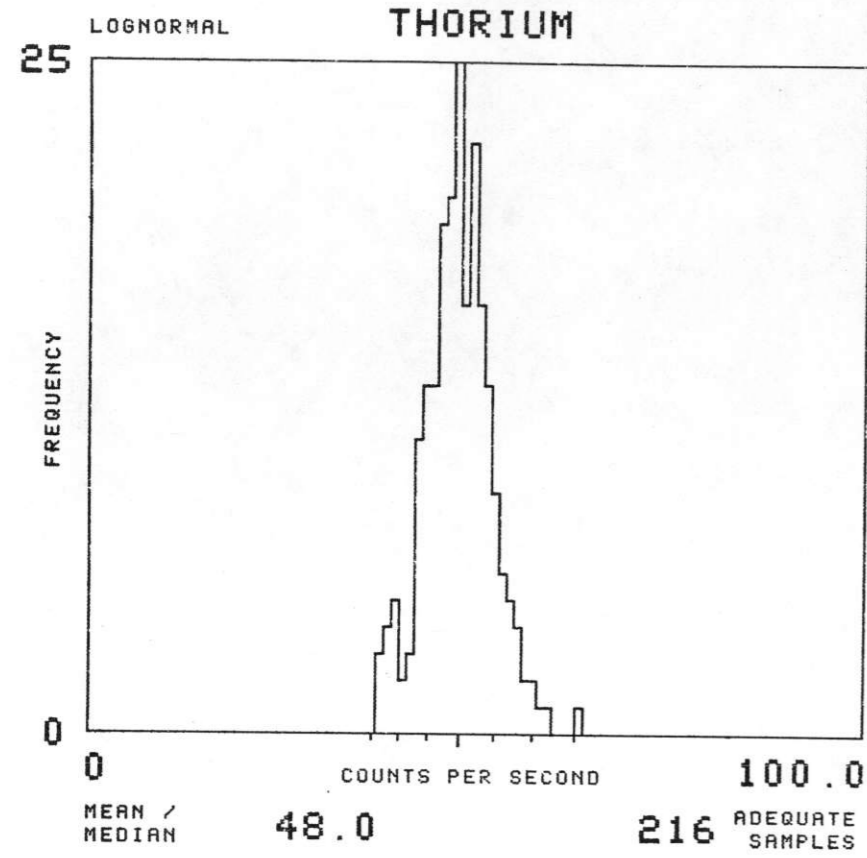
SOIL GROUP : BFMD TOTAL NUMBER OF SAMPLES 191

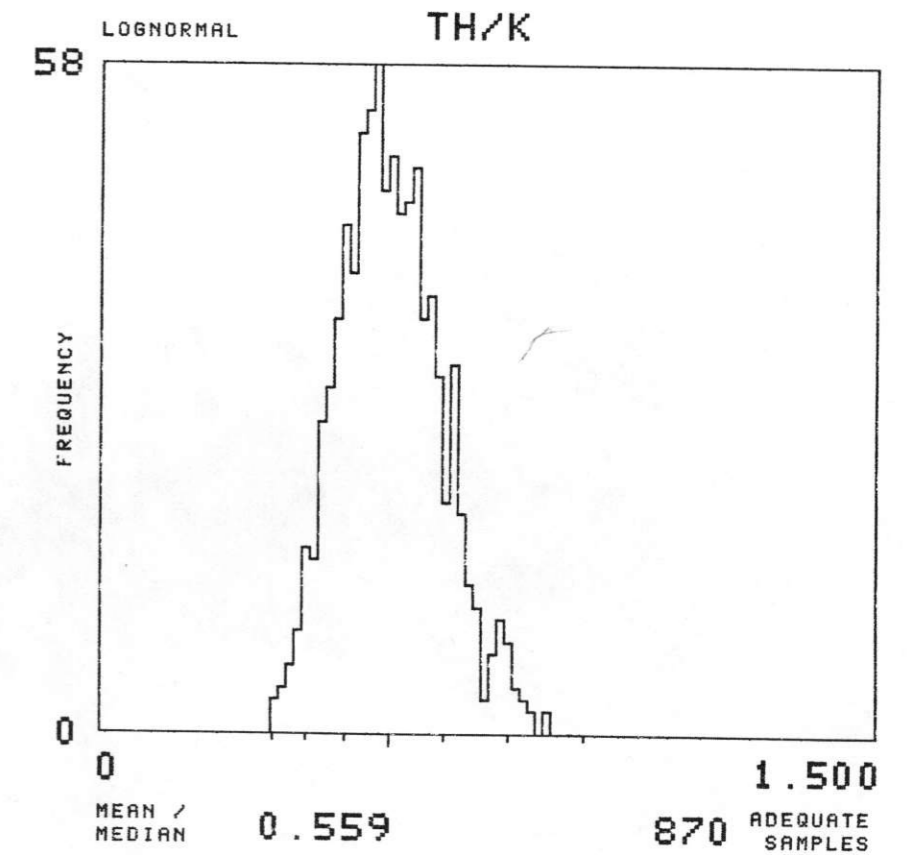
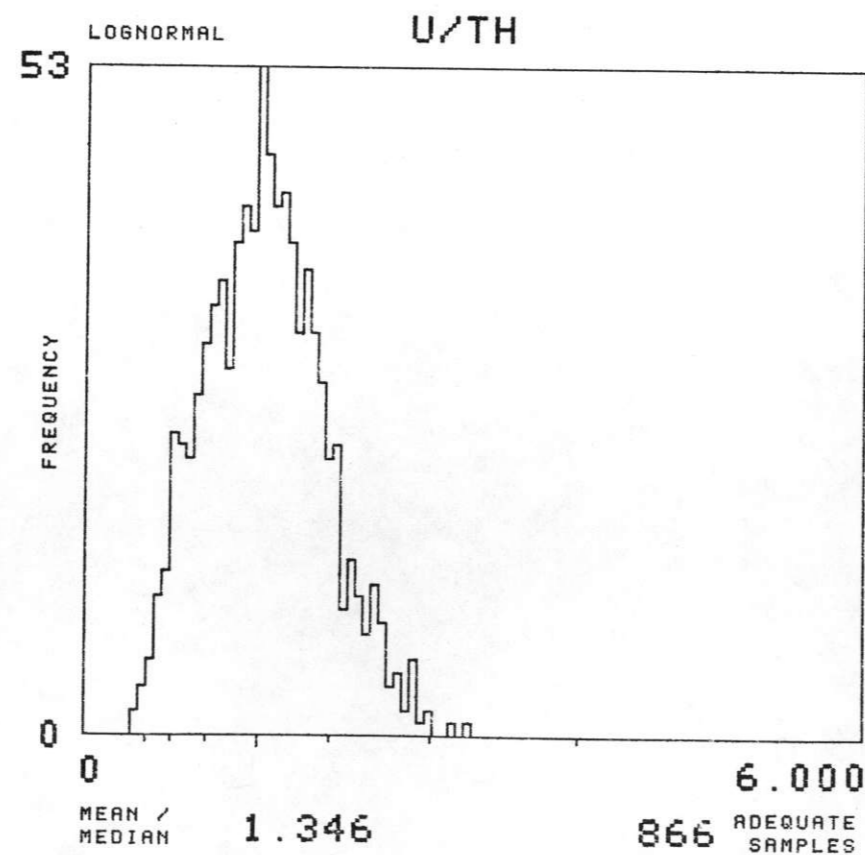
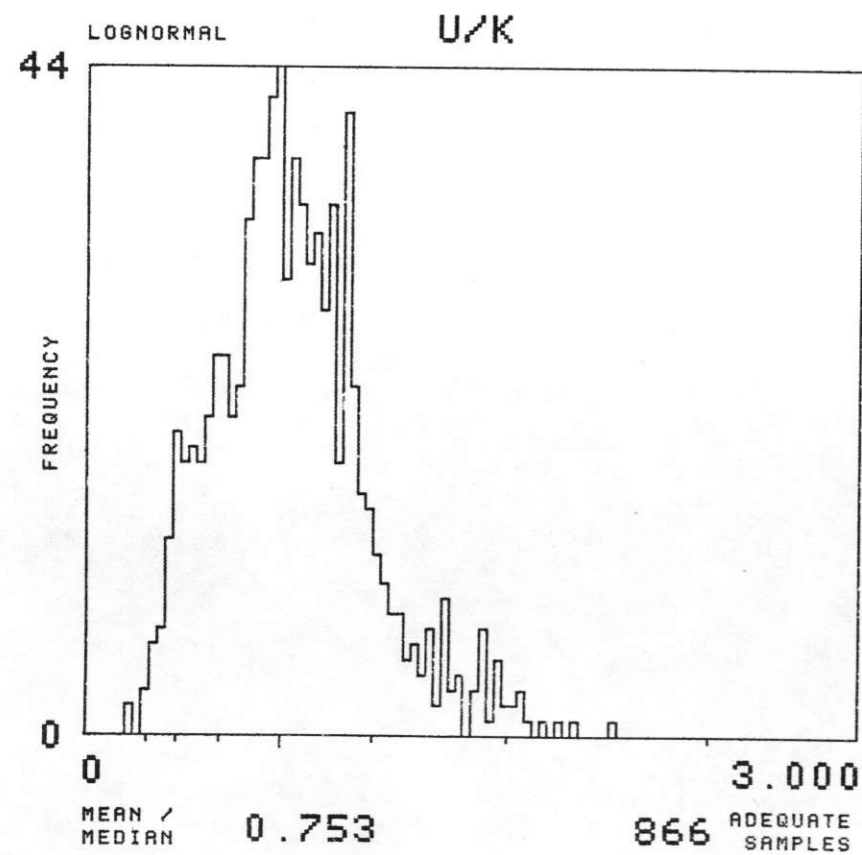
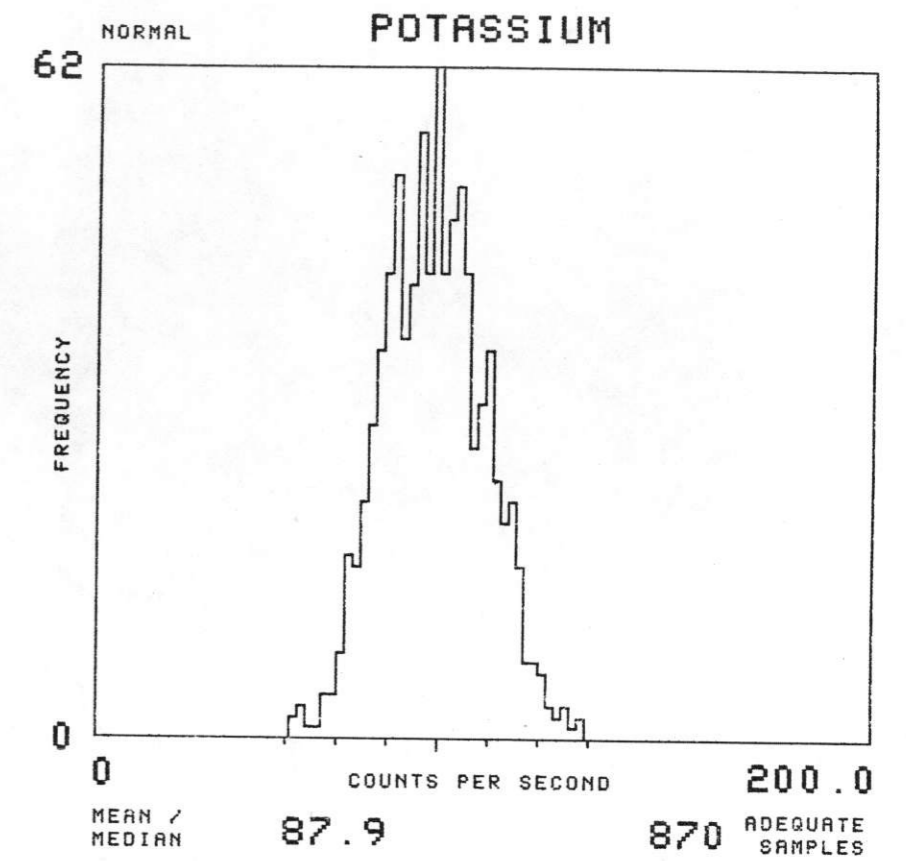
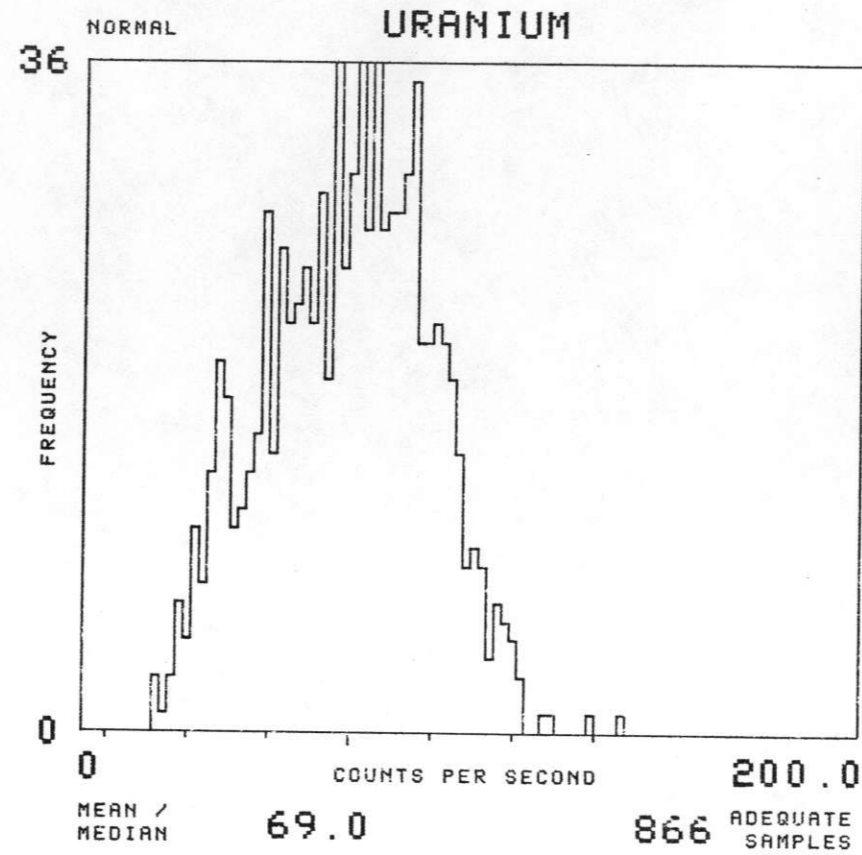
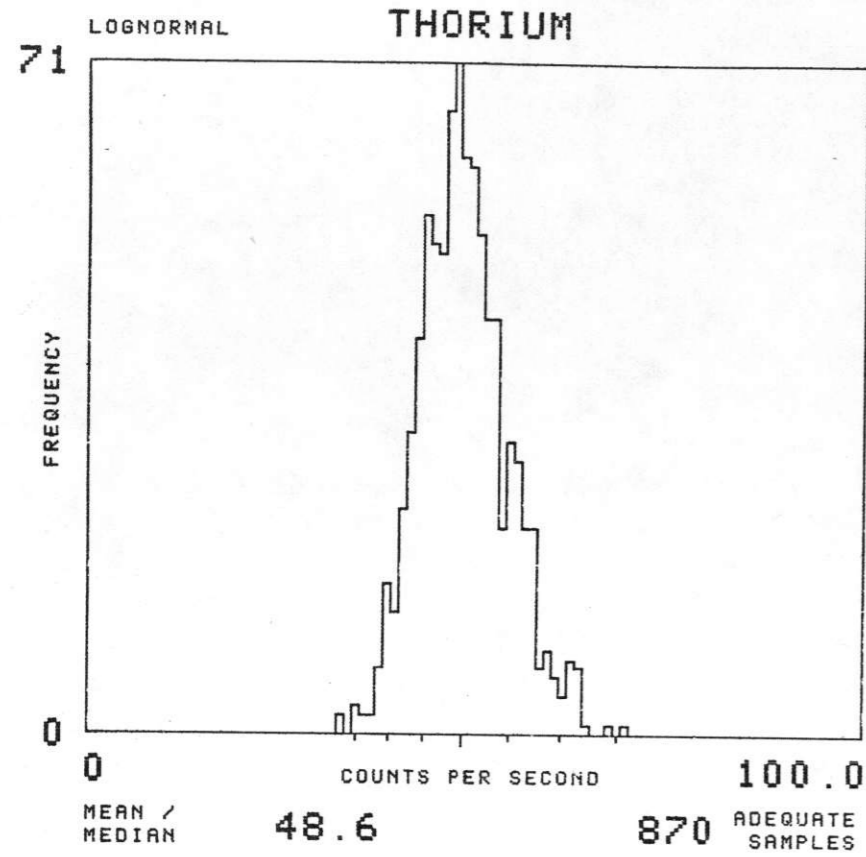
EAST SALINA BASIN - GEOMETRICS 1977







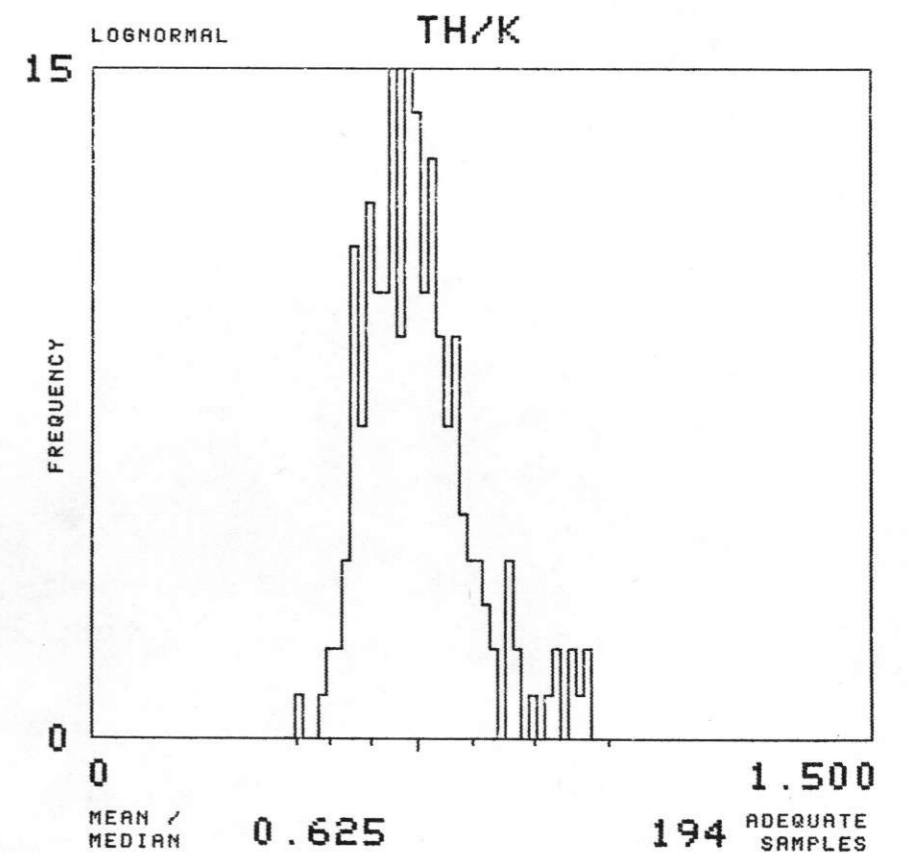
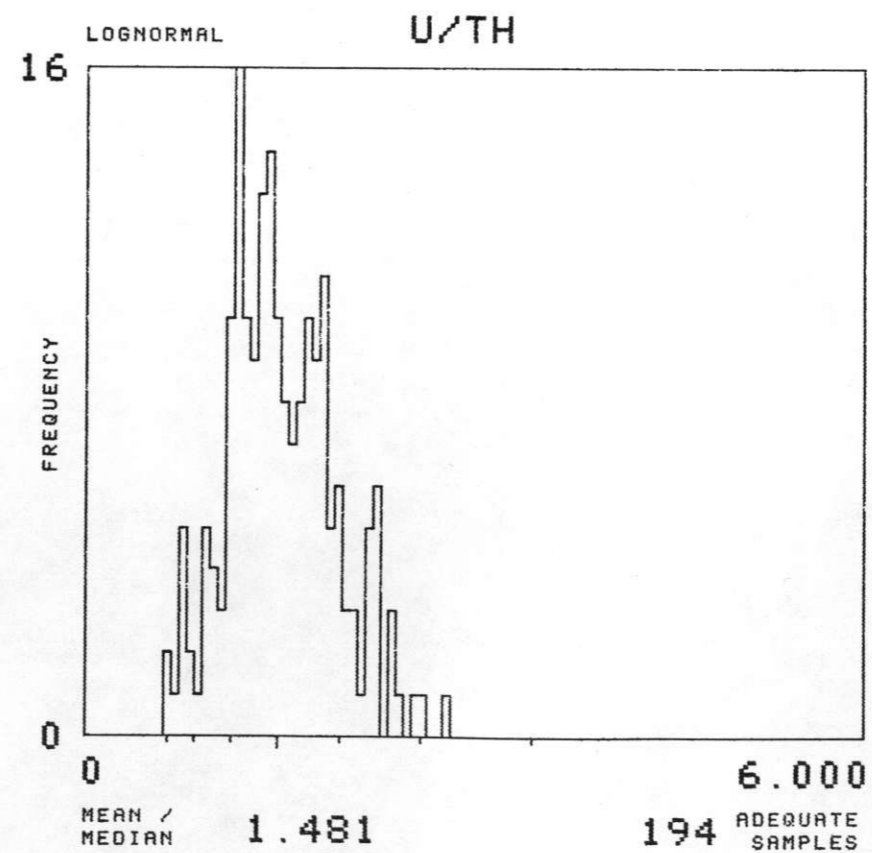
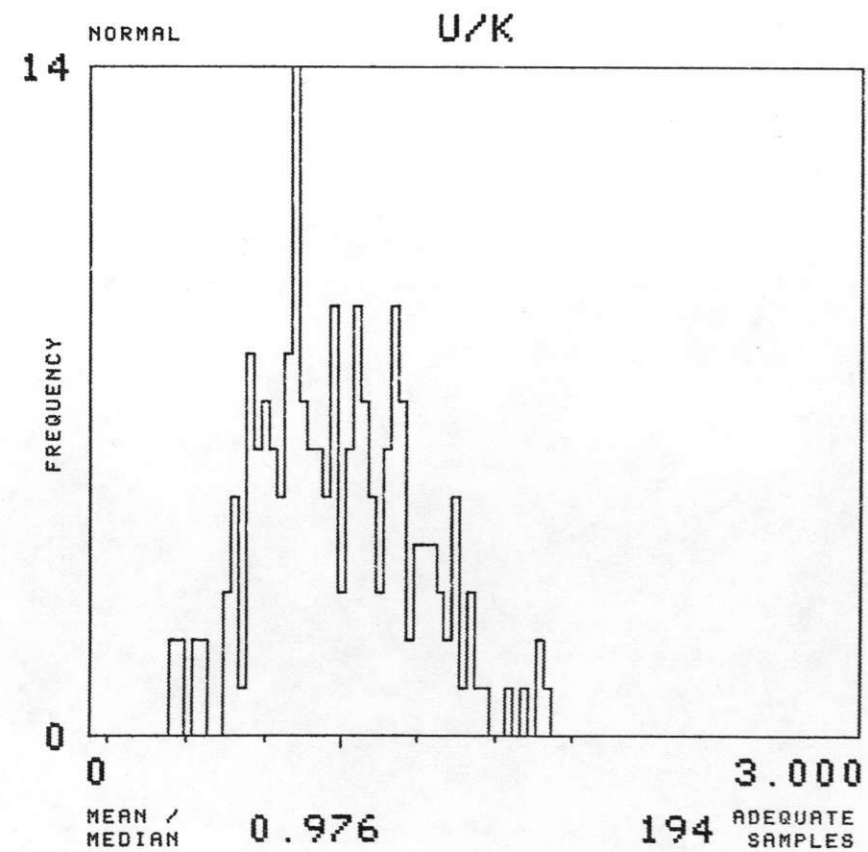
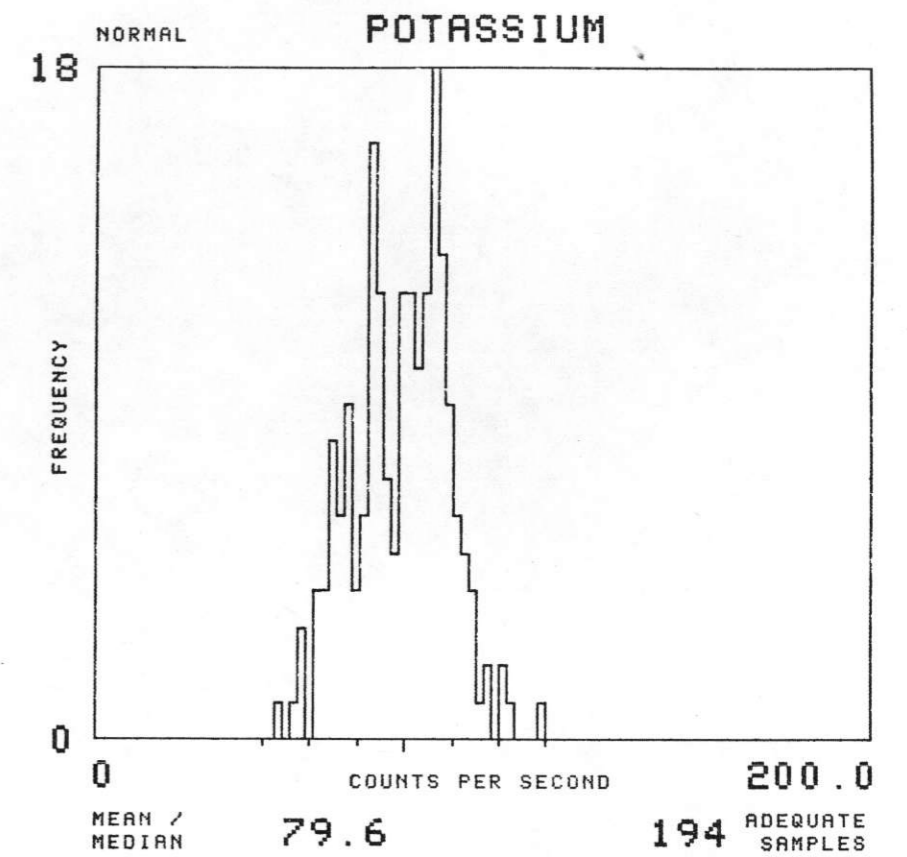
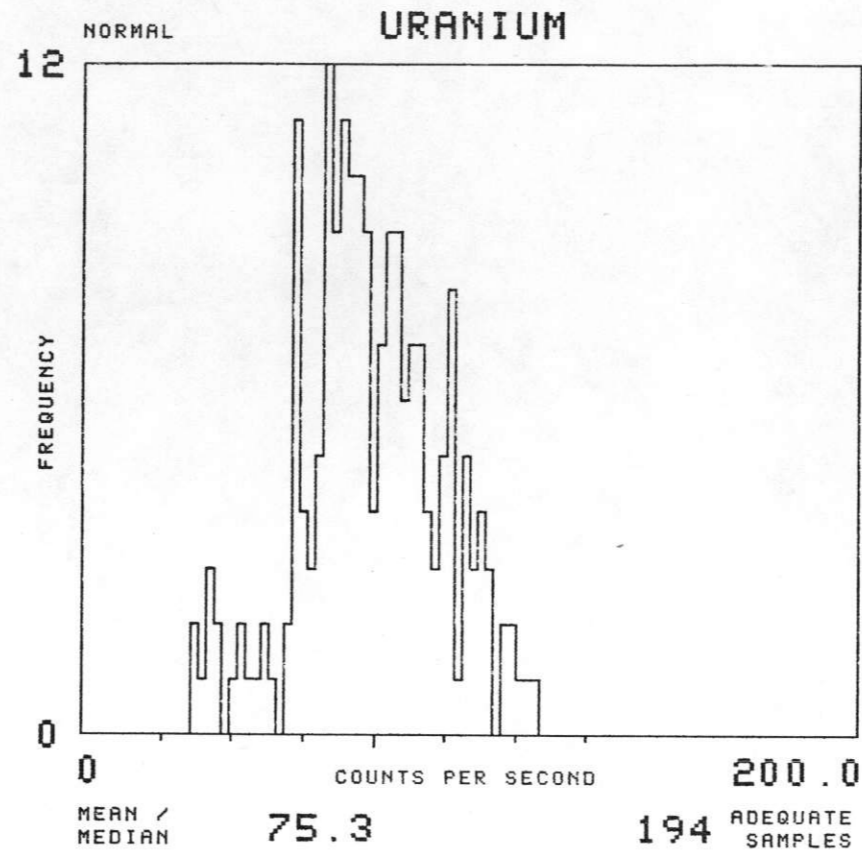
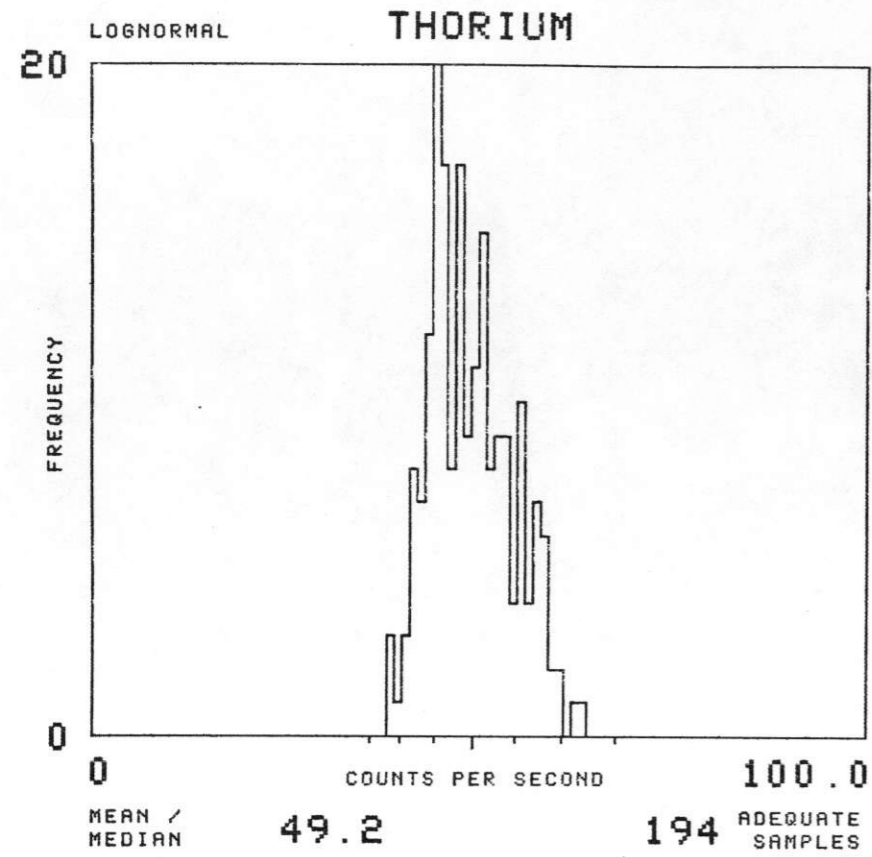




NTMS NK 14-9 FREMONT

SOIL GROUP : CB TOTAL NUMBER OF SAMPLES 194

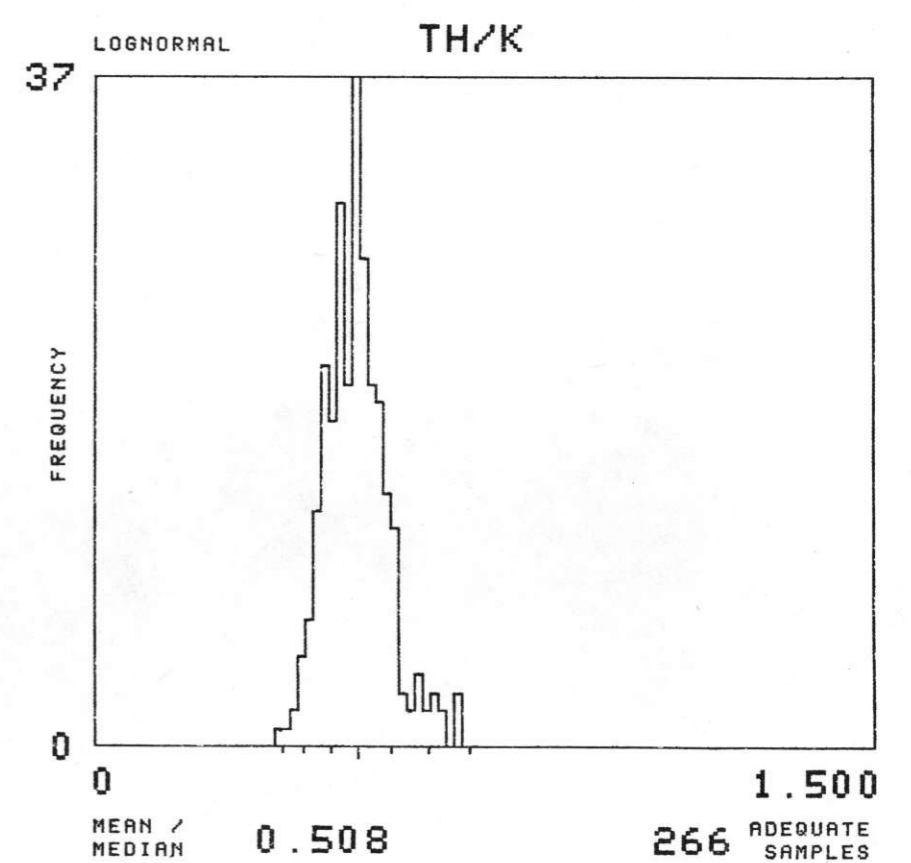
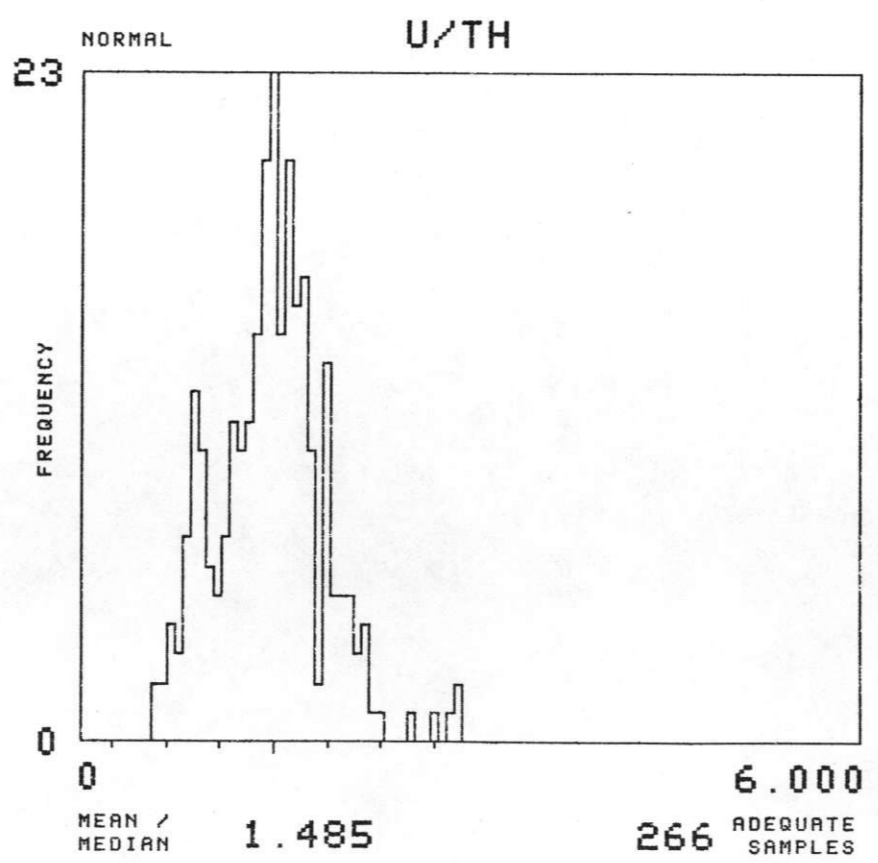
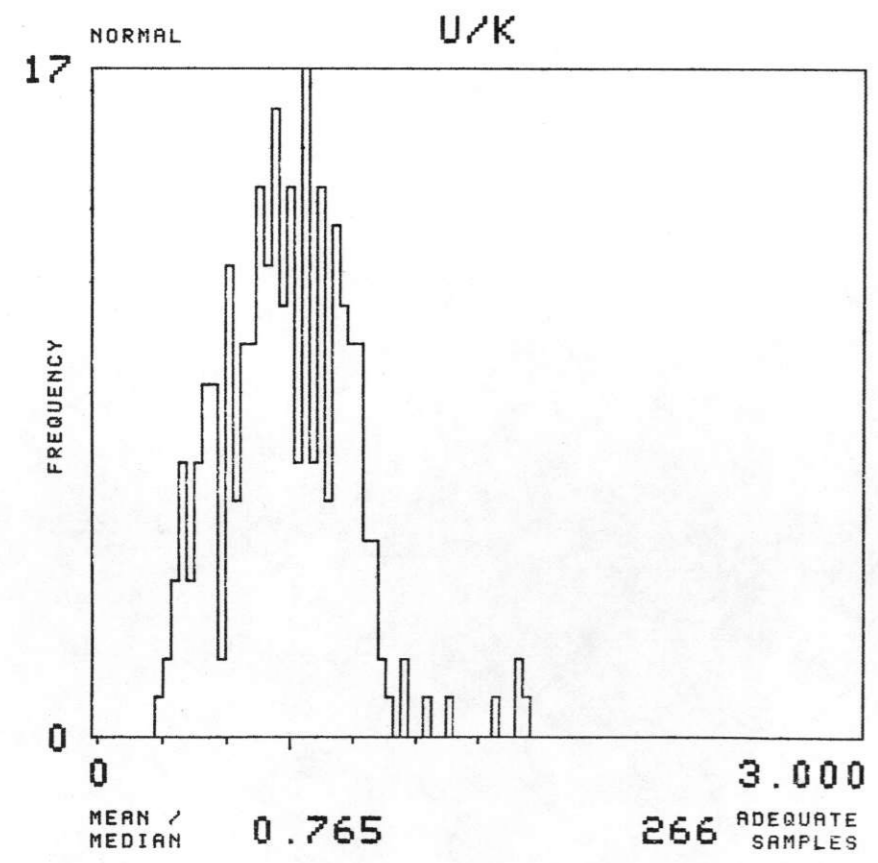
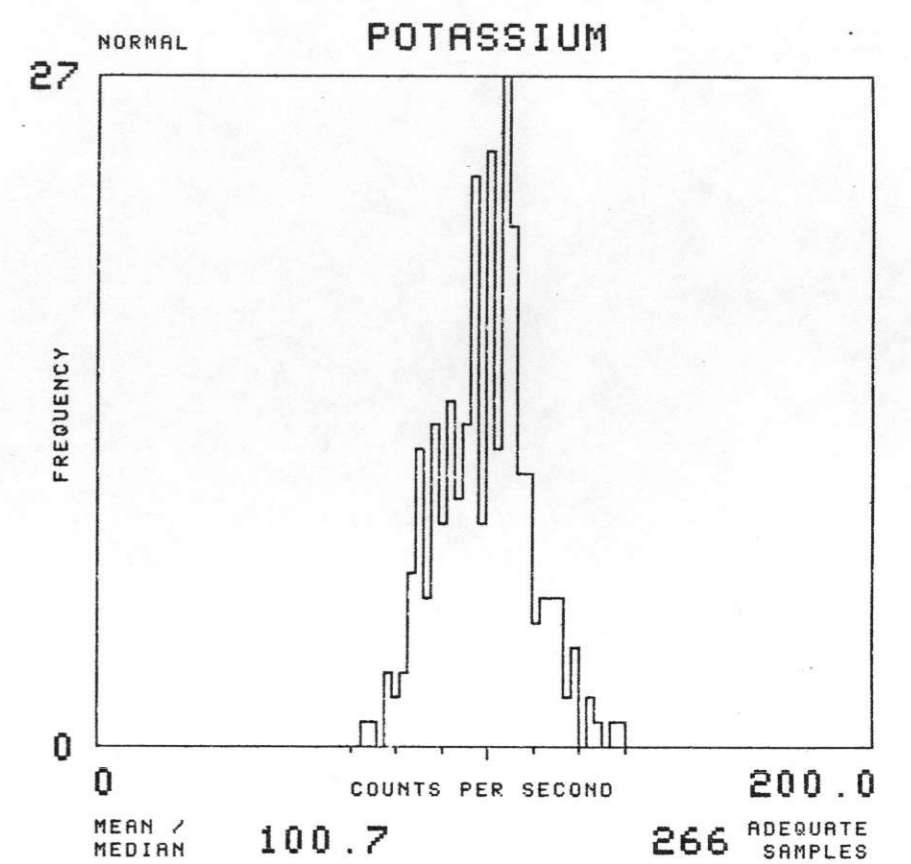
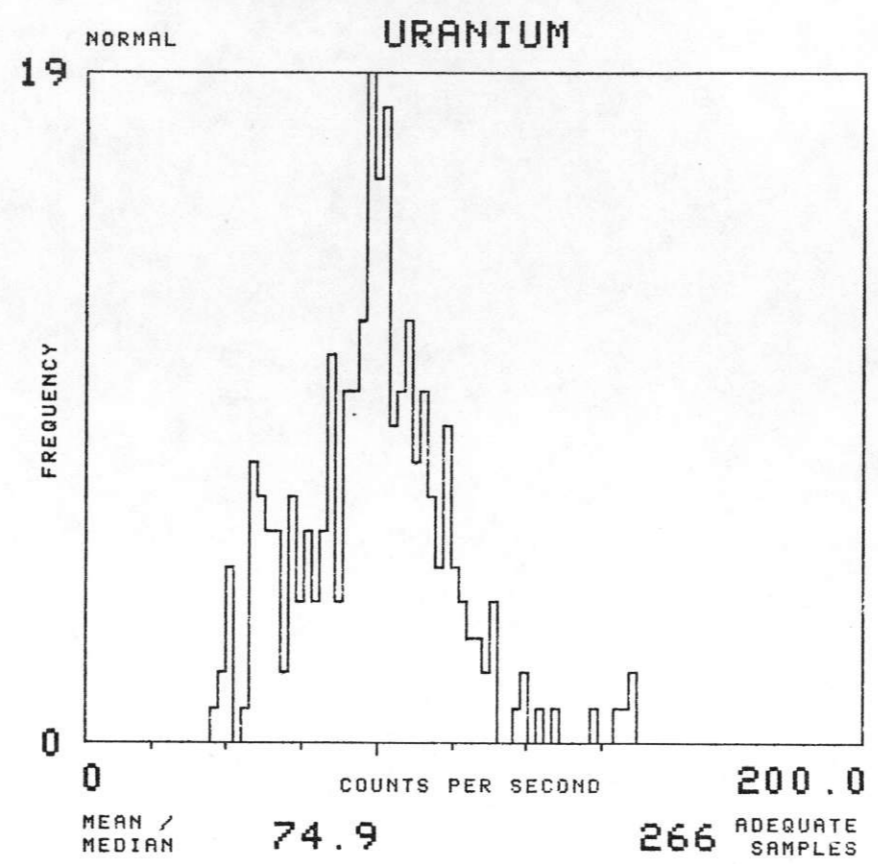
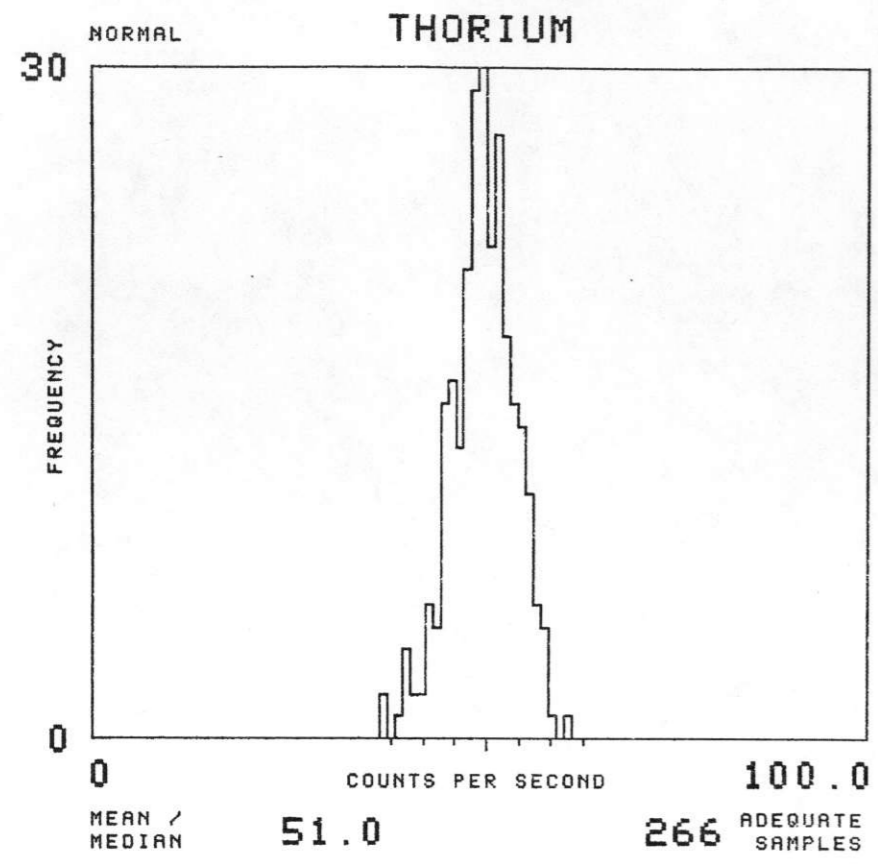
EAST SALINA BASIN - GEOMETRICS 1977



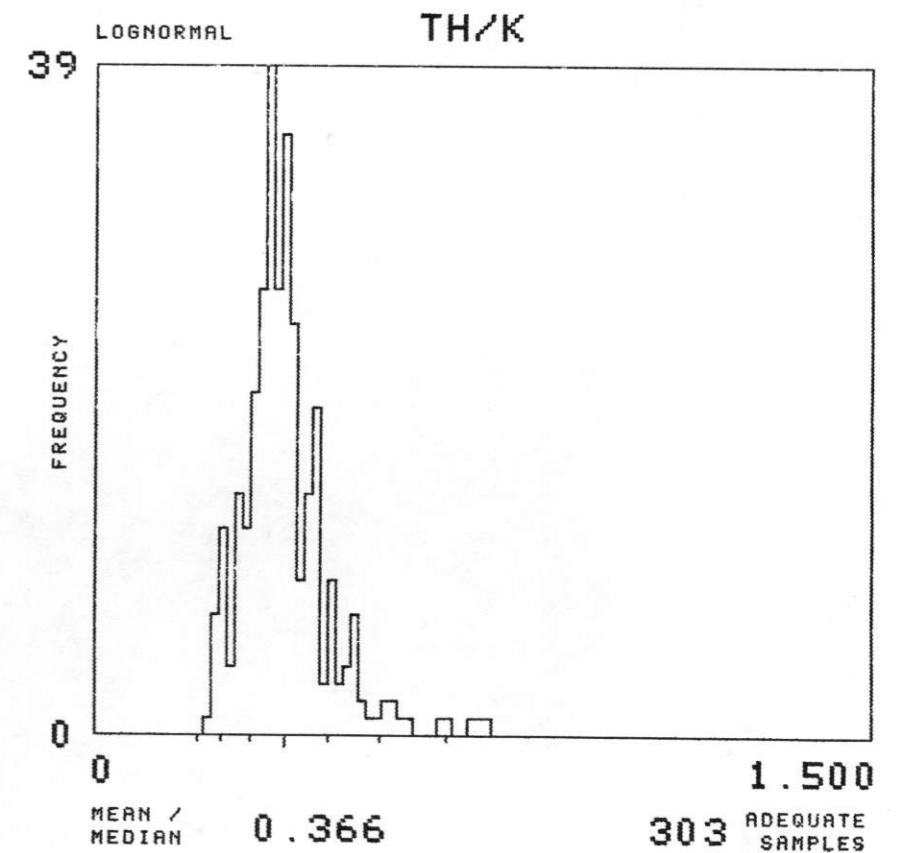
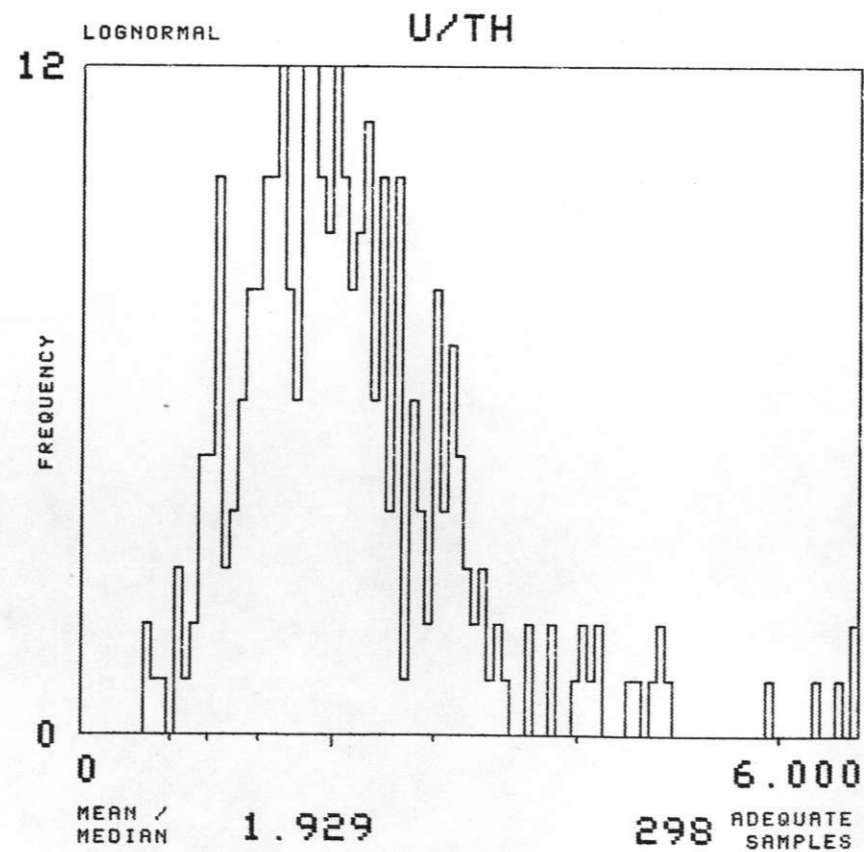
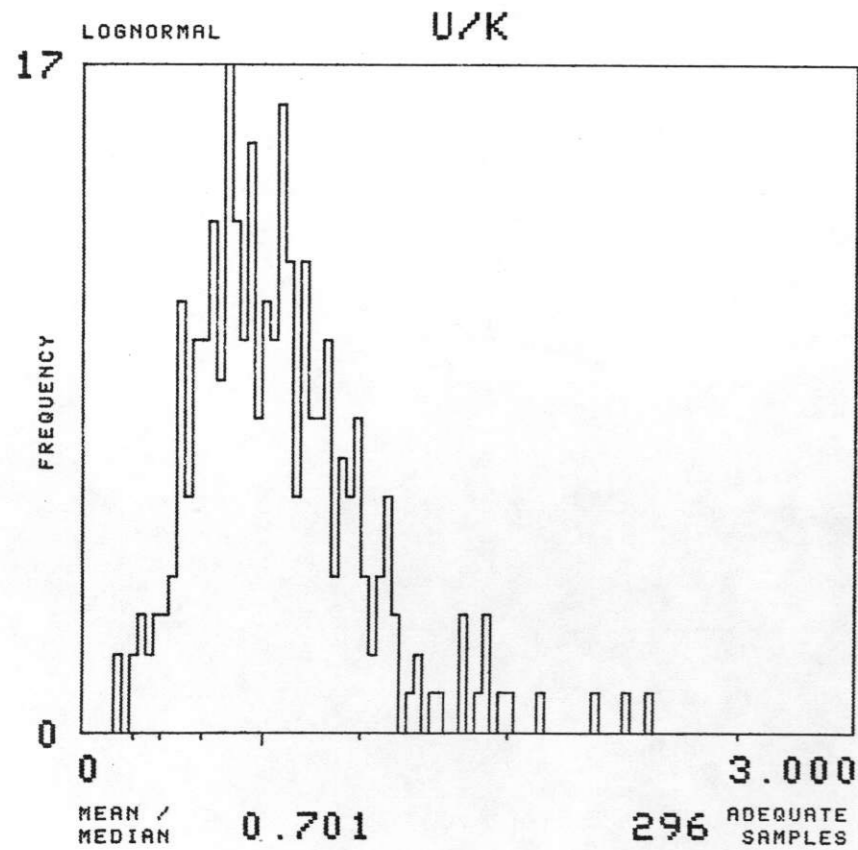
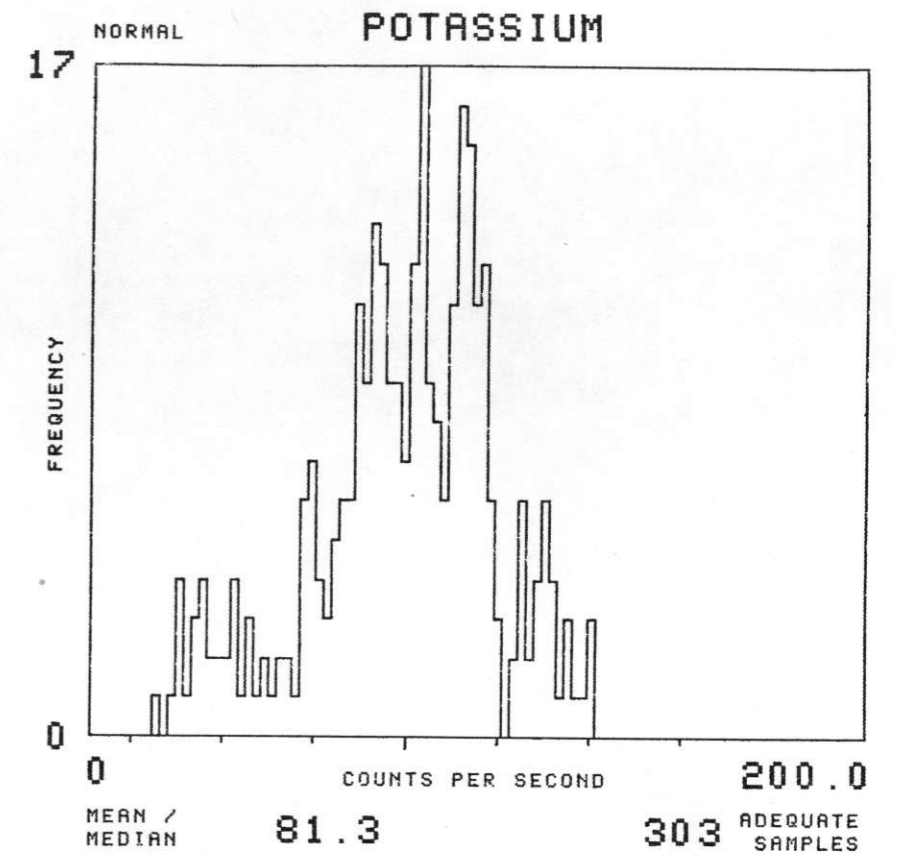
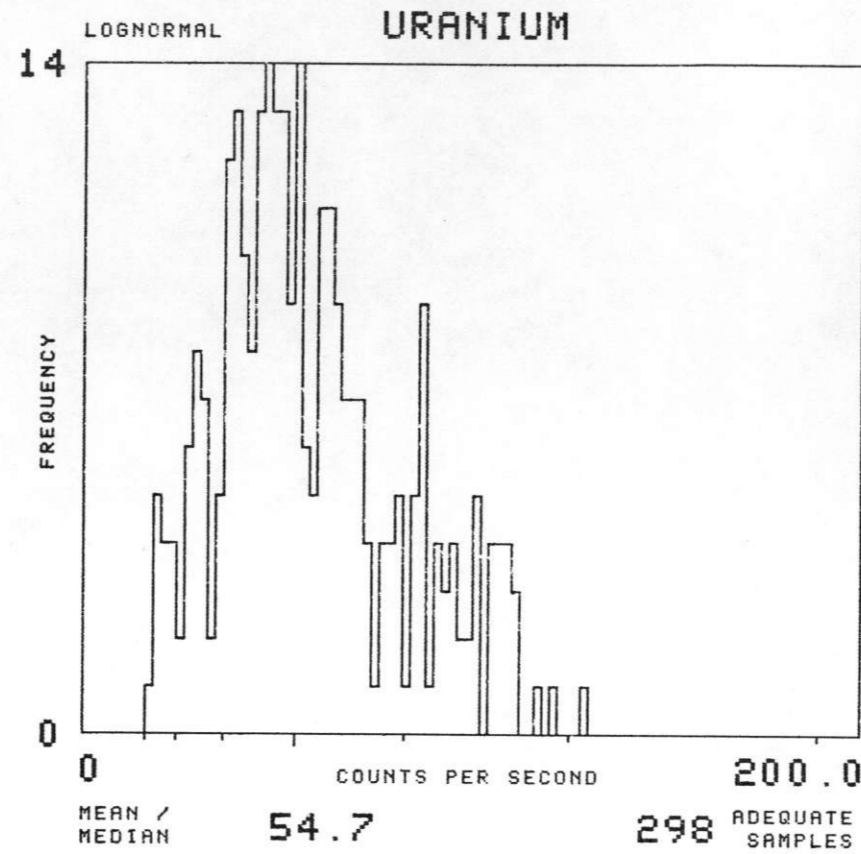
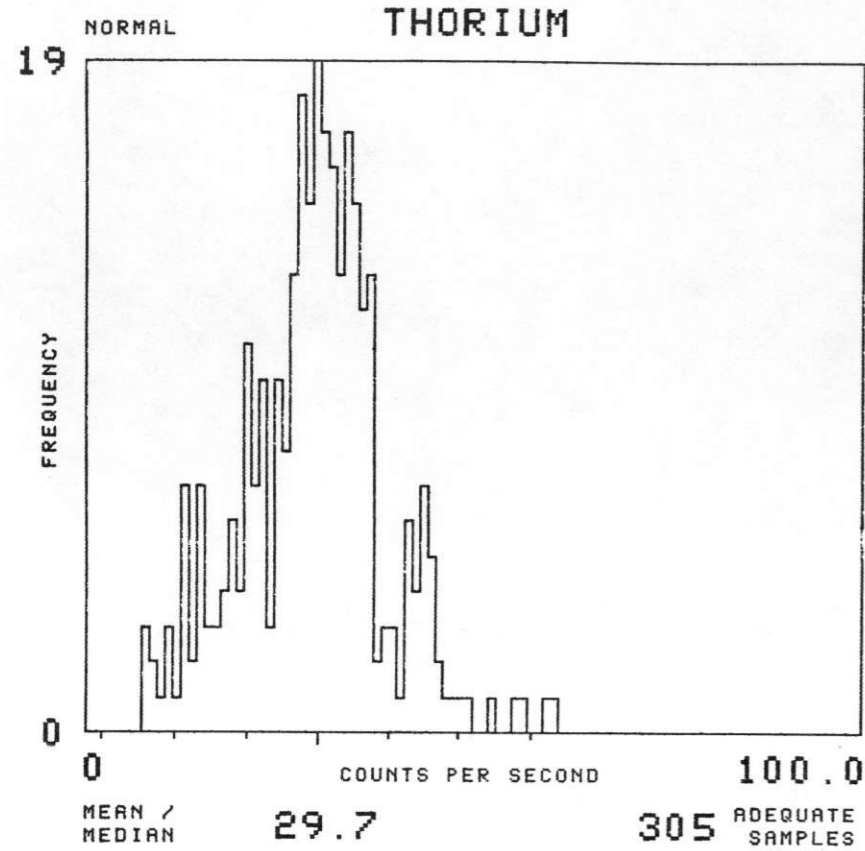
NTMS NK 14-9 FREMONT

SOIL GROUP : COCLKN TOTAL NUMBER OF SAMPLES 266

EAST SALINA BASIN - GEOMETRICS 1977



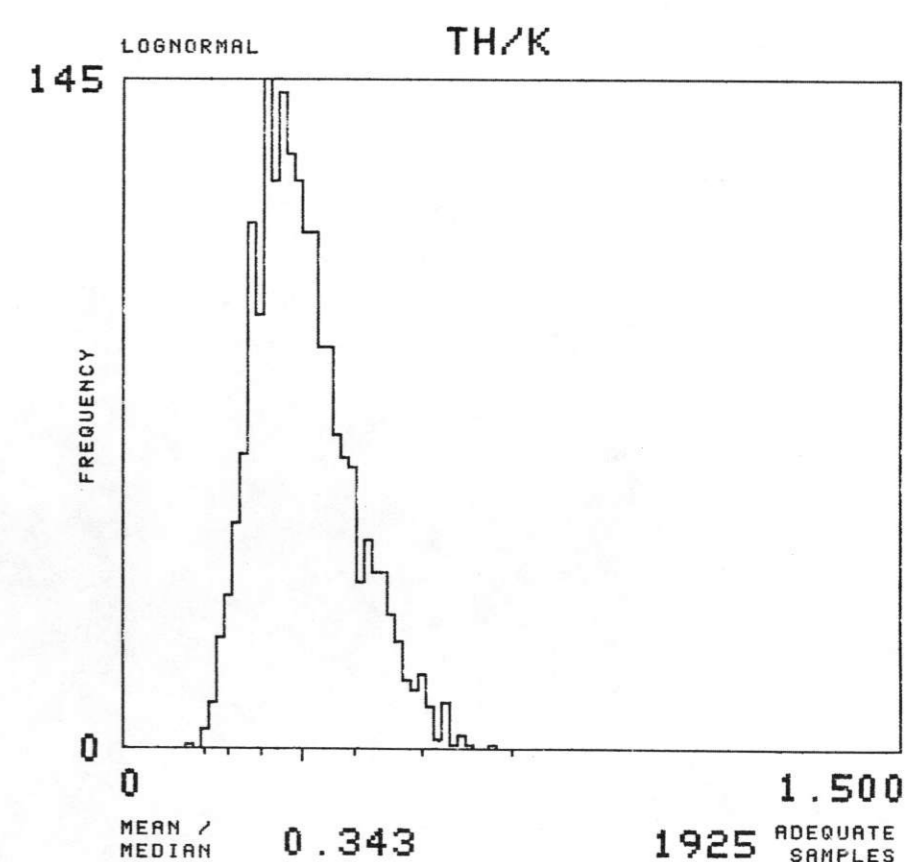
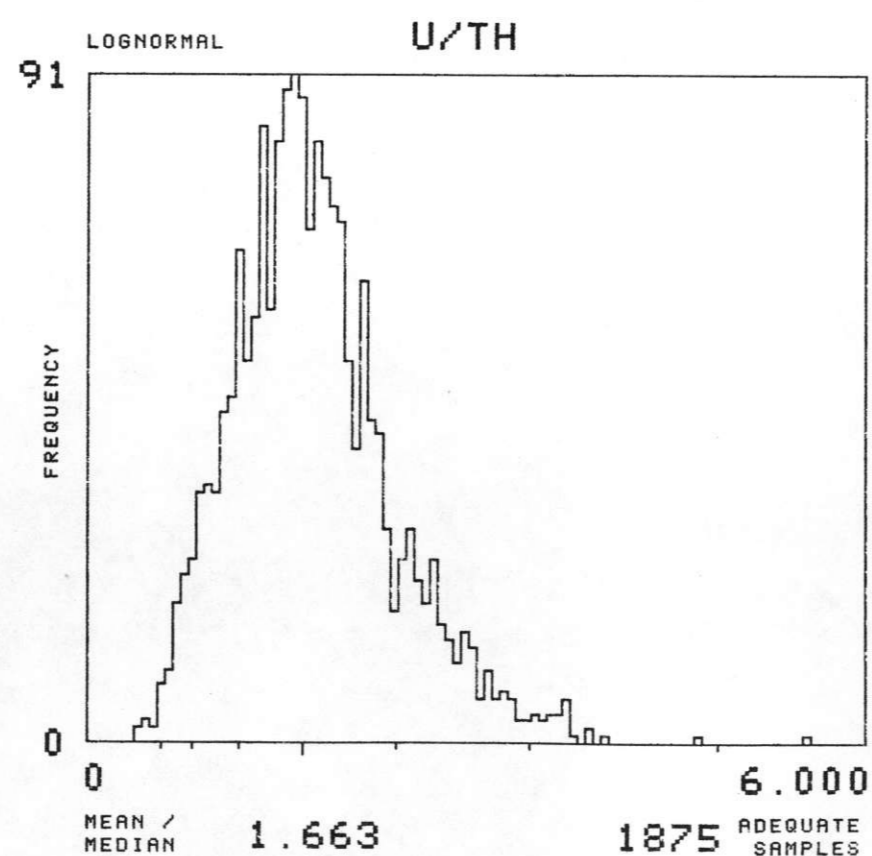
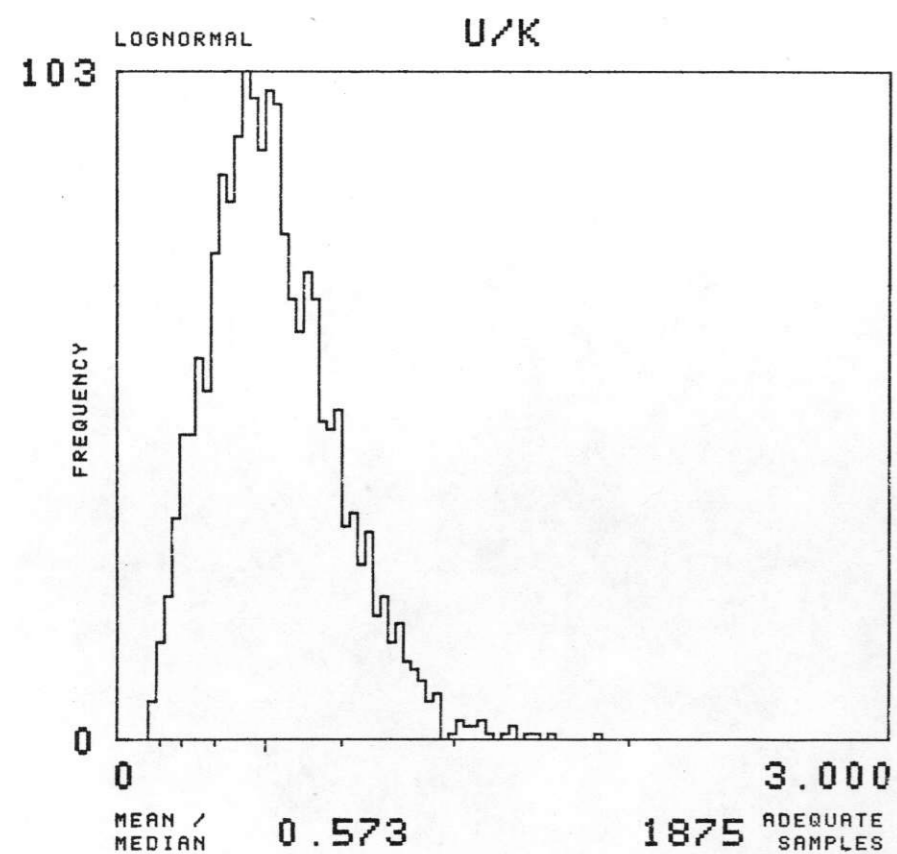
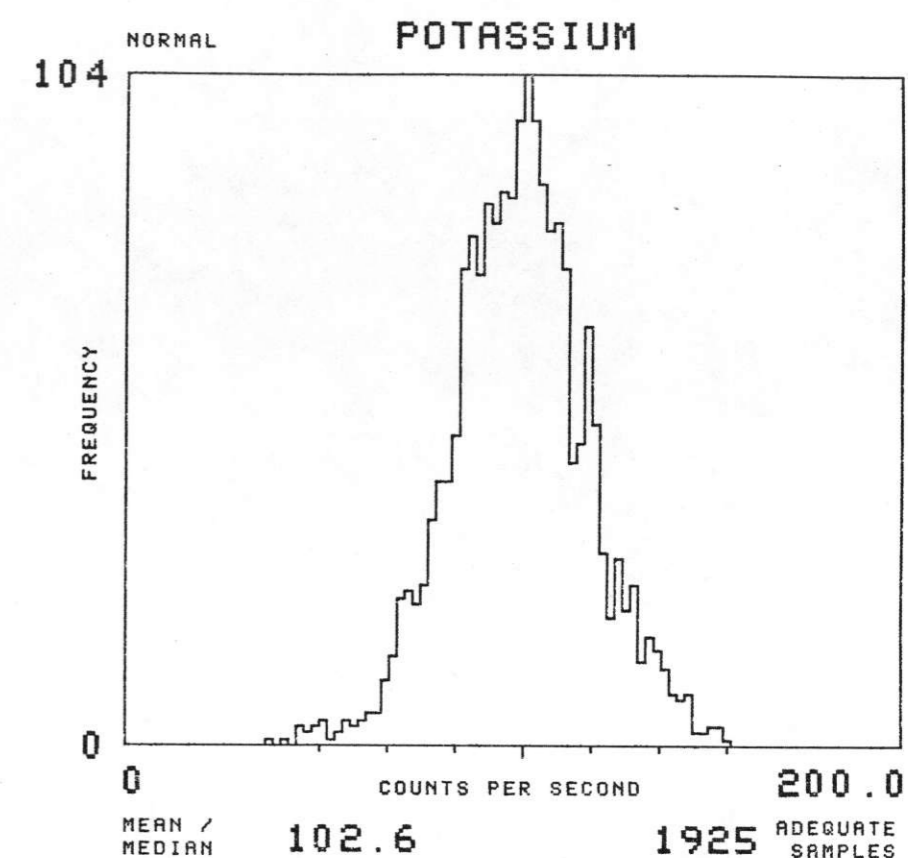
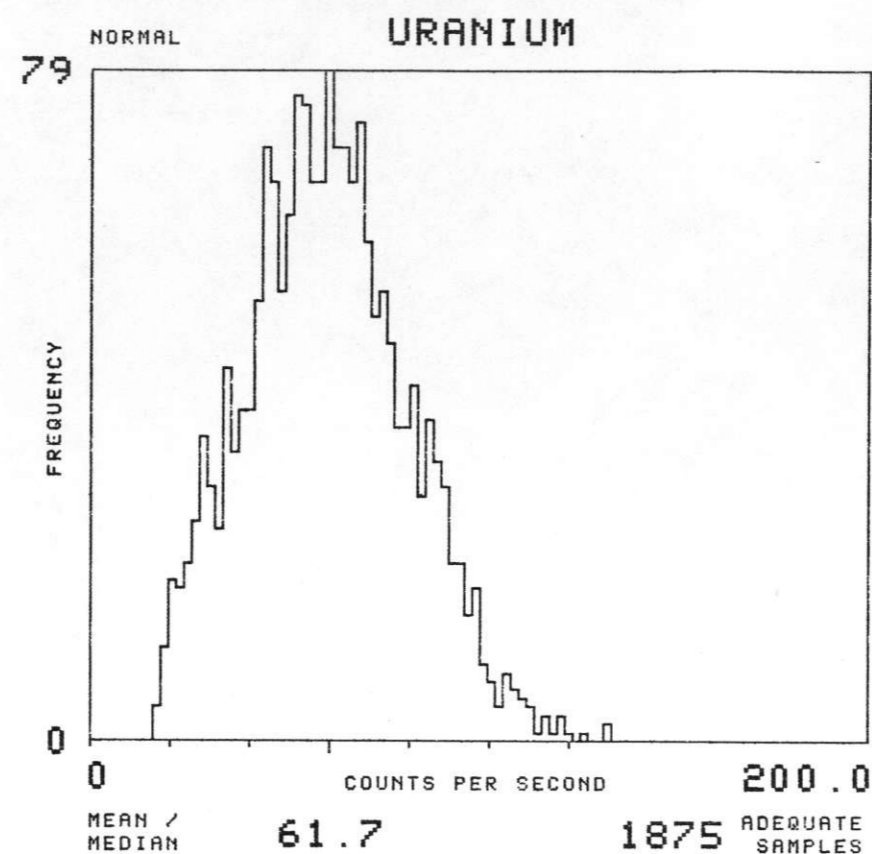
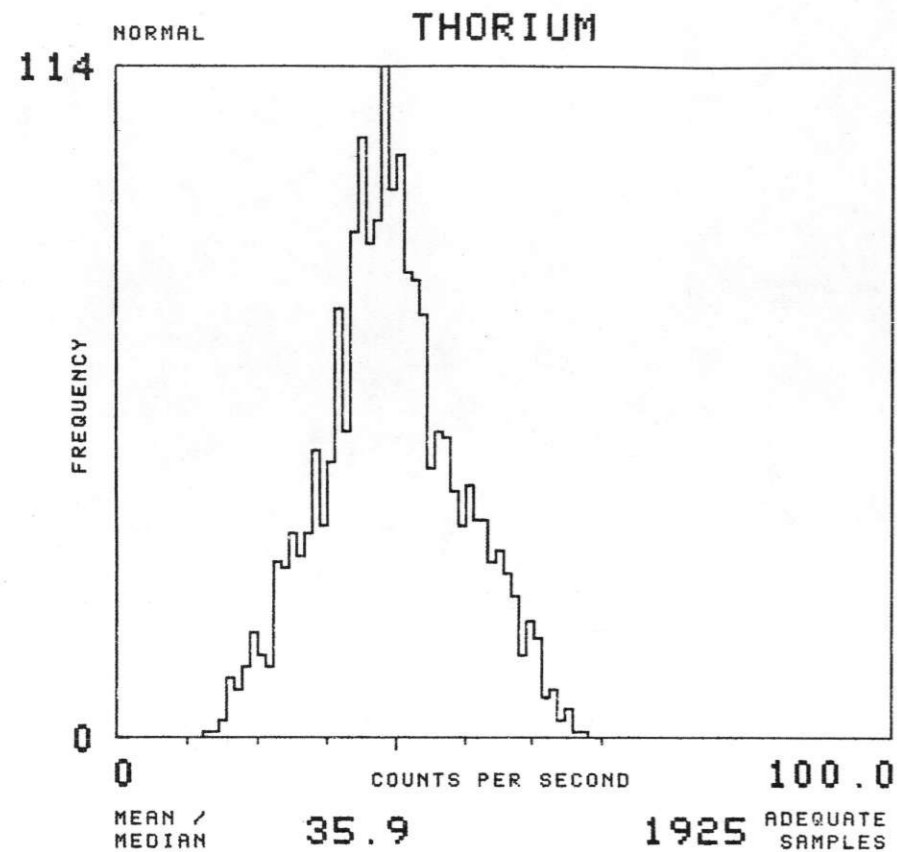


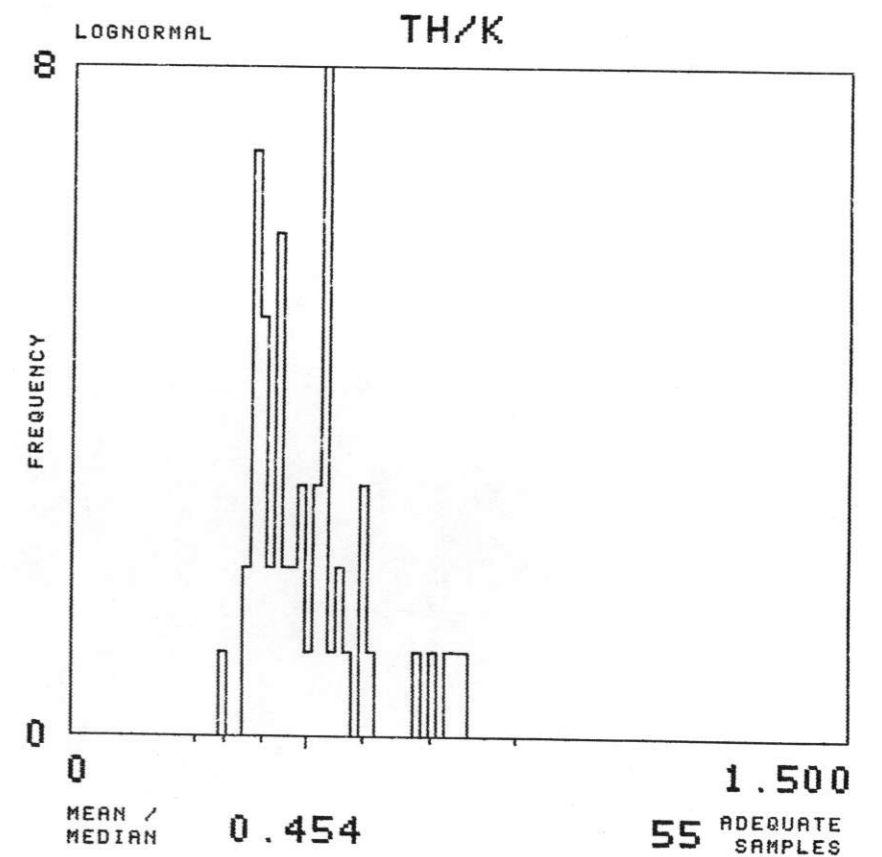
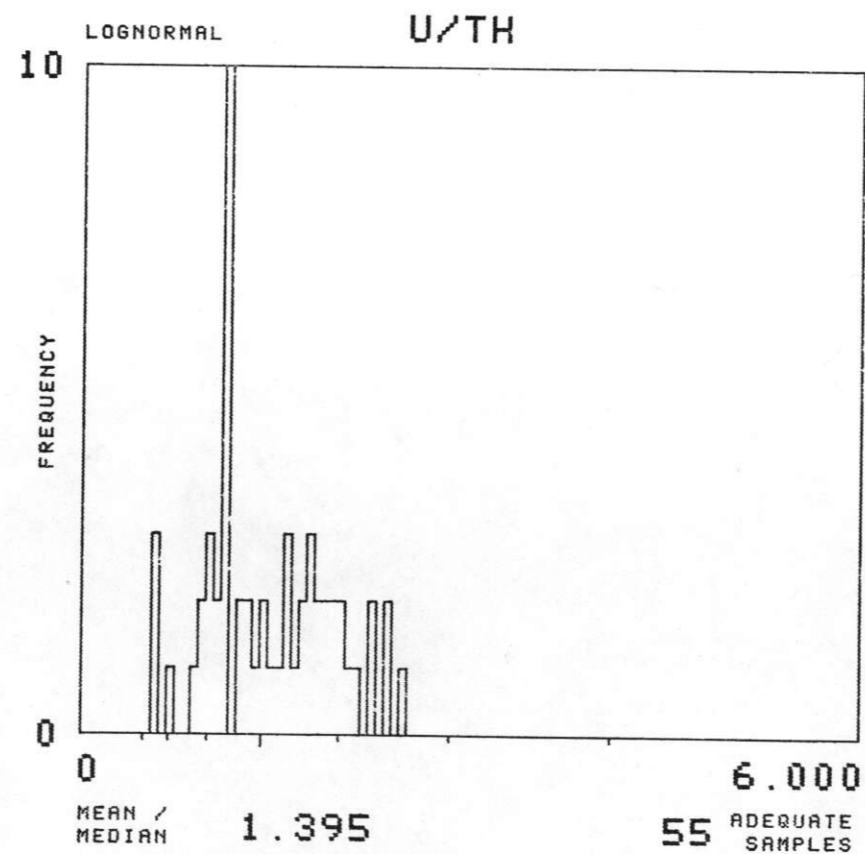
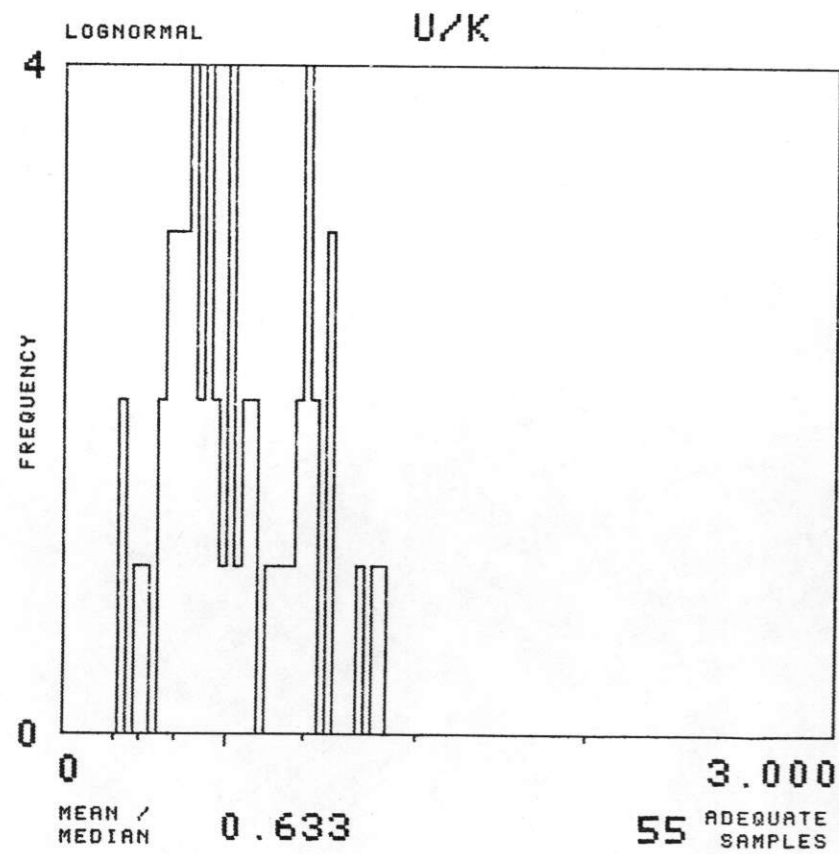
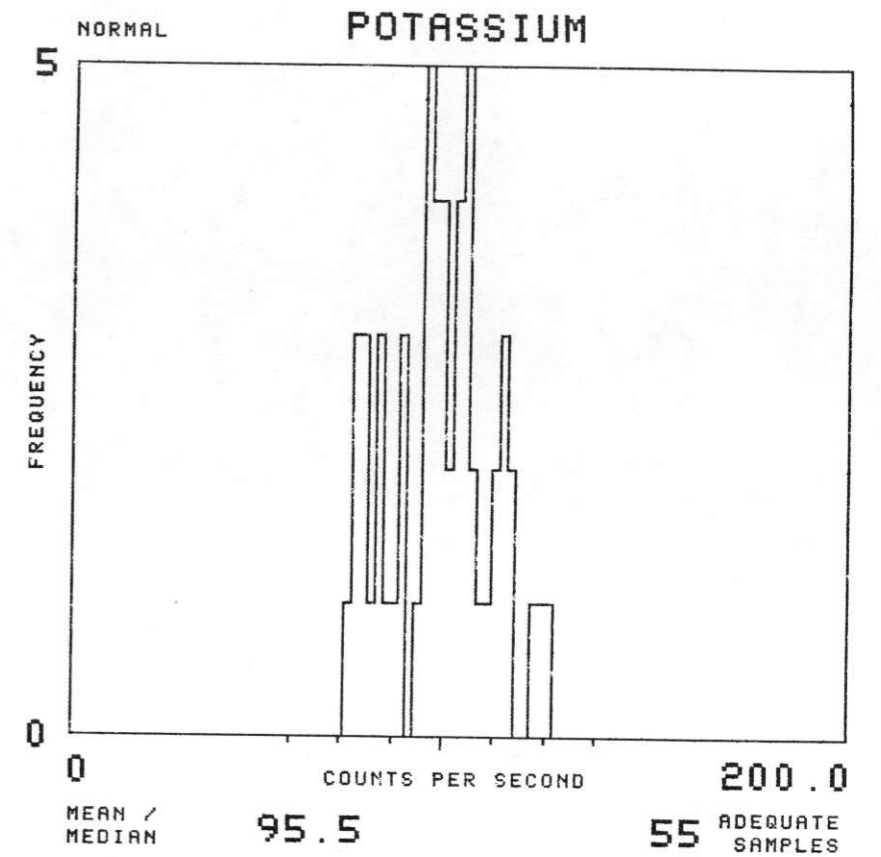
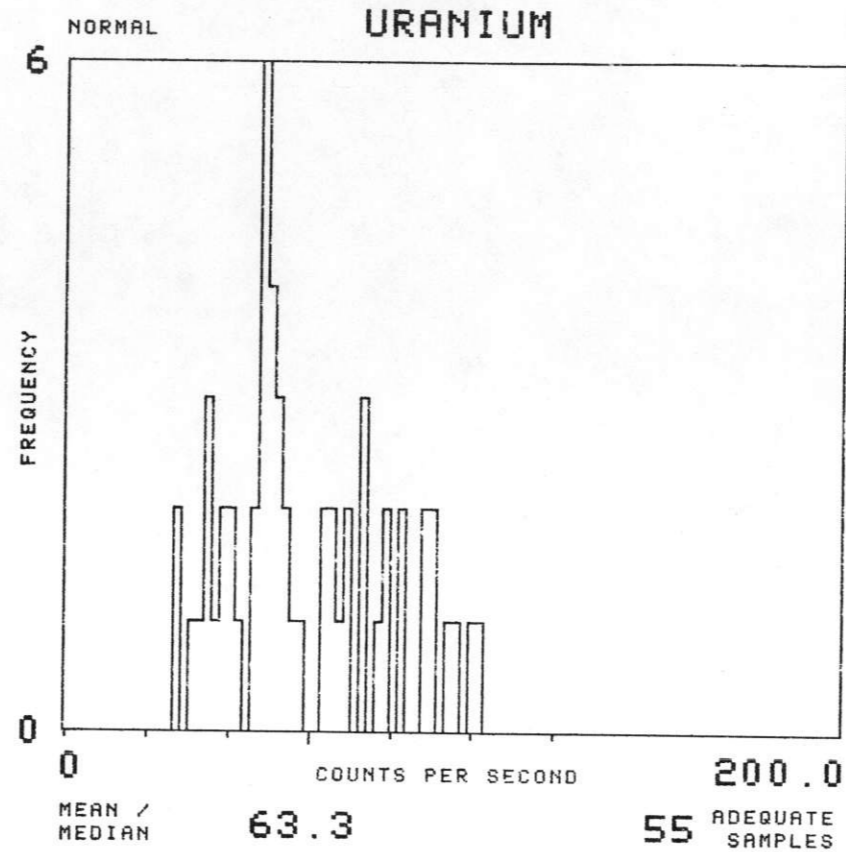
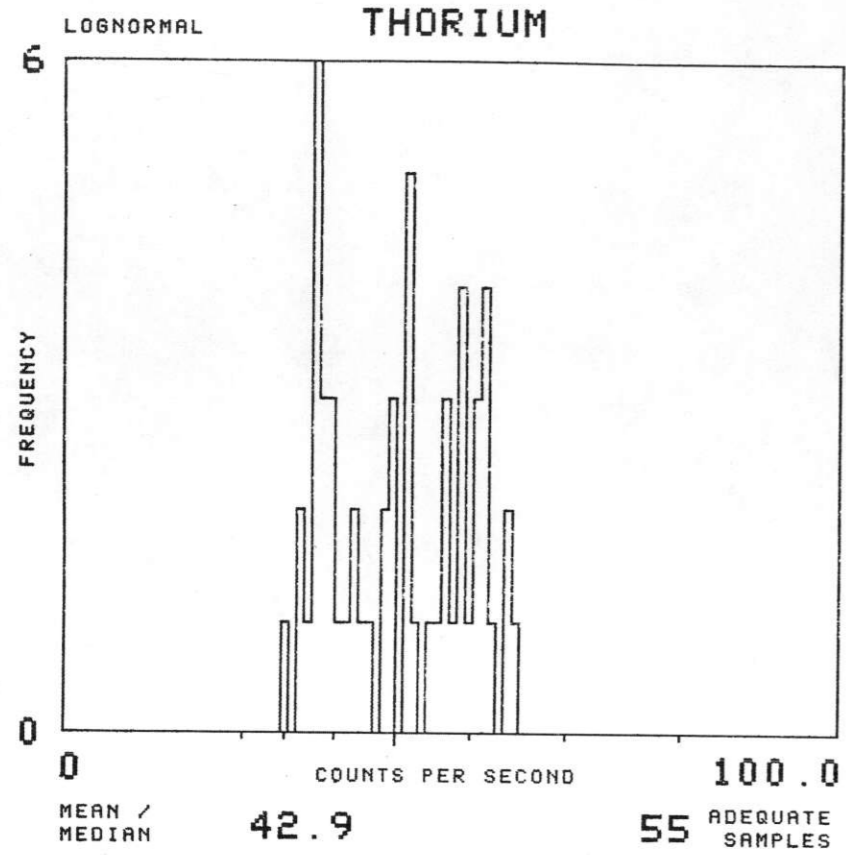


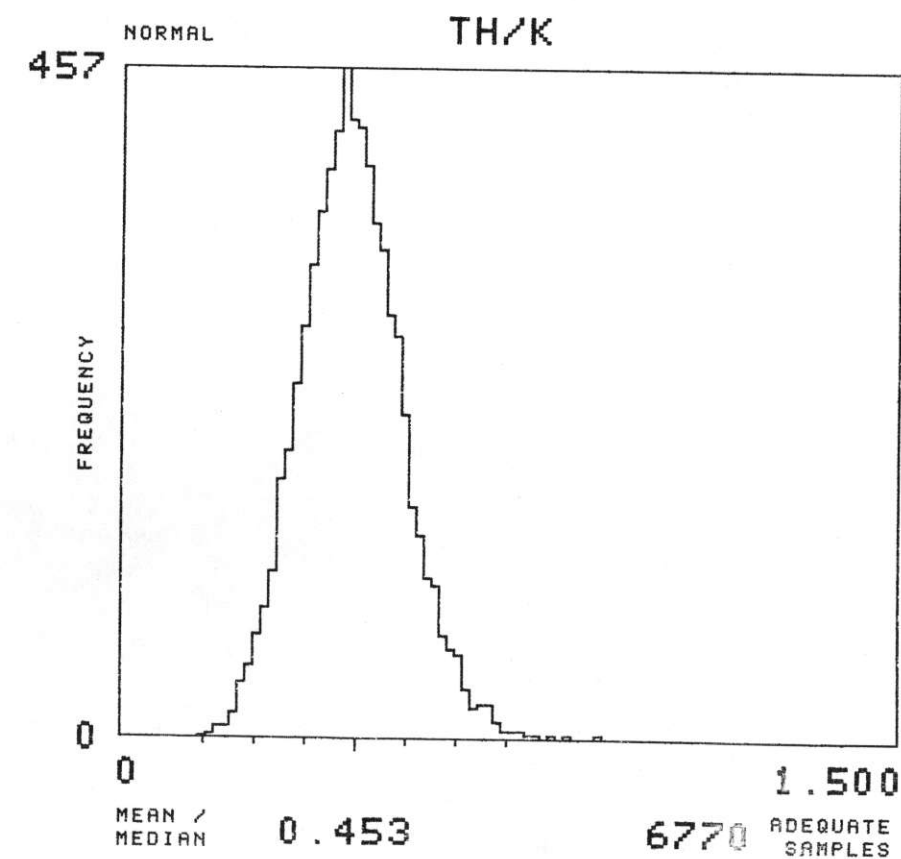
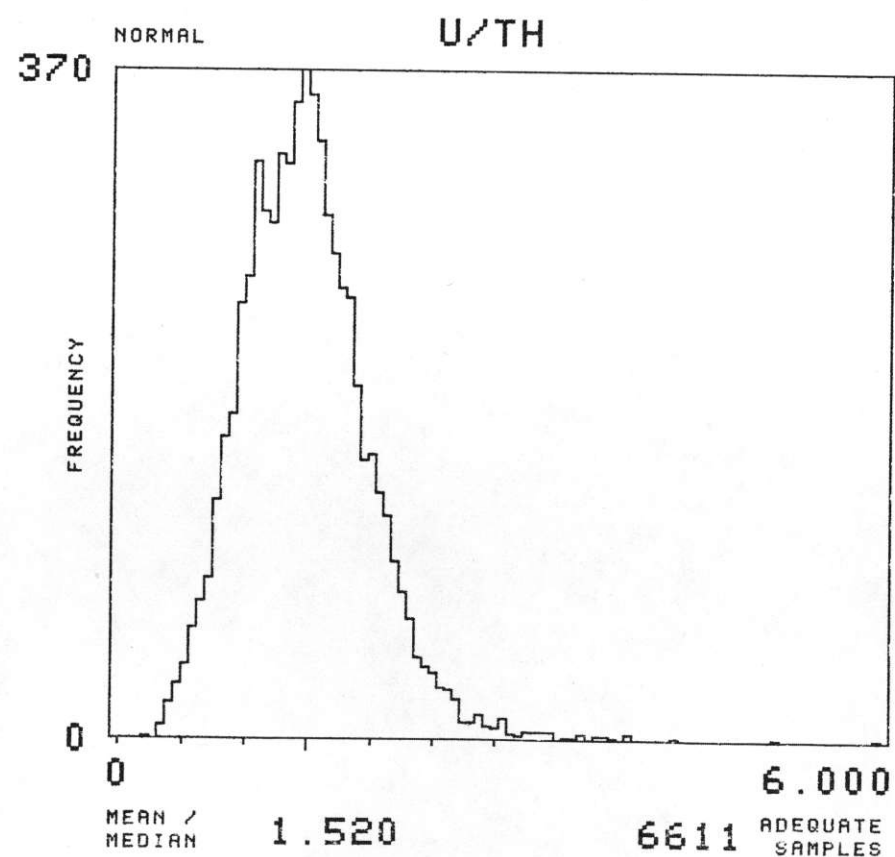
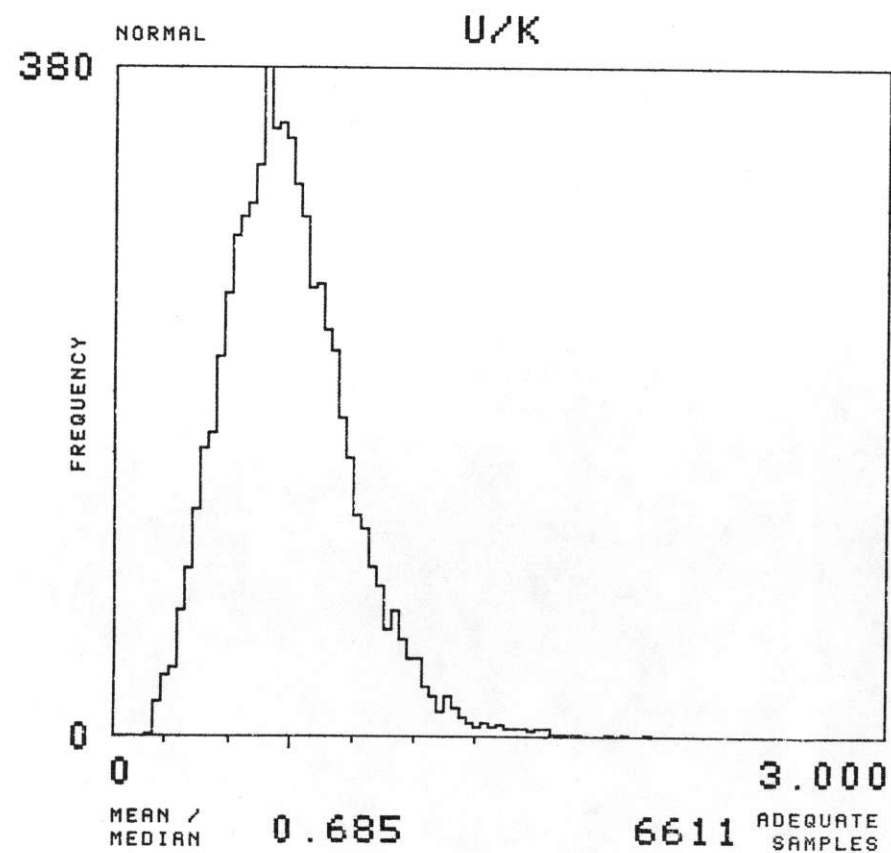
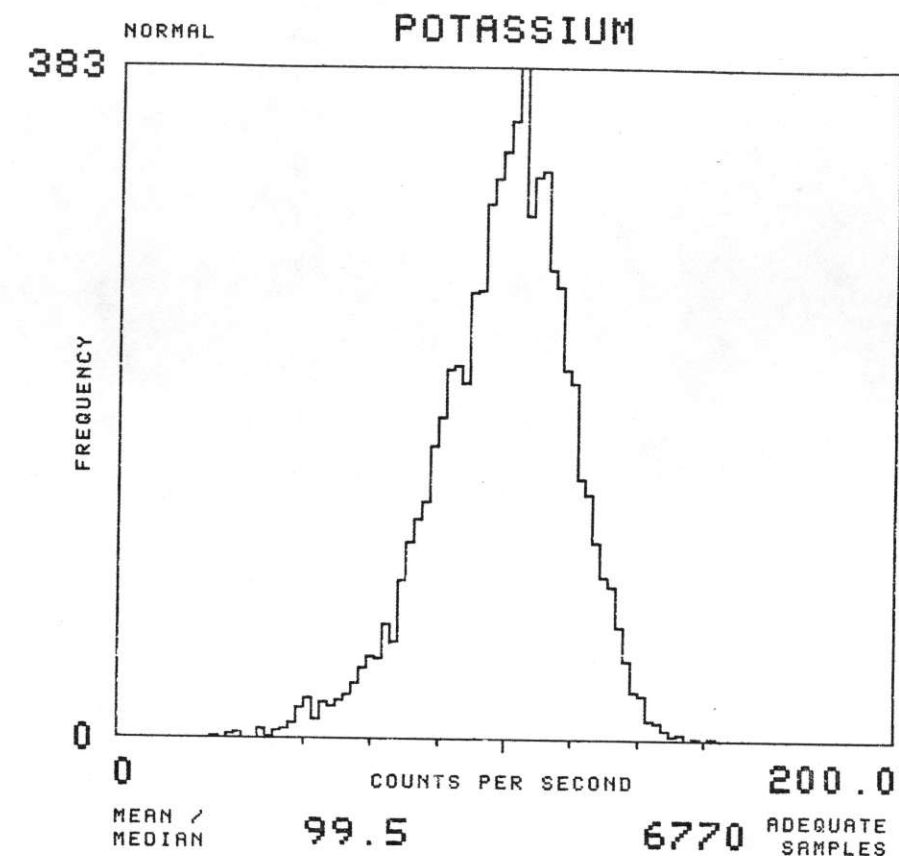
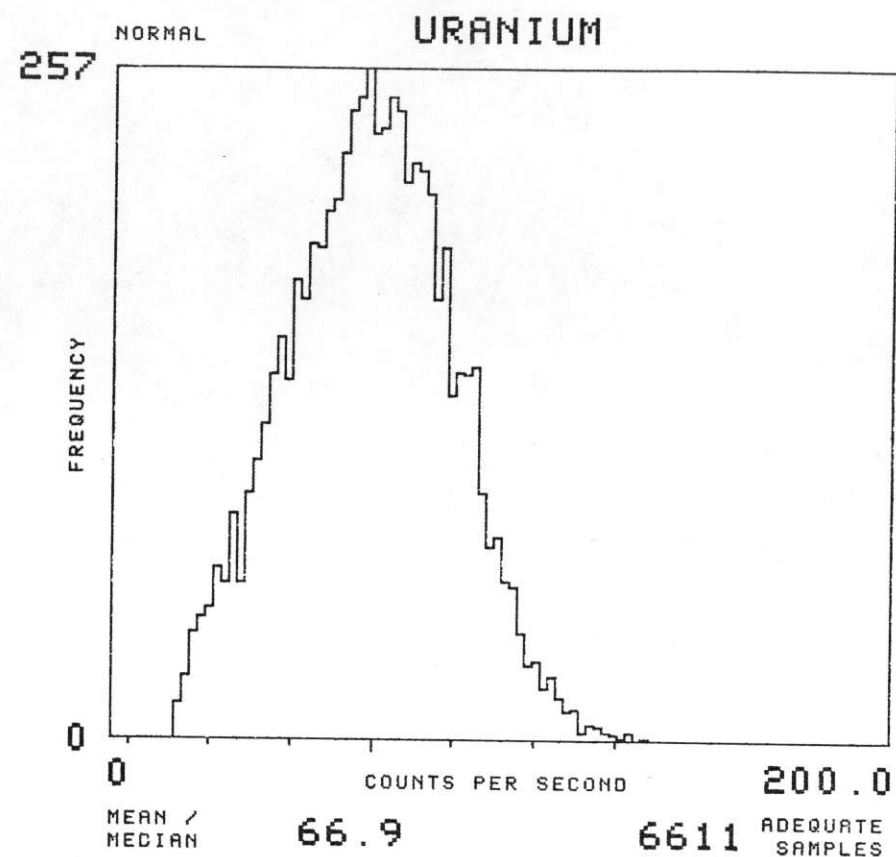
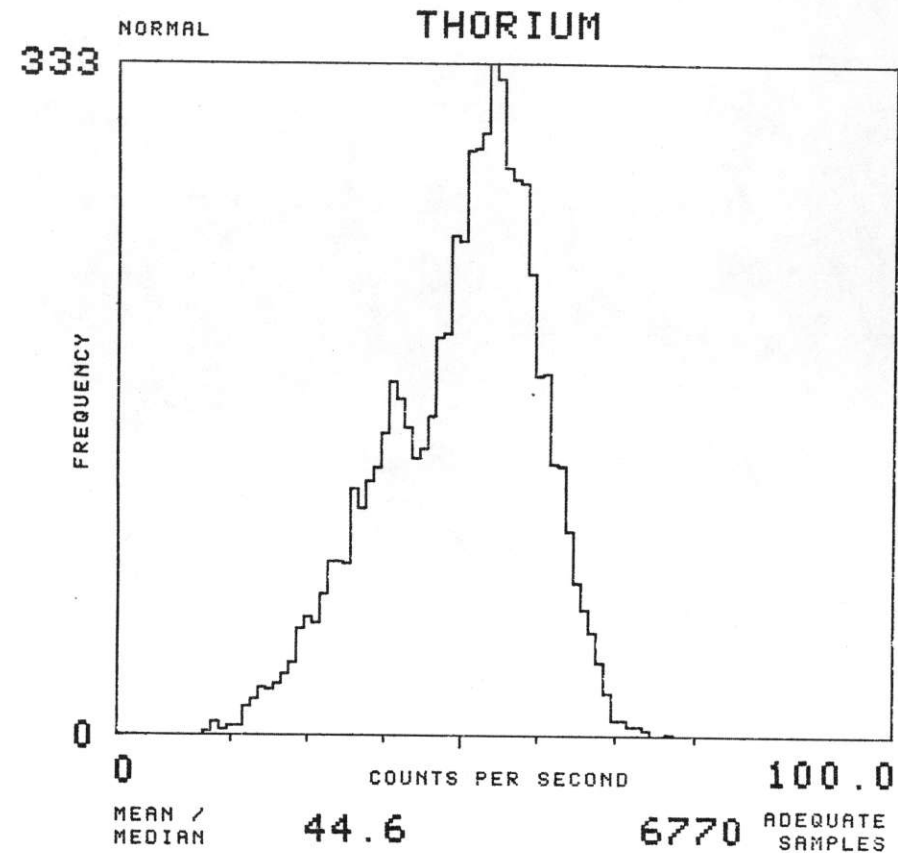
NTMS NK 14-9 FREMONT

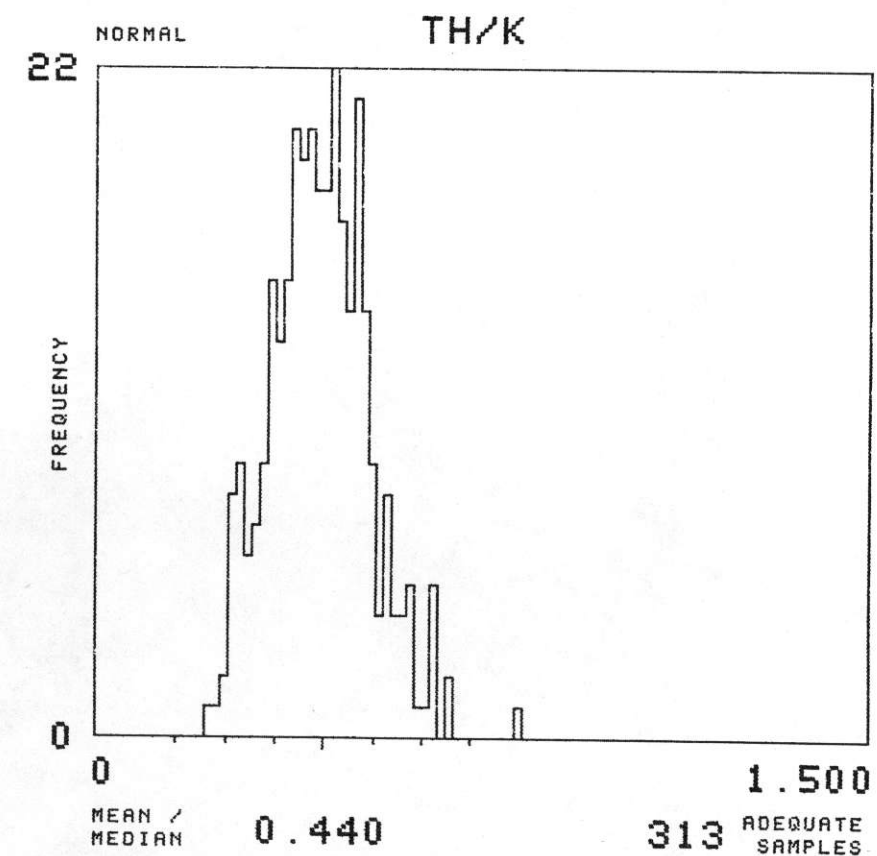
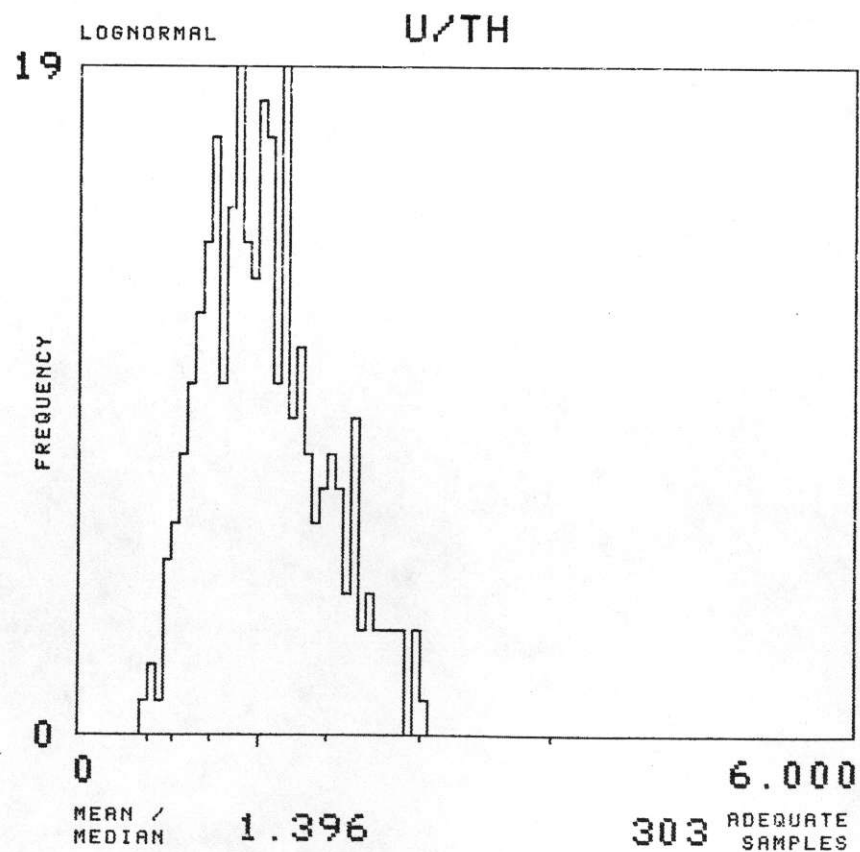
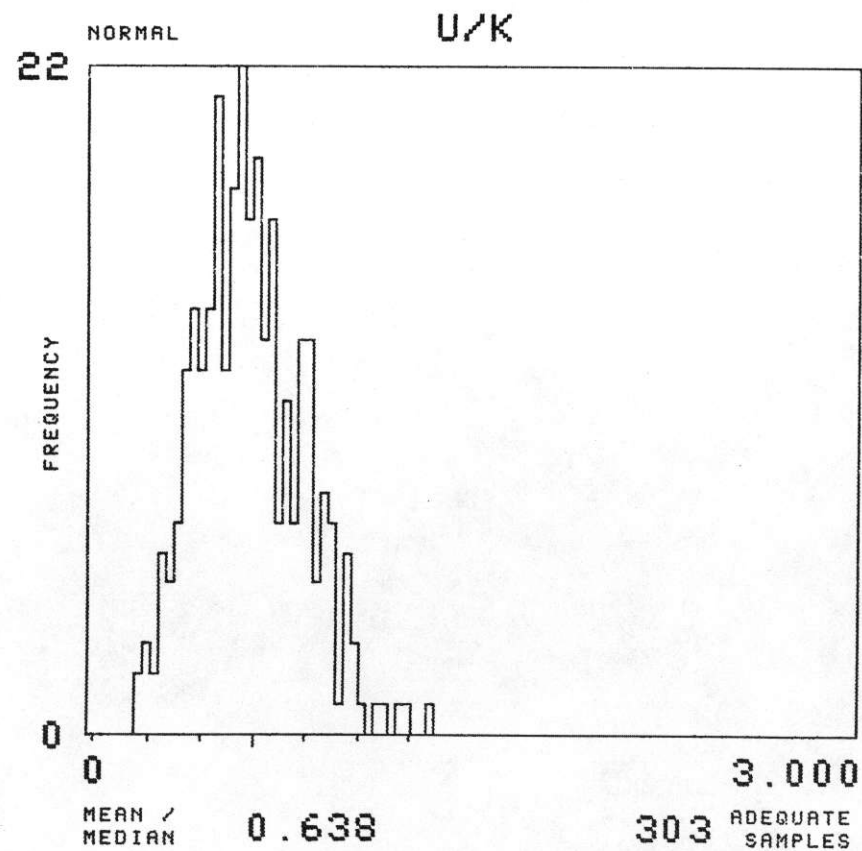
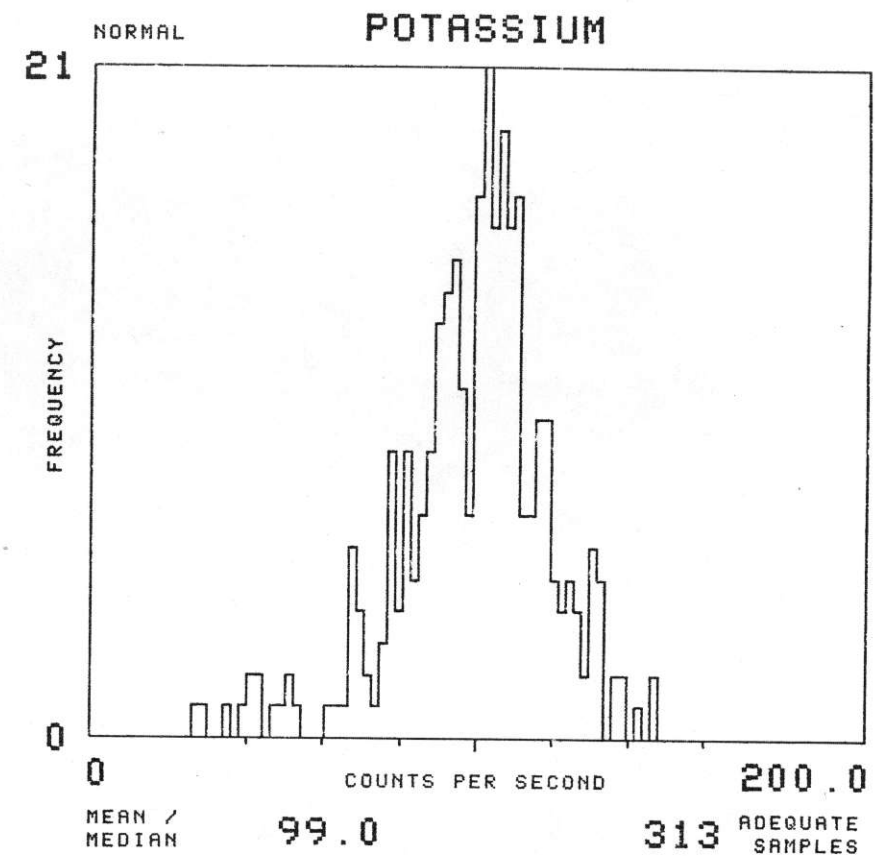
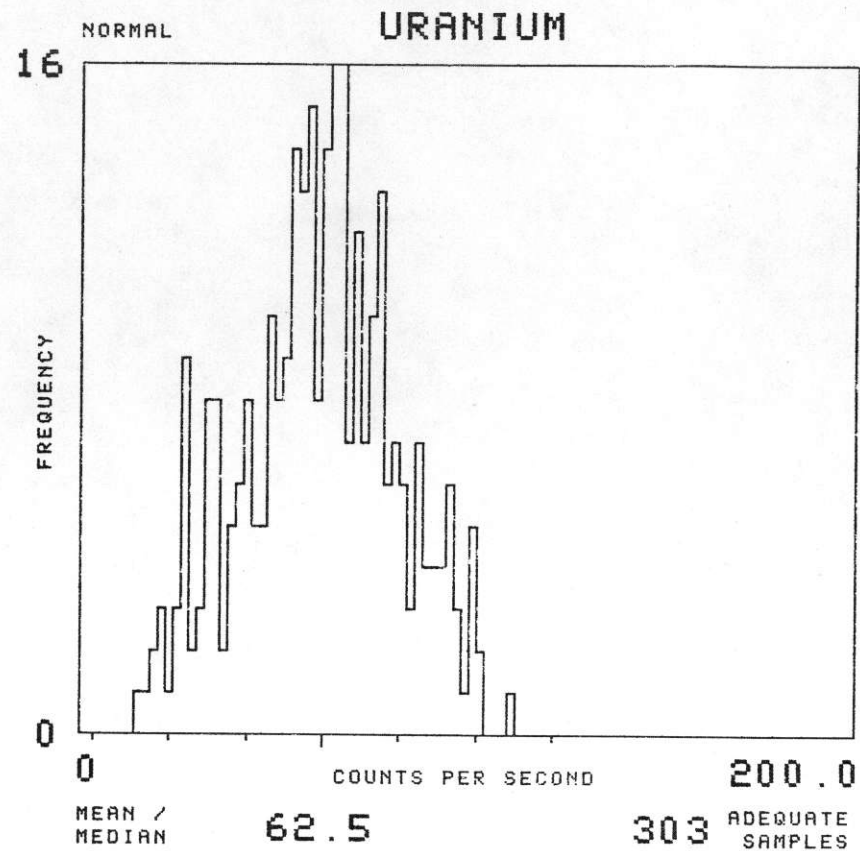
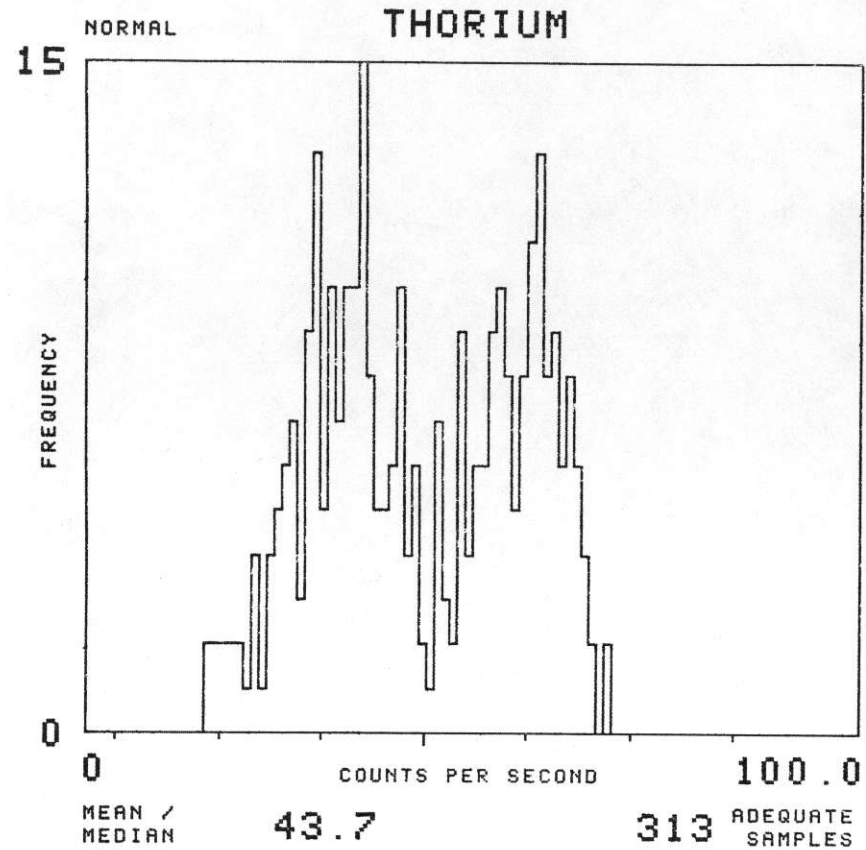
SOIL GROUP : CSL TOTAL NUMBER OF SAMPLES 1925

EAST SALINA BASIN - GEOMETRICS 1977





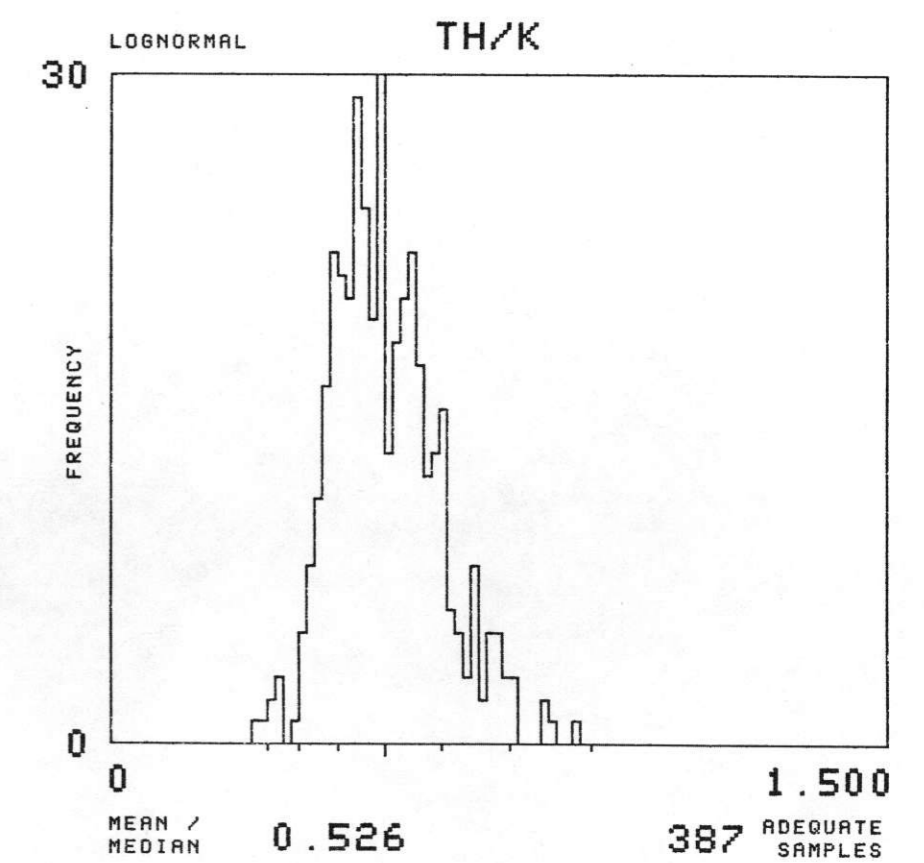
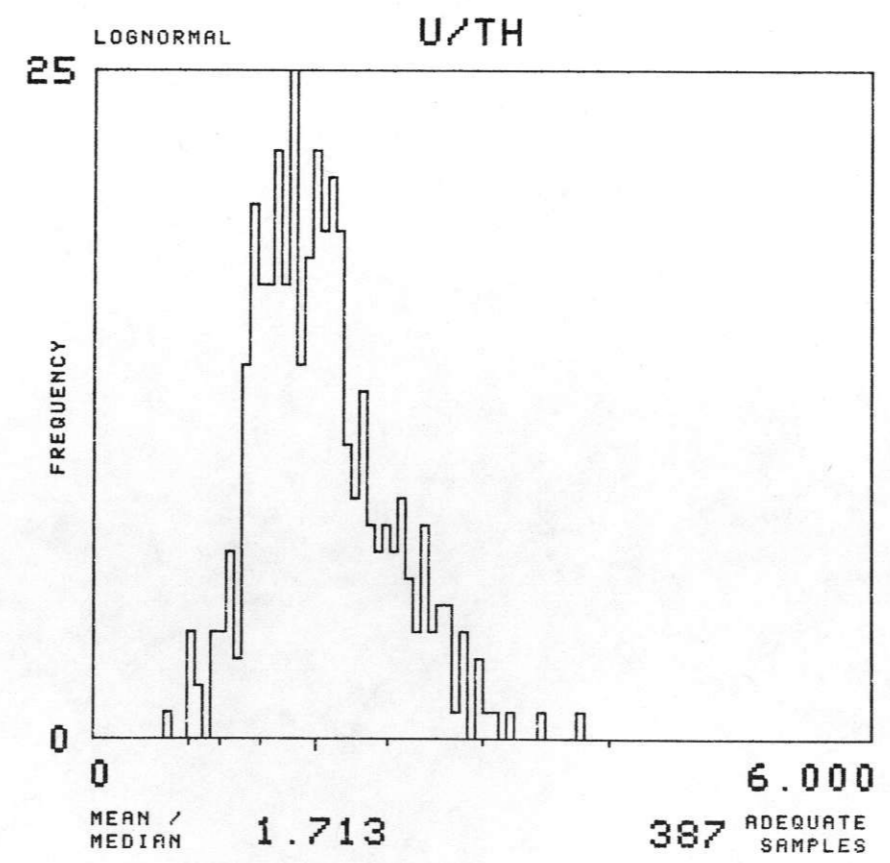
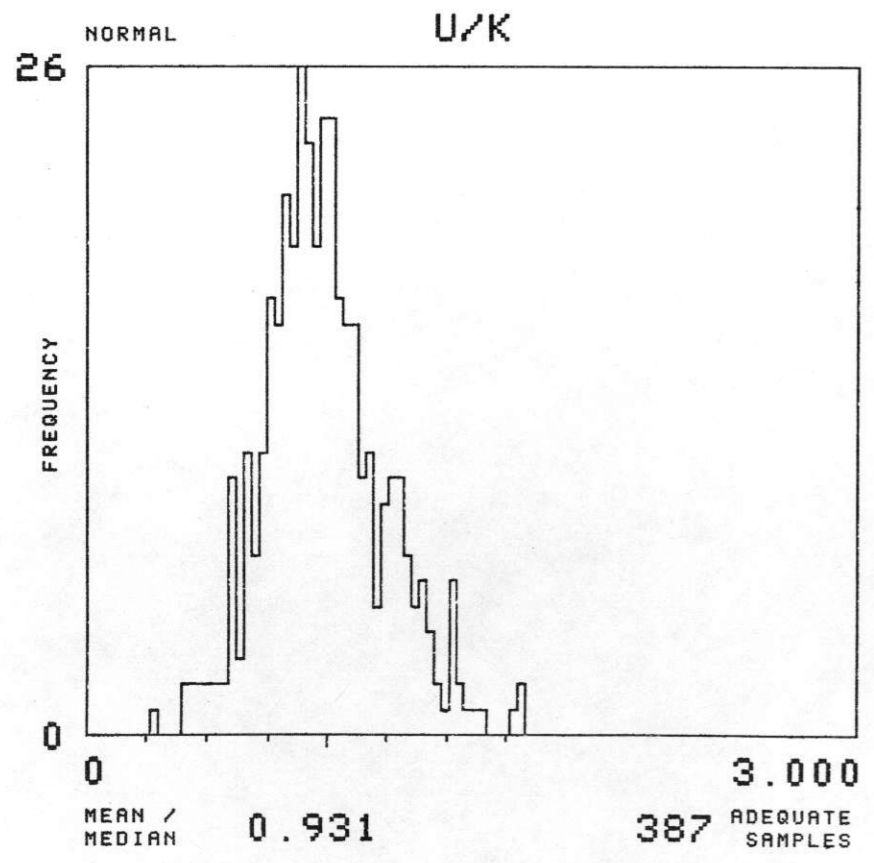
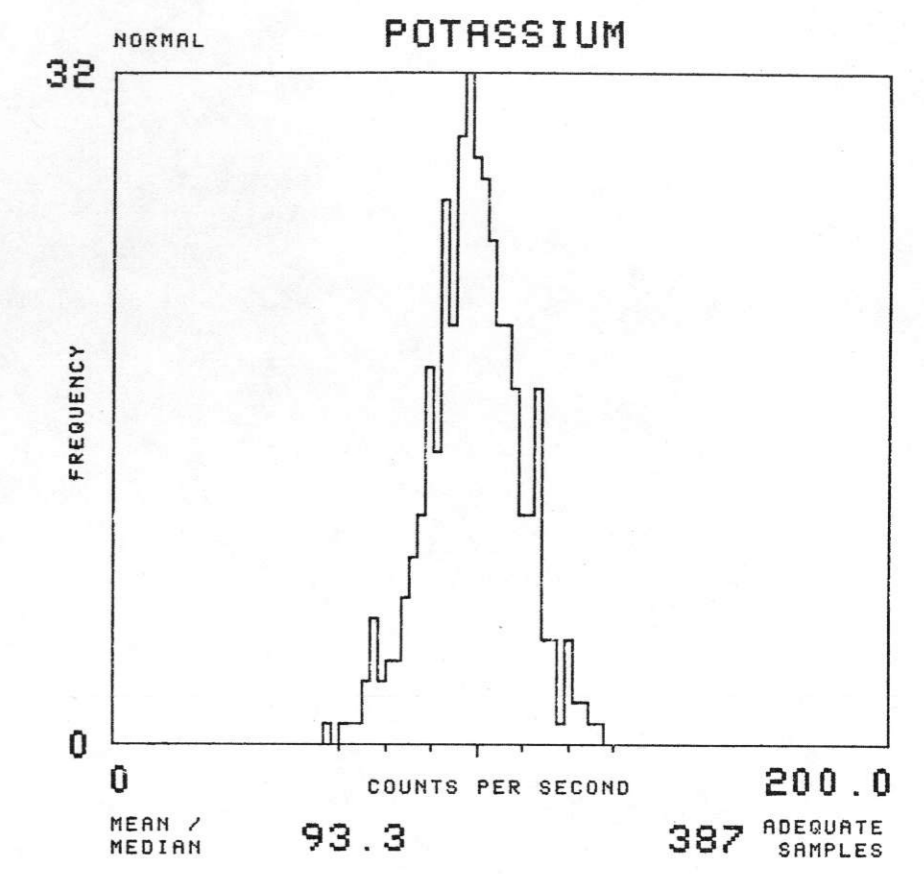
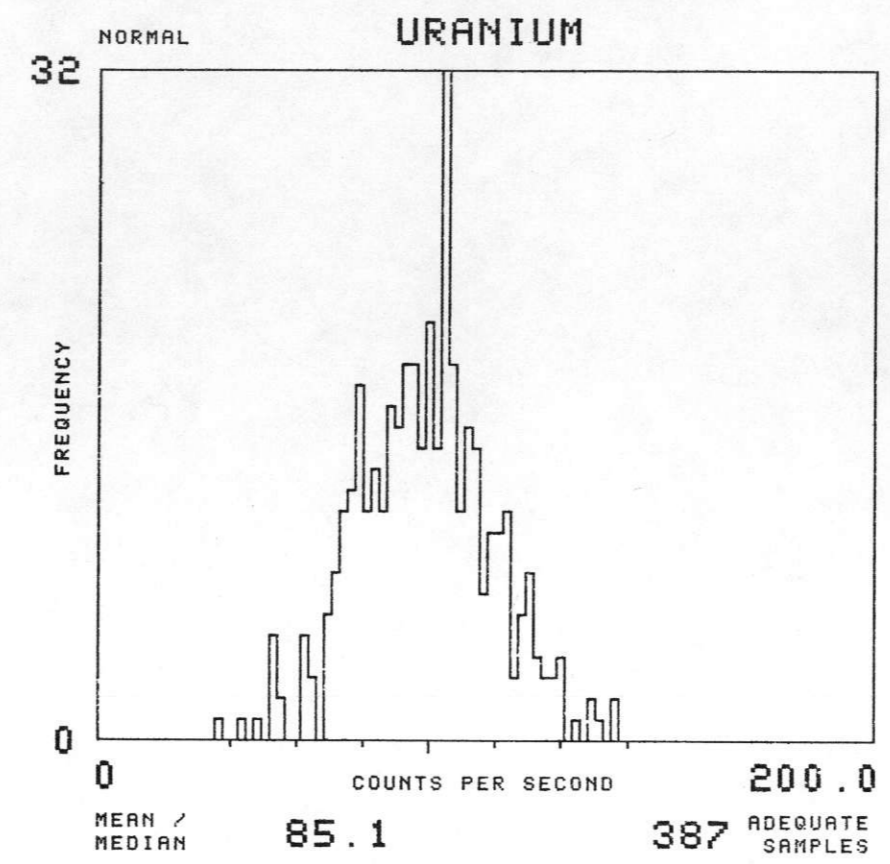
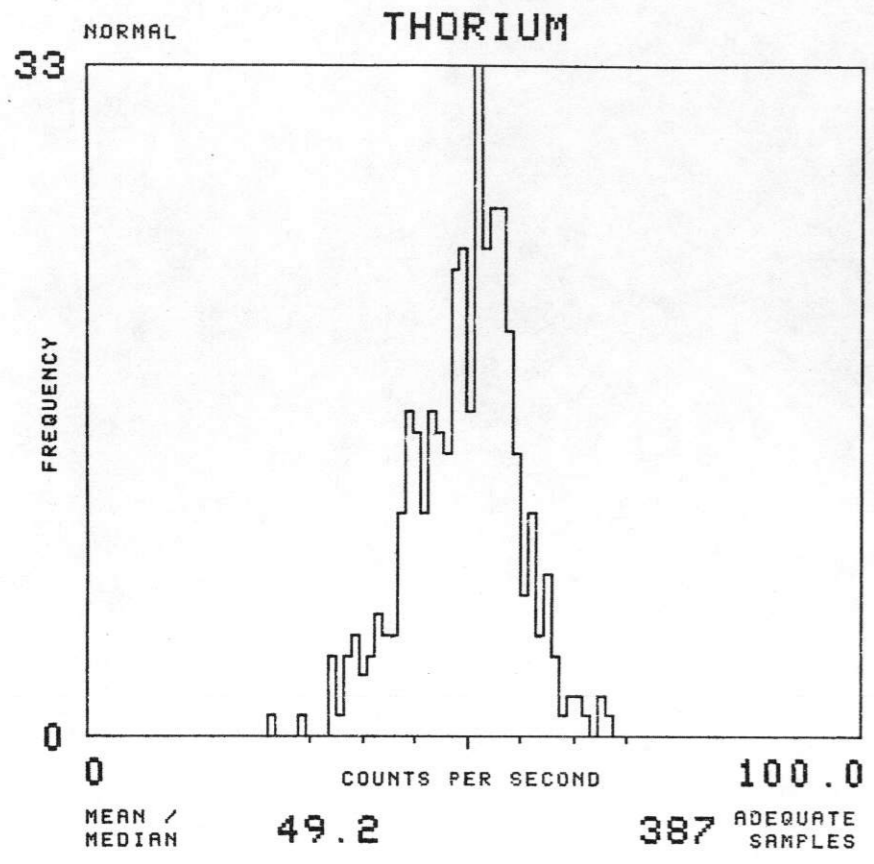


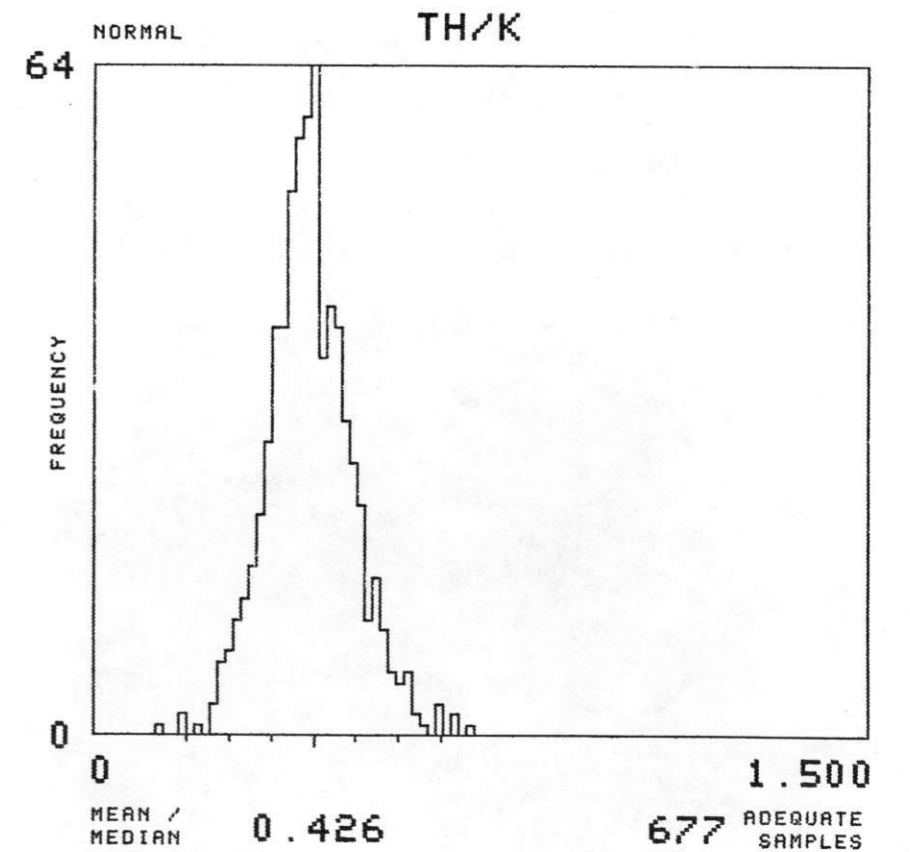
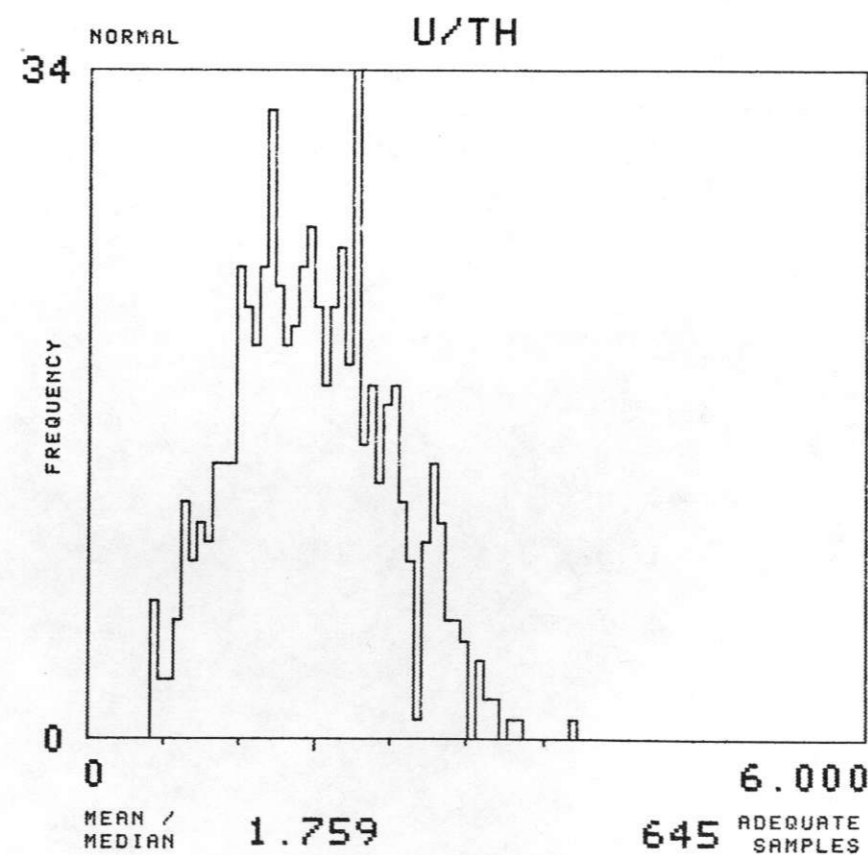
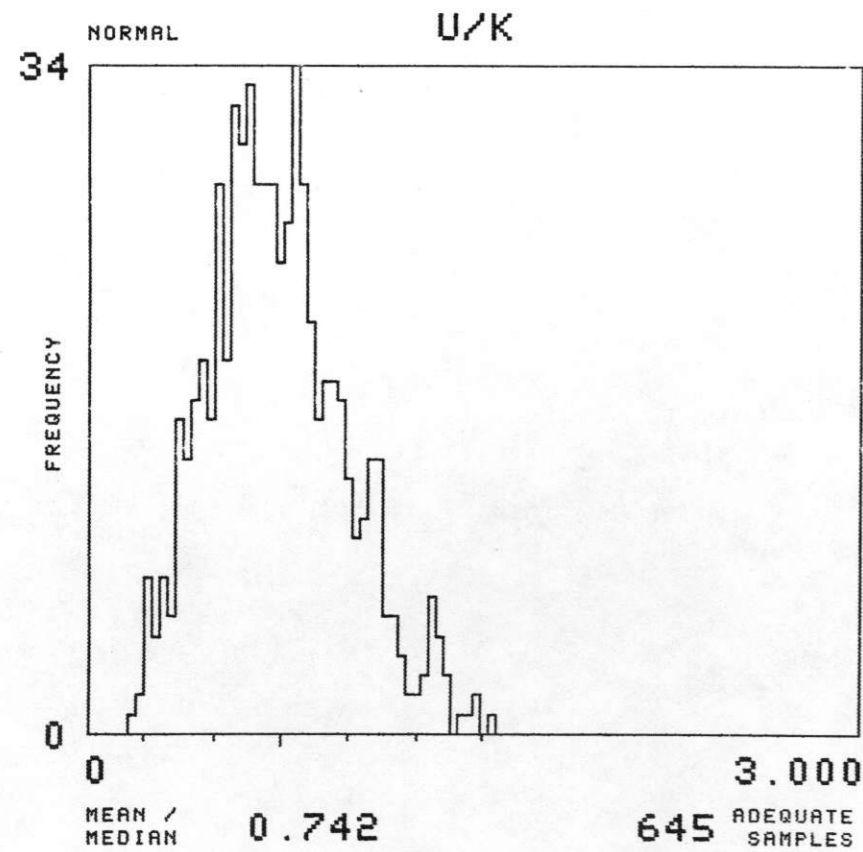
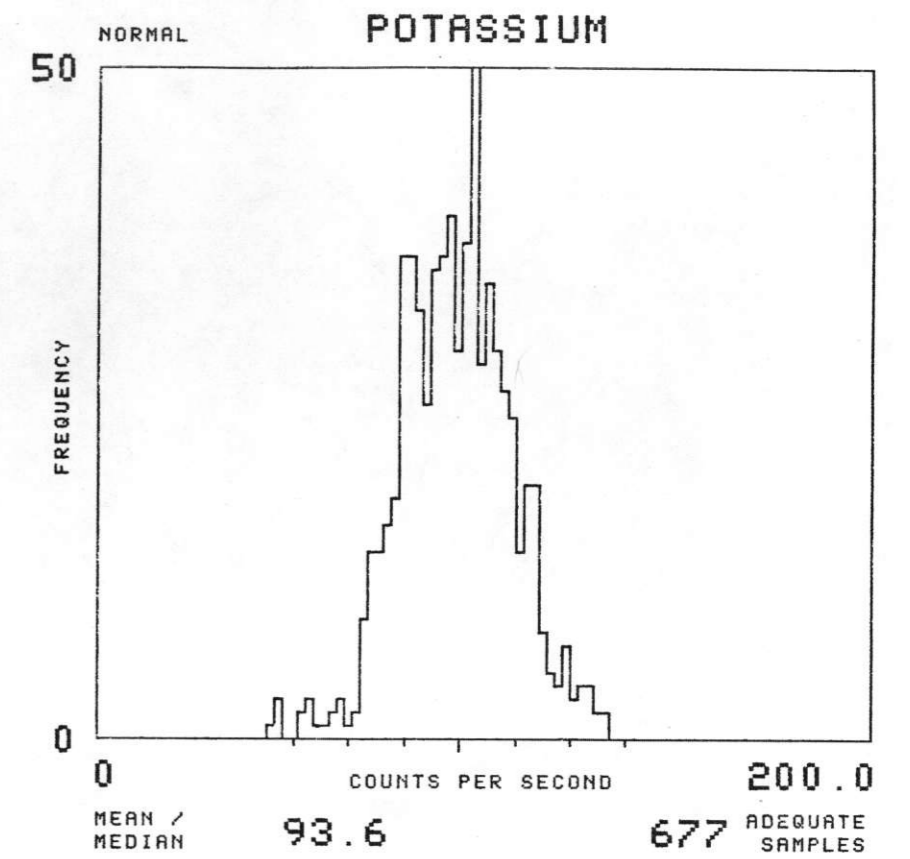
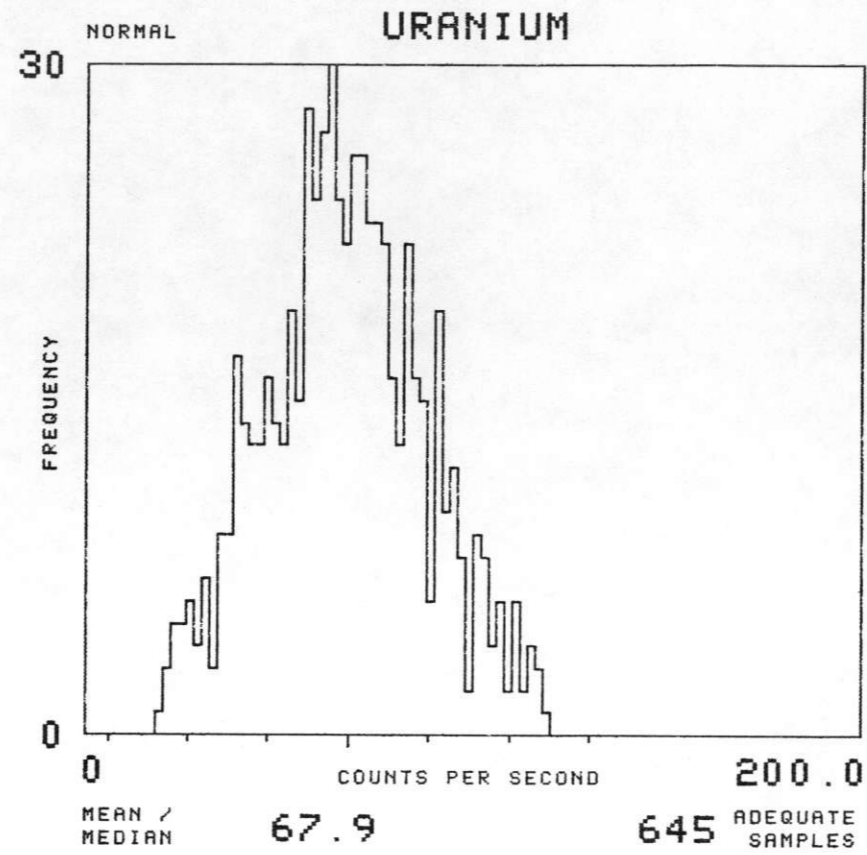
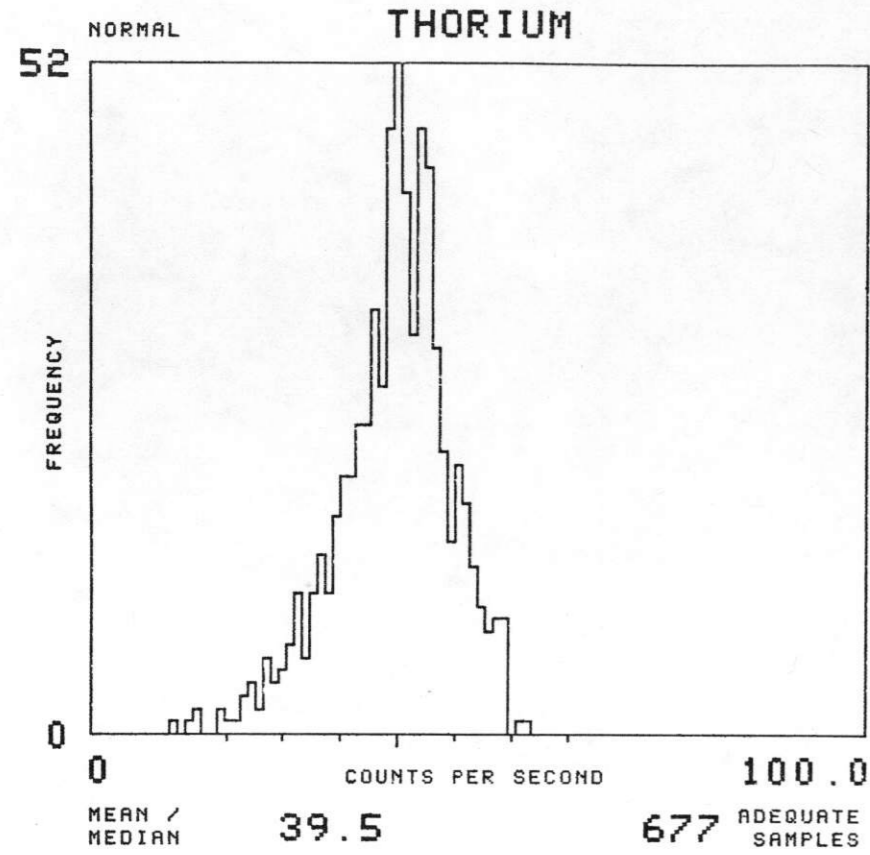


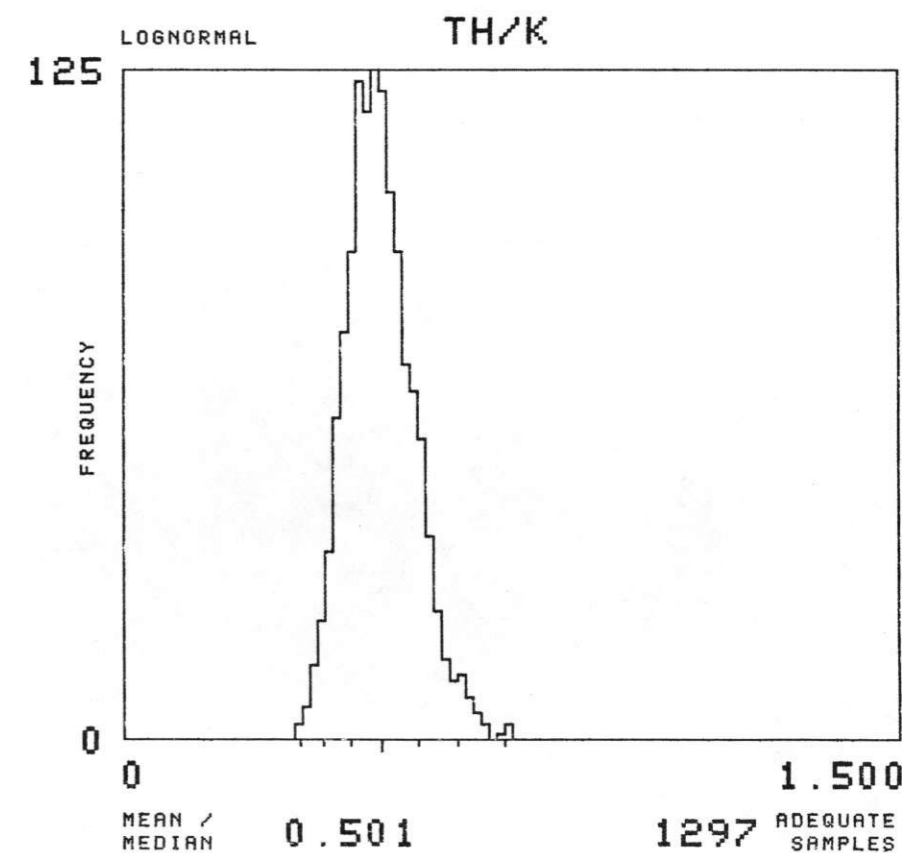
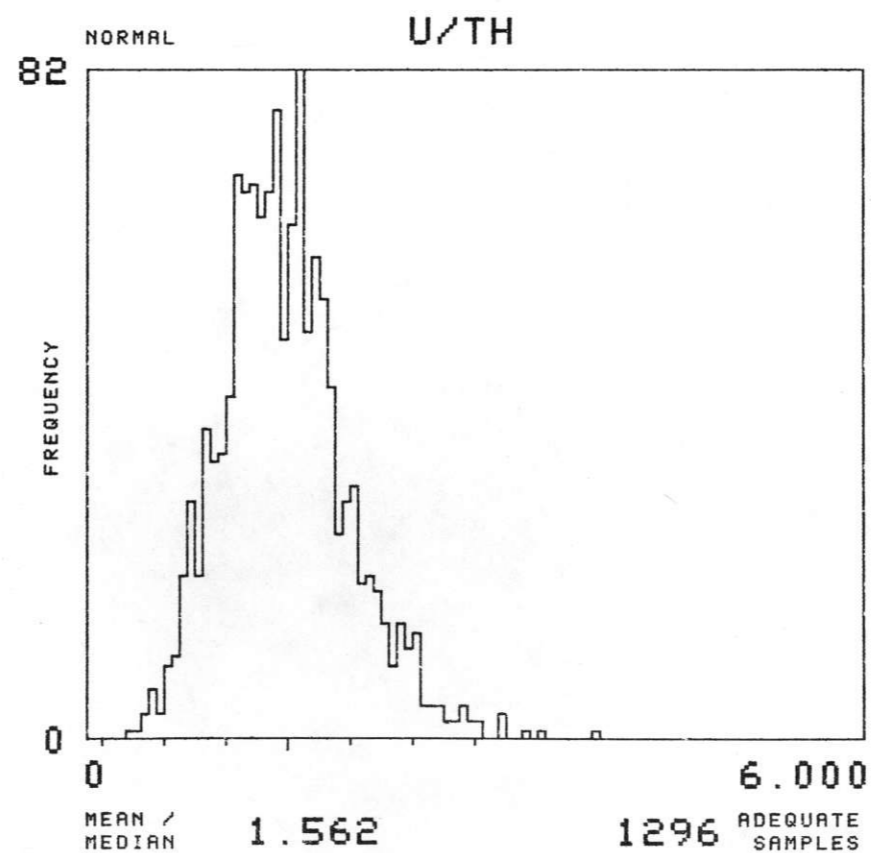
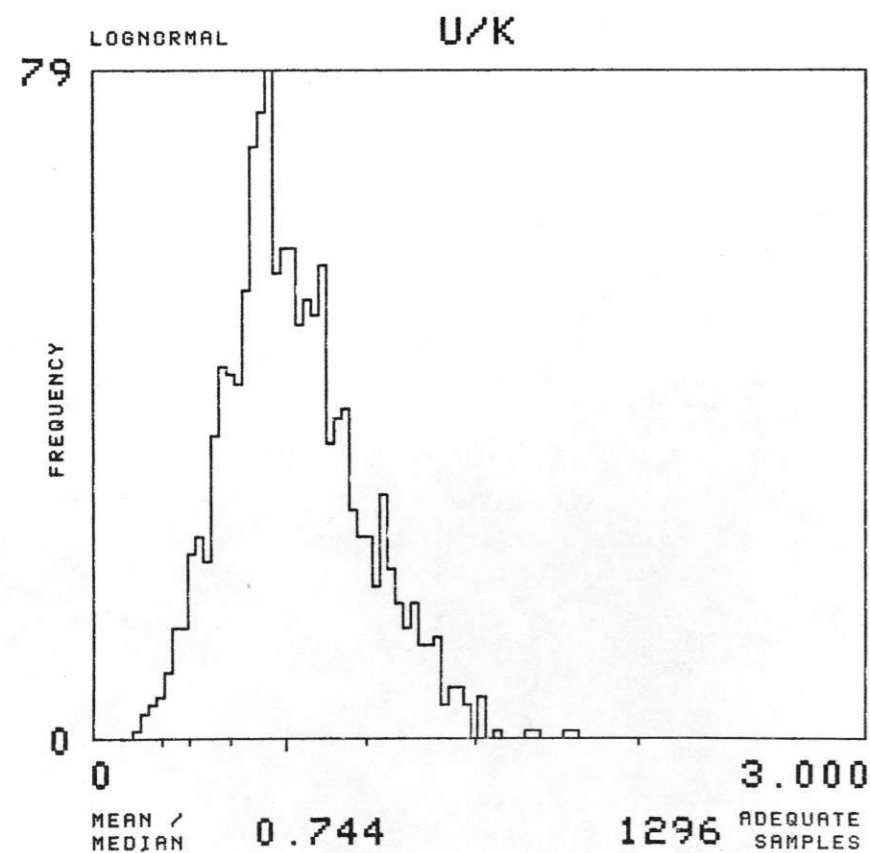
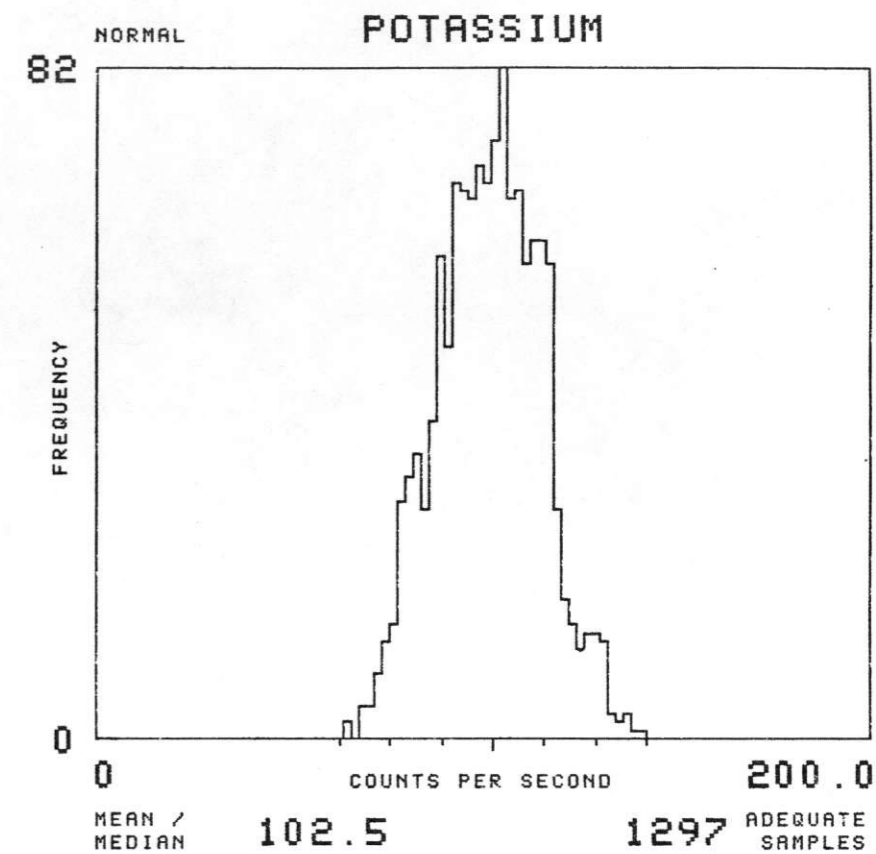
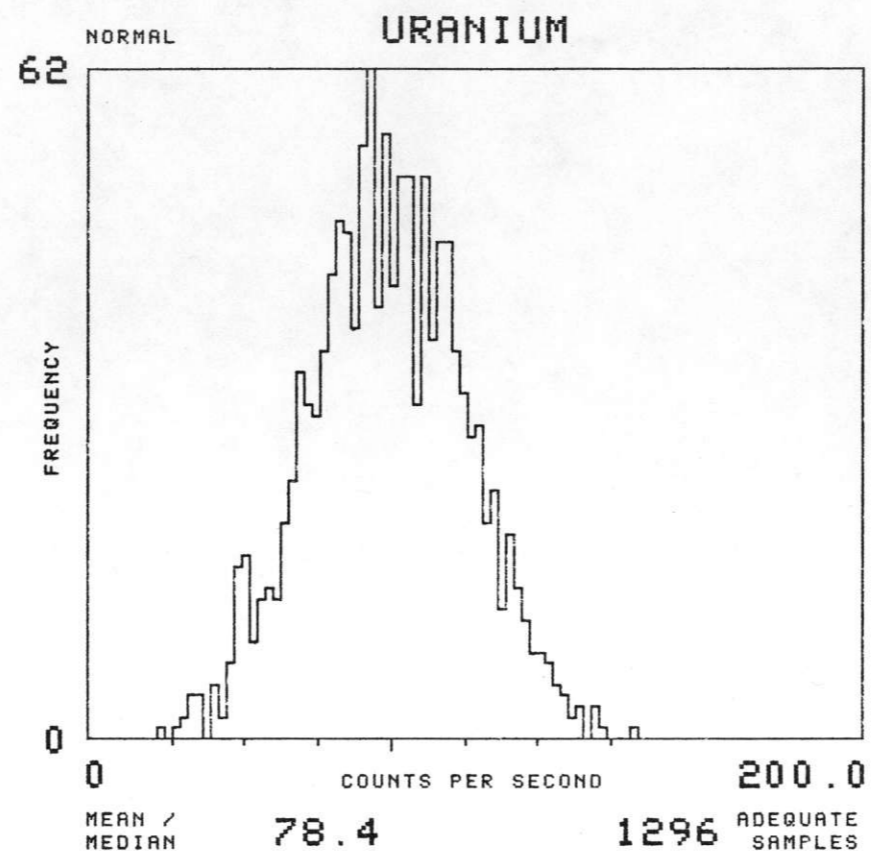
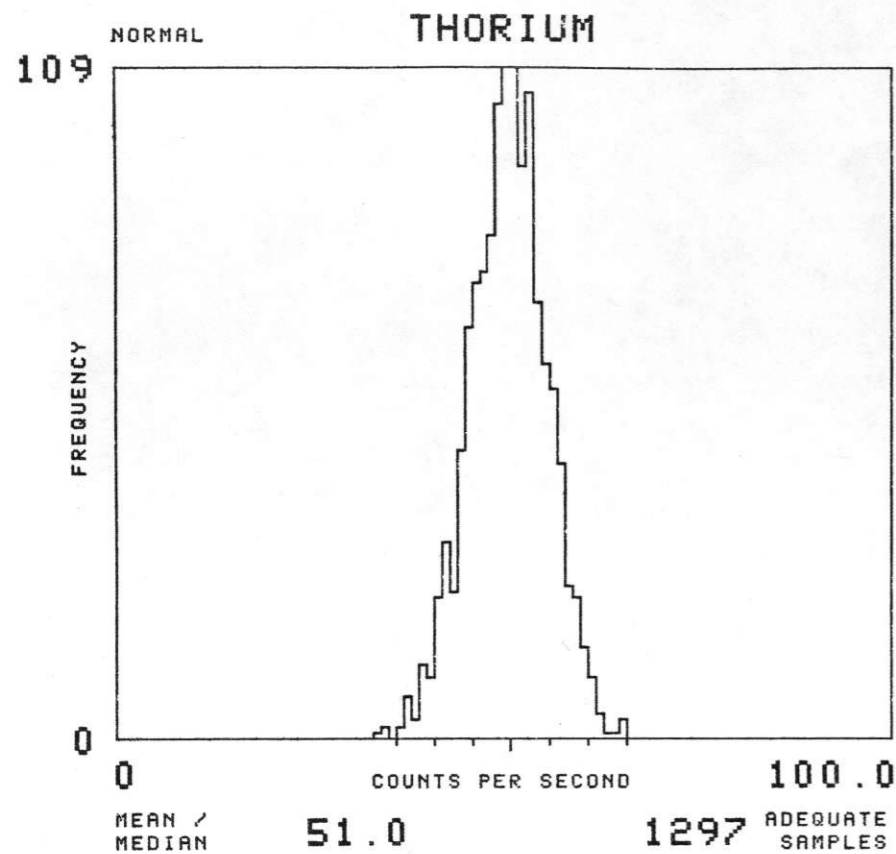
NTMS NK 14-9 FREMONT

SOIL GROUP : CYCZ TOTAL NUMBER OF SAMPLES 387

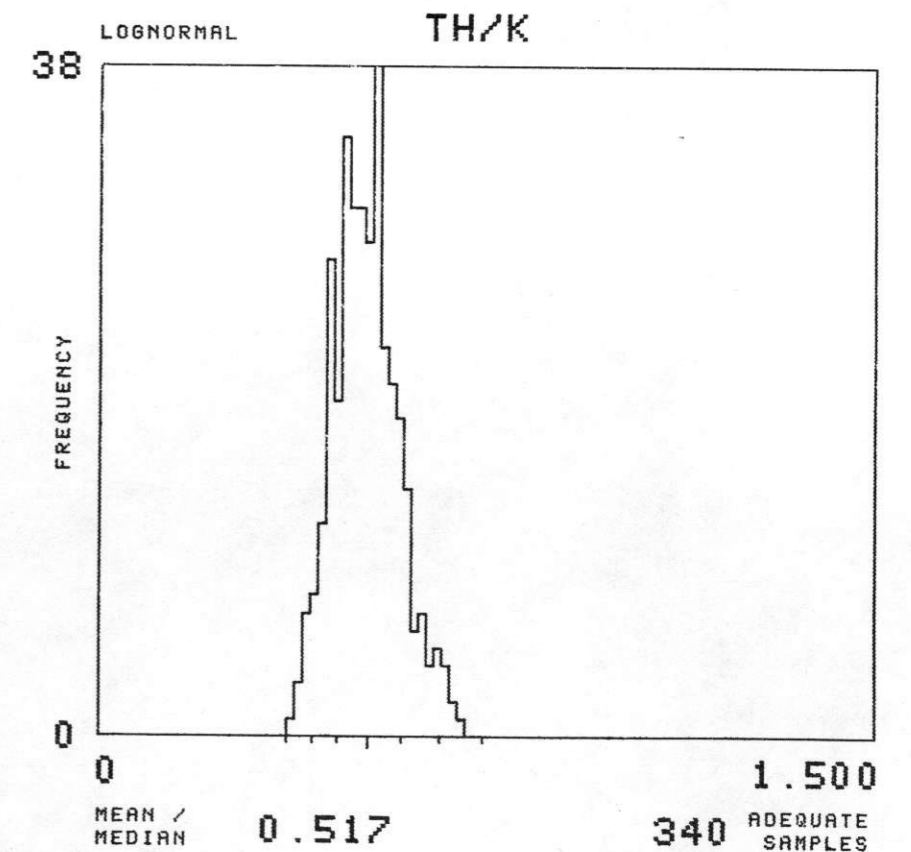
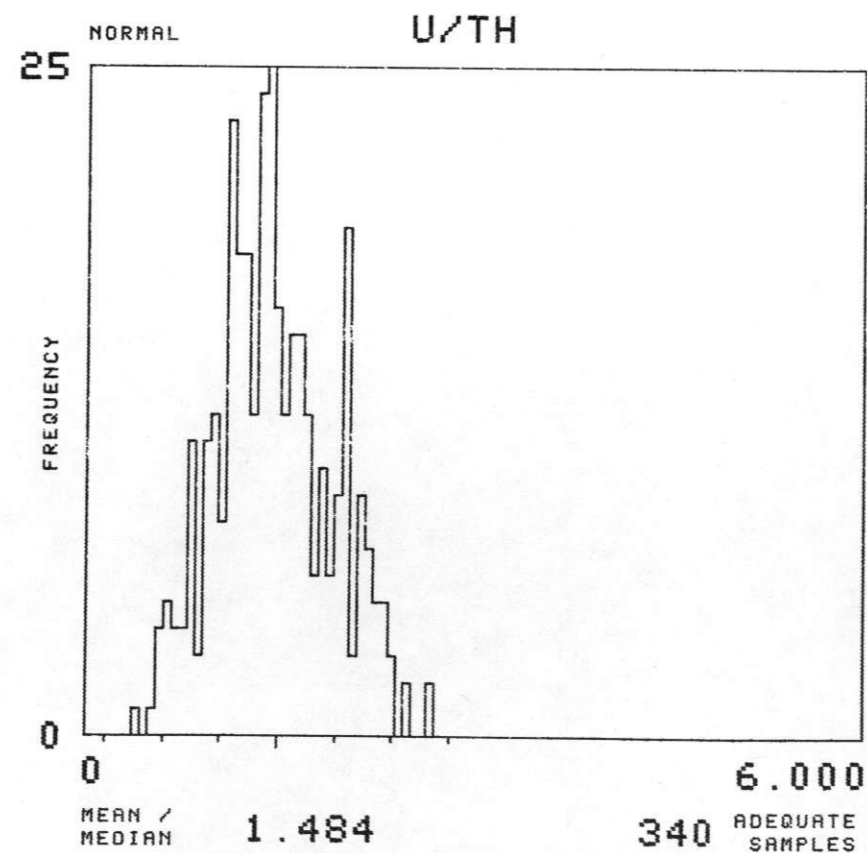
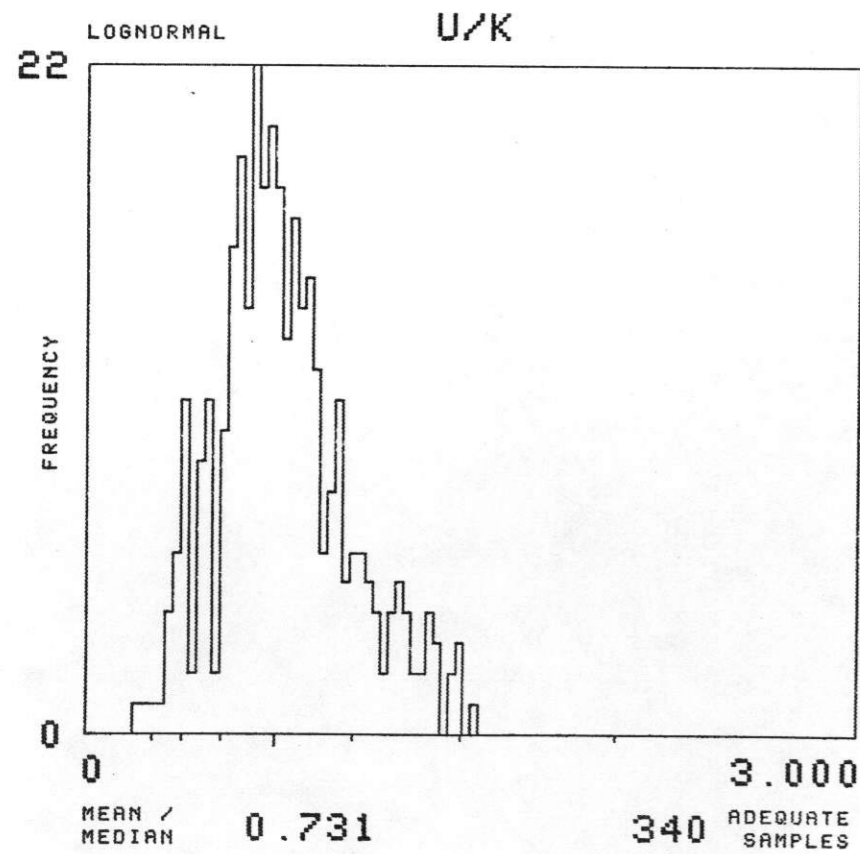
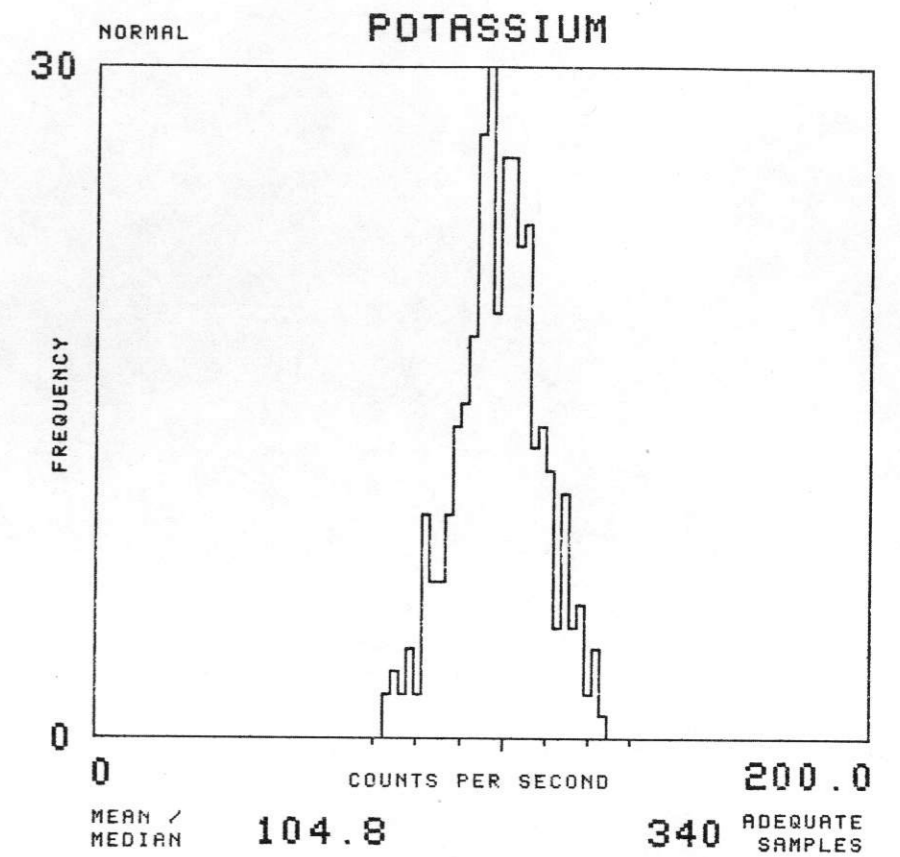
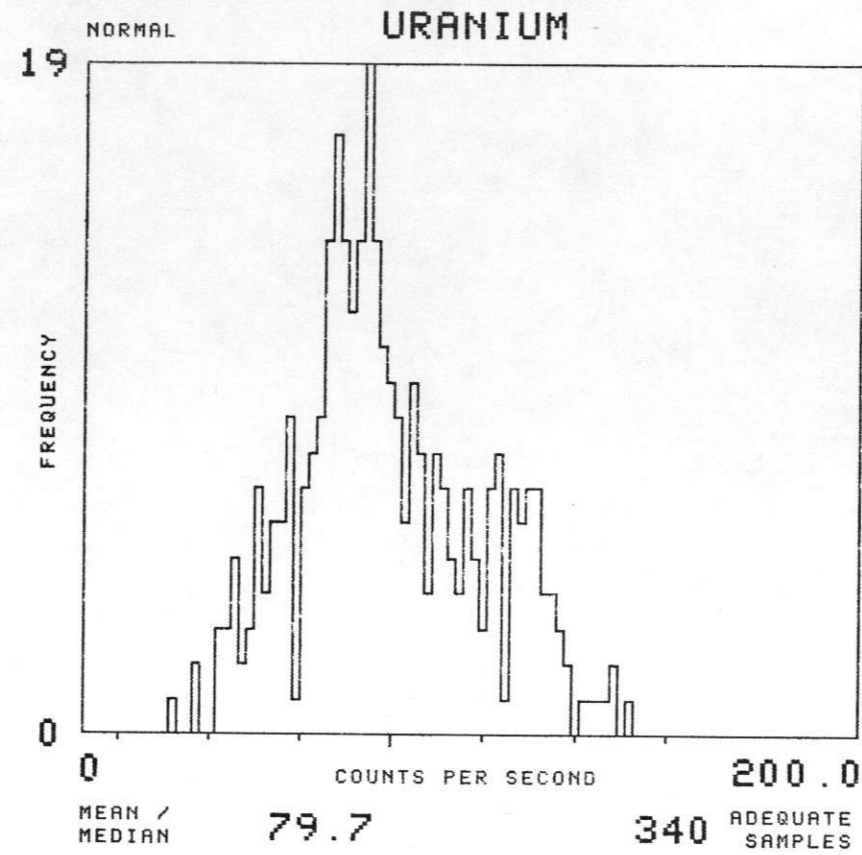
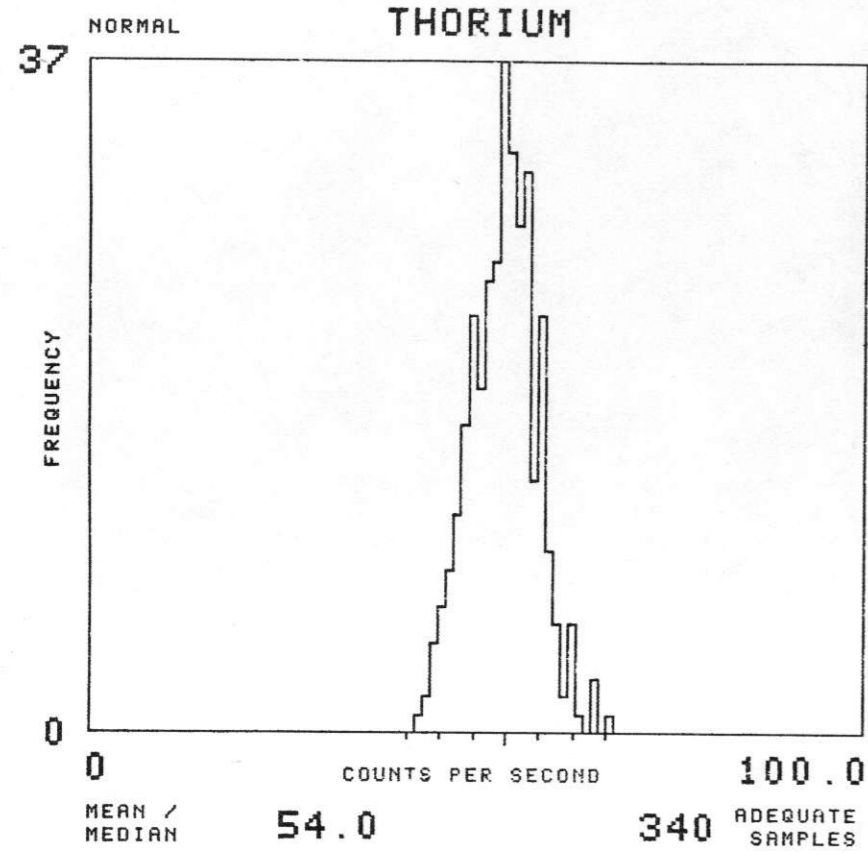
EAST SALINA BASIN - GEOMETRICS 1977

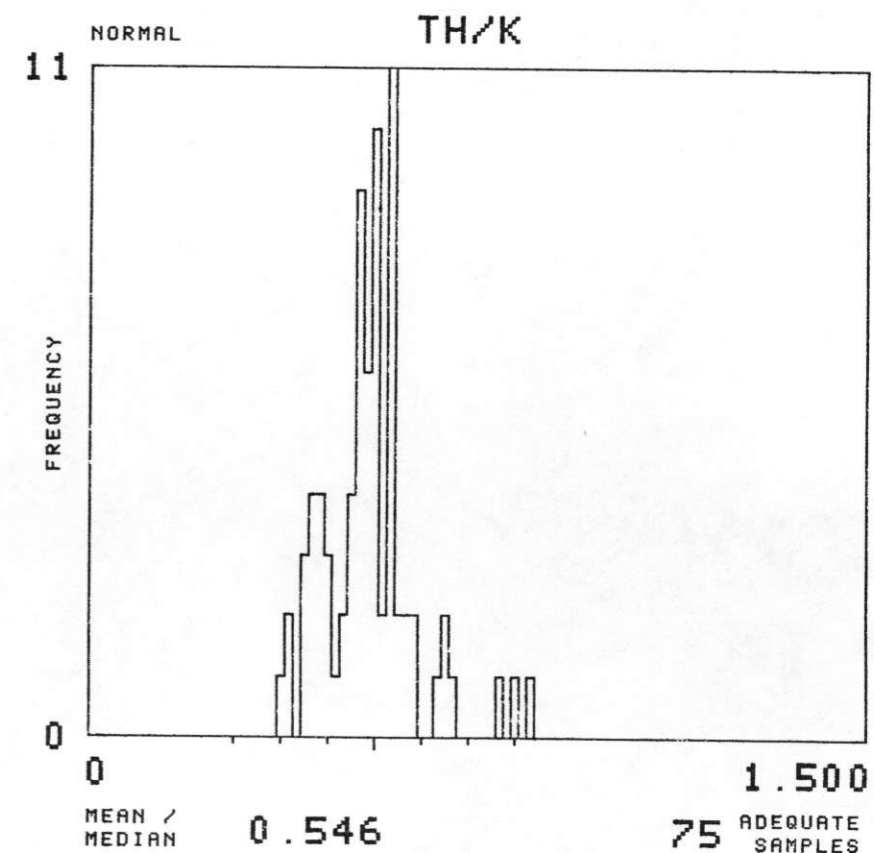
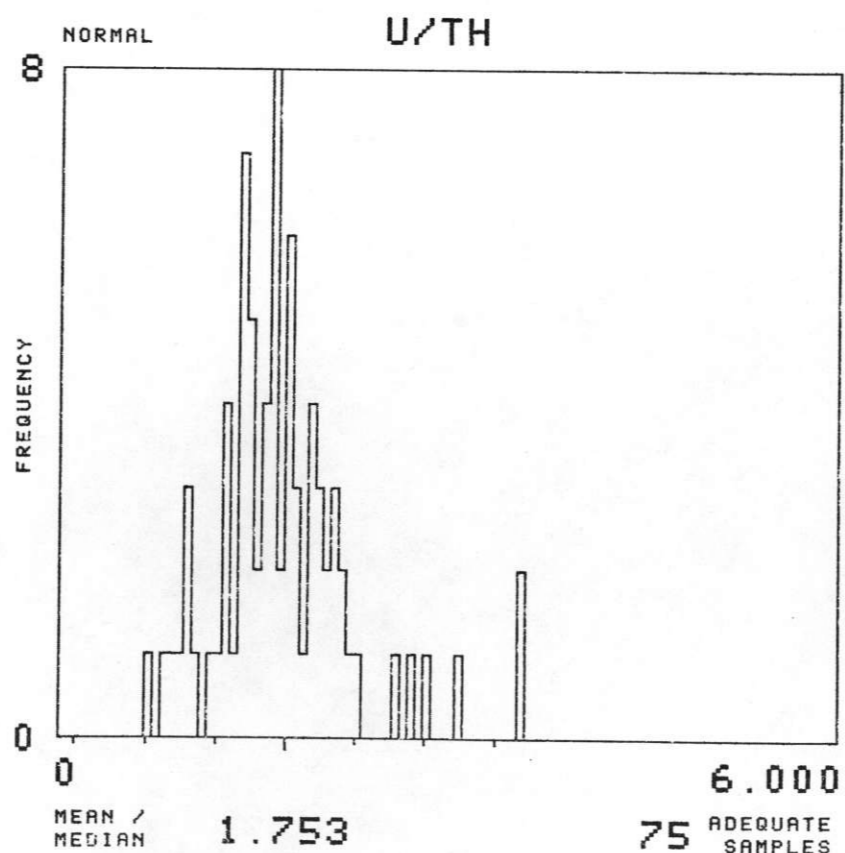
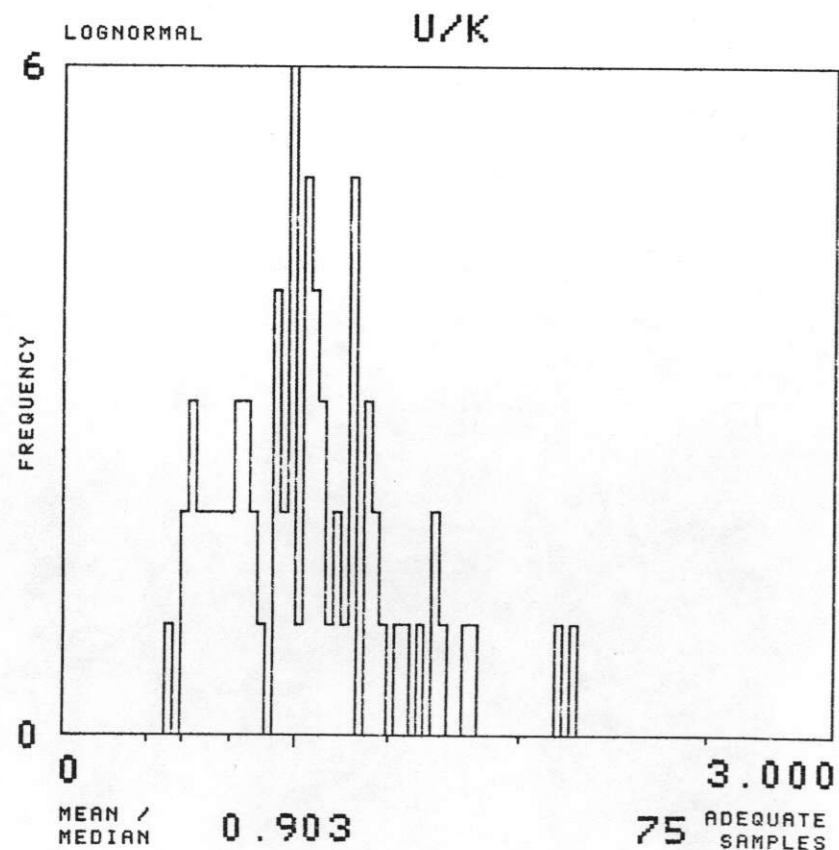
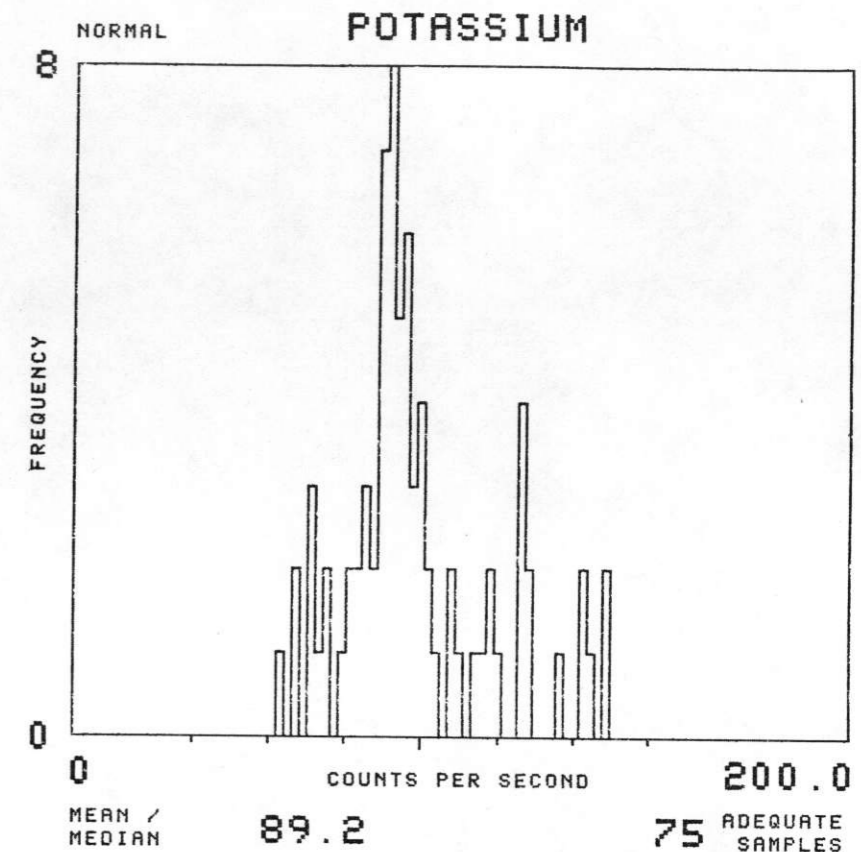
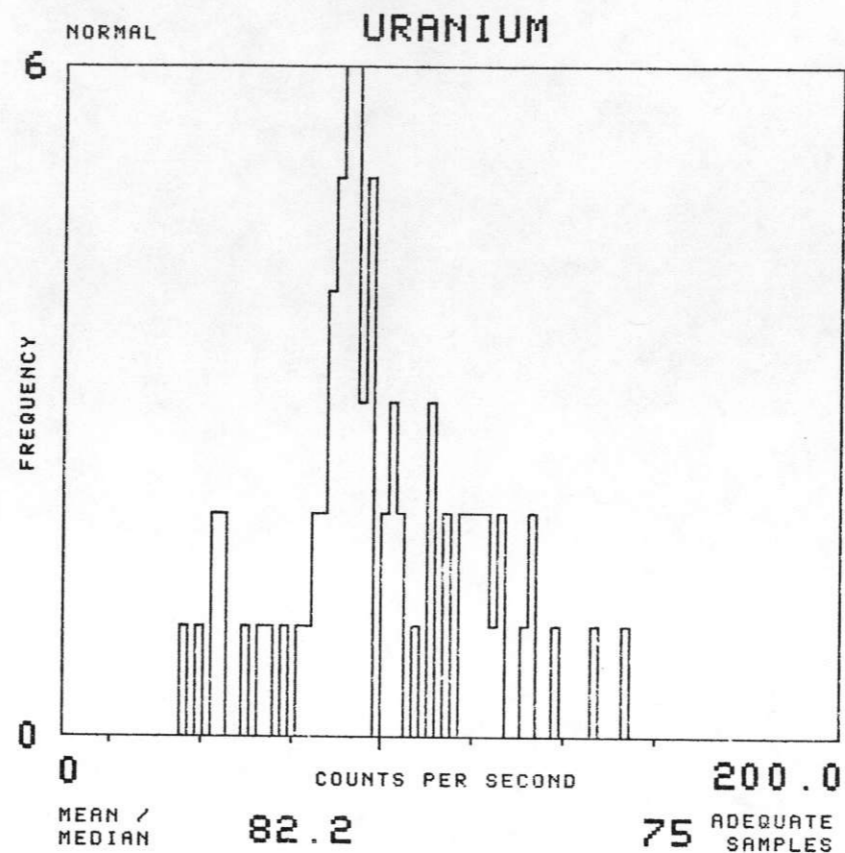
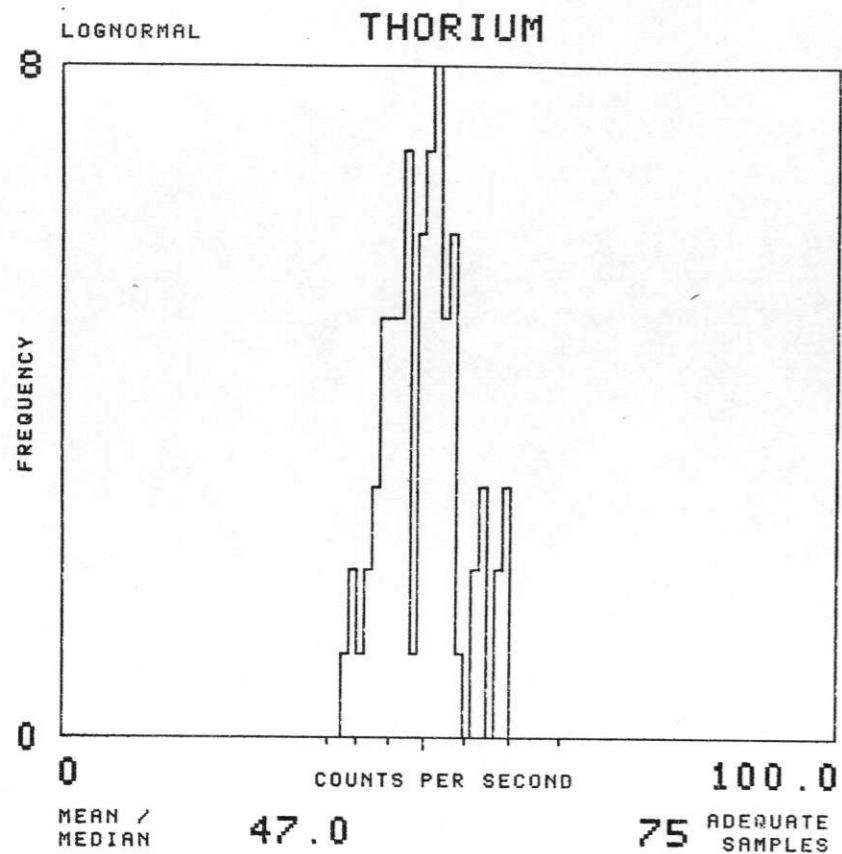


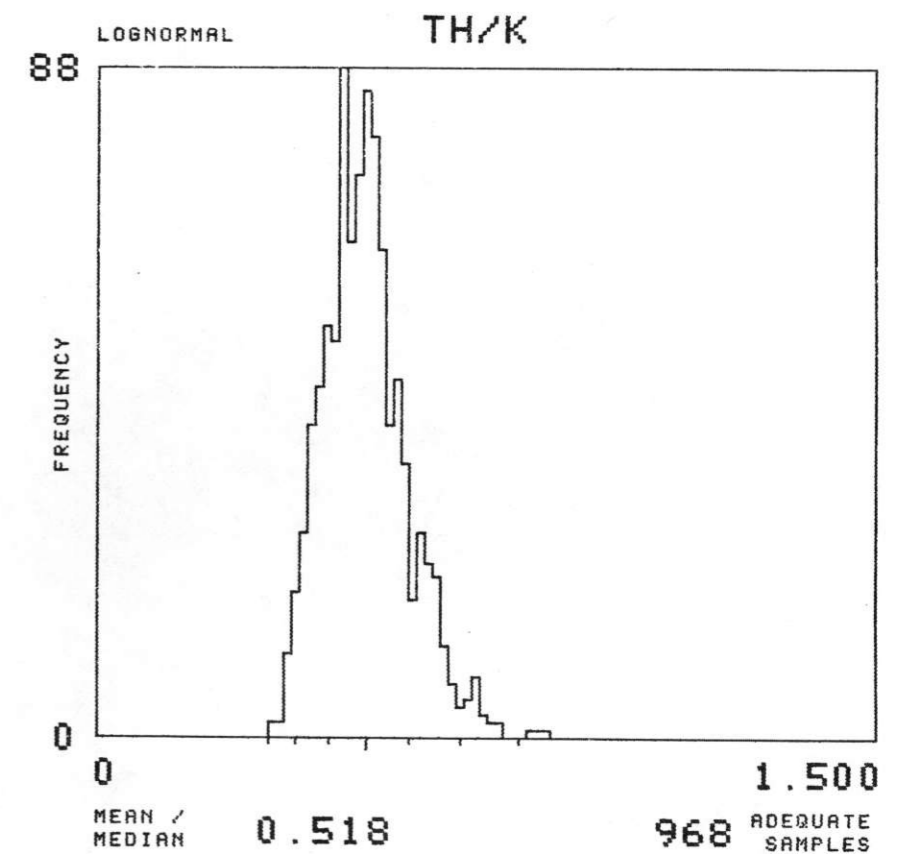
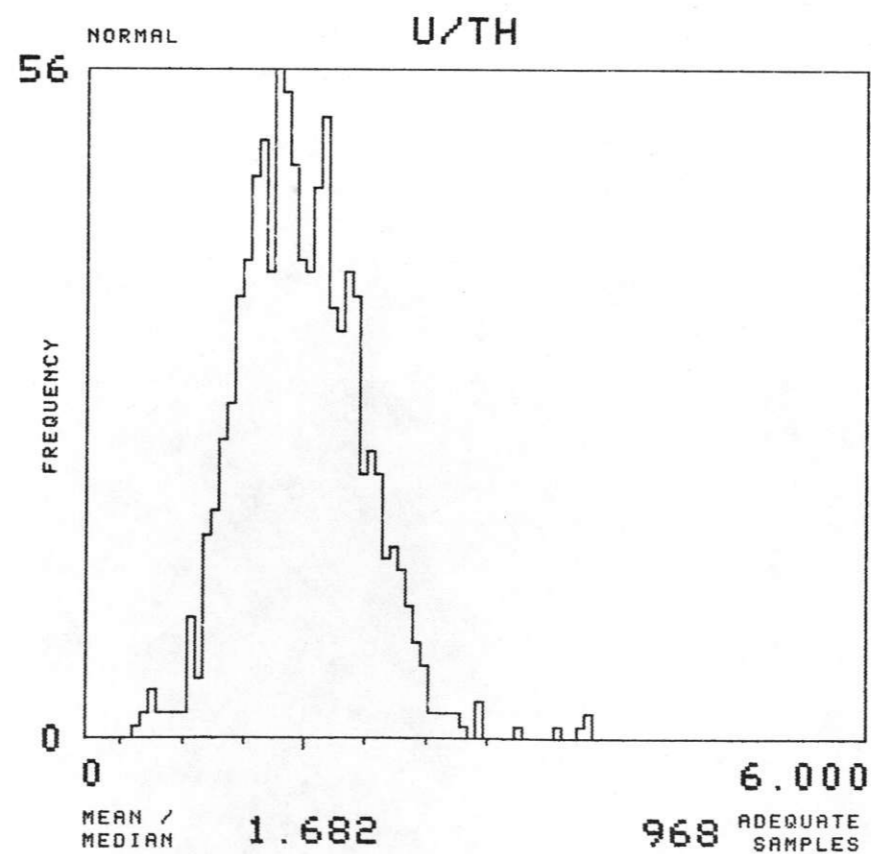
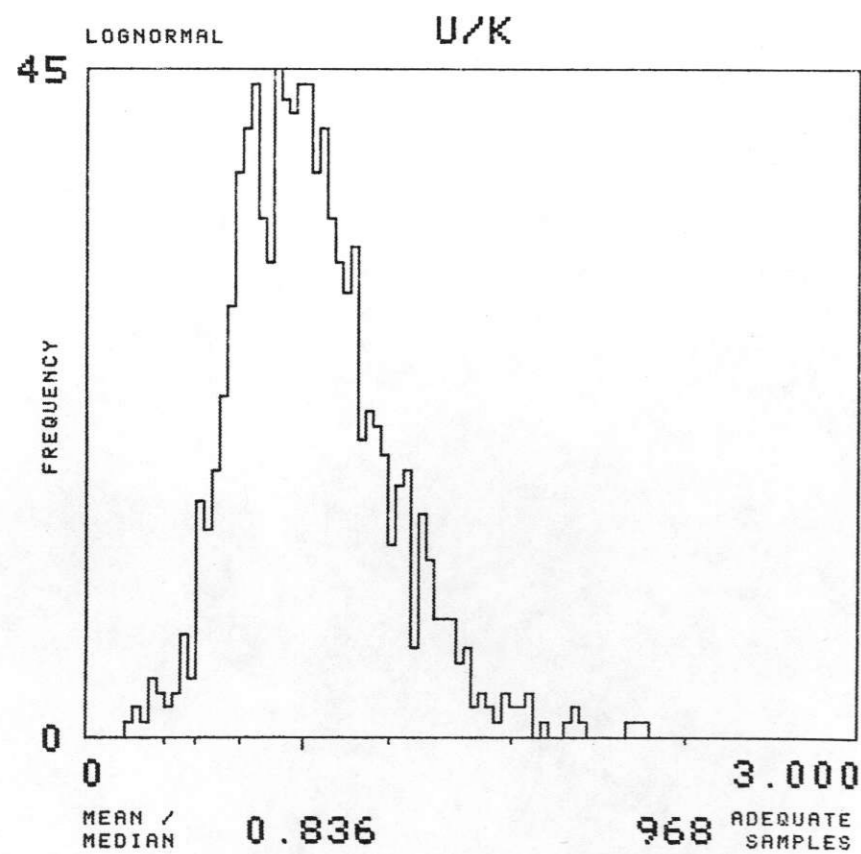
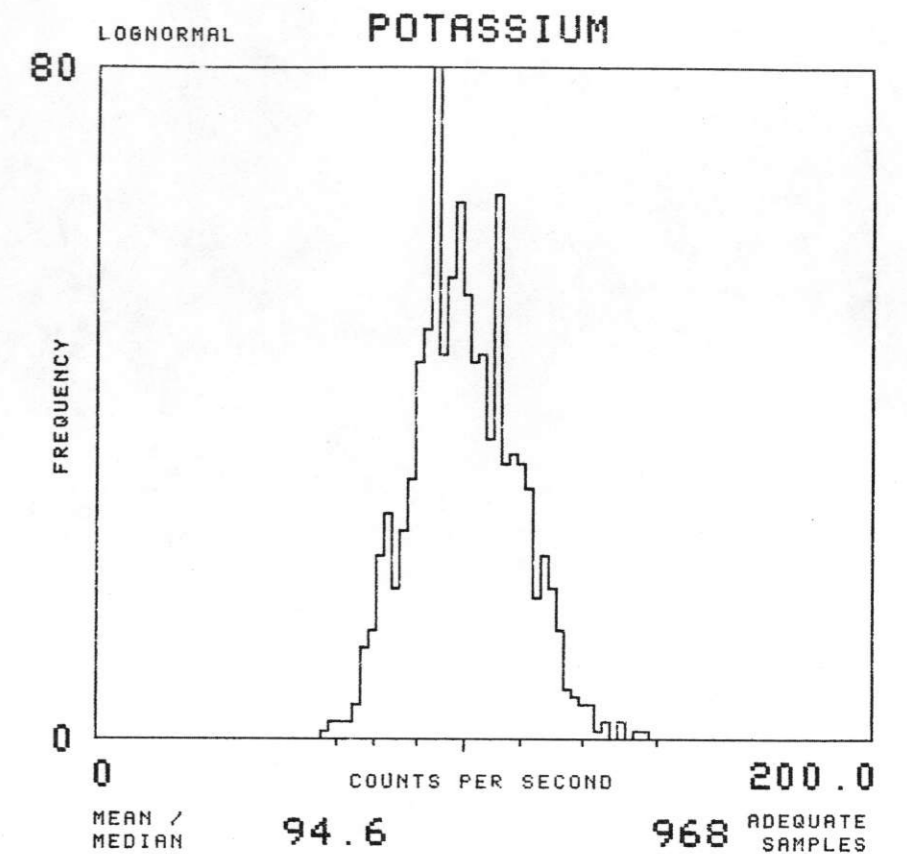
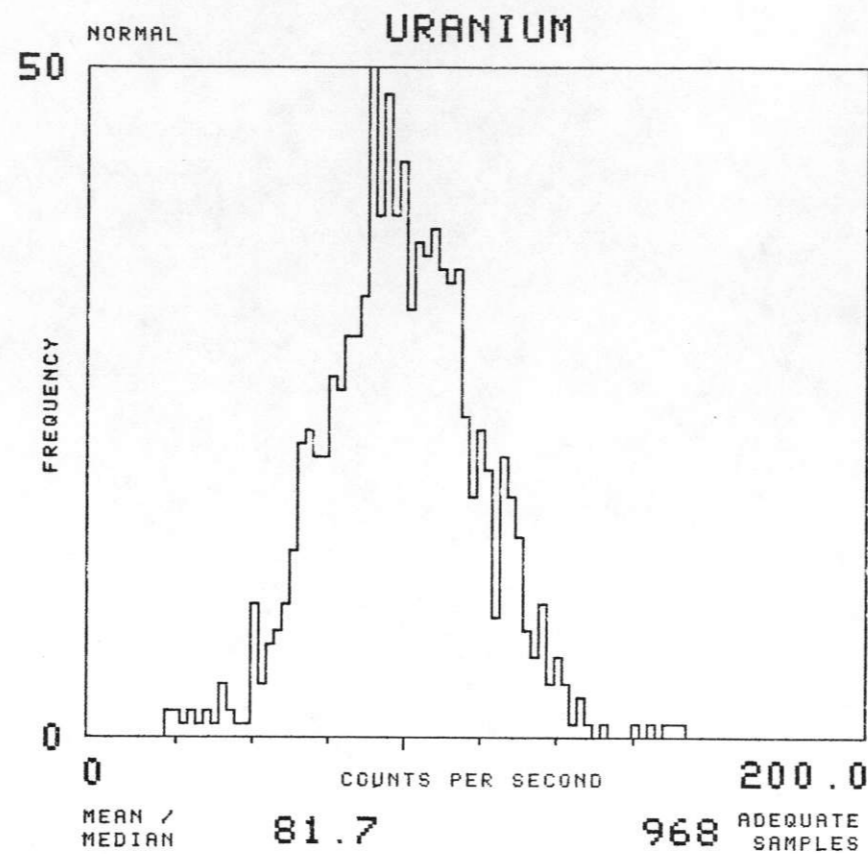
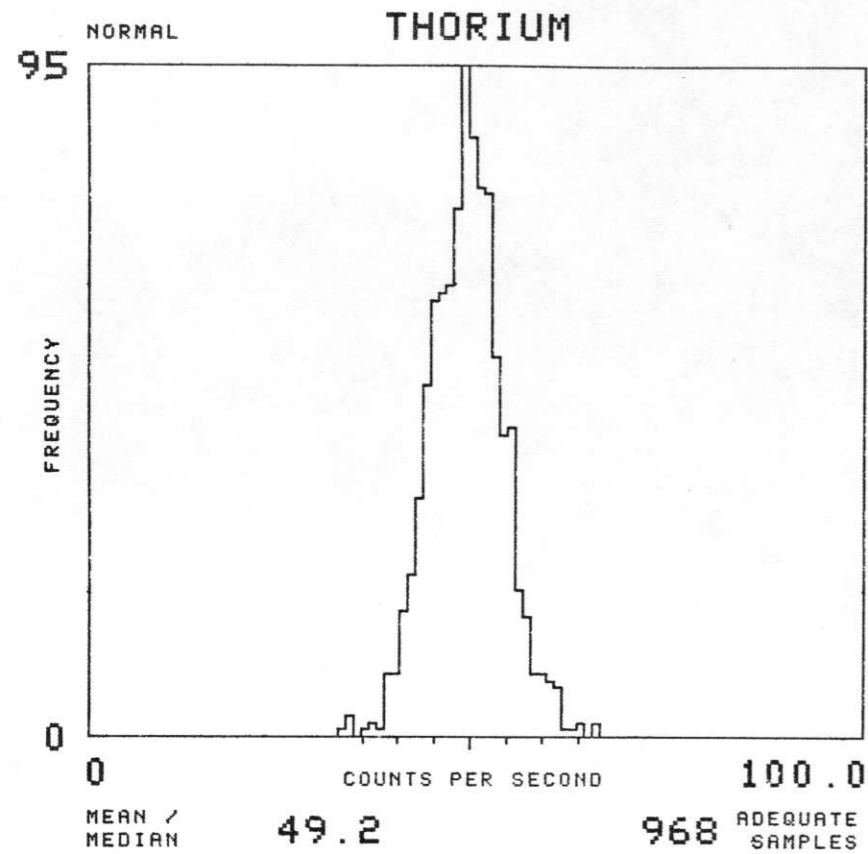








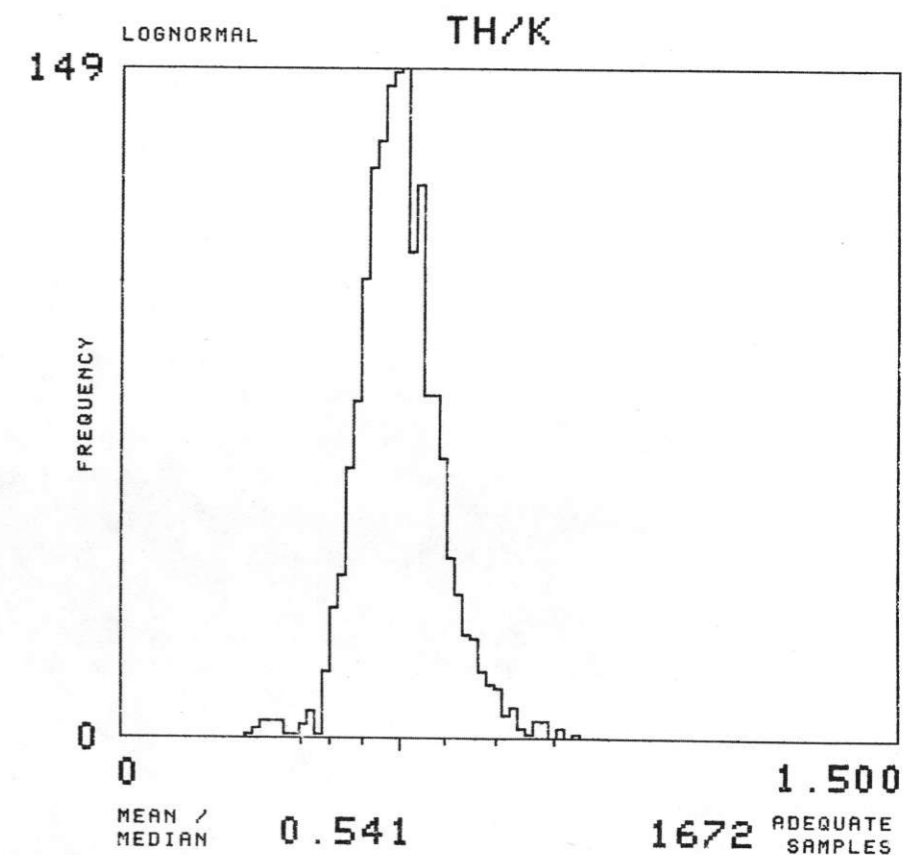
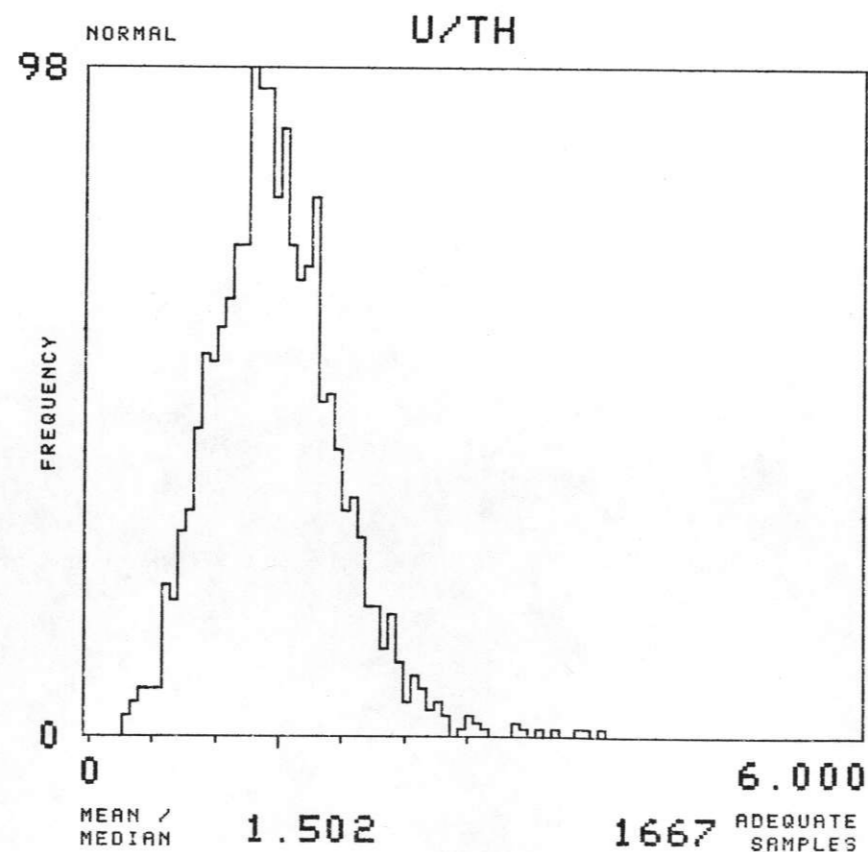
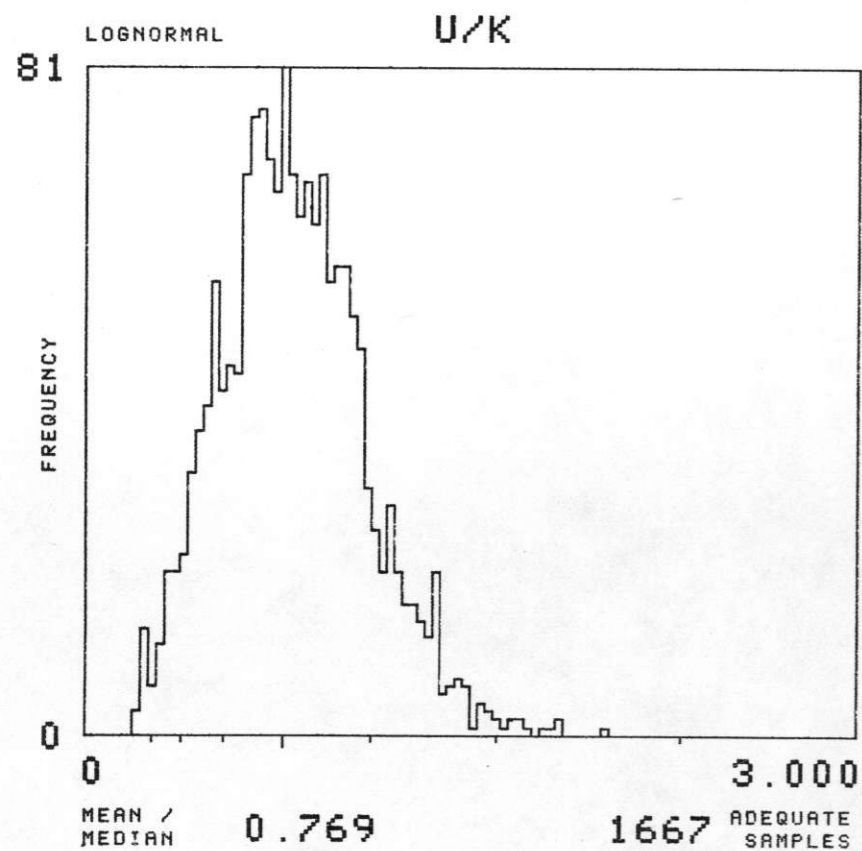
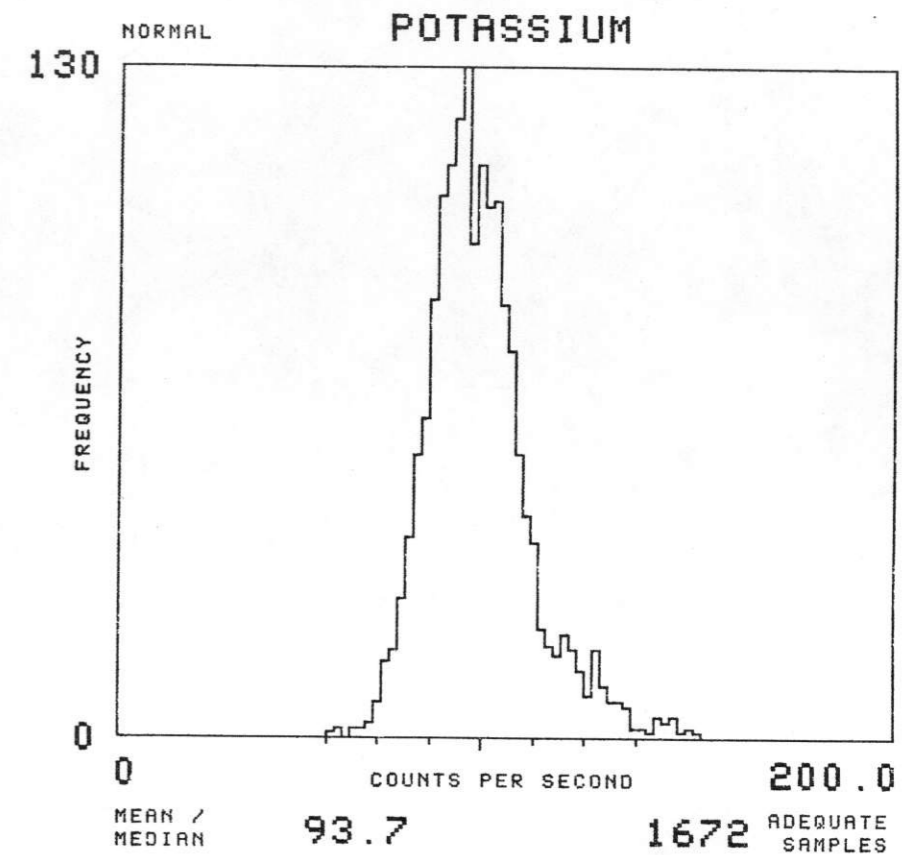
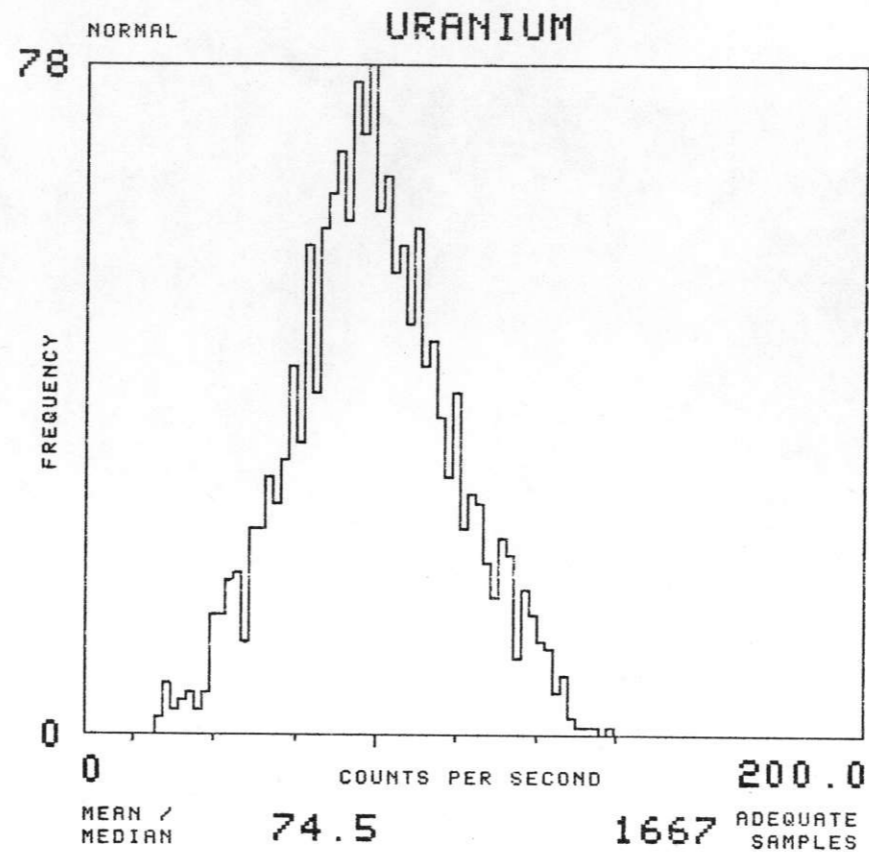
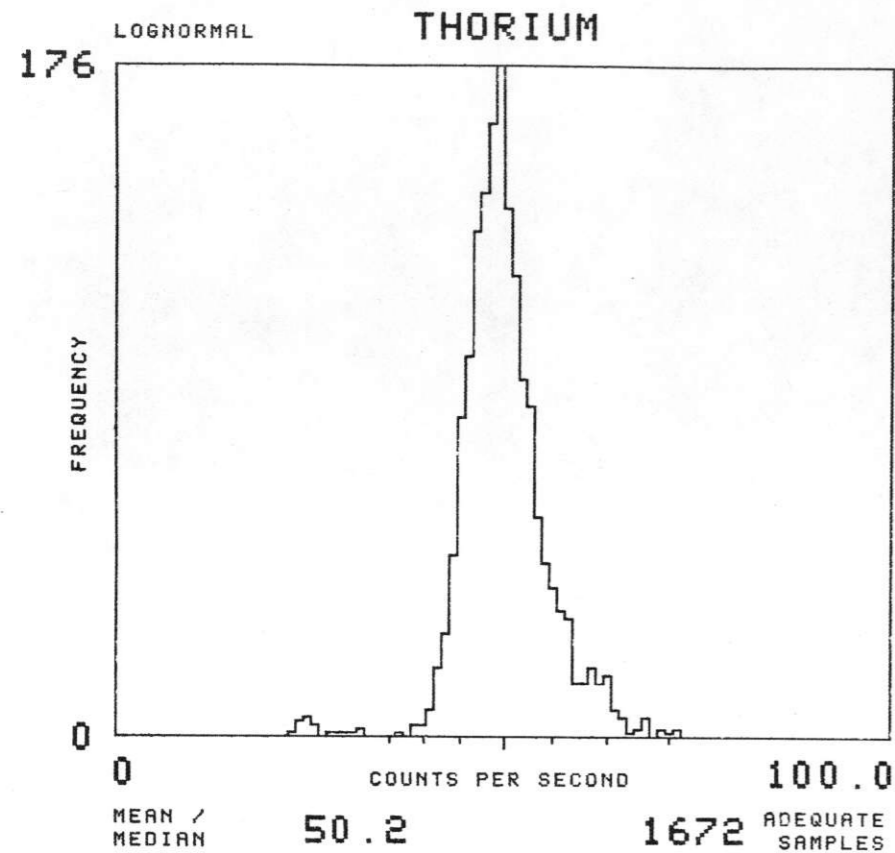


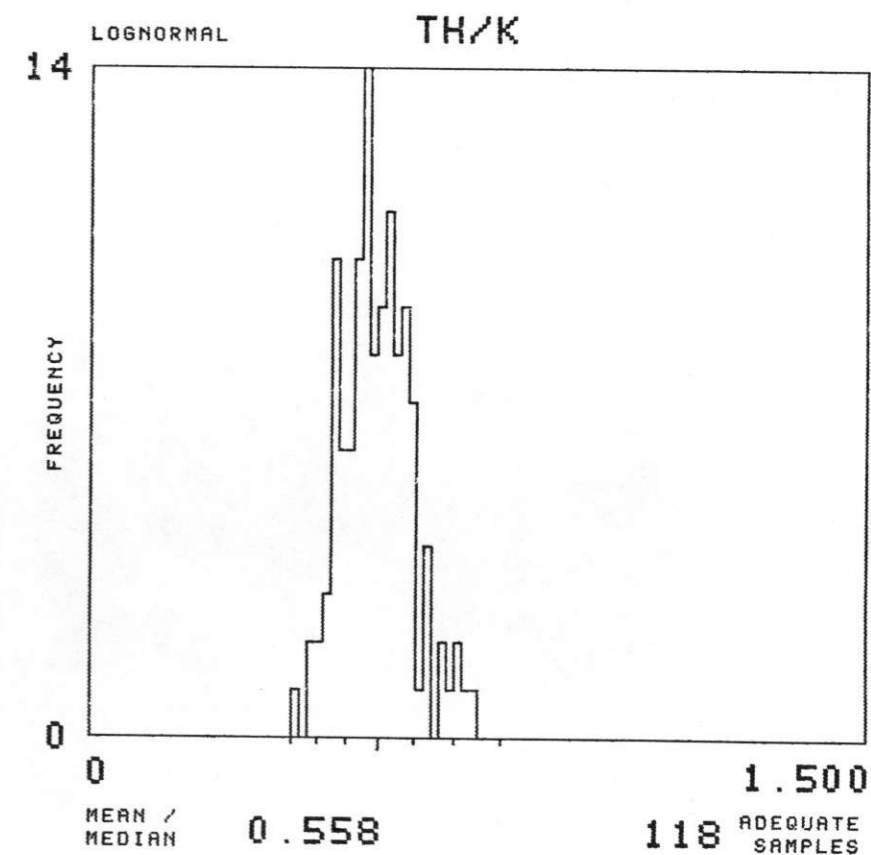
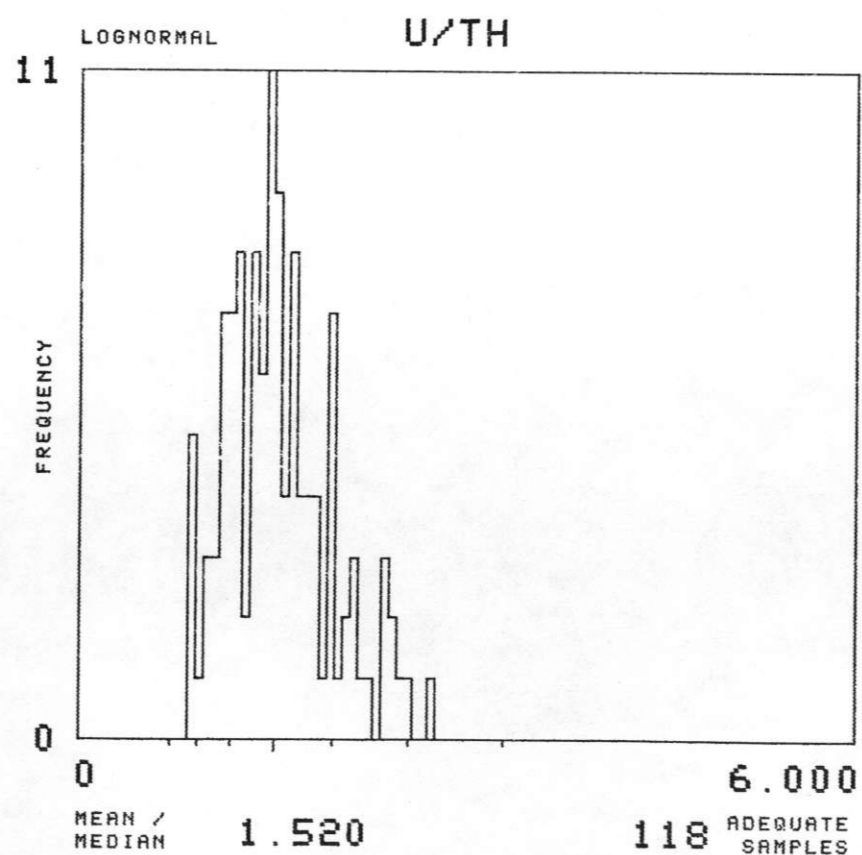
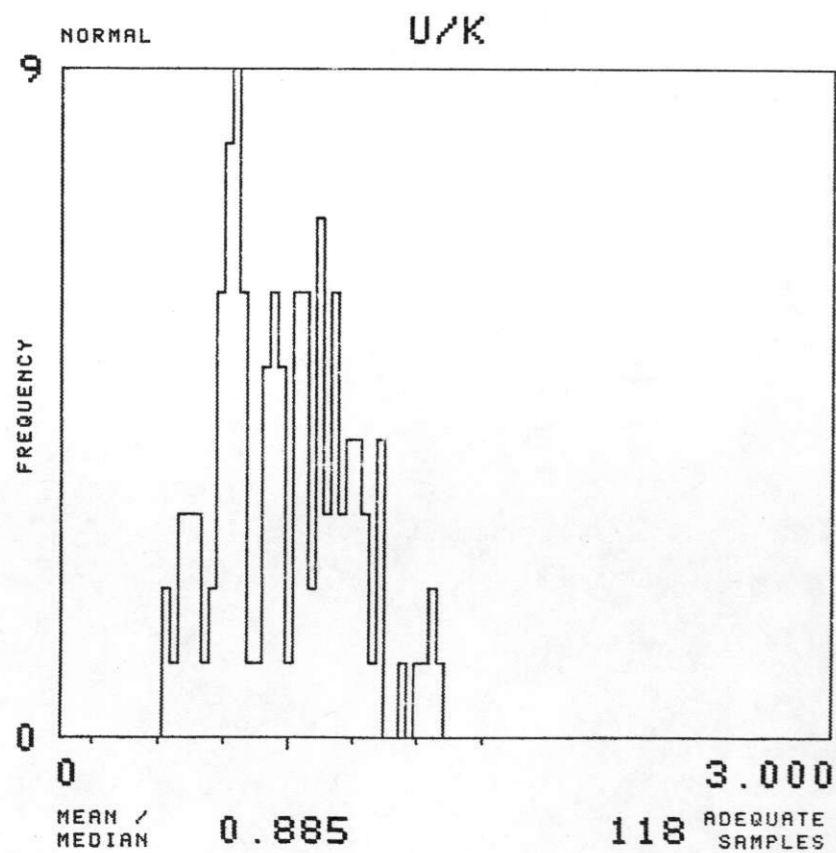
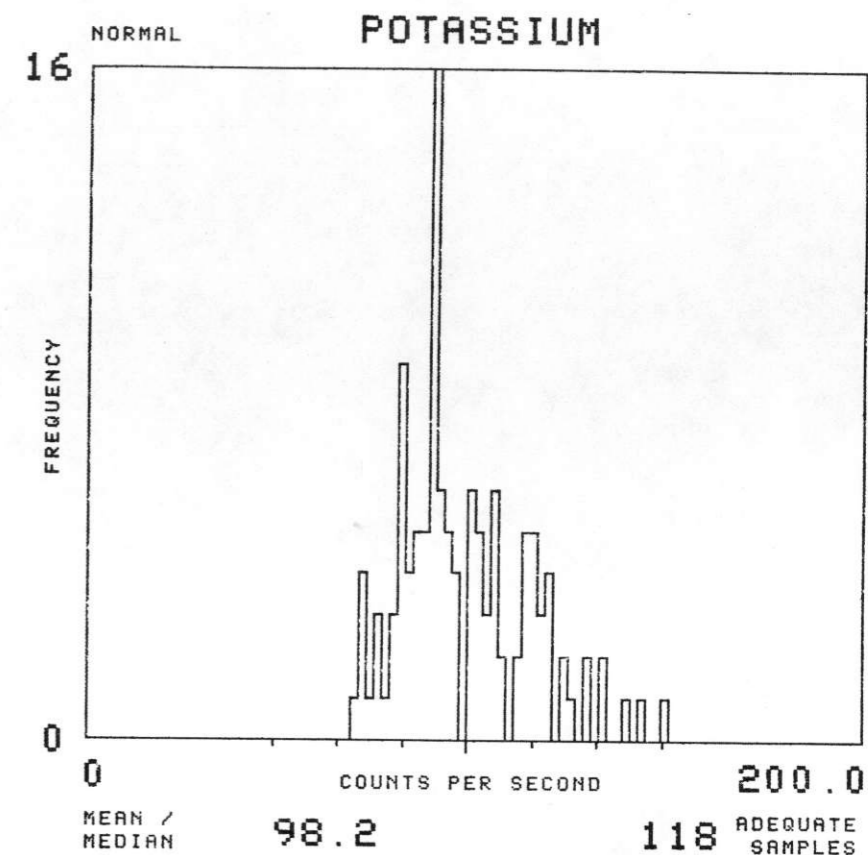
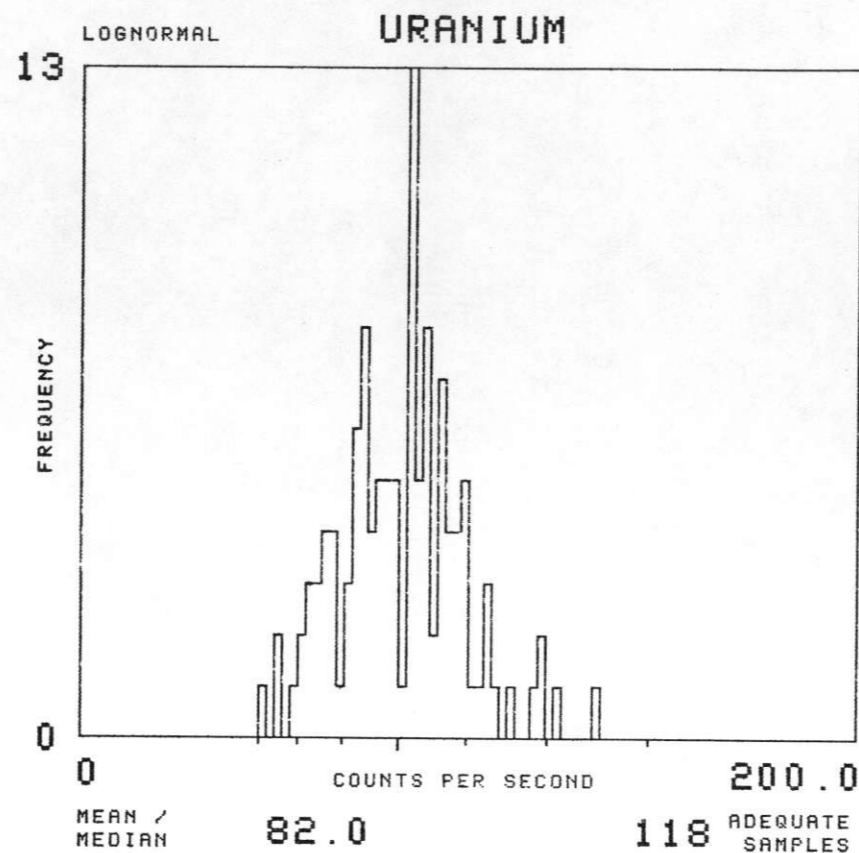
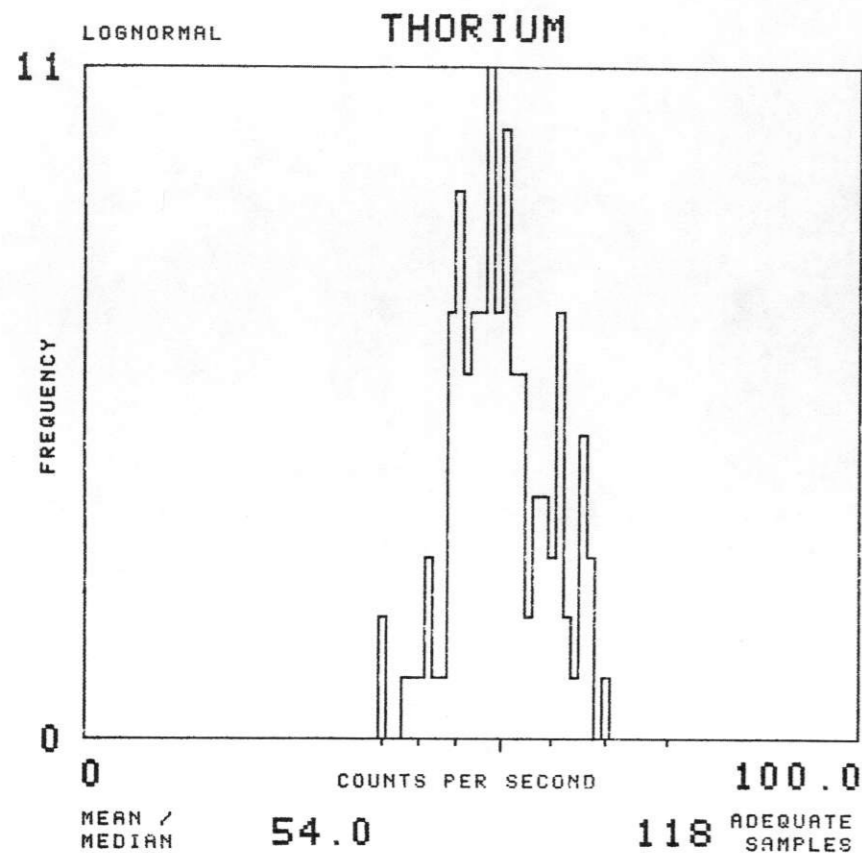


NTMS NK 14-9 FREMONT

SOIL GROUP : HFBT TOTAL NUMBER OF SAMPLES 1672

EAST SALINA BASIN - GEOMETRICS 1977

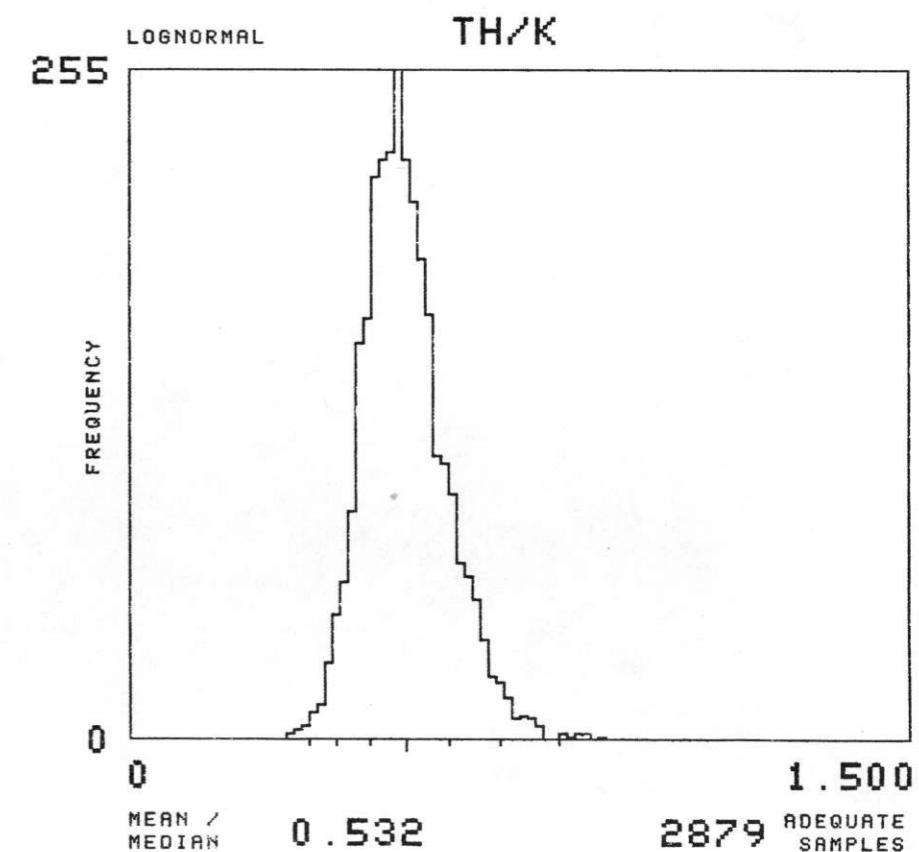
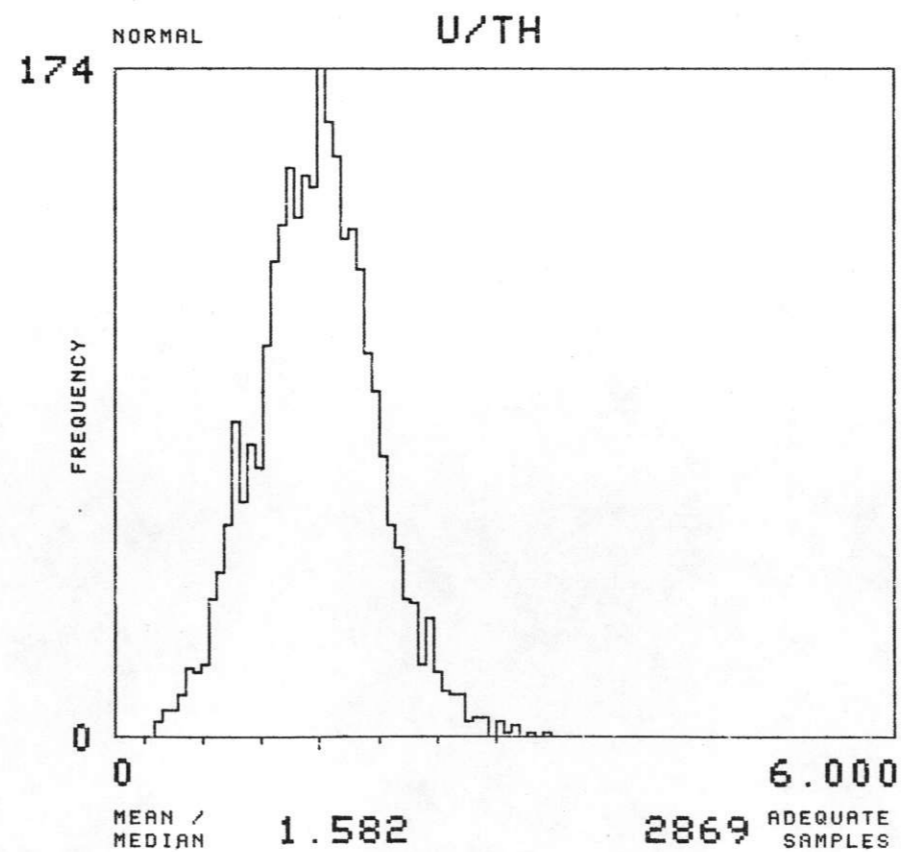
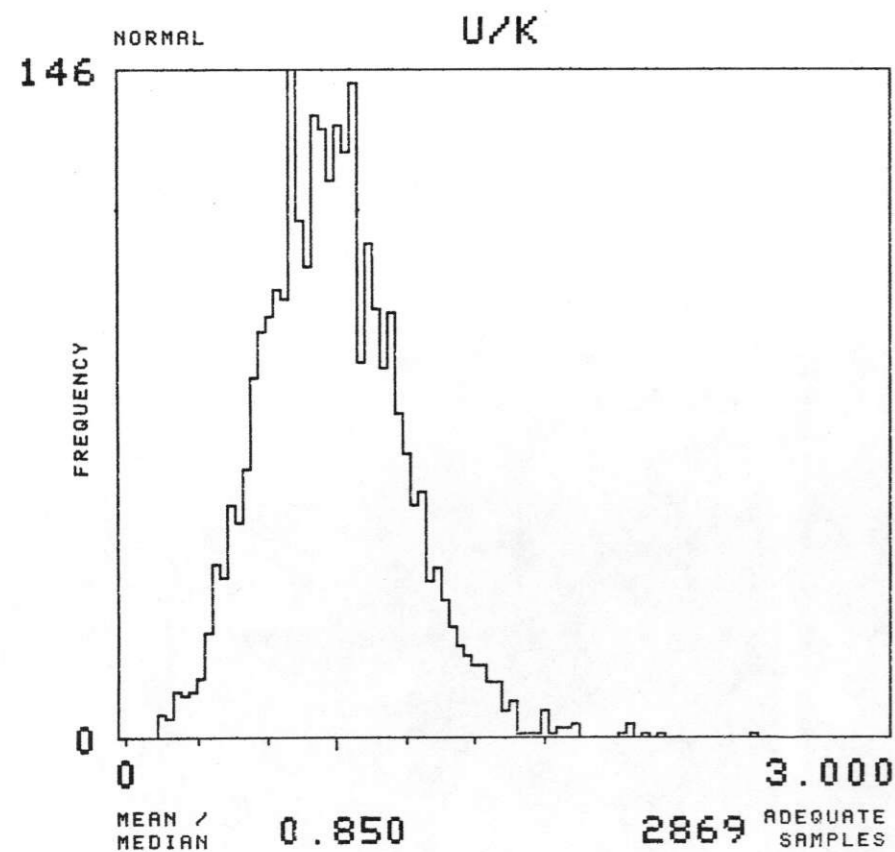
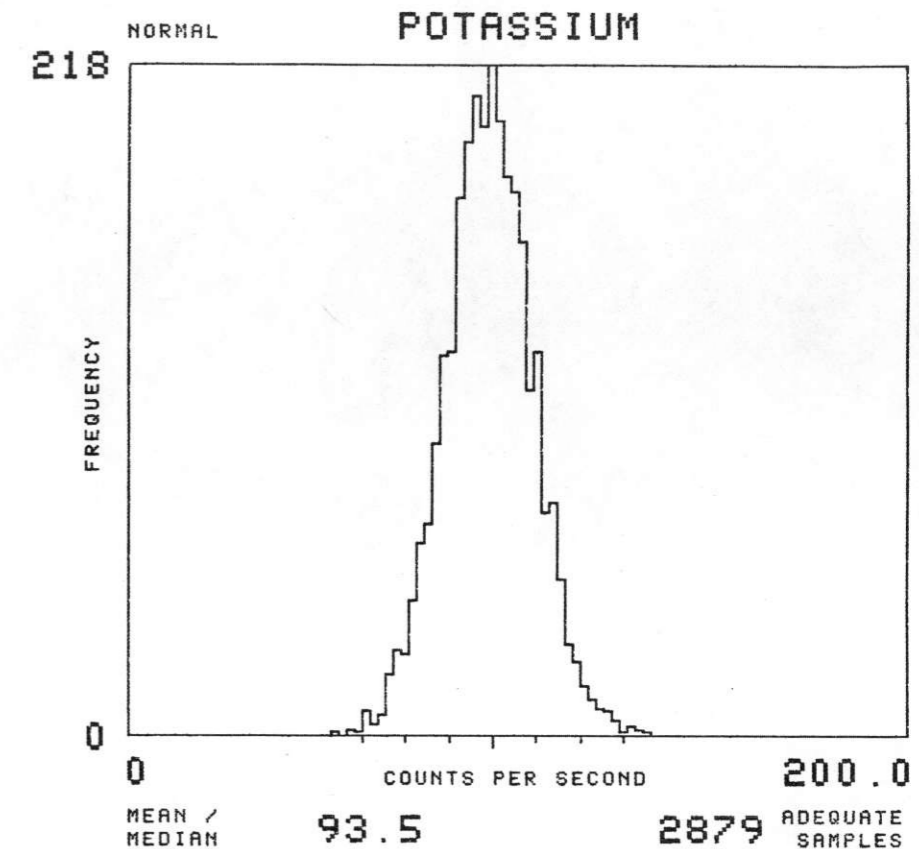
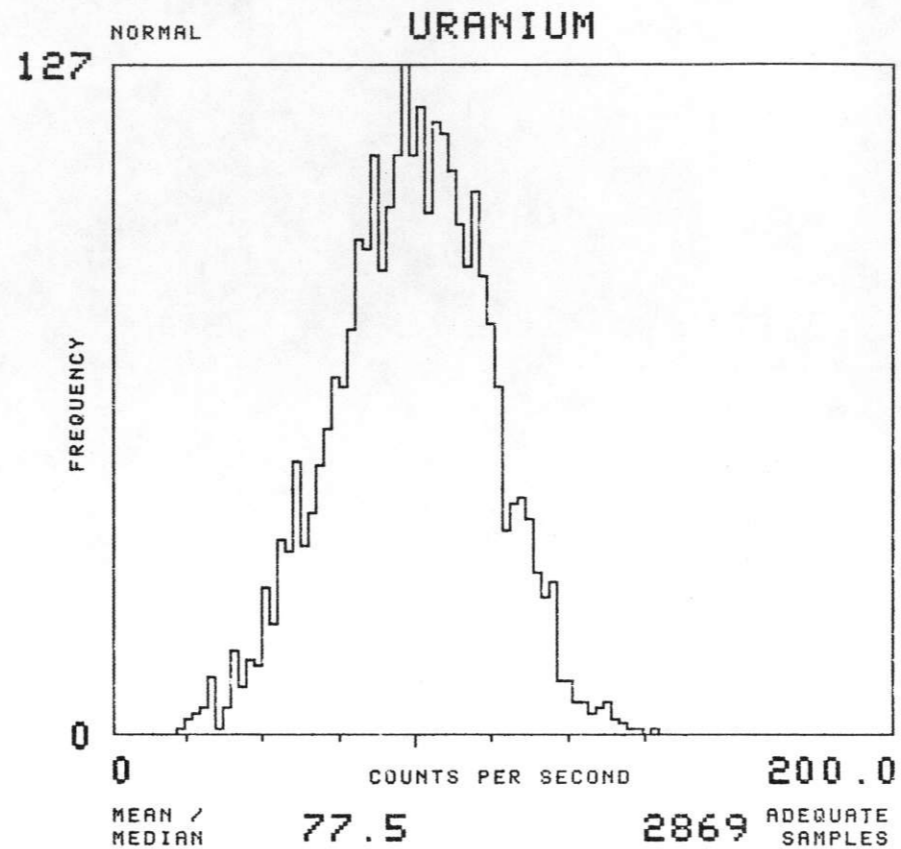
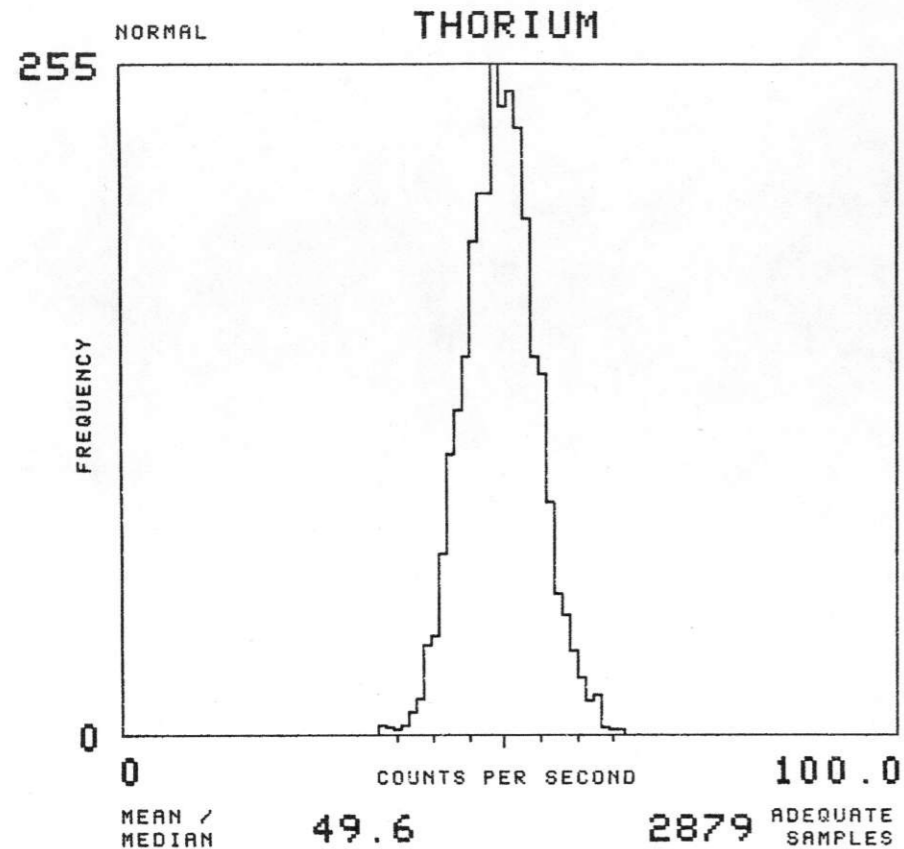




NTMS NK 14-9 FREMONT

SOIL GROUP : HHD TOTAL NUMBER OF SAMPLES 2879

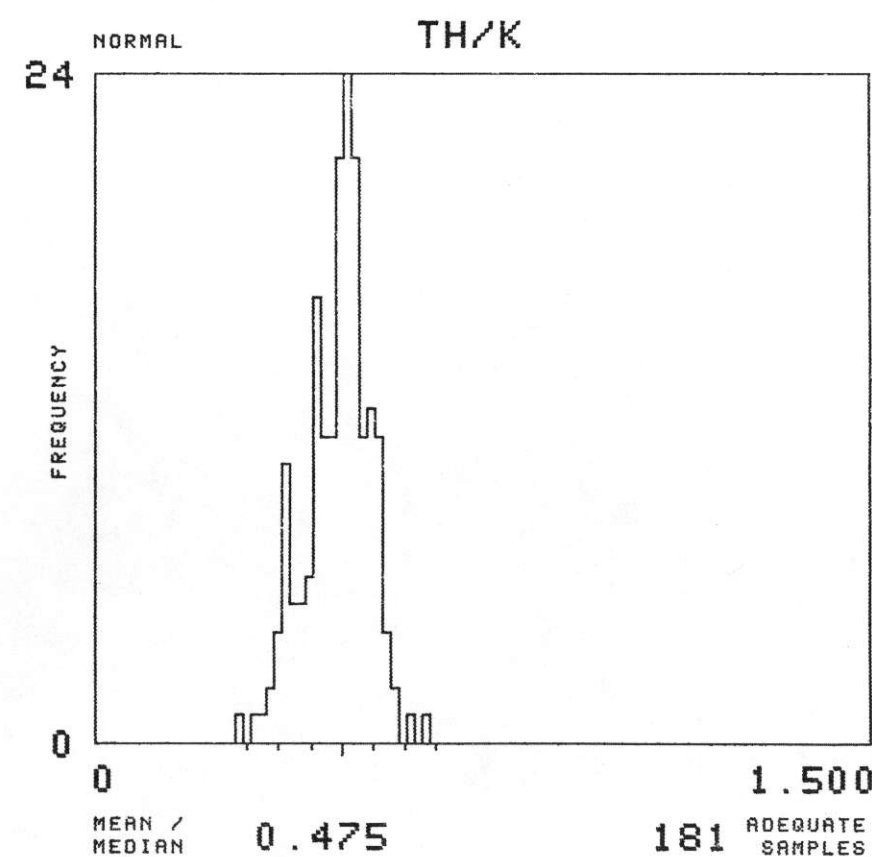
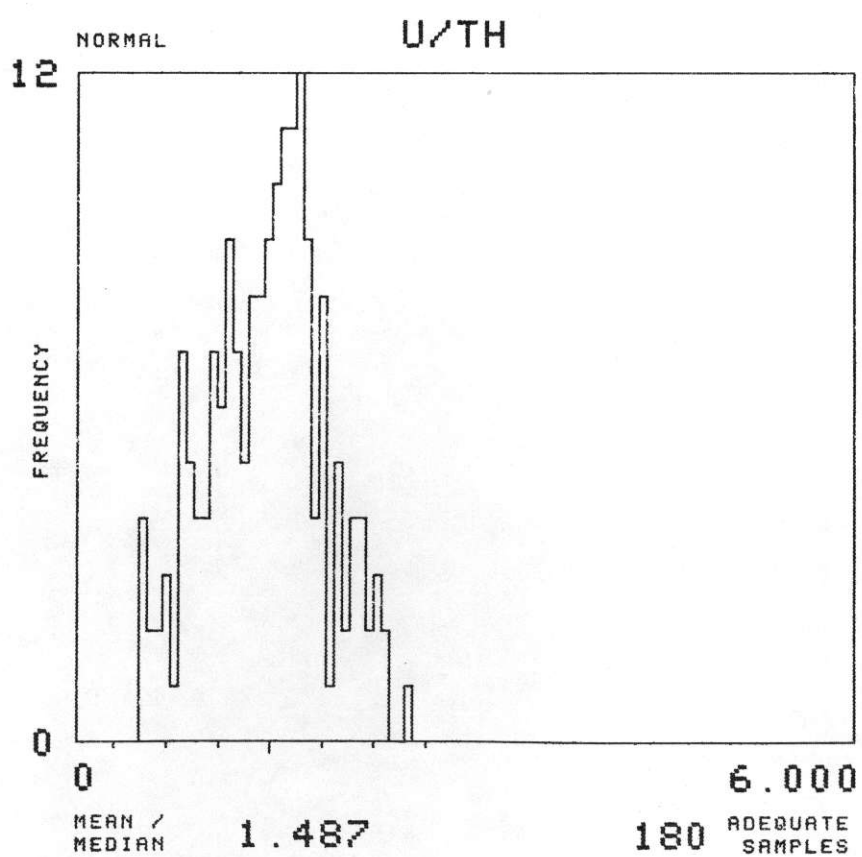
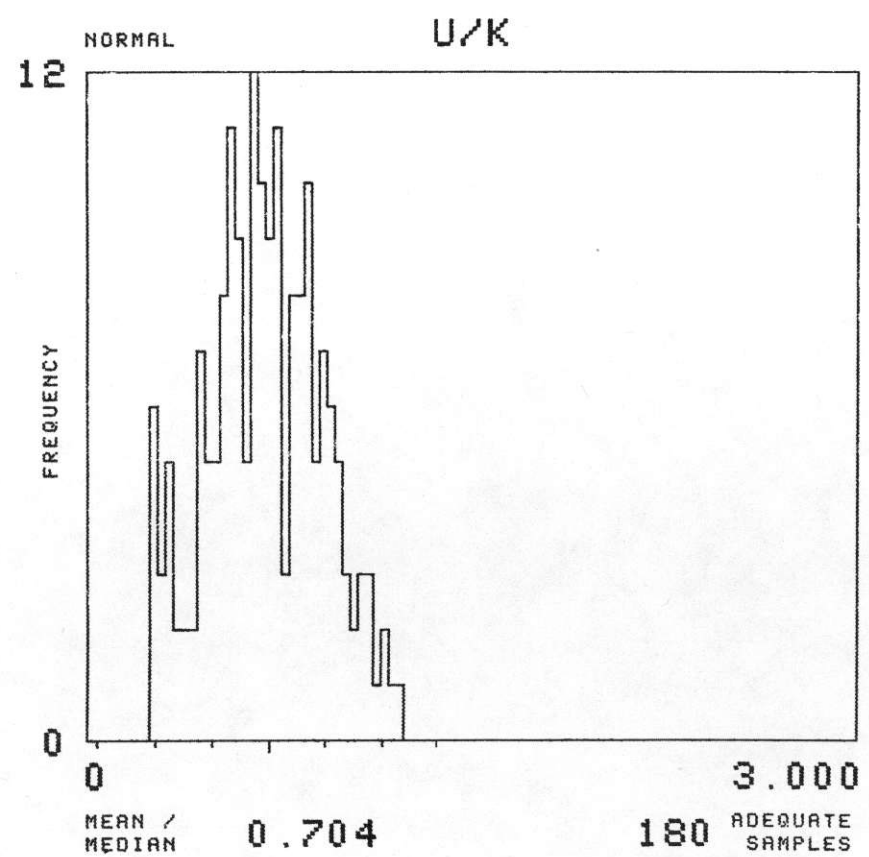
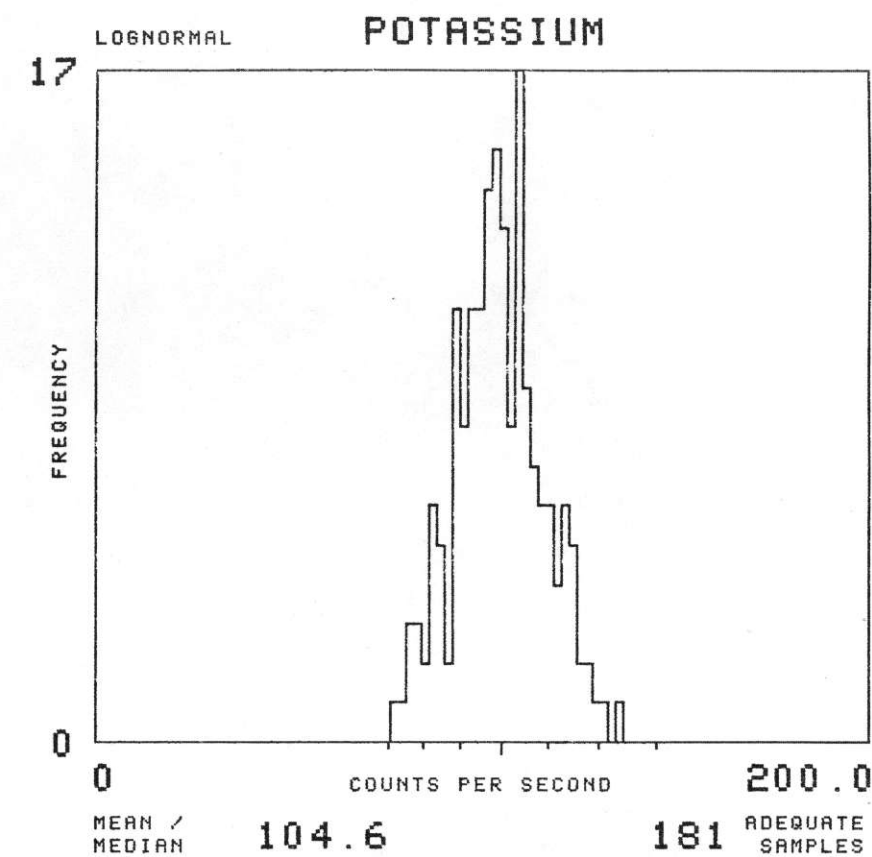
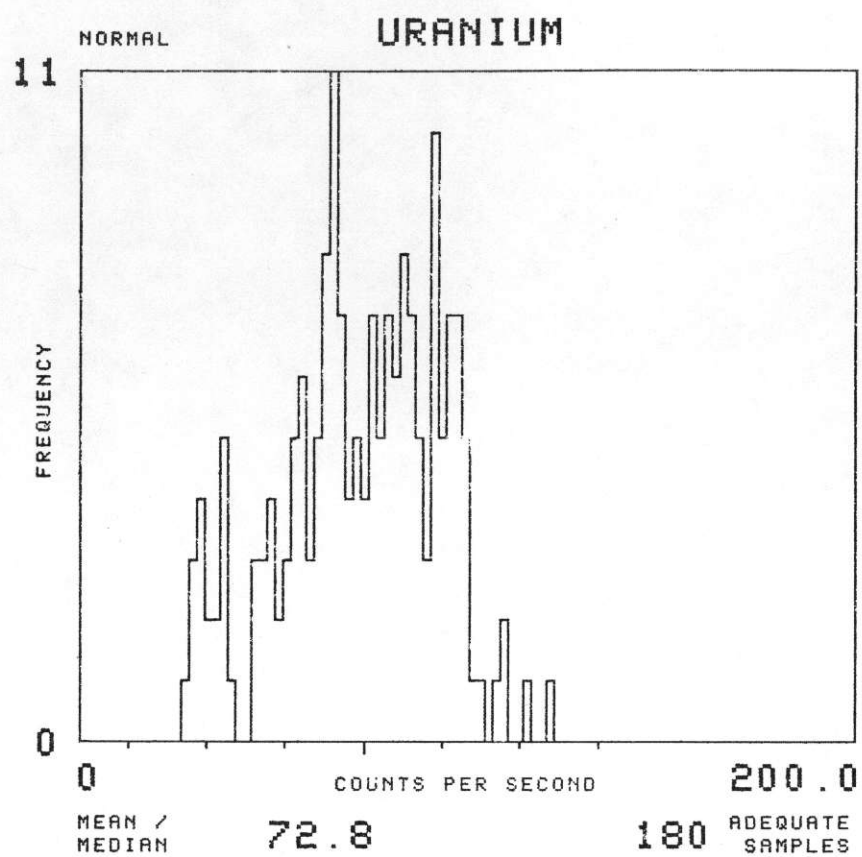
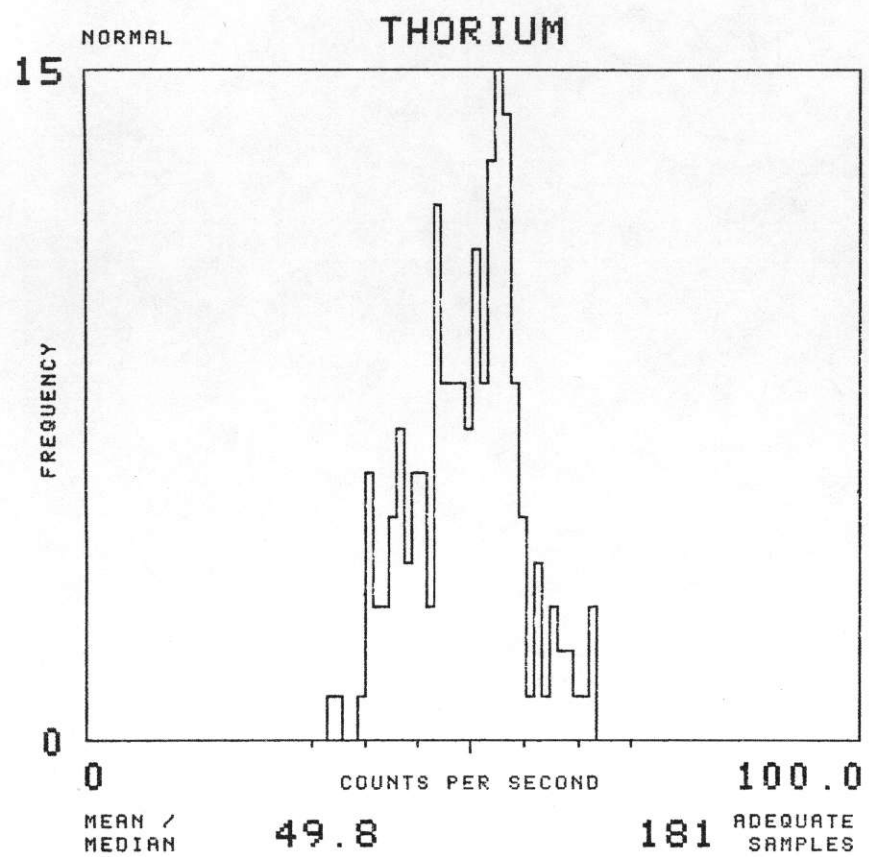
EAST SALINA BASIN - GEOMETRICS 1977



NTMS NK 14-9 FREMONT

SOIL GROUP : HLHD TOTAL NUMBER OF SAMPLES 181

EAST SALINA BASIN - GEOMETRICS 1977

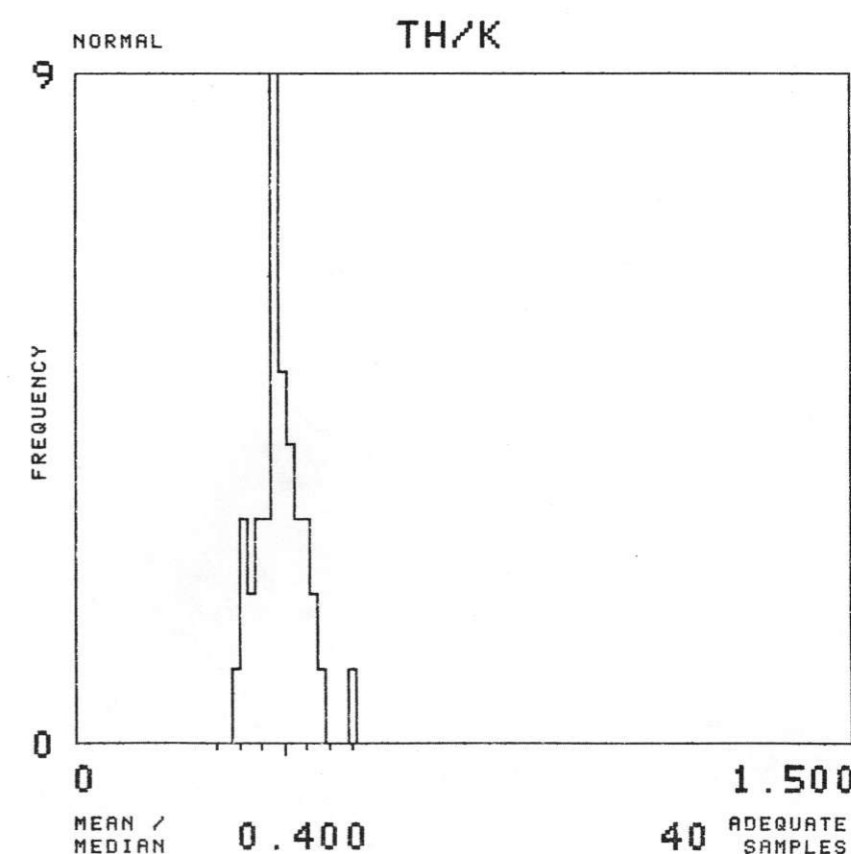
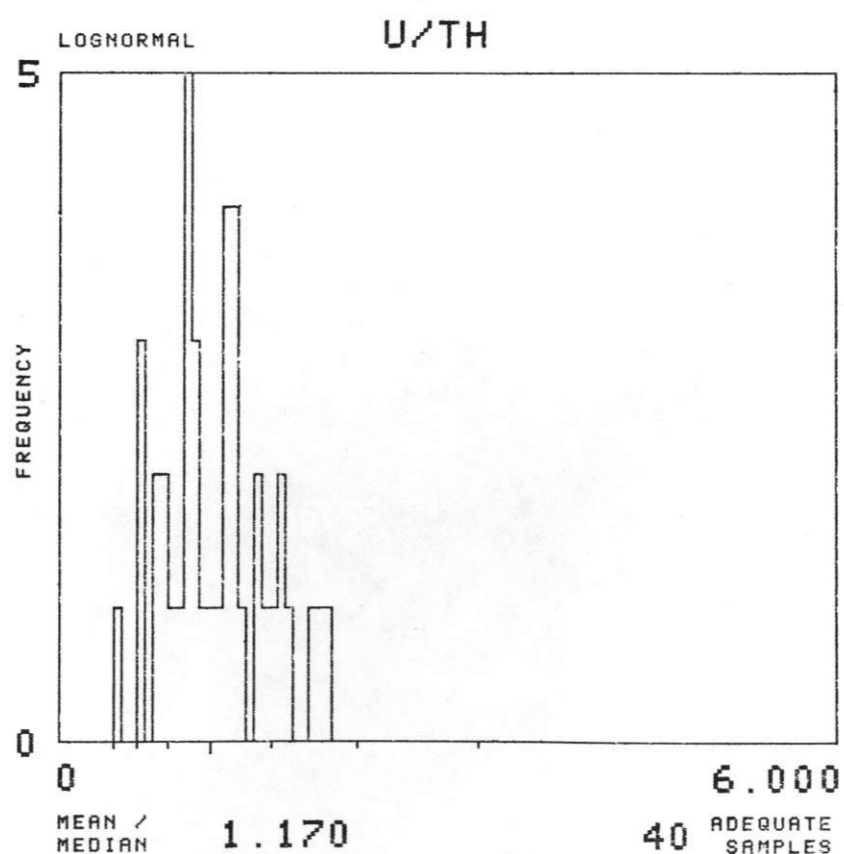
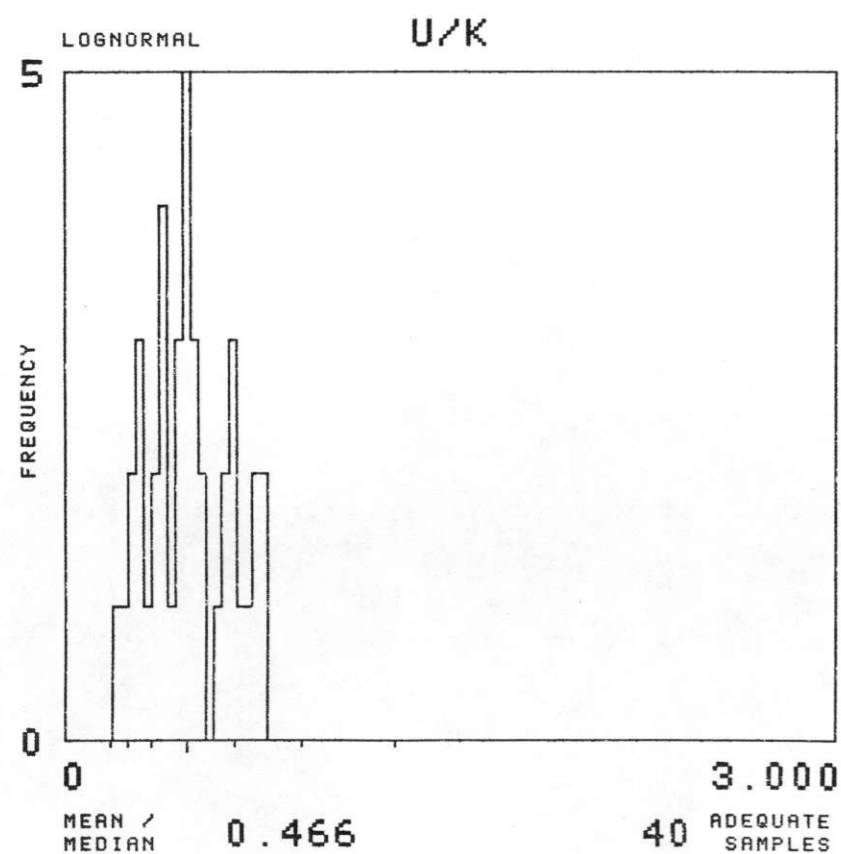
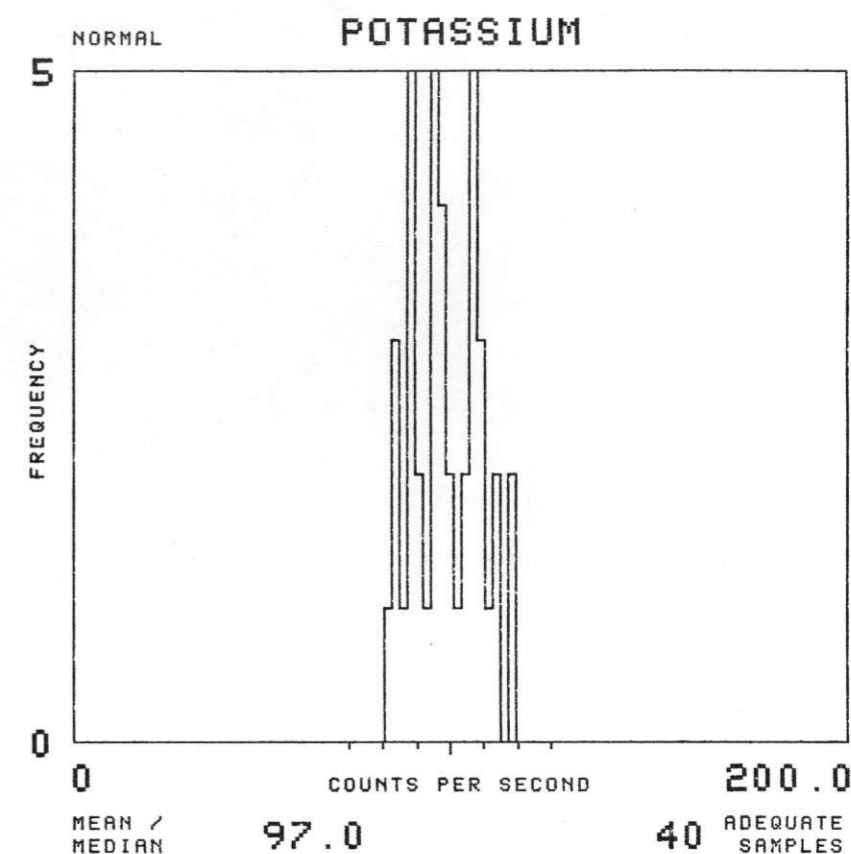
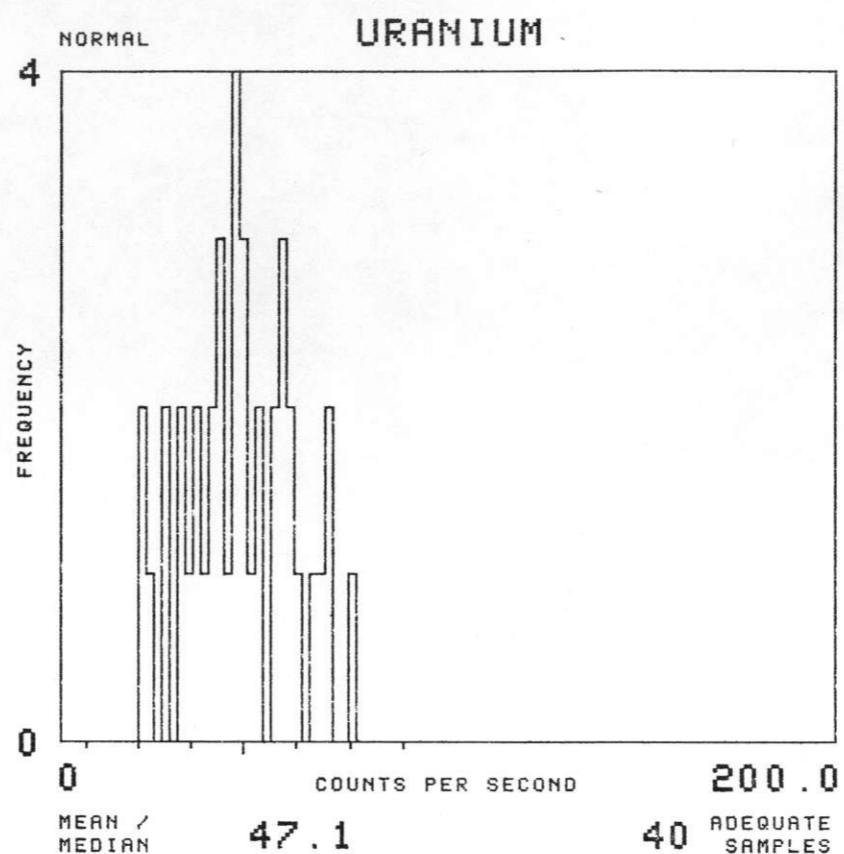
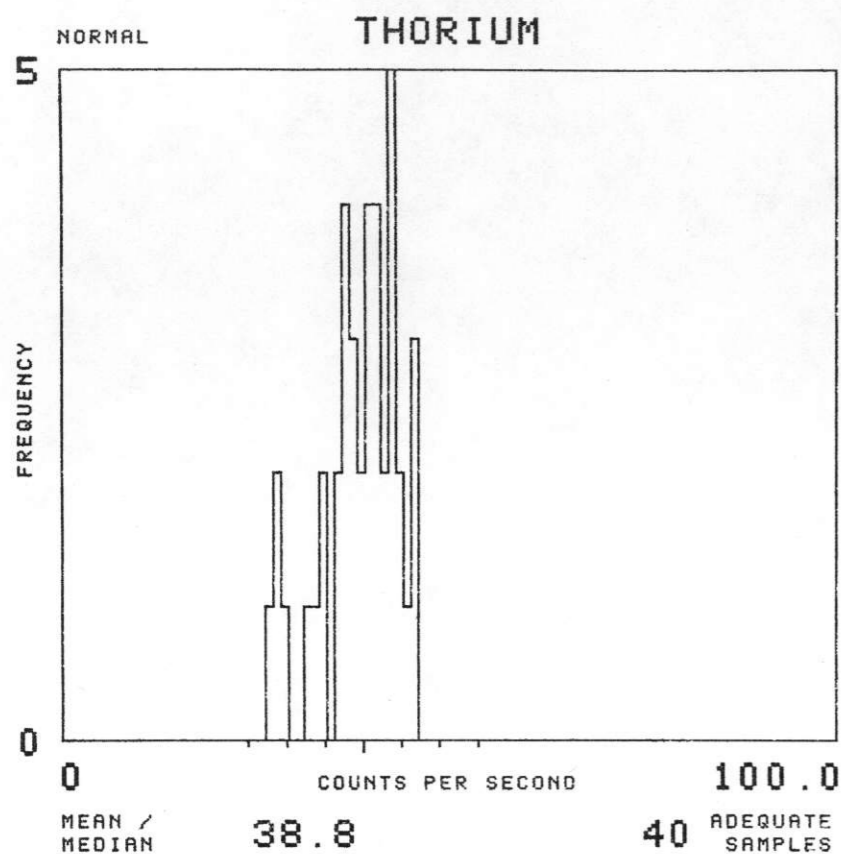


NTMS NK 14-9 FREMONT

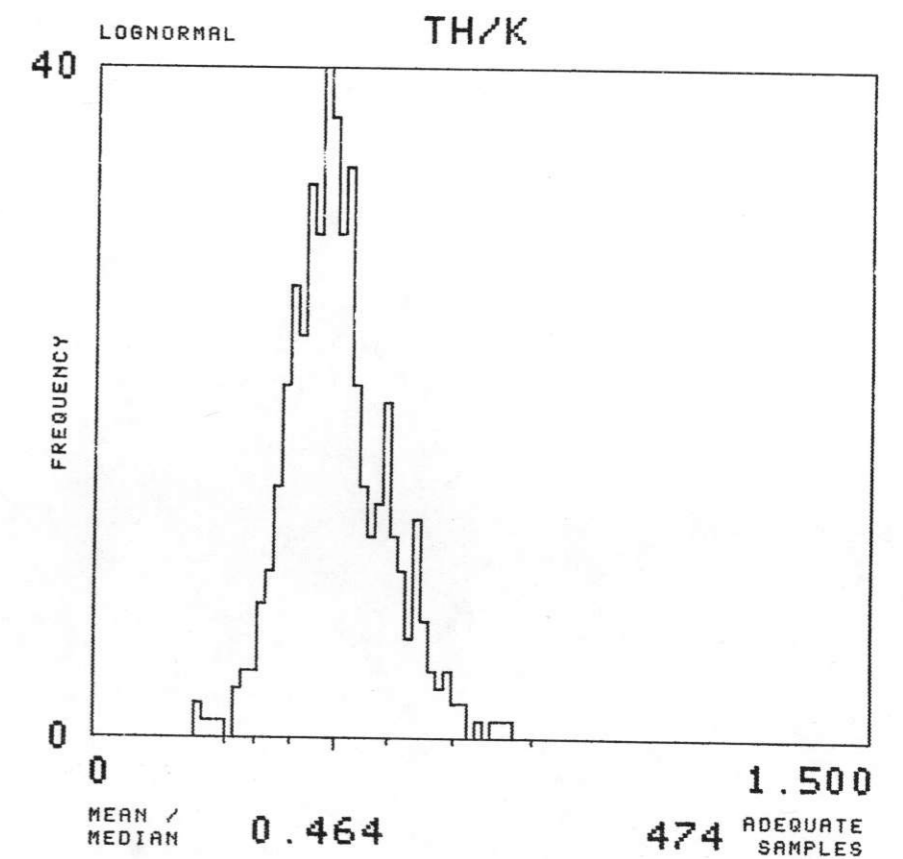
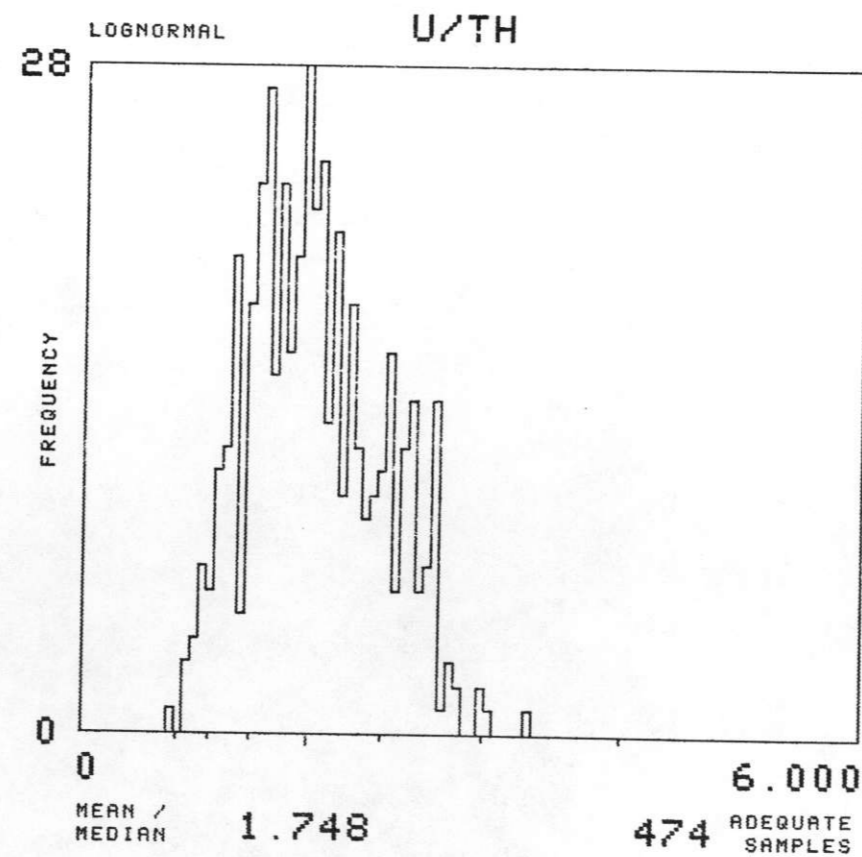
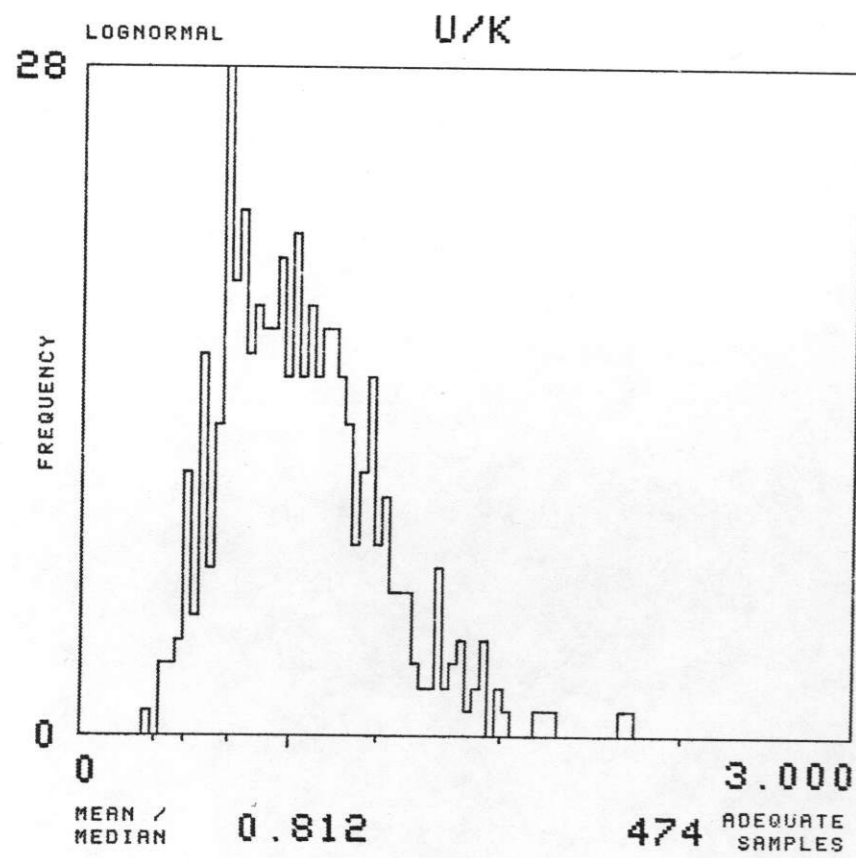
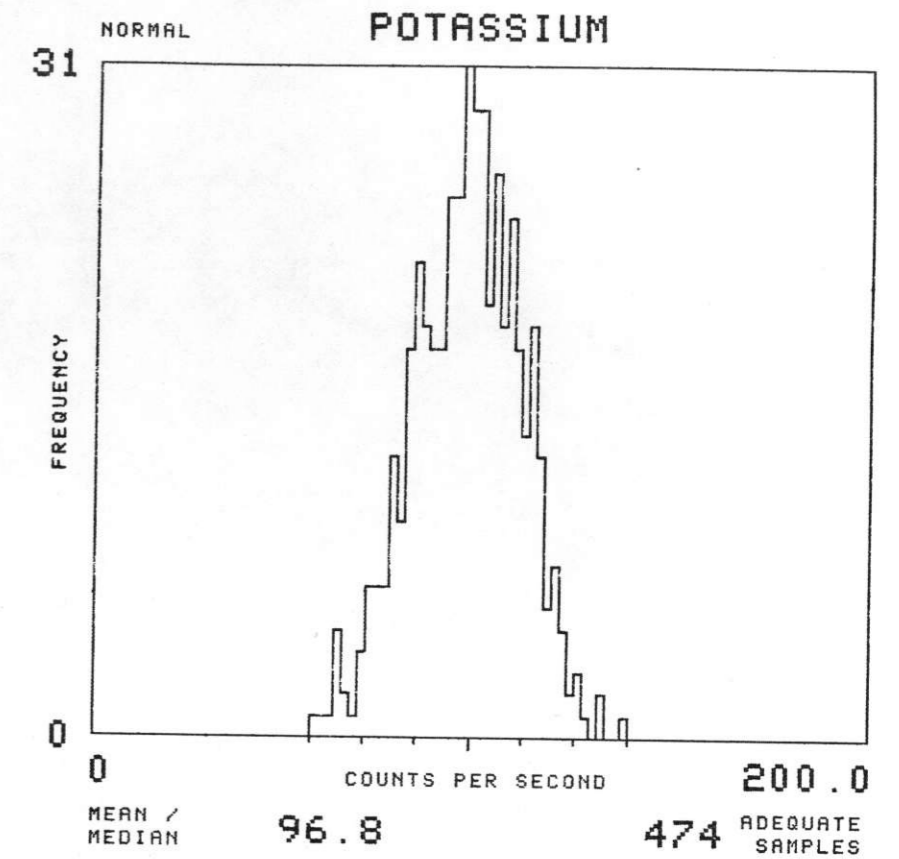
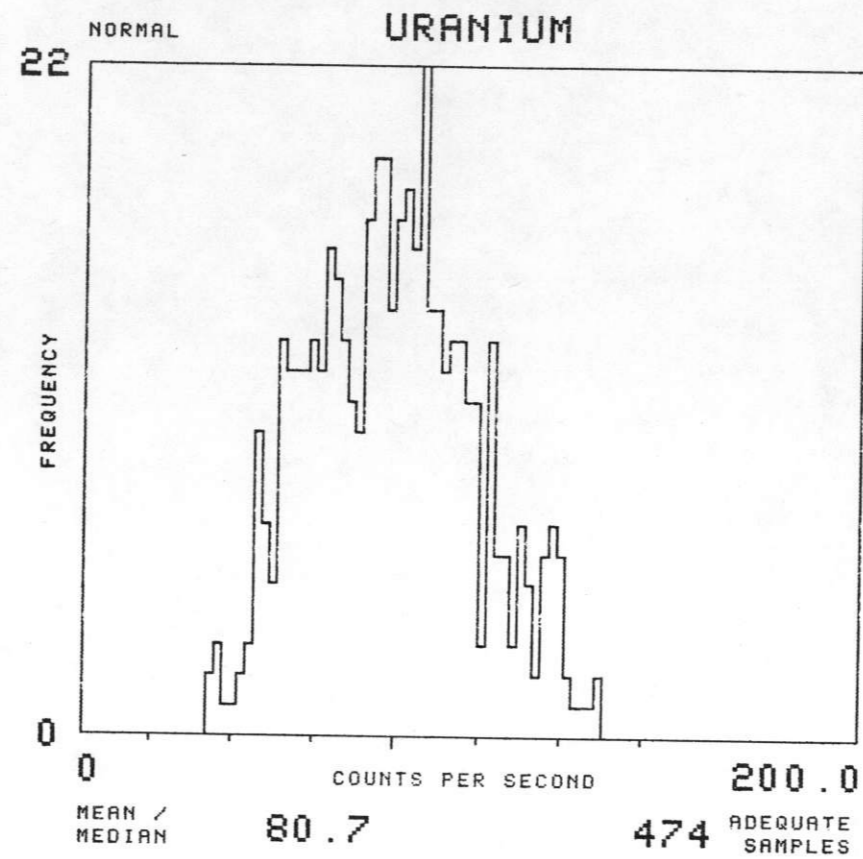
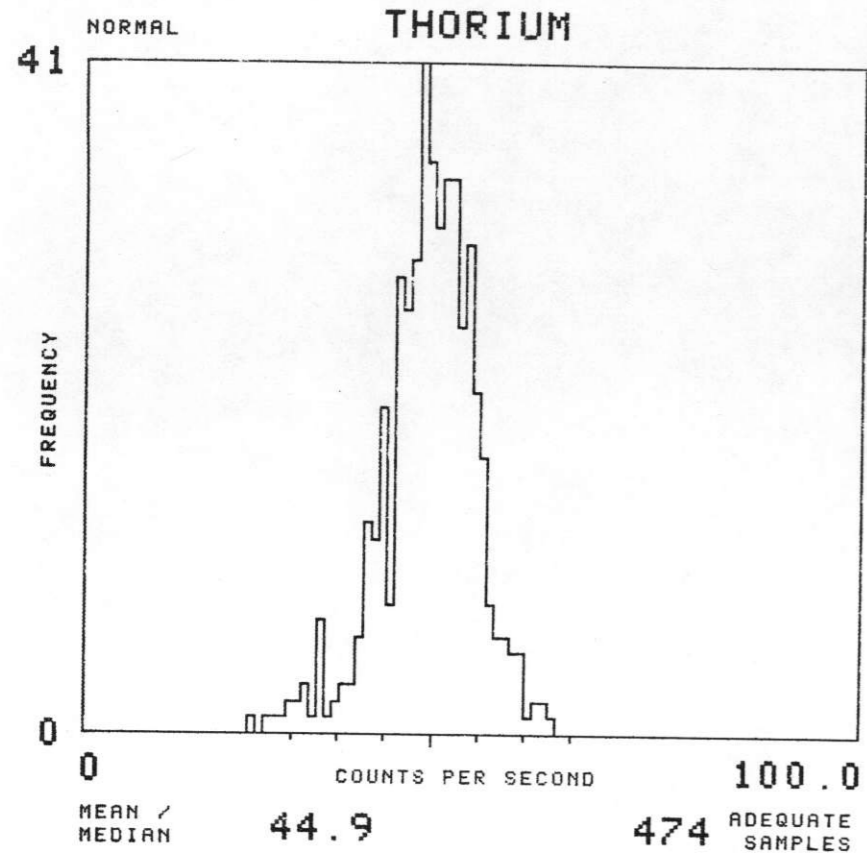
SOIL GROUP : HLJ

TOTAL NUMBER OF SAMPLES 40

EAST SALINA BASIN - GEOMETRICS 1977







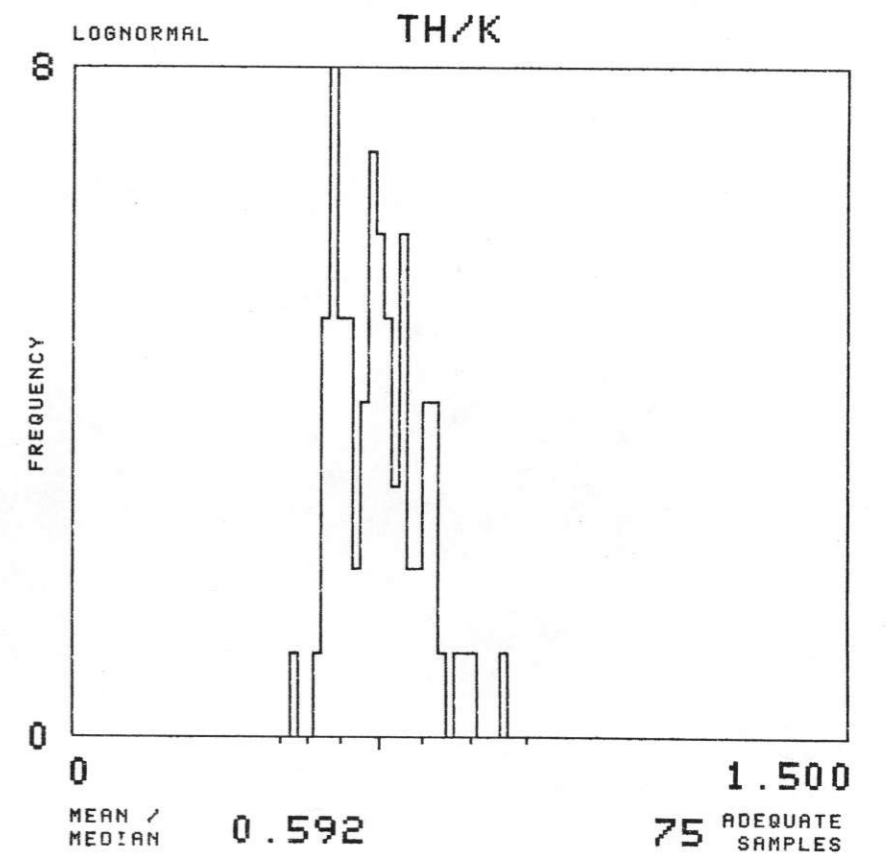
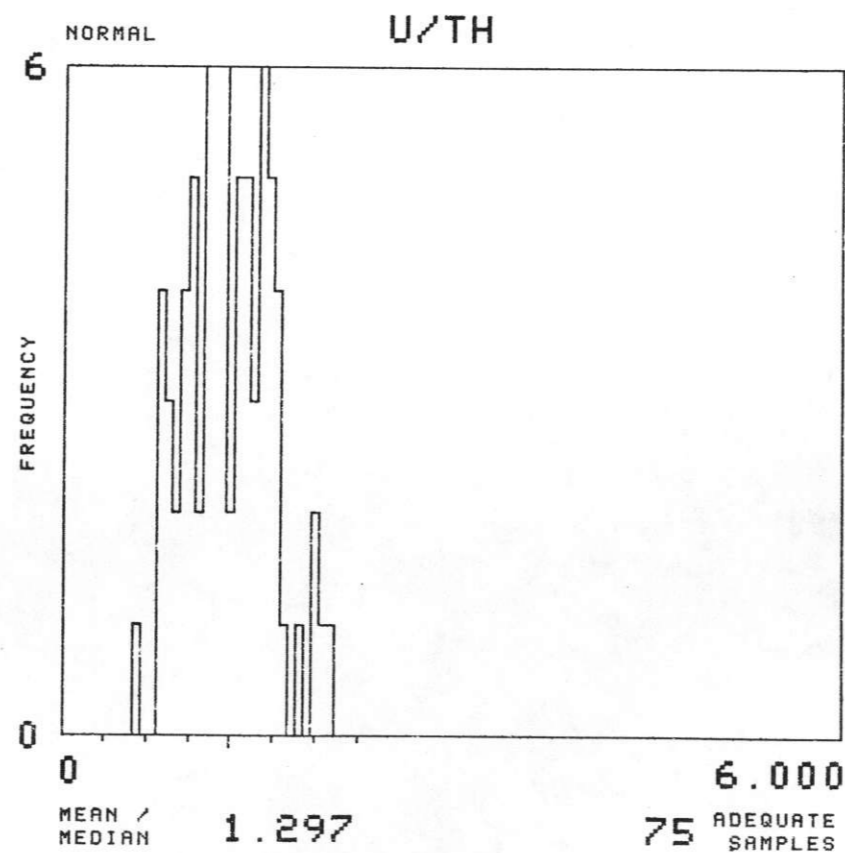
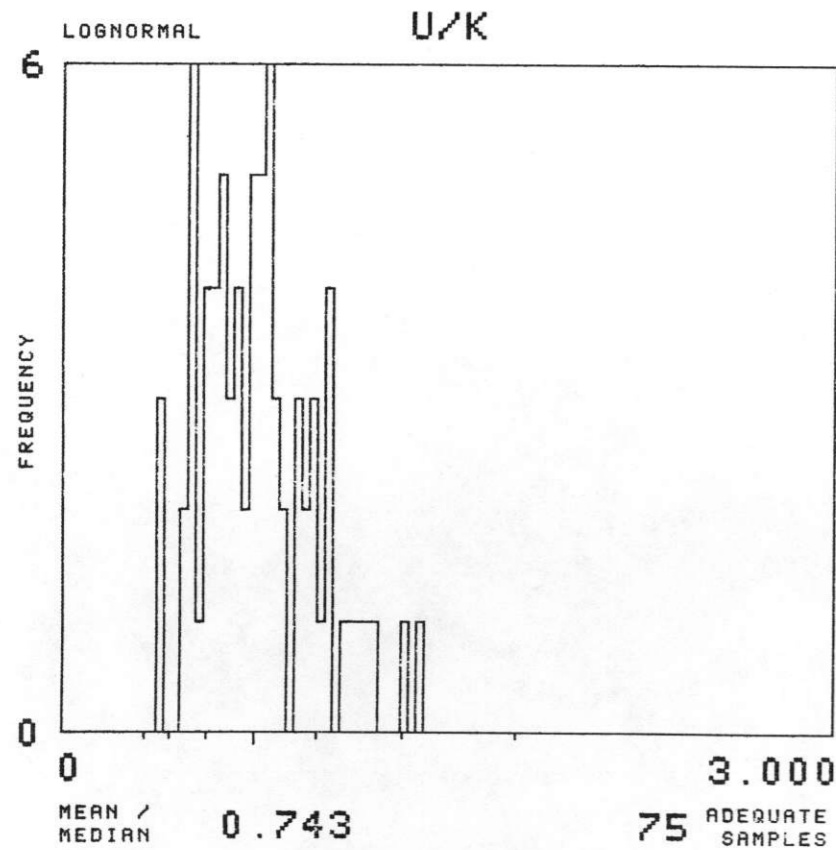
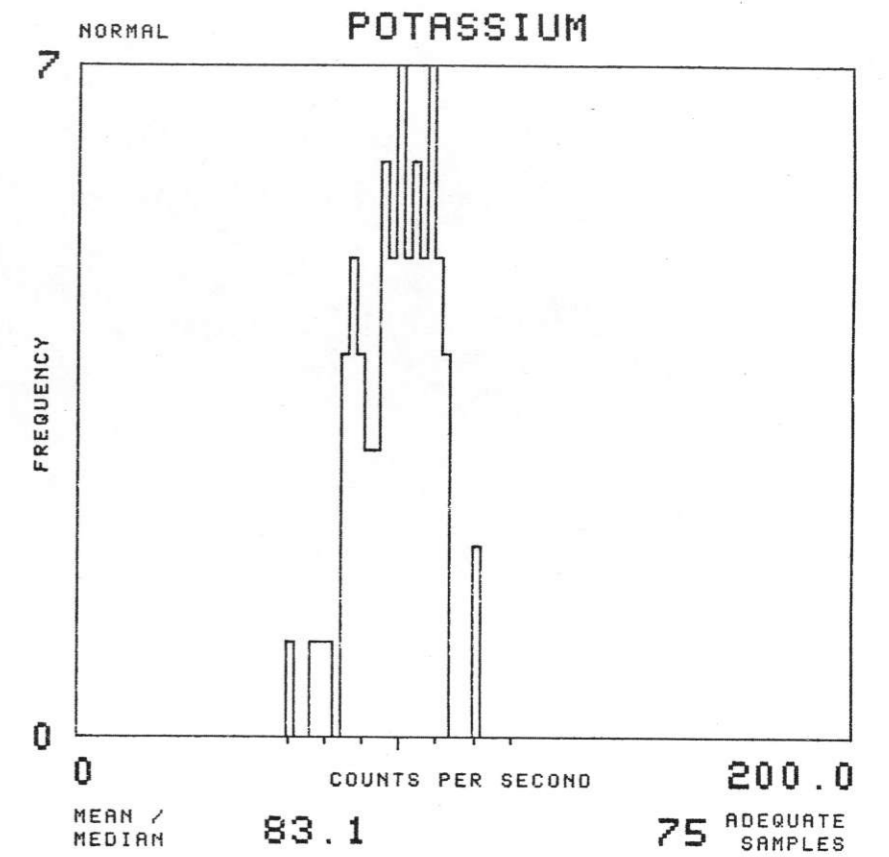
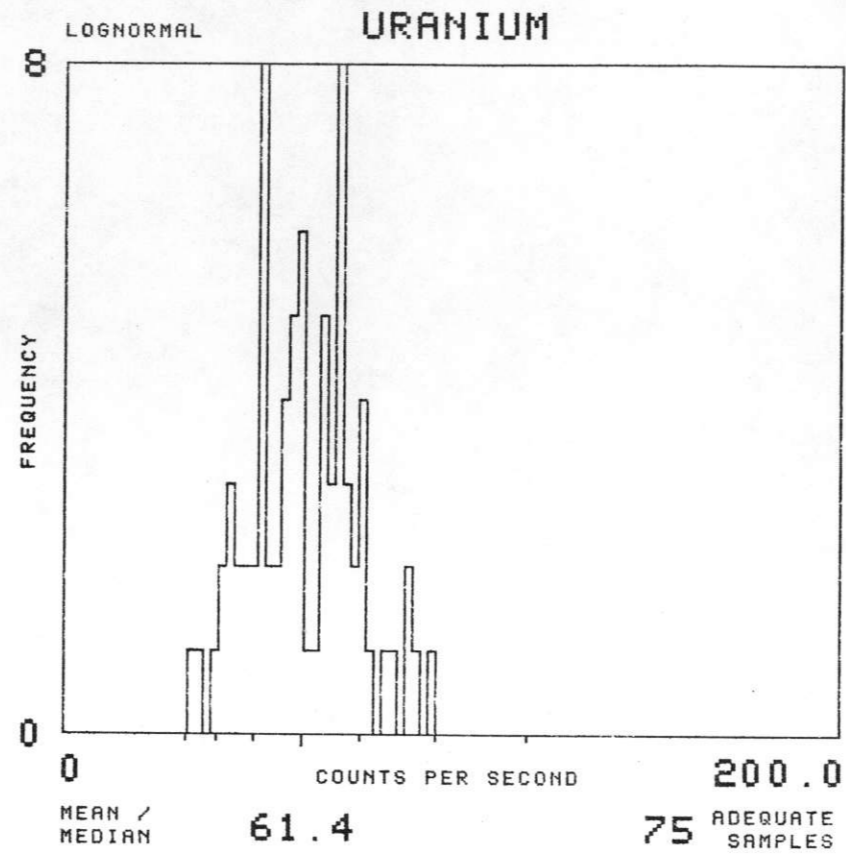
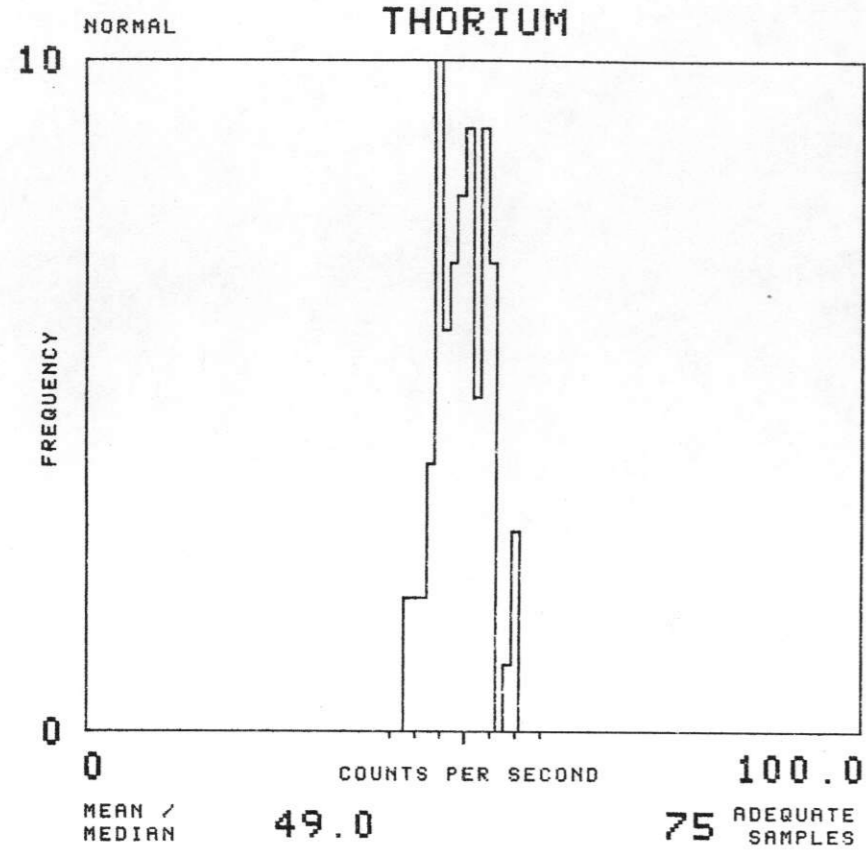
NTMS NK 14-9 FREMONT

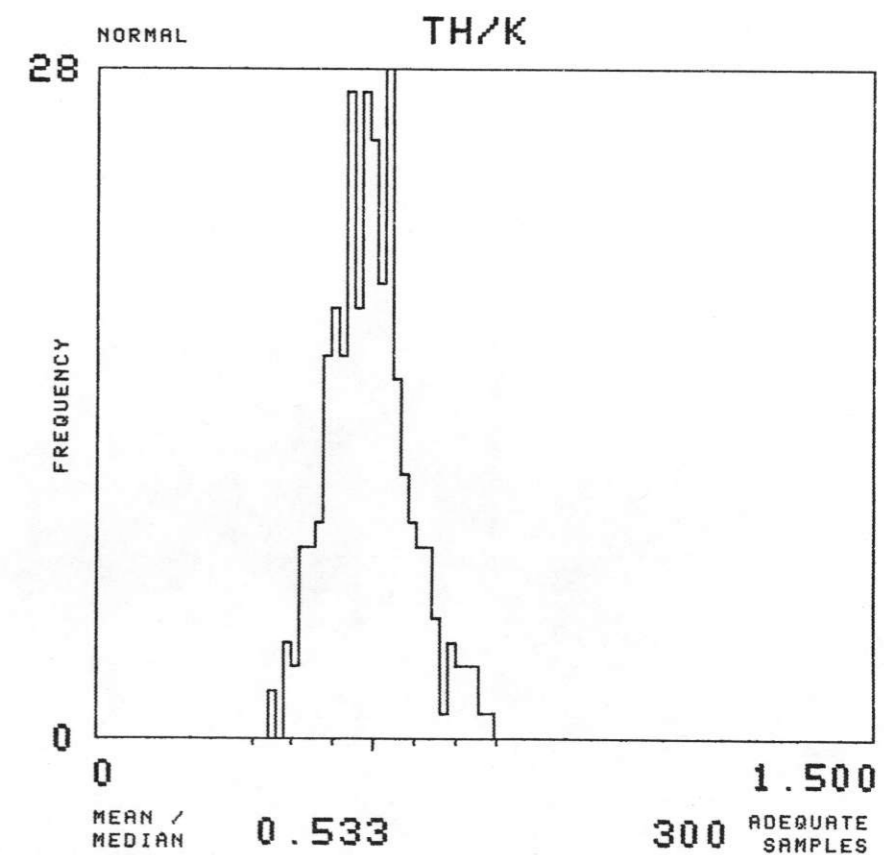
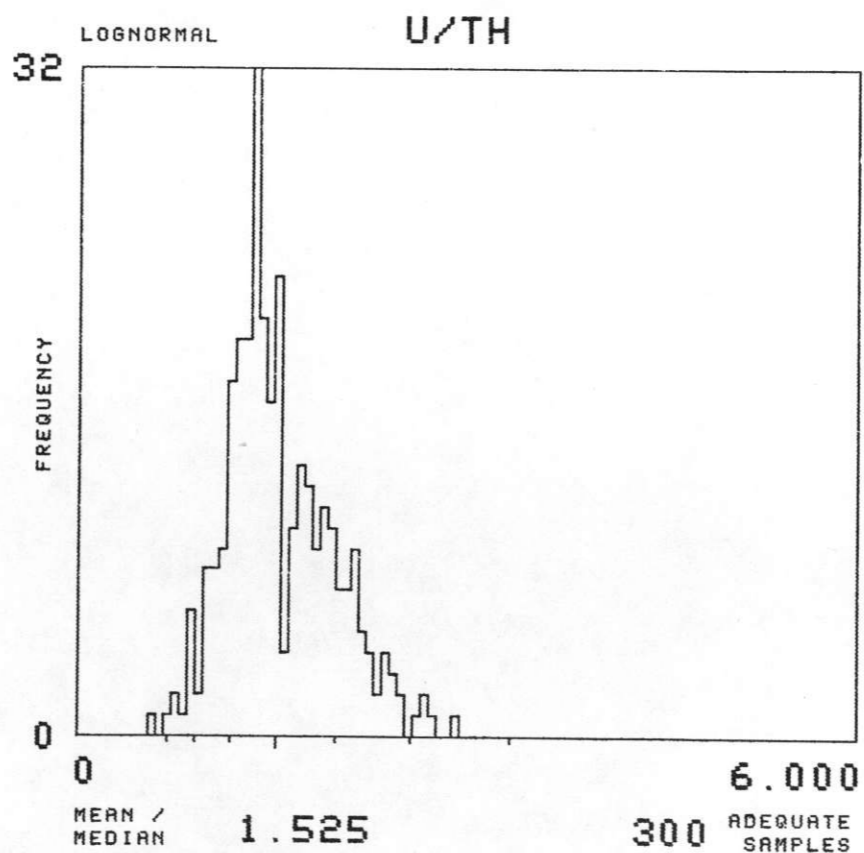
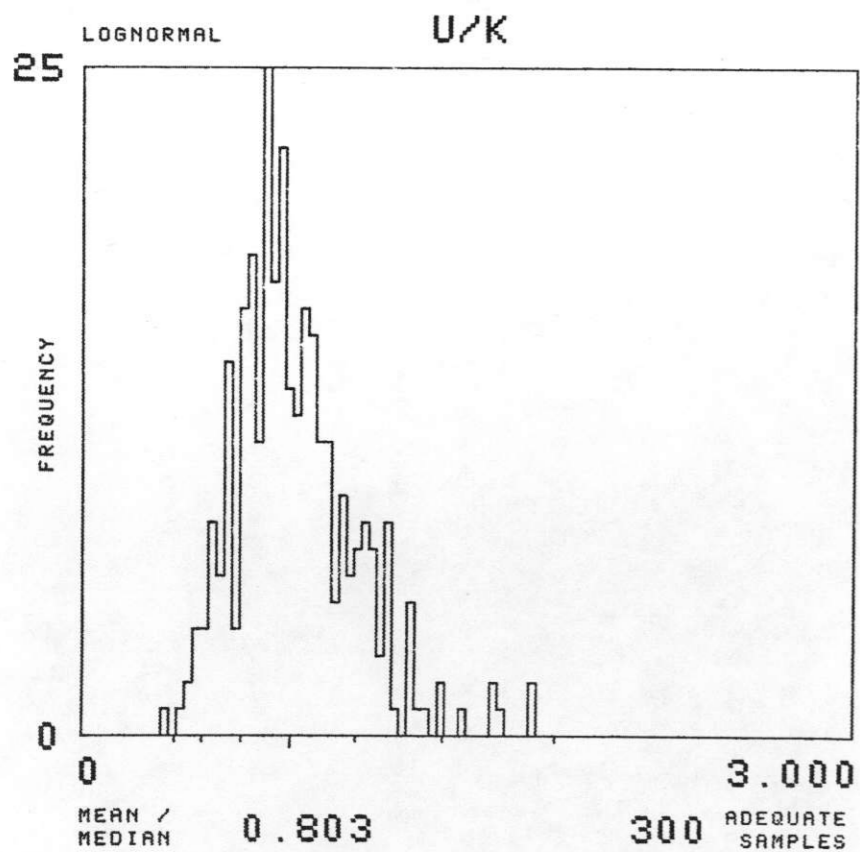
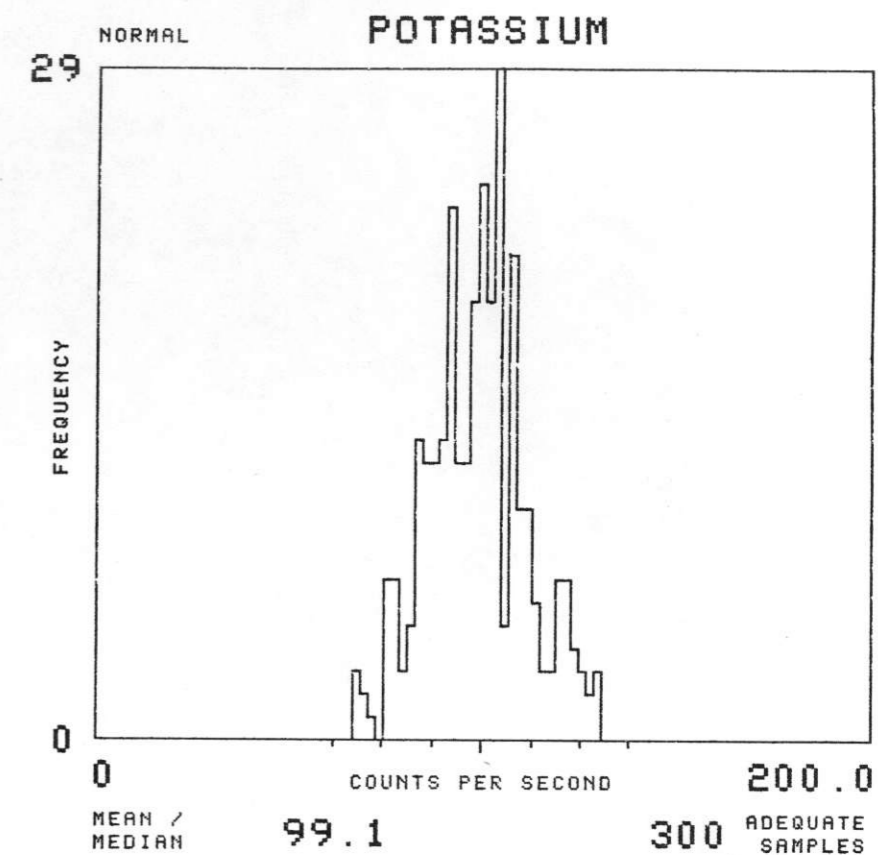
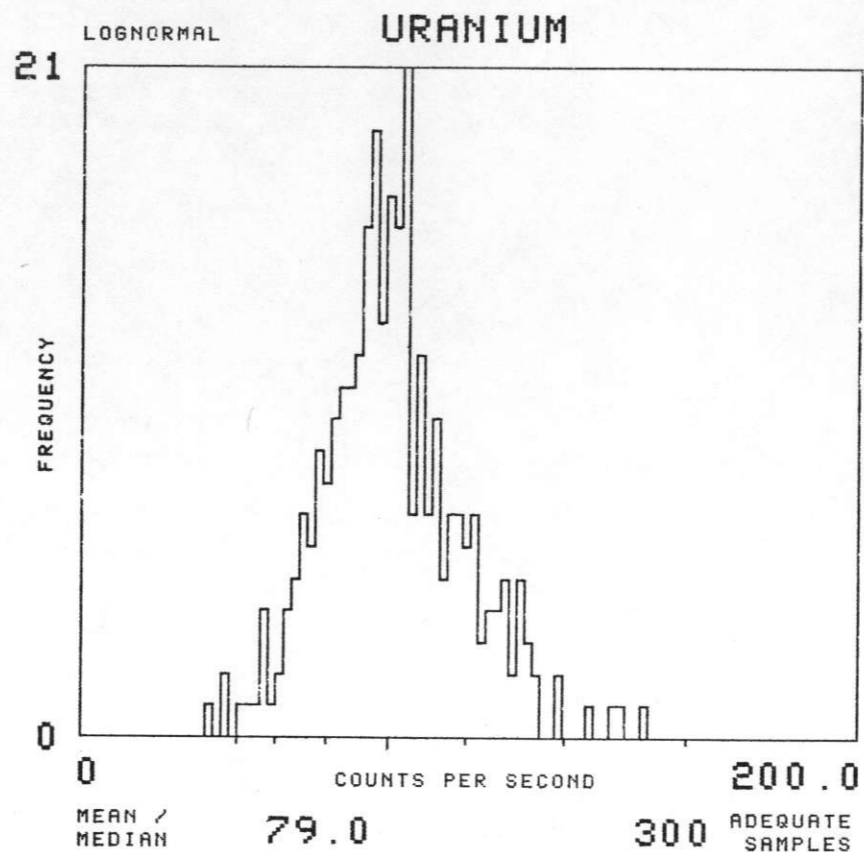
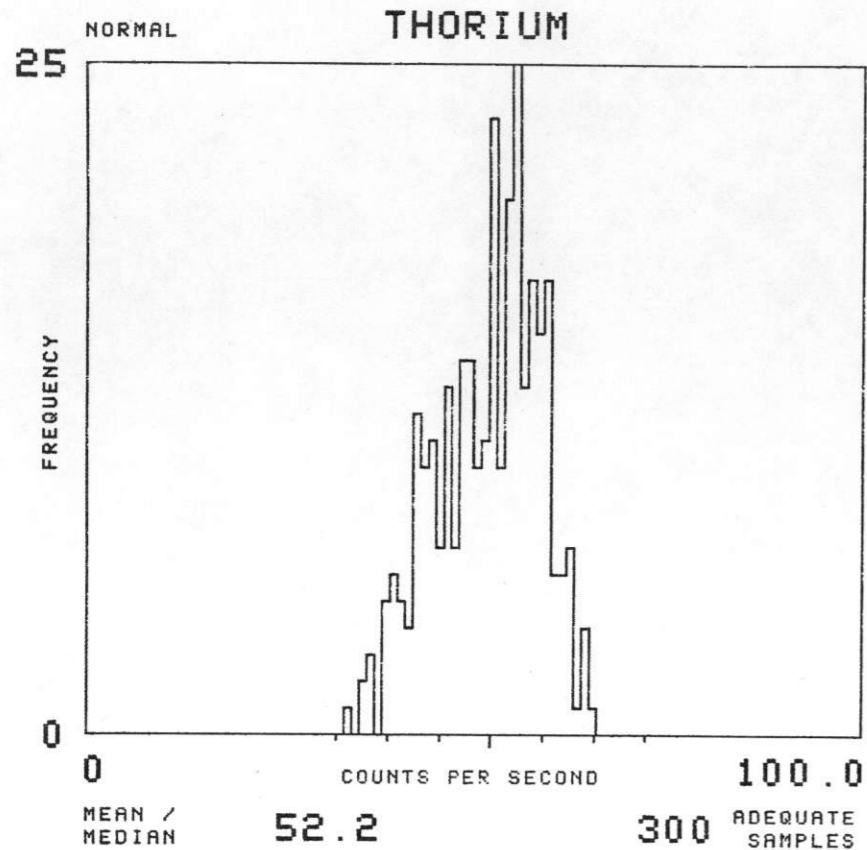
SOIL GROUP : HWY

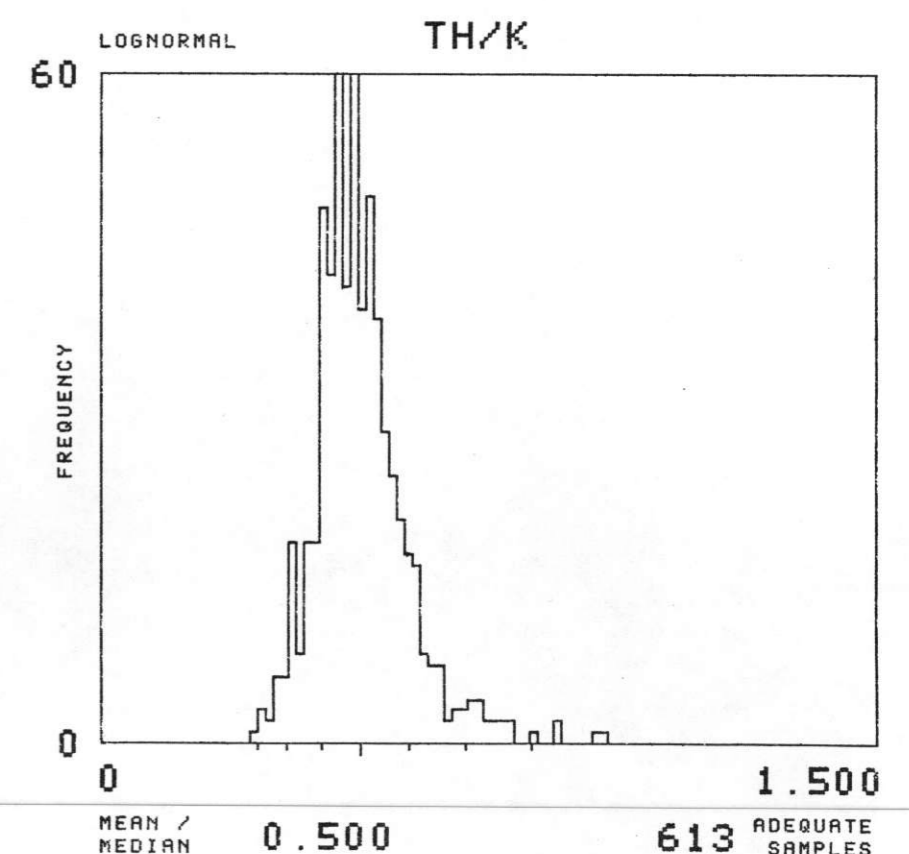
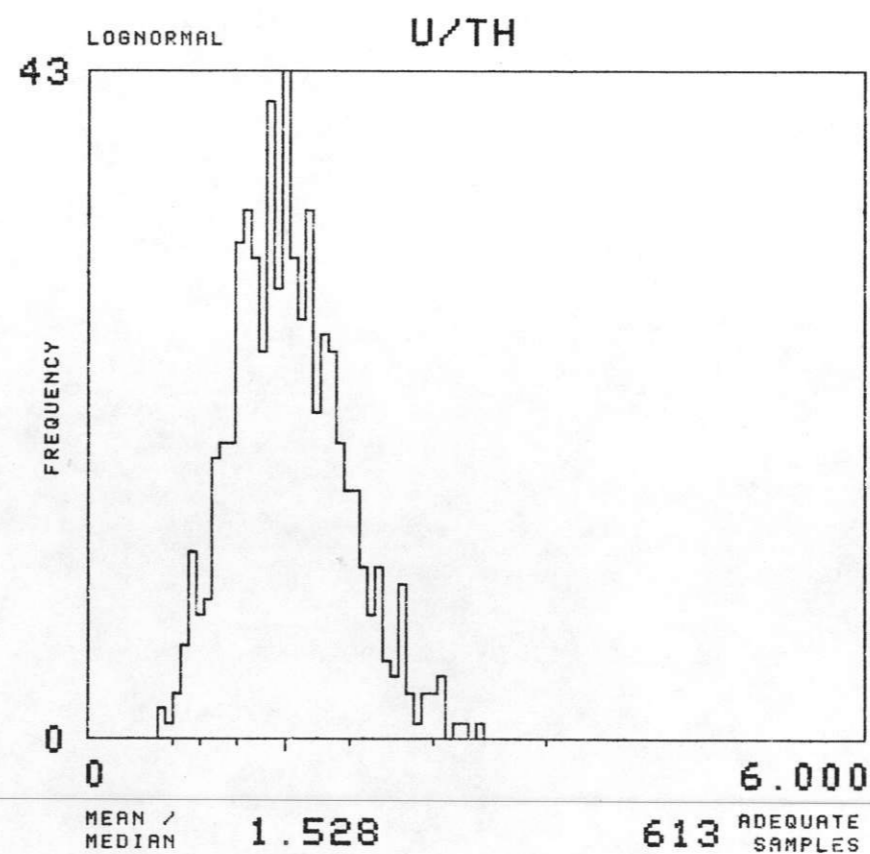
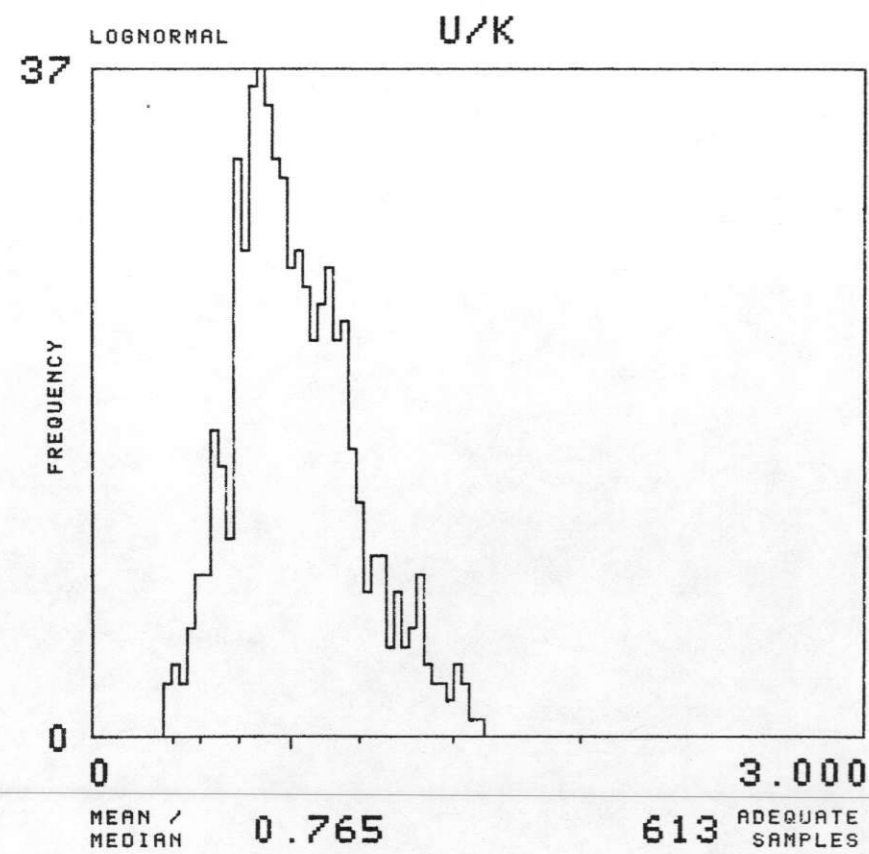
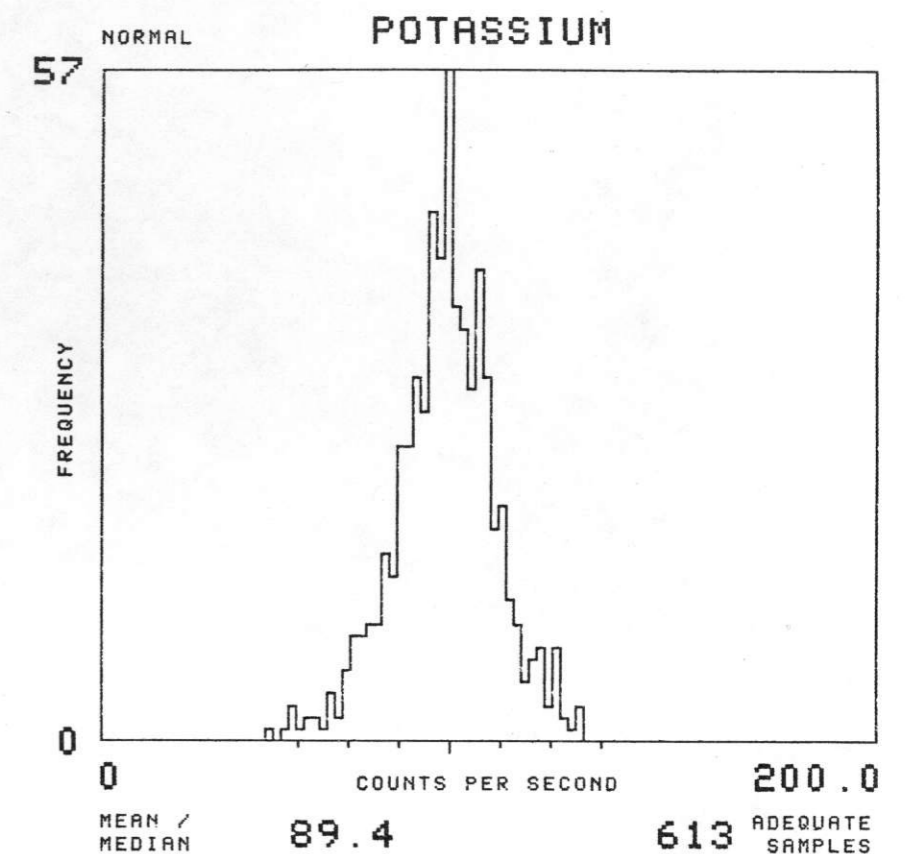
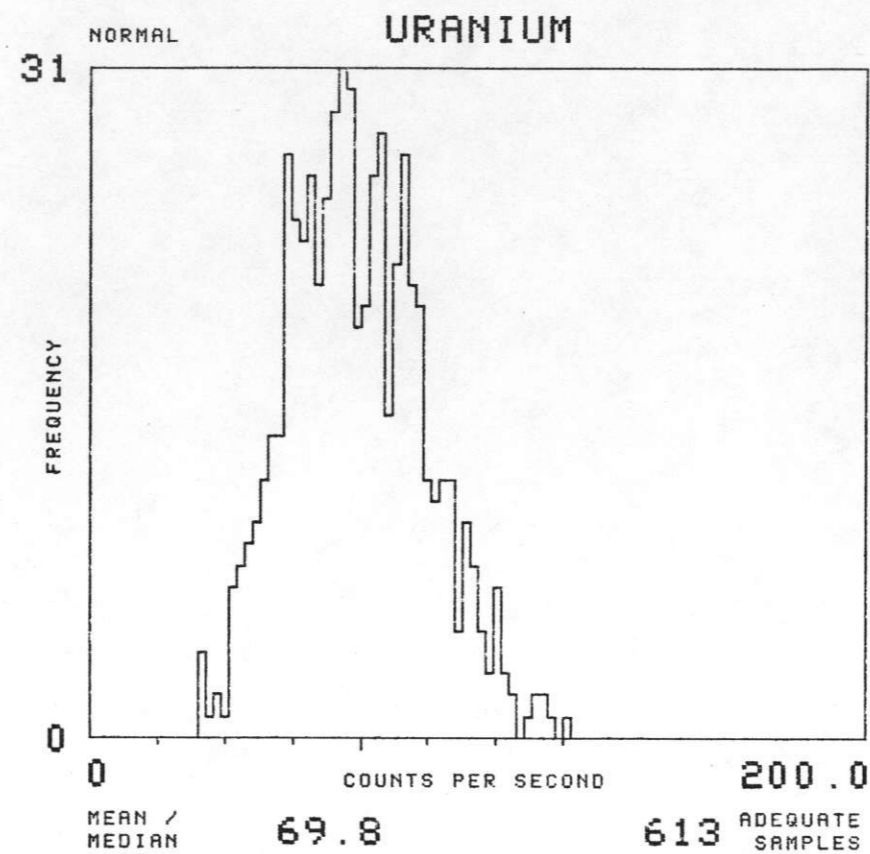
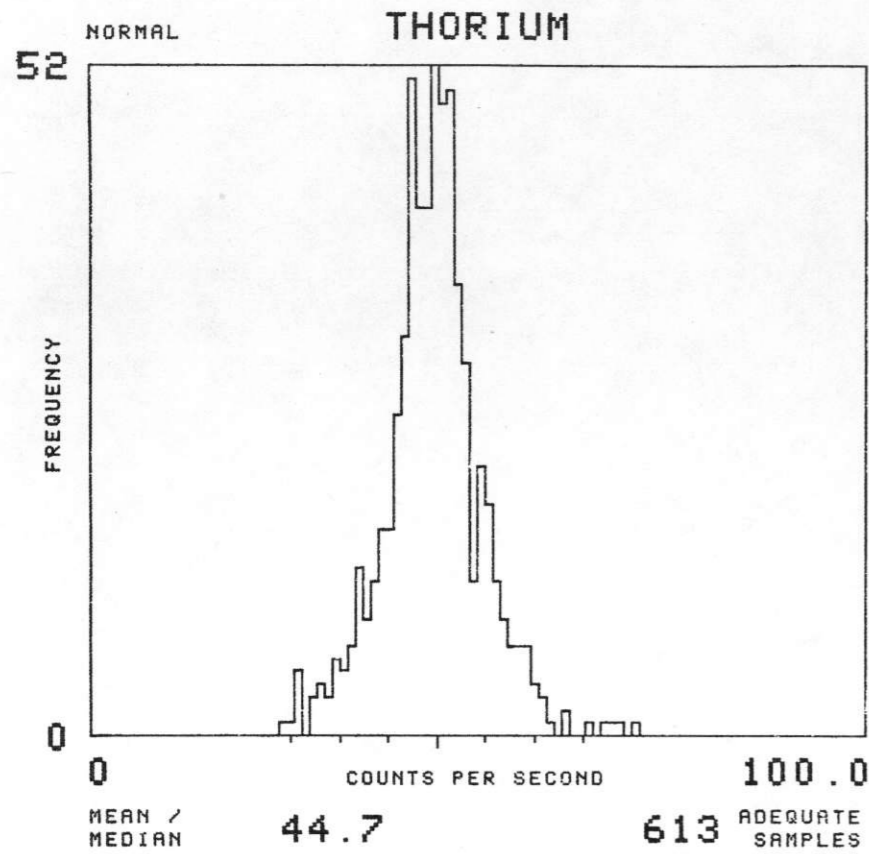
TOTAL NUMBER OF SAMPLES

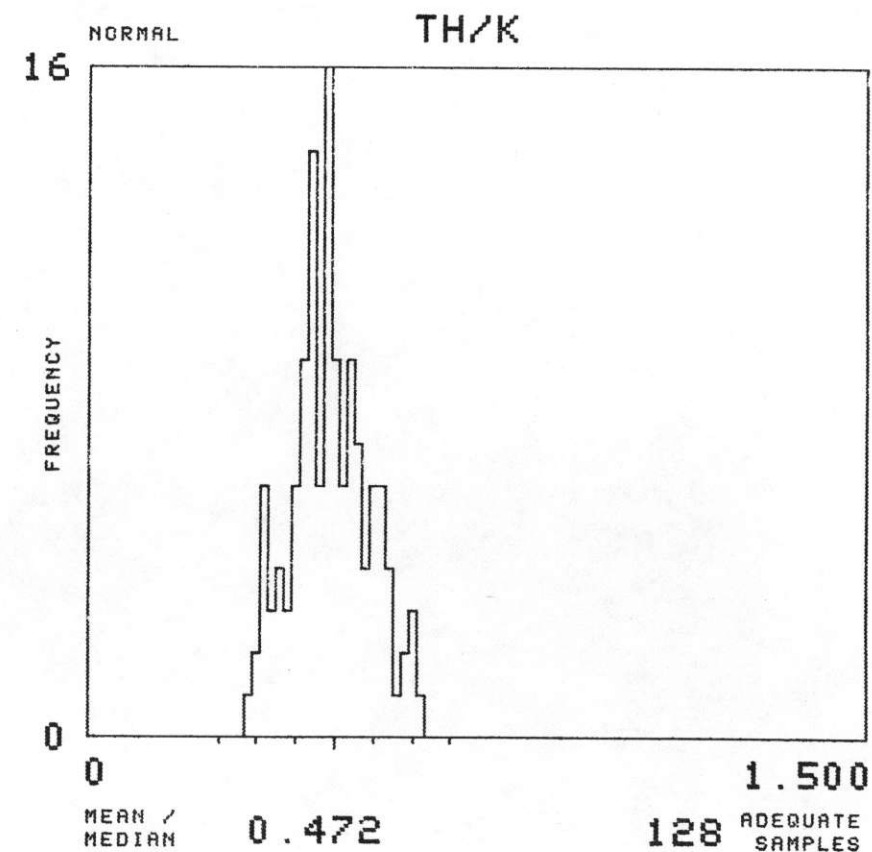
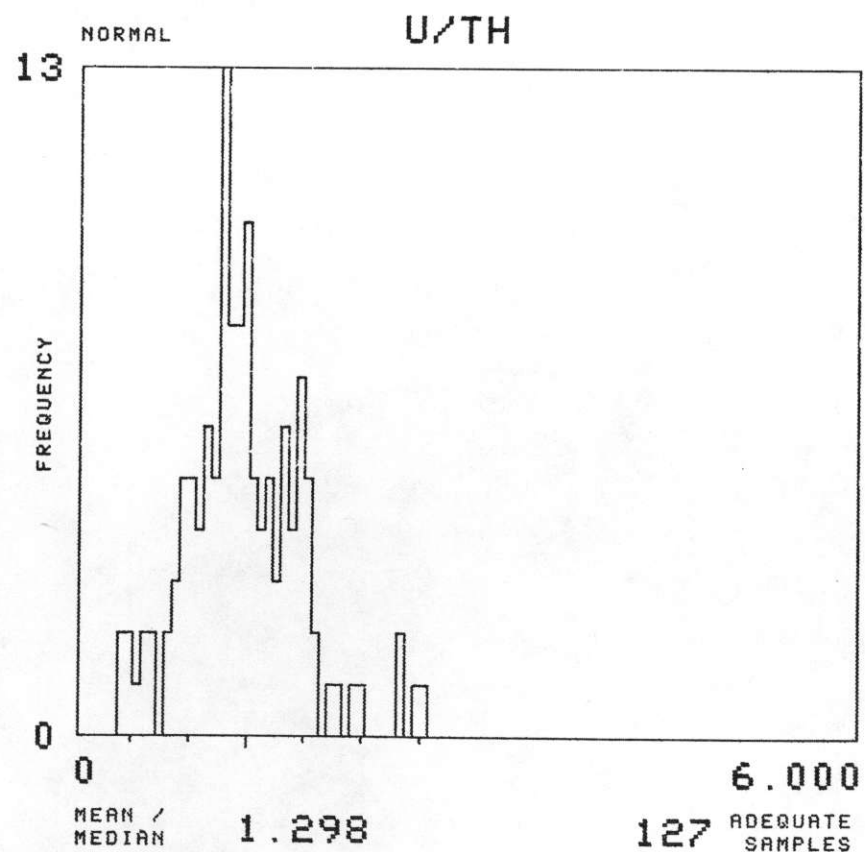
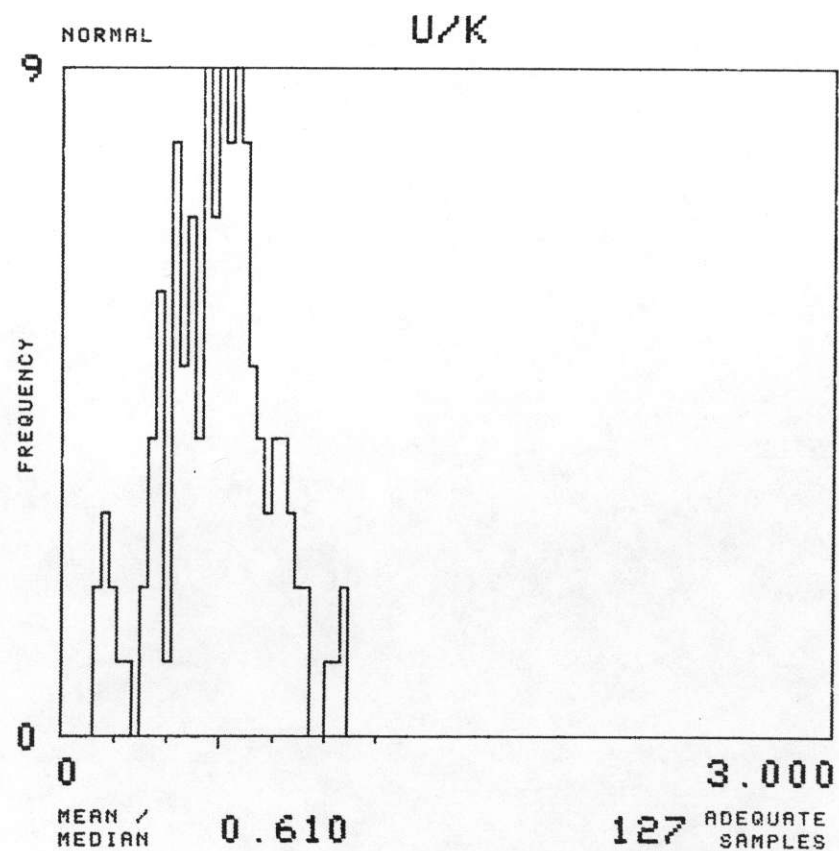
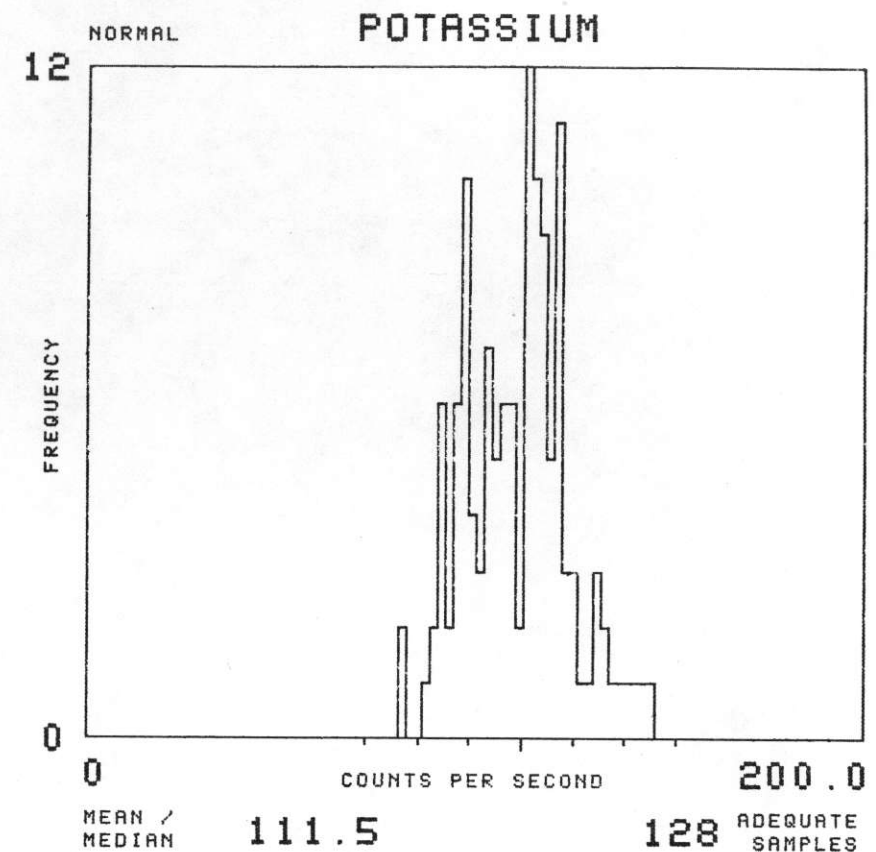
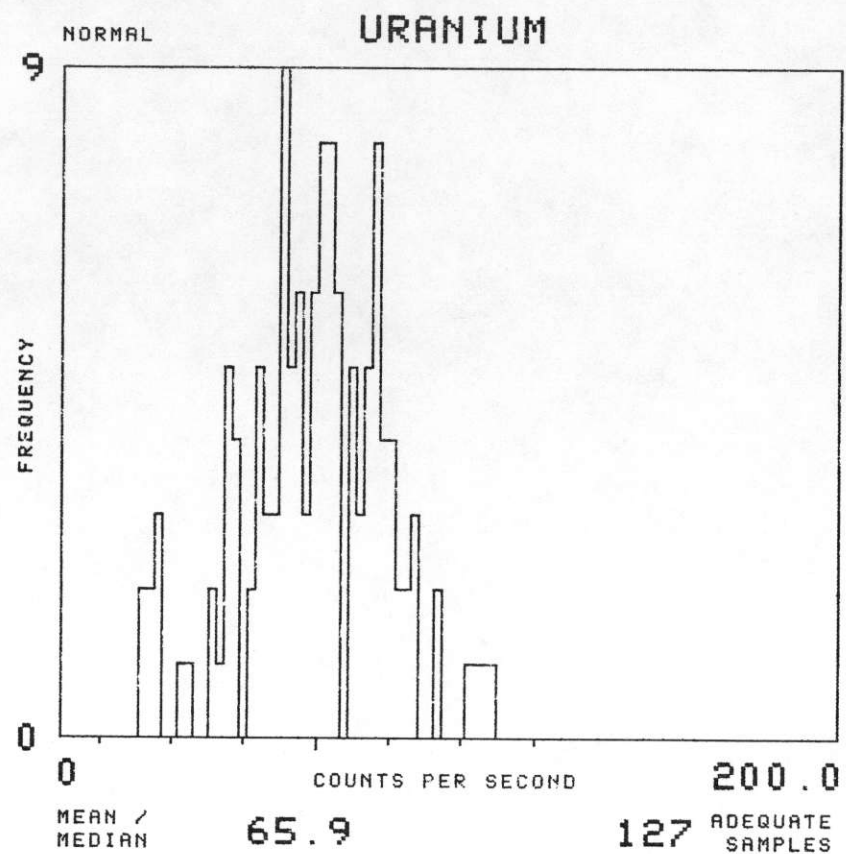
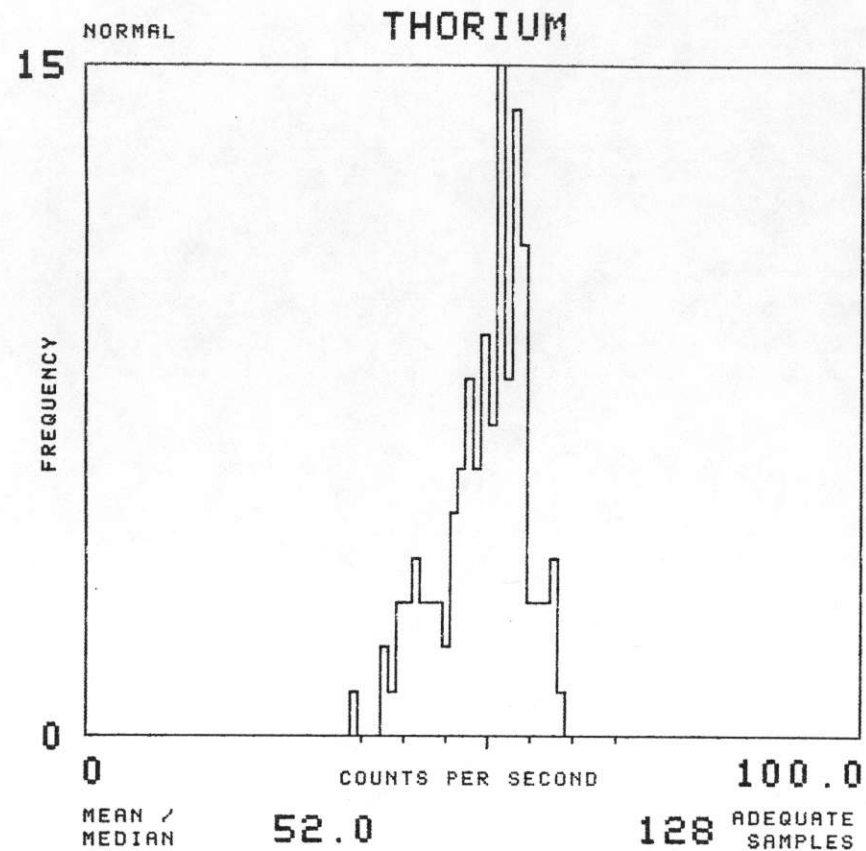
75

EAST SALINA BASIN - GEOMETRICS 1977







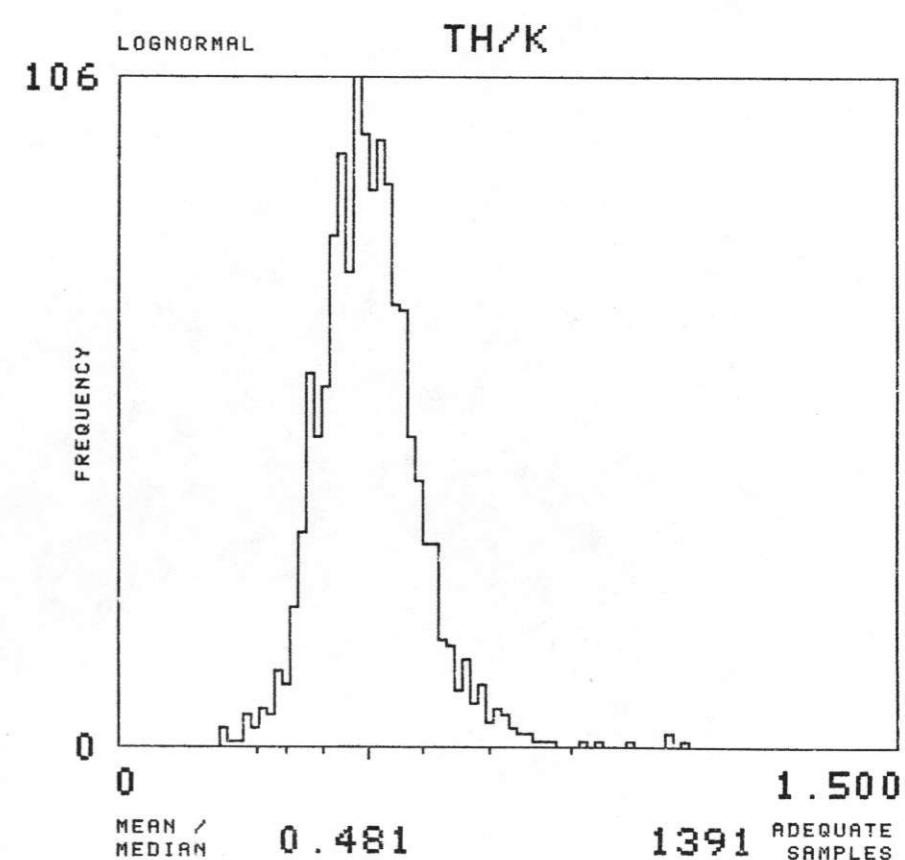
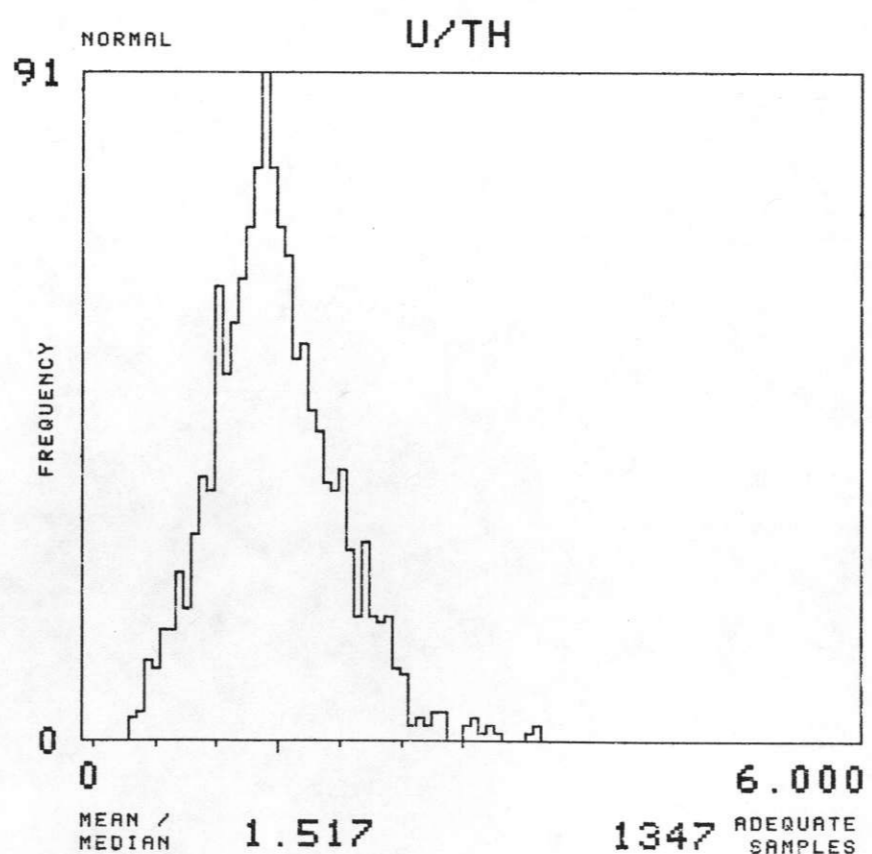
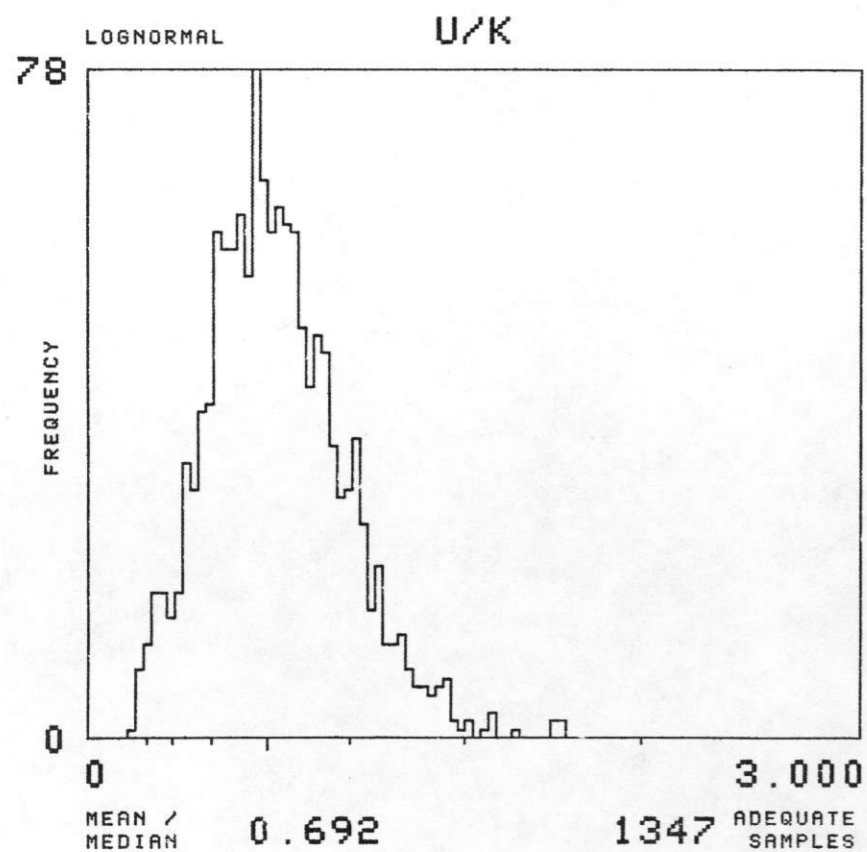
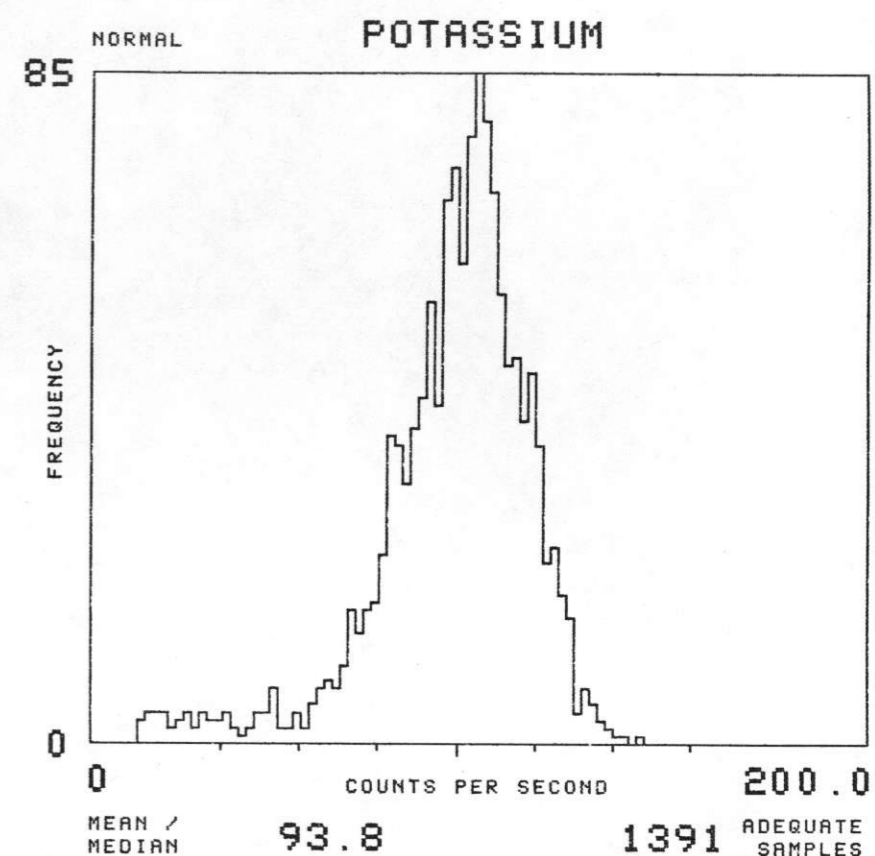
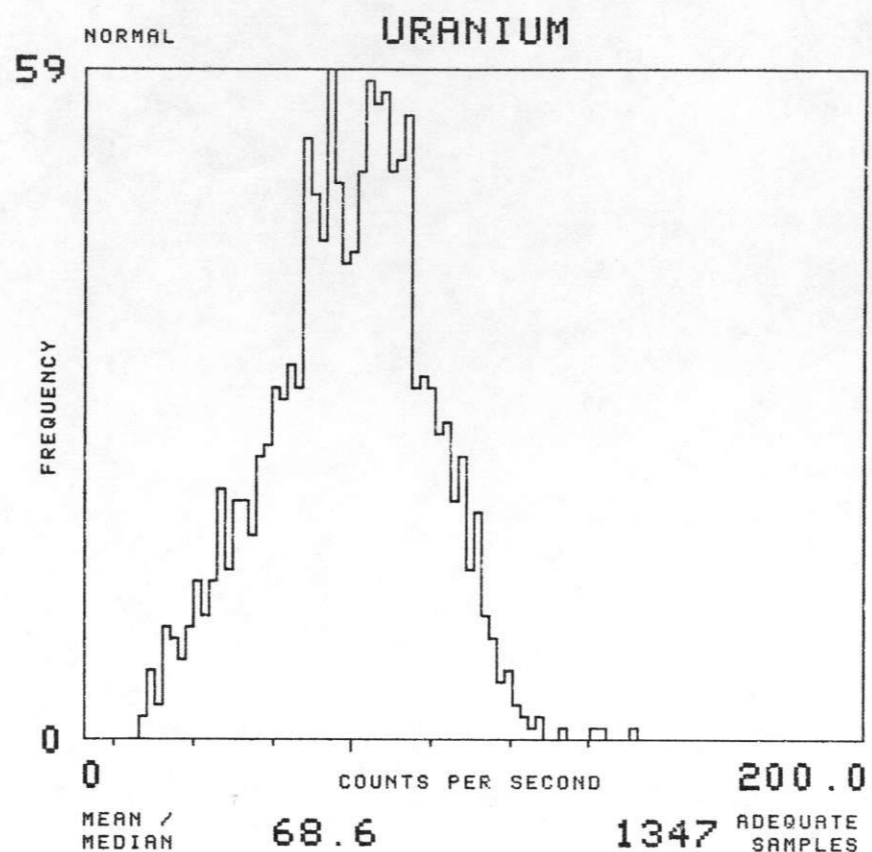
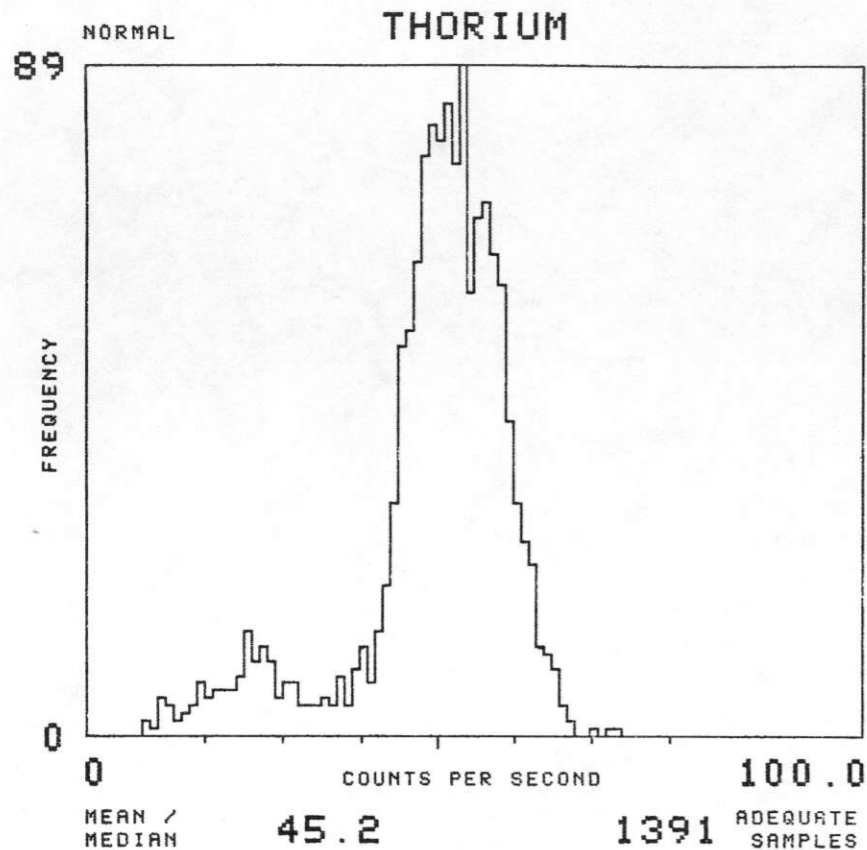


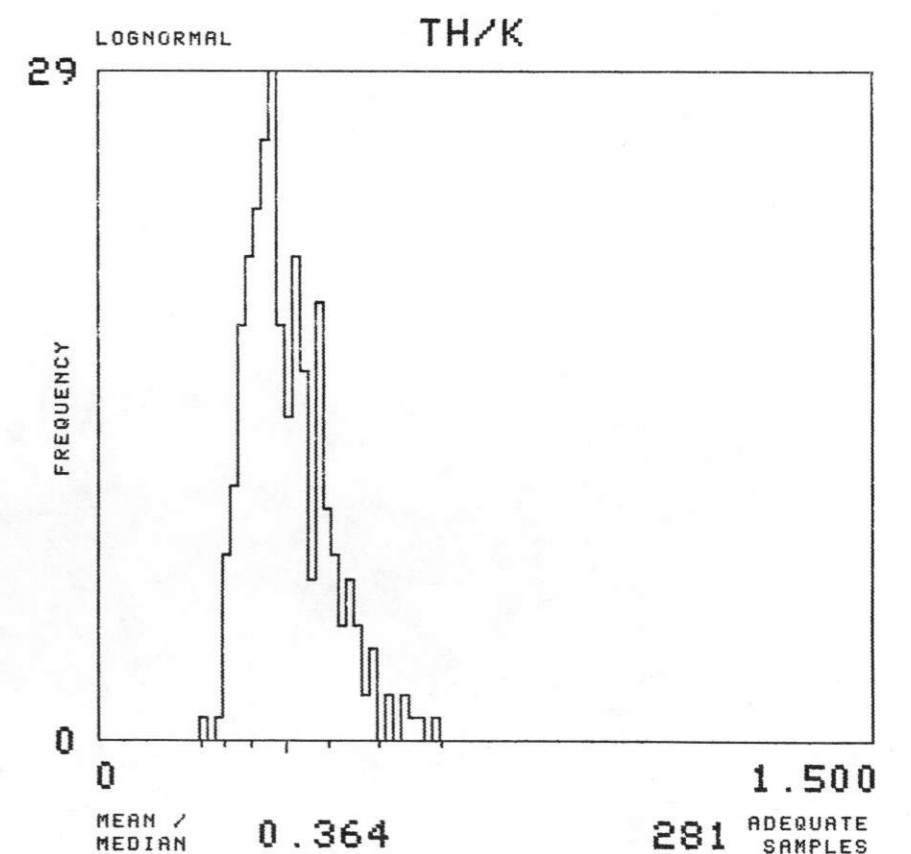
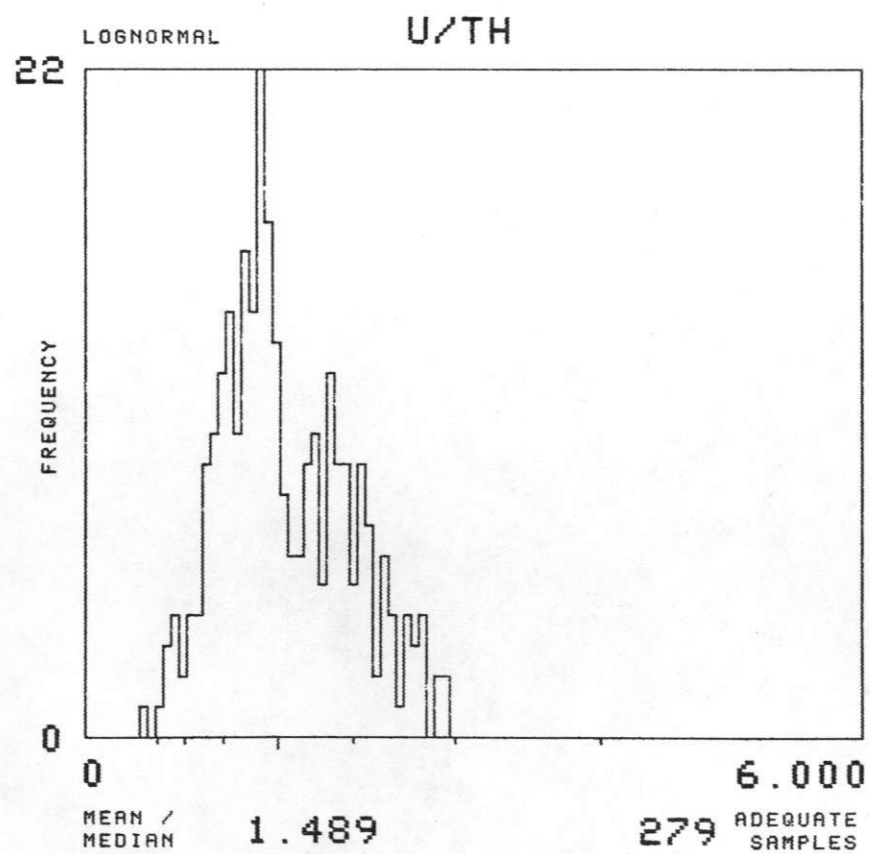
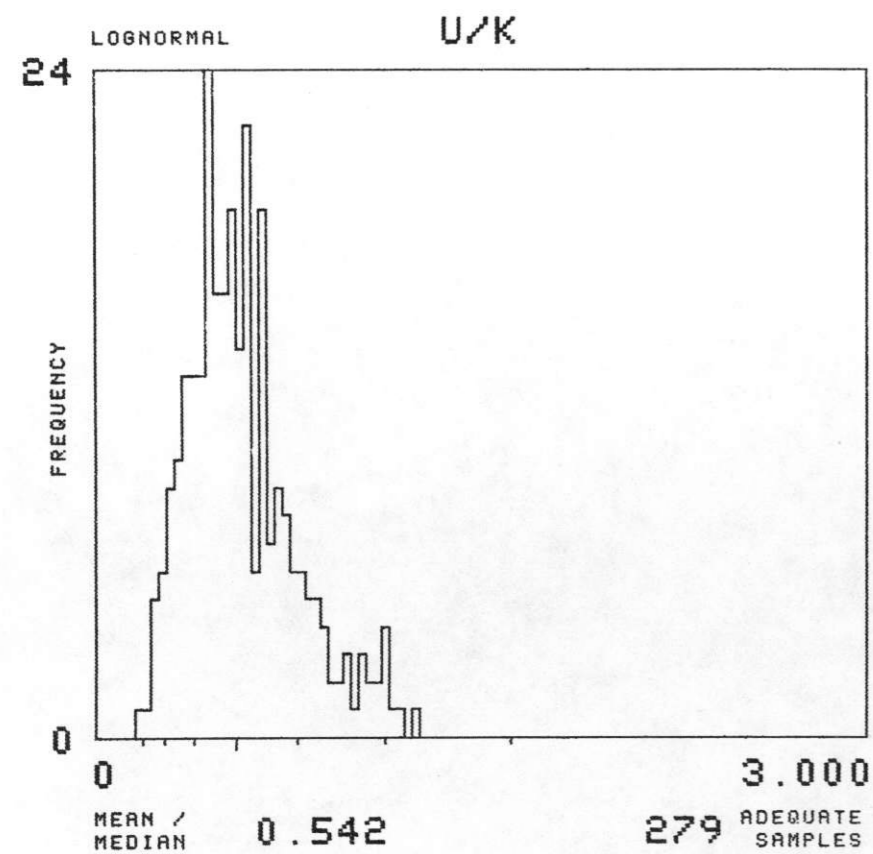
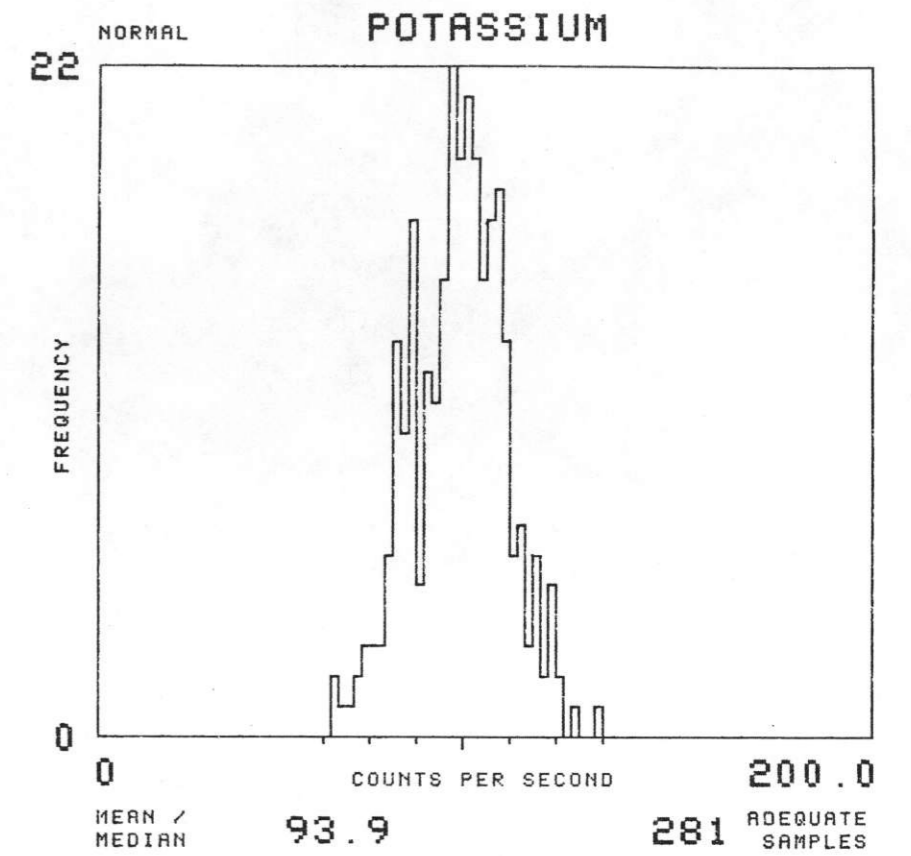
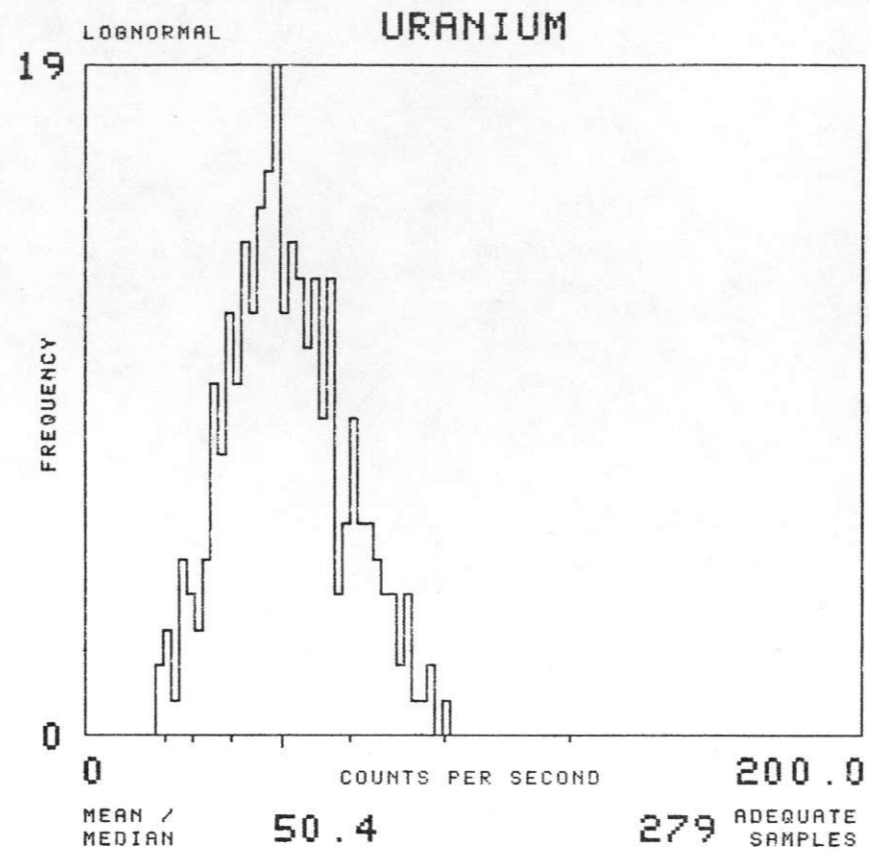
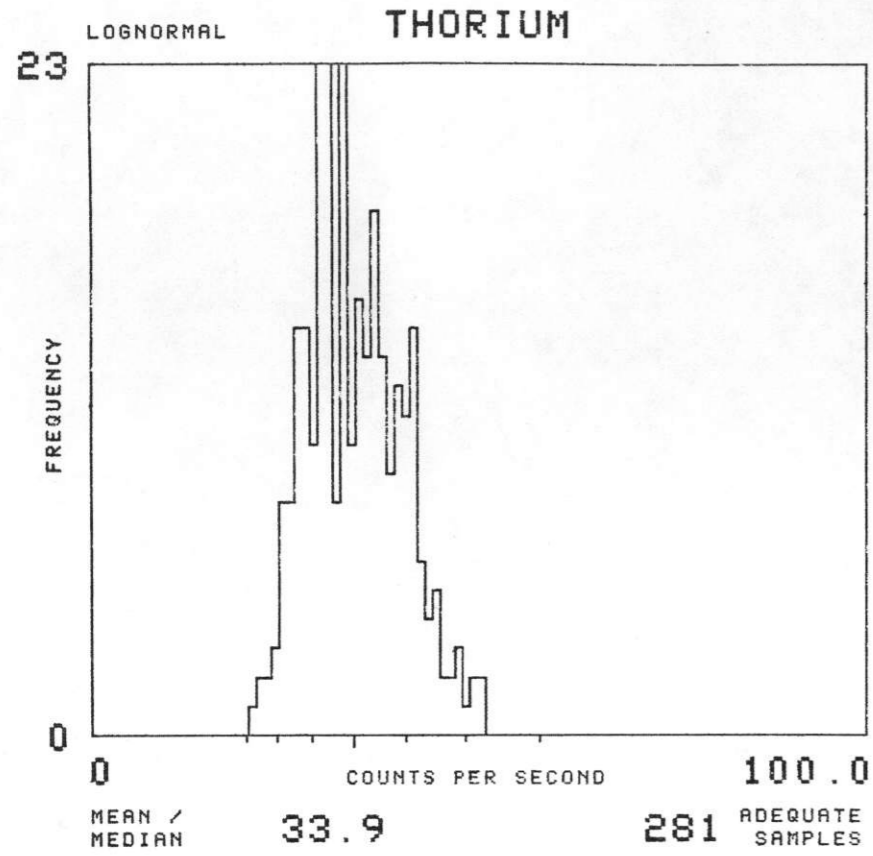
NTMS NK 14-9 FREMONT

SOIL GROUP : LLLWB

TOTAL NUMBER OF SAMPLES 1391

EAST SALINA BASIN - GEOMETRICS 1977





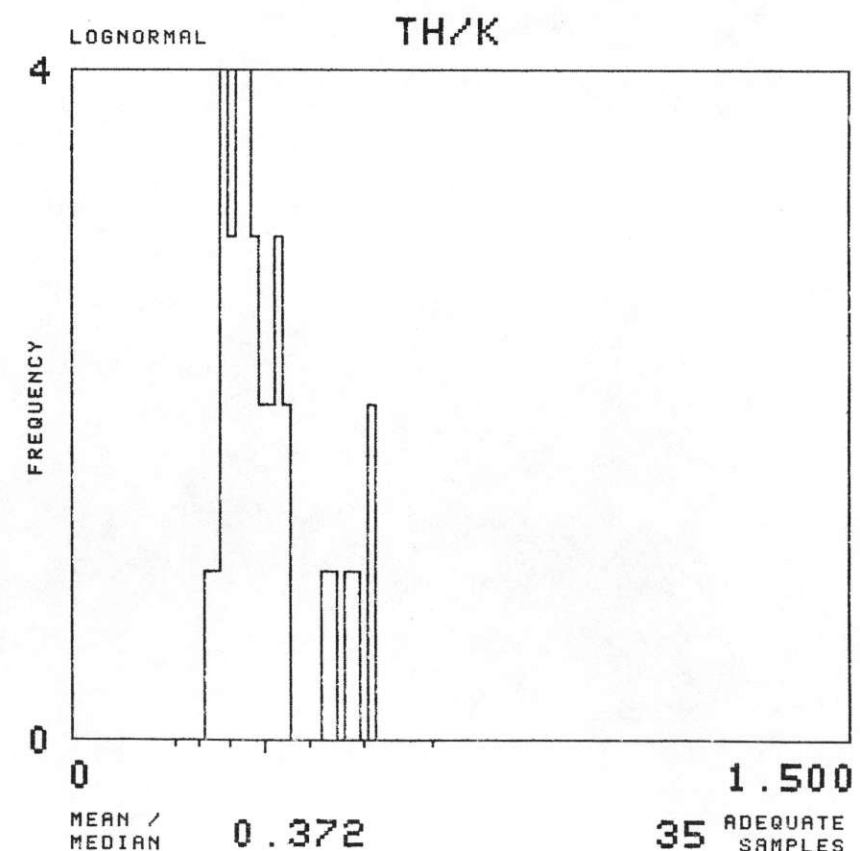
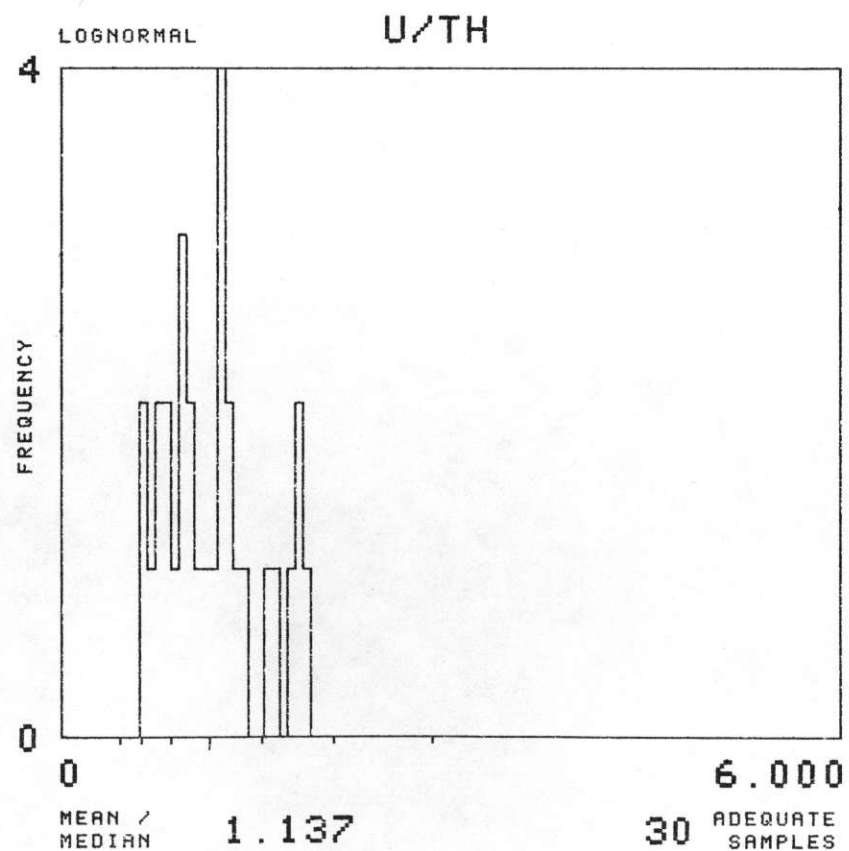
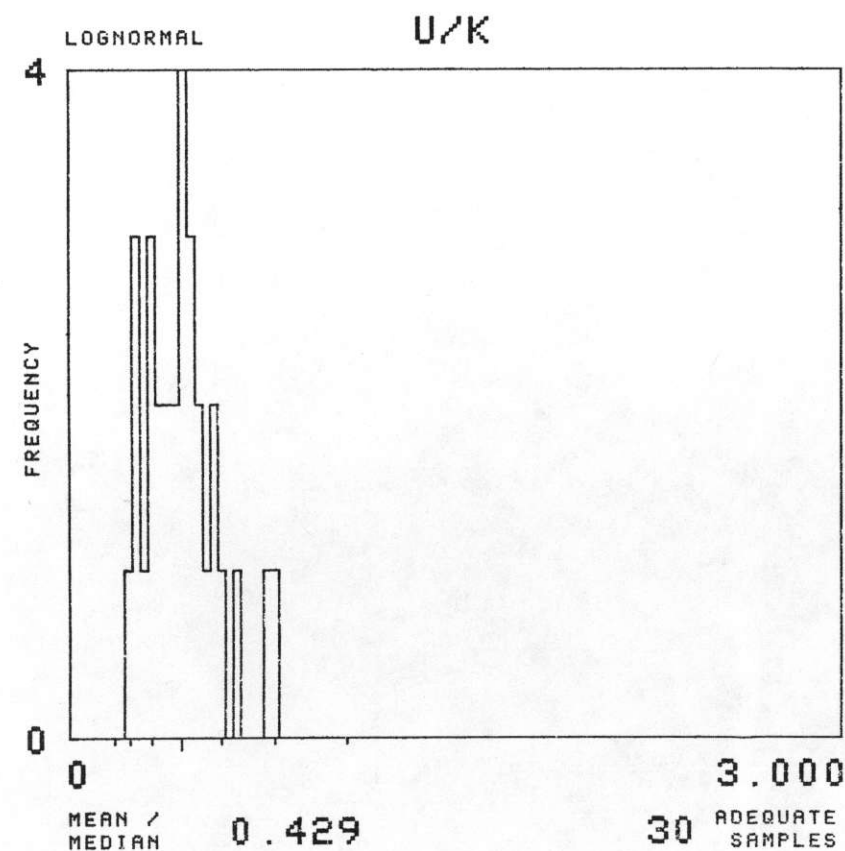
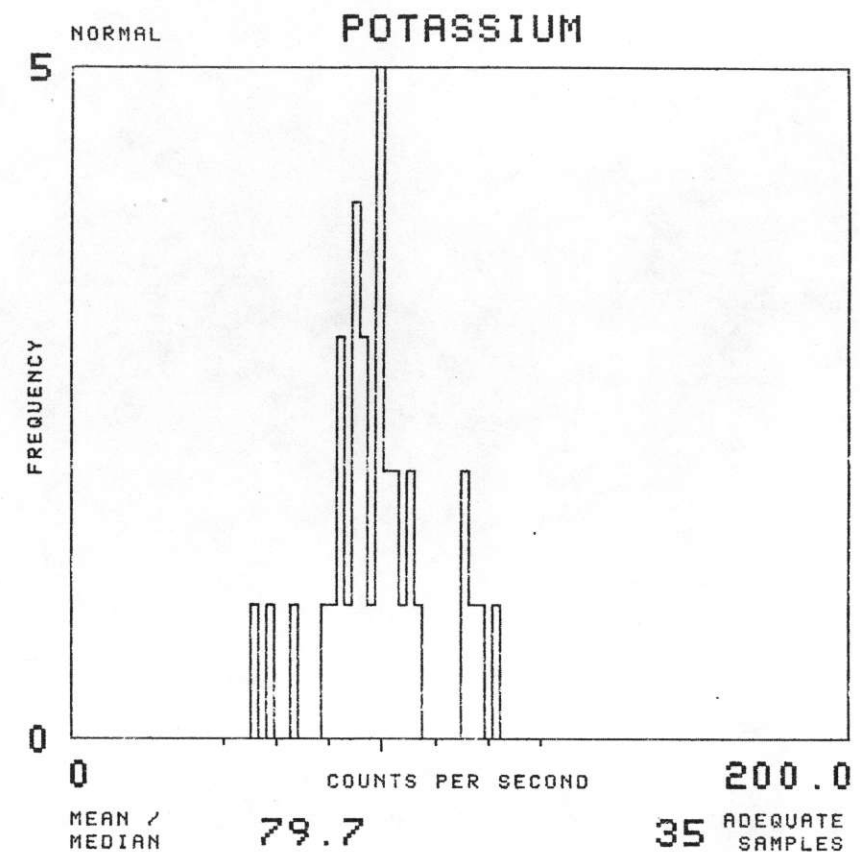
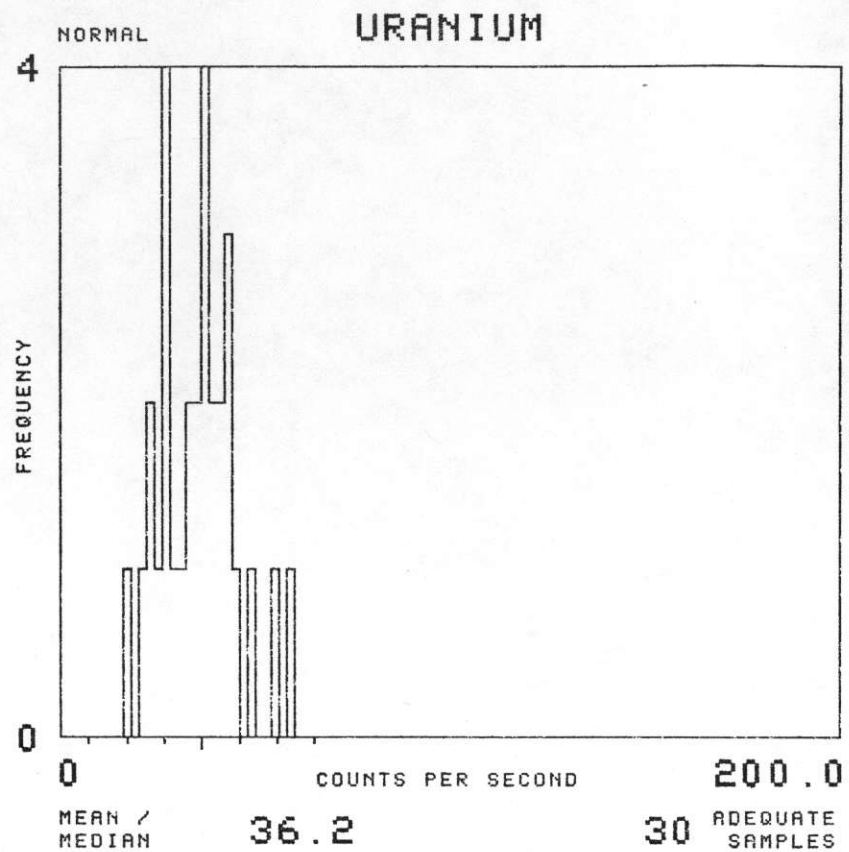
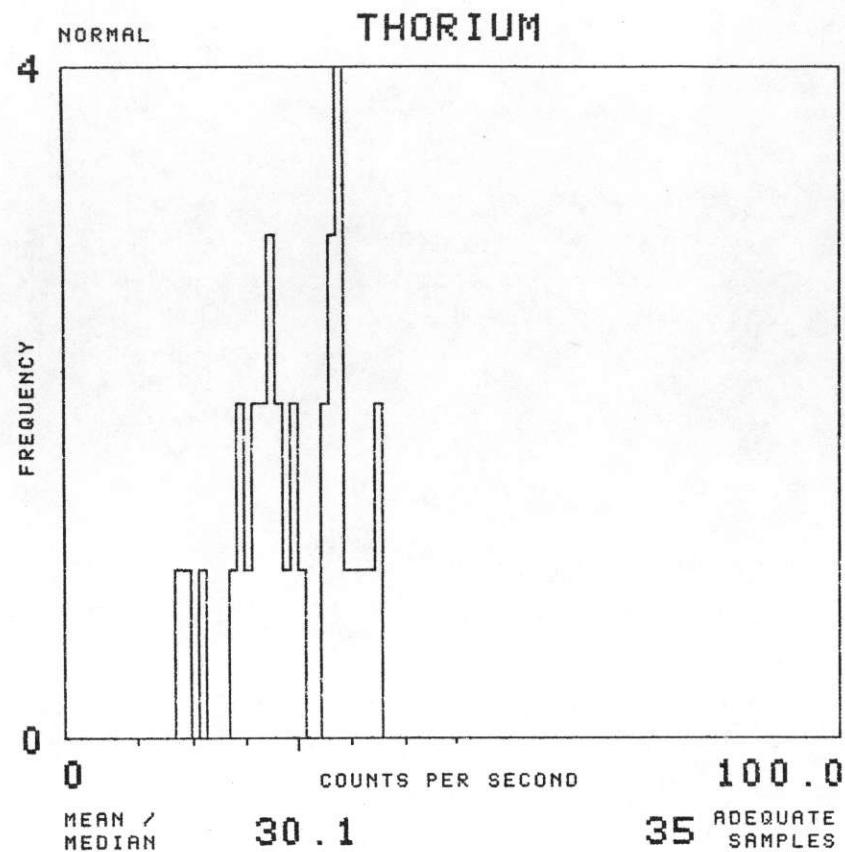
NTMS NK 14-9 FREMONT

SOIL GROUP : LPSA

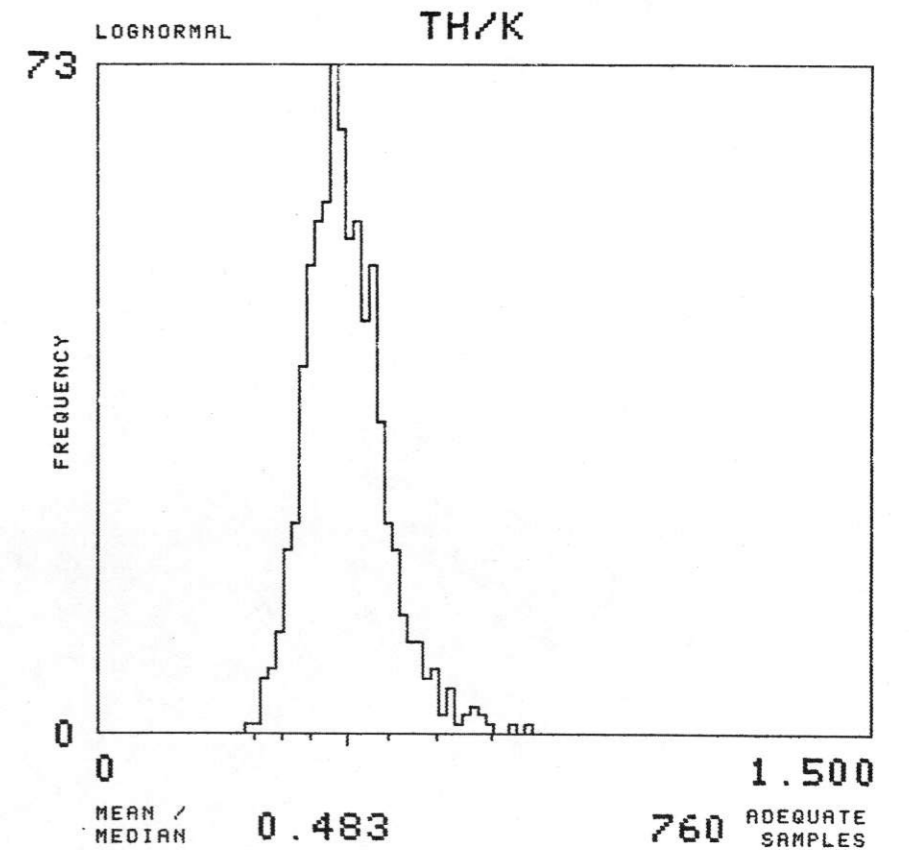
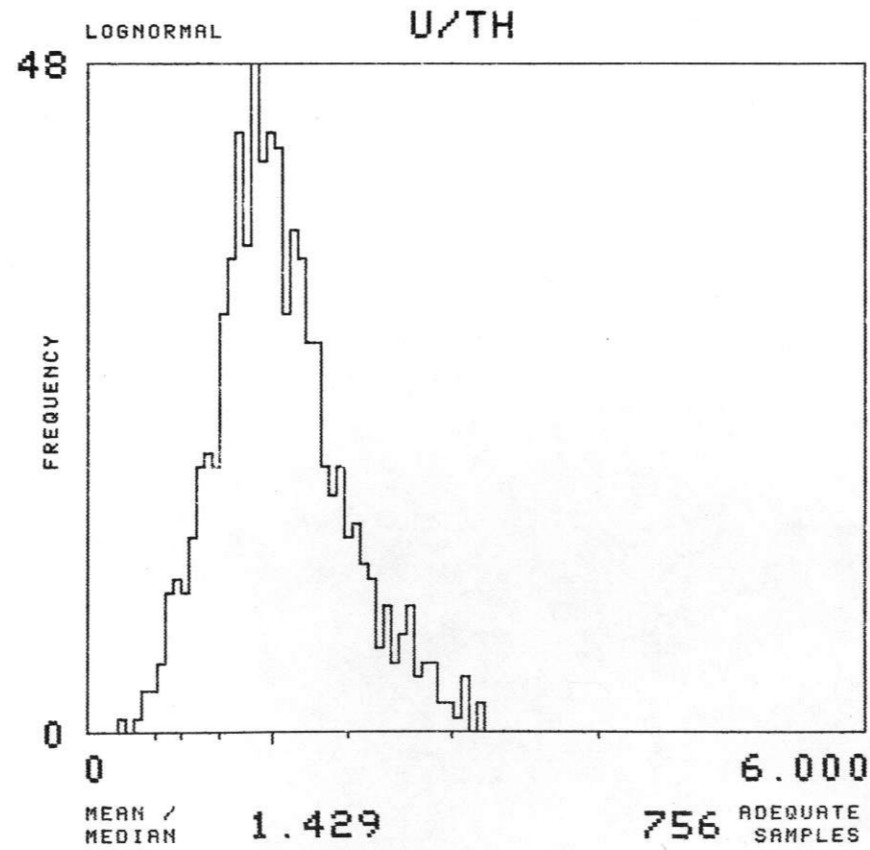
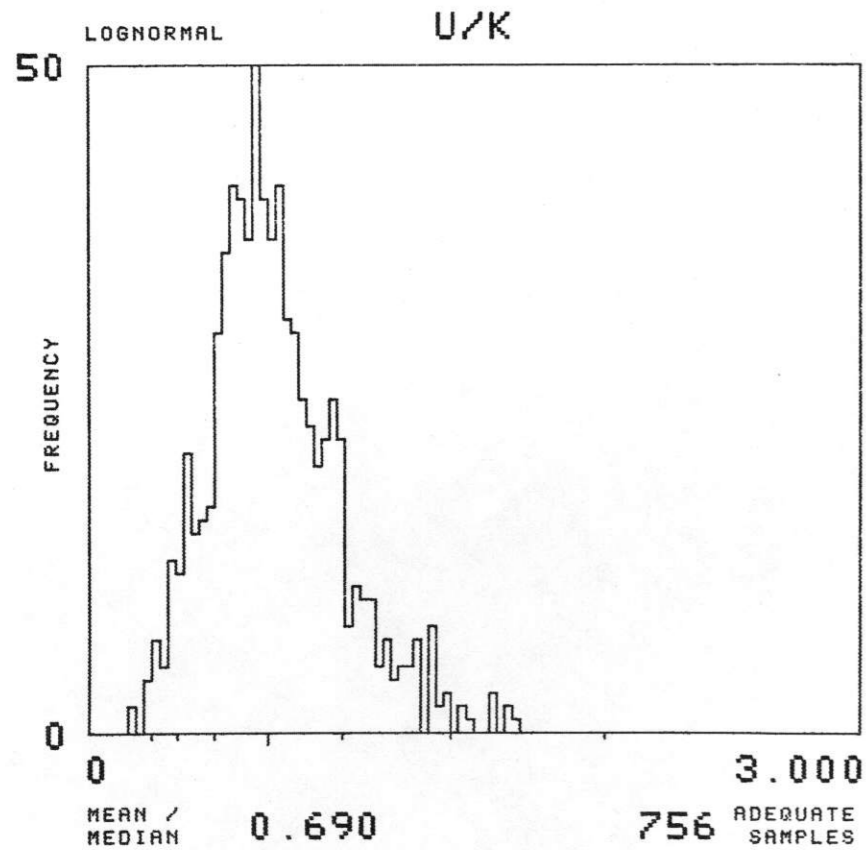
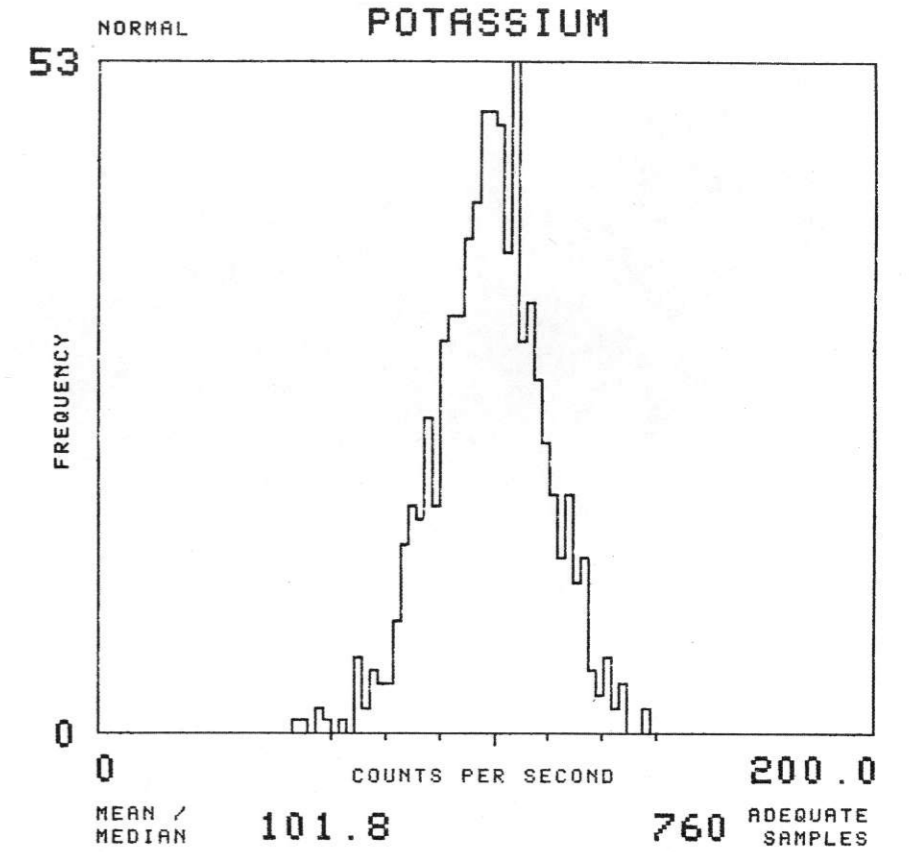
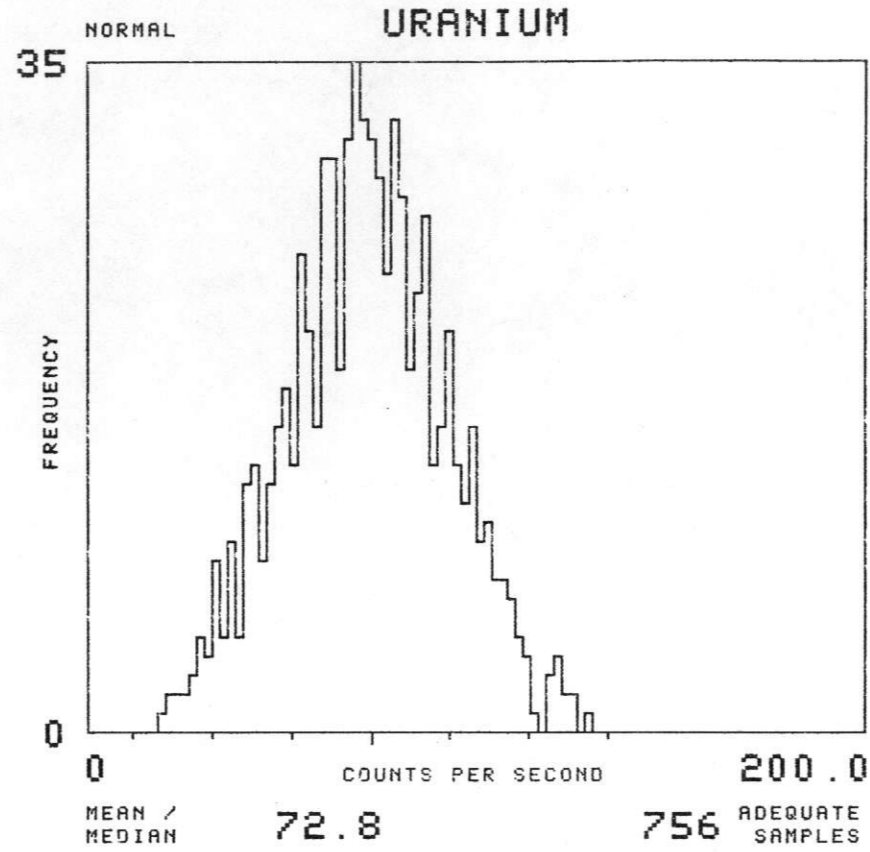
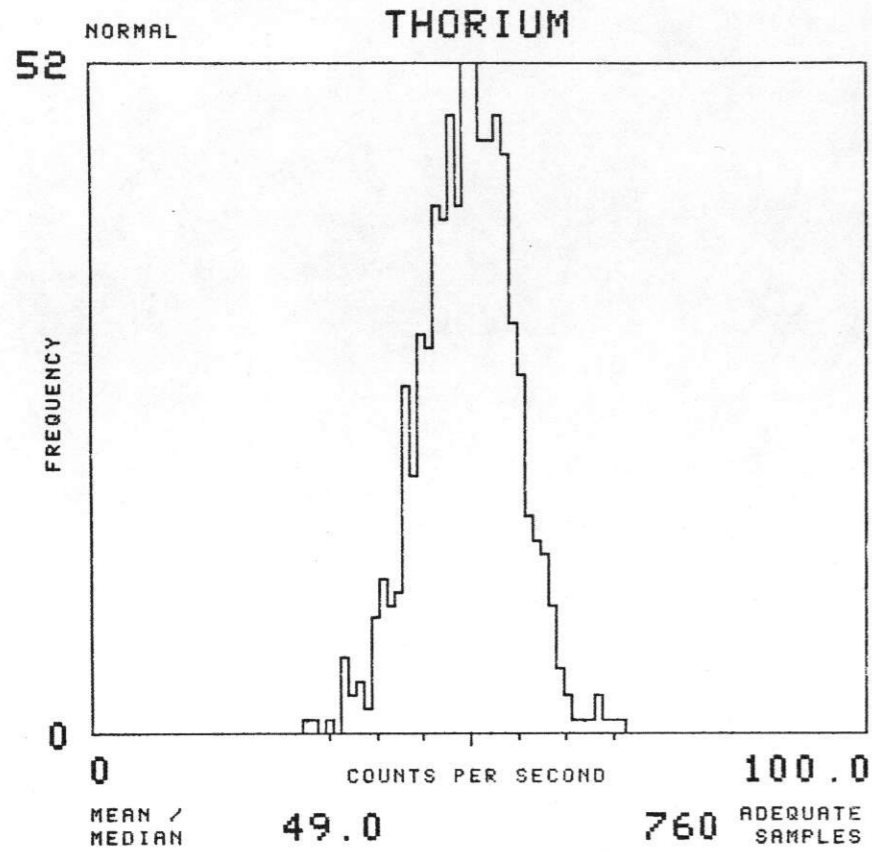
TOTAL NUMBER OF SAMPLES

35

EAST SALINA BASIN - GEOMETRICS 1977



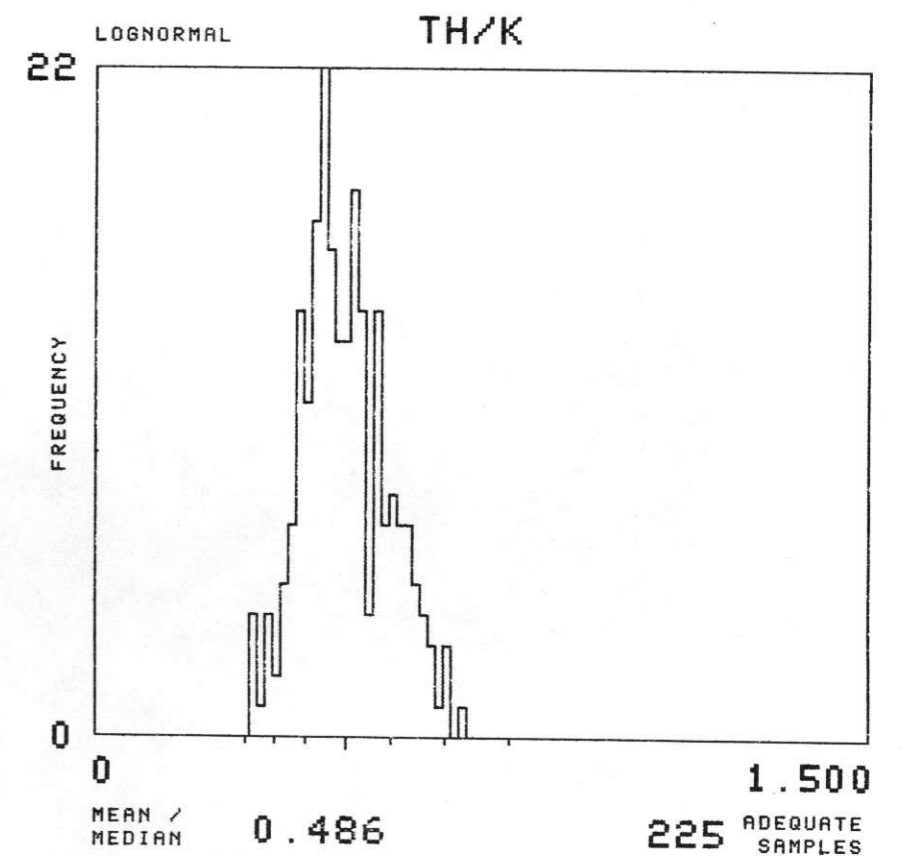
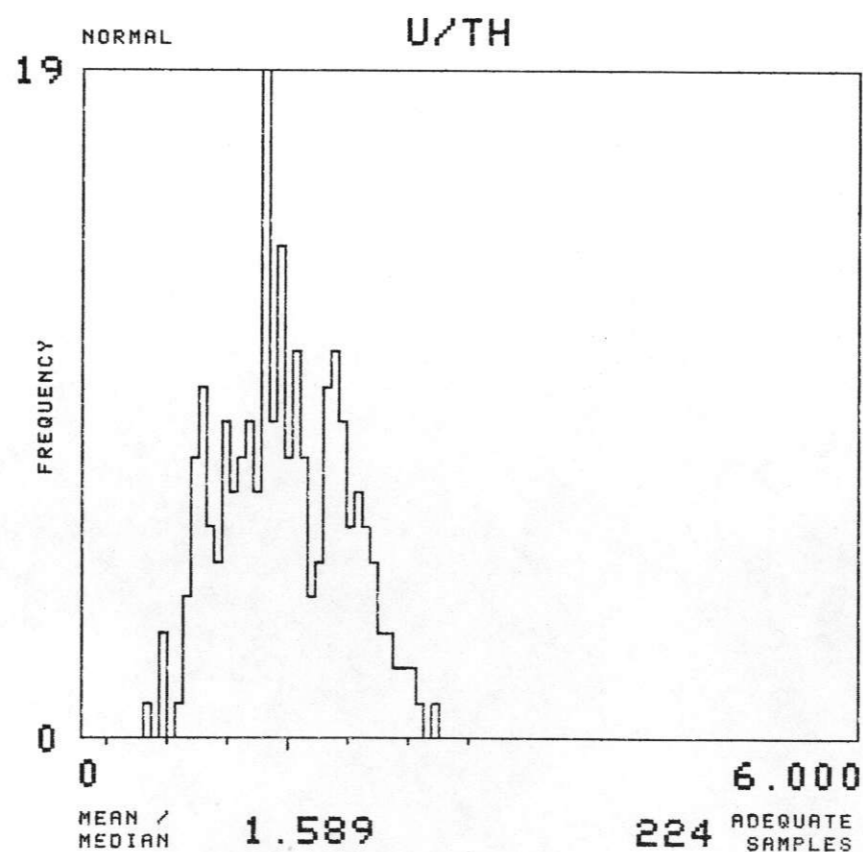
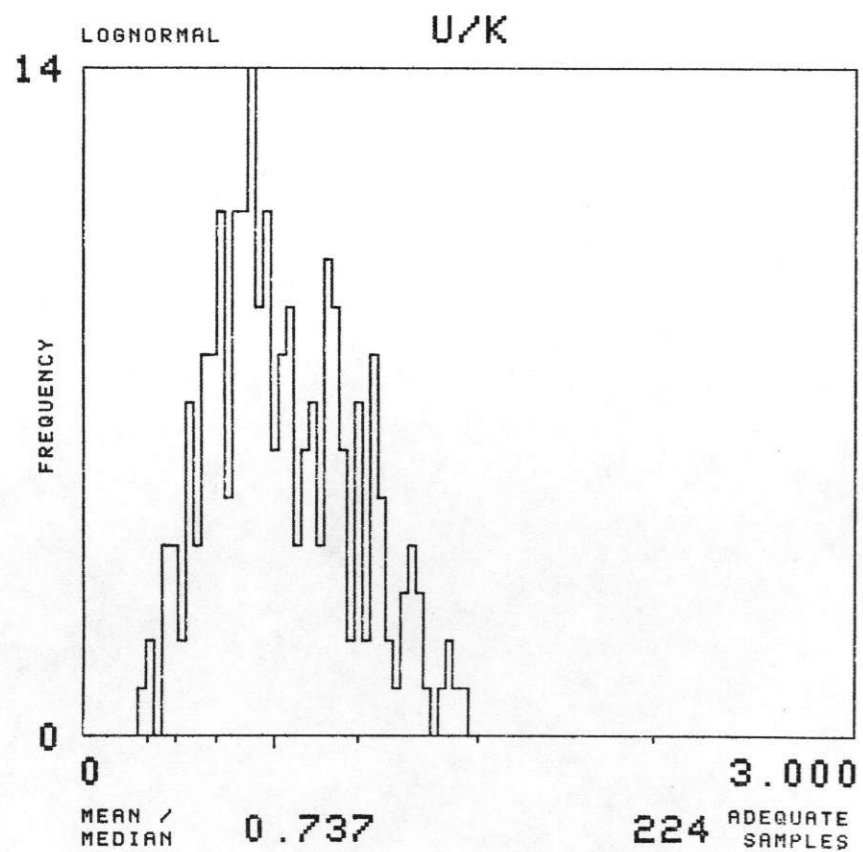
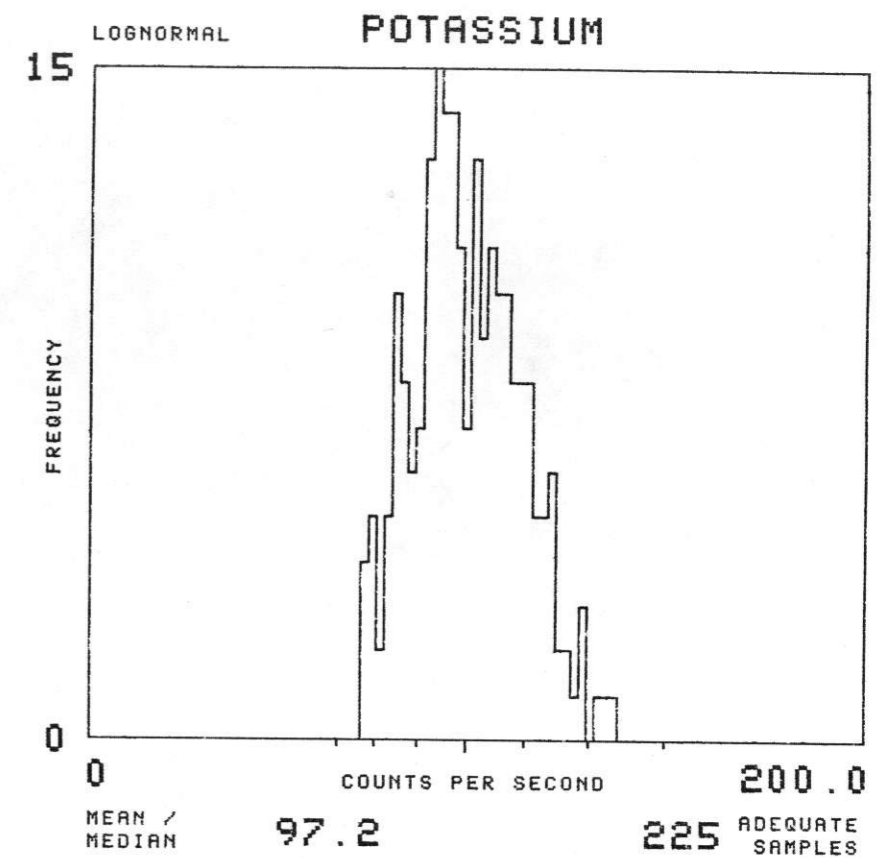
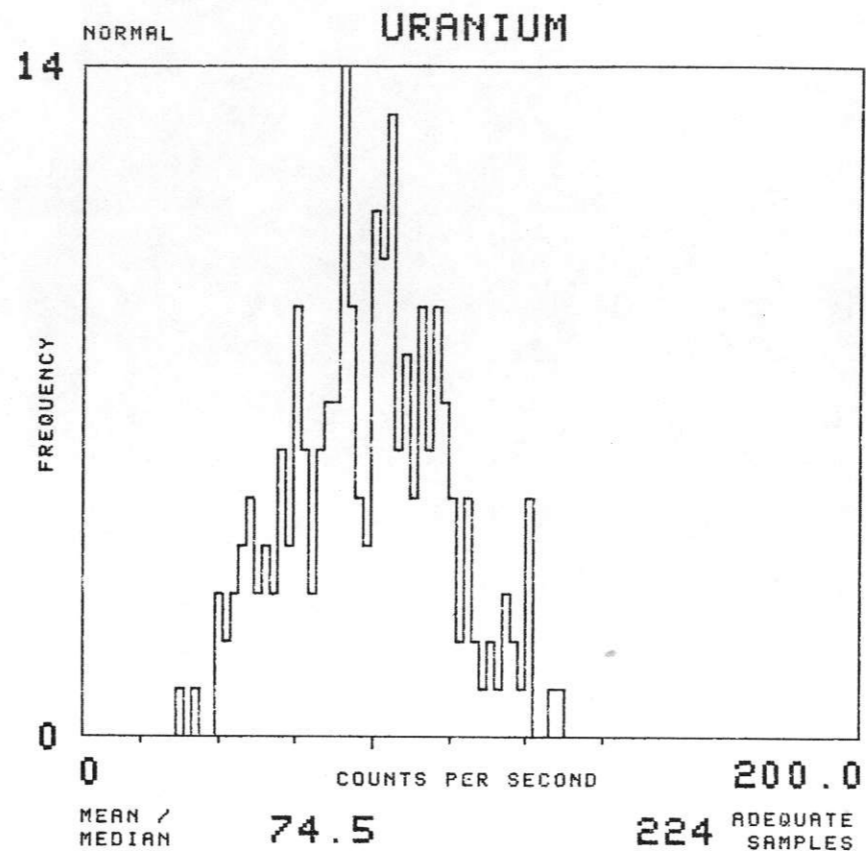
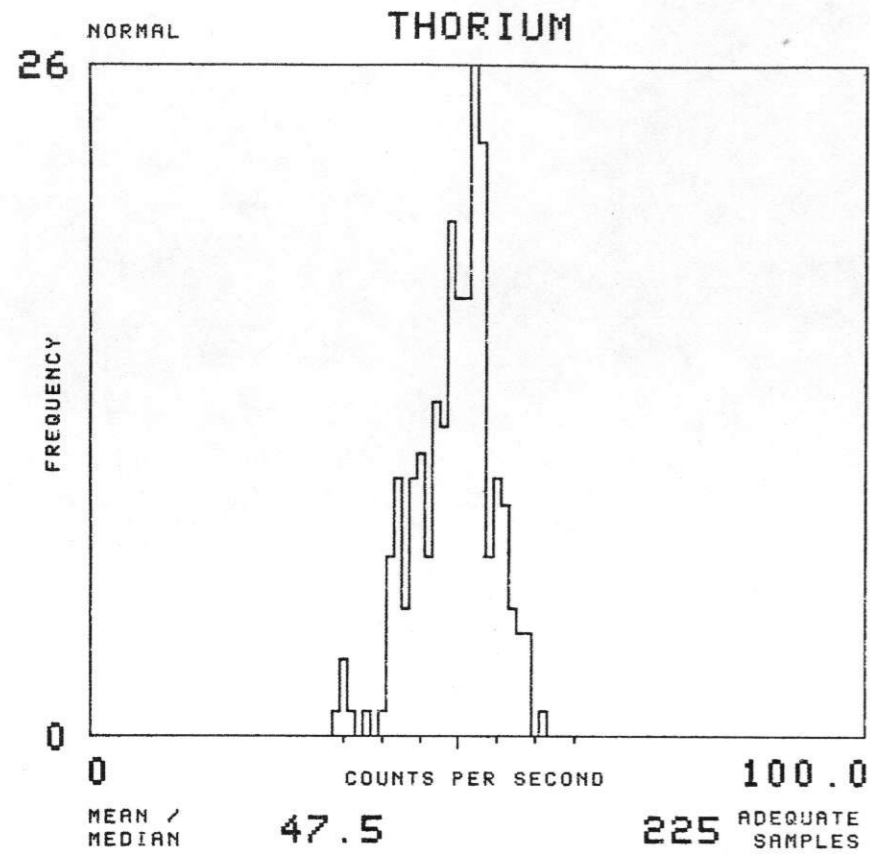


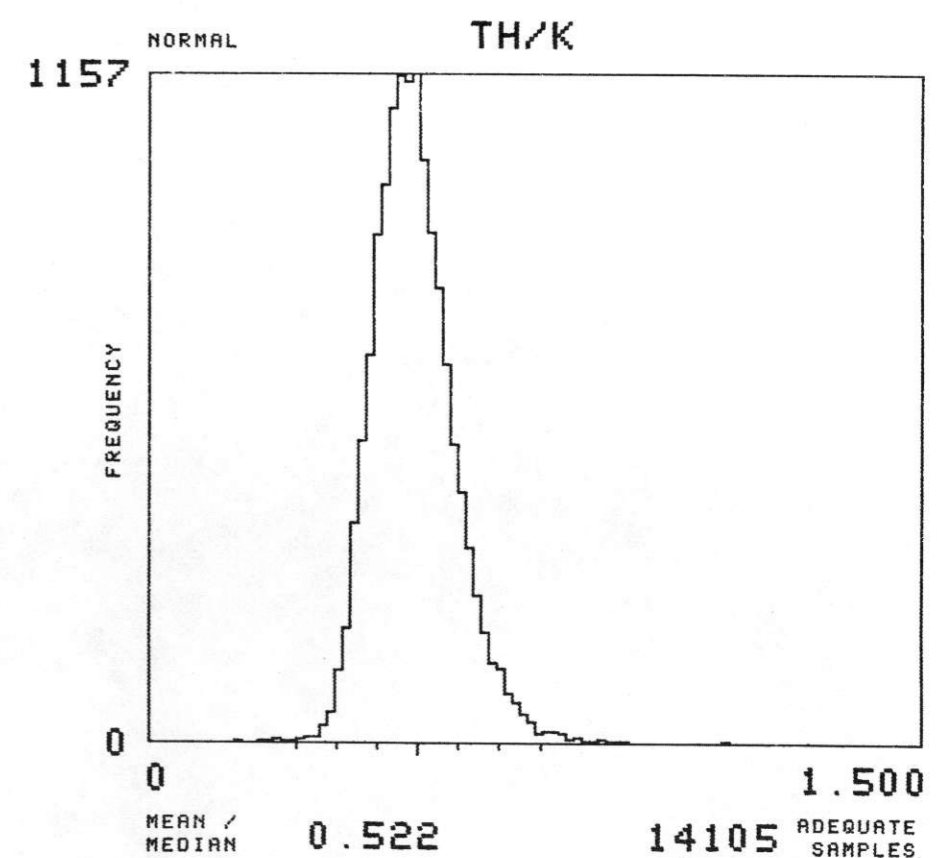
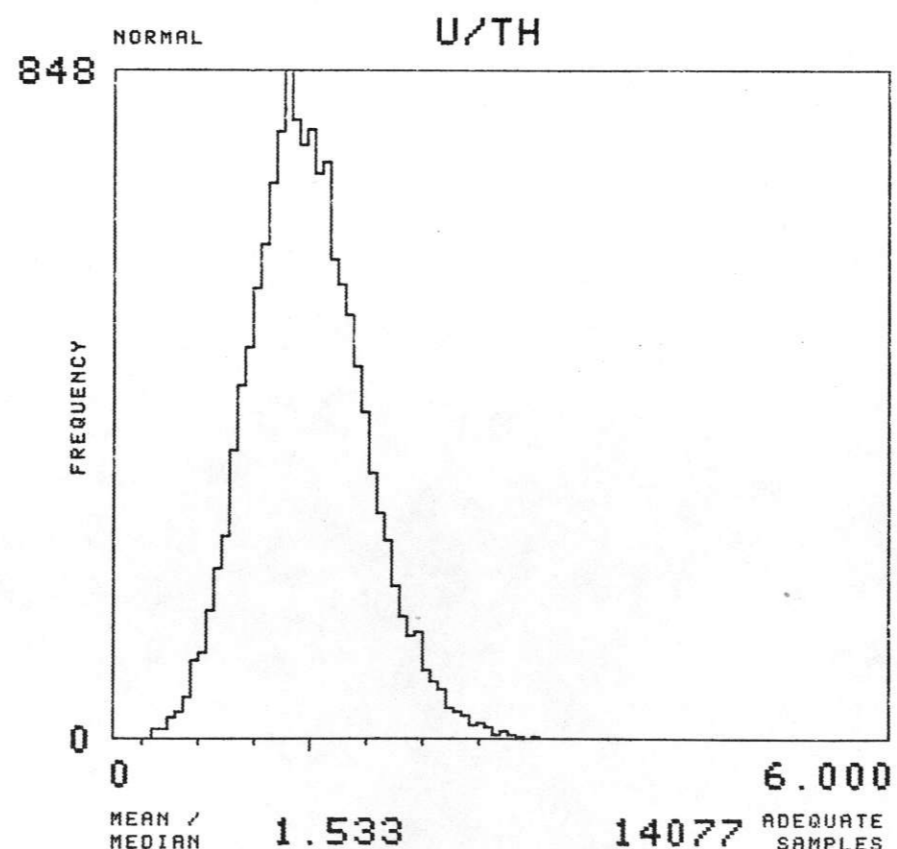
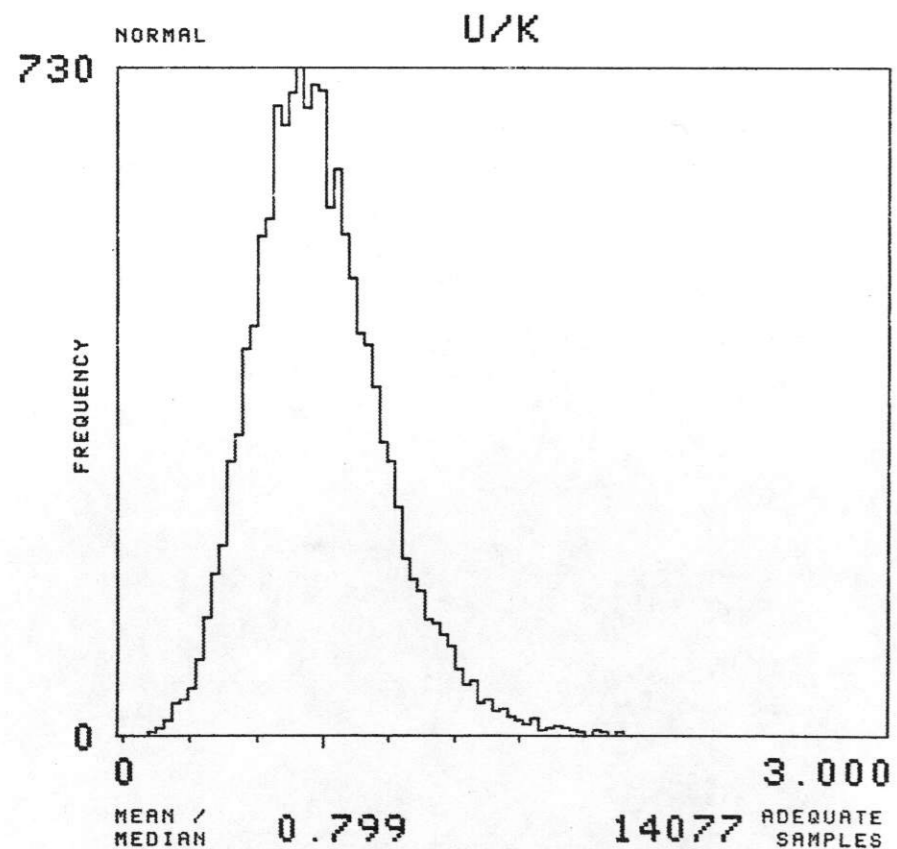
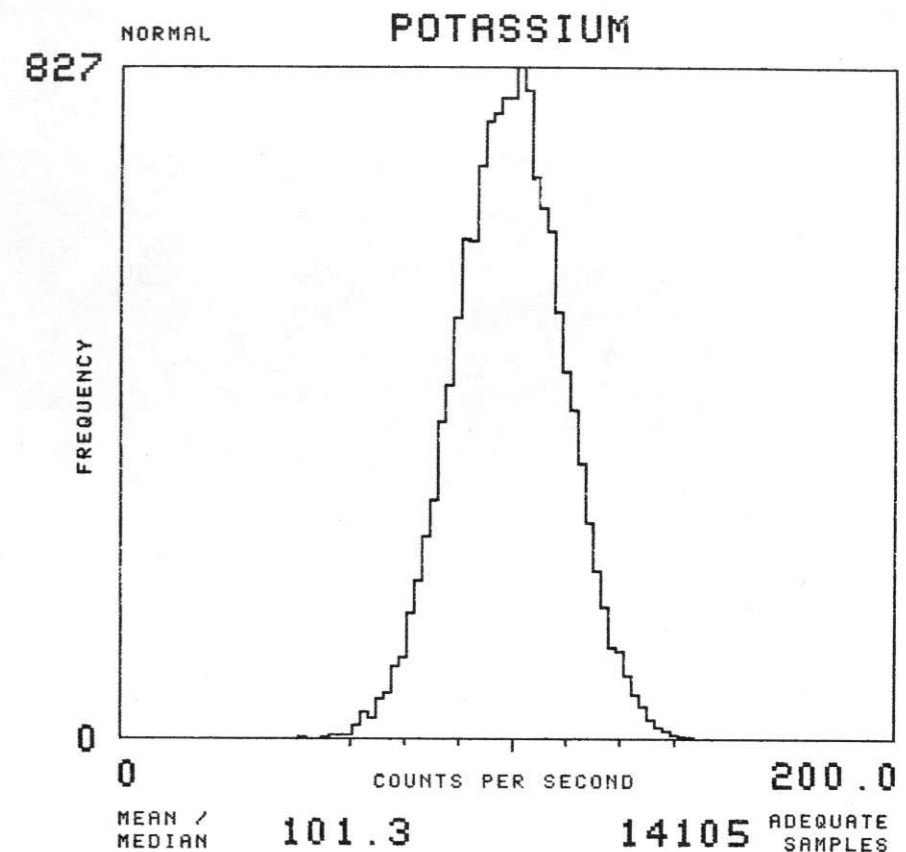
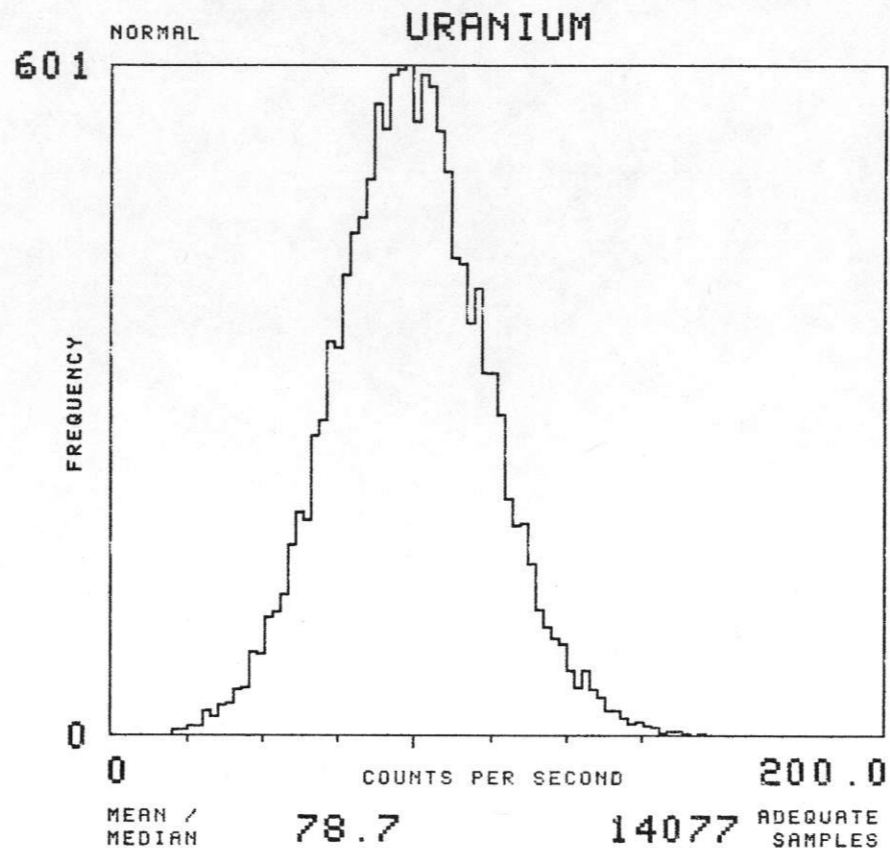
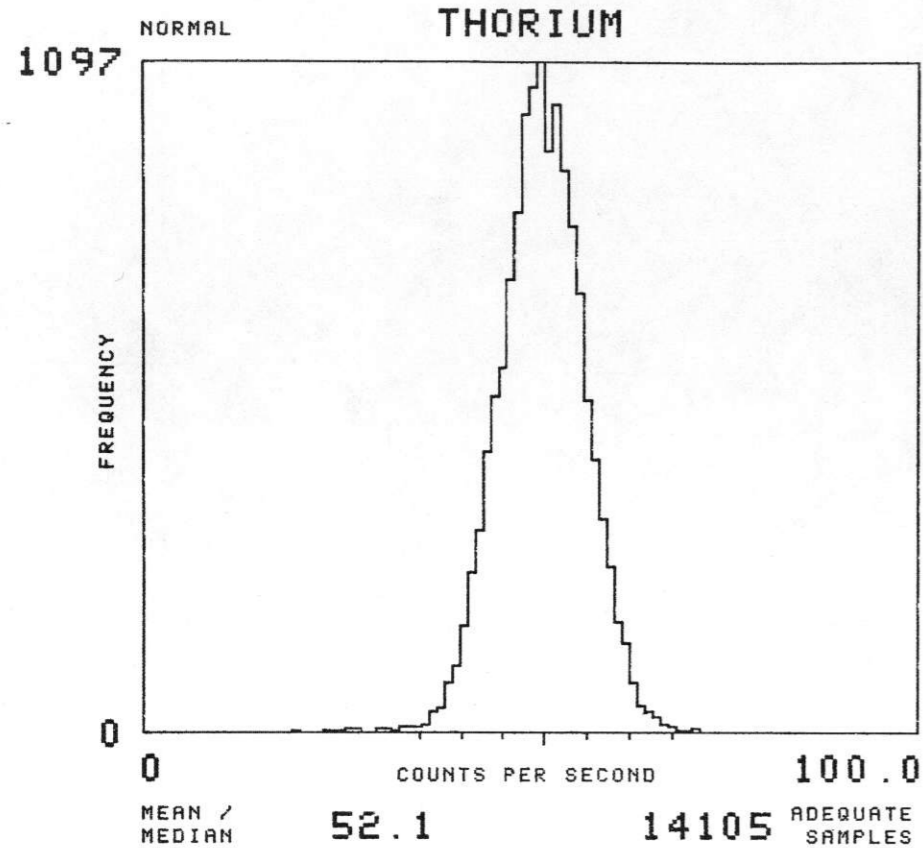


NTMS NK 14-9 FREMONT

SOIL GROUP : LUV0 TOTAL NUMBER OF SAMPLES 225

EAST SALINA BASIN - GEOMETRICS 1977

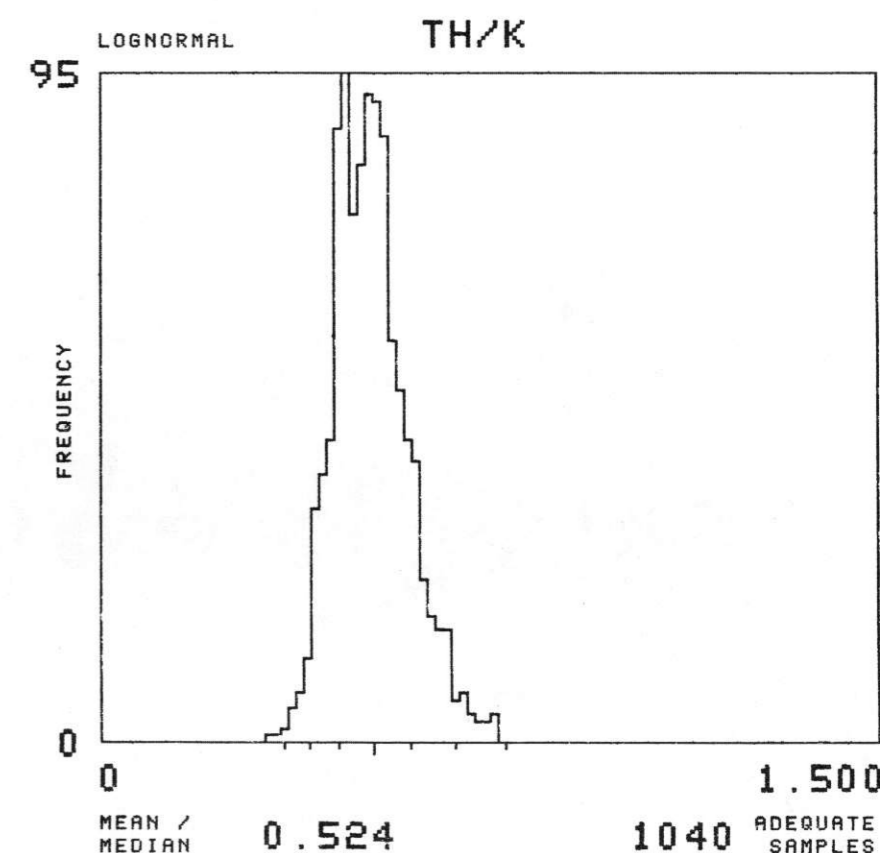
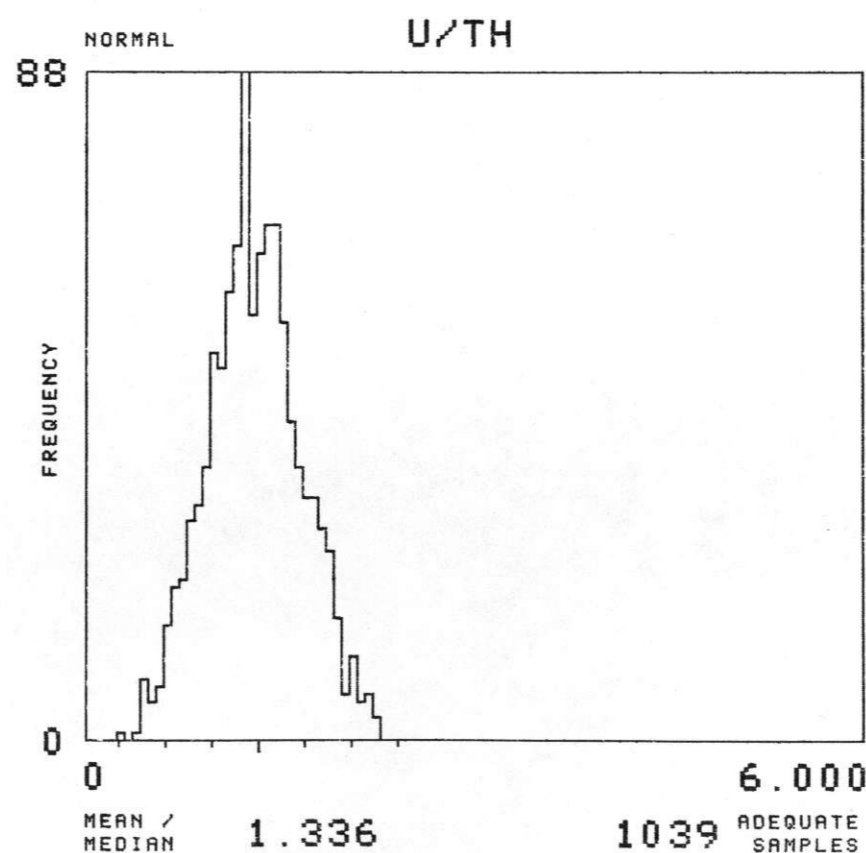
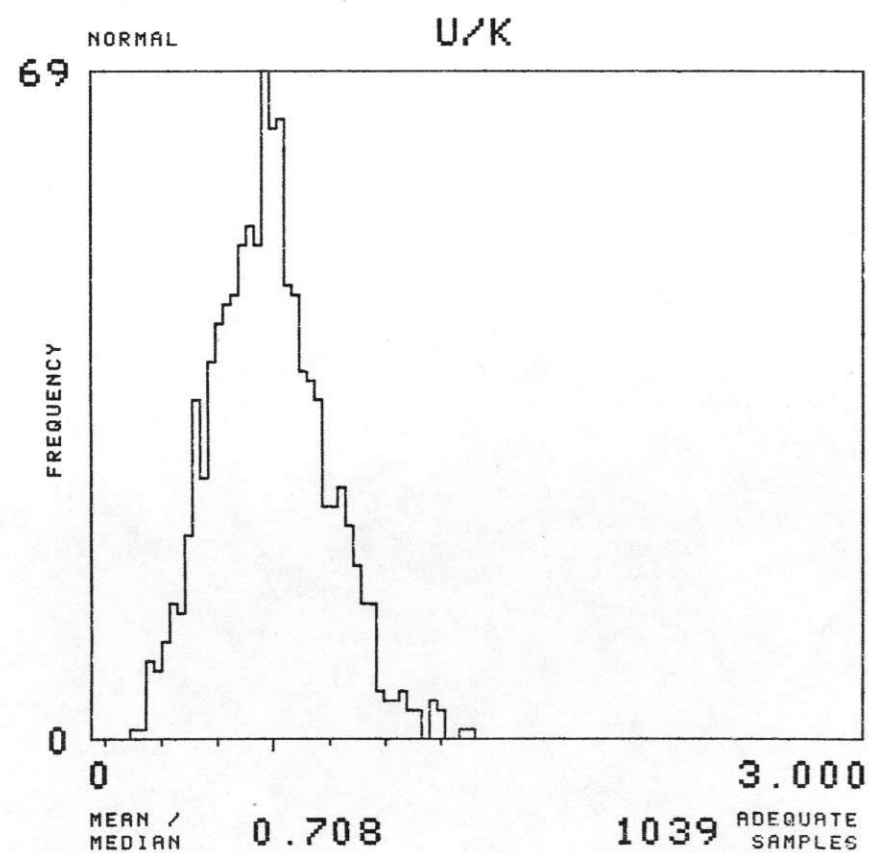
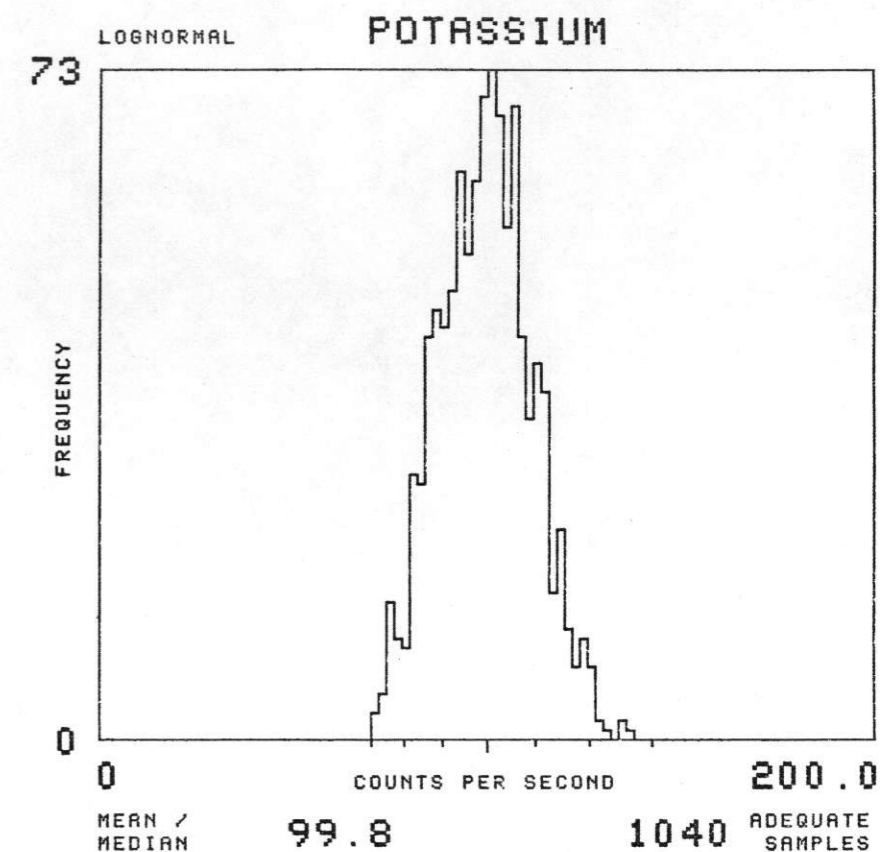
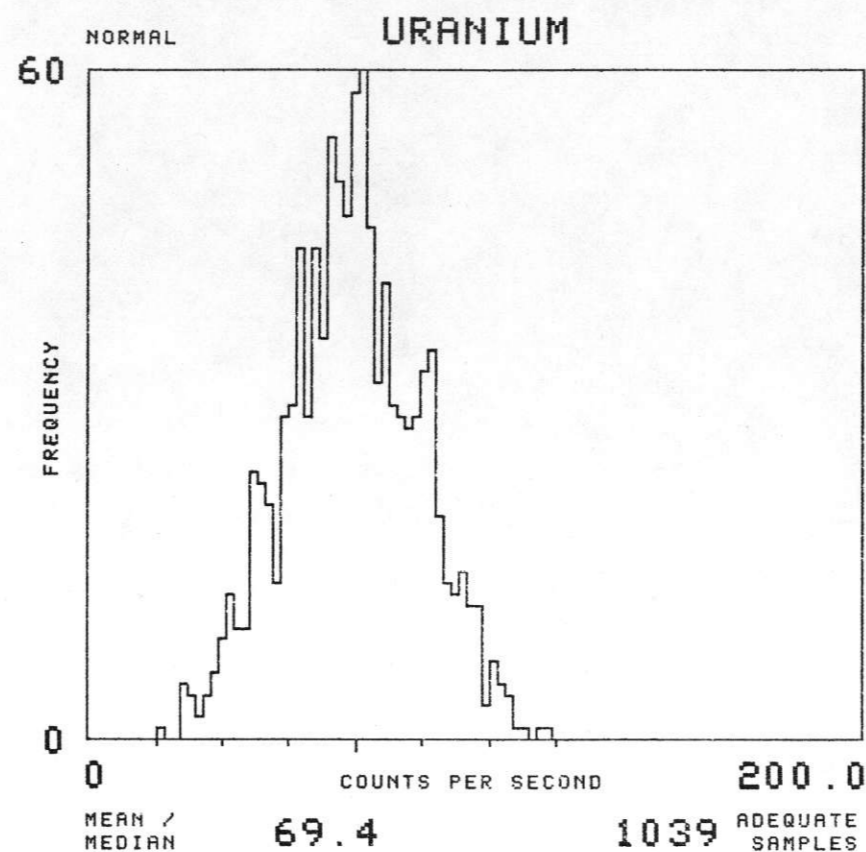
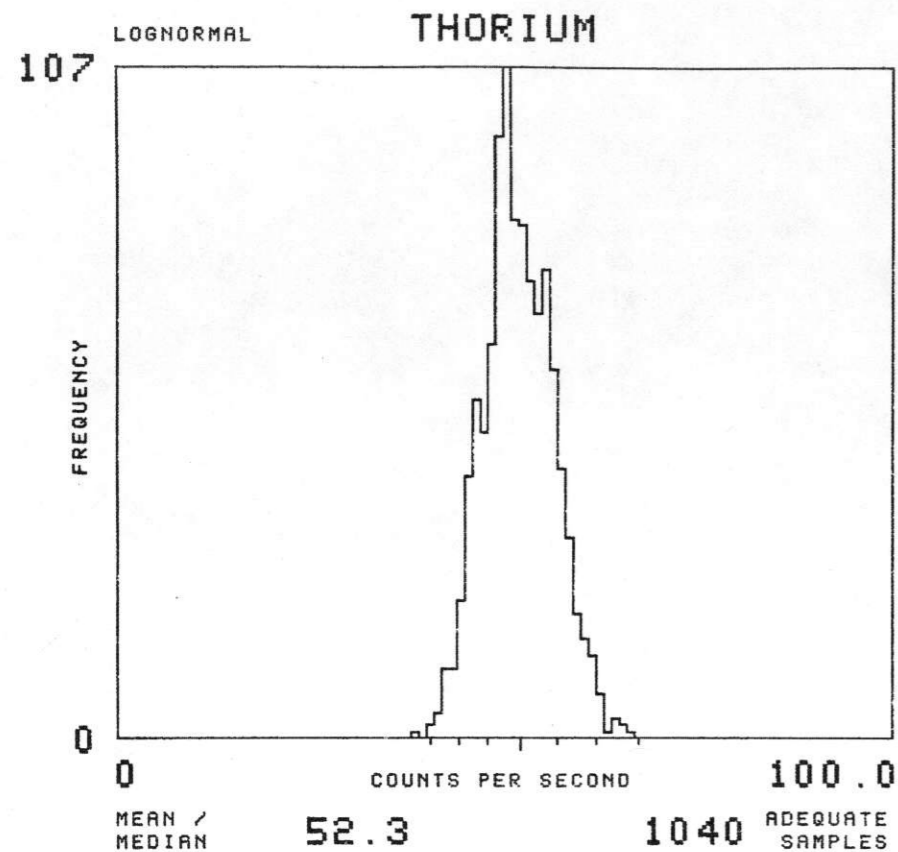


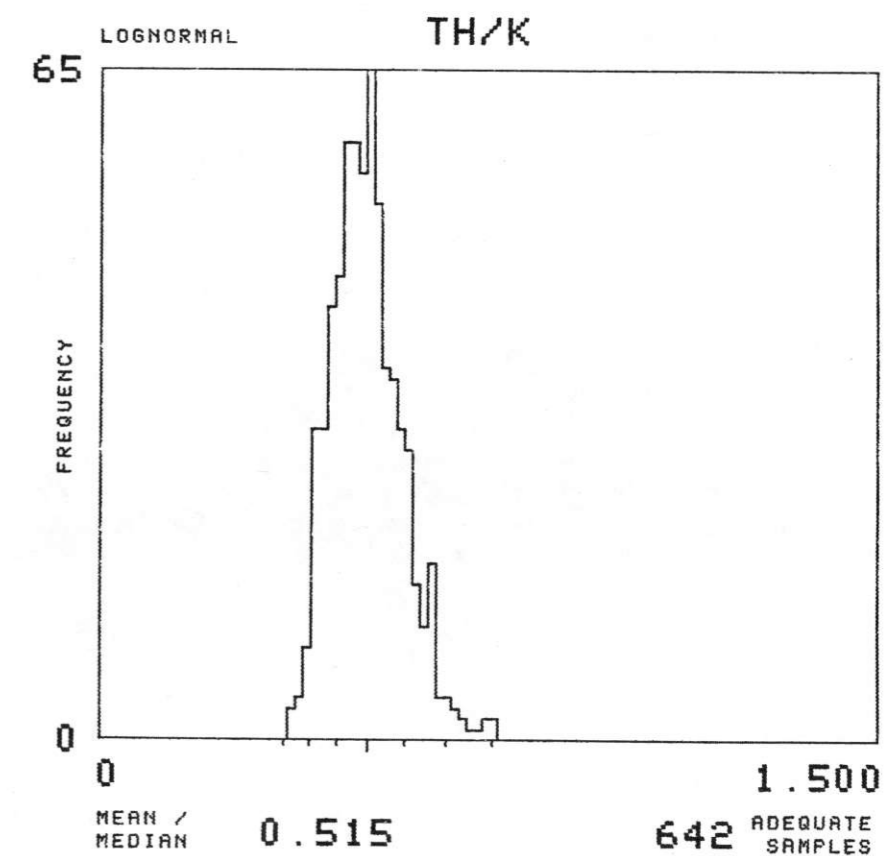
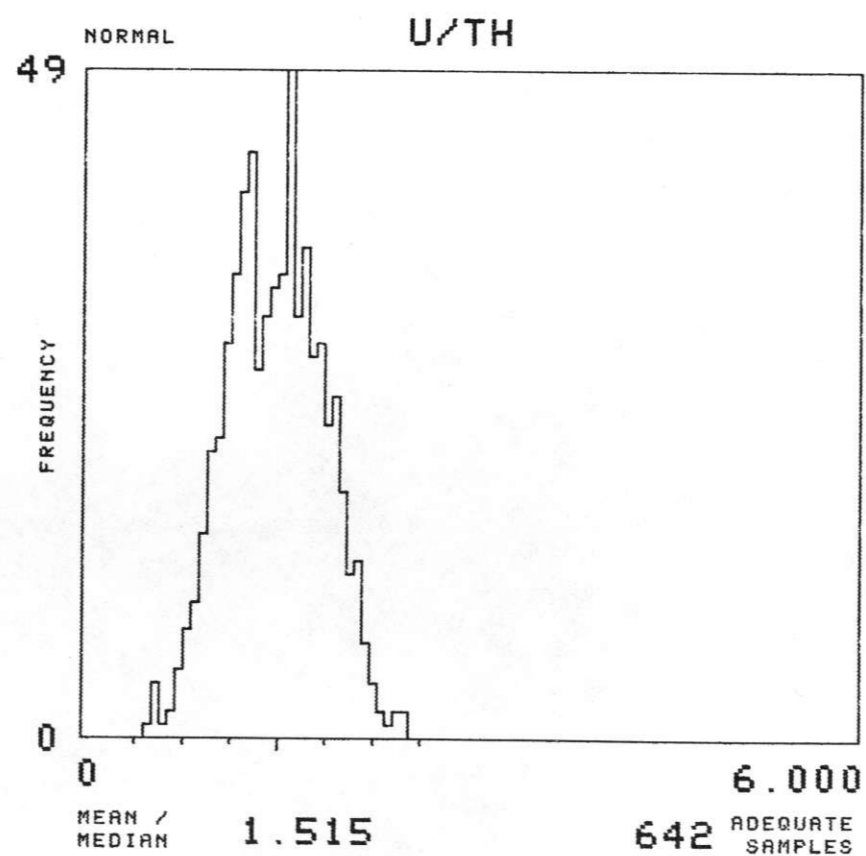
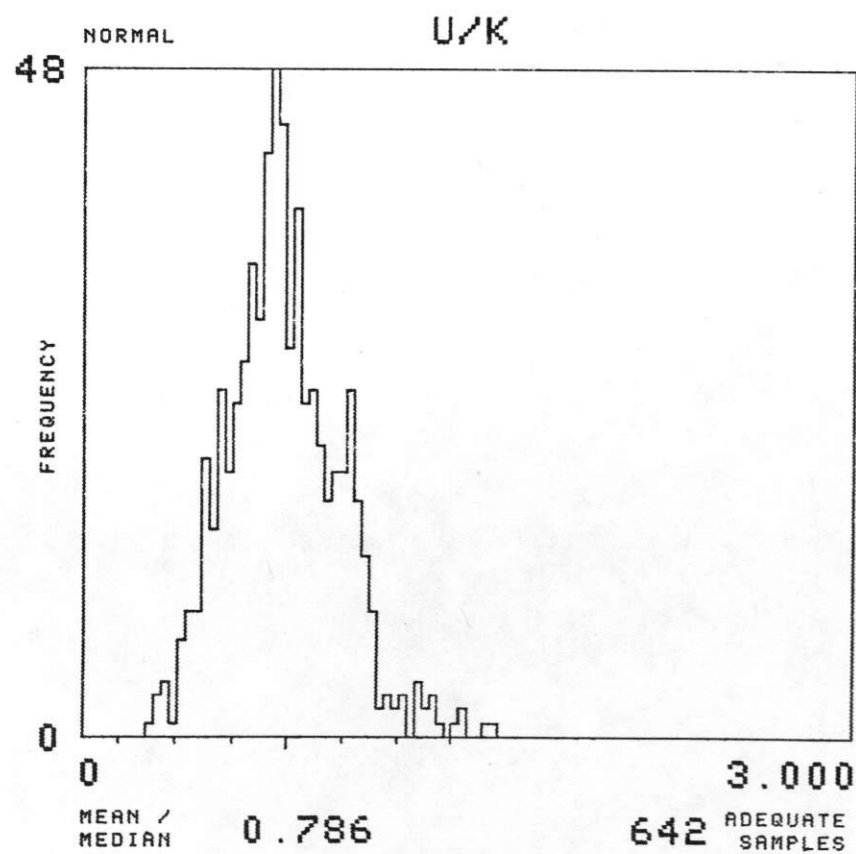
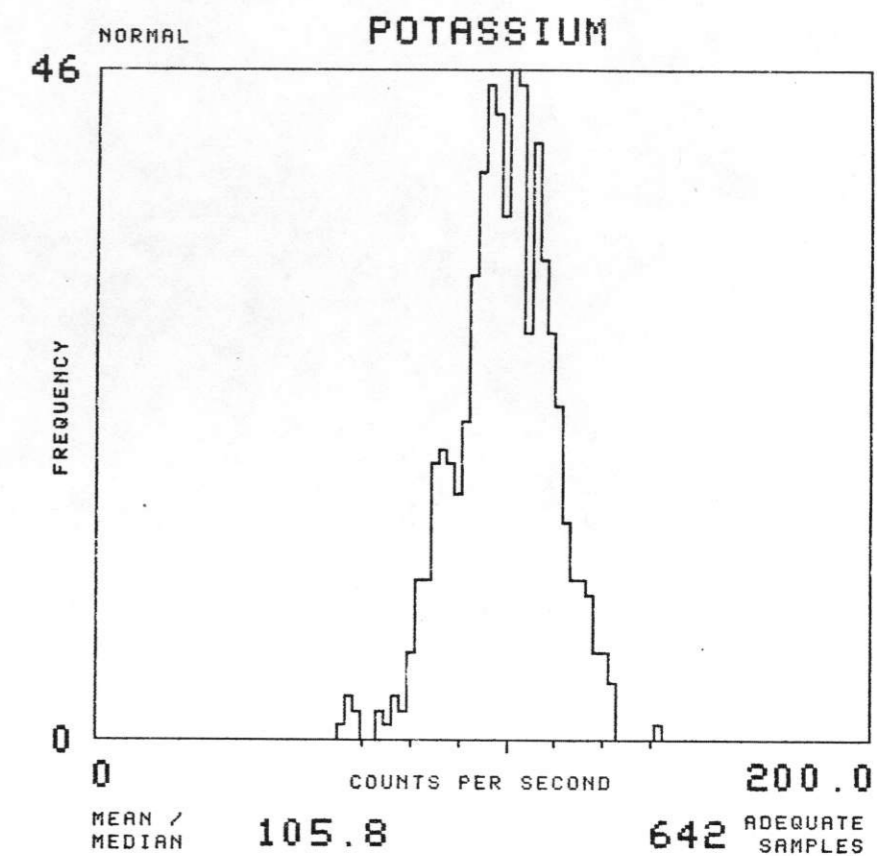
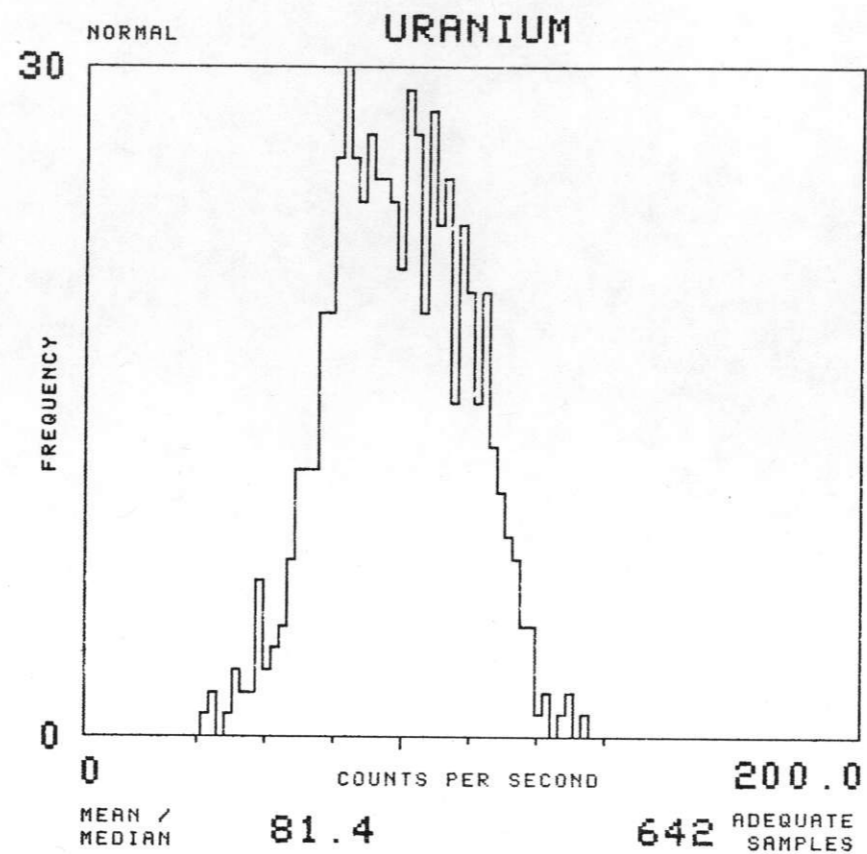
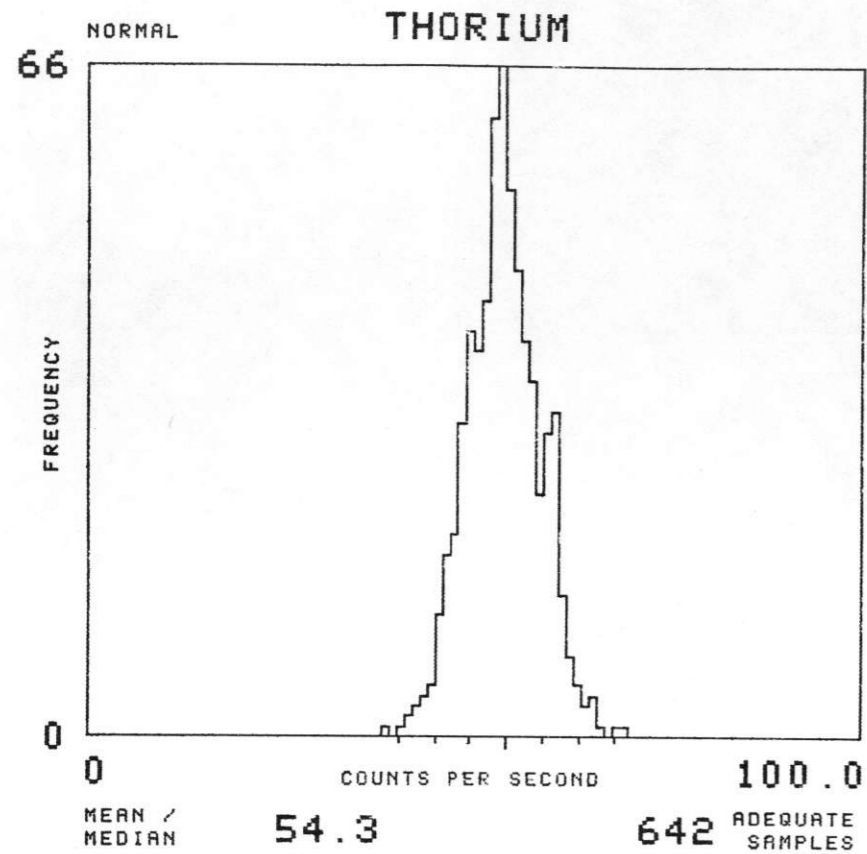


NTMS NK 14-9 FREMONT

SOIL GROUP : MD TOTAL NUMBER OF SAMPLES 1040

EAST SALINA BASIN - GEOMETRICS 1977

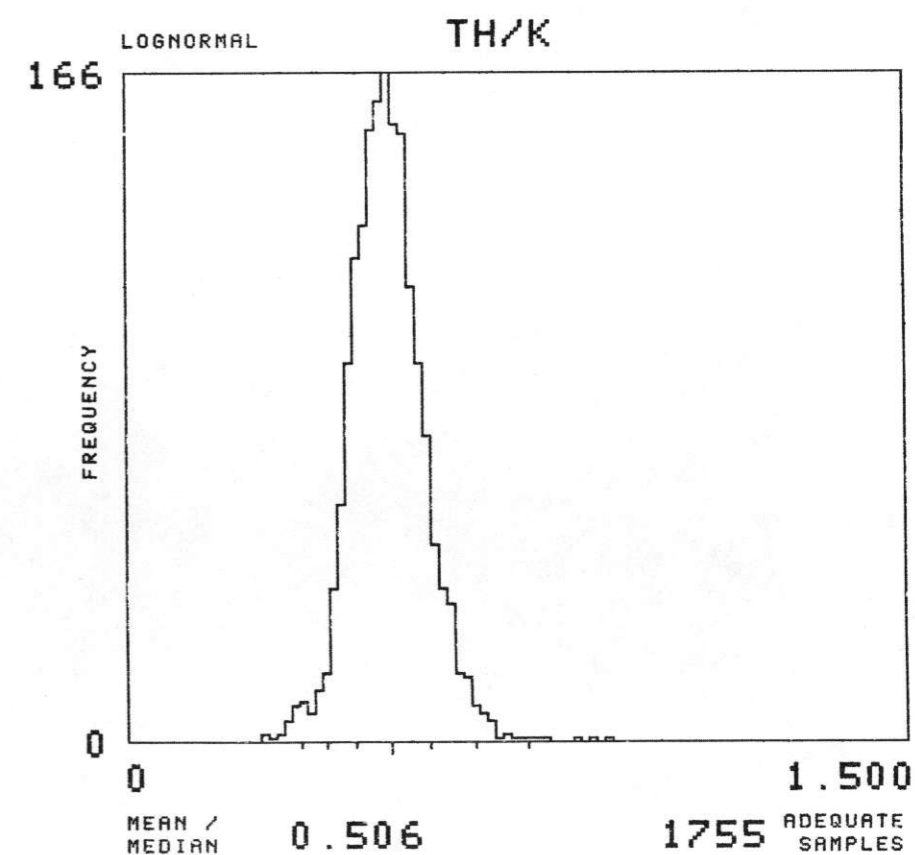
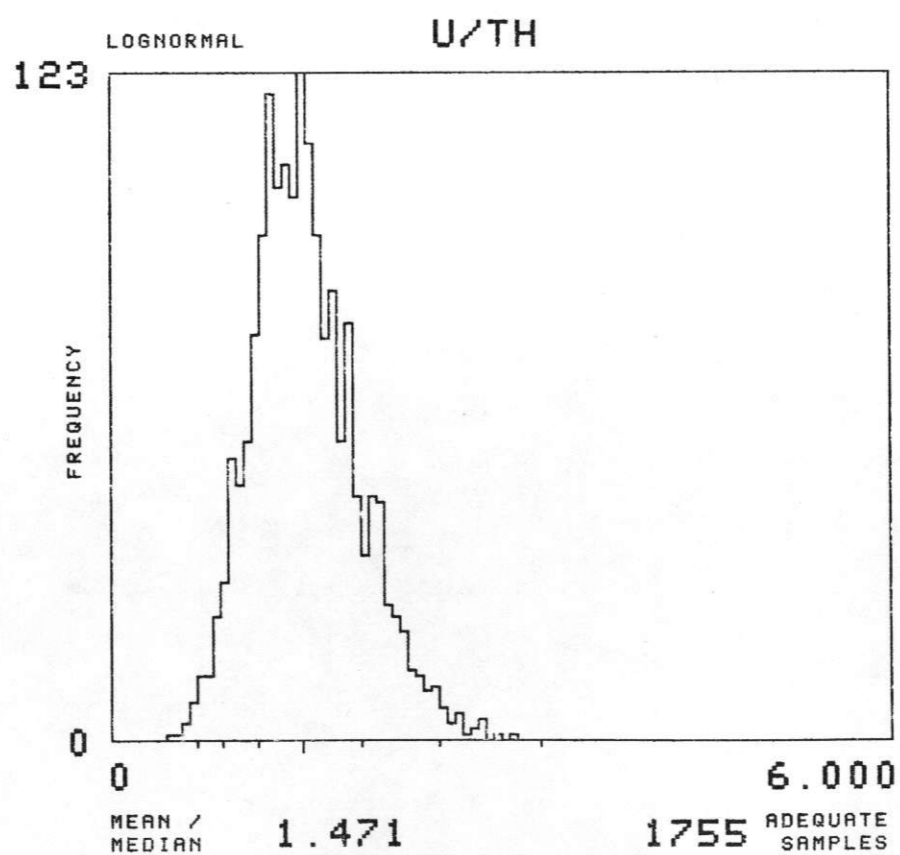
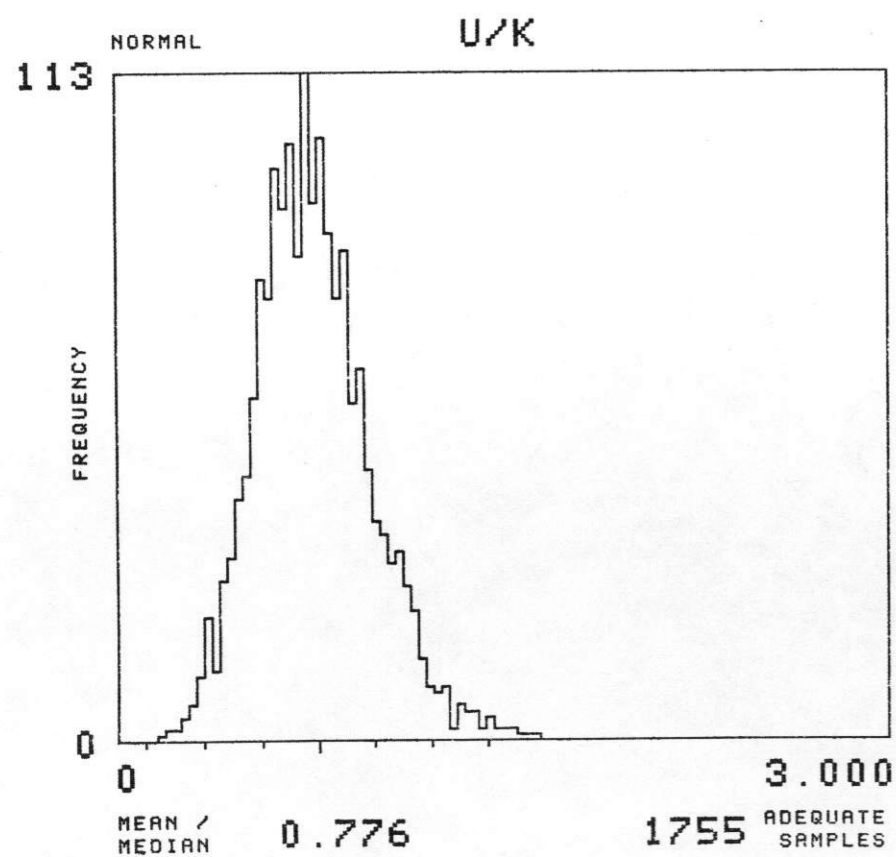
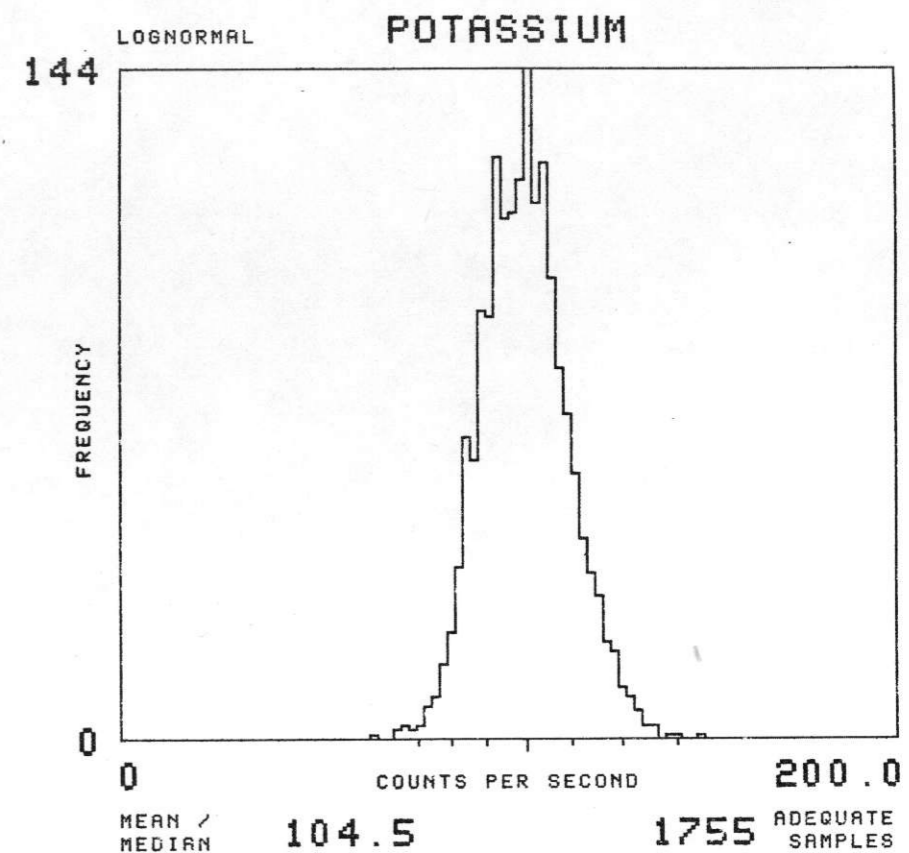
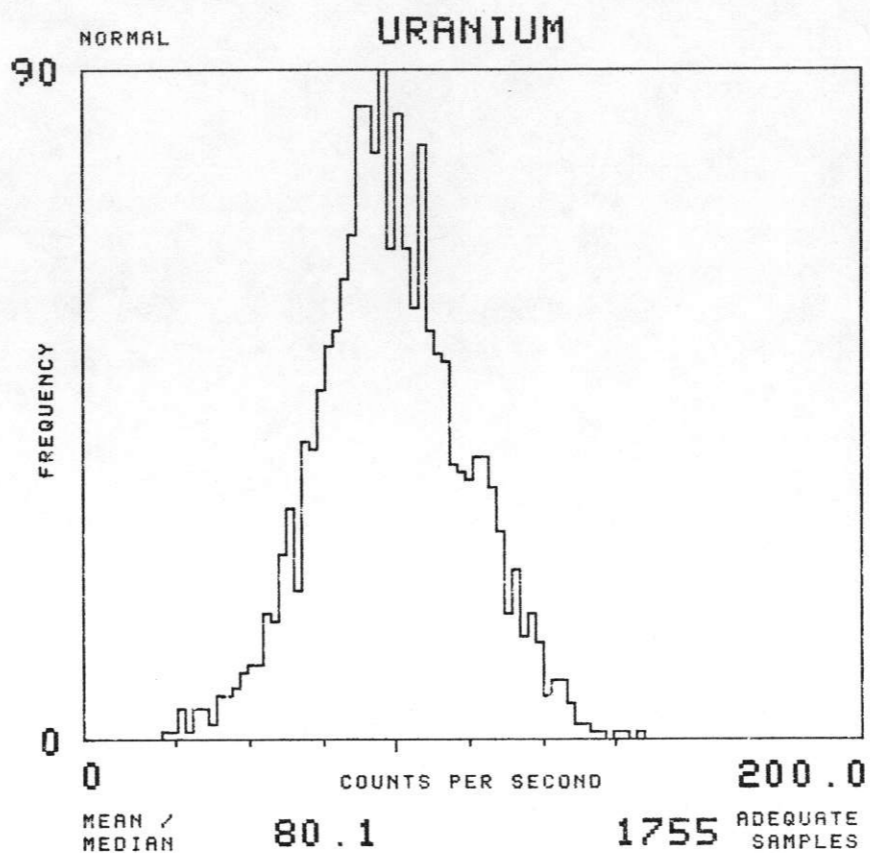
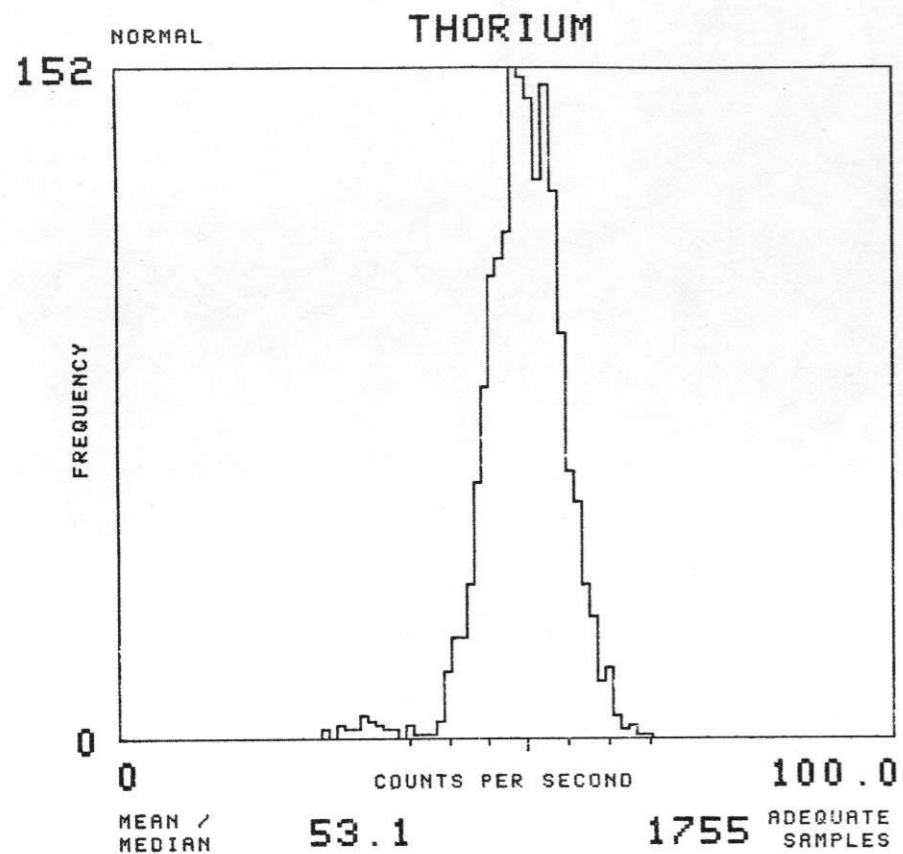




NTMS NK 14-9 FREMONT

SOIL GROUP : MDK TOTAL NUMBER OF SAMPLES 1755

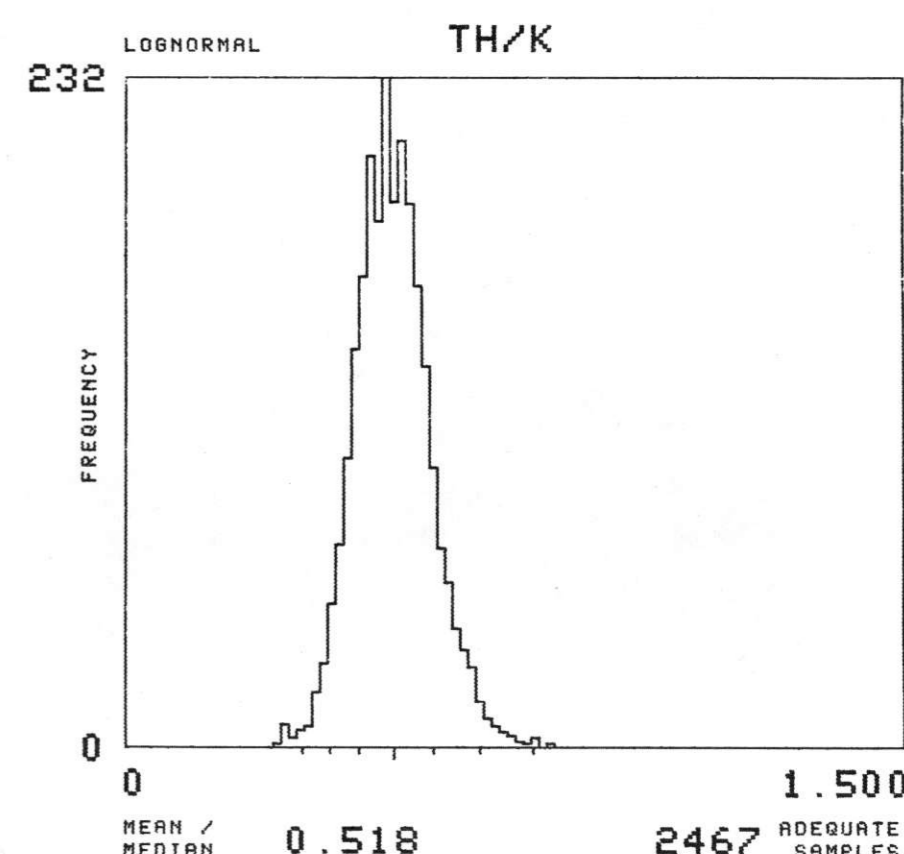
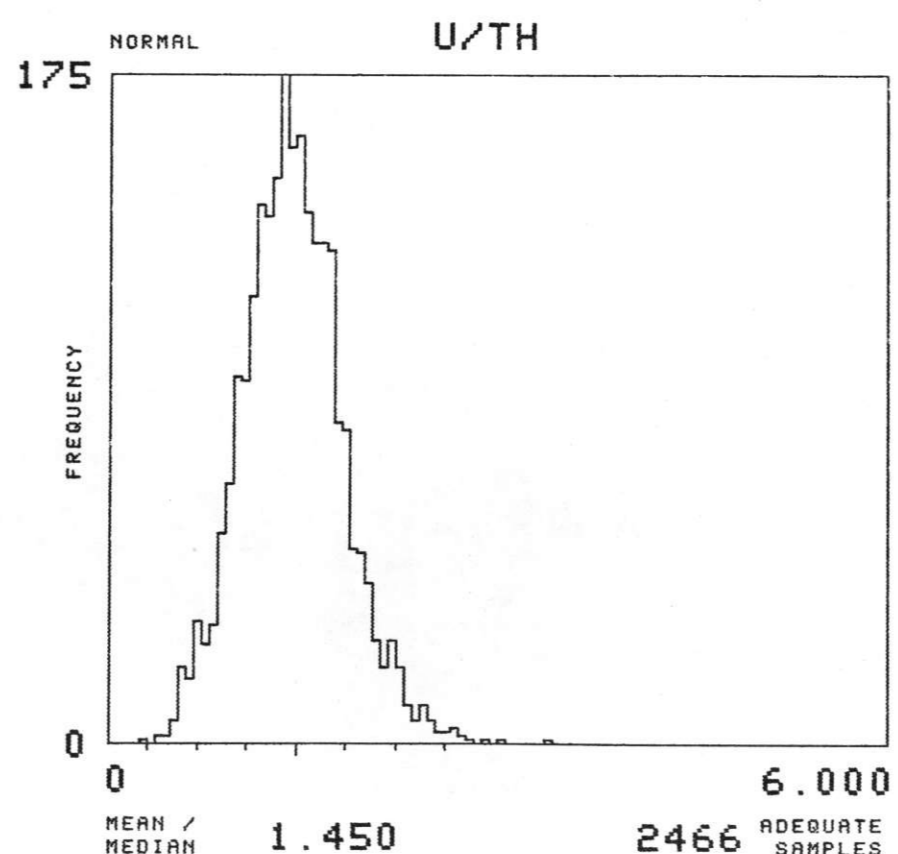
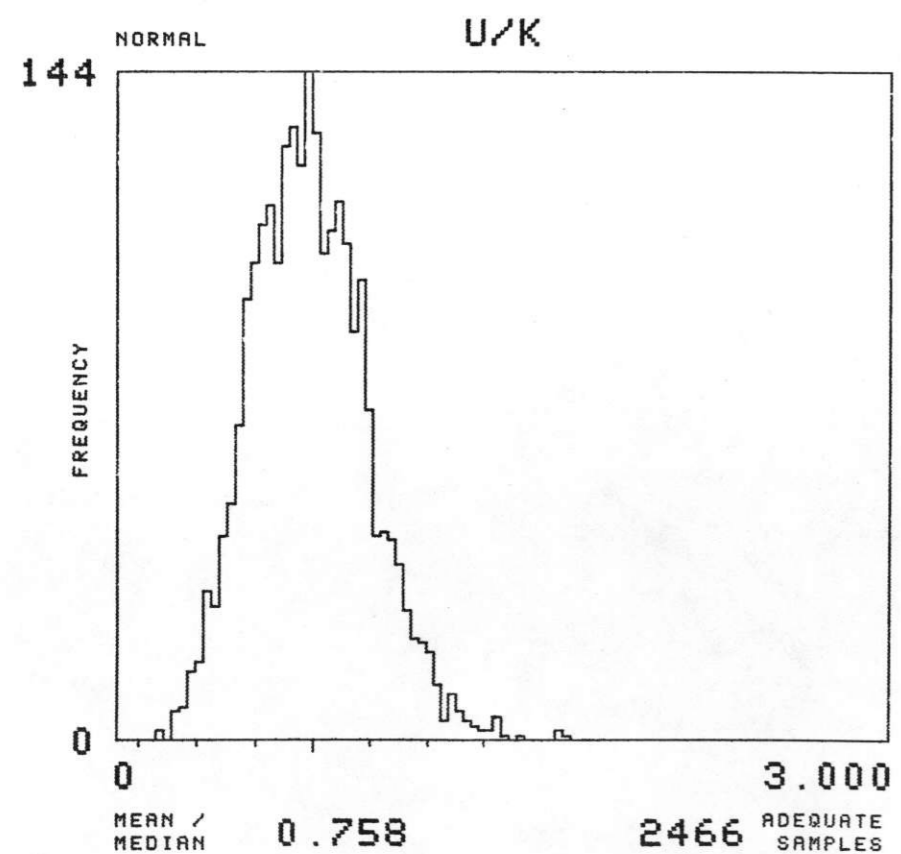
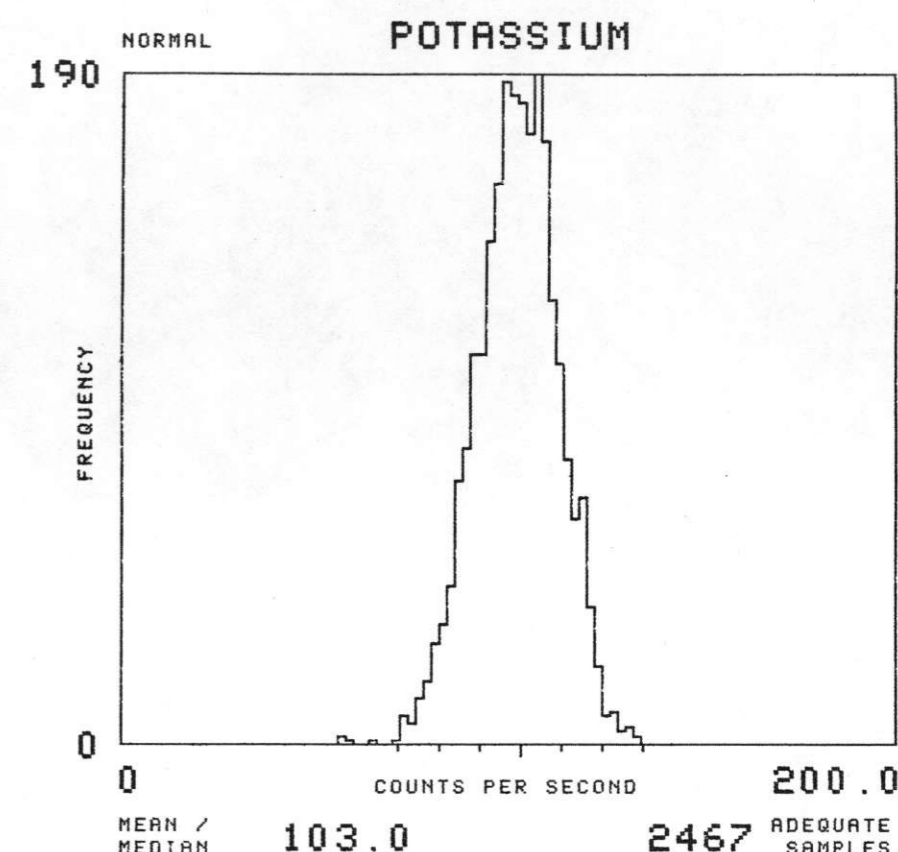
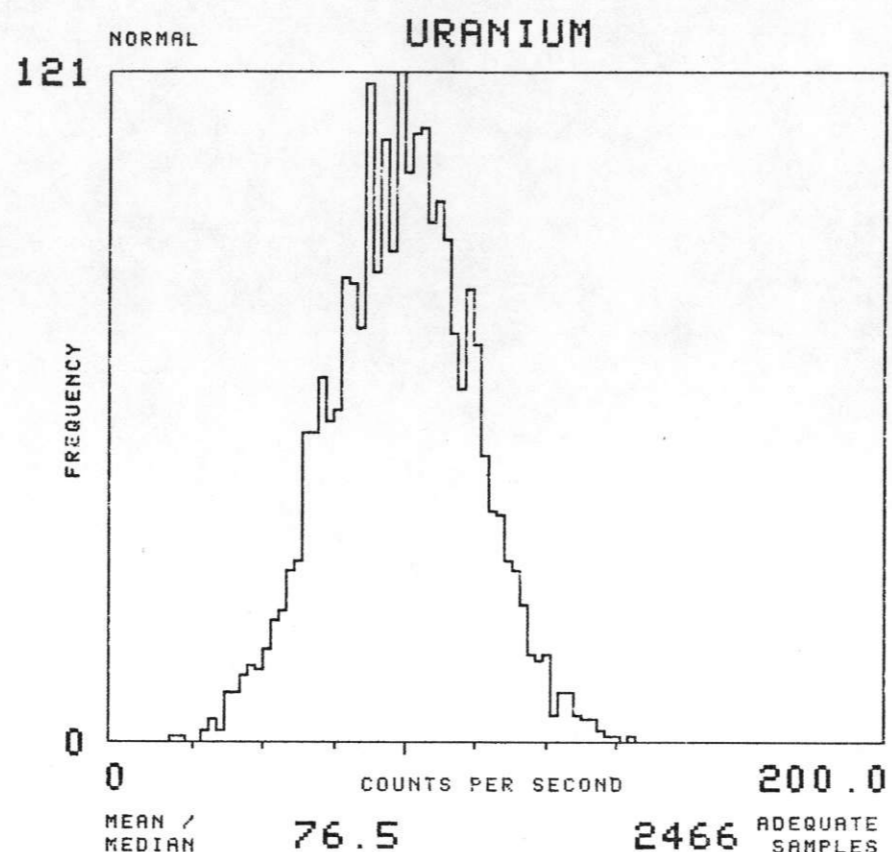
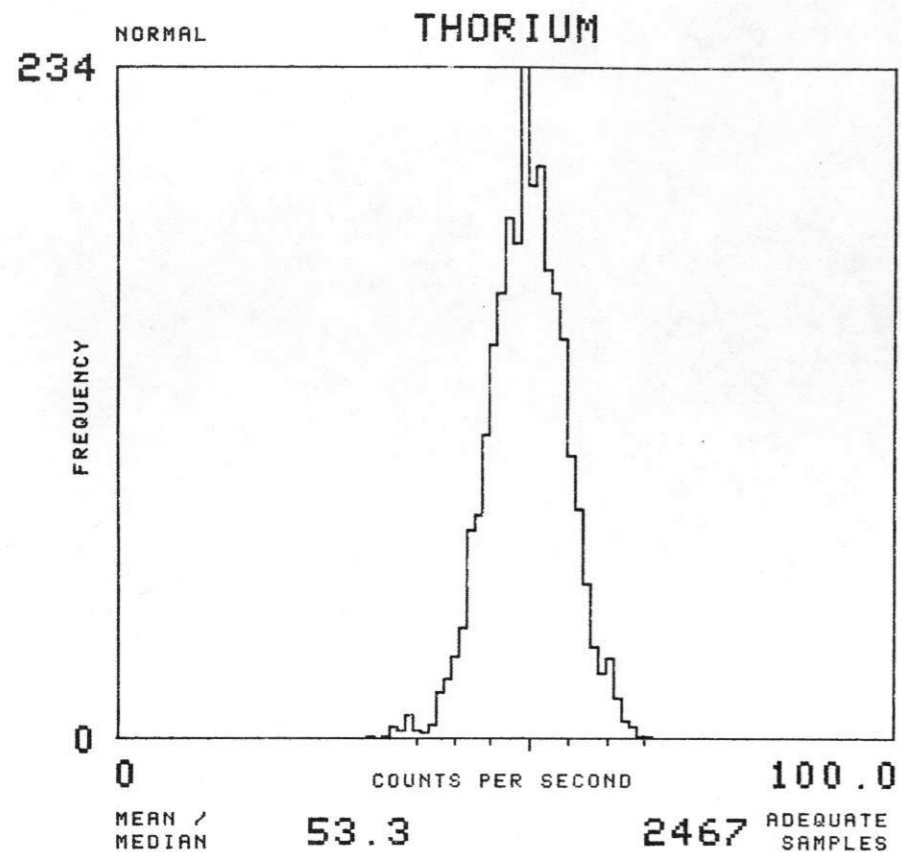
EAST SALINA BASIN - GEOMETRICS 1977



NTMS NK 14-9 FREMONT

SOIL GROUP : MDNRBF TOTAL NUMBER OF SAMPLES 2467

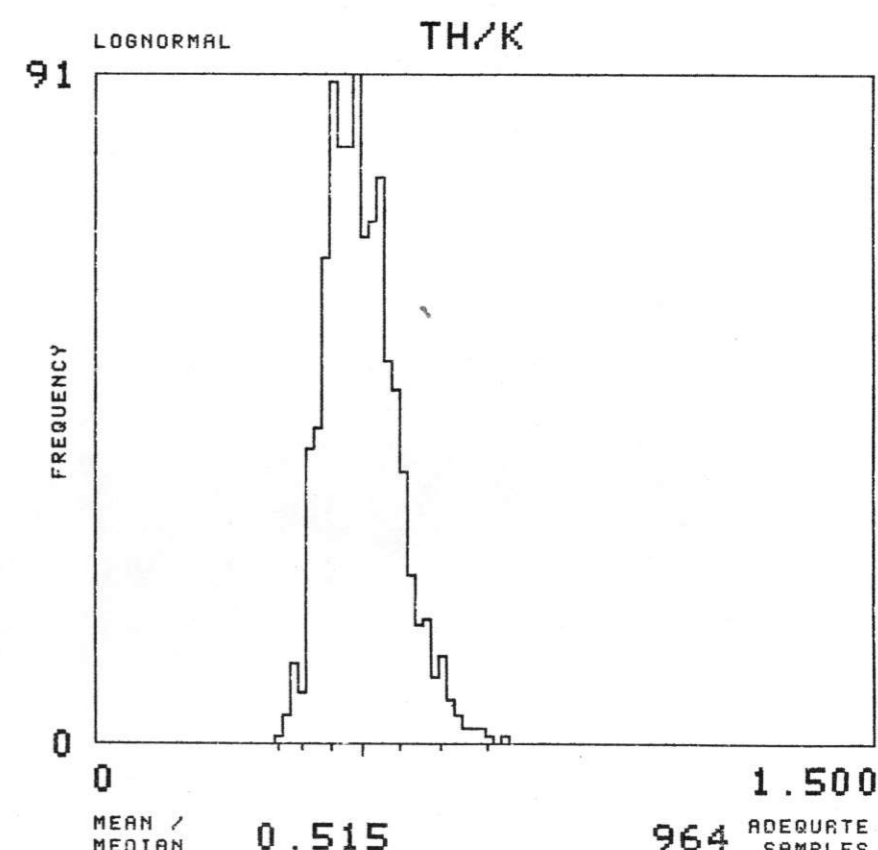
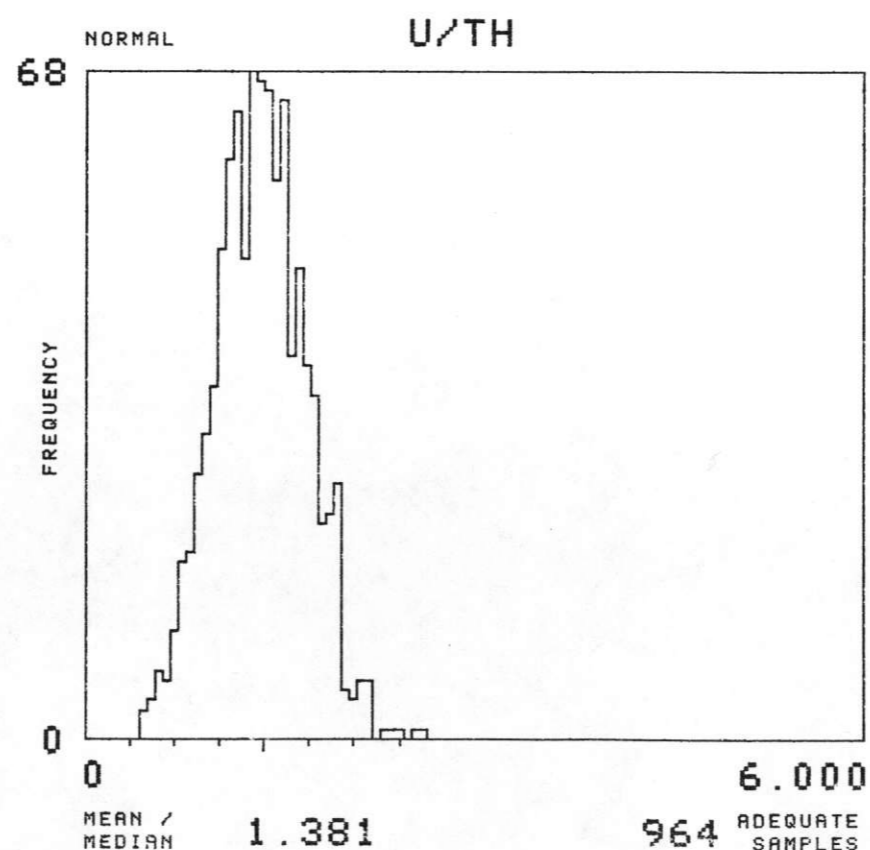
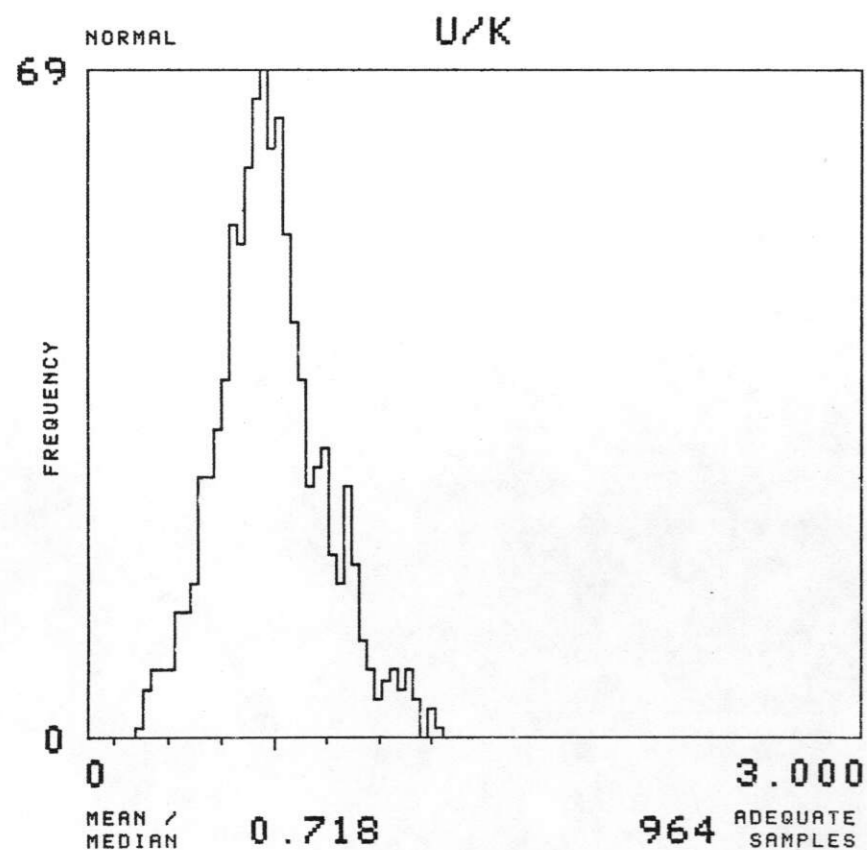
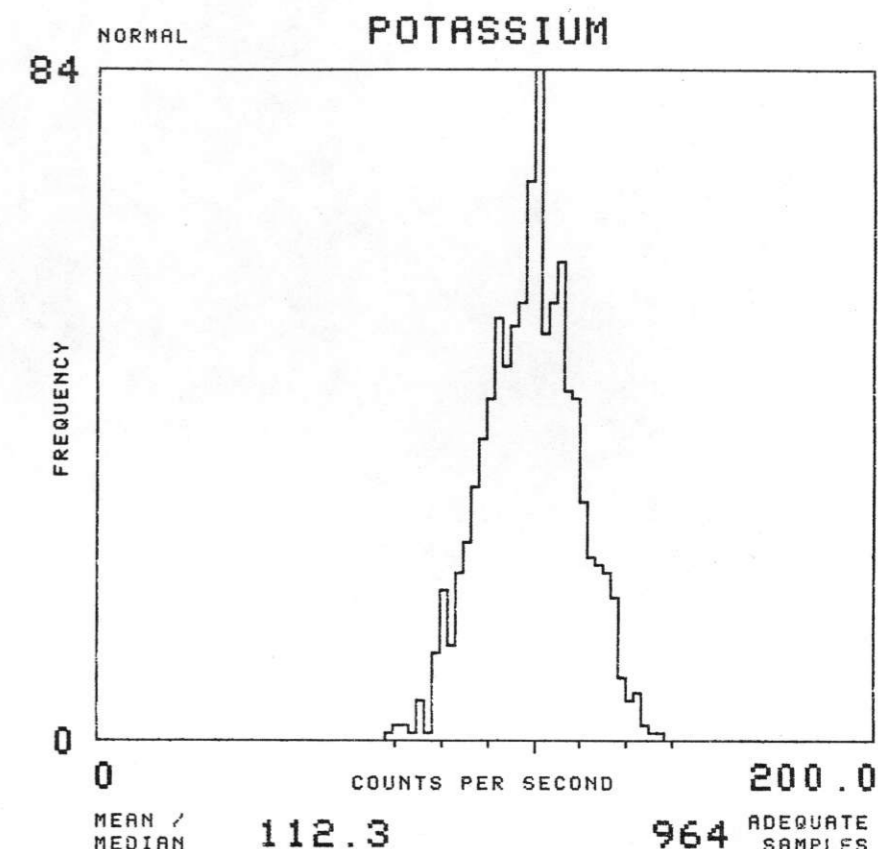
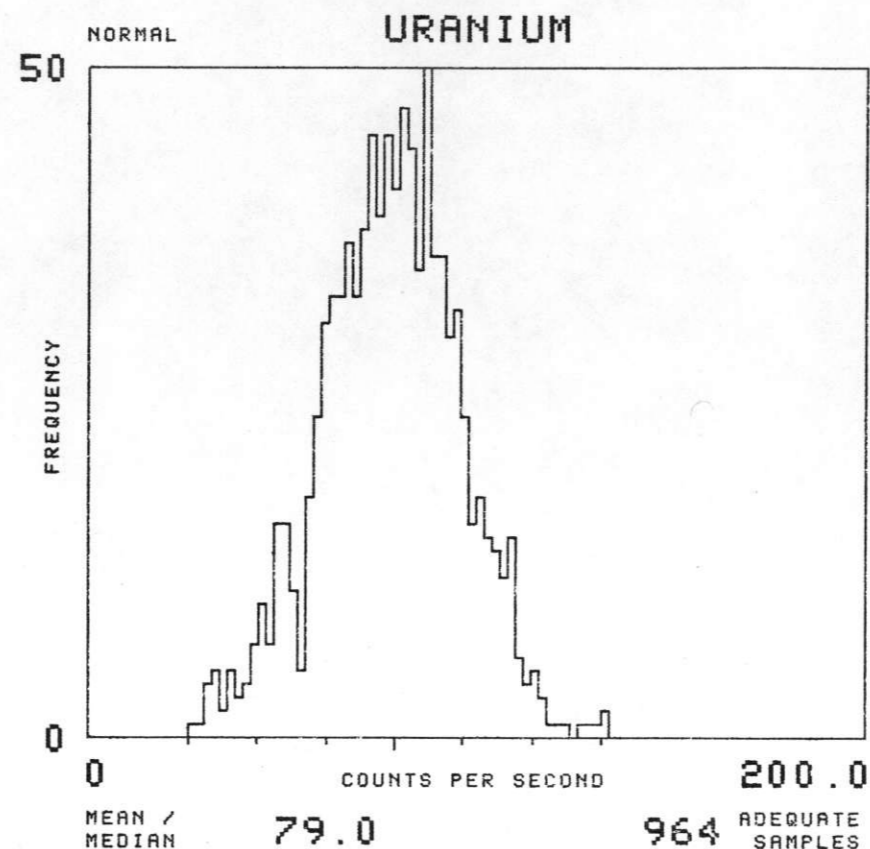
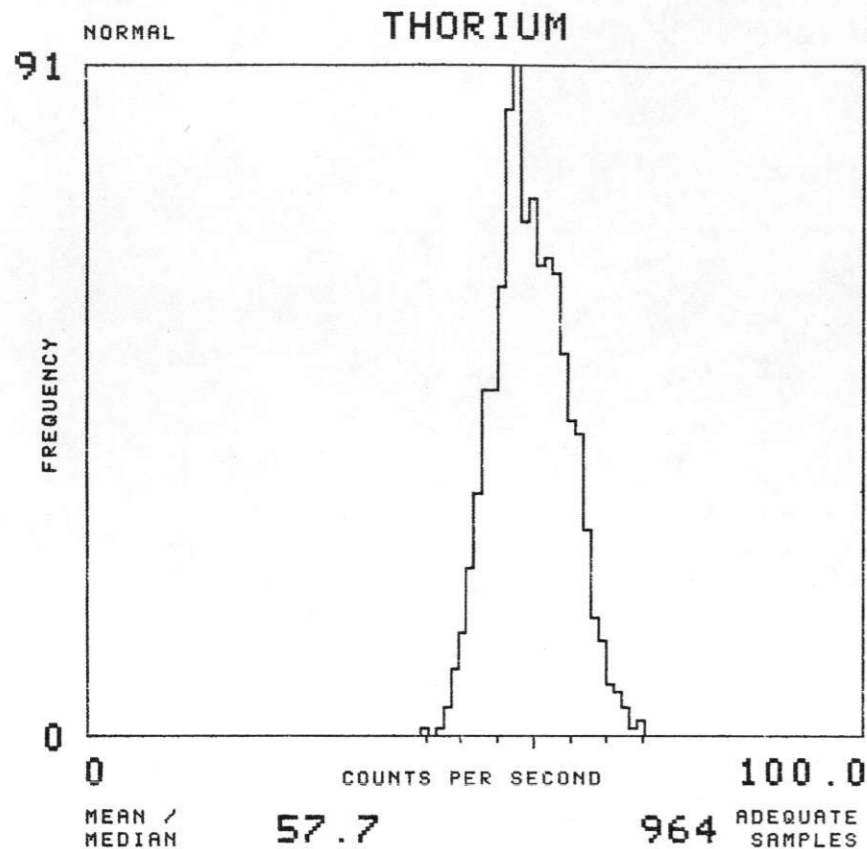
EAST SALINA BASIN - GEOMETRICS 1977



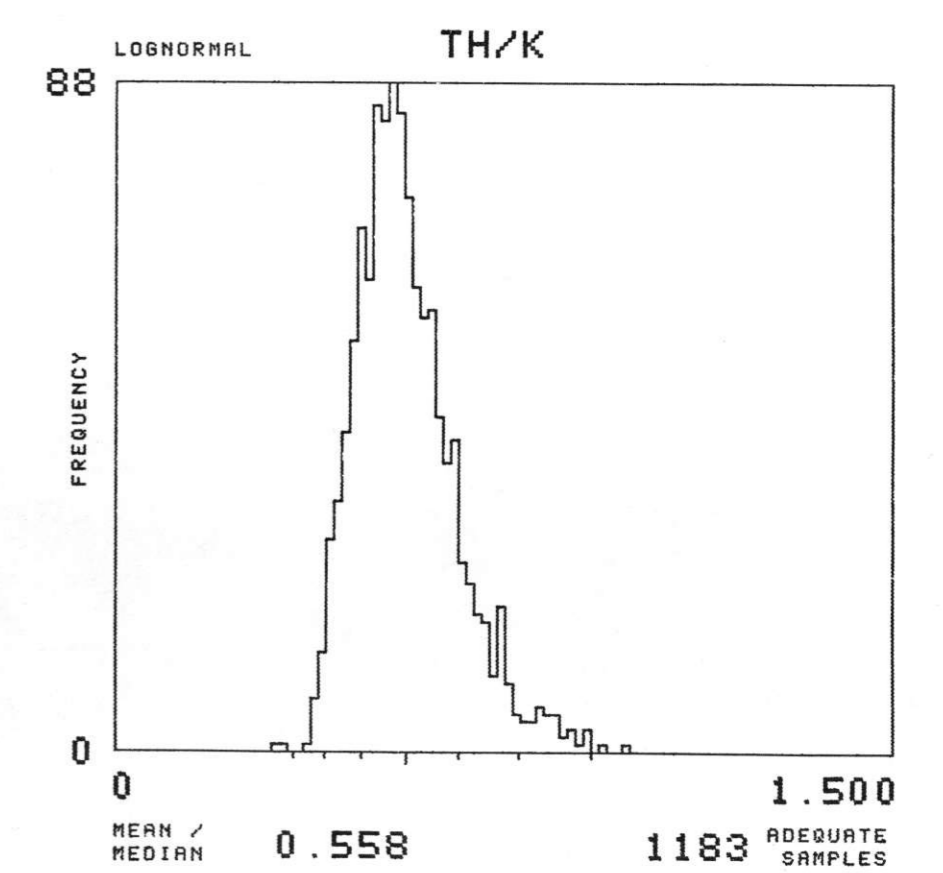
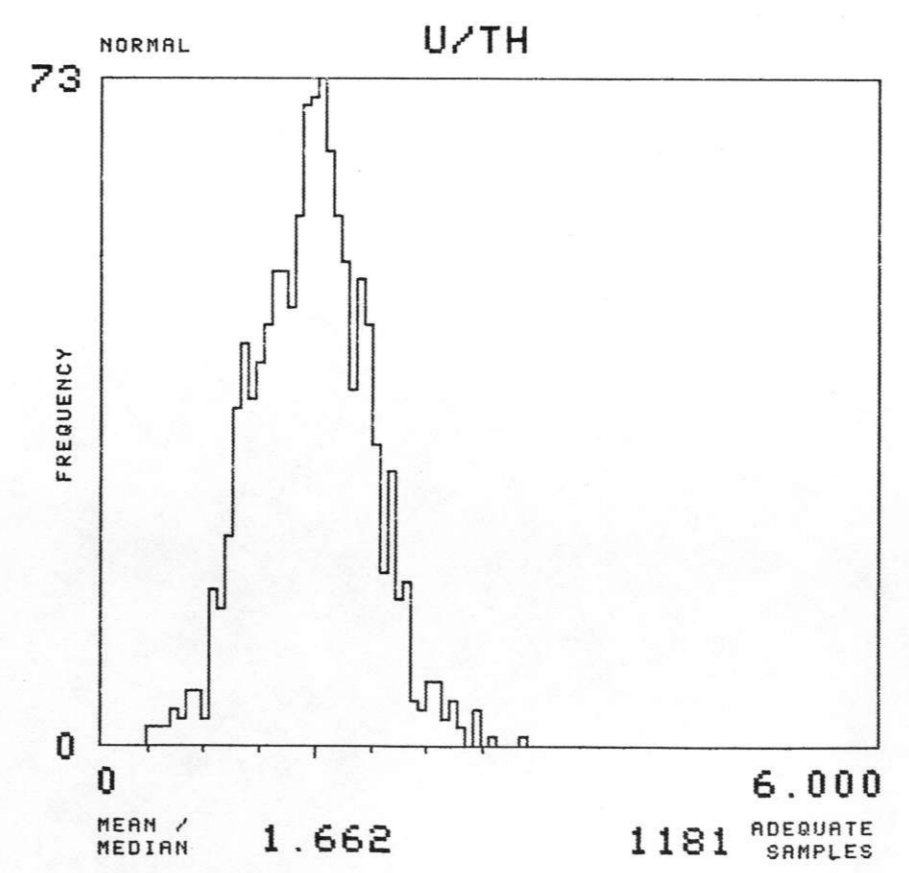
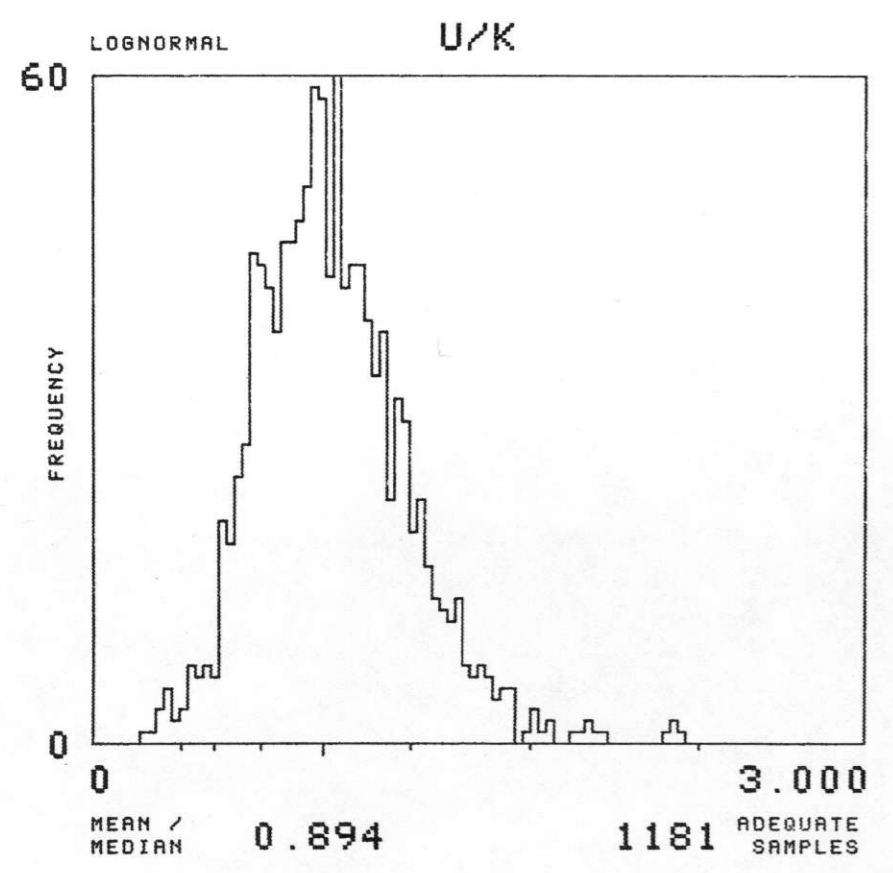
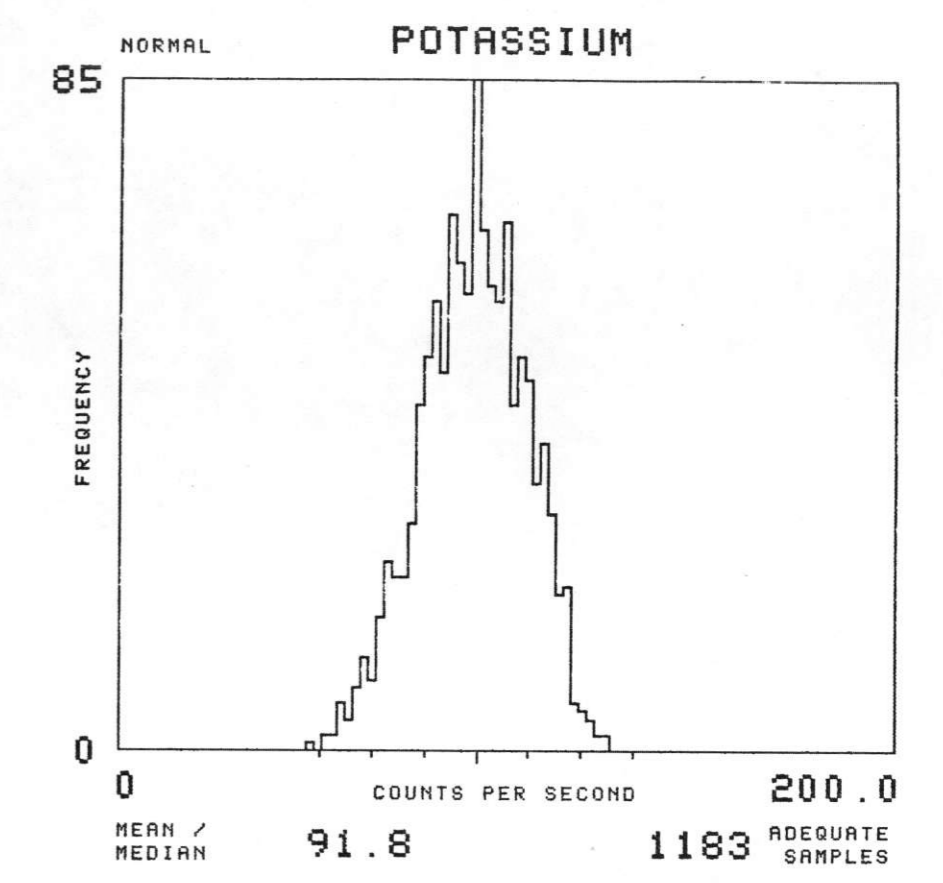
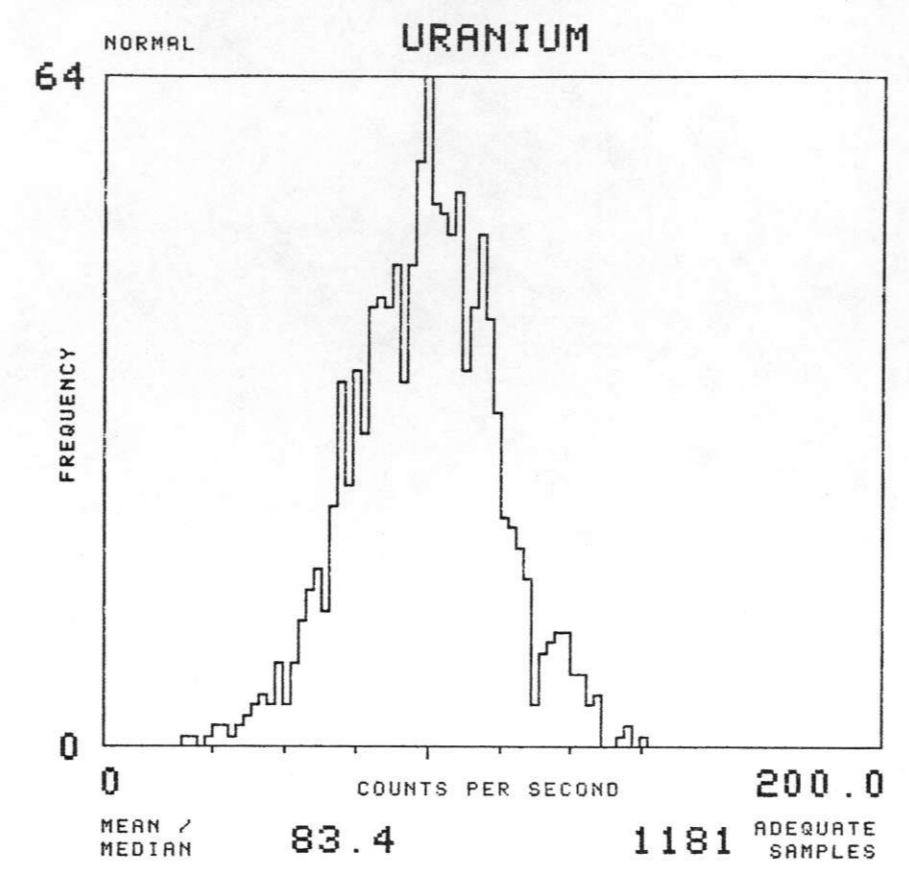
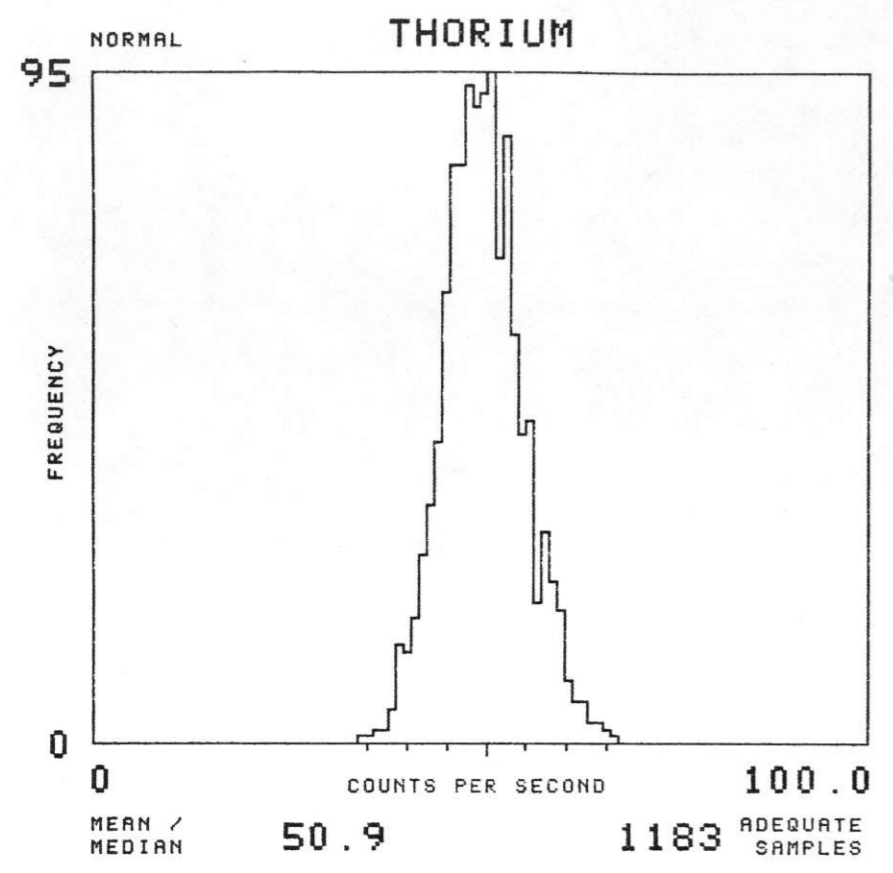
NTMS NK 14-9 FREMONT

SOIL GROUP : MDNRCF TOTAL NUMBER OF SAMPLES 964

EAST SALINA BASIN - GEOMETRICS 1977



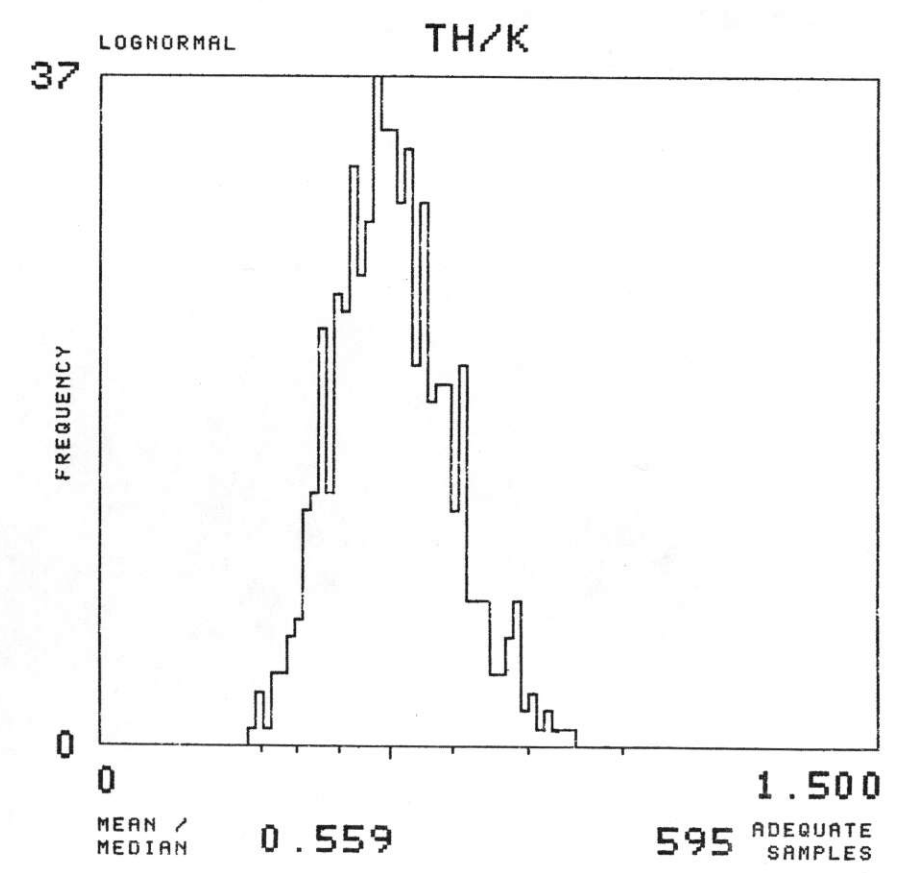
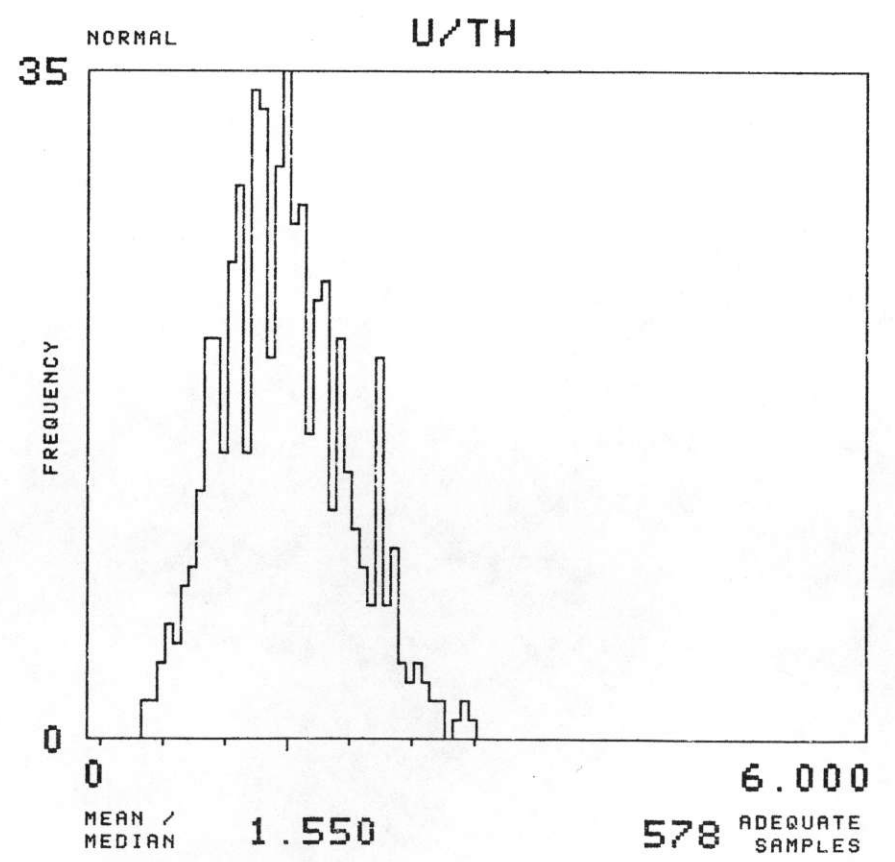
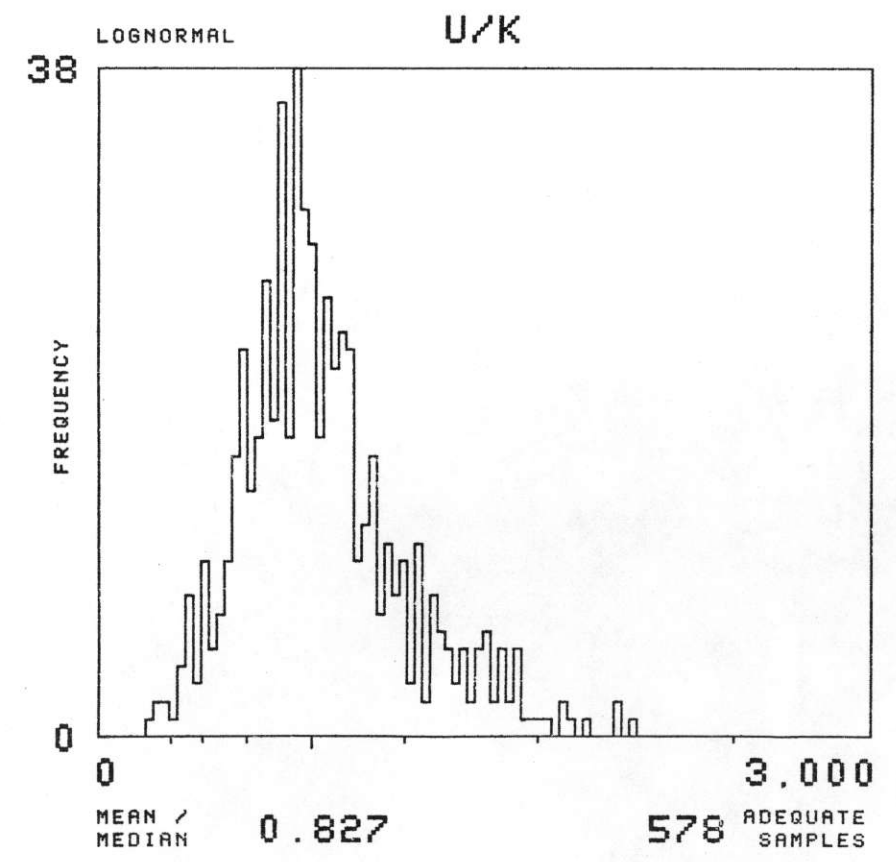
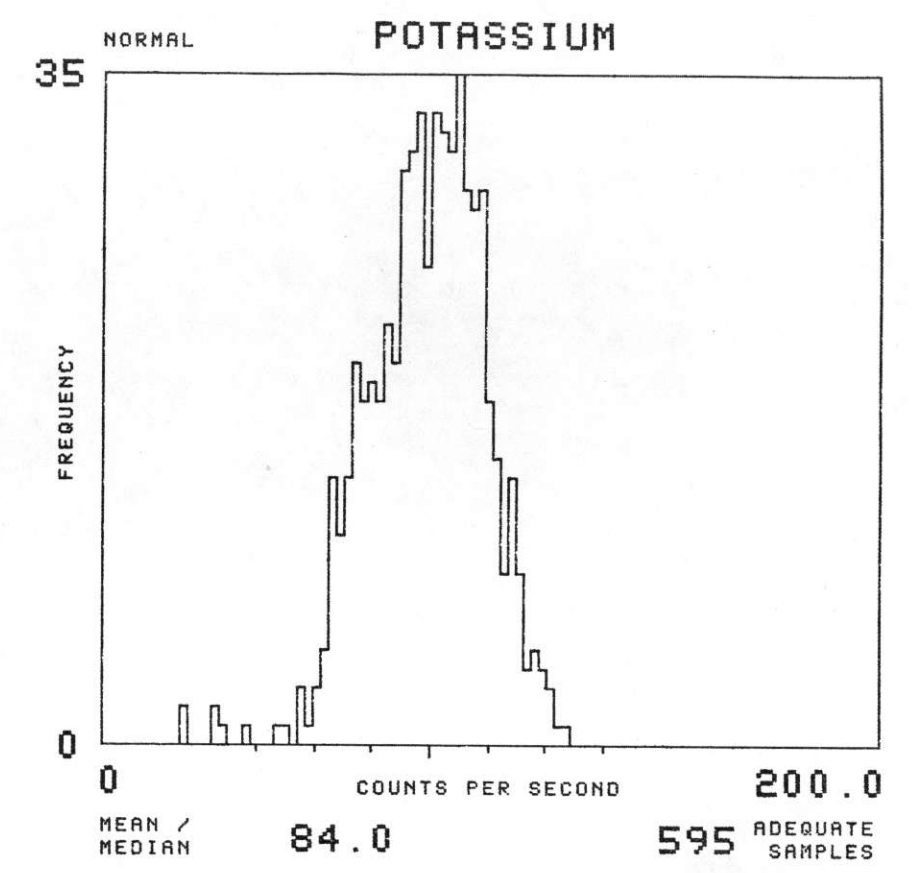
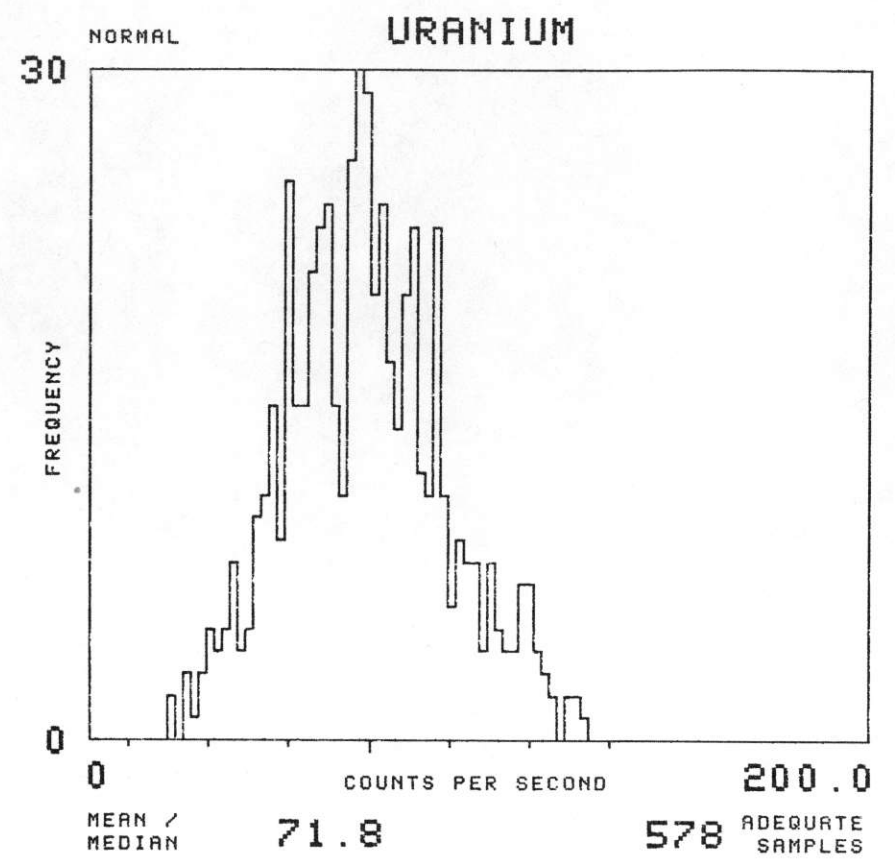
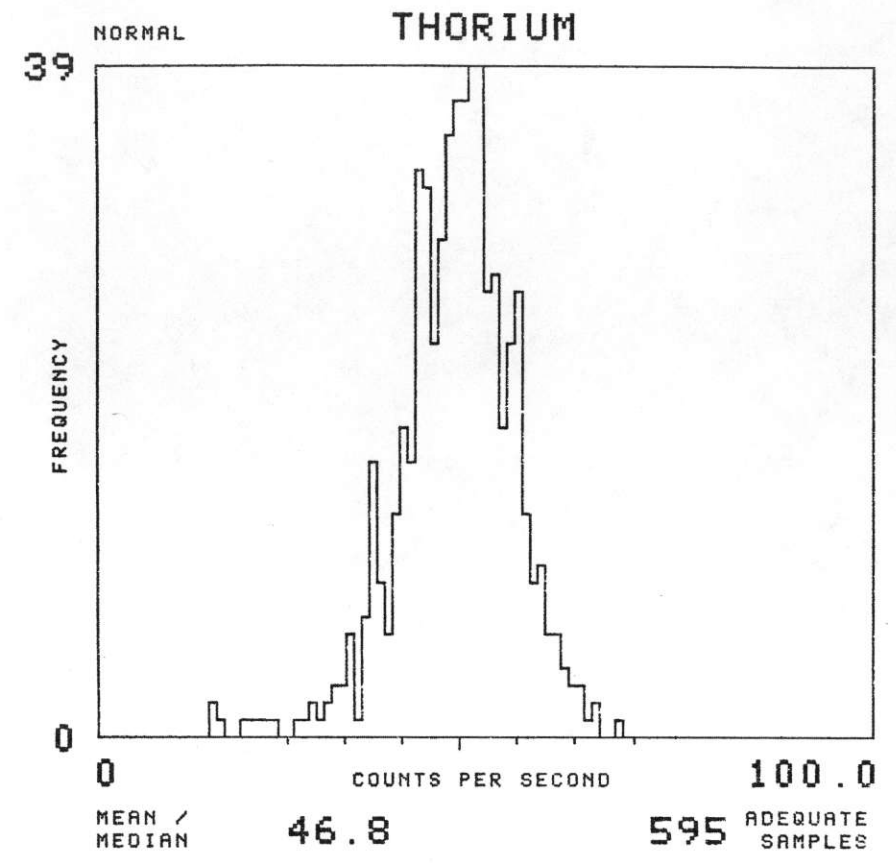


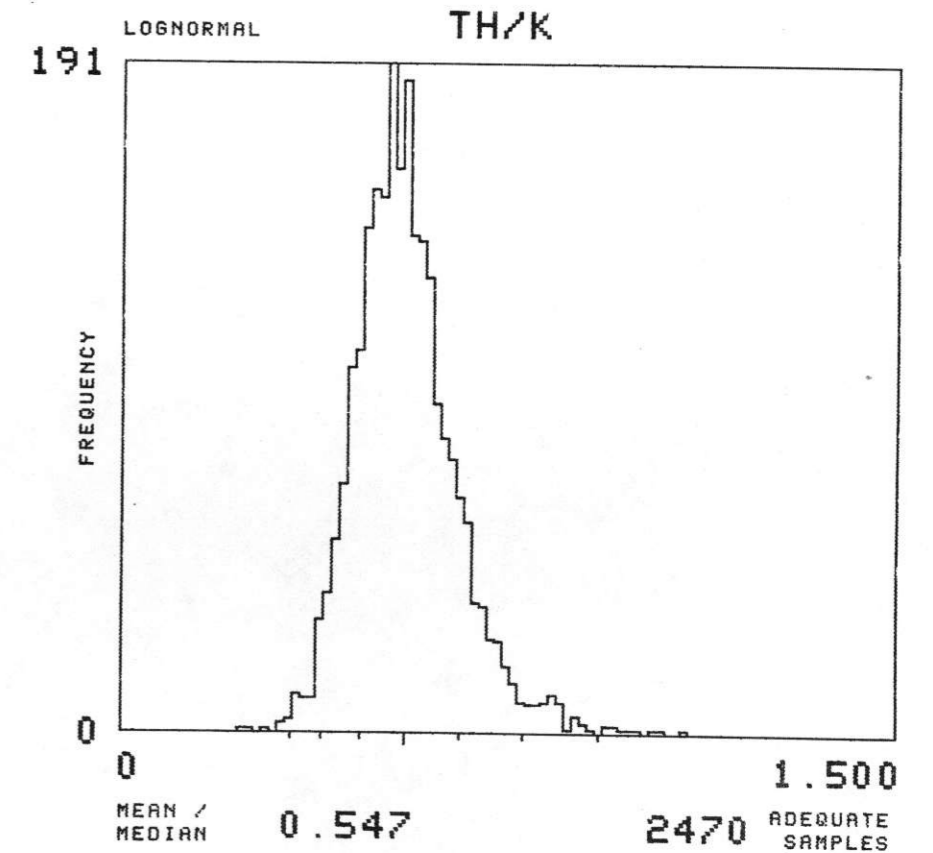
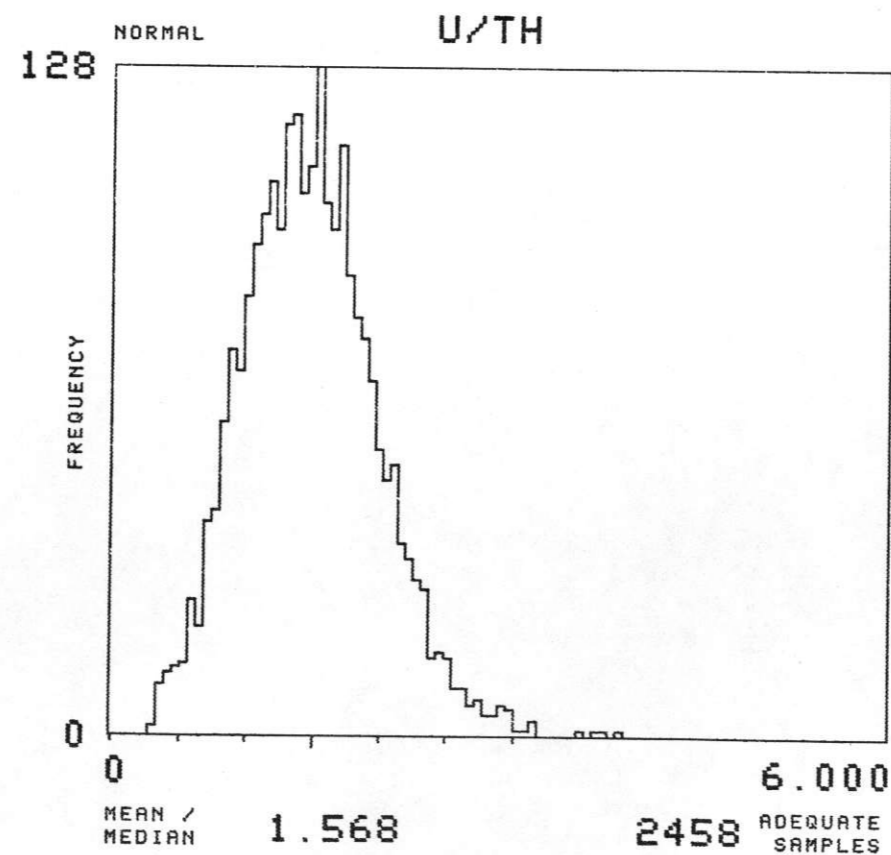
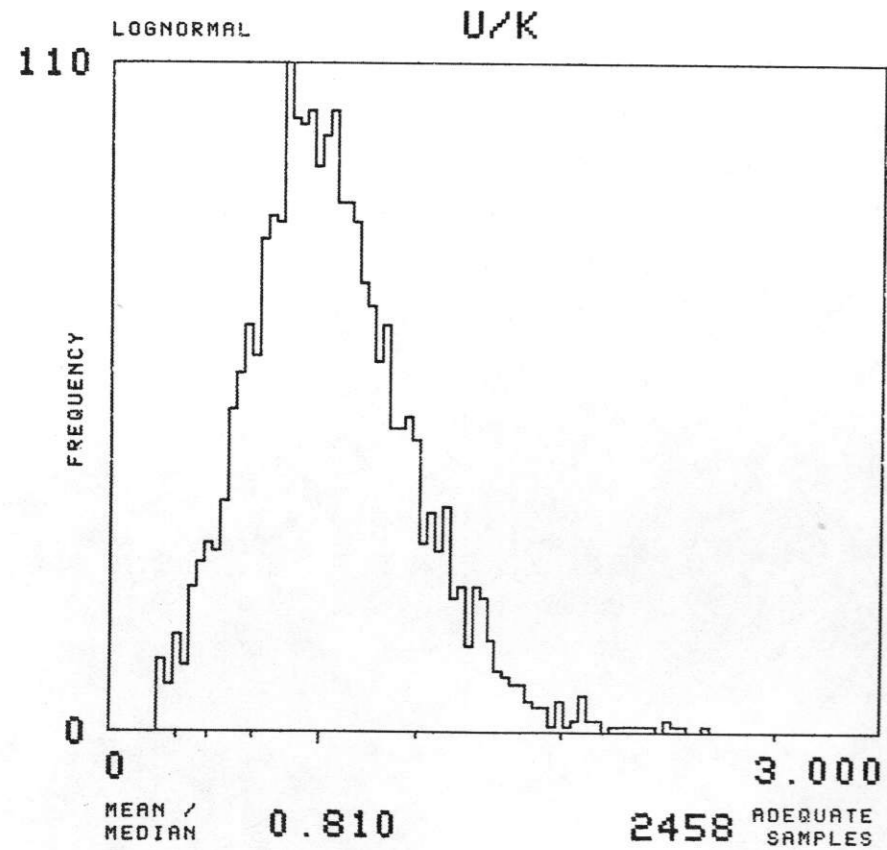
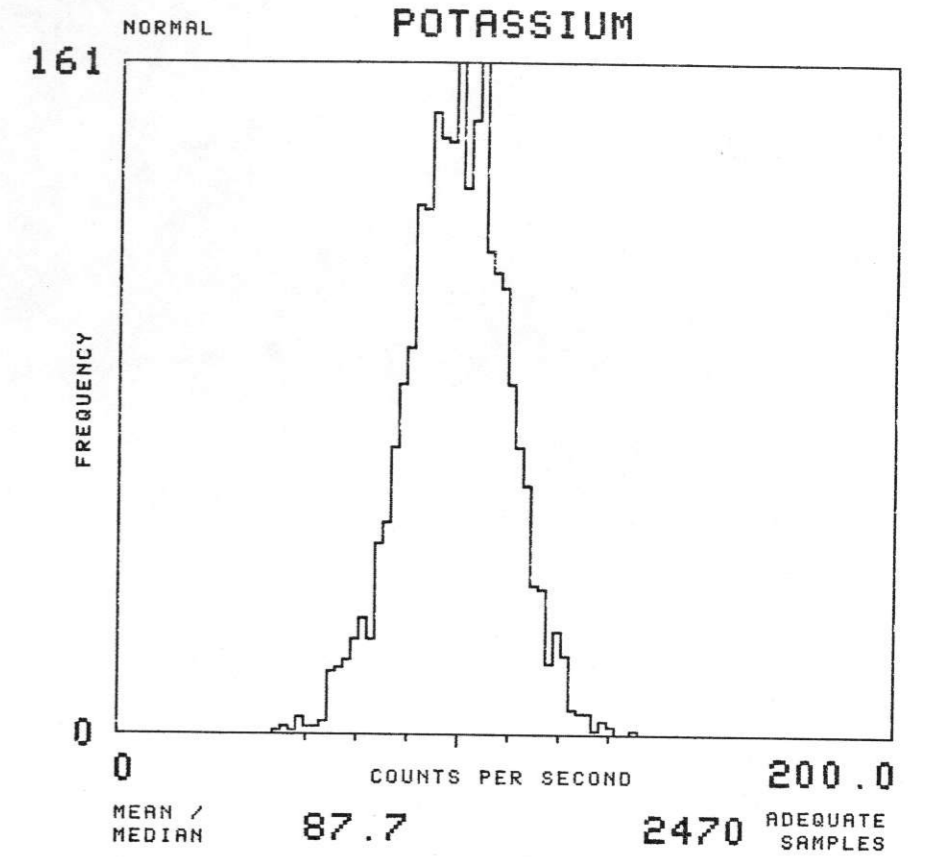
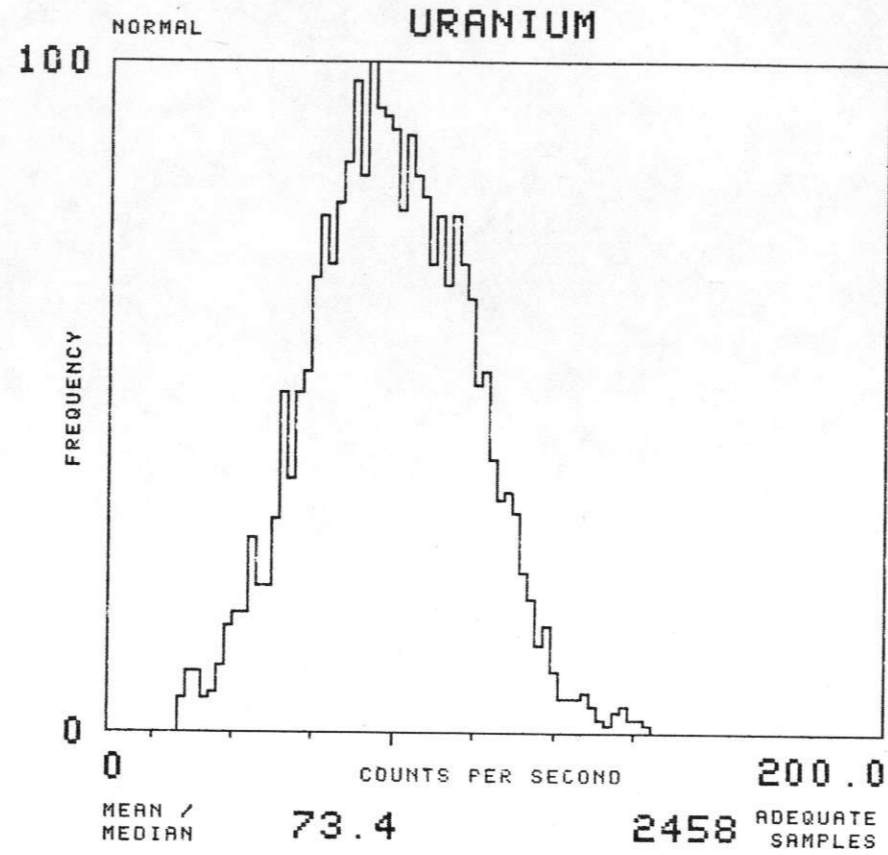
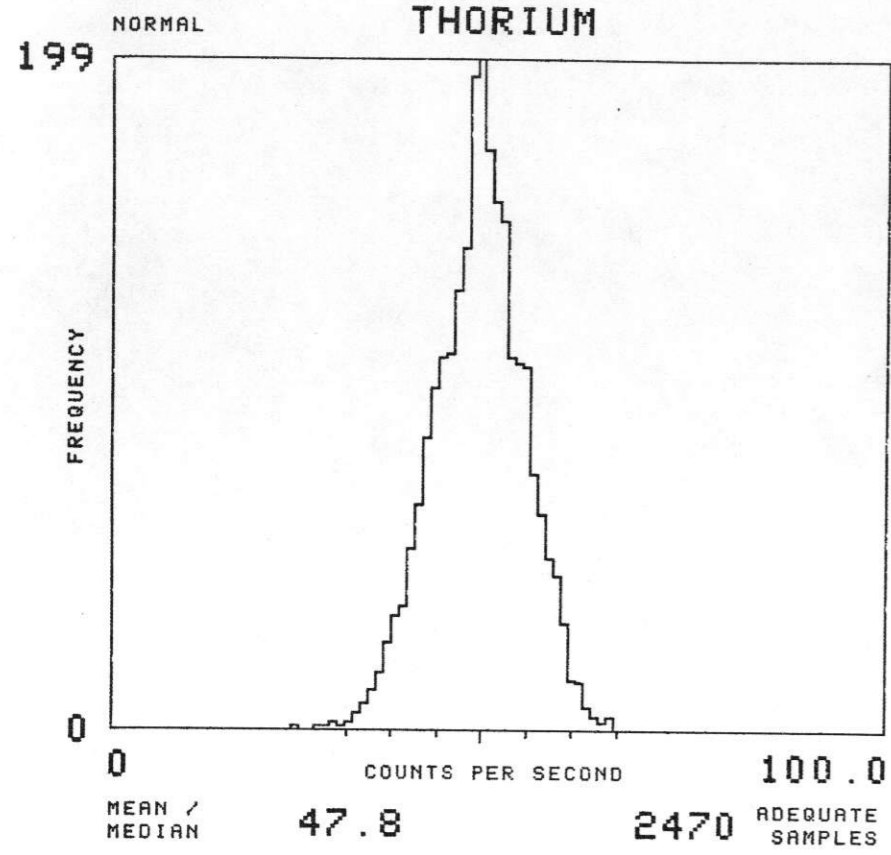


NTMS NK 14-9 FREMONT

SOIL GROUP : MNI TOTAL NUMBER OF SAMPLES 595

EAST SALINA BASIN - GEOMETRICS 1977

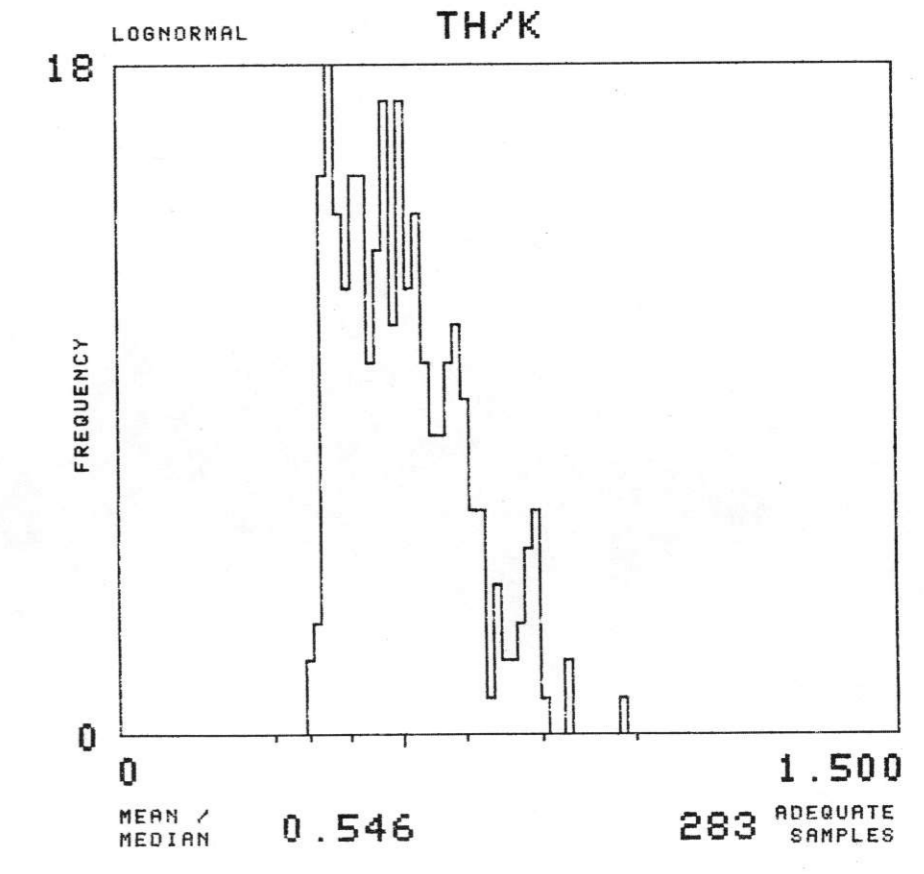
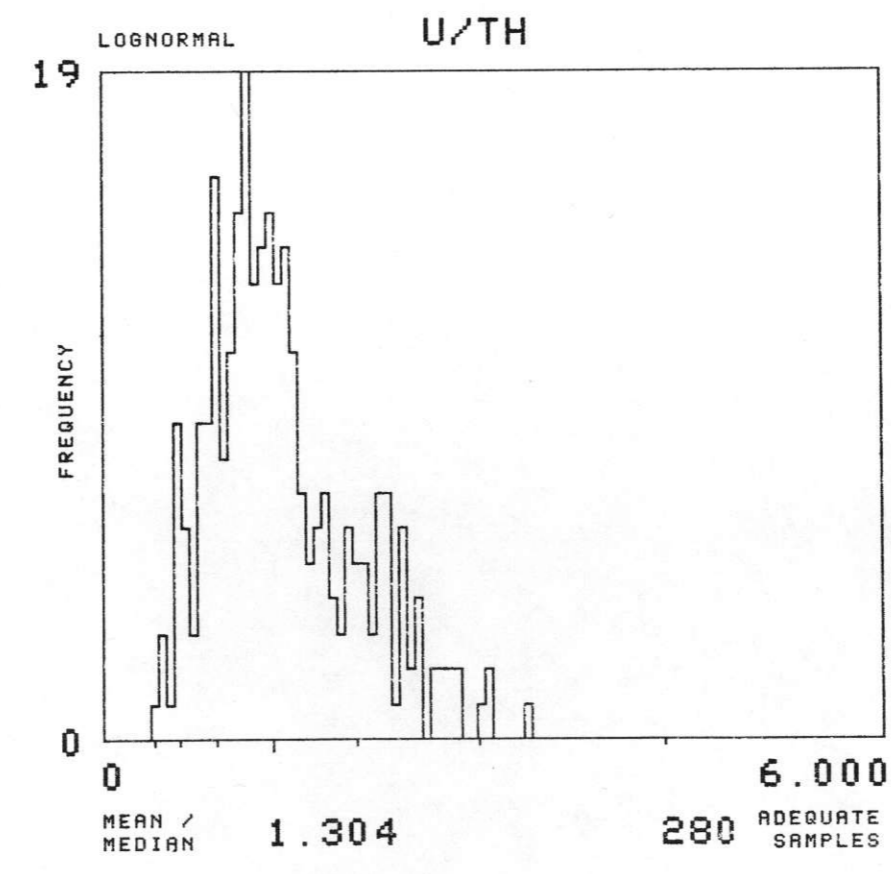
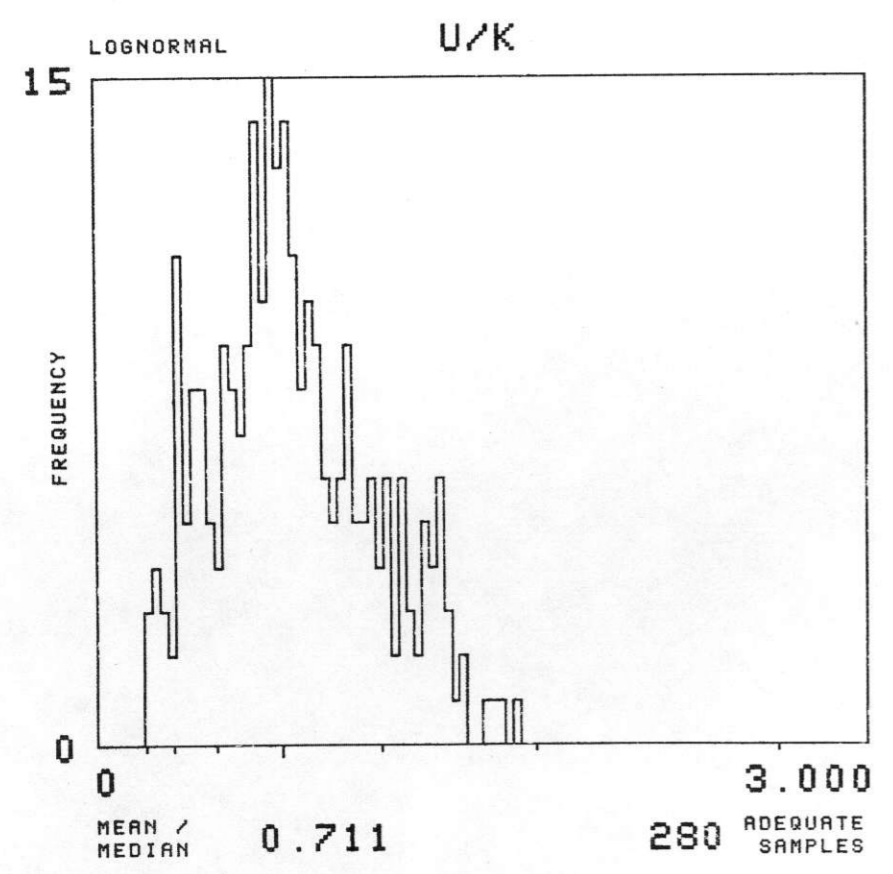
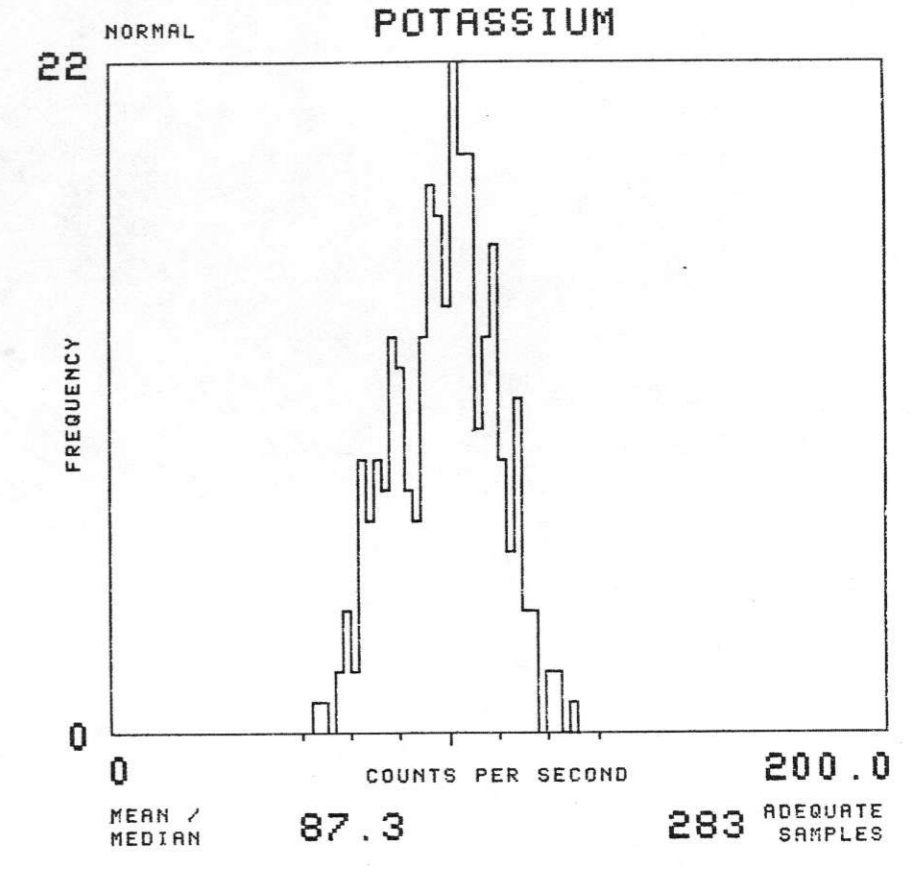
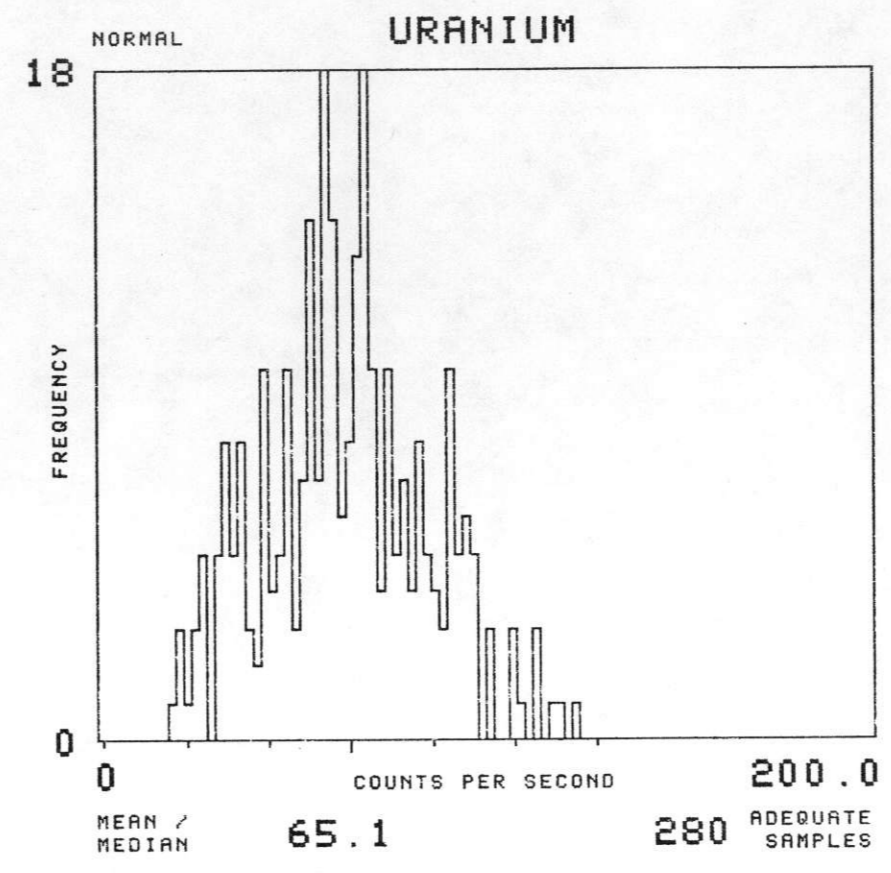
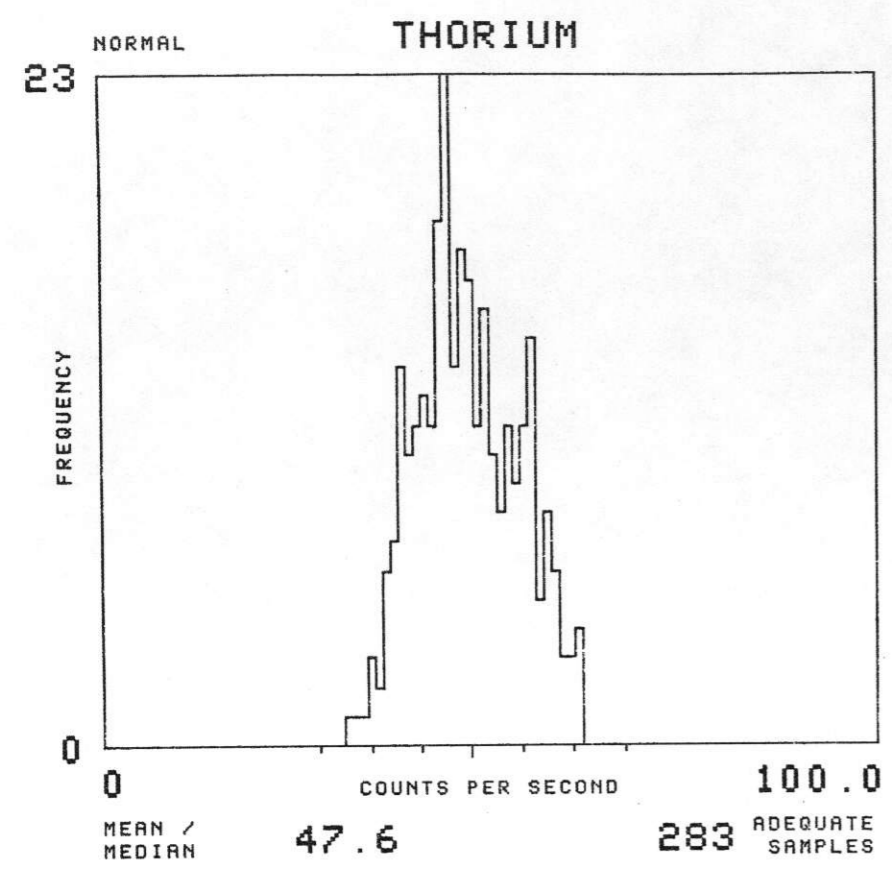


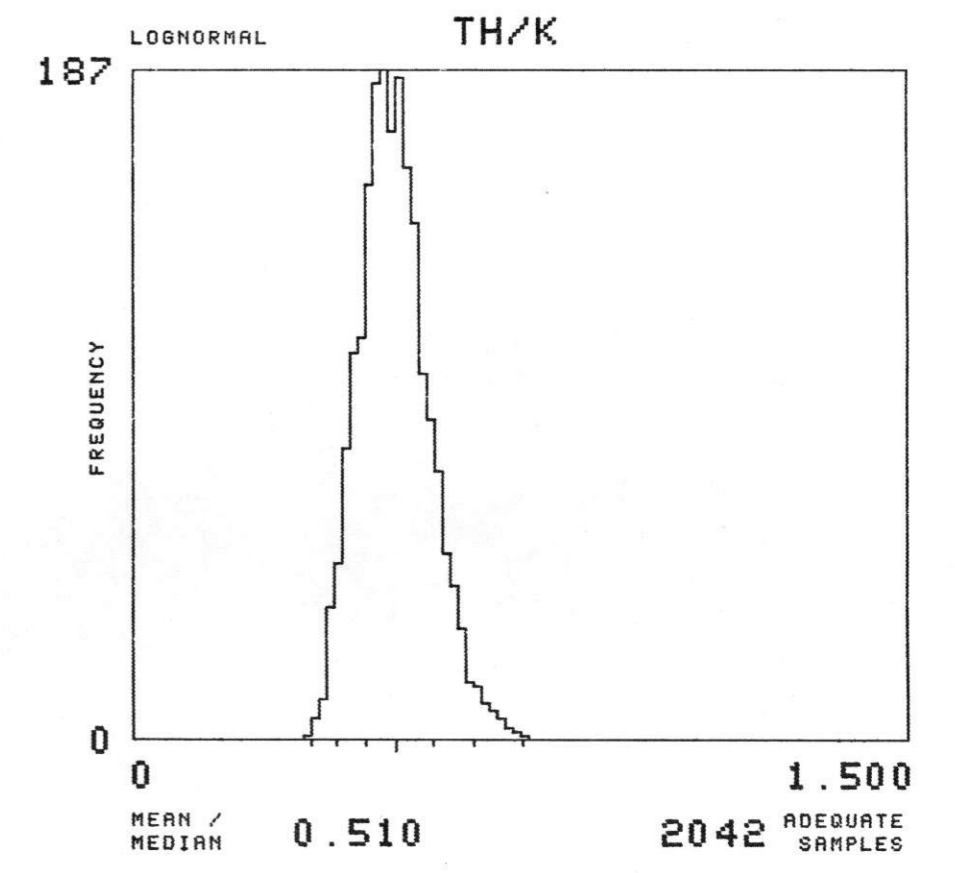
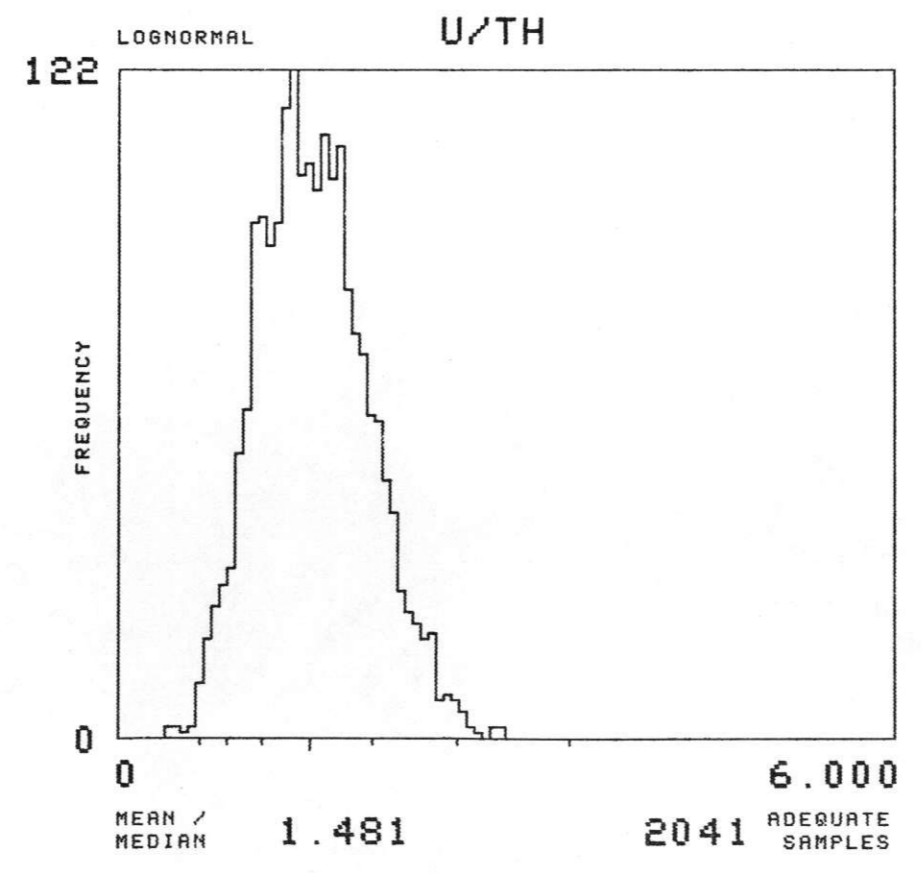
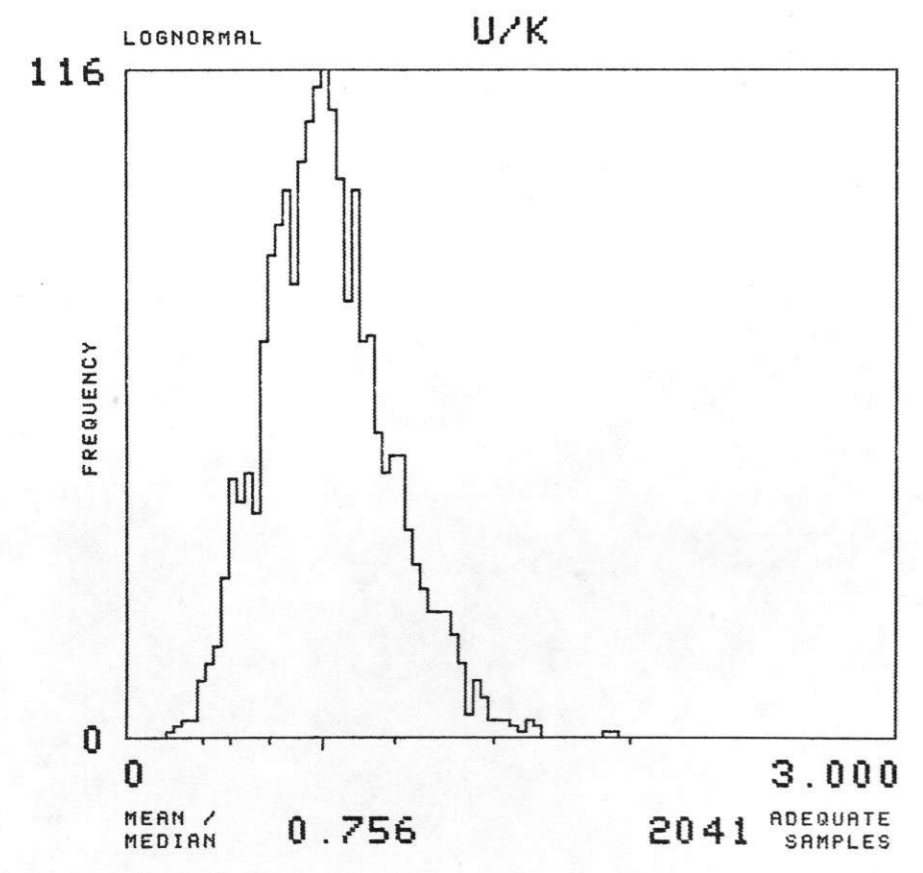
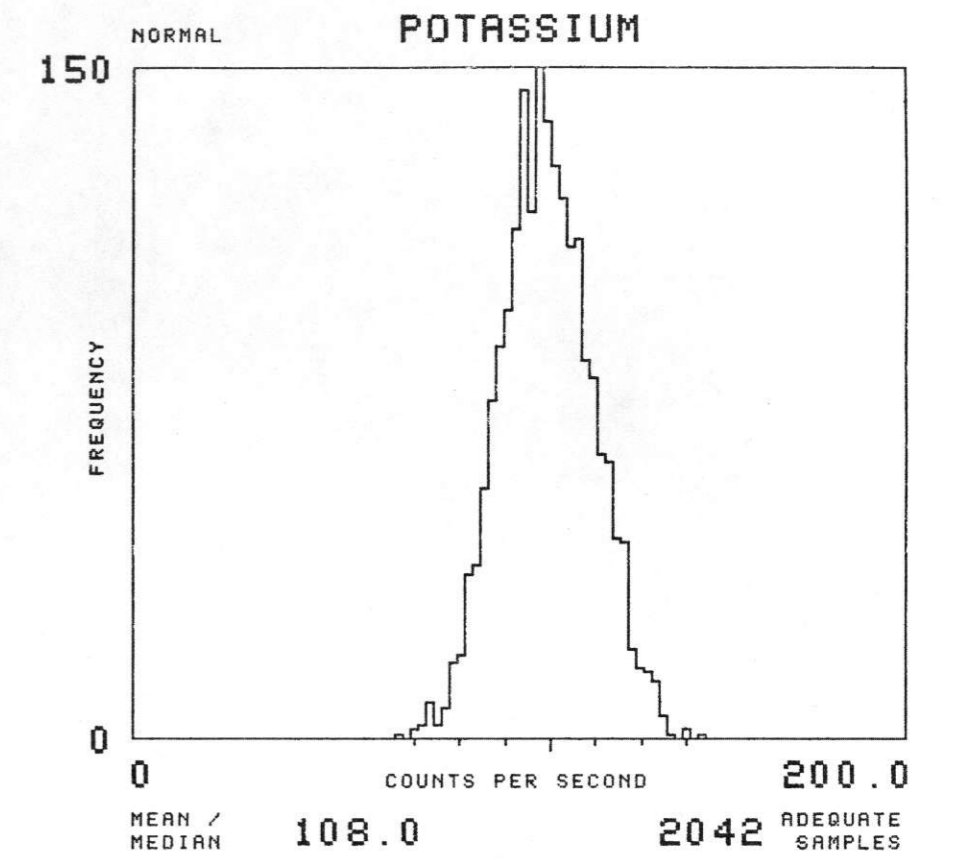
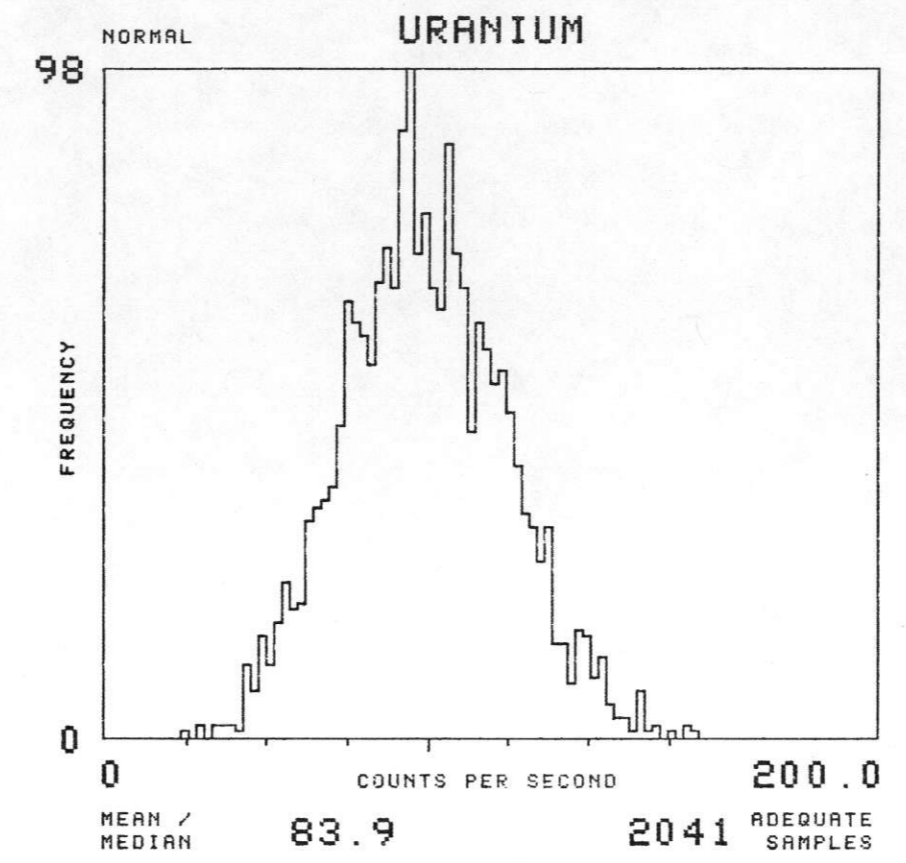
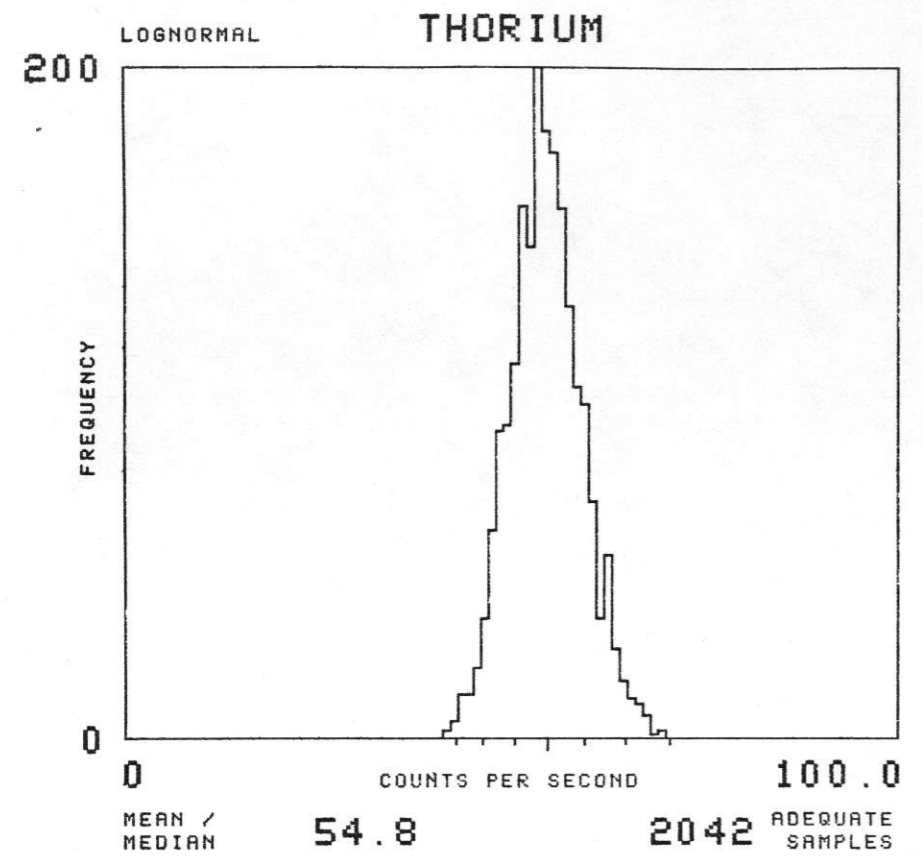


NTMS NK 14-9 FREMONT

SOIL GROUP : MUH TOTAL NUMBER OF SAMPLES 283

EAST SALINA BASIN - GEOMETRICS 1977

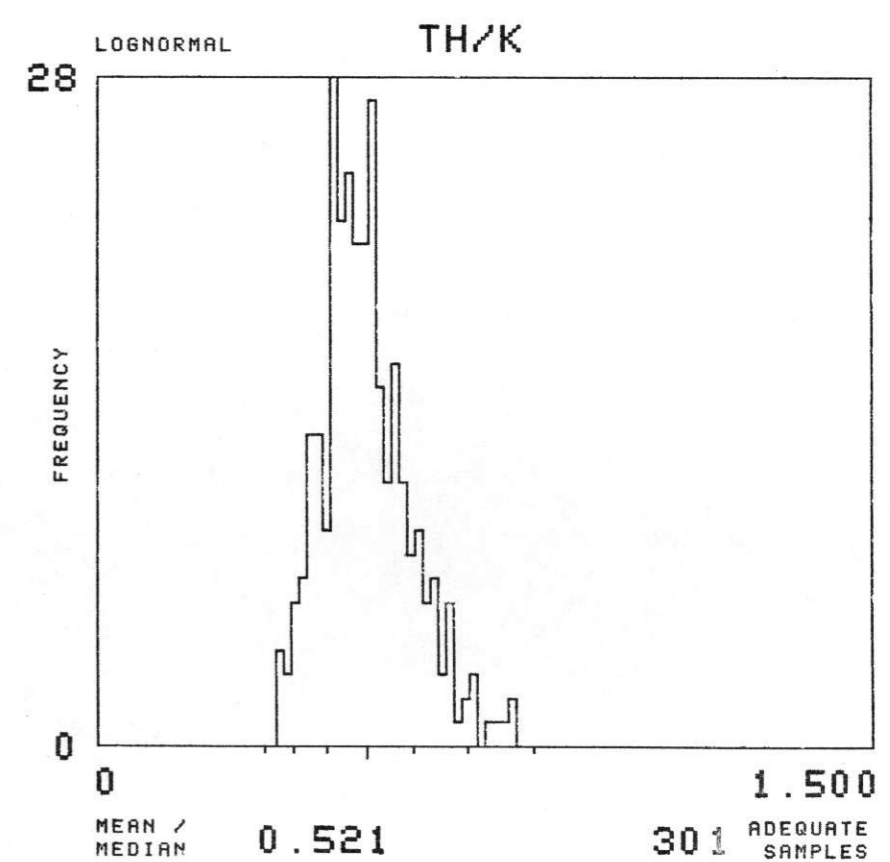
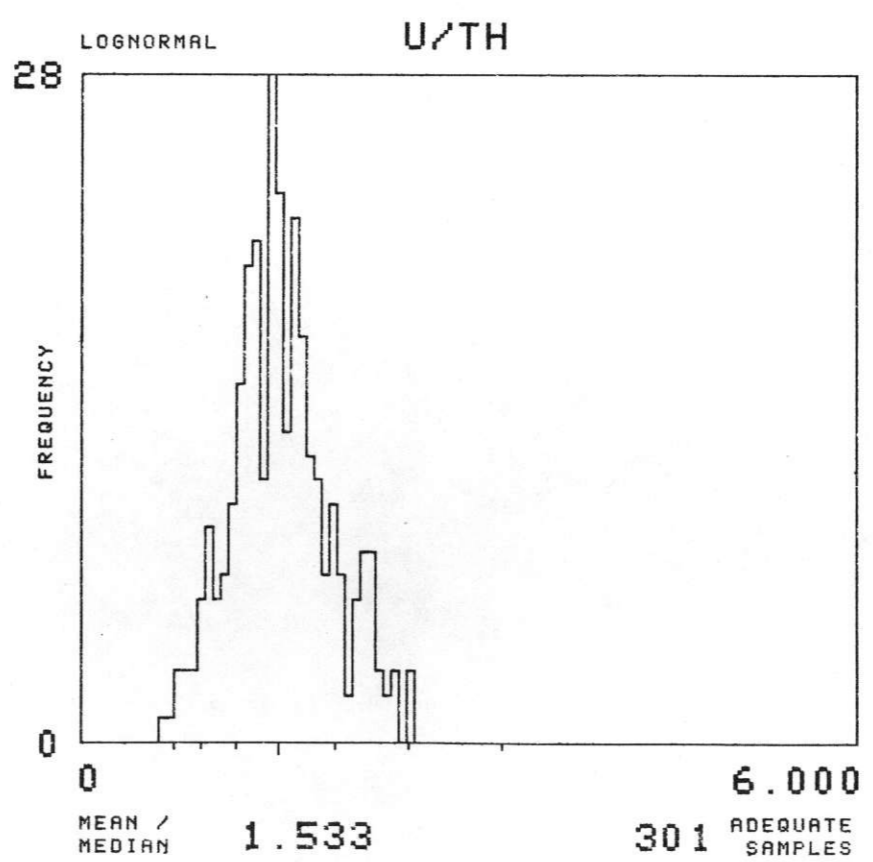
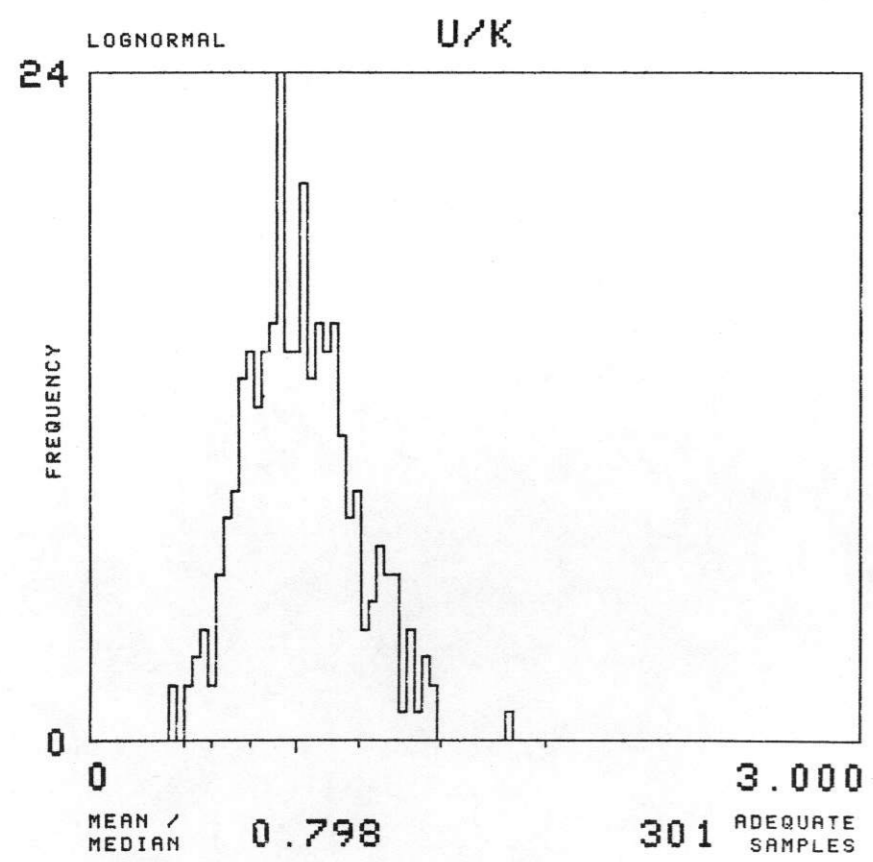
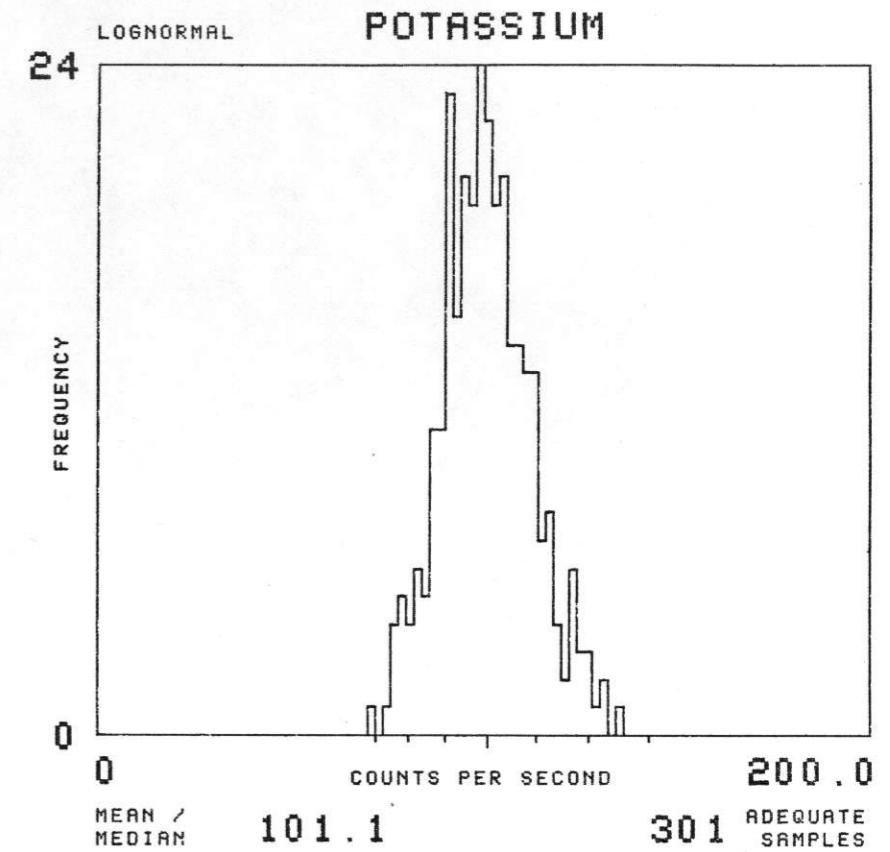
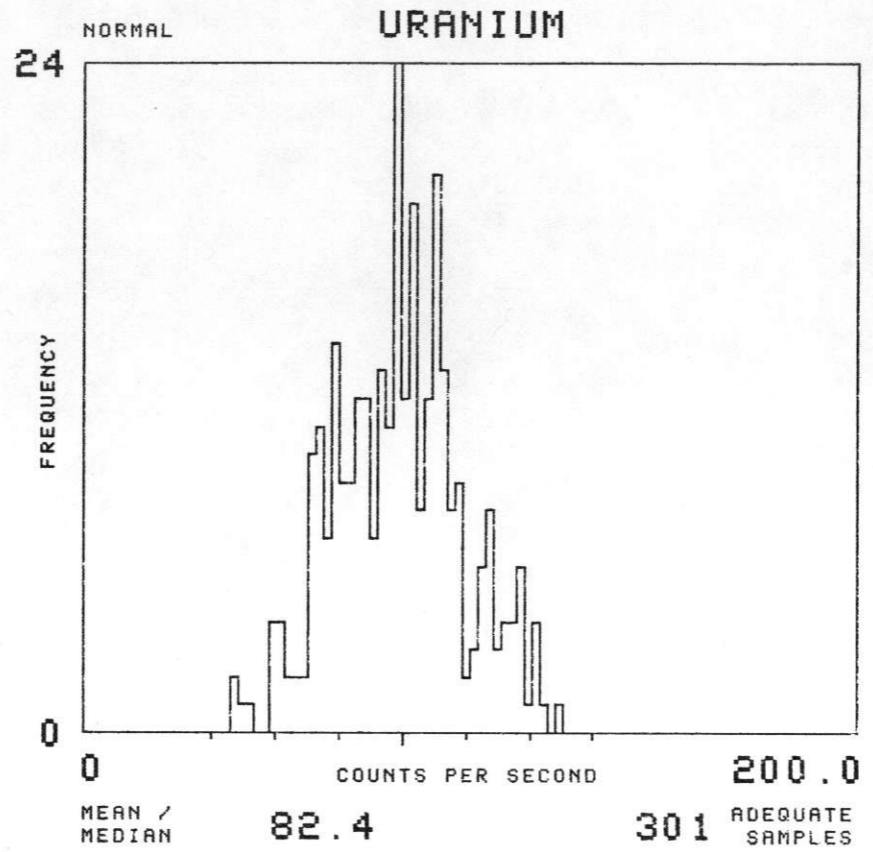
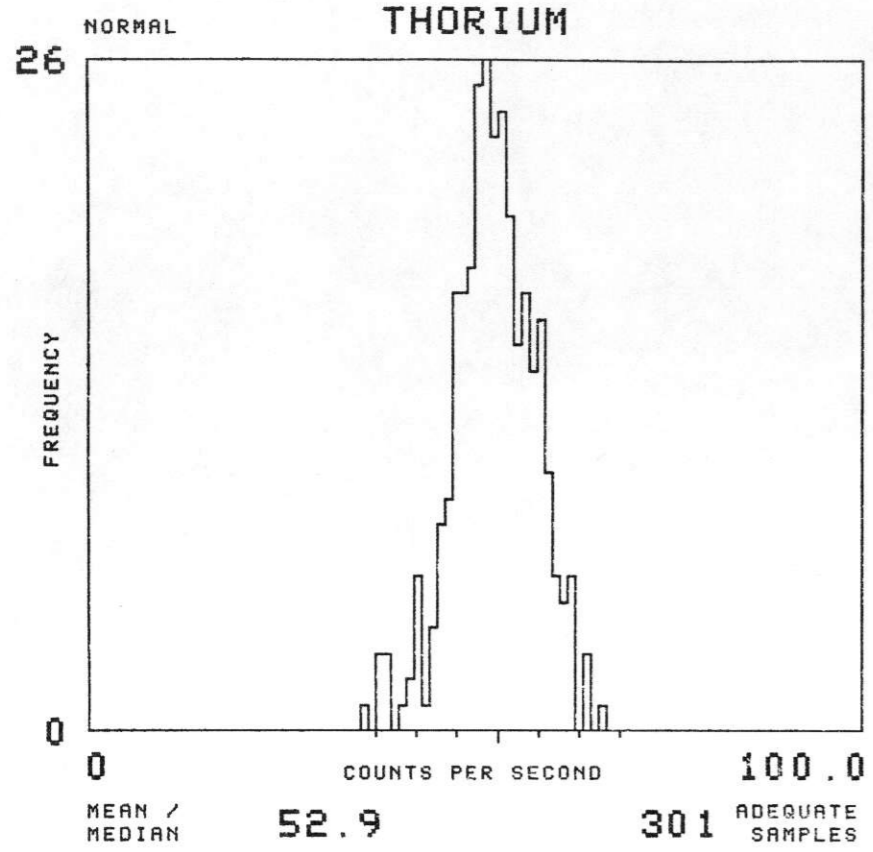


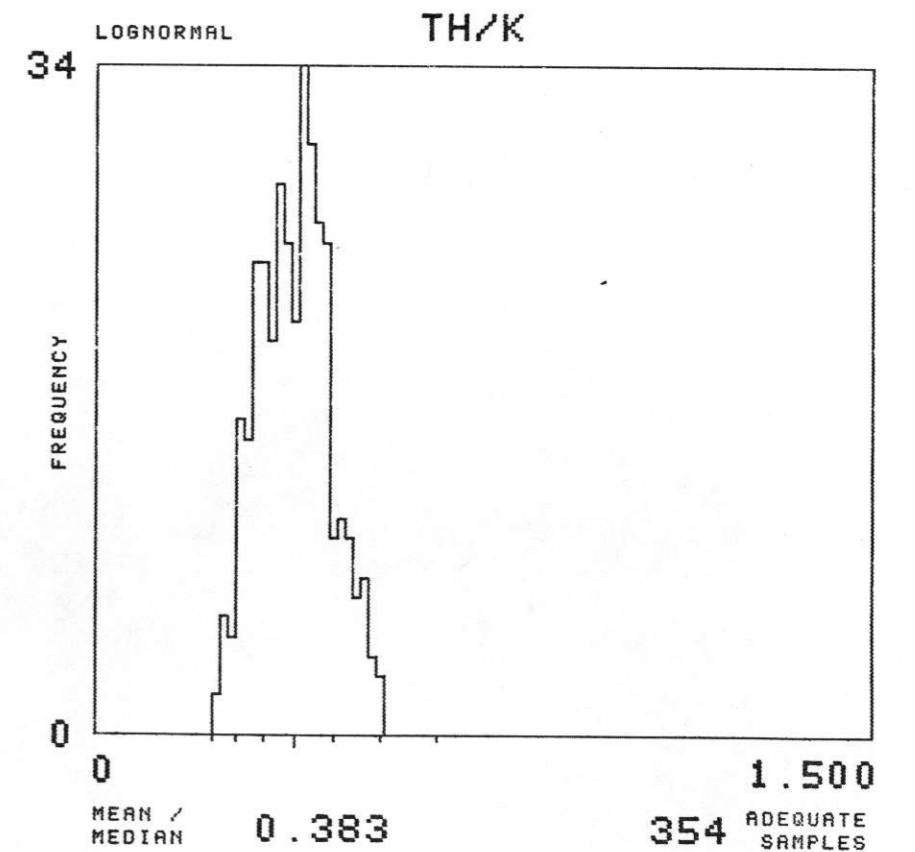
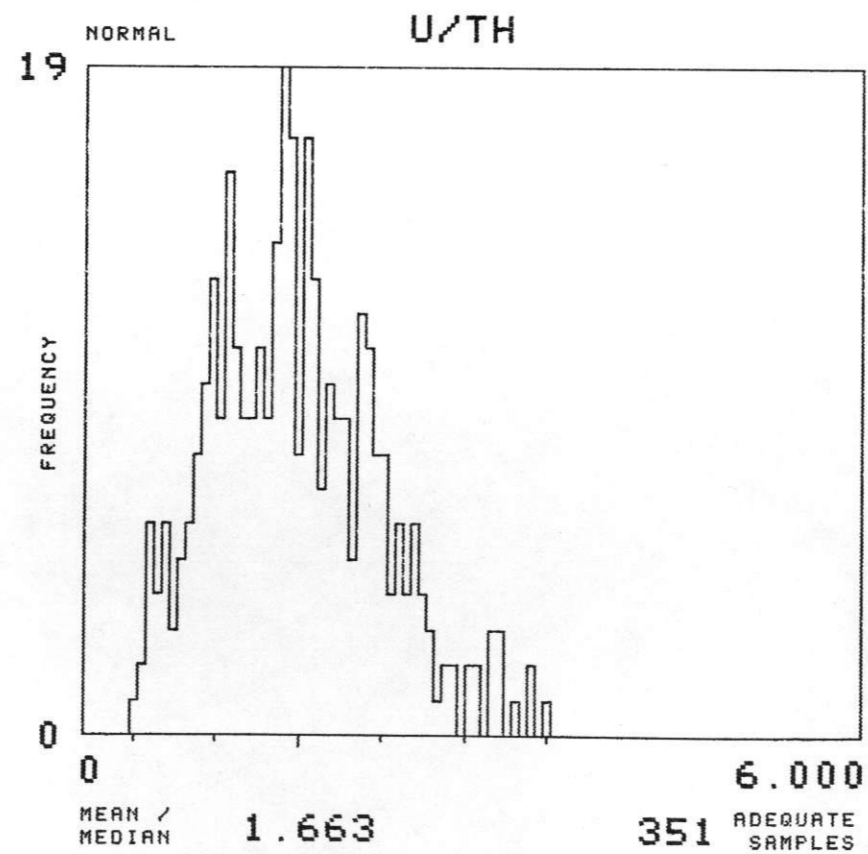
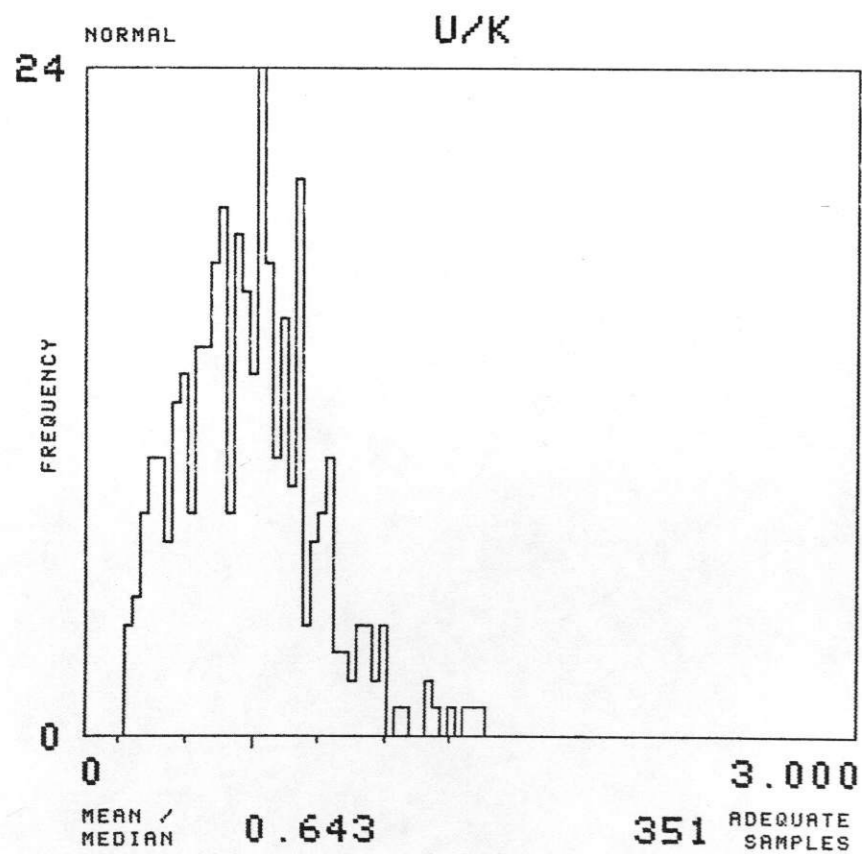
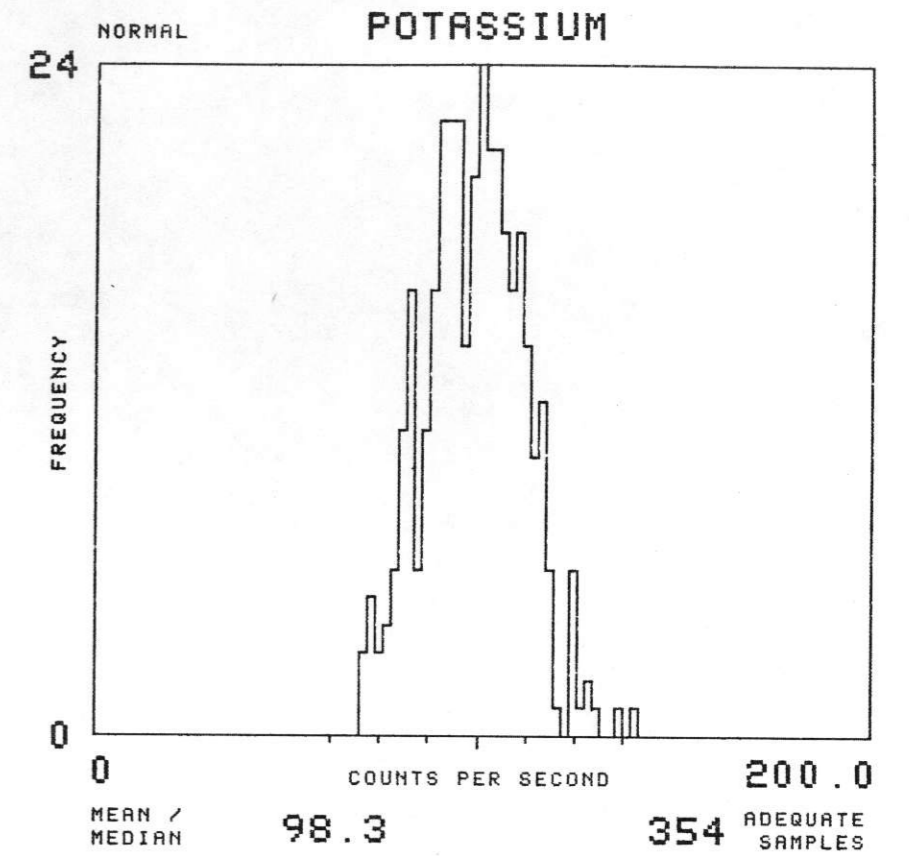
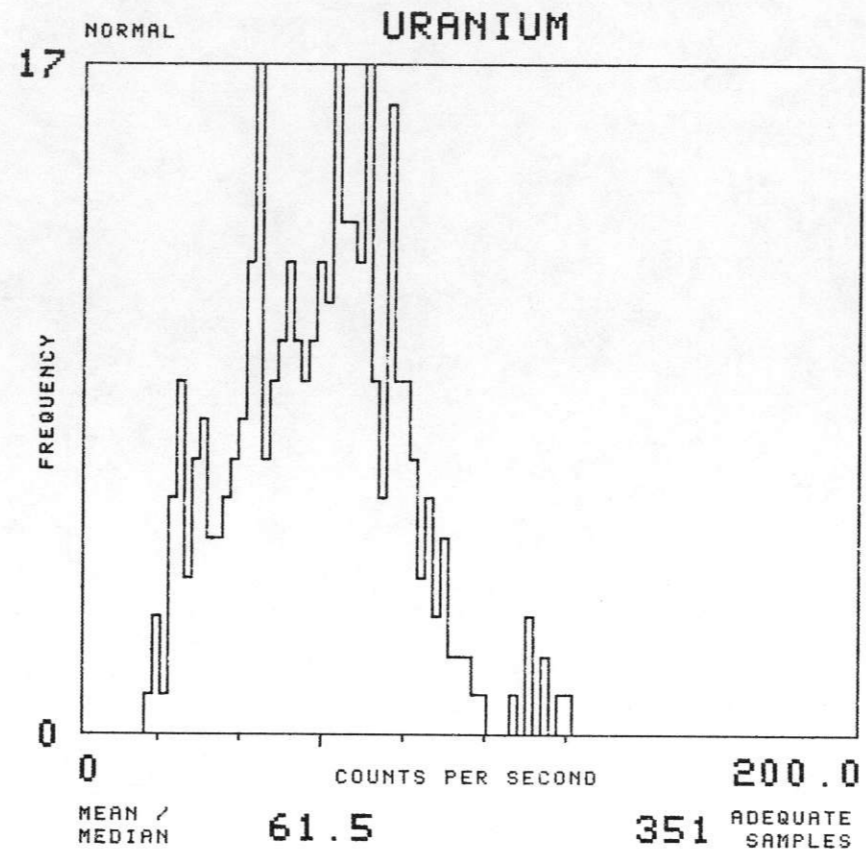
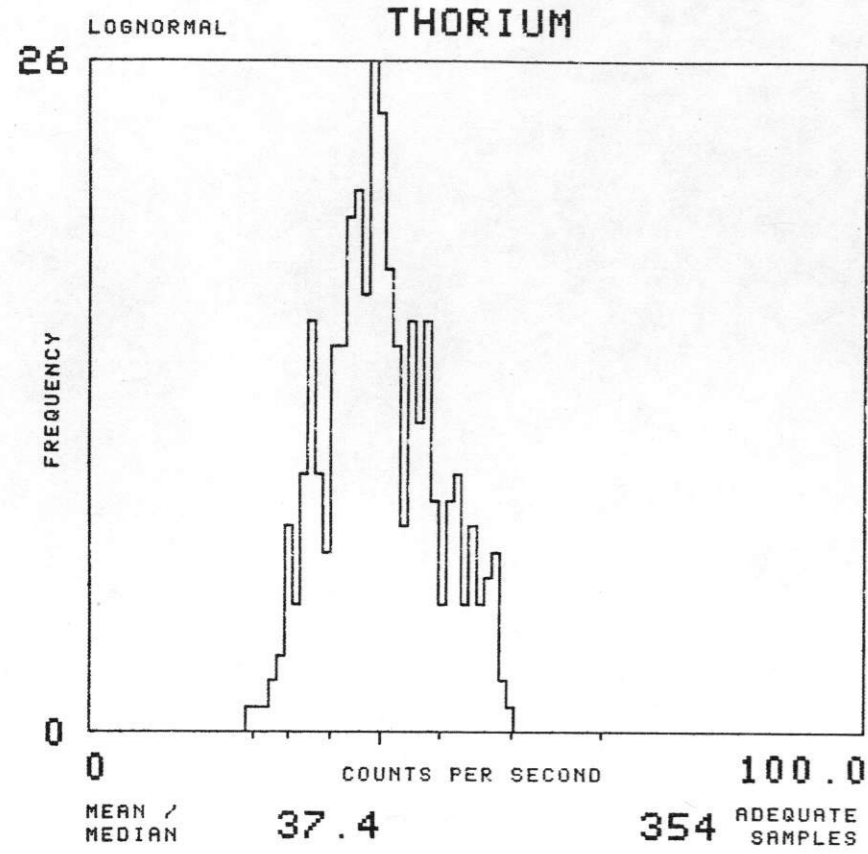


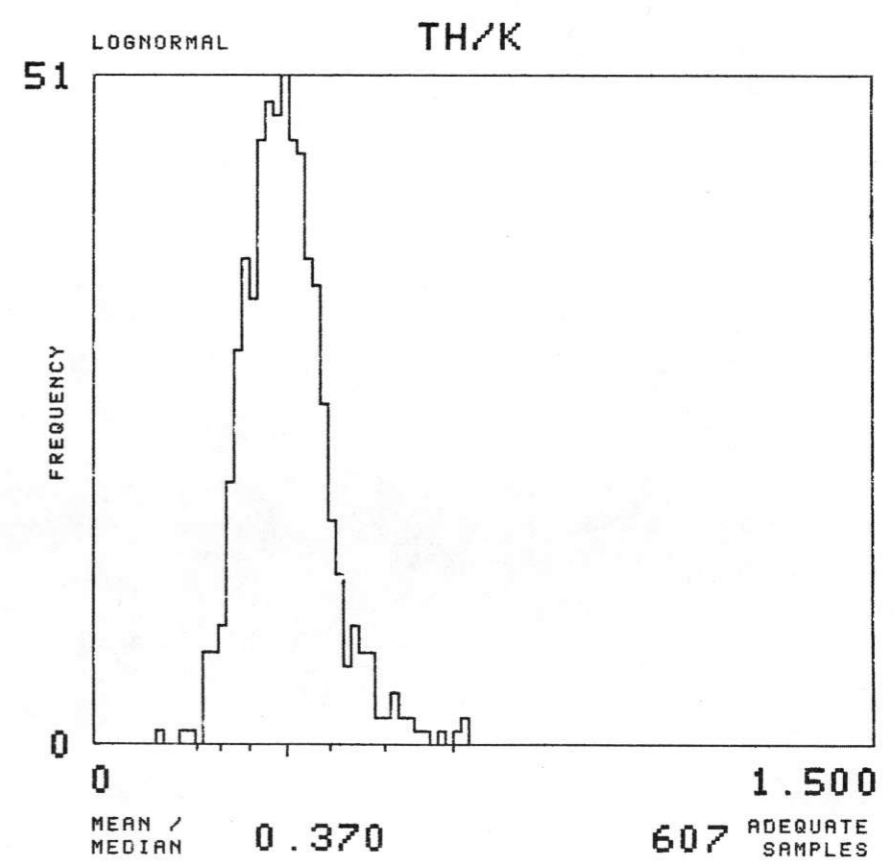
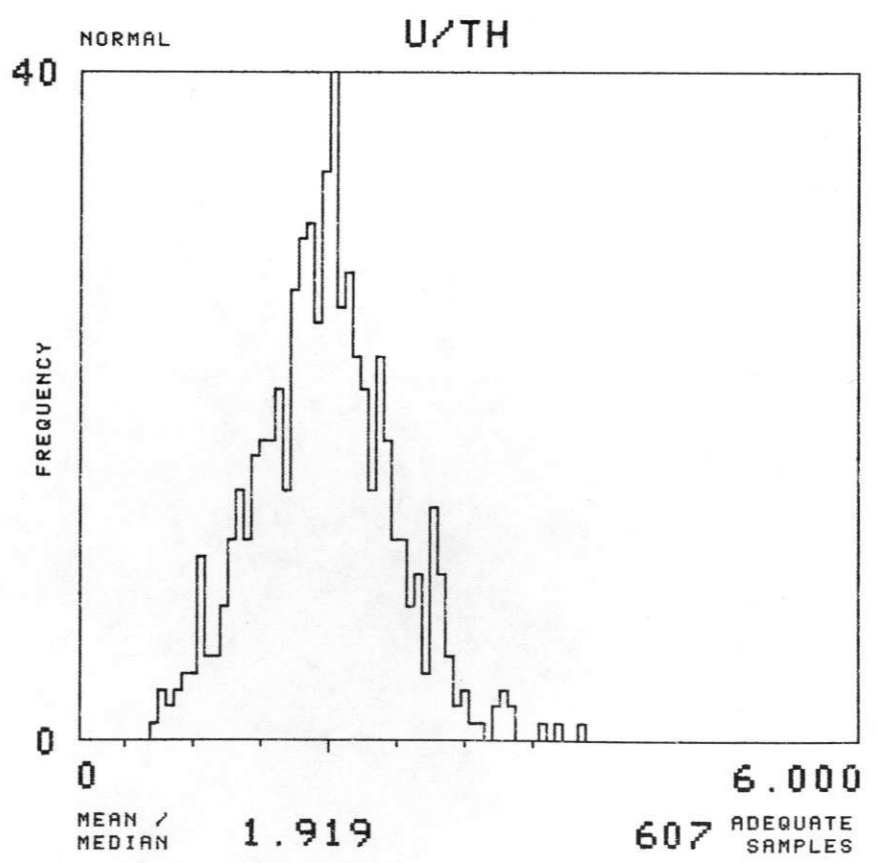
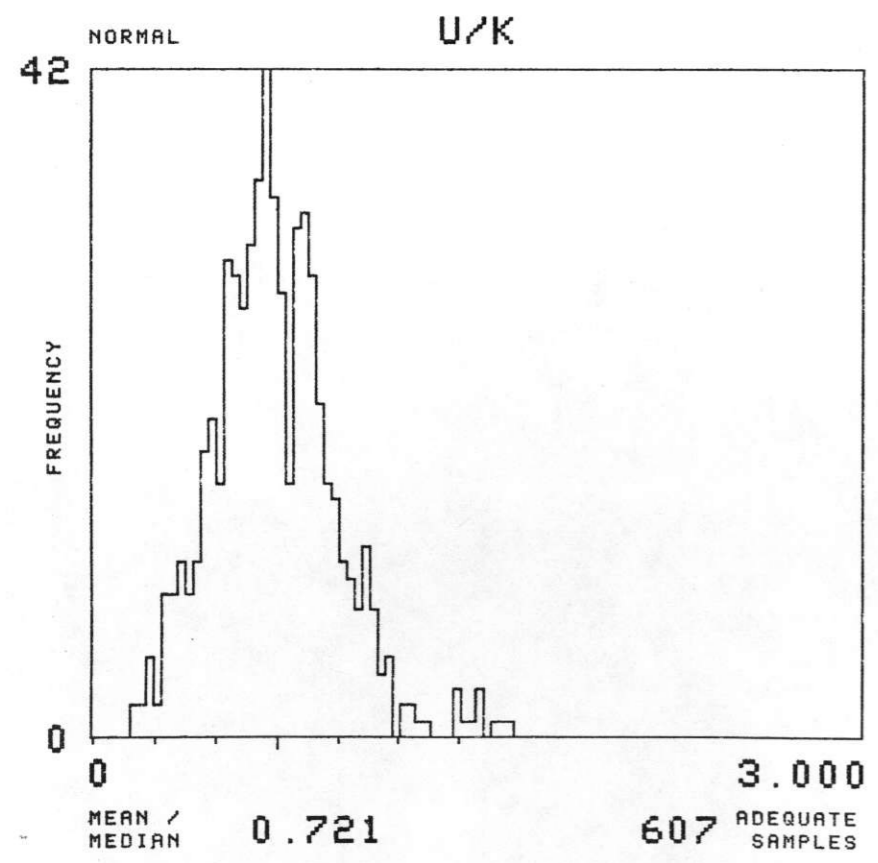
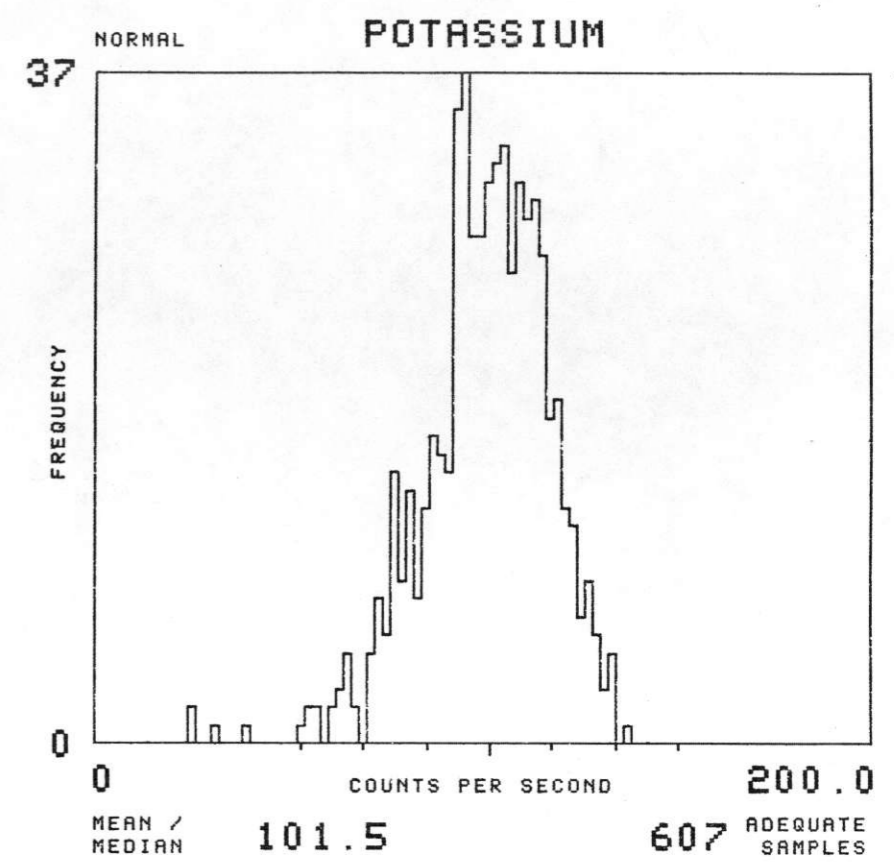
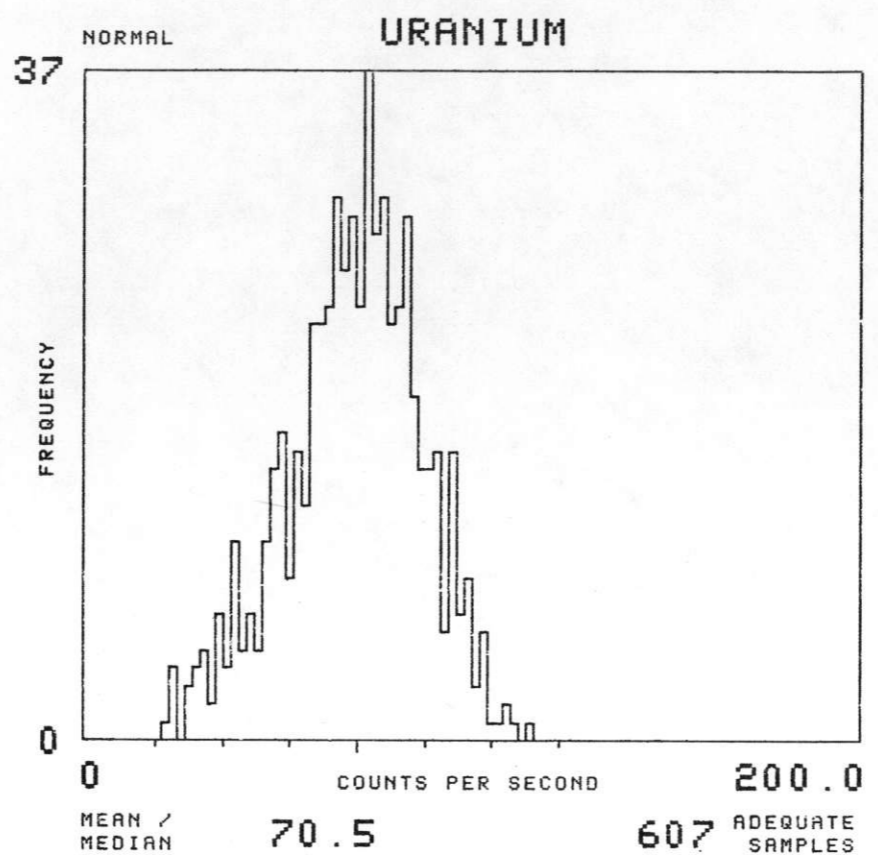
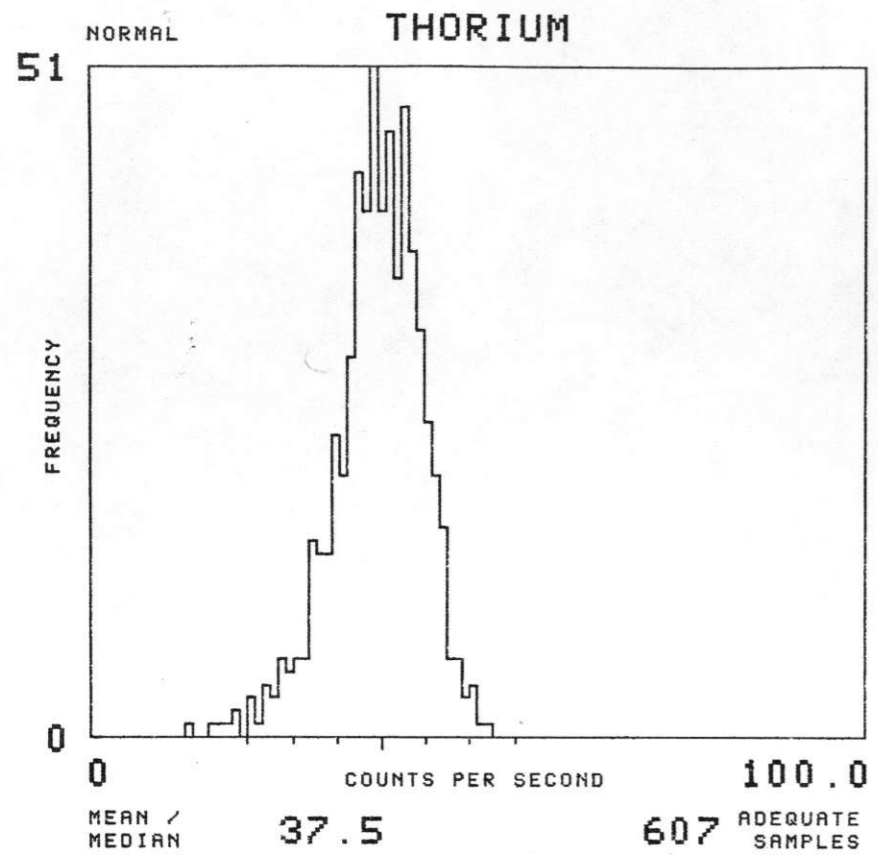
NTMS NK 14-9 FREMONT

SOIL GROUP : NRMDJ TOTAL NUMBER OF SAMPLES 301

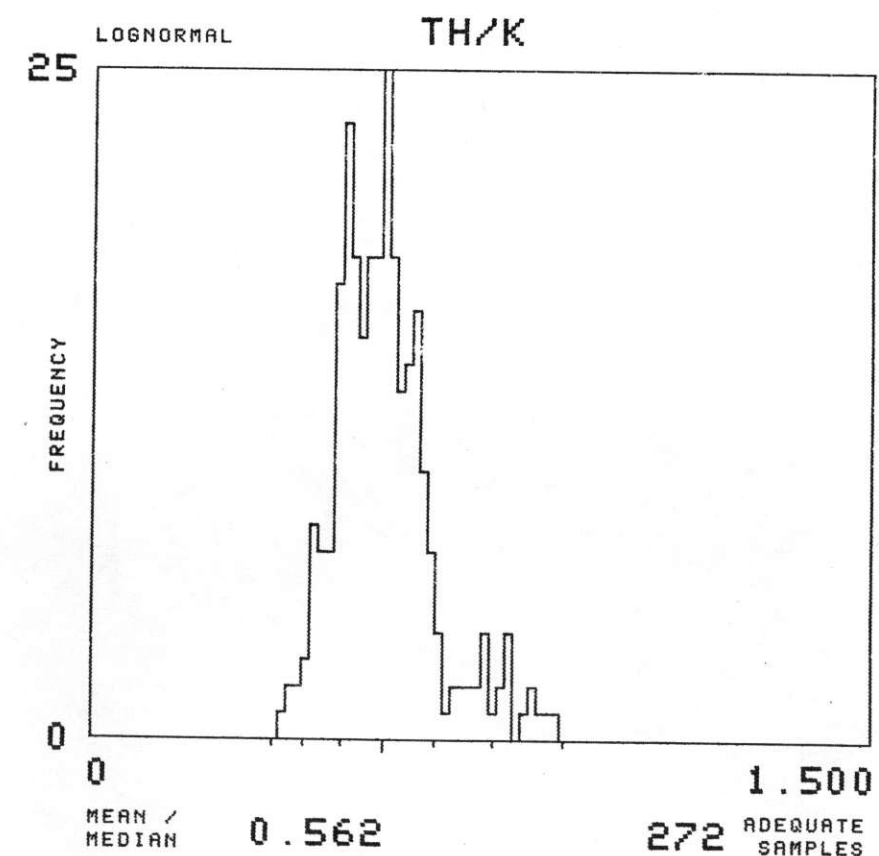
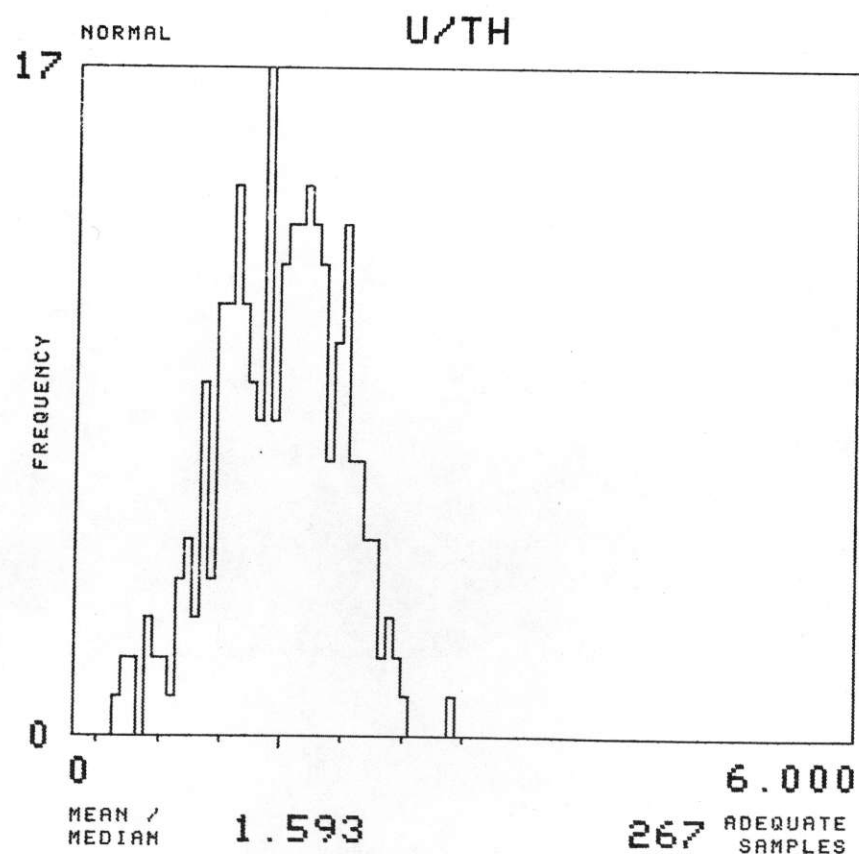
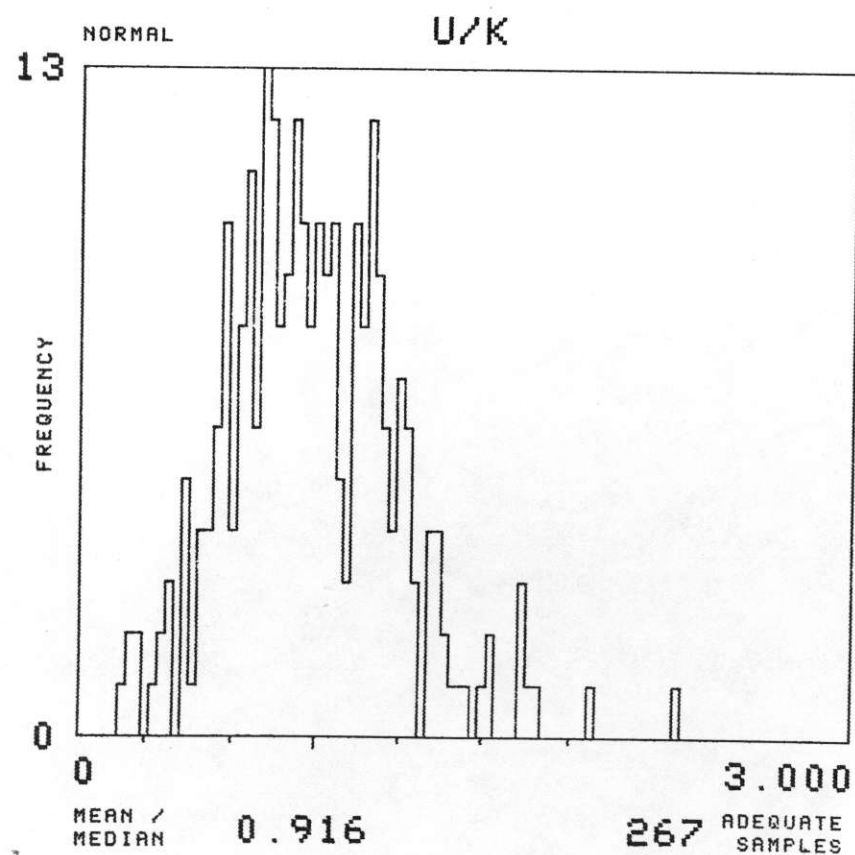
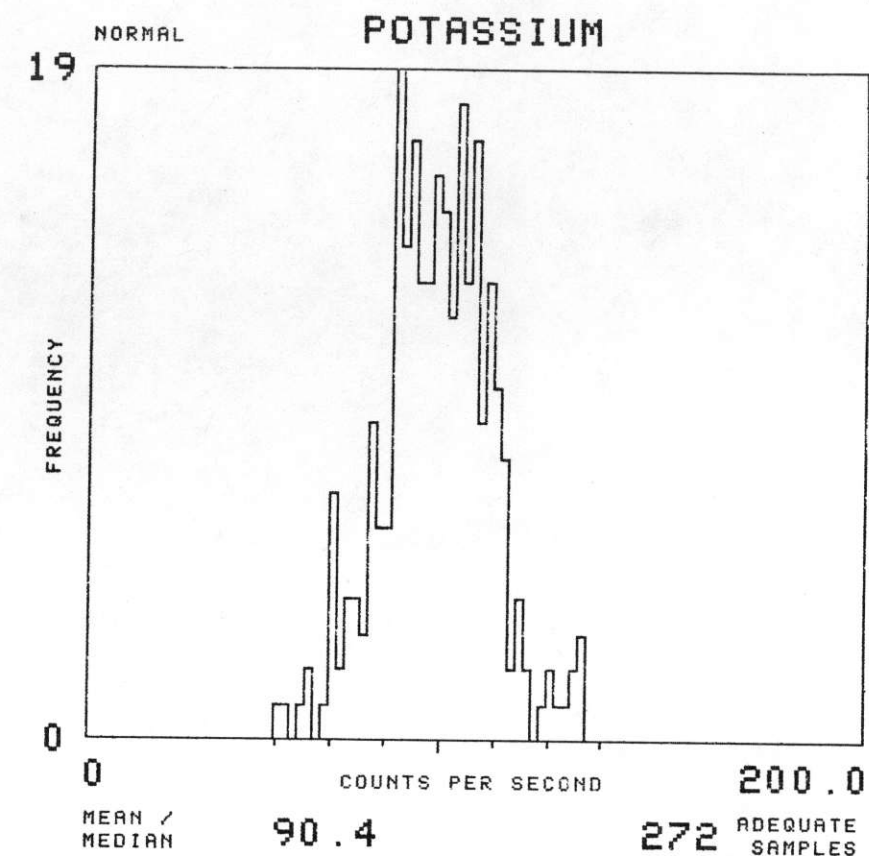
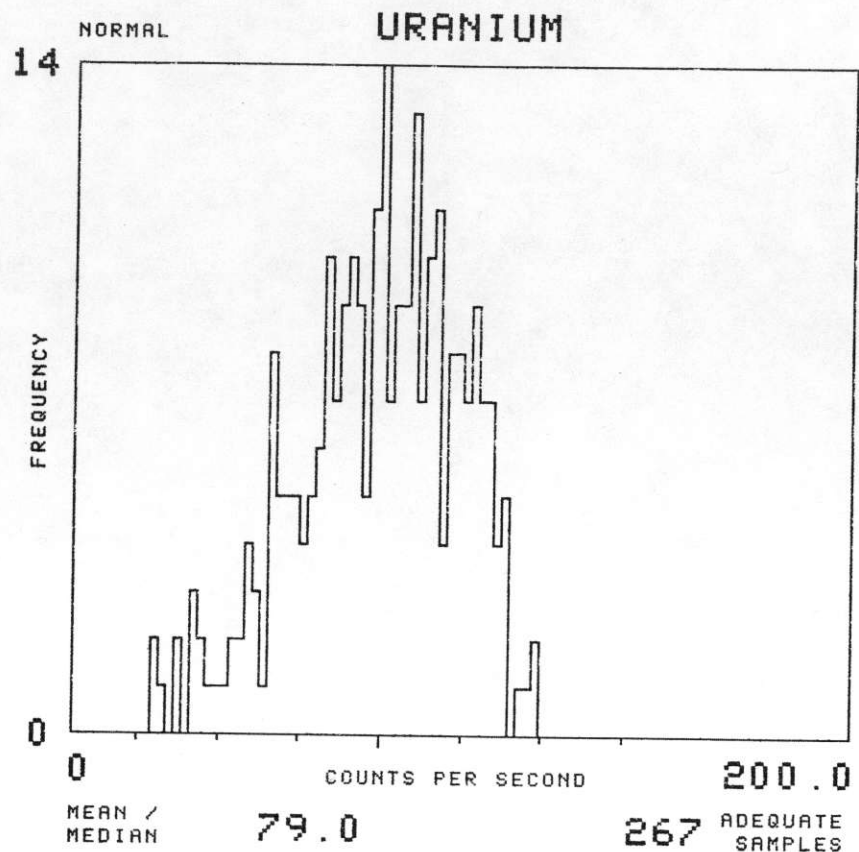
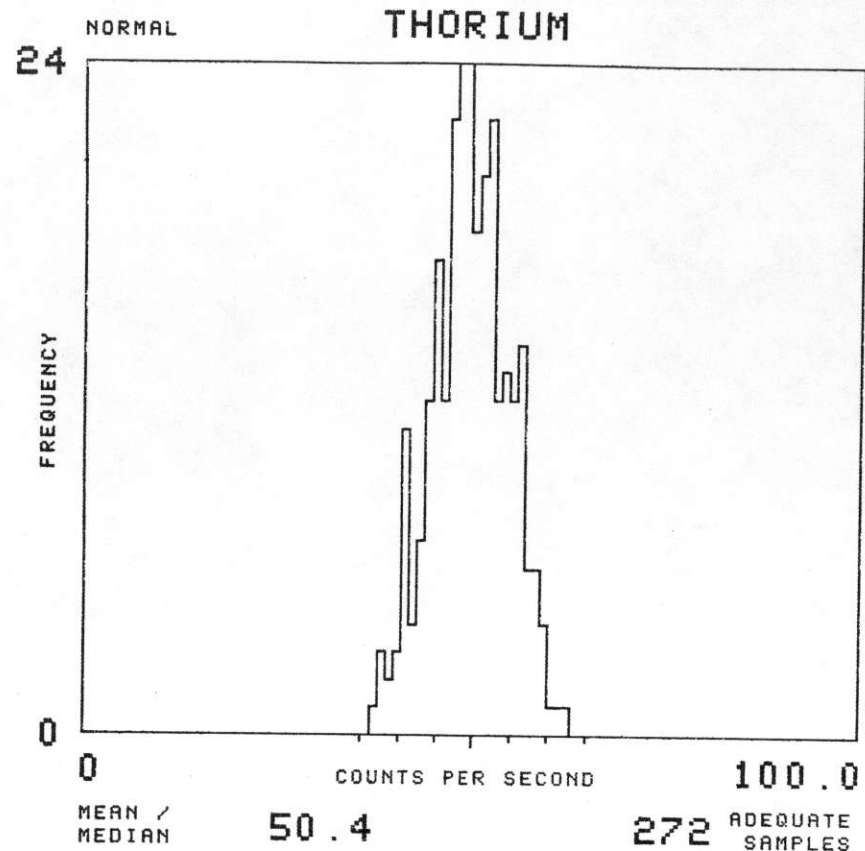
EAST SALINA BASIN - GEOMETRICS 1977

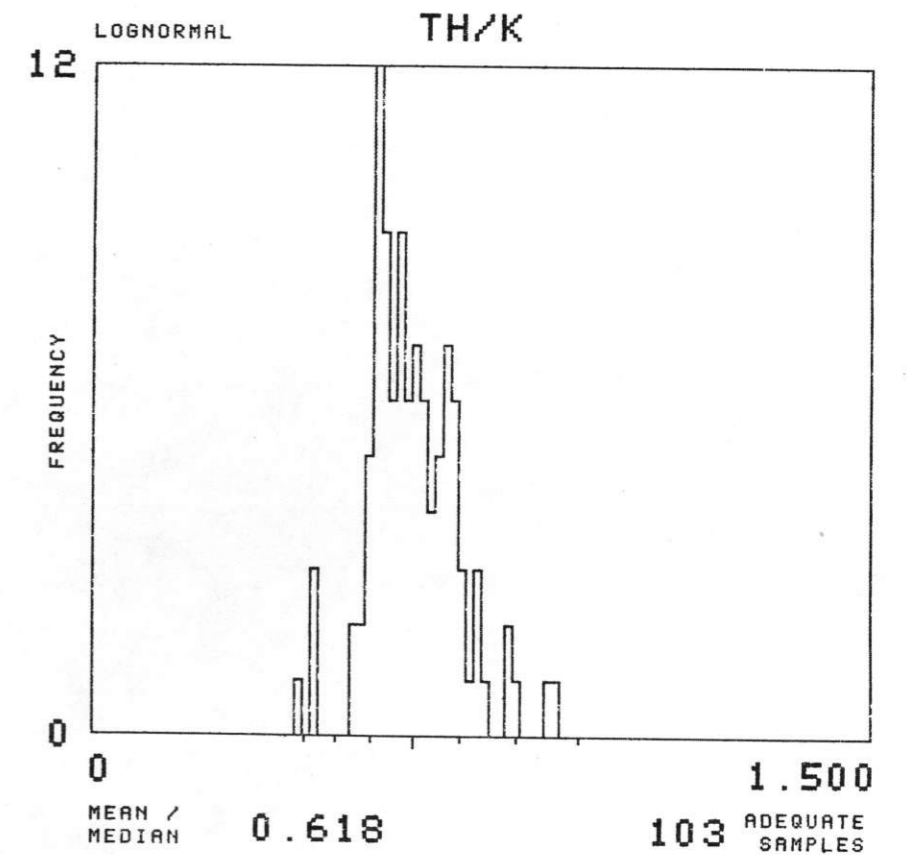
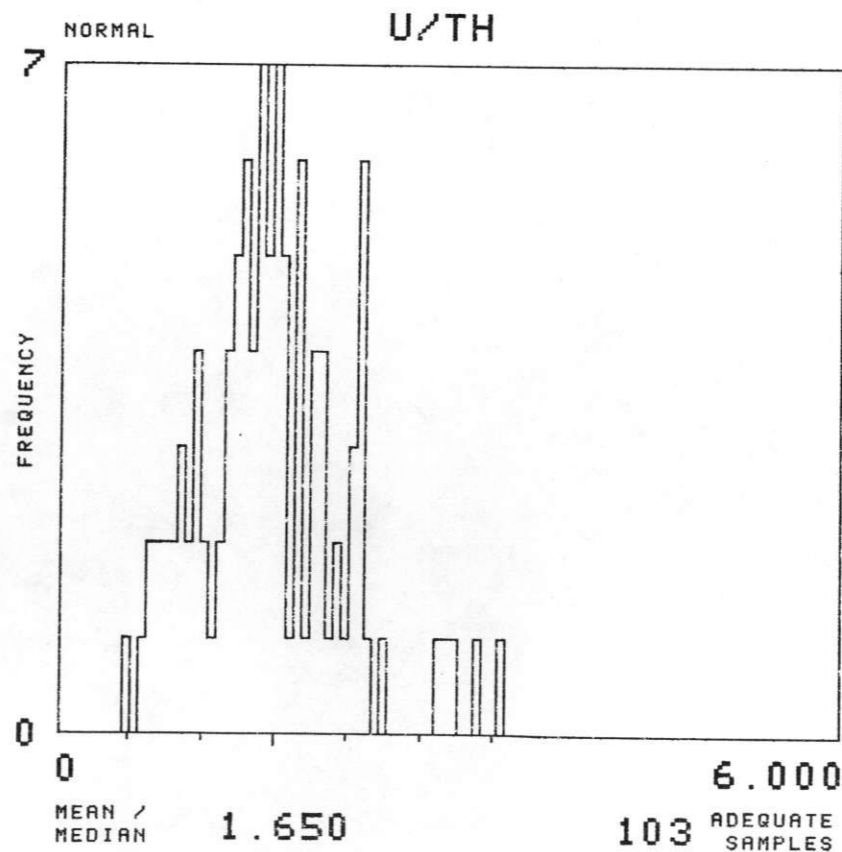
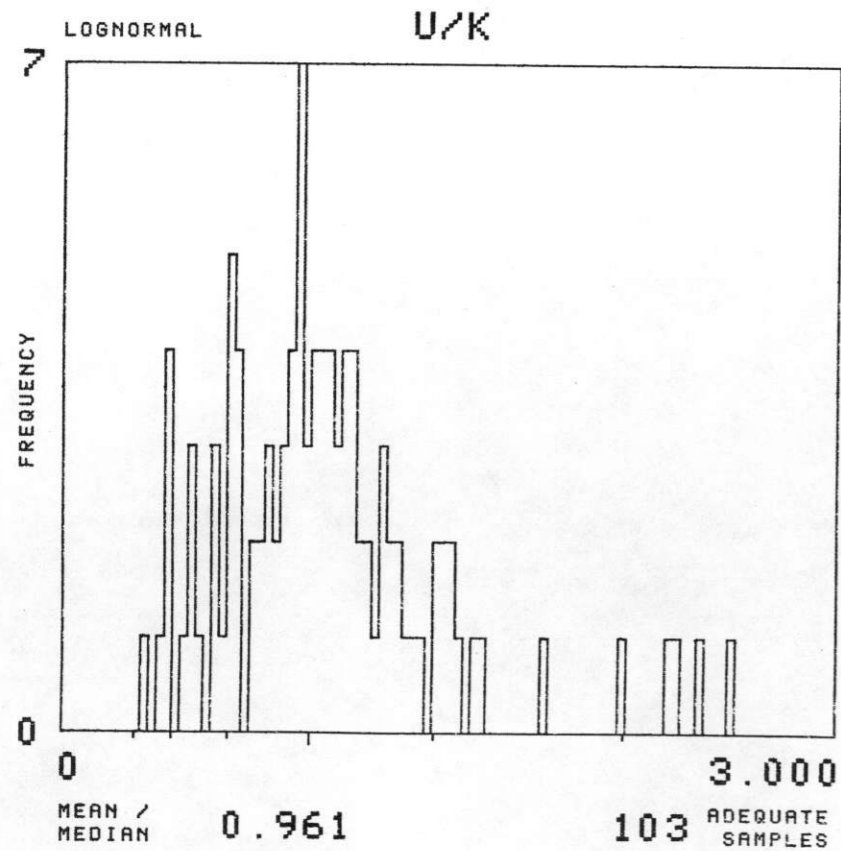
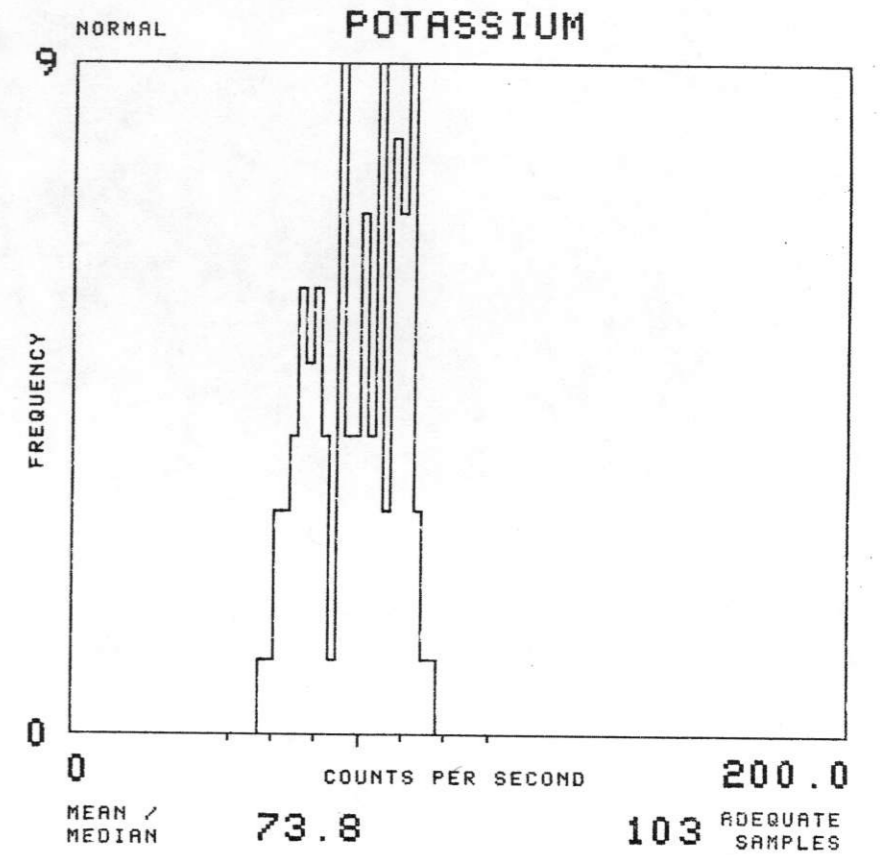
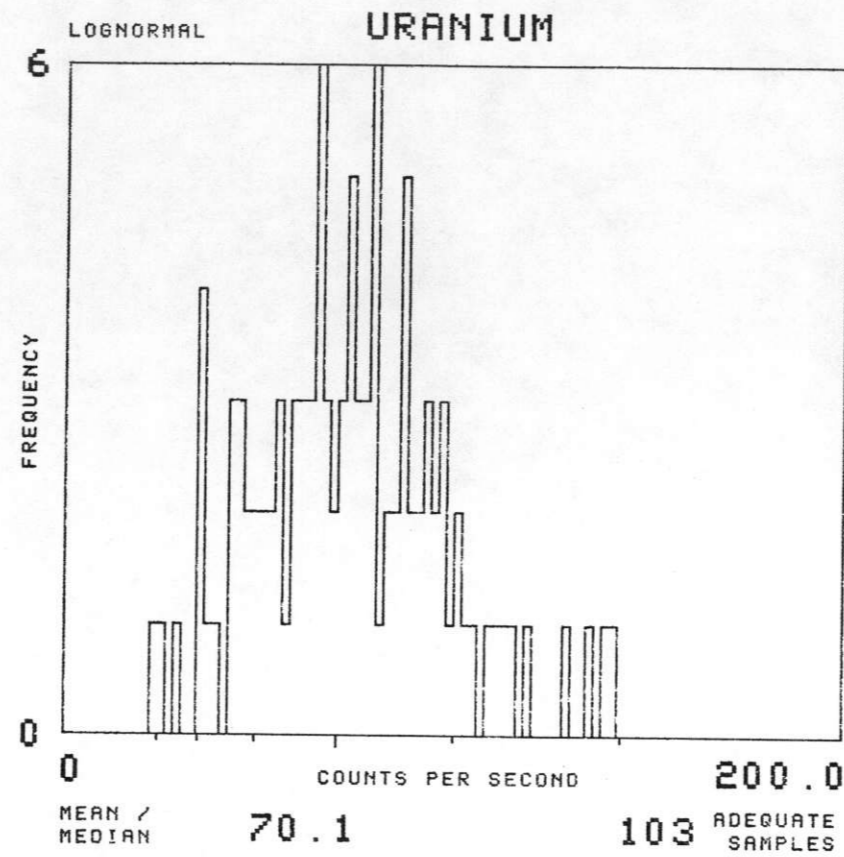
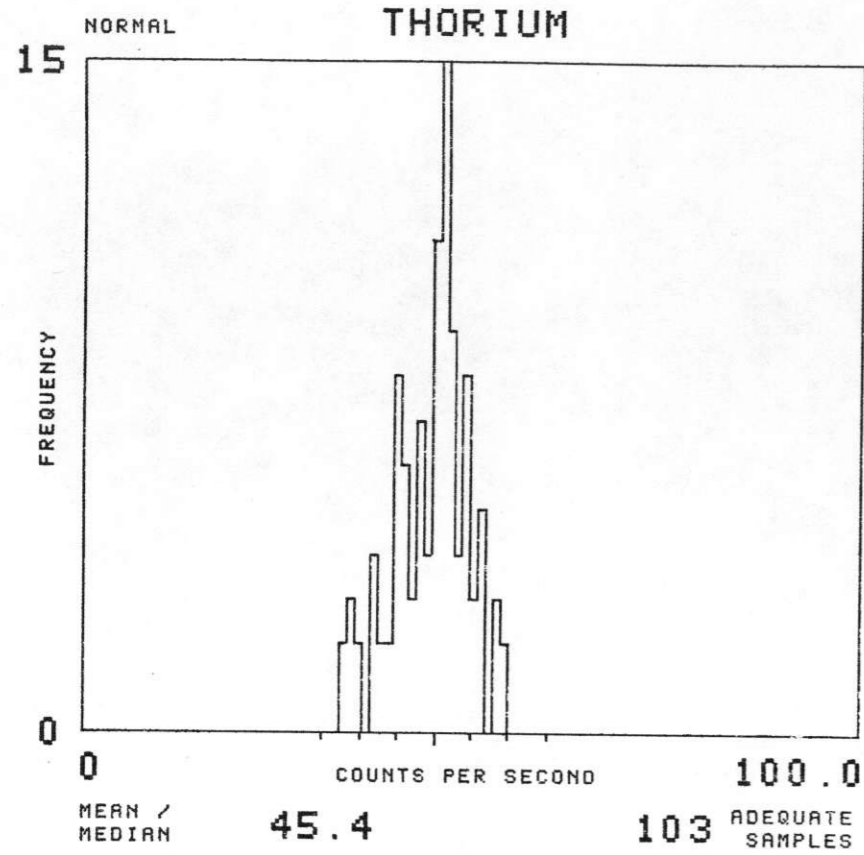


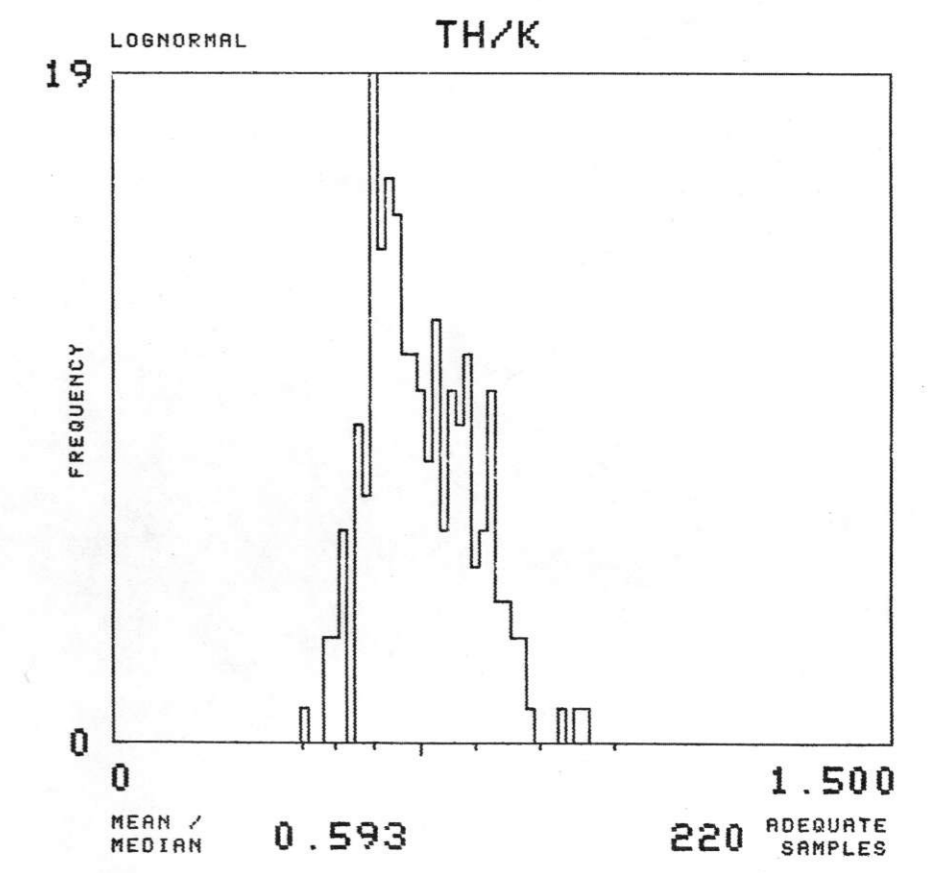
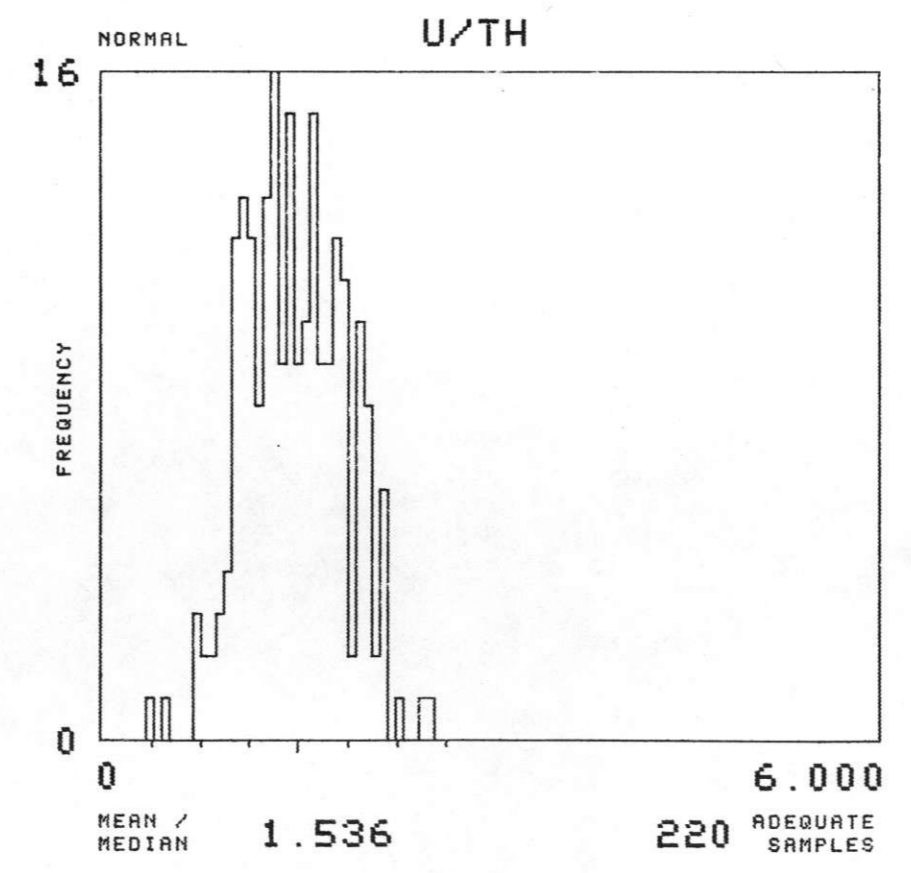
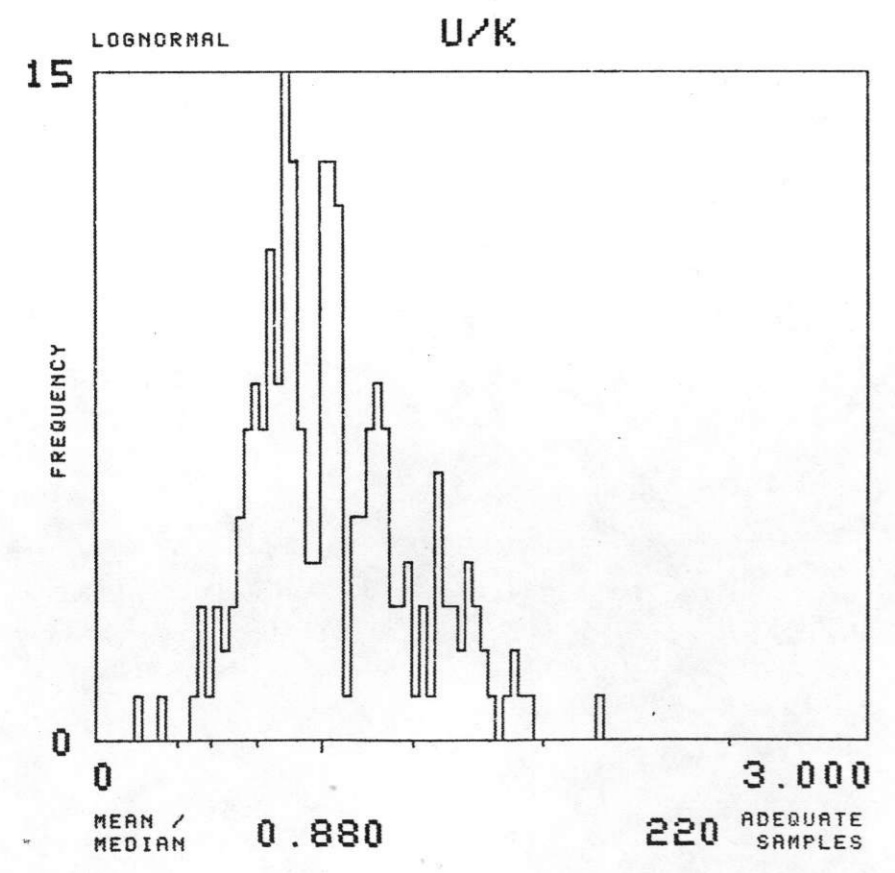
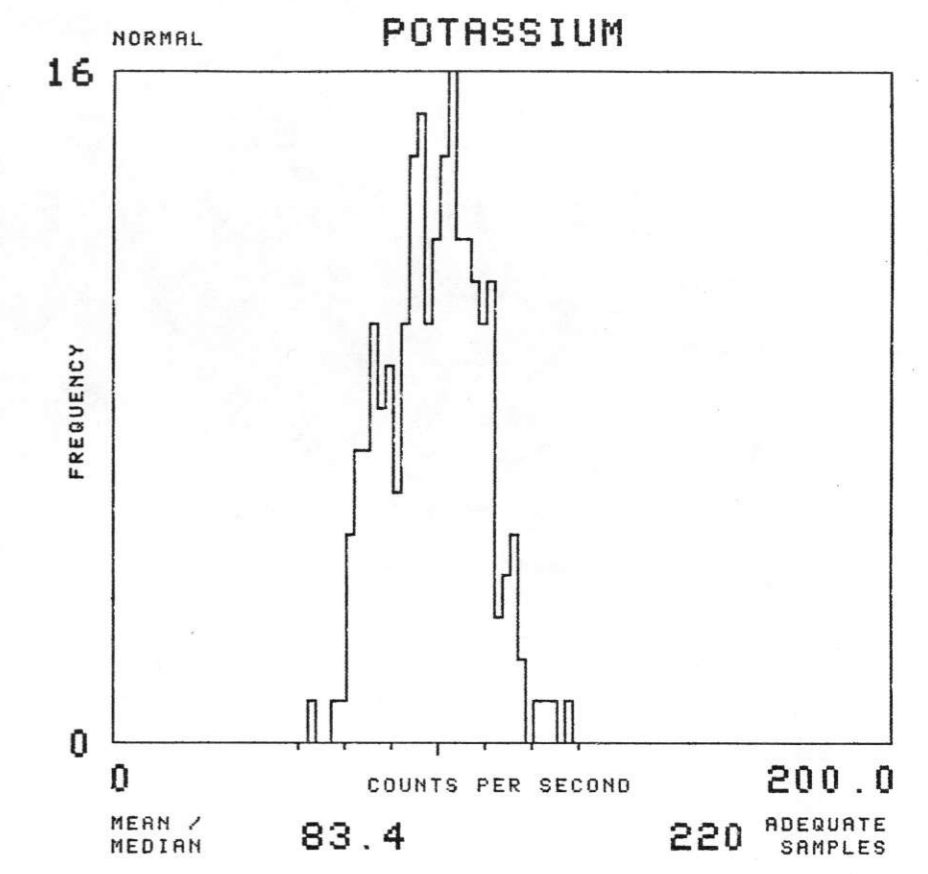
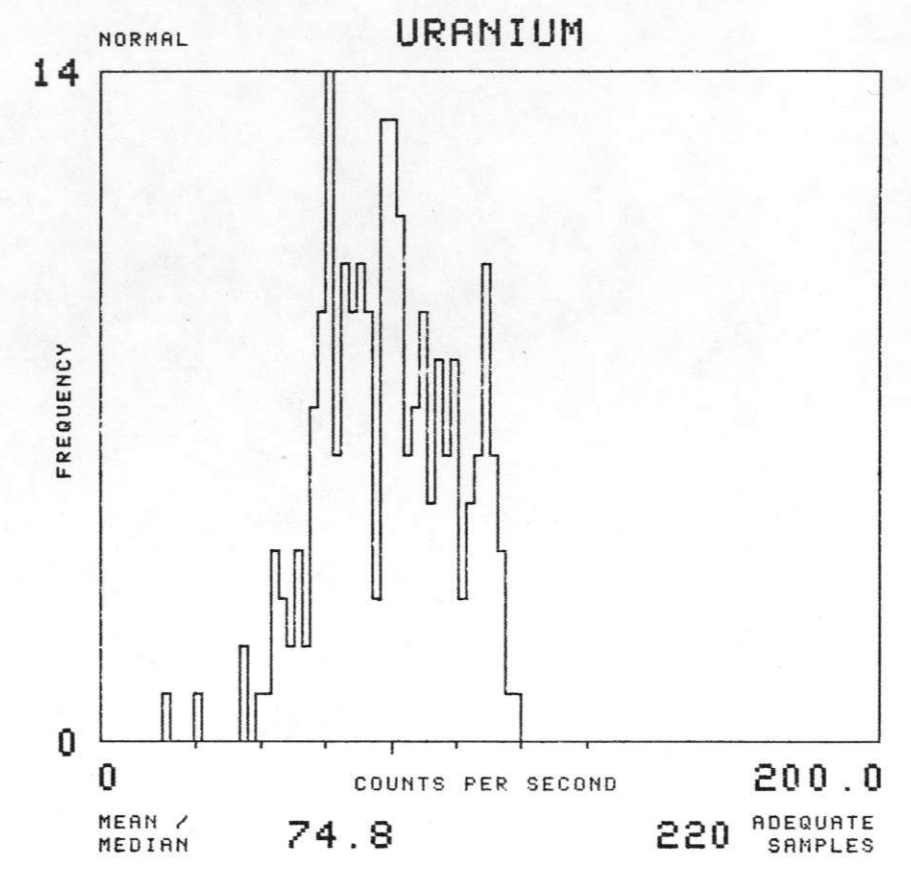
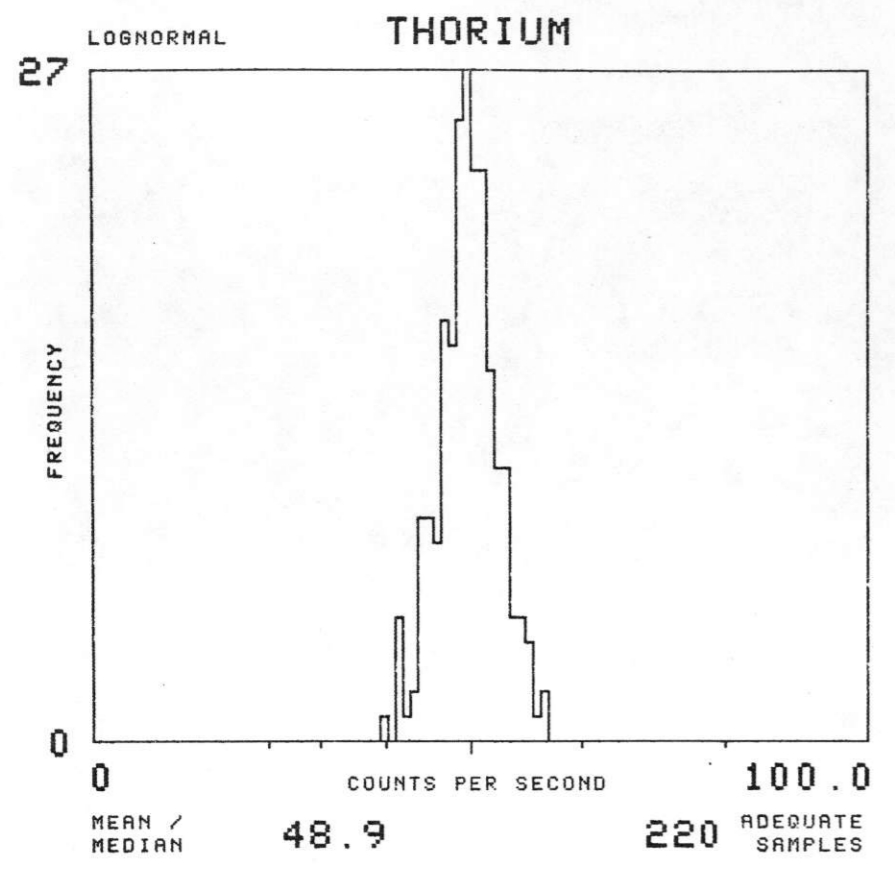


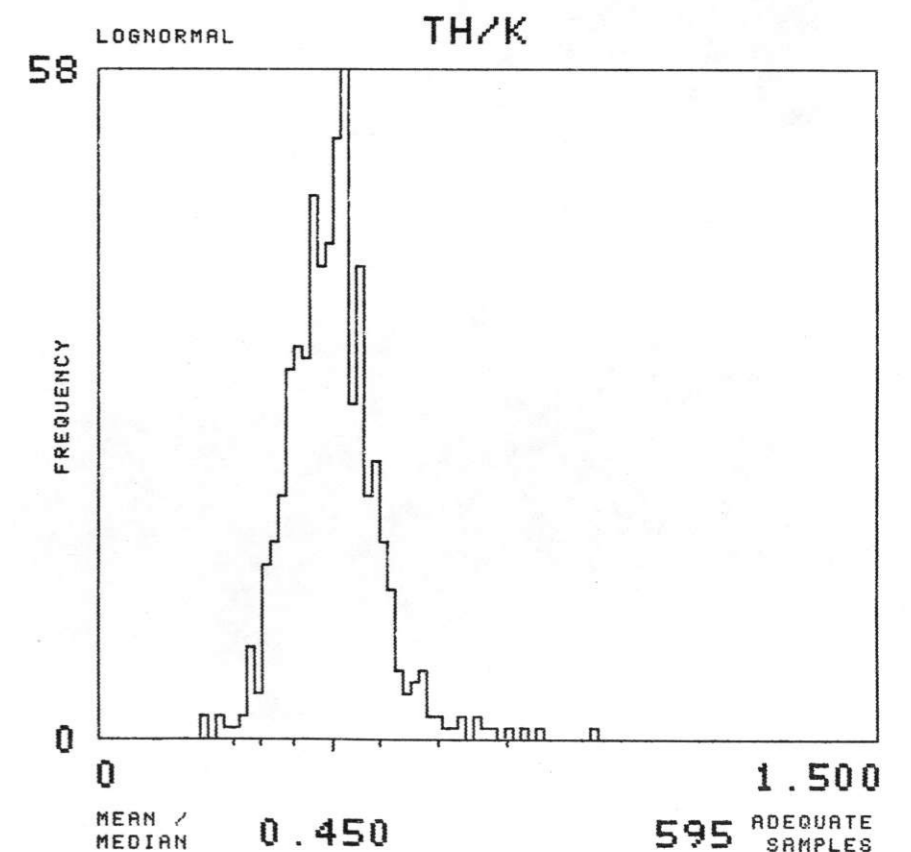
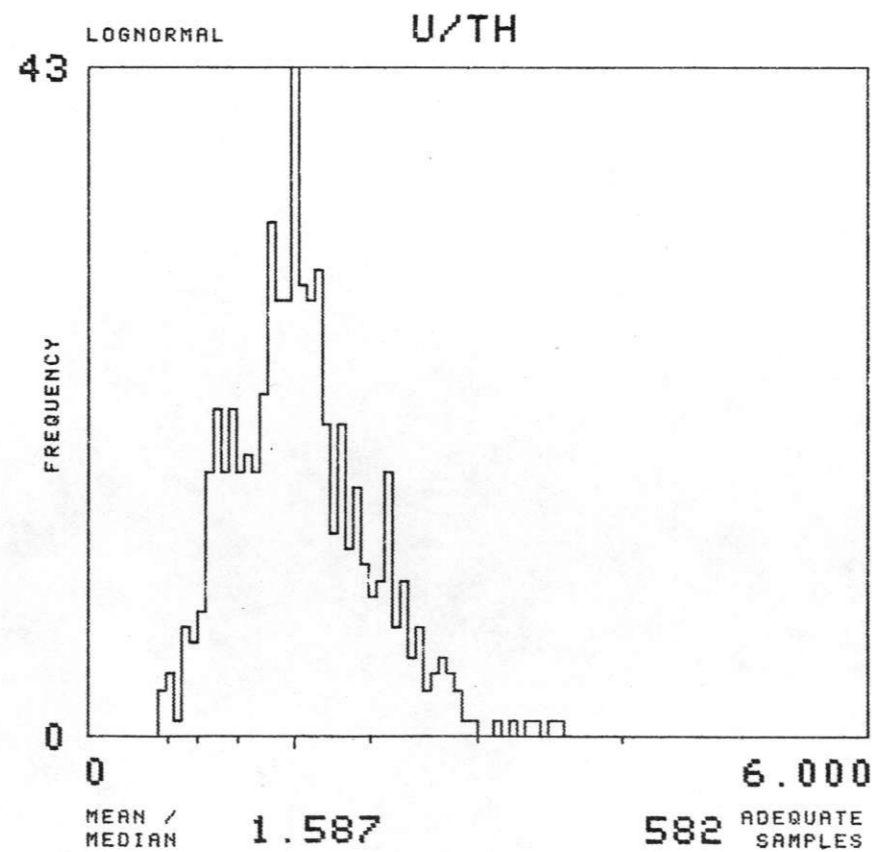
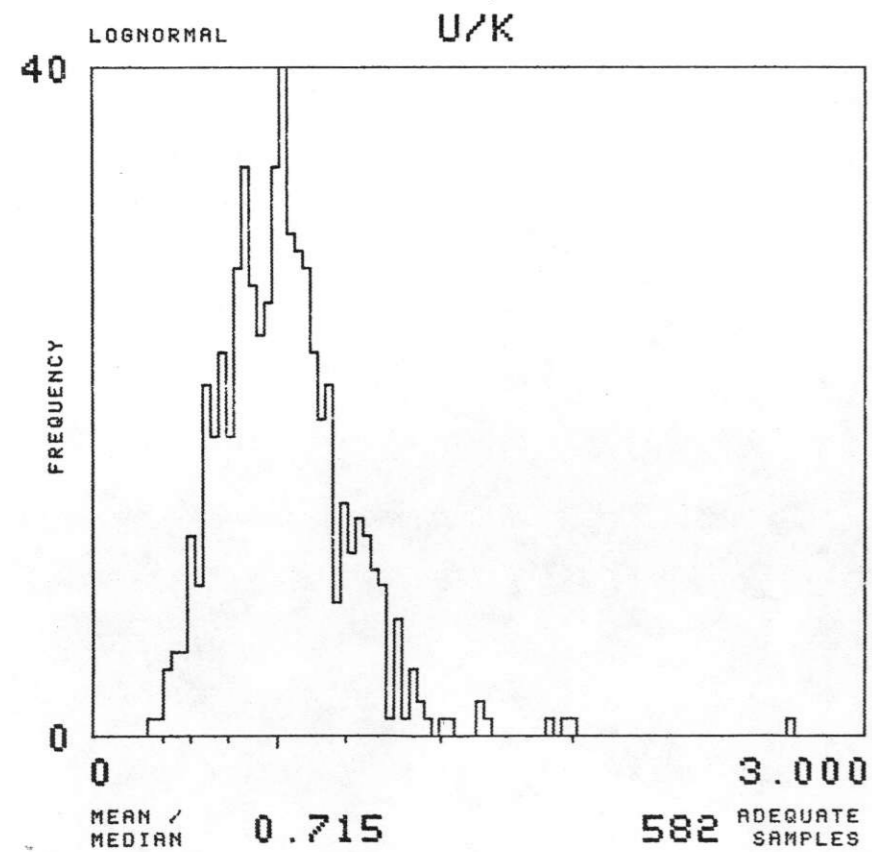
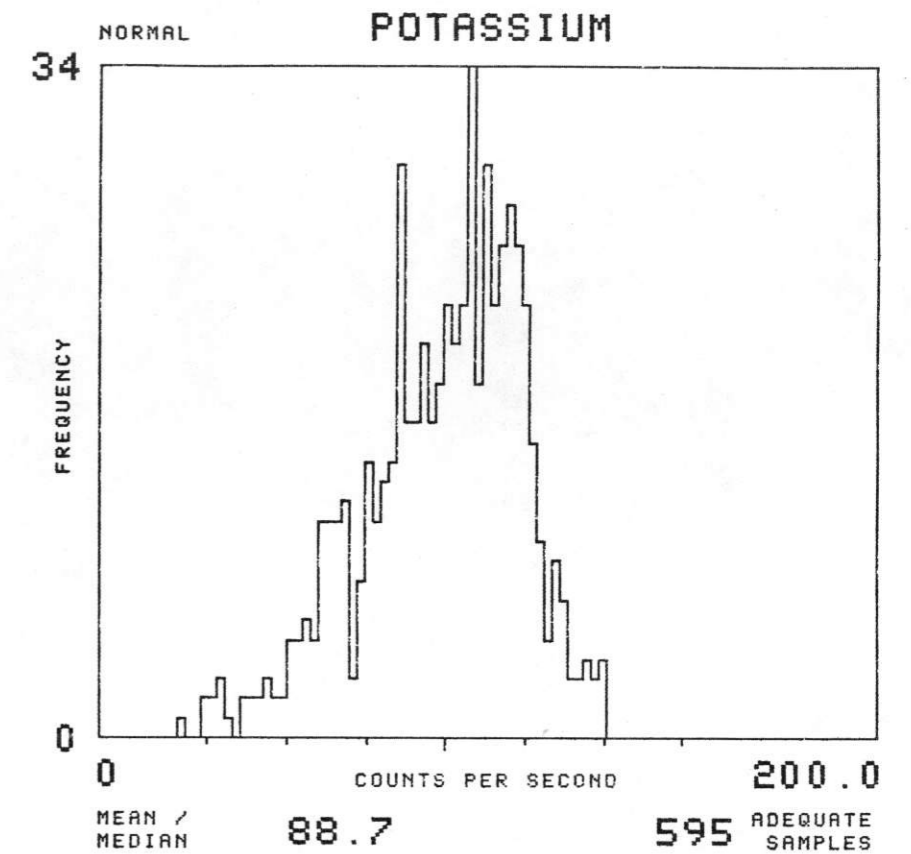
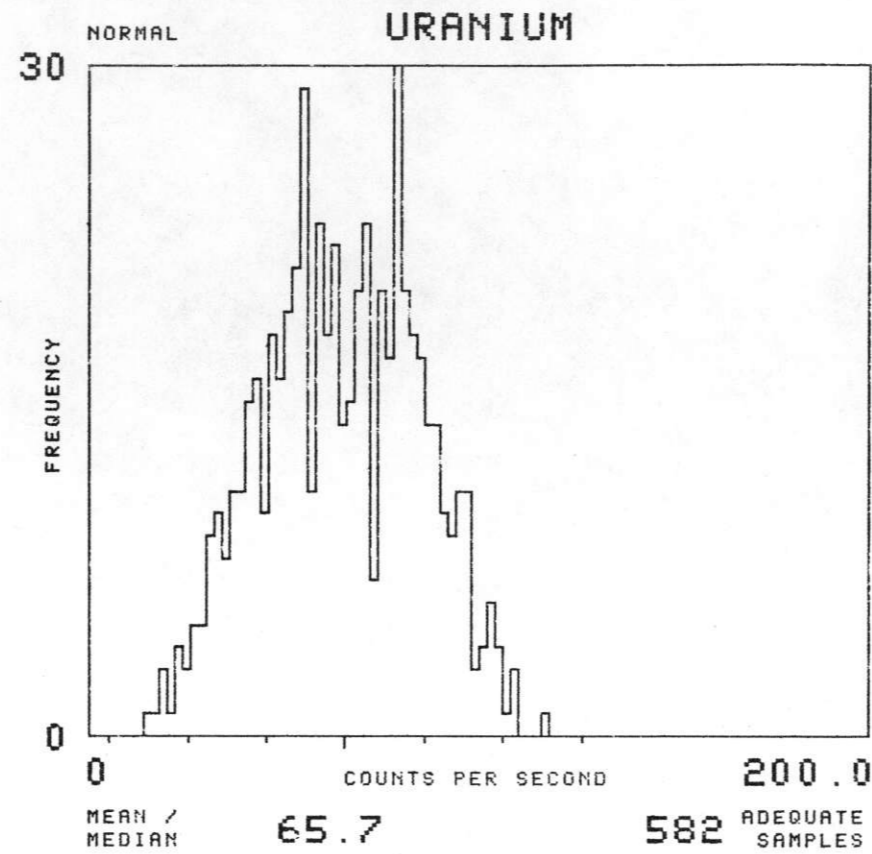
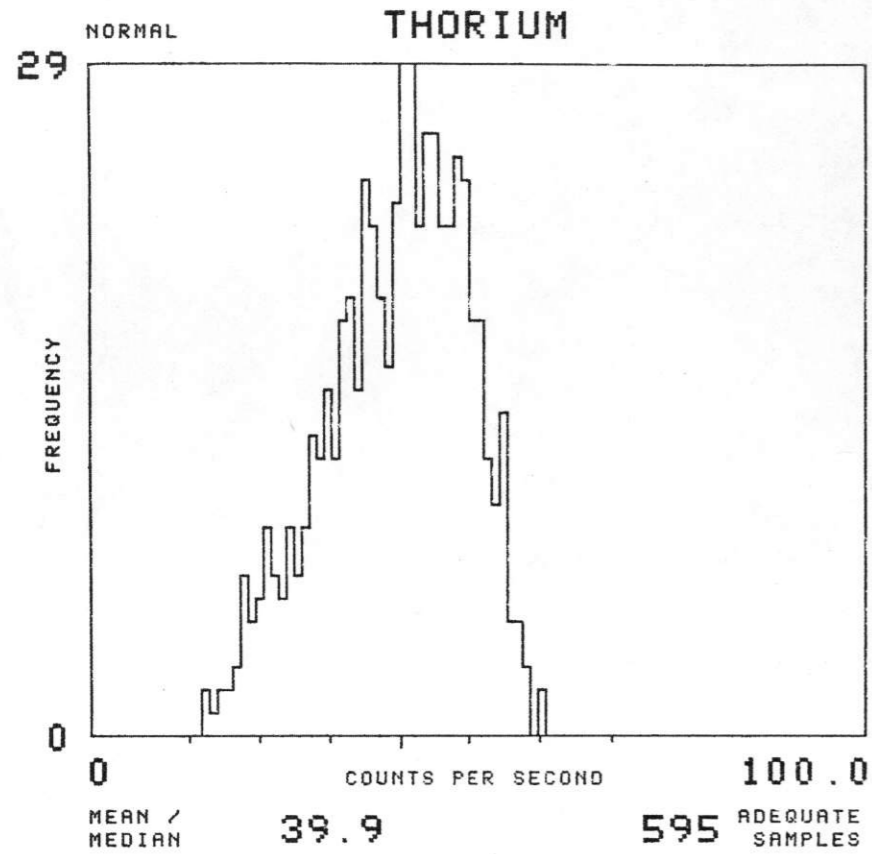


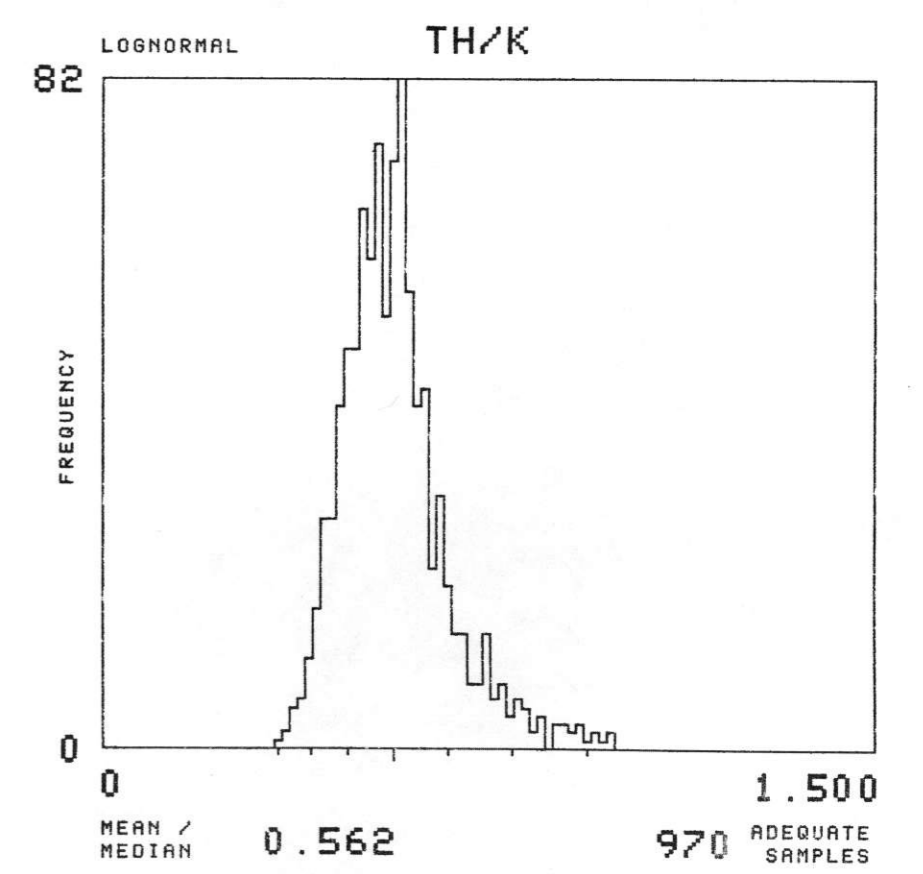
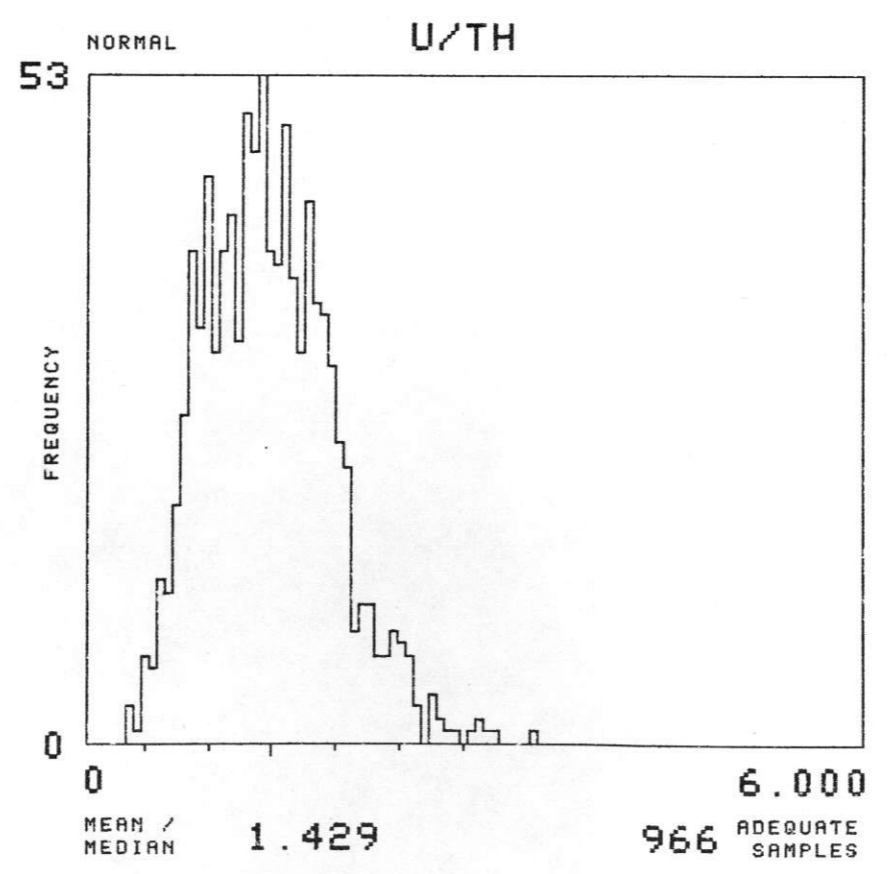
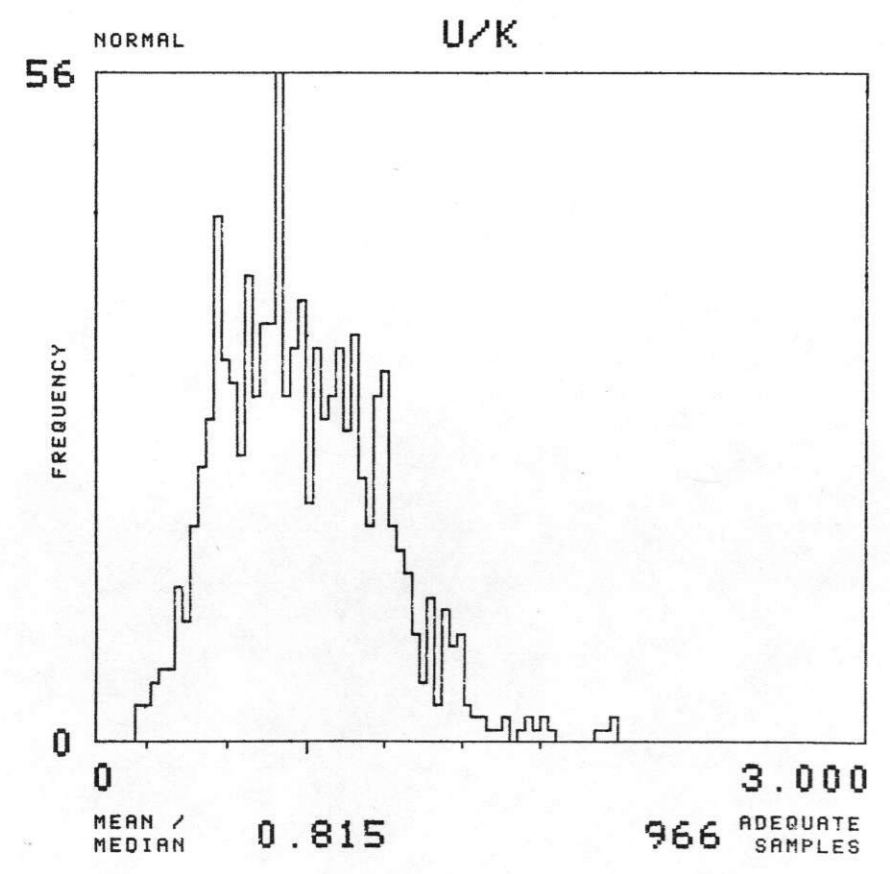
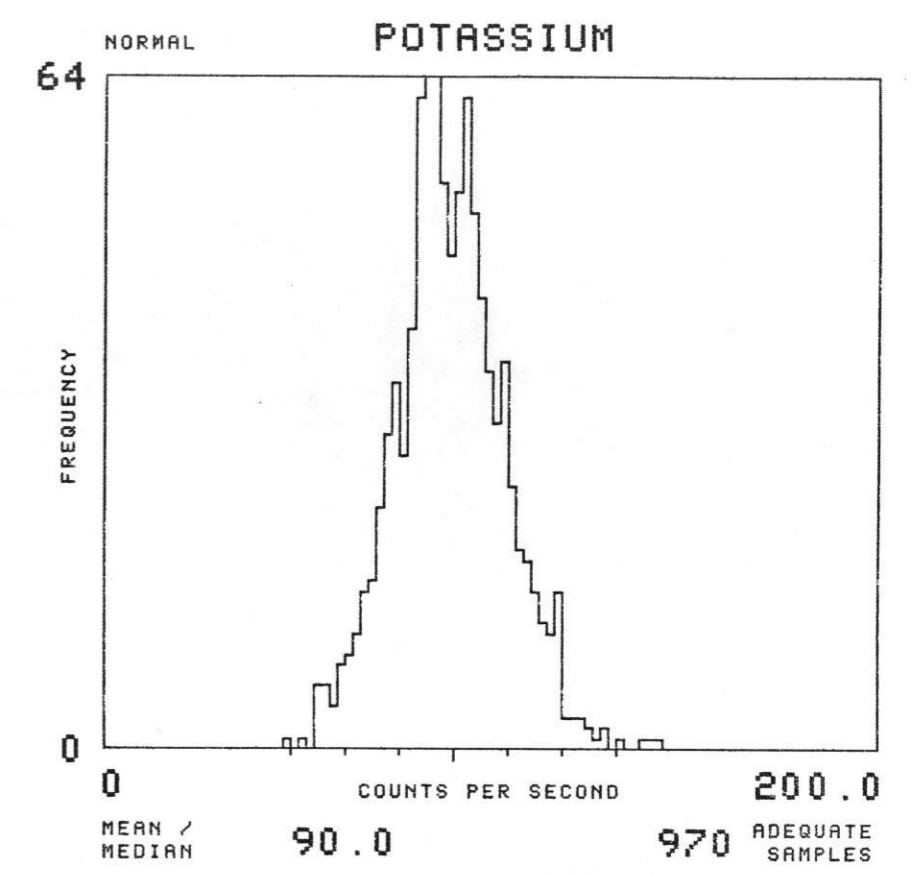
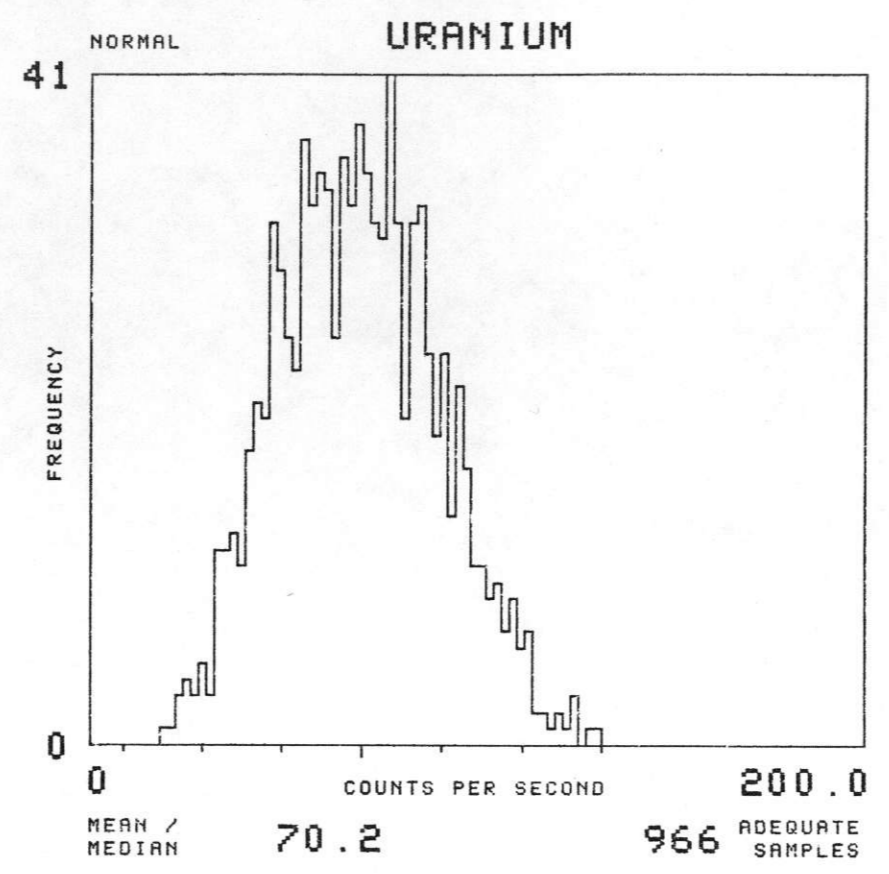
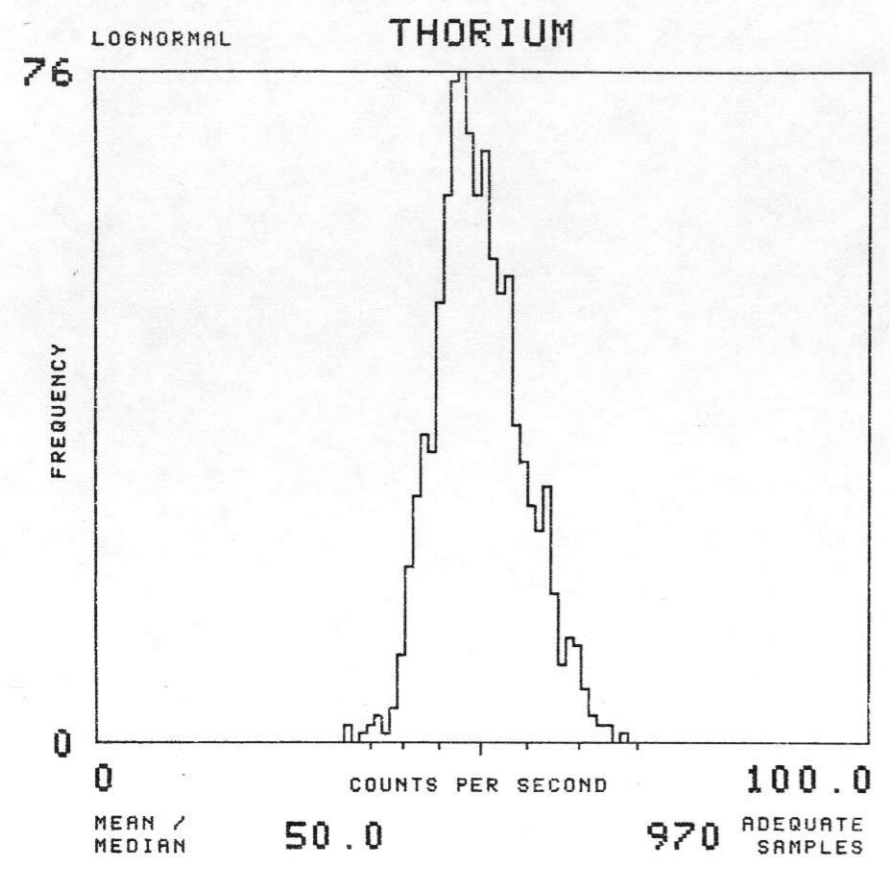


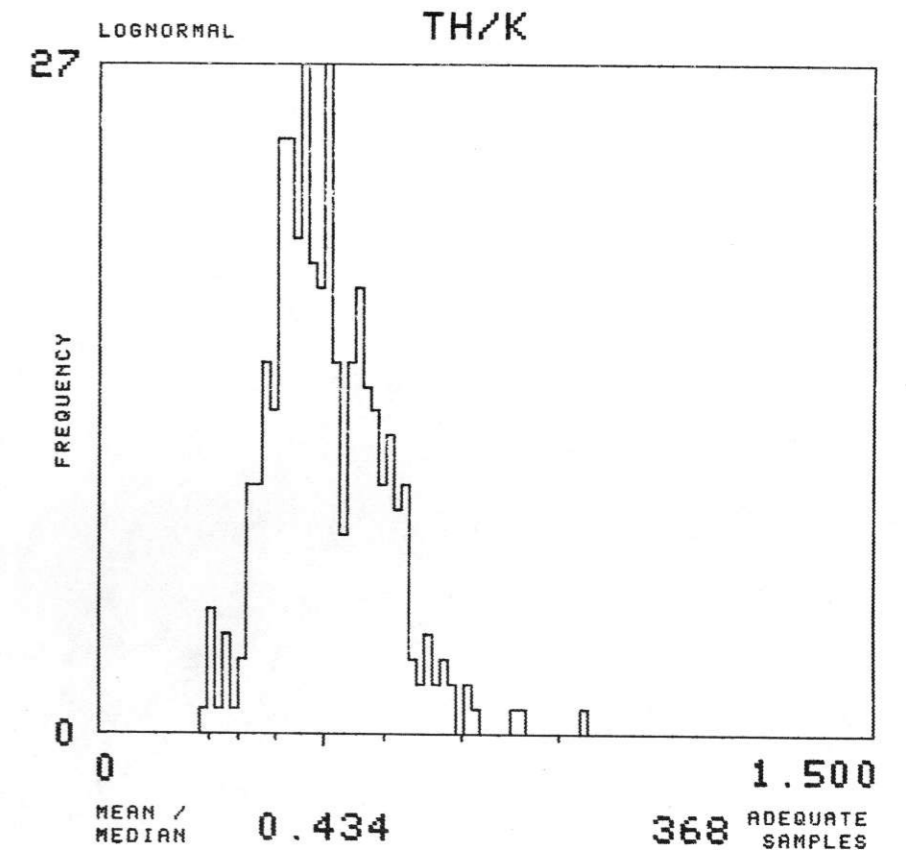
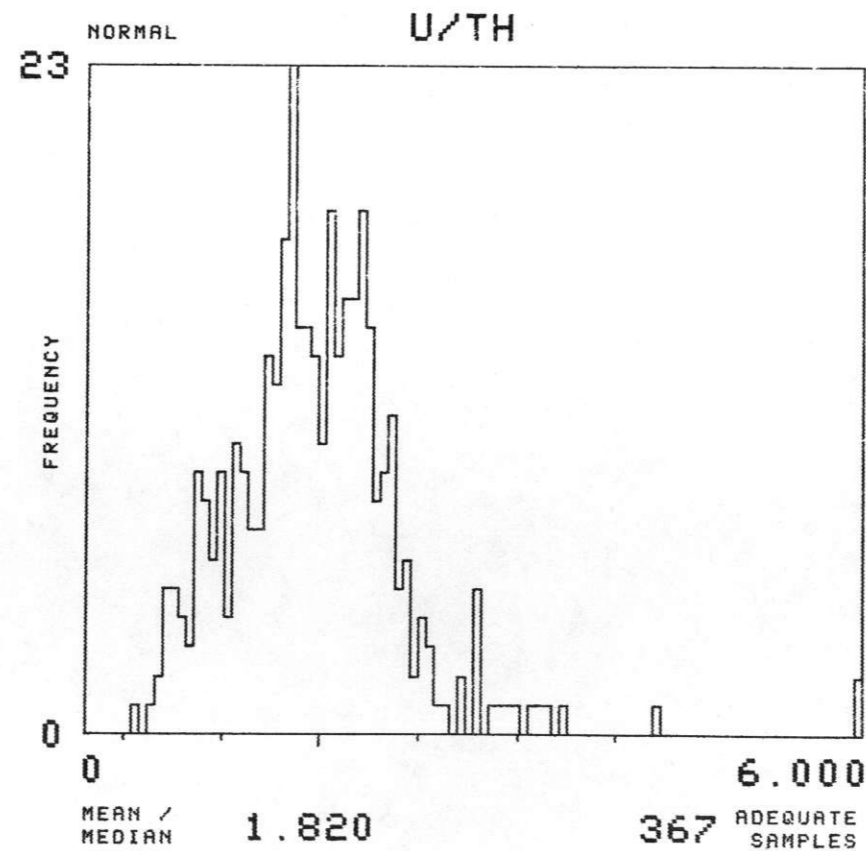
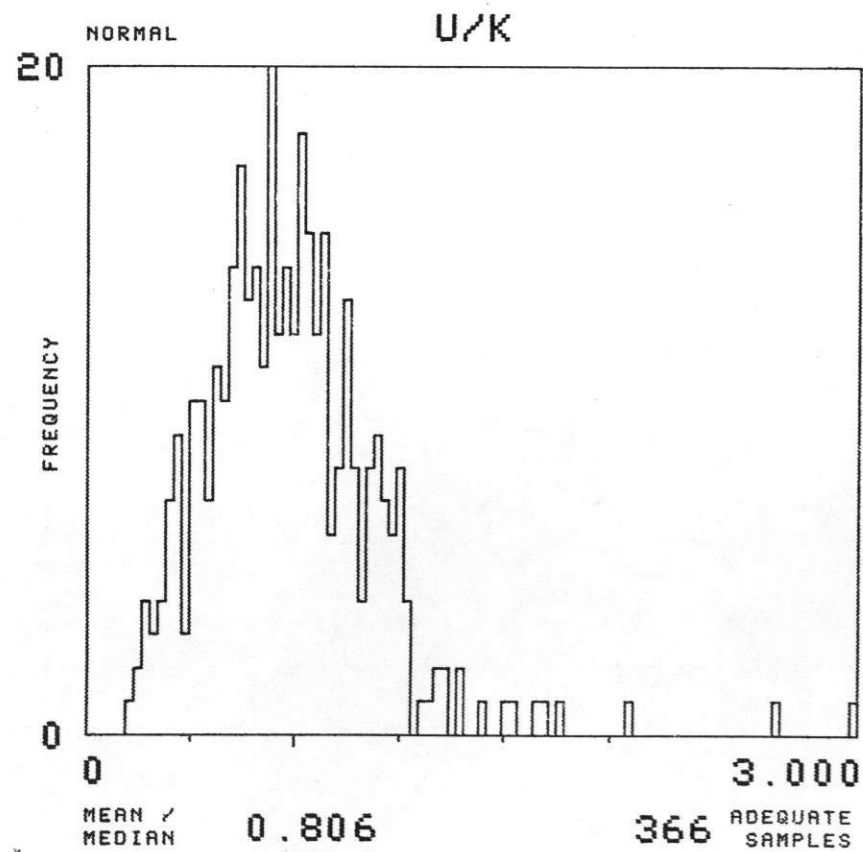
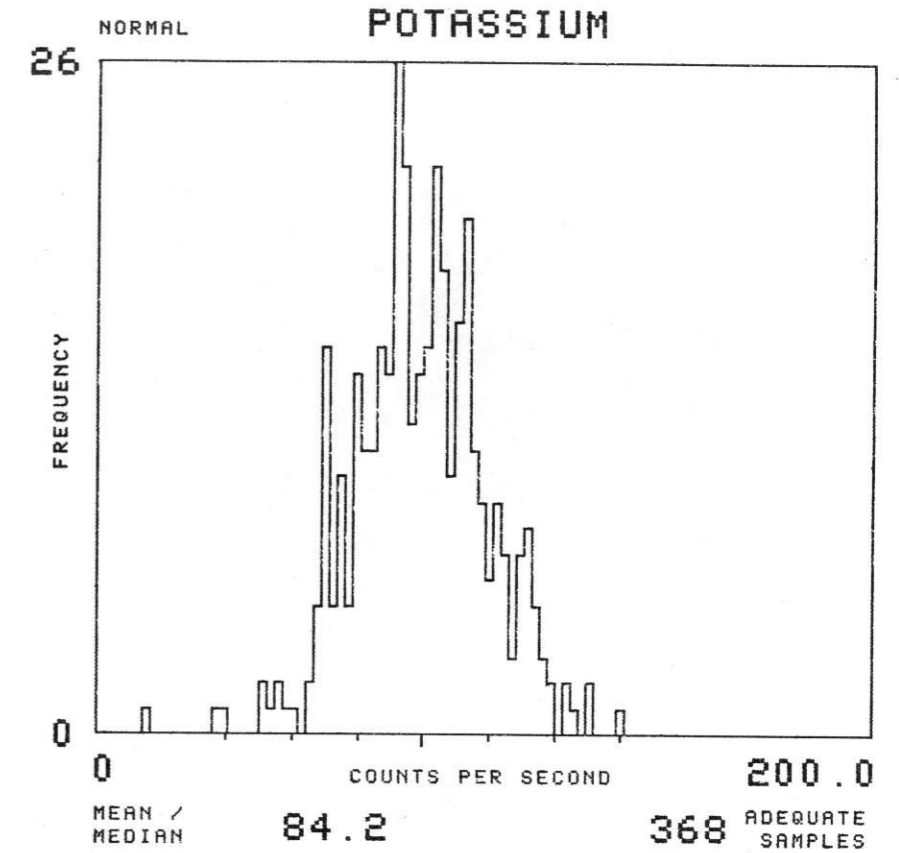
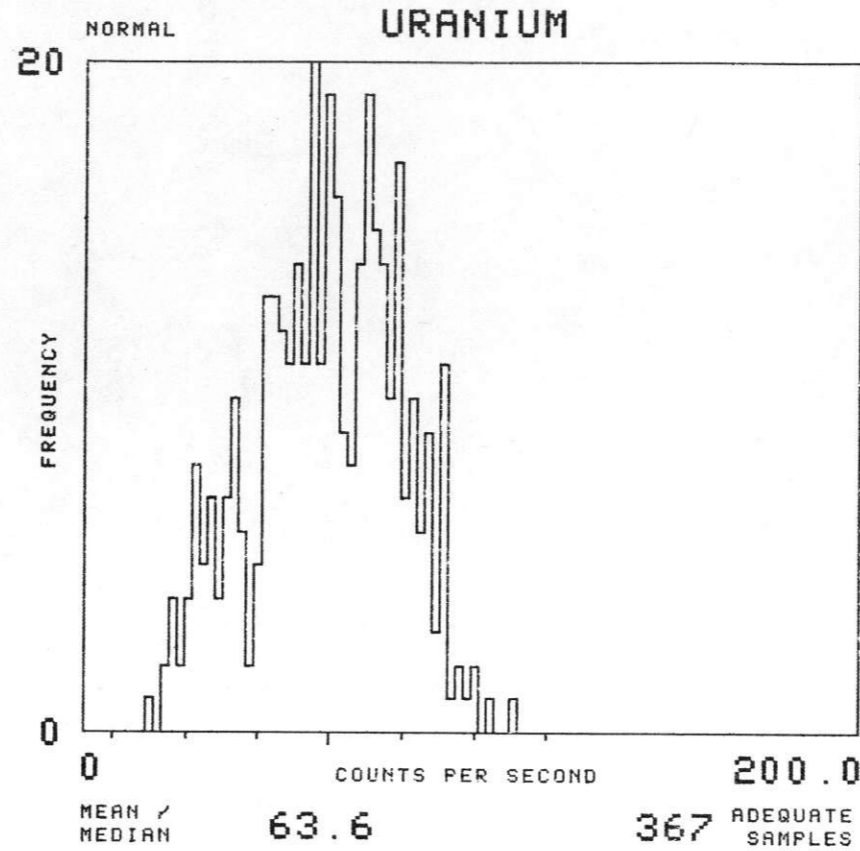
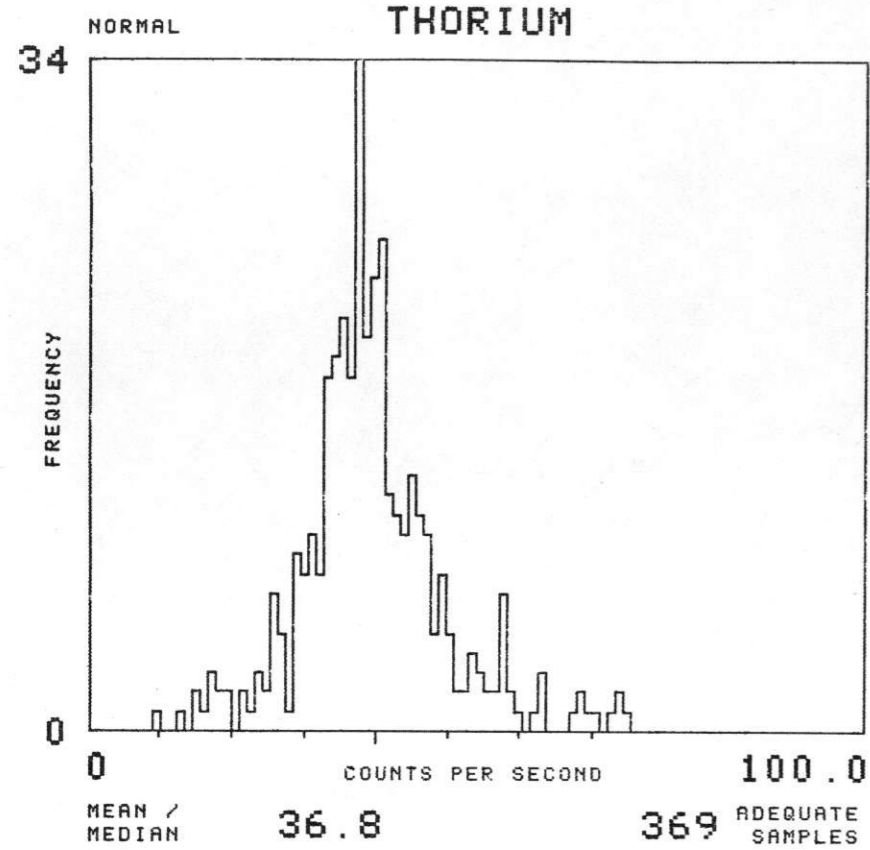








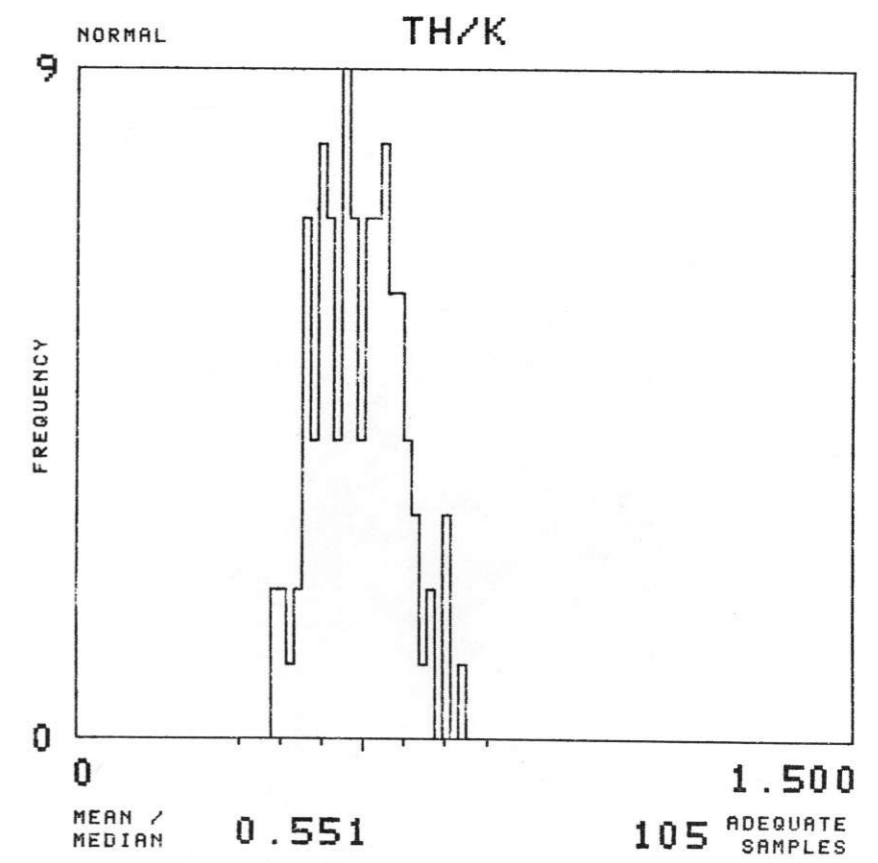
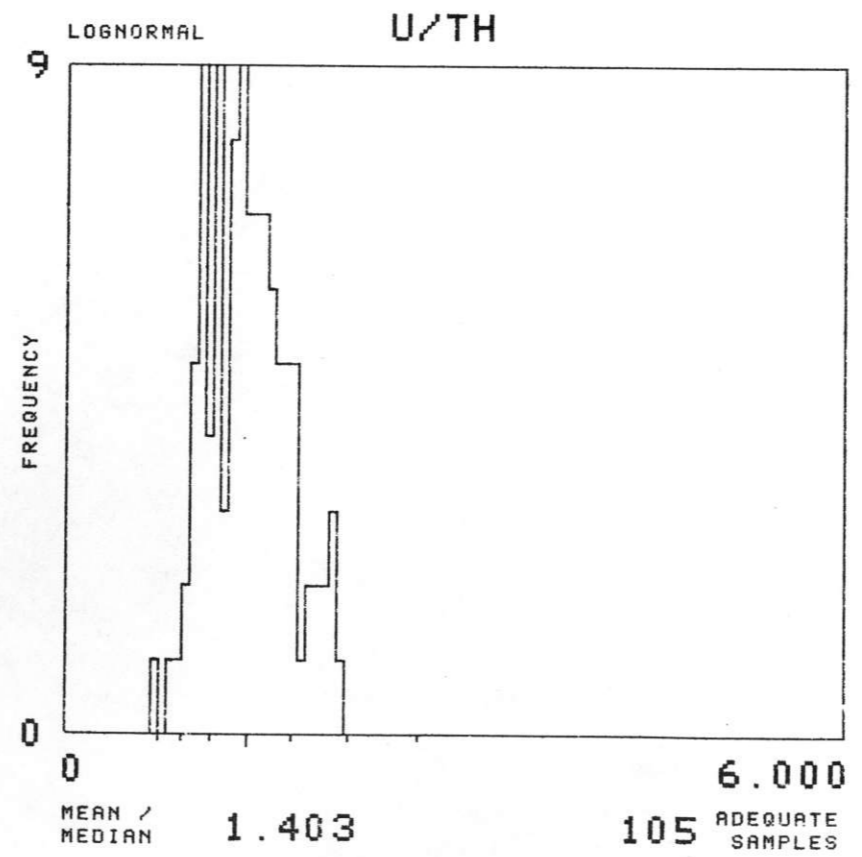
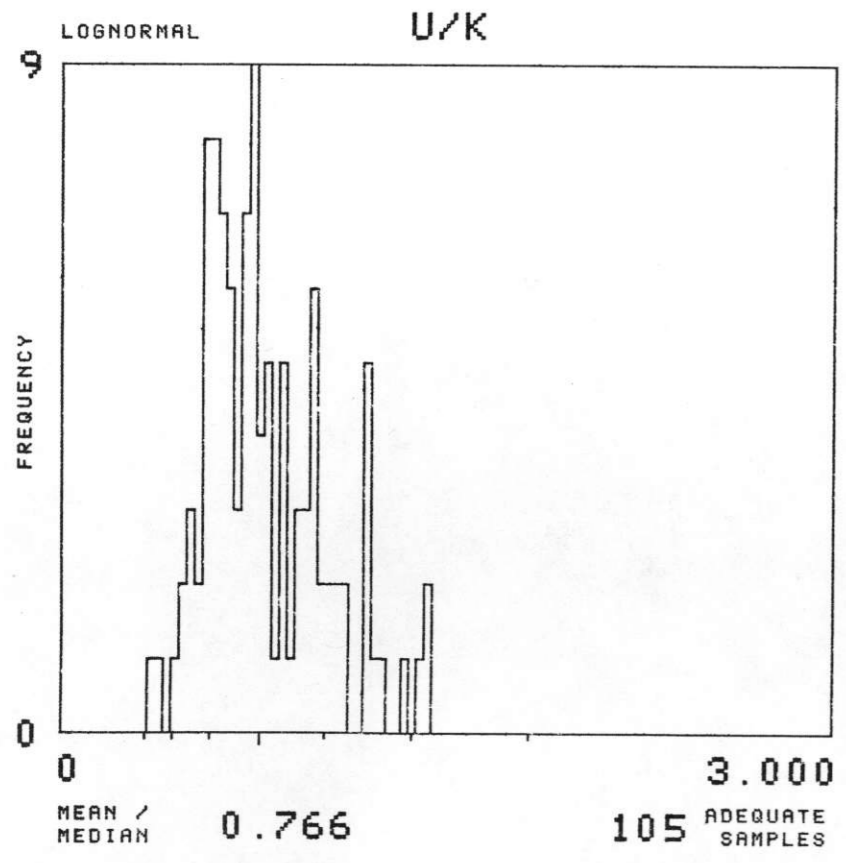
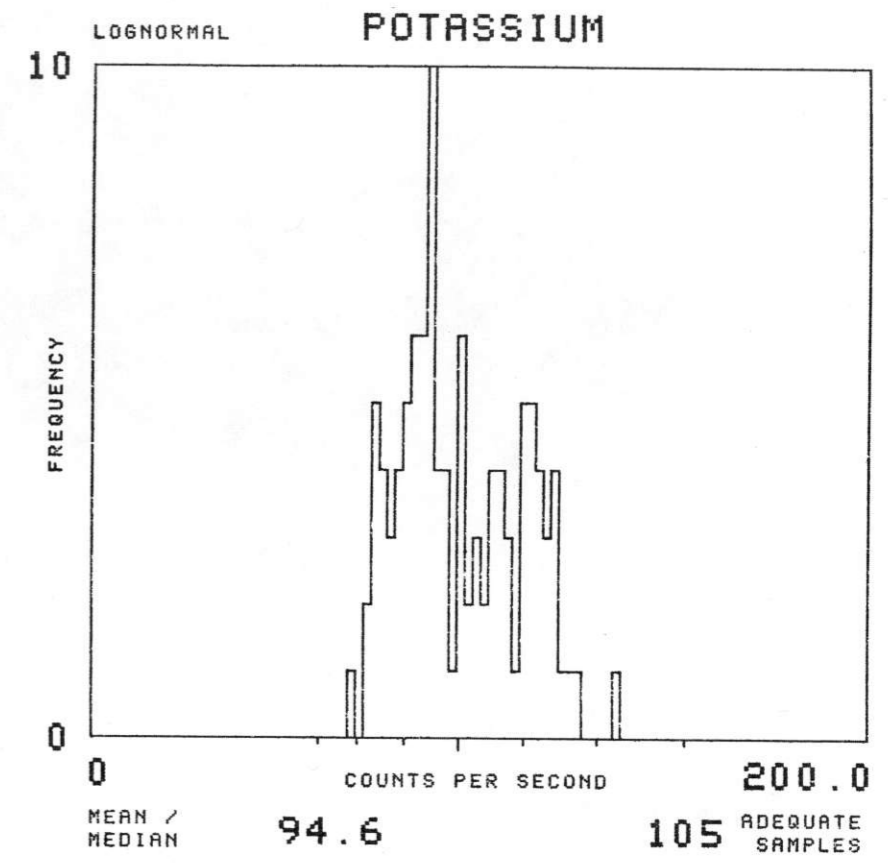
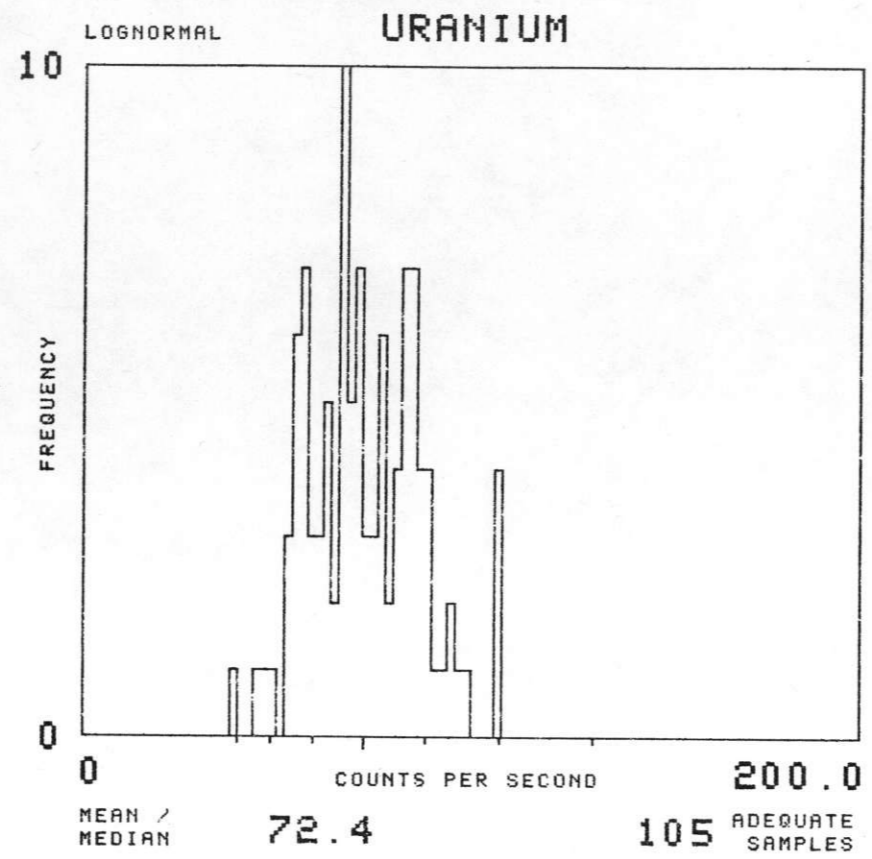
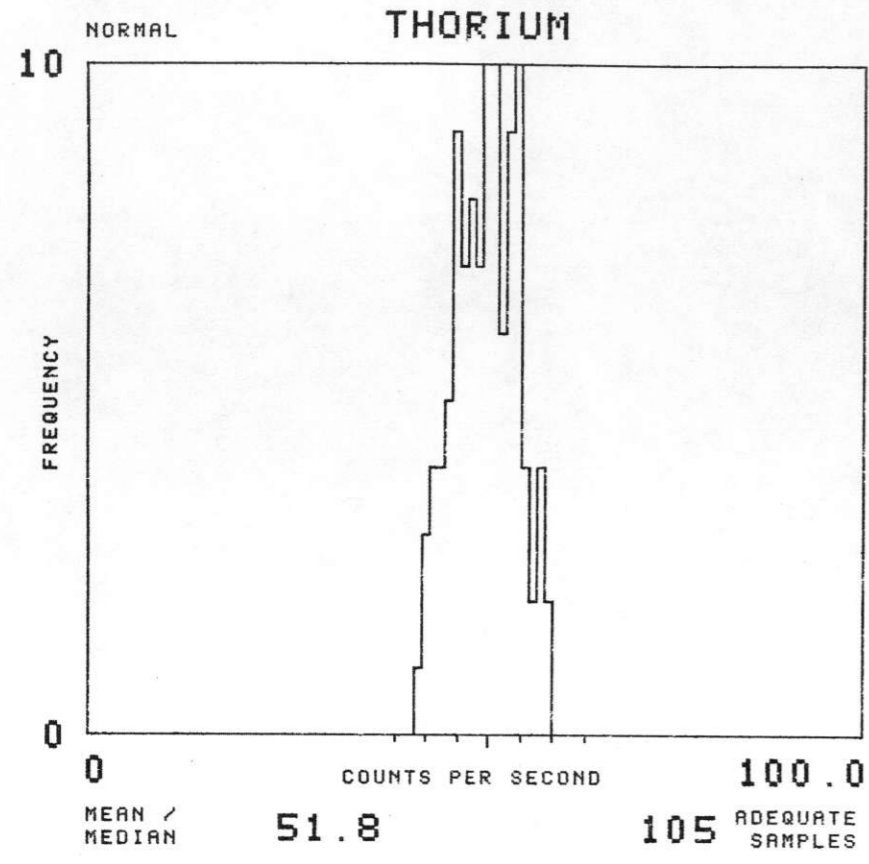




NTMS NK 14-9 FREMONT

SOIL GROUP : SC TOTAL NUMBER OF SAMPLES 105

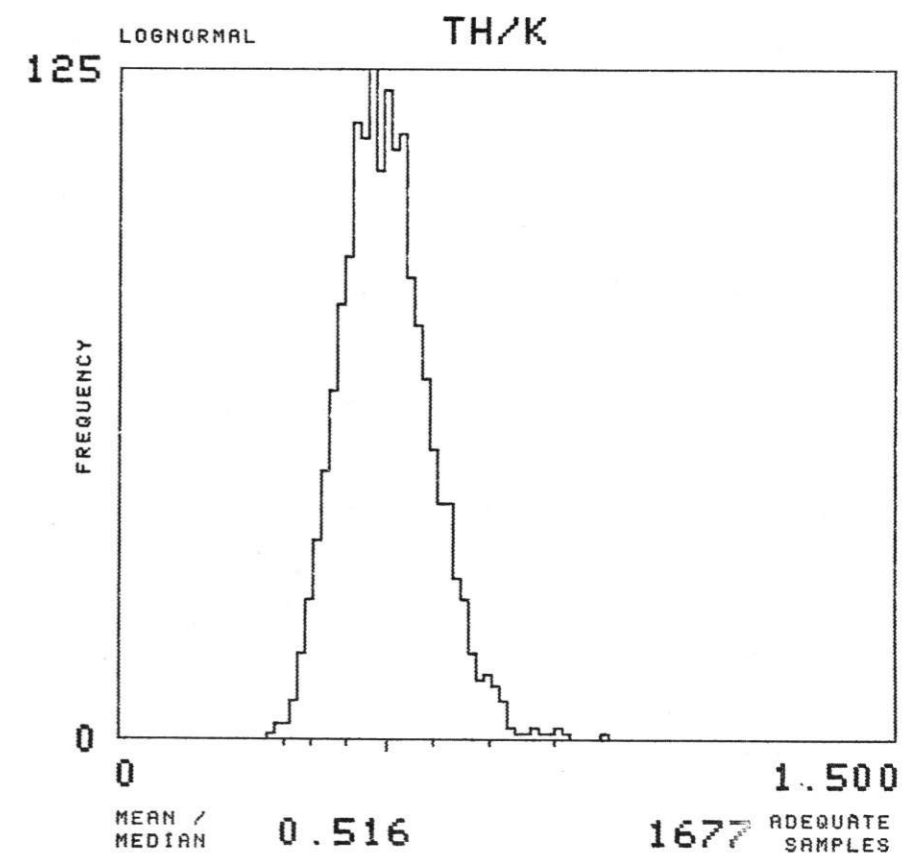
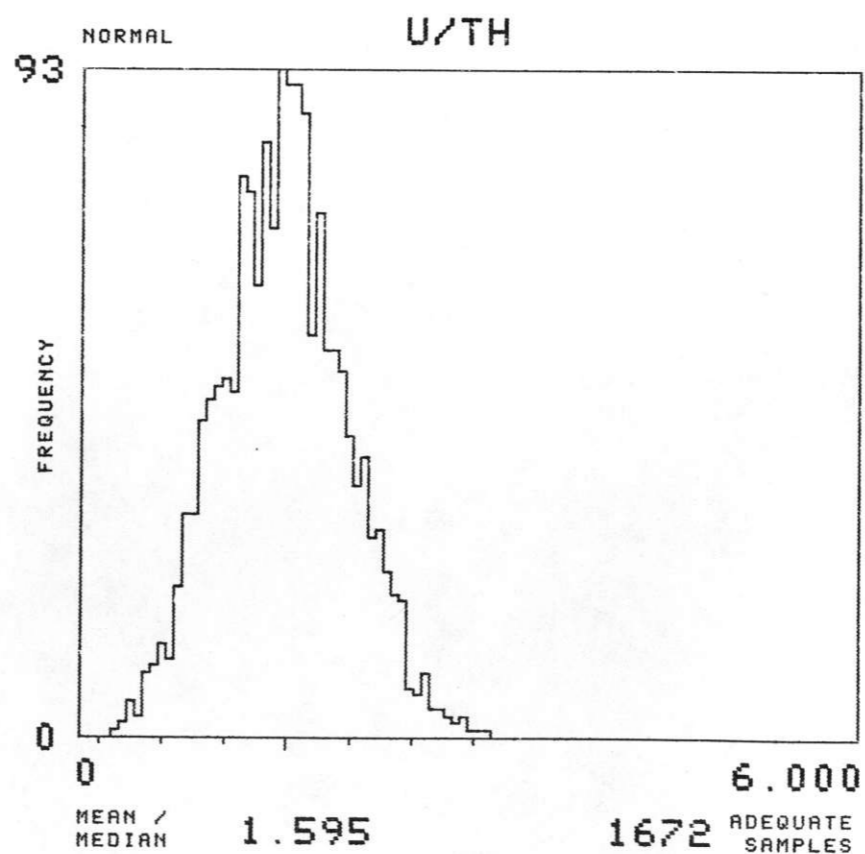
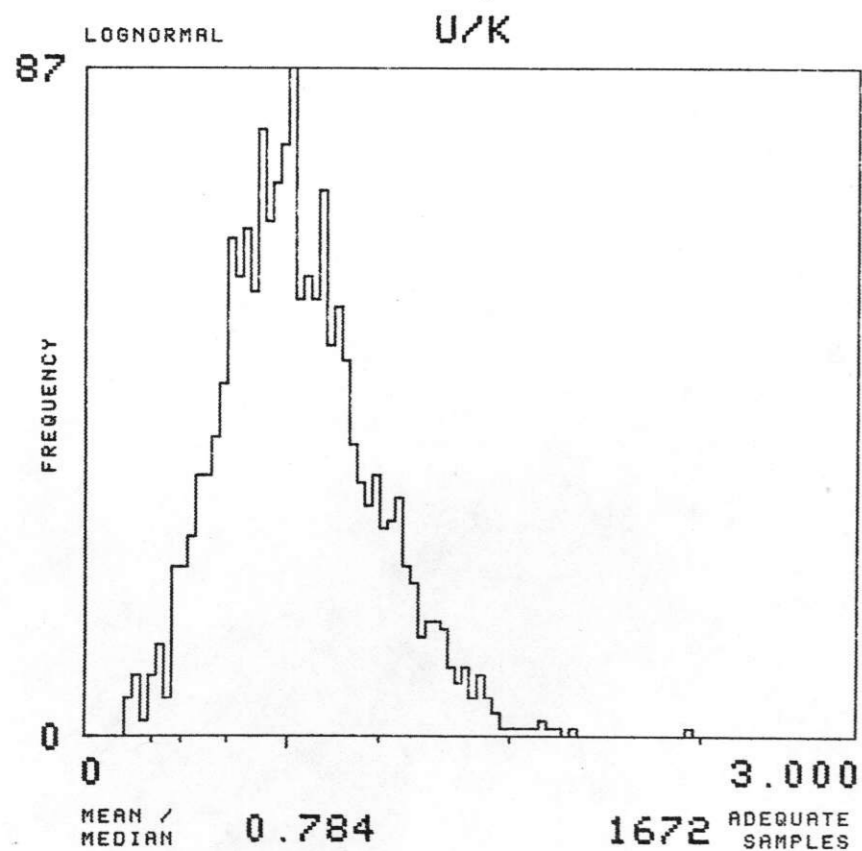
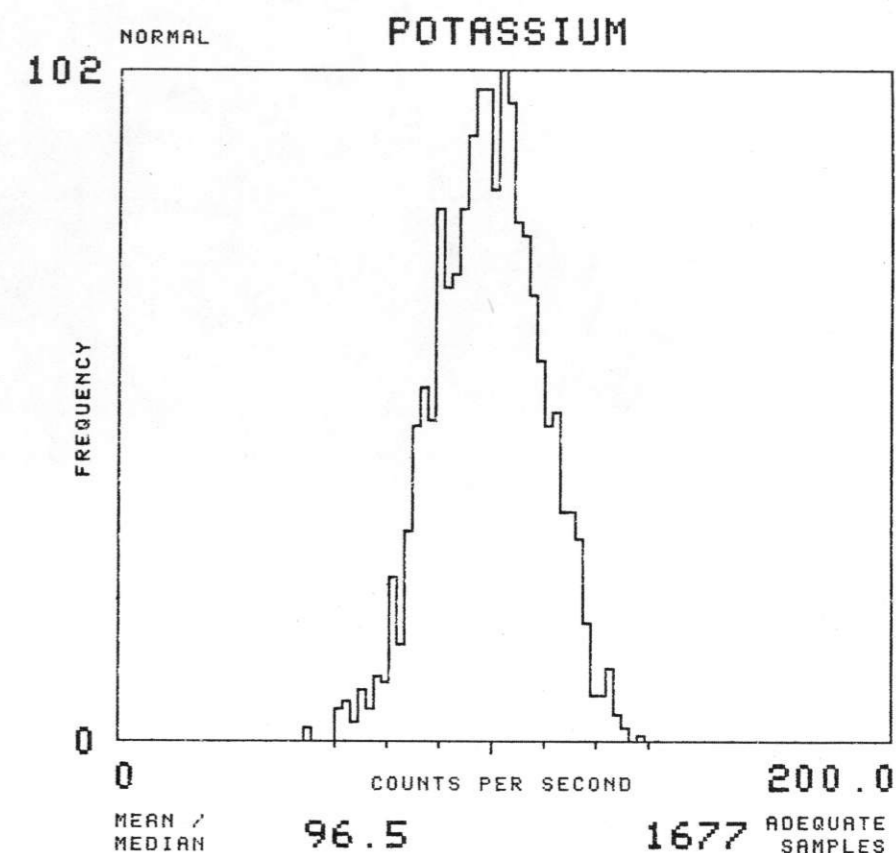
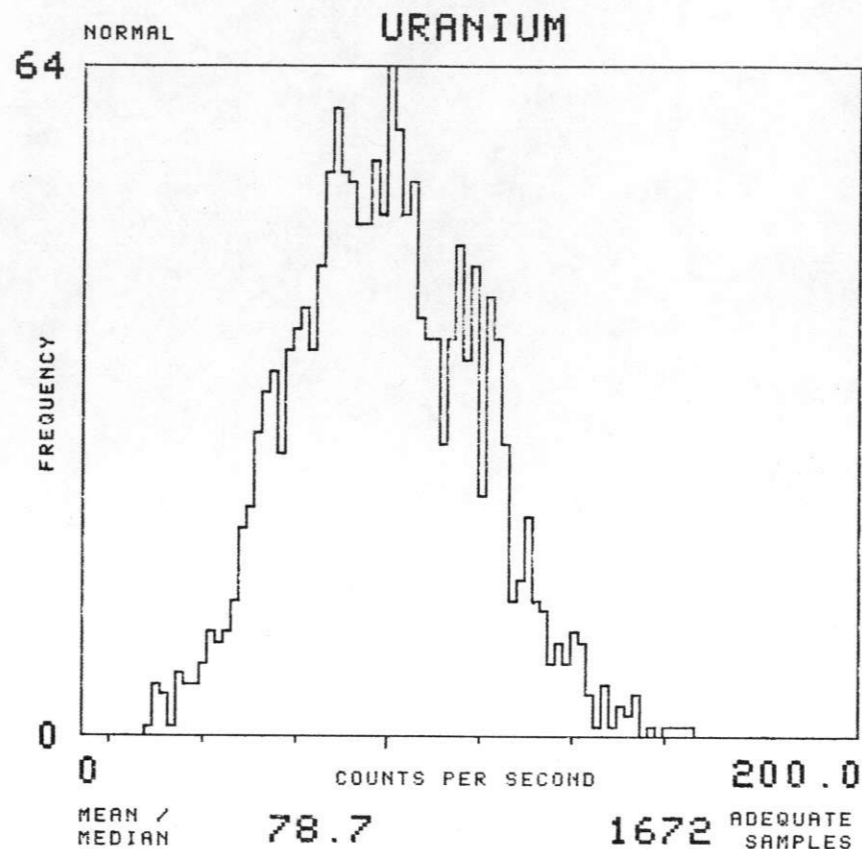
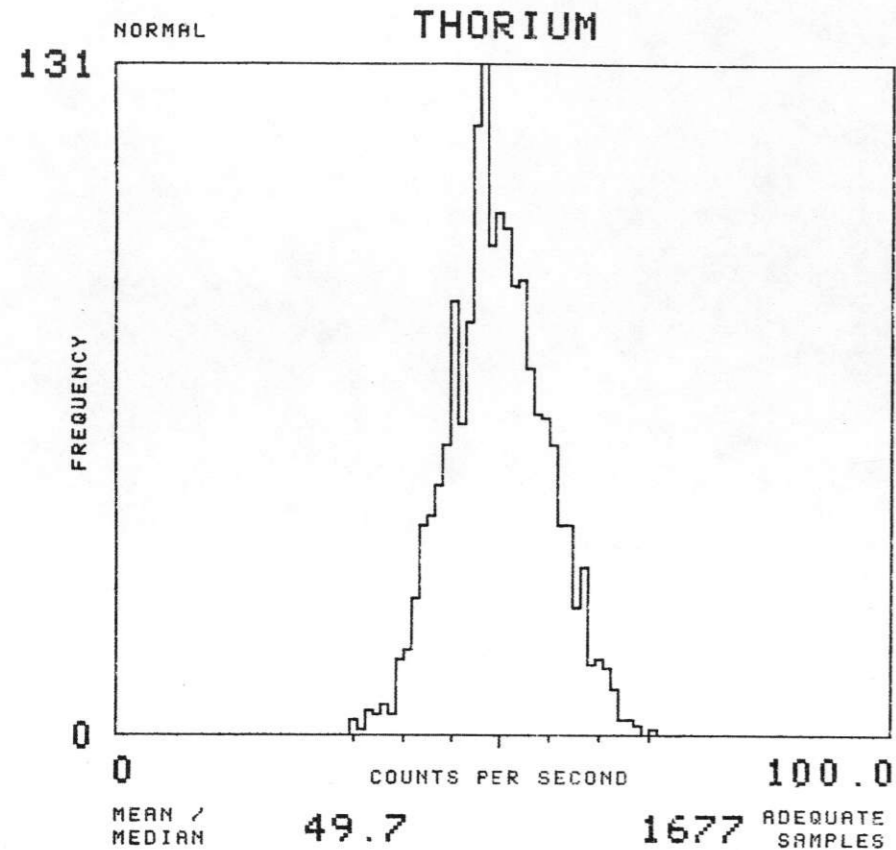
EAST SALINA BASIN - GEOMETRICS 1977



NTMS NK 14-9 FREMONT

SOIL GROUP : SF TOTAL NUMBER OF SAMPLES 1677

EAST SALINA BASIN - GEOMETRICS 1977

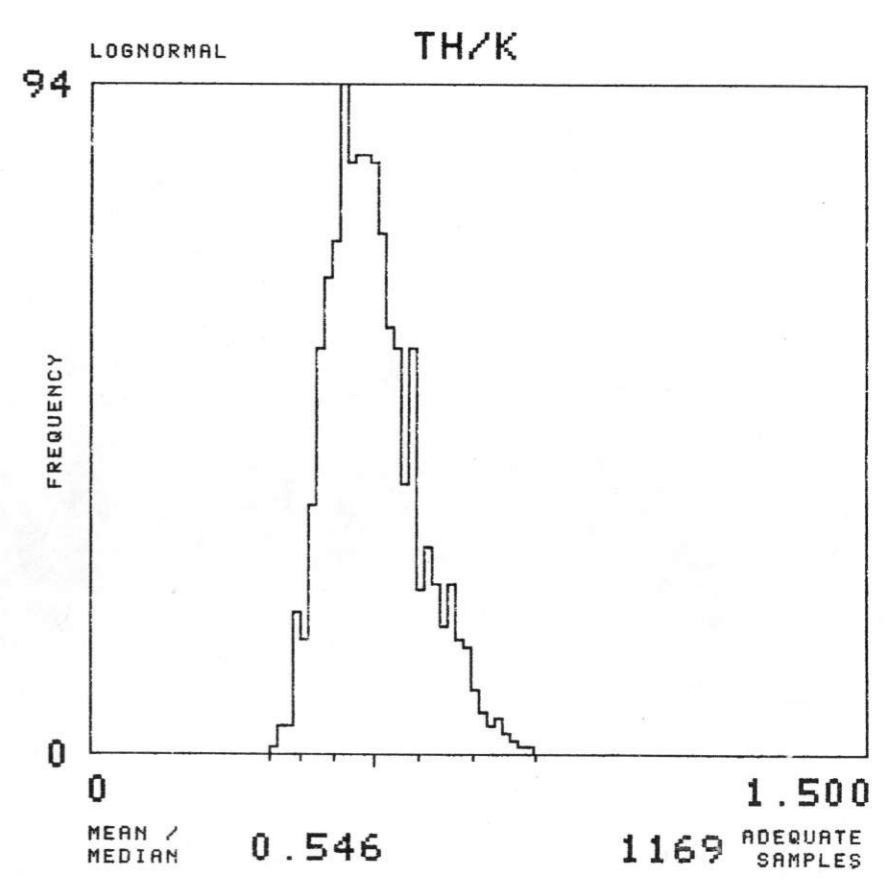
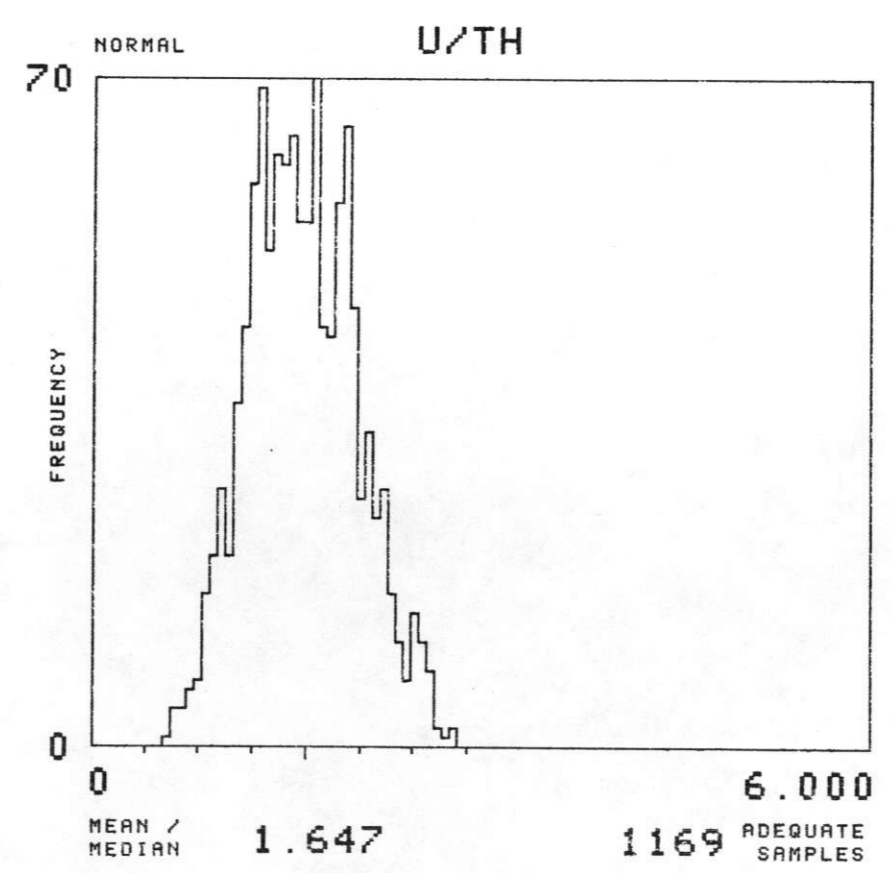
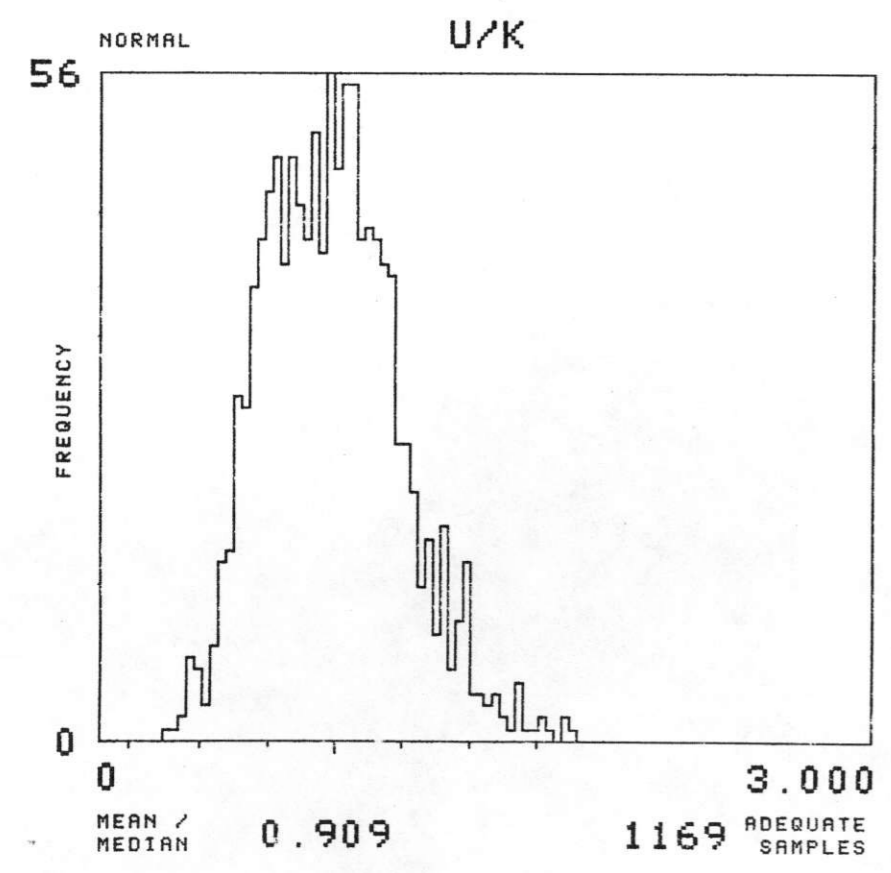
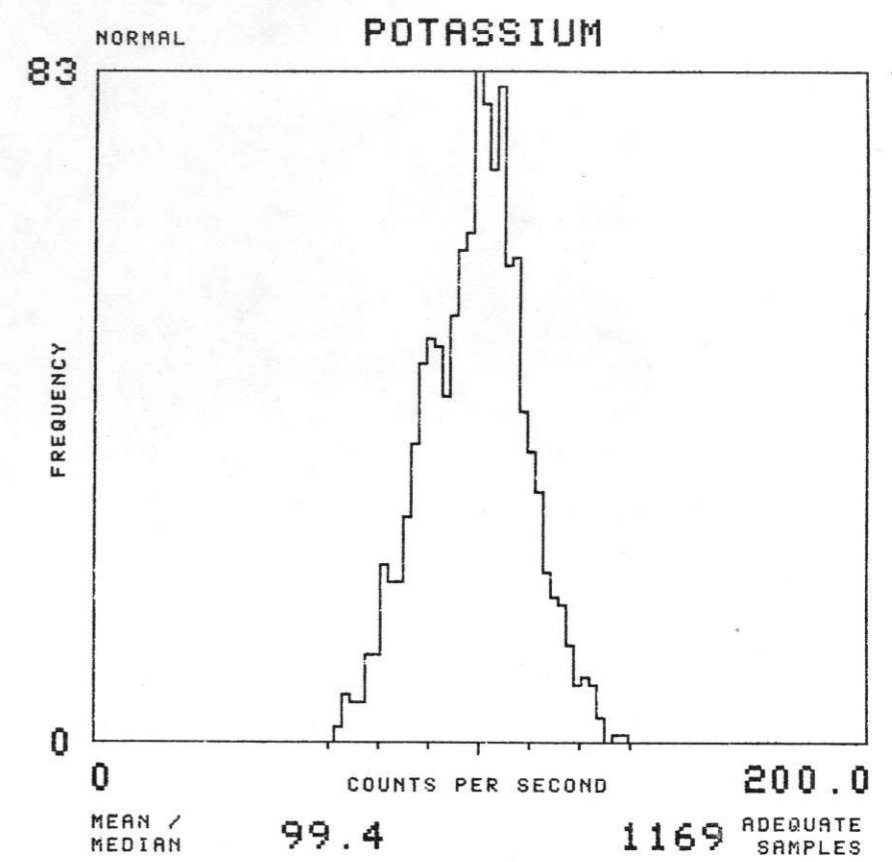
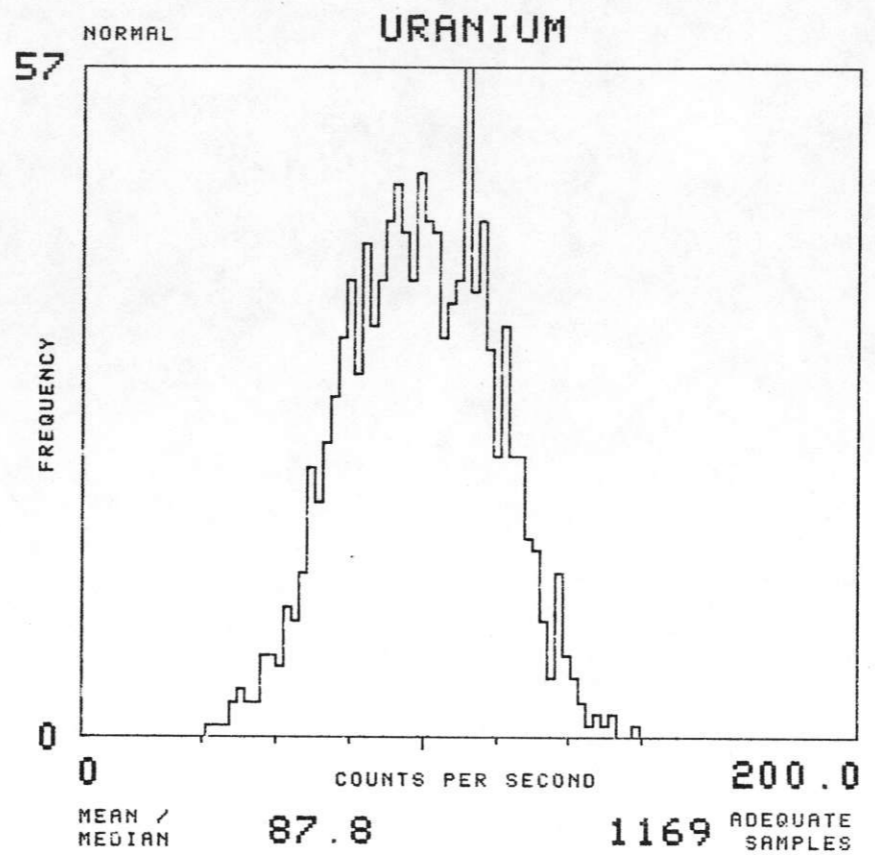
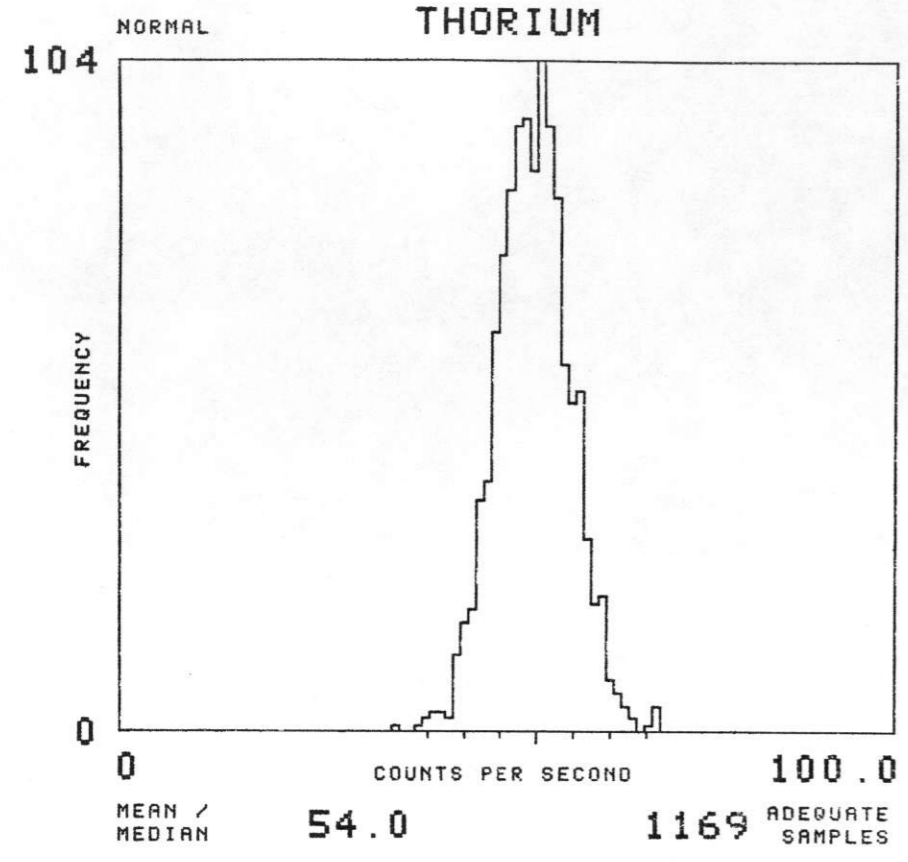


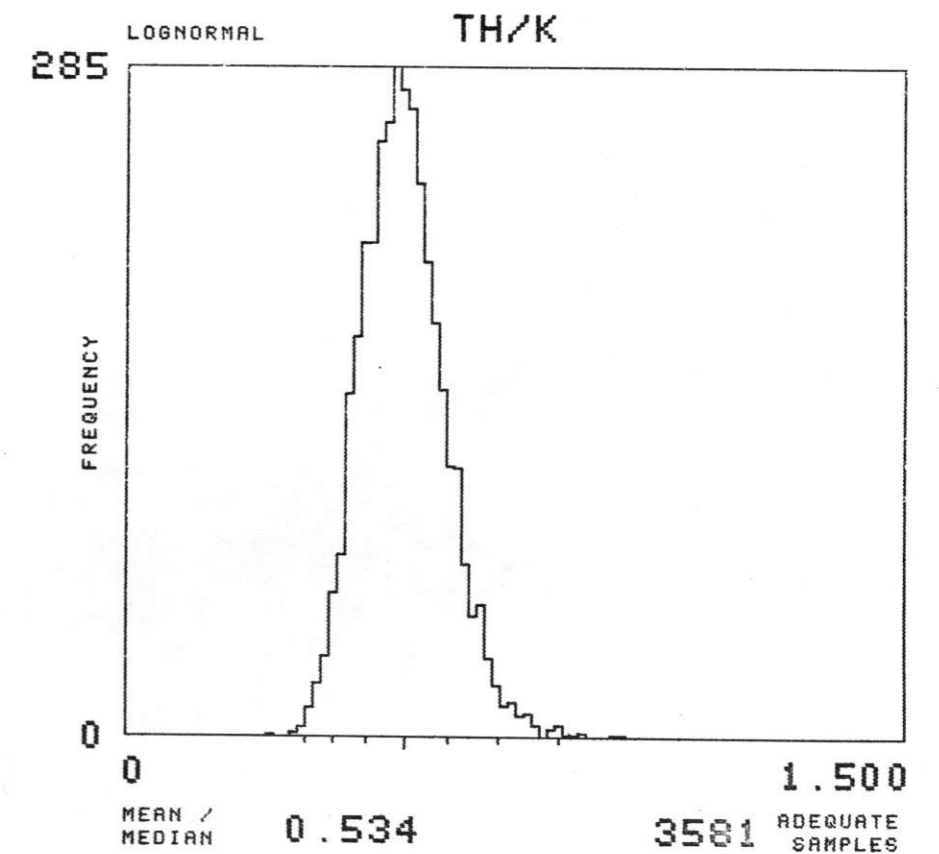
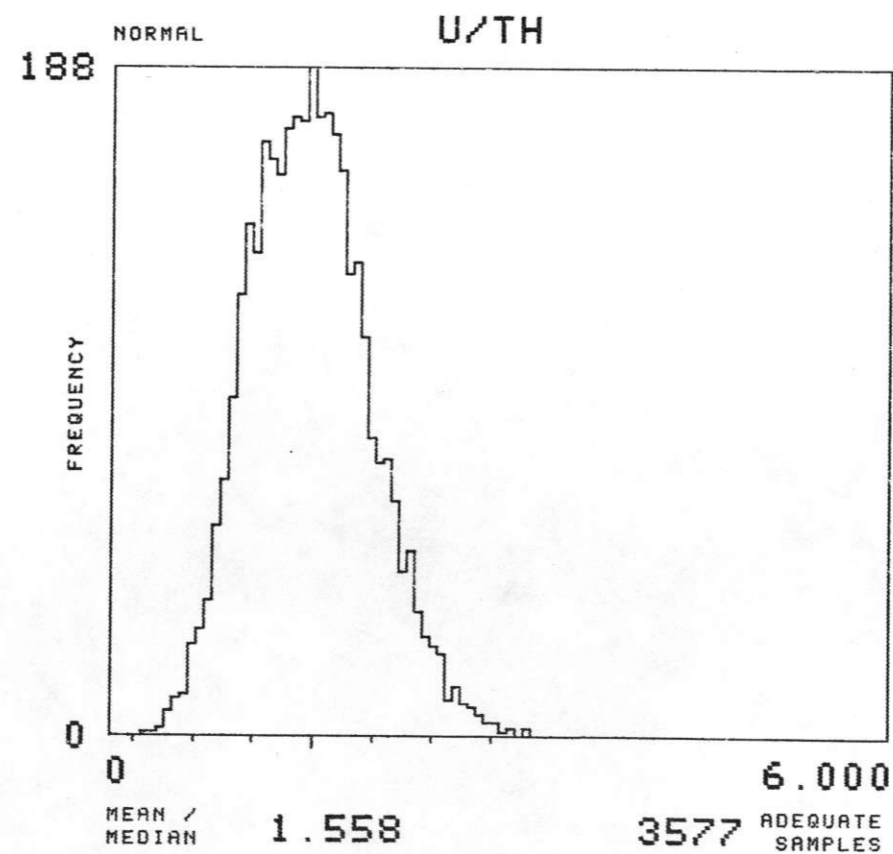
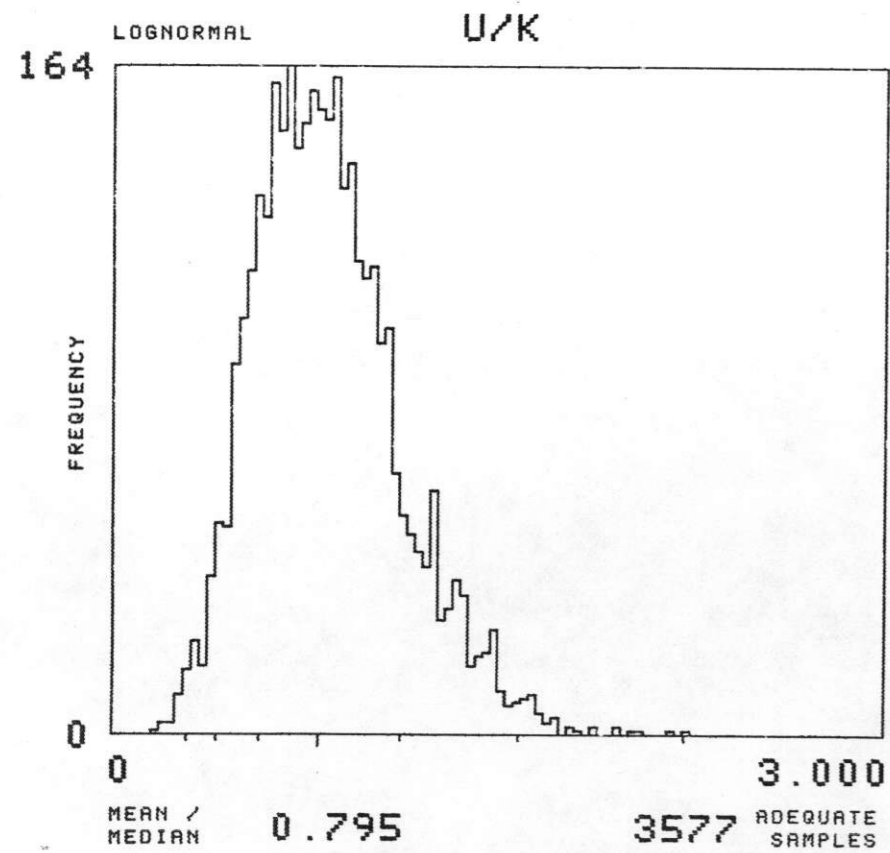
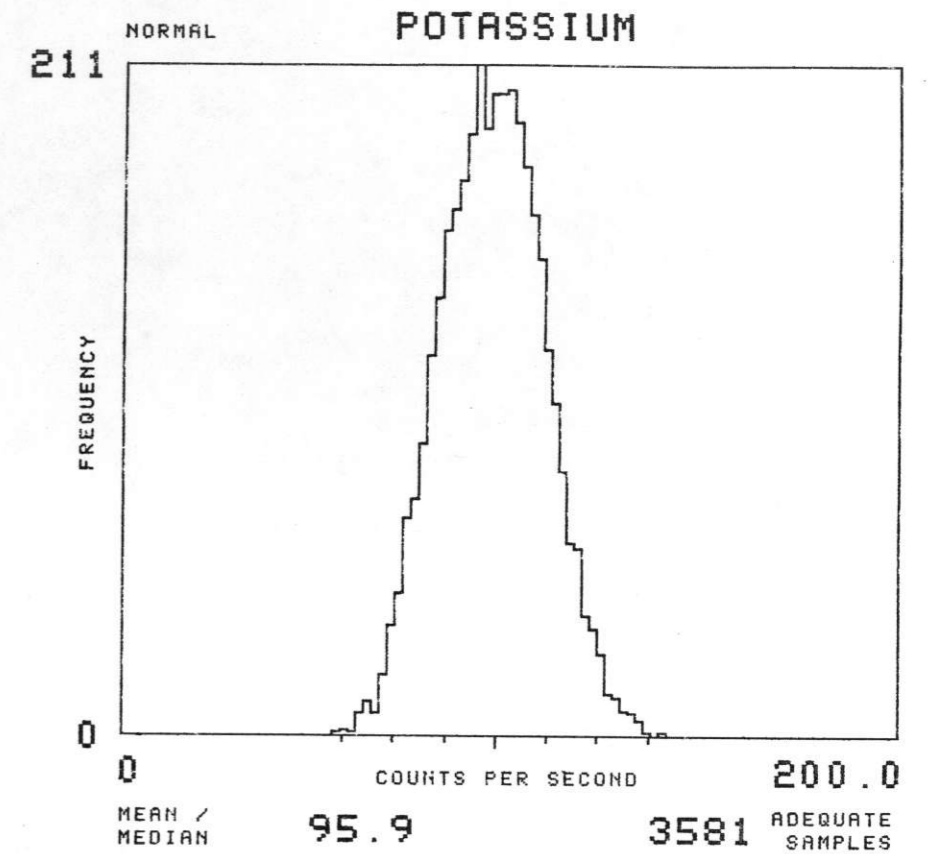
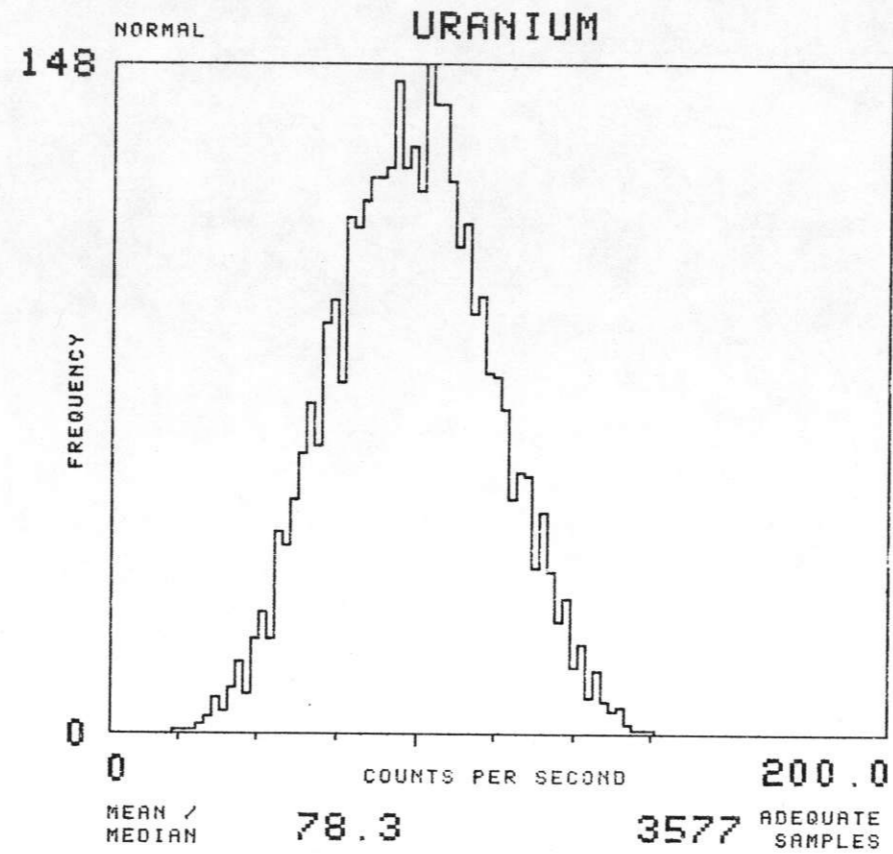
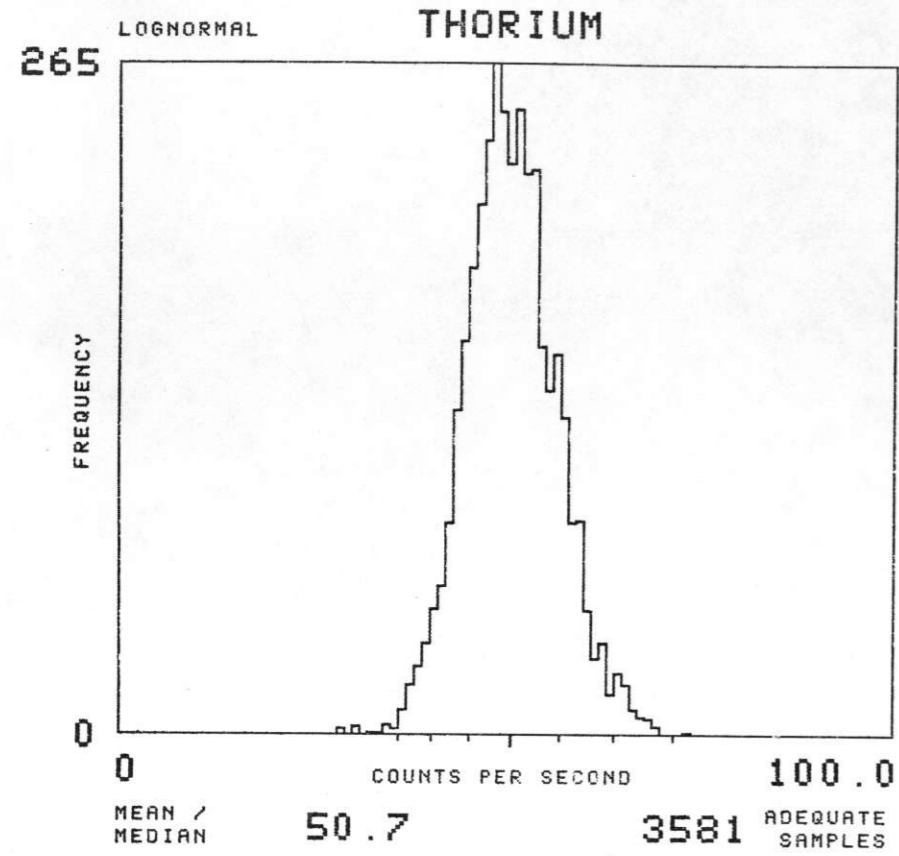


NTMS NK 14-9 FREMONT

SOIL GROUP : SM TOTAL NUMBER OF SAMPLES 1169

EAST SALINA BASIN - GEOMETRICS 1977

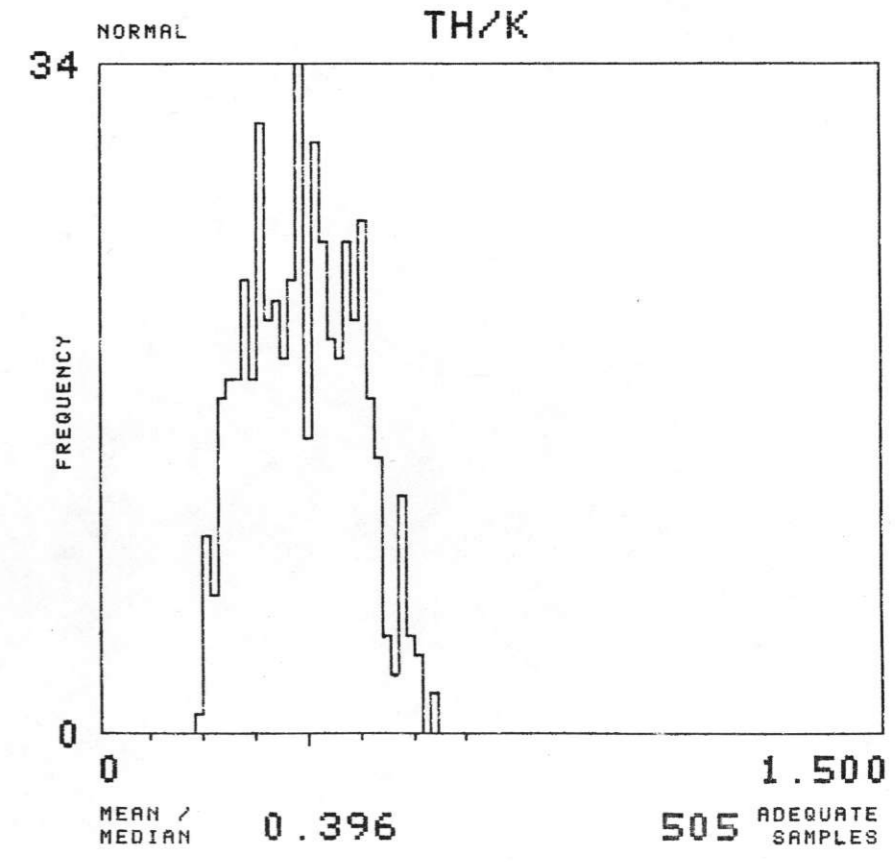
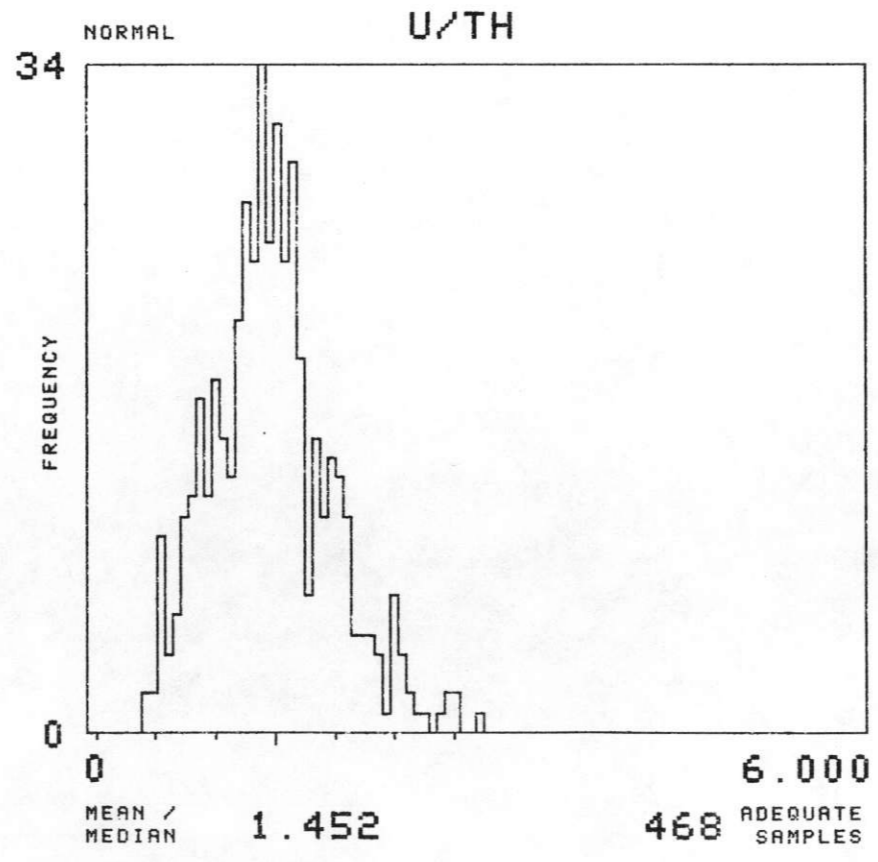
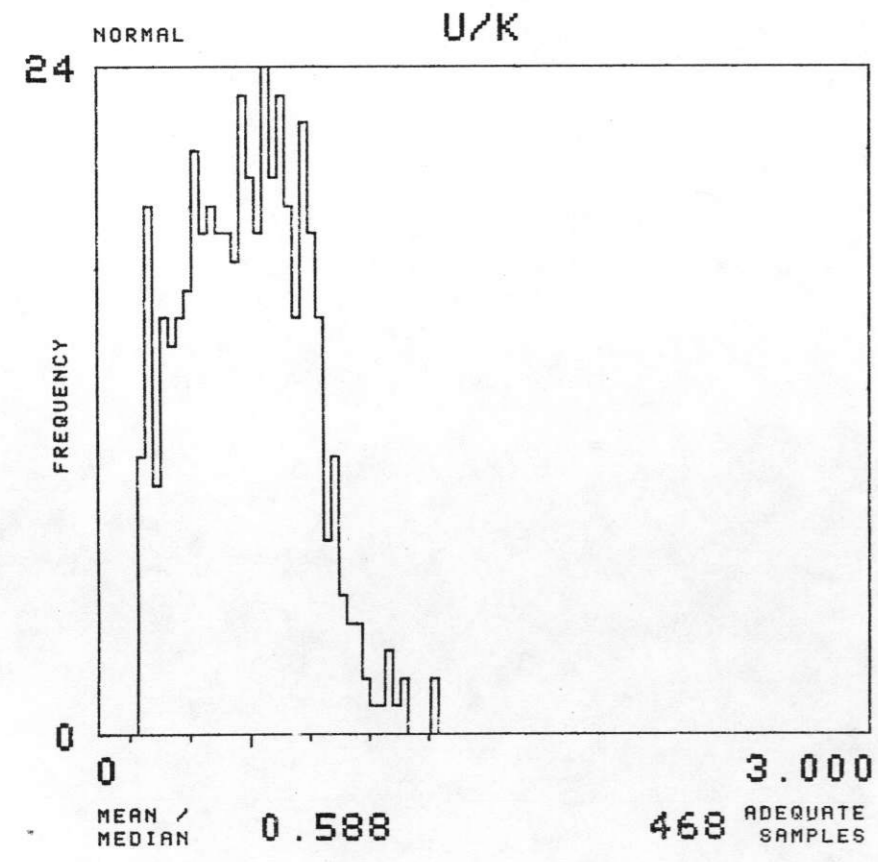
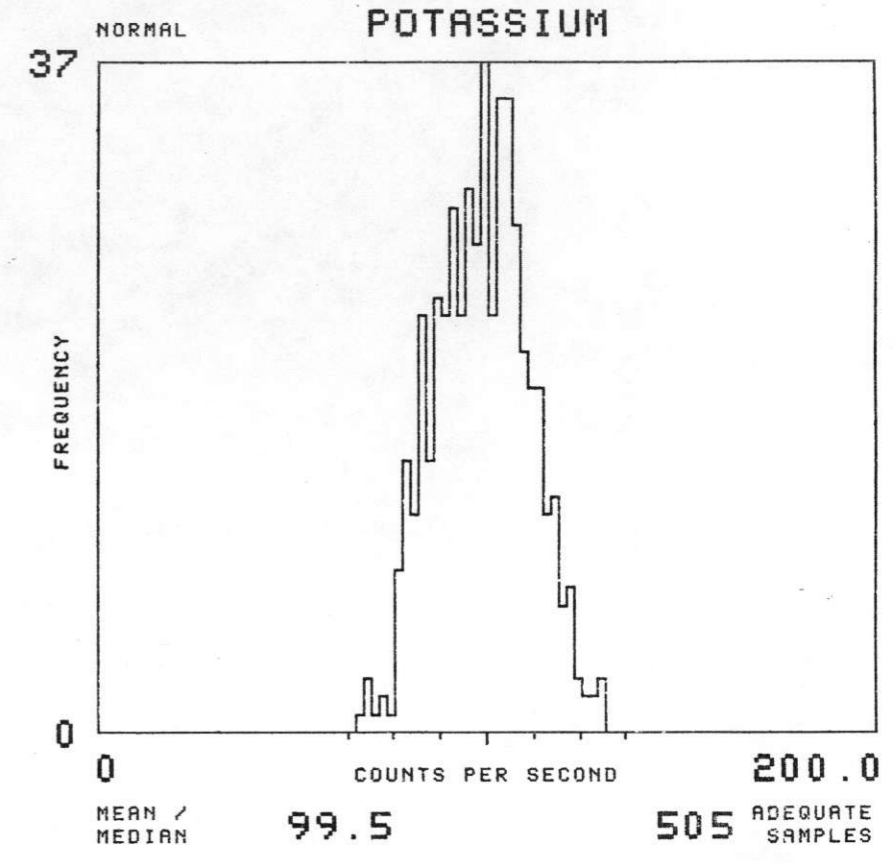
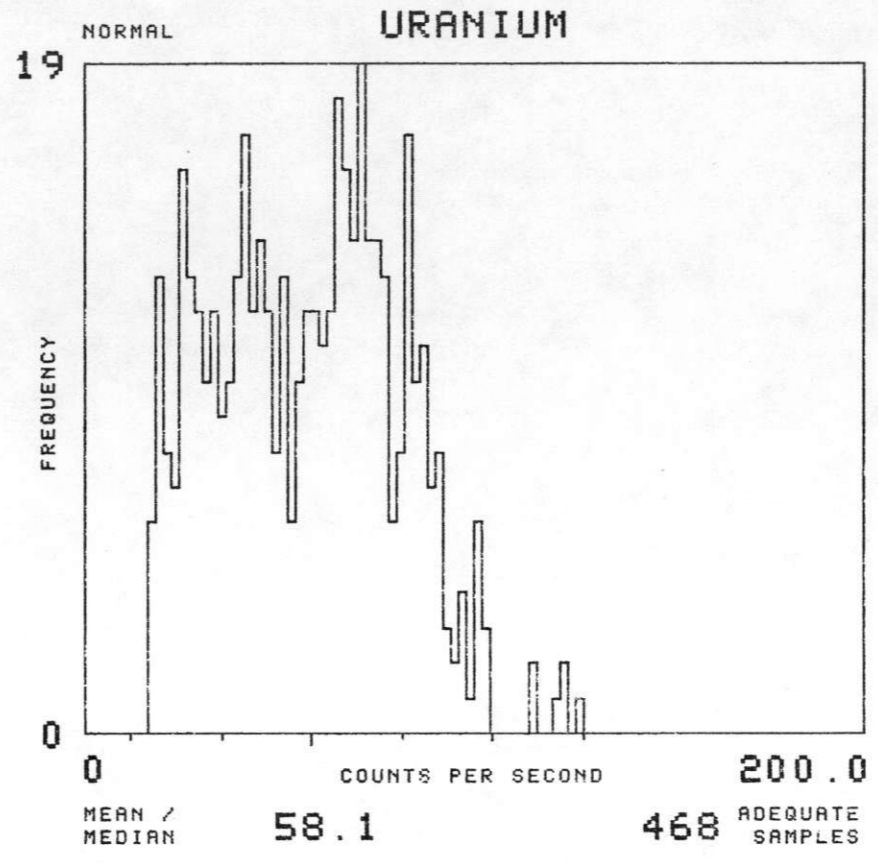
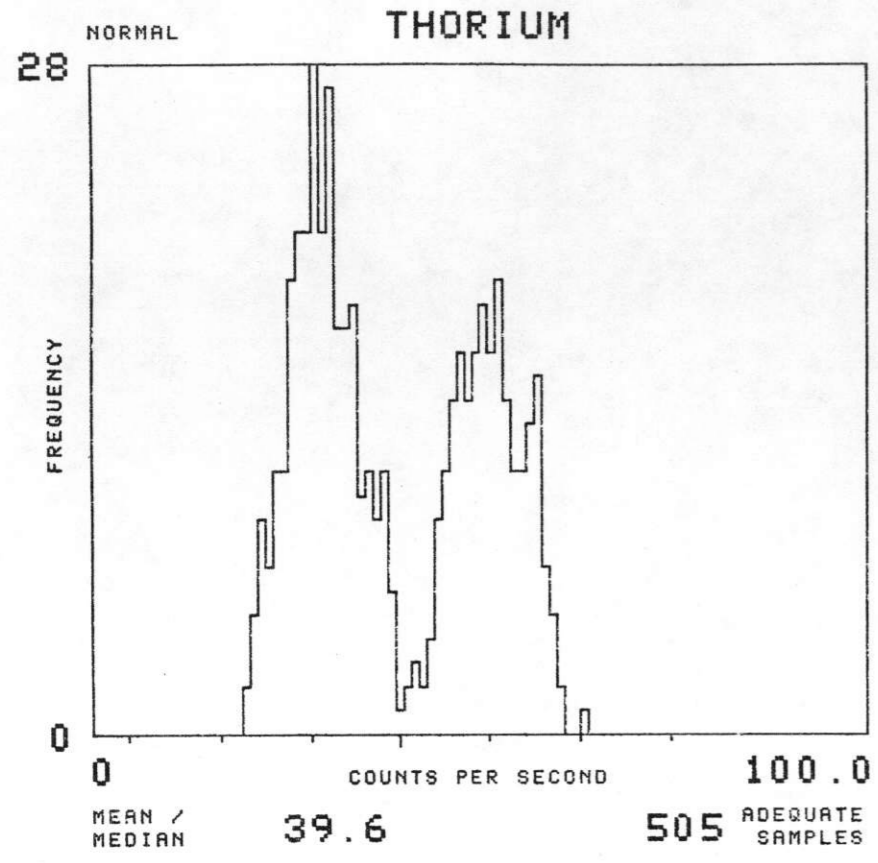


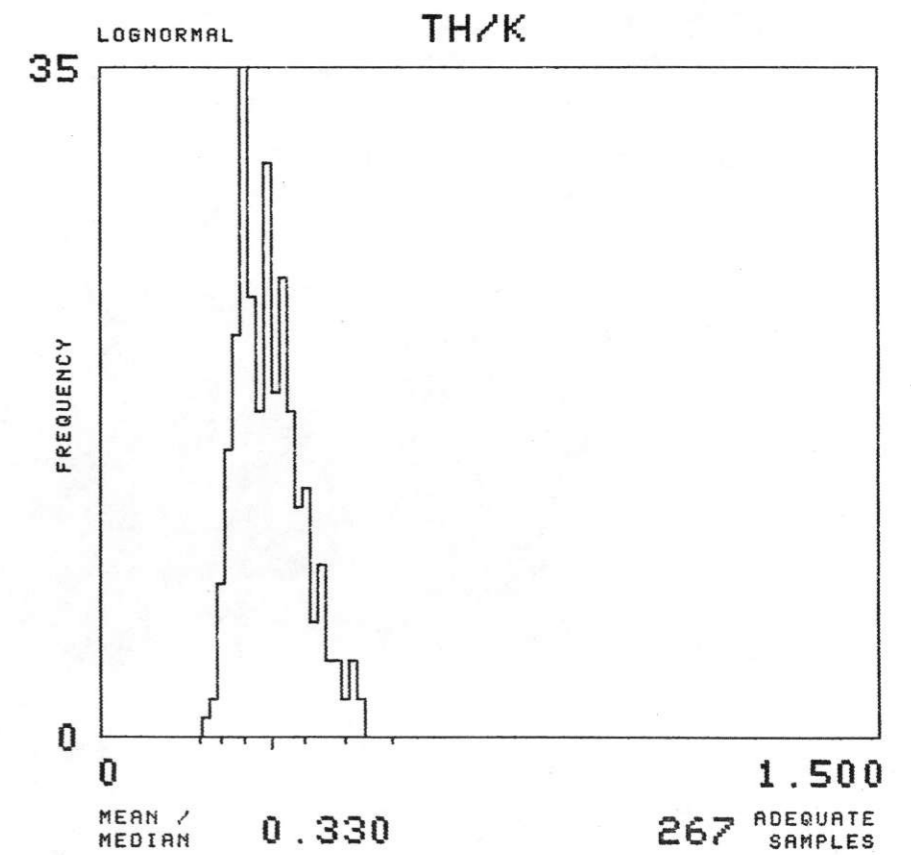
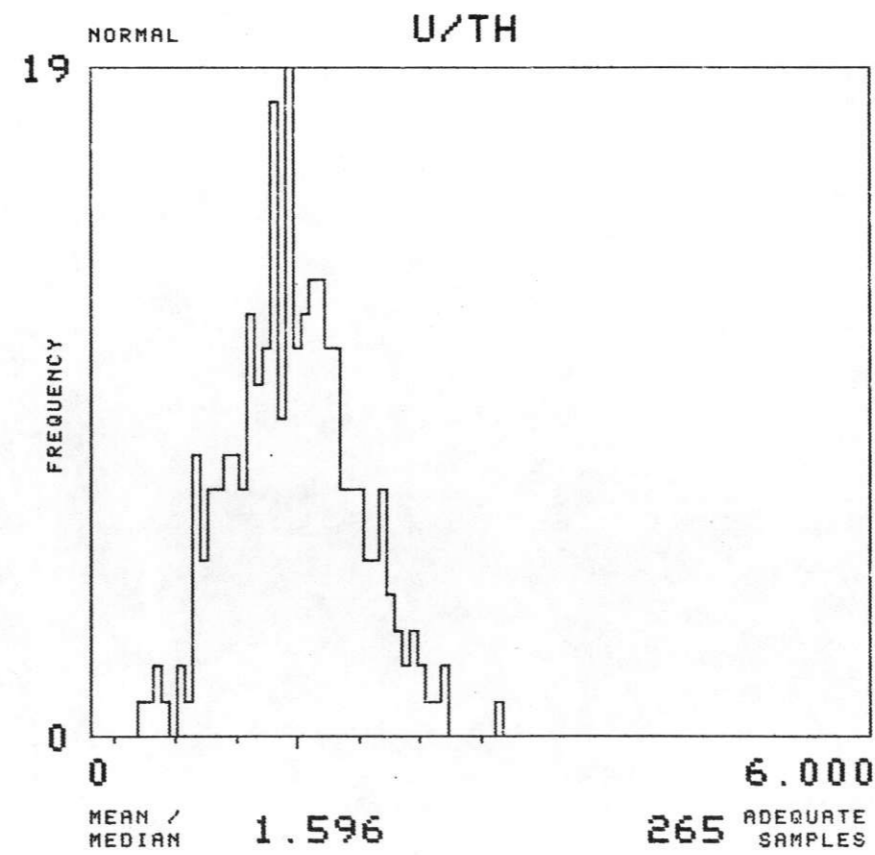
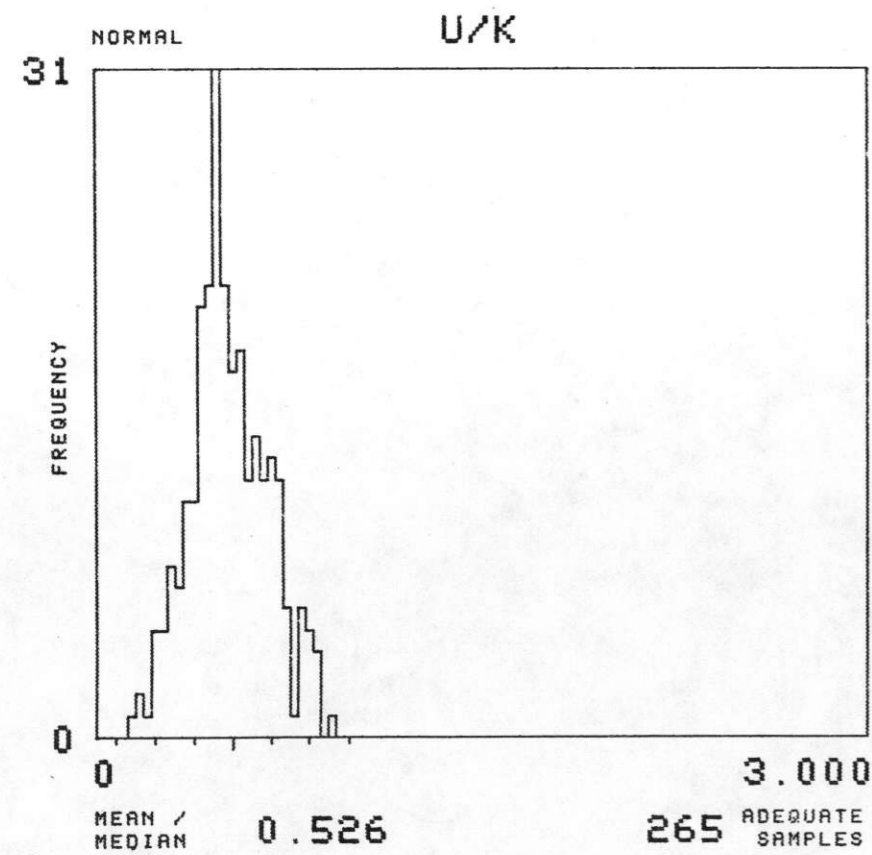
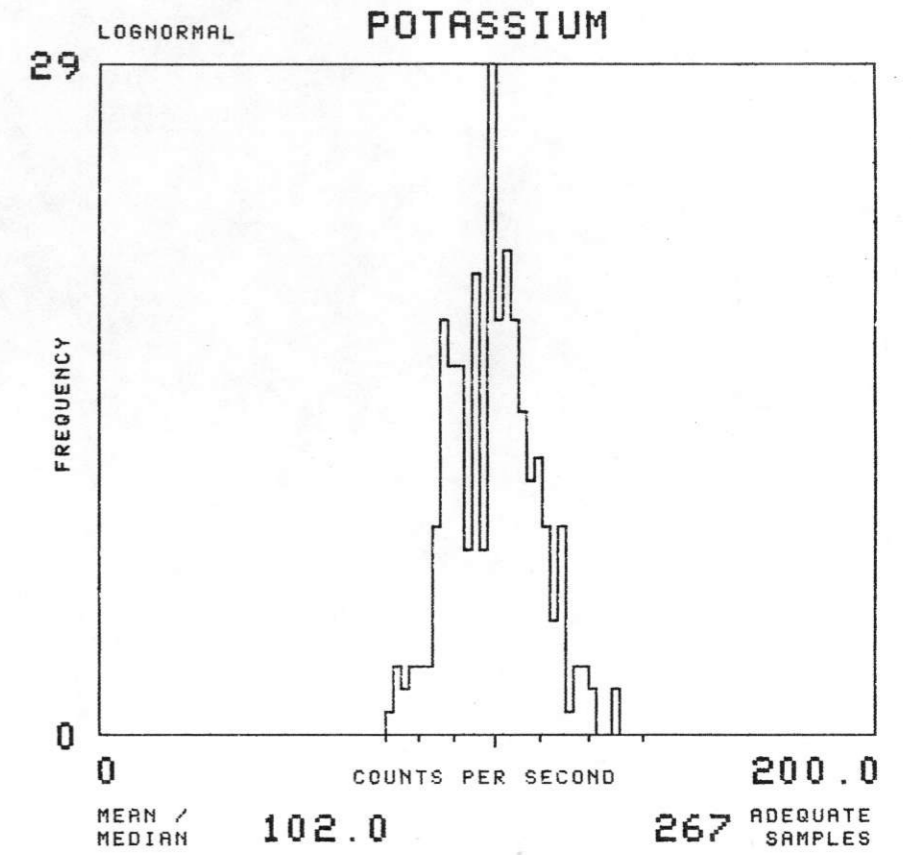
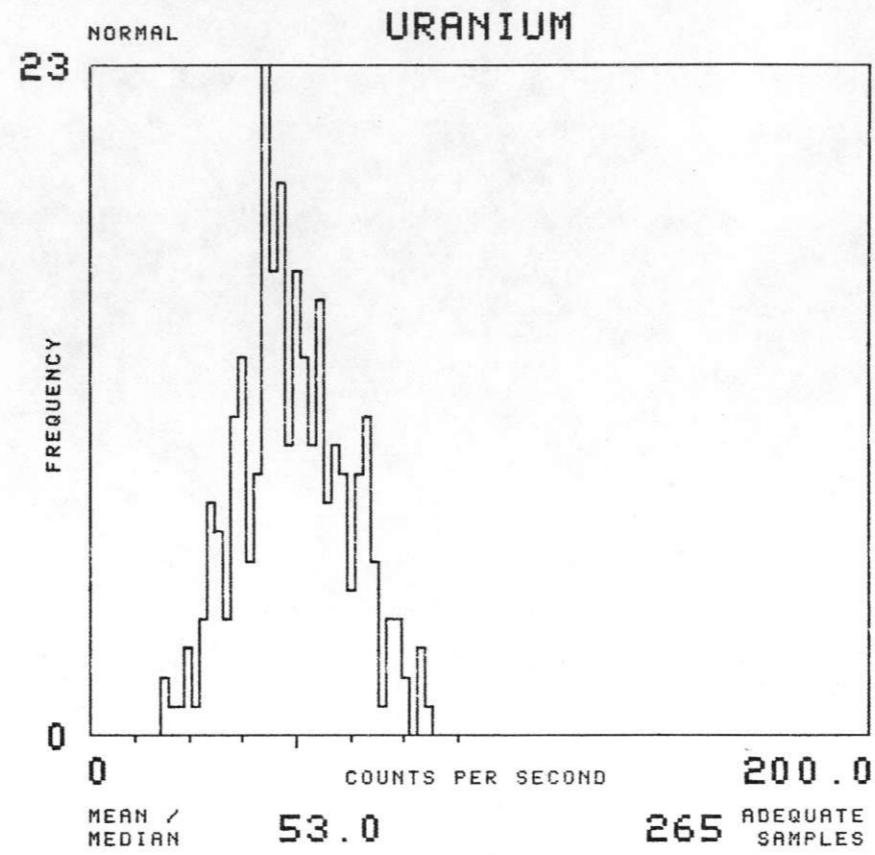
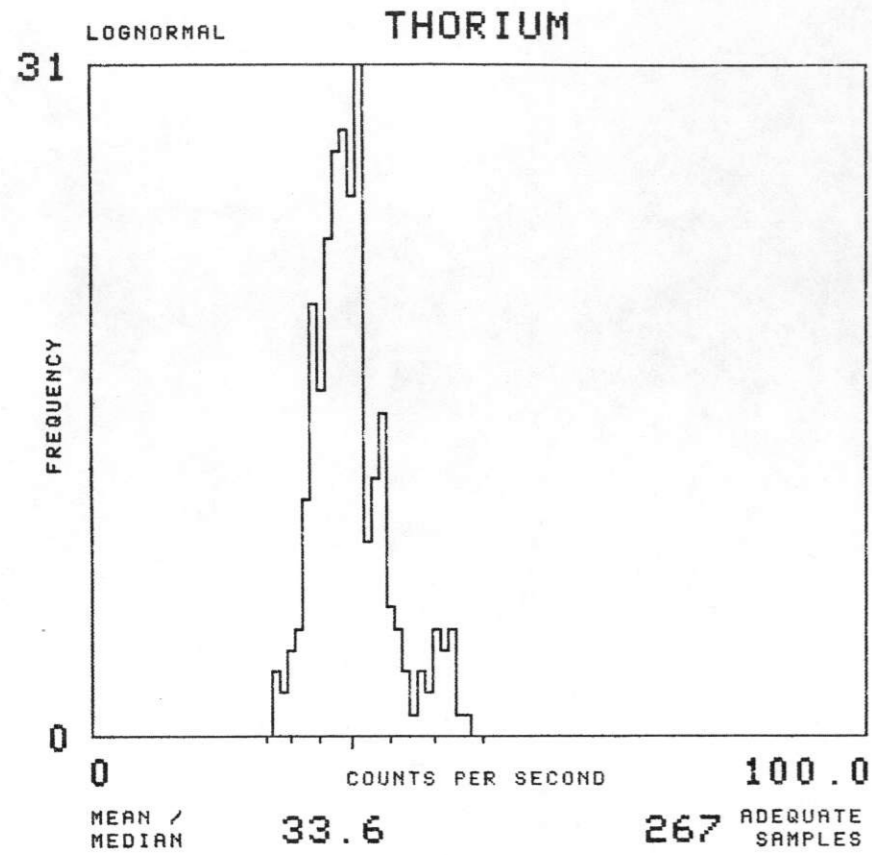


NTMS NK 14-9 FREMONT

SOIL GROUP : THMDLY TOTAL NUMBER OF SAMPLES 505

EAST SALINA BASIN - GEOMETRICS 1977

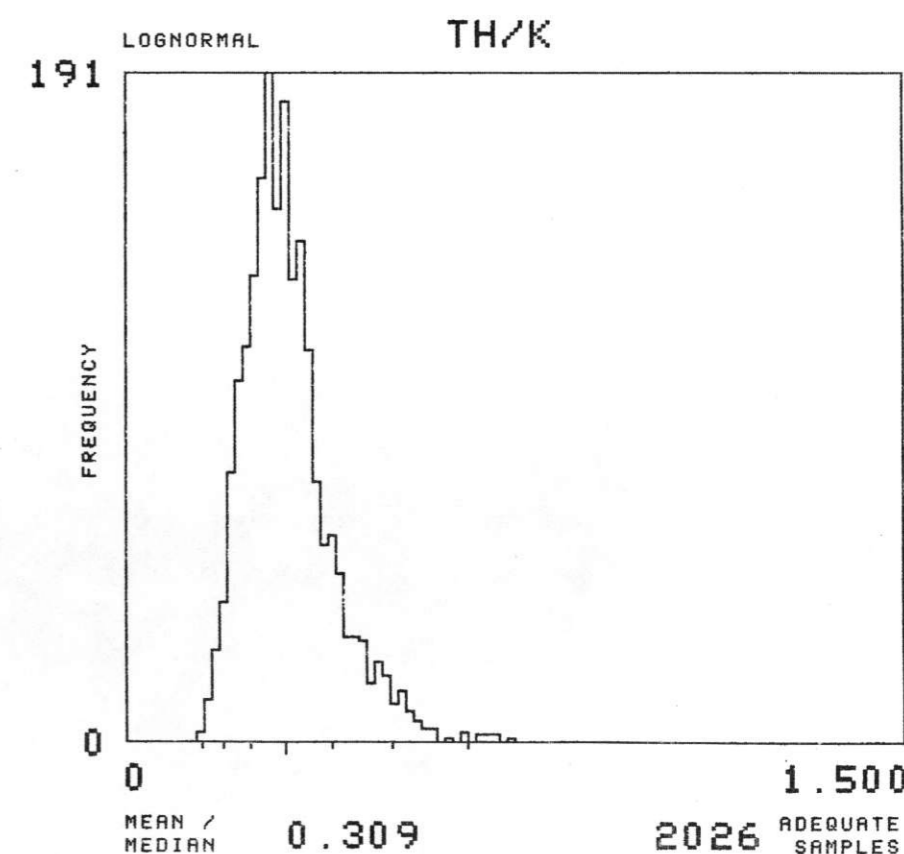
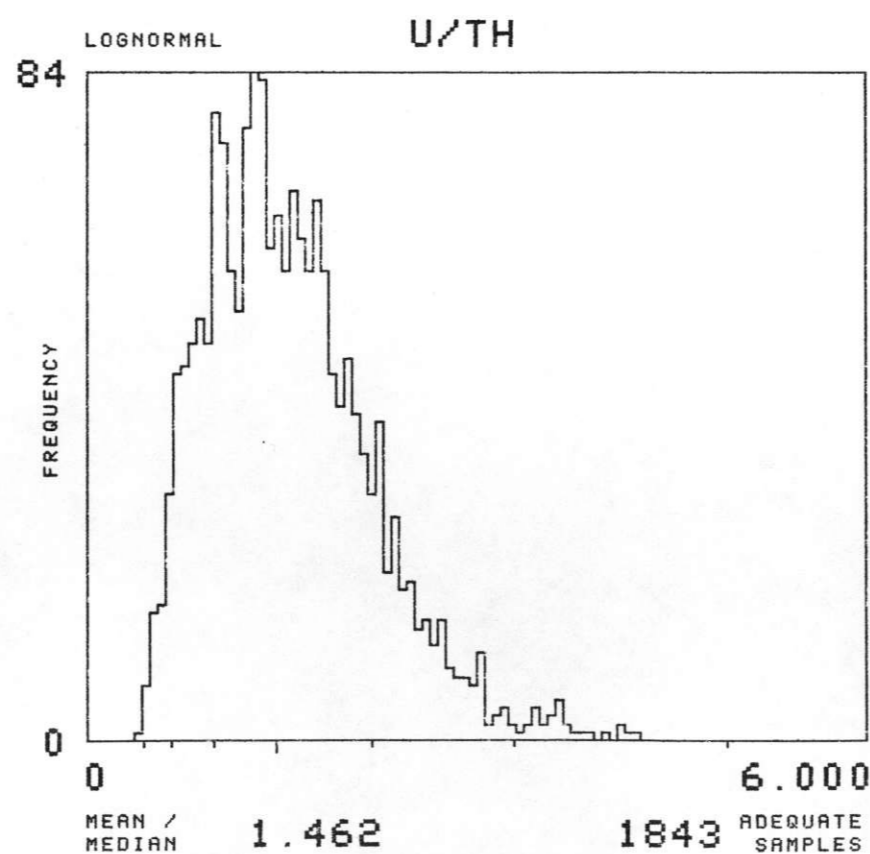
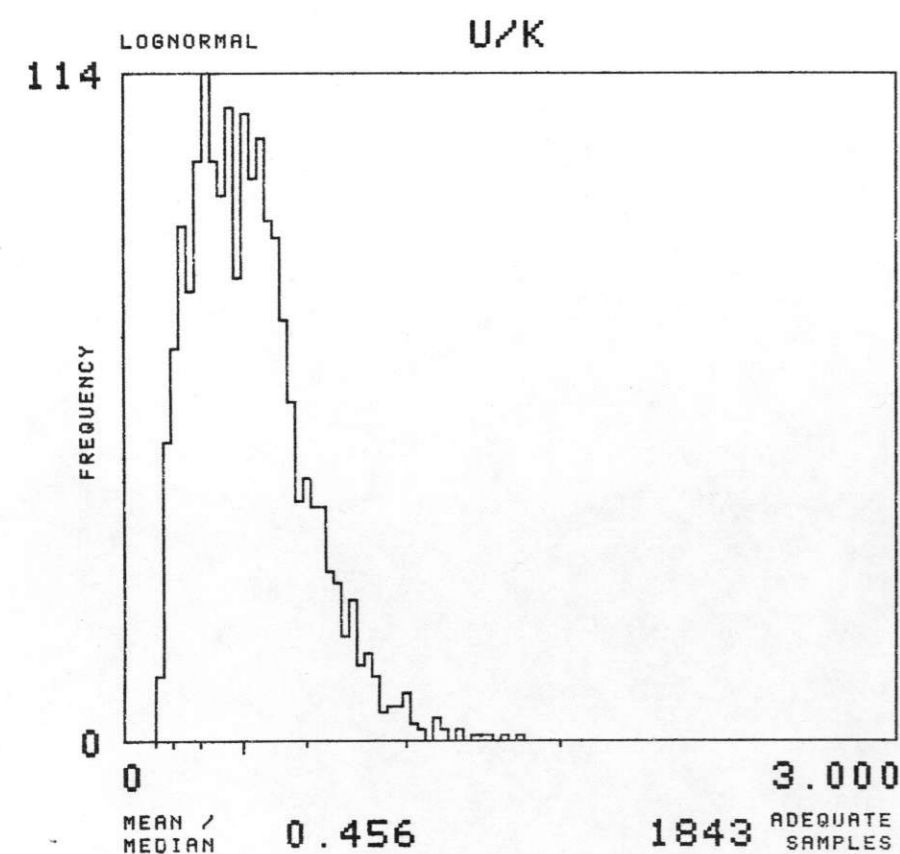
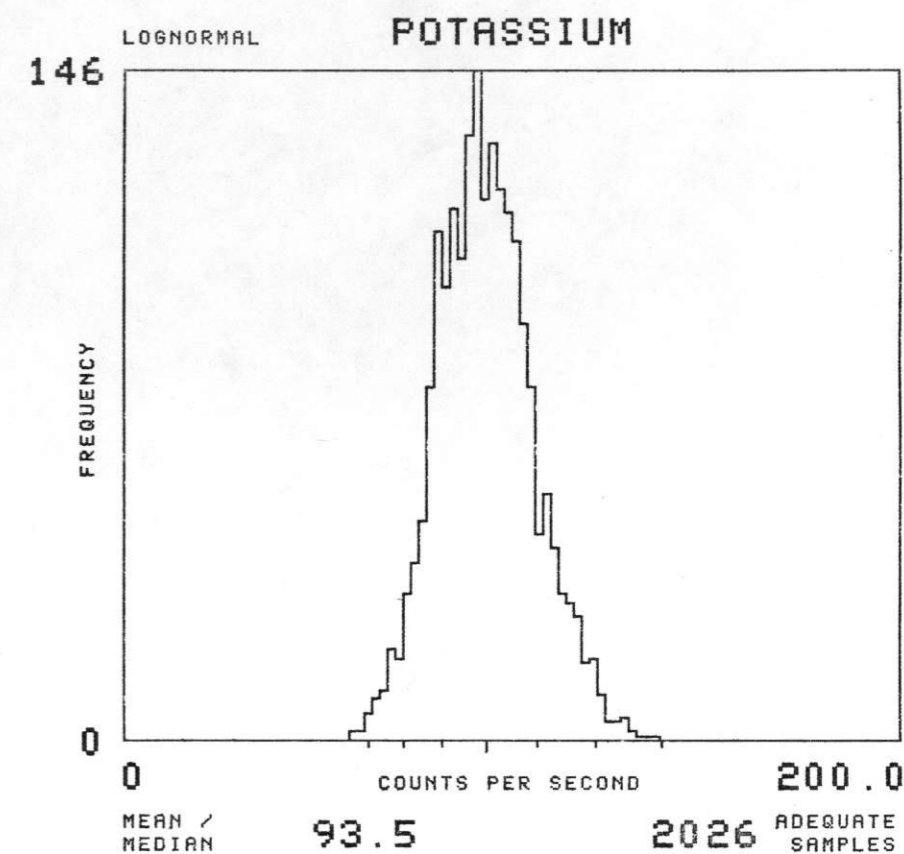
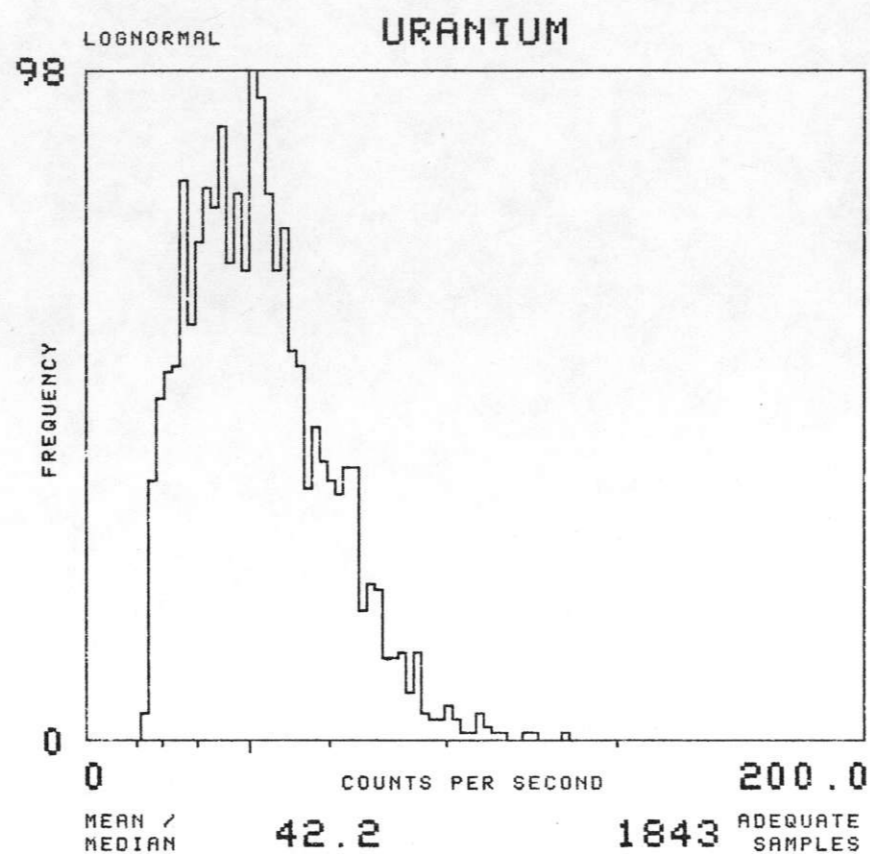
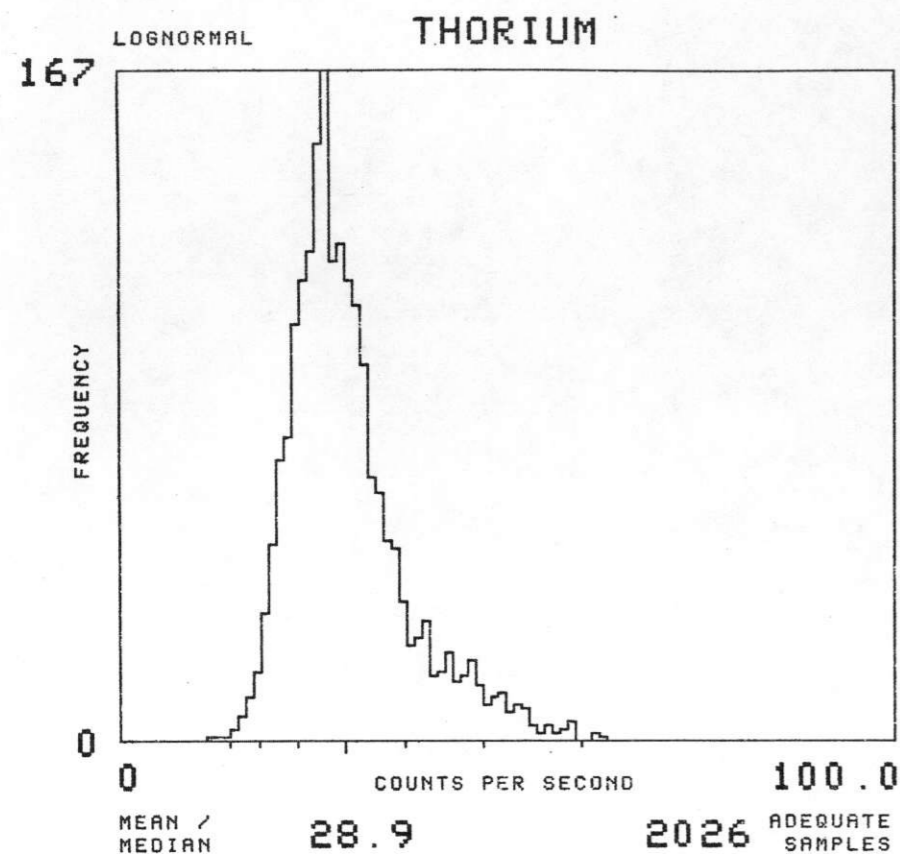


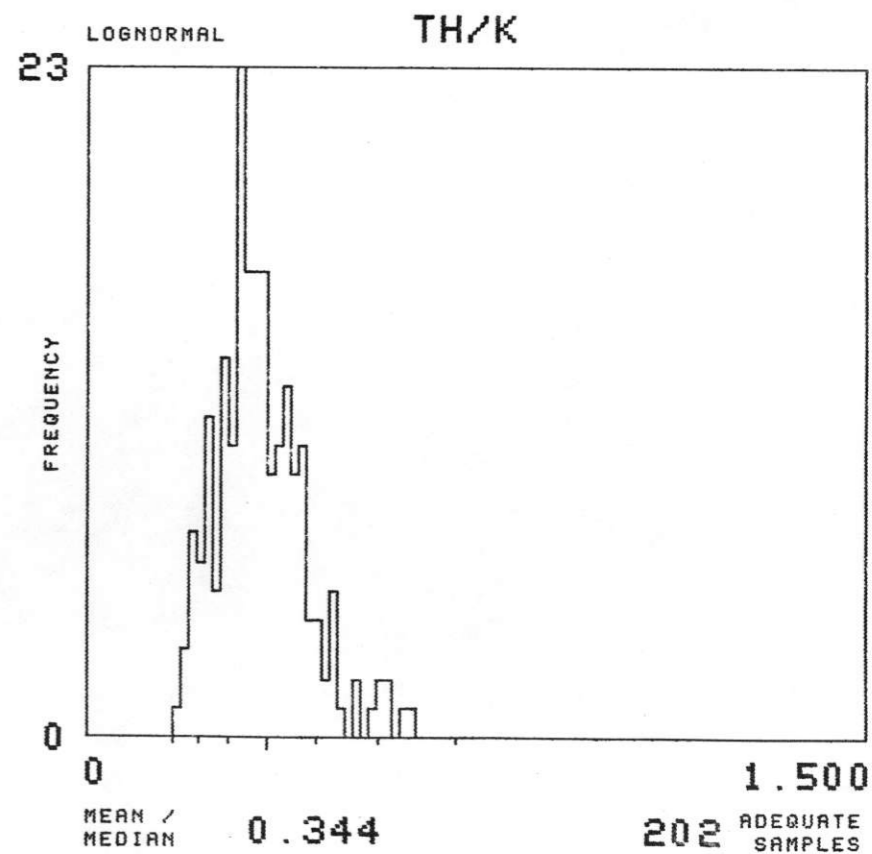
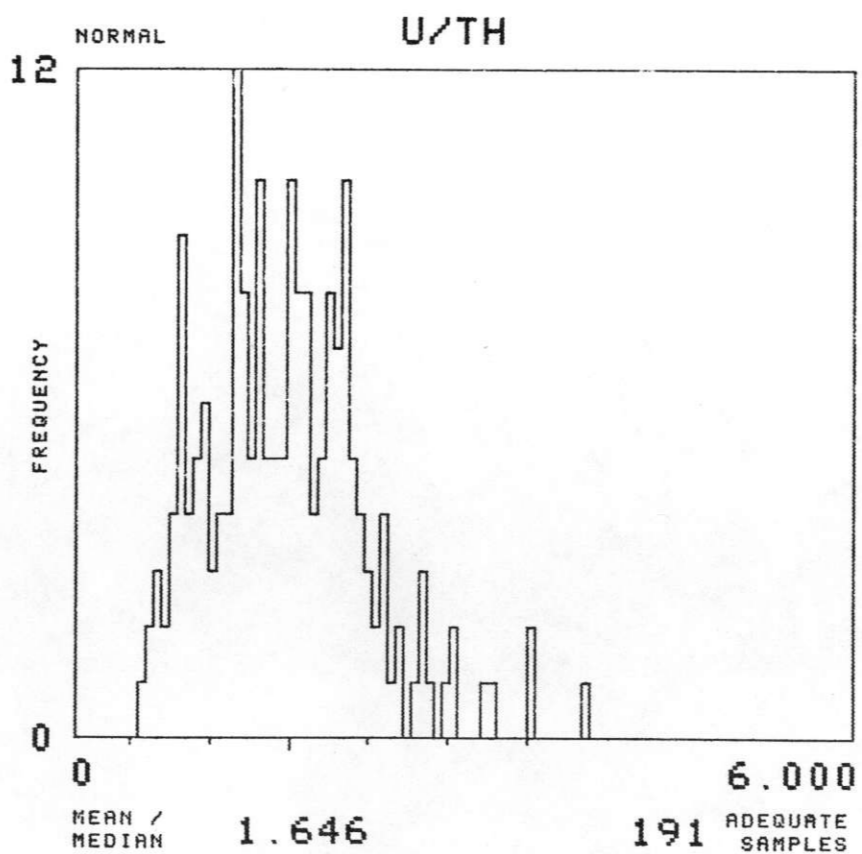
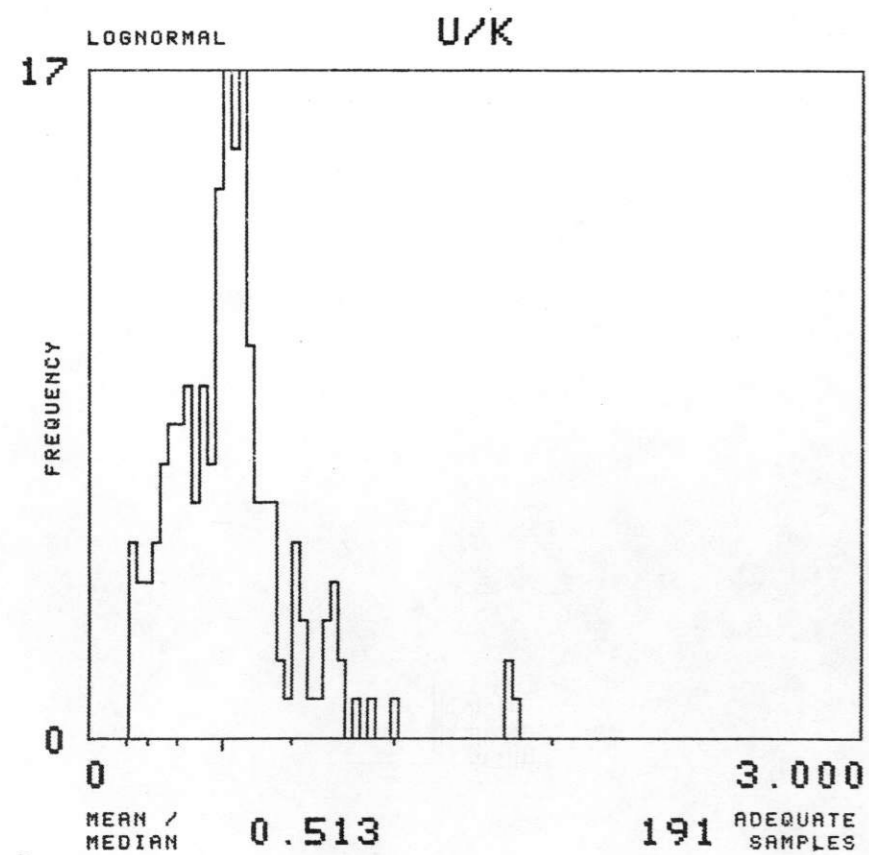
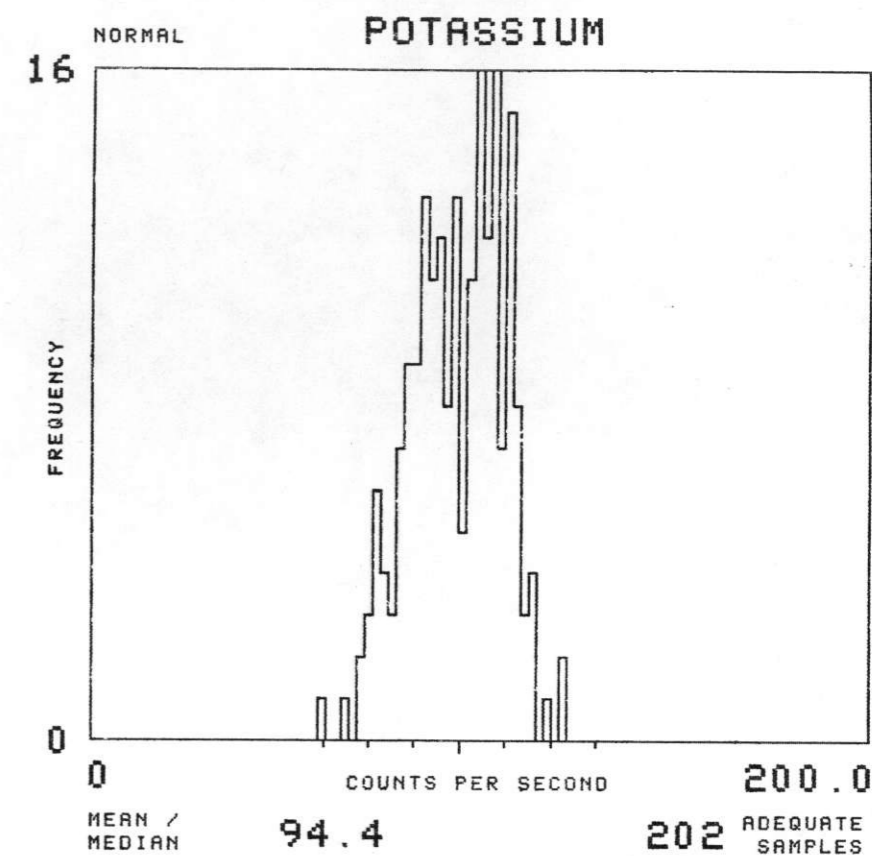
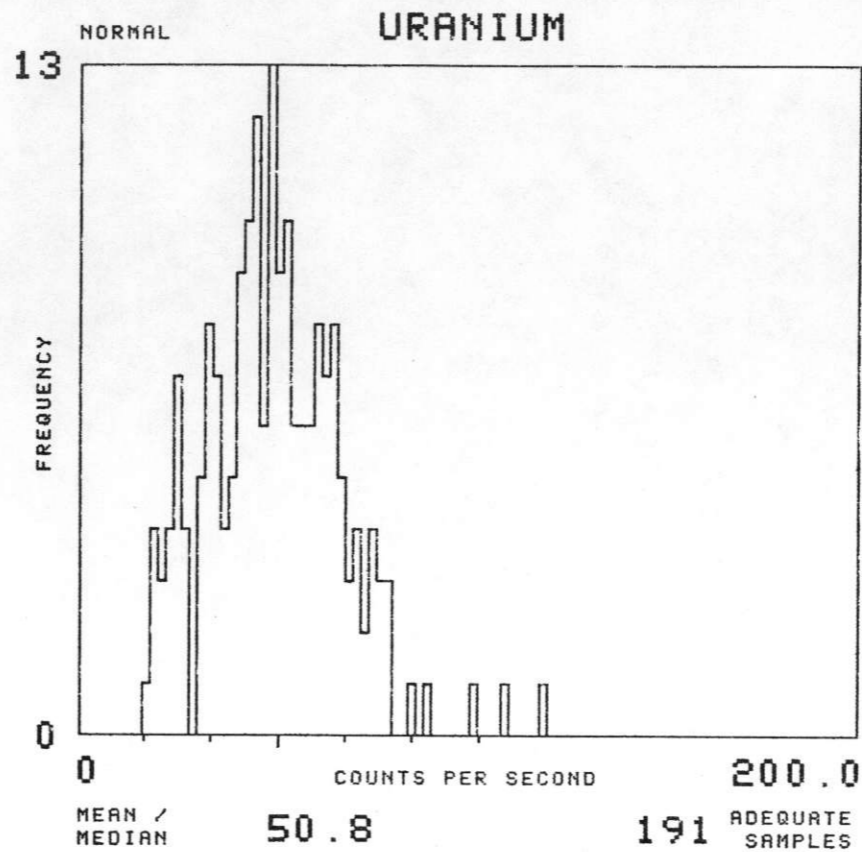
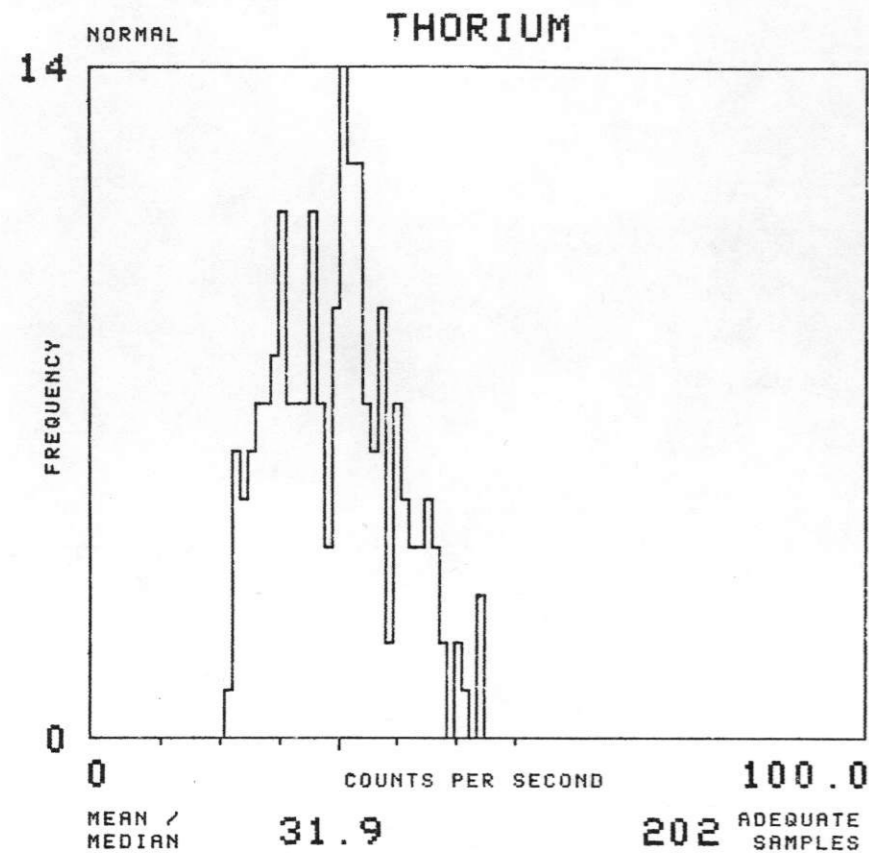


NTMS NK 14-9 FREMONT

SOIL GROUP : V TOTAL NUMBER OF SAMPLES 2026

EAST SALINA BASIN - GEOMETRICS 1977



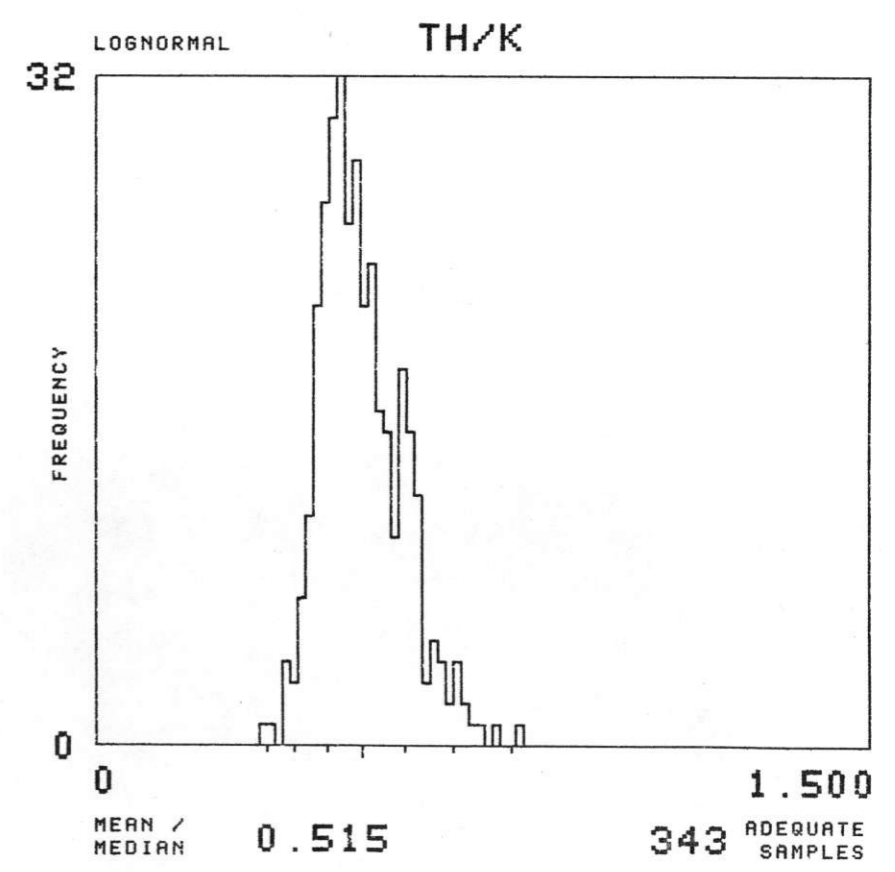
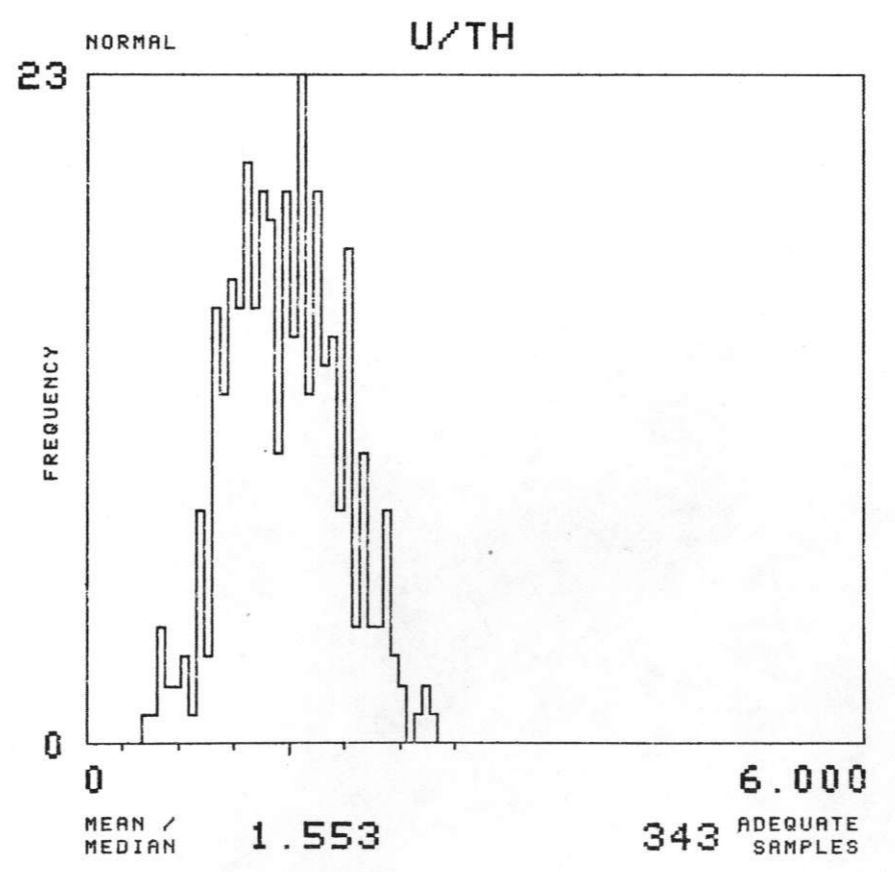
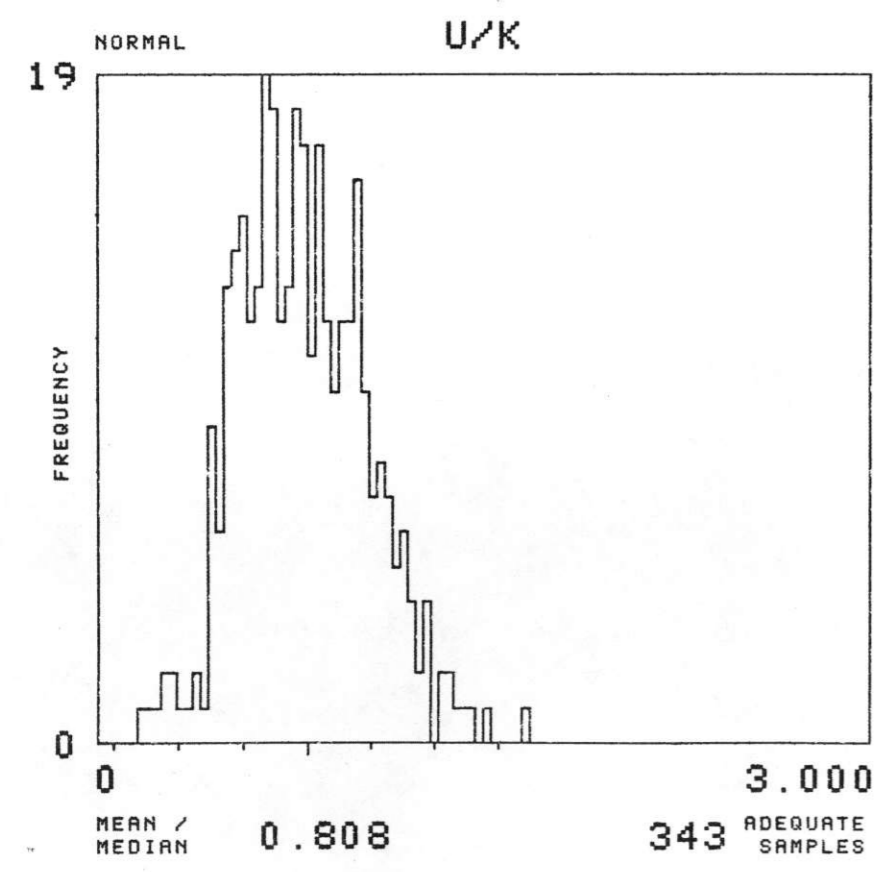
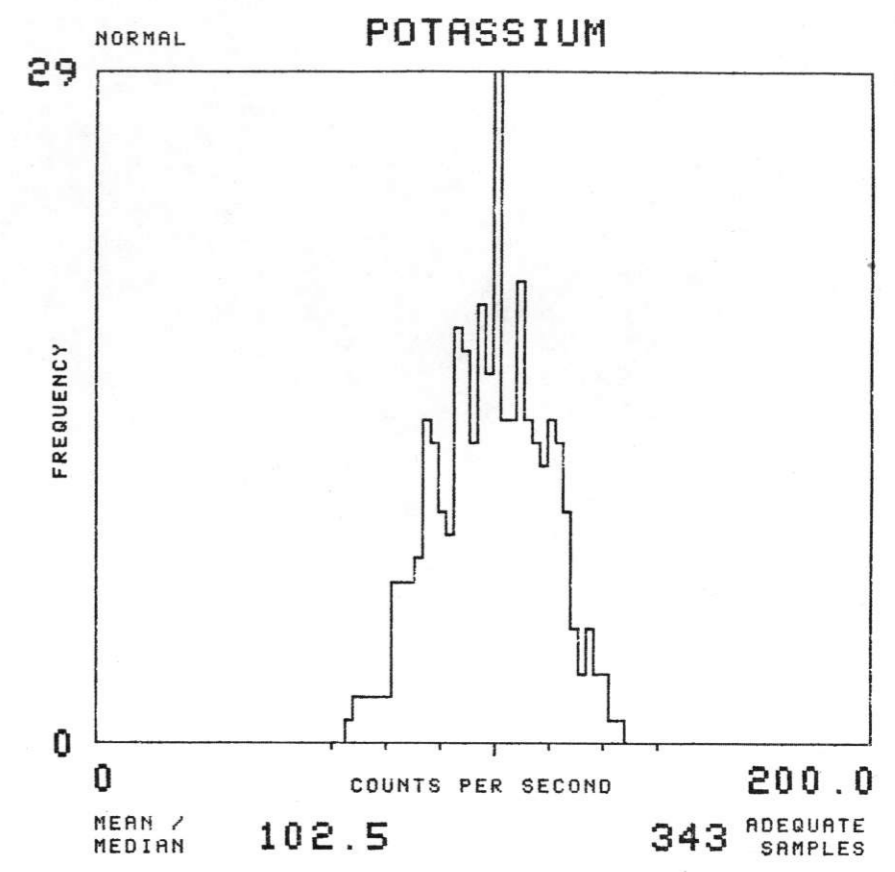
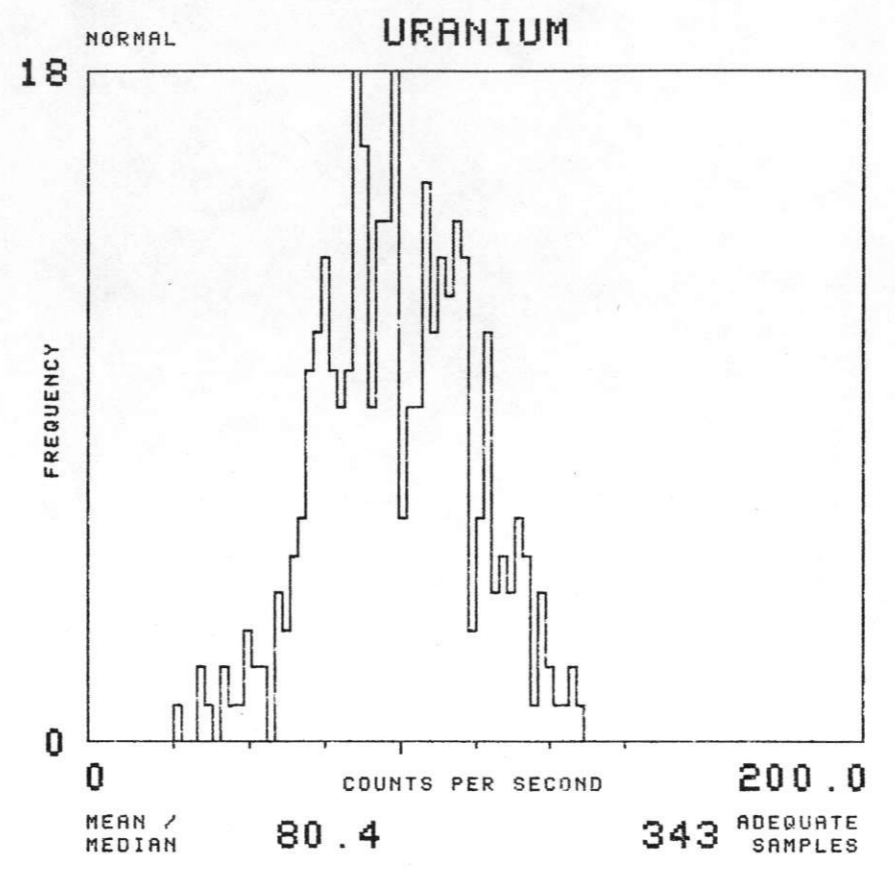
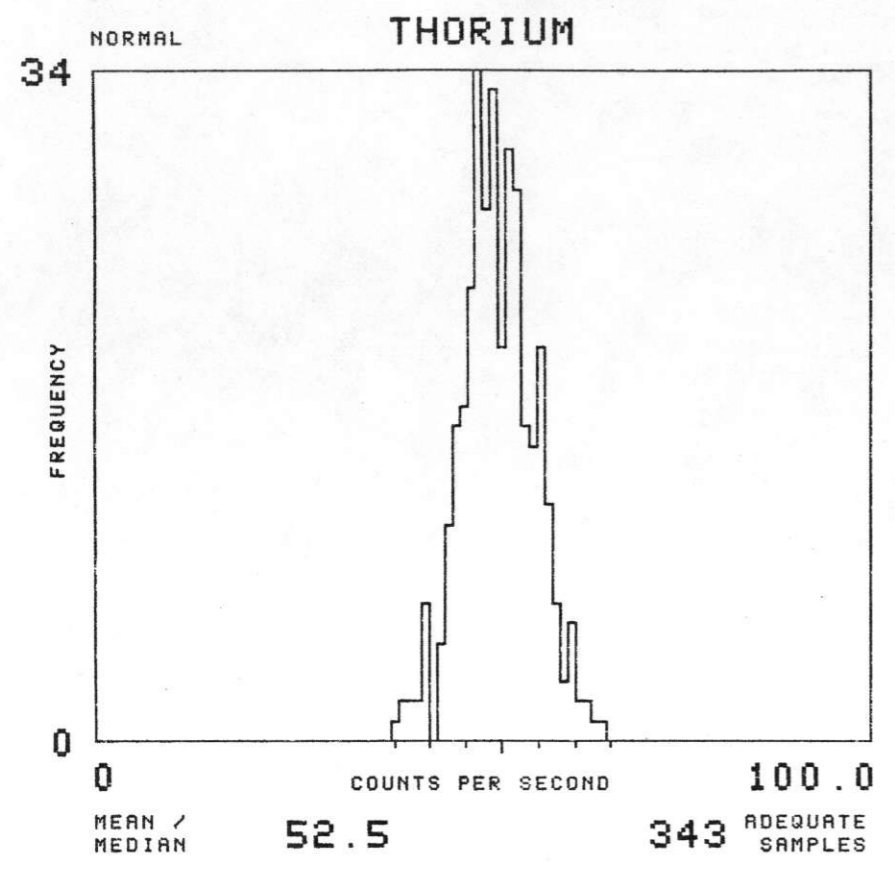


NTMS NK 14-9 FREMONT

SOIL GROUP : W

TOTAL NUMBER OF SAMPLES 343

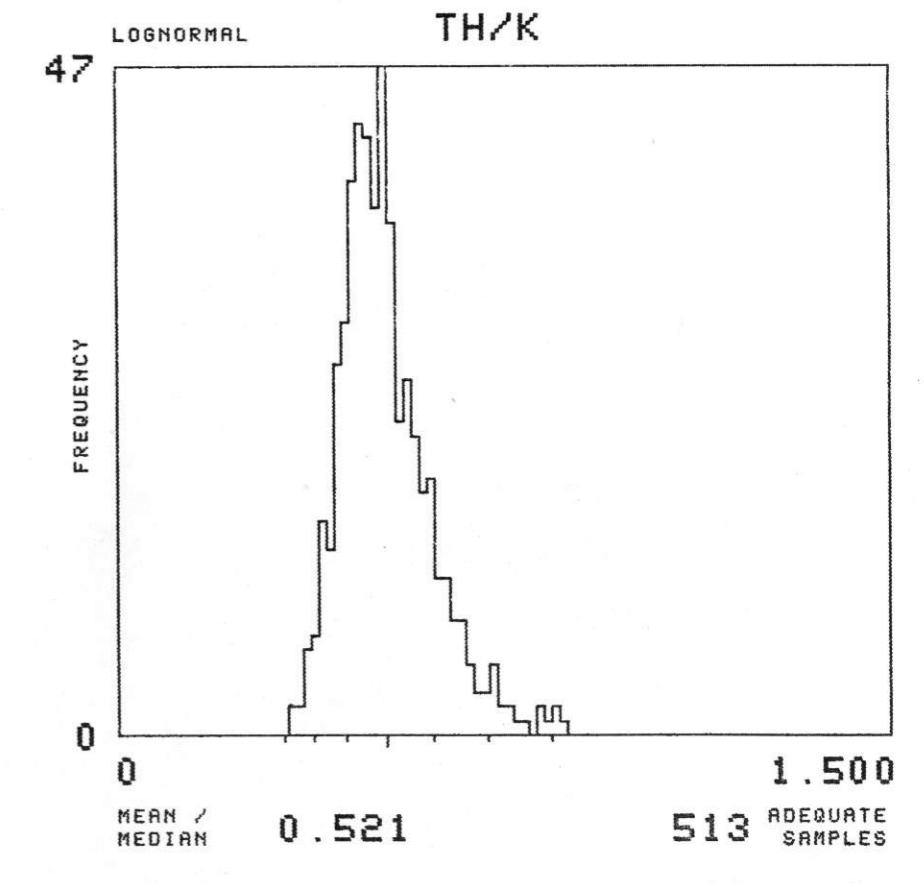
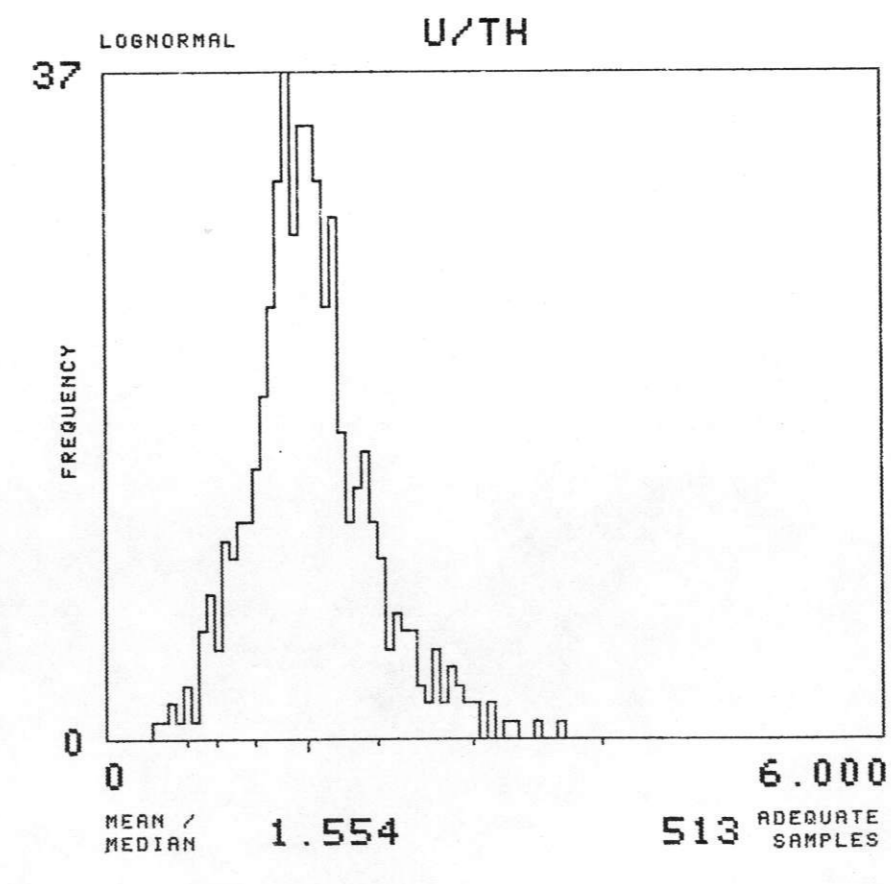
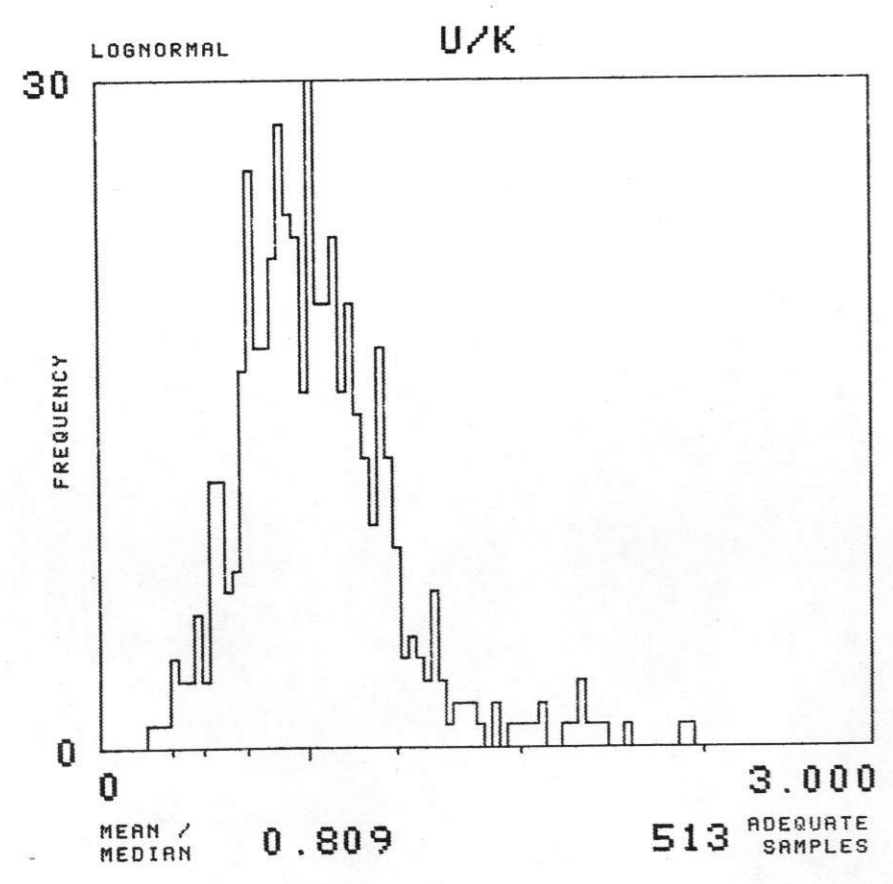
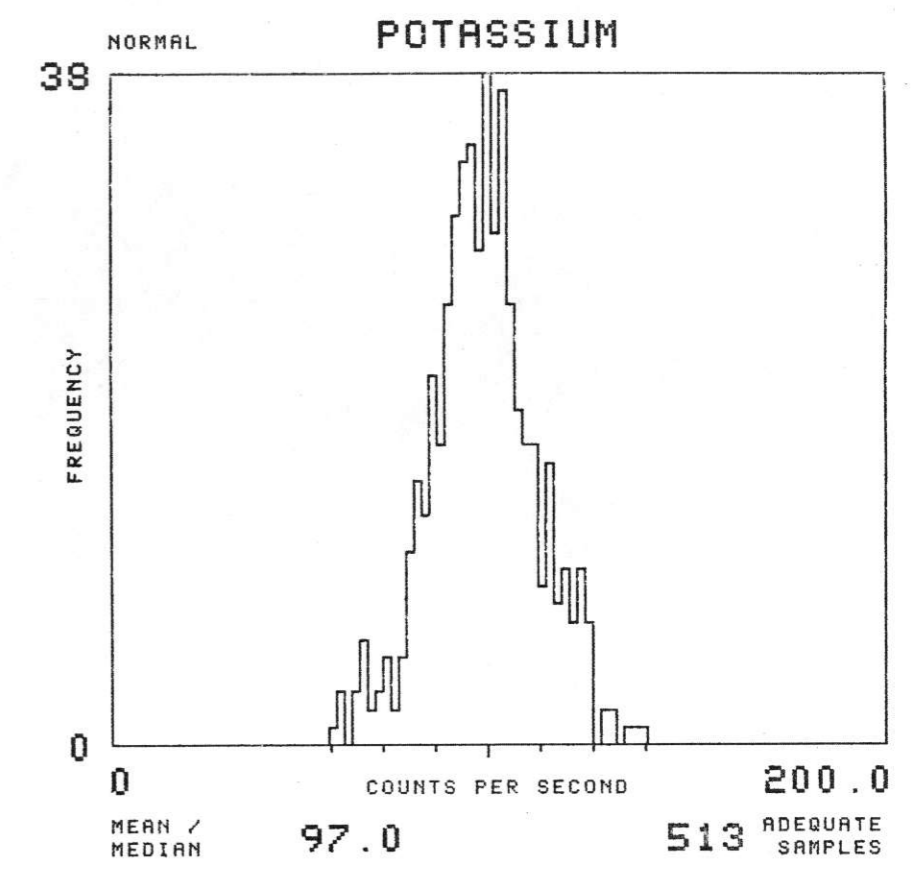
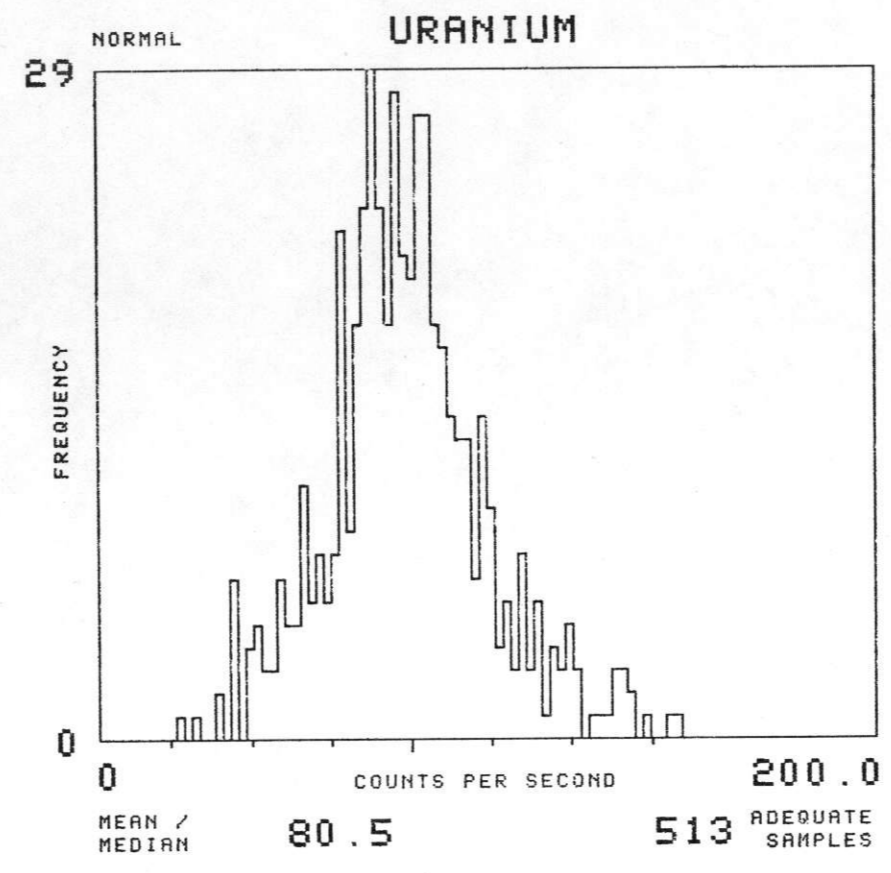
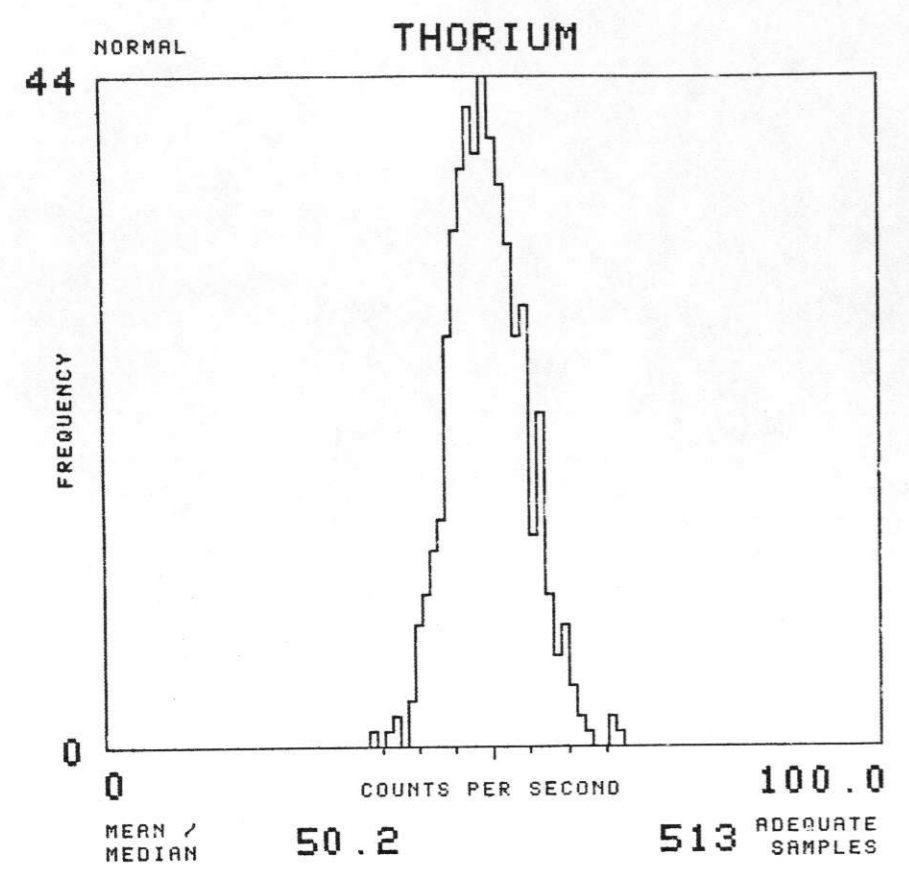
EAST SALINA BASIN - GEOMETRICS 1977



NTMS NK 14-9 FREMONT

SOIL GROUP : WB TOTAL NUMBER OF SAMPLES 513

EAST SALINA BASIN - GEOMETRICS 1977

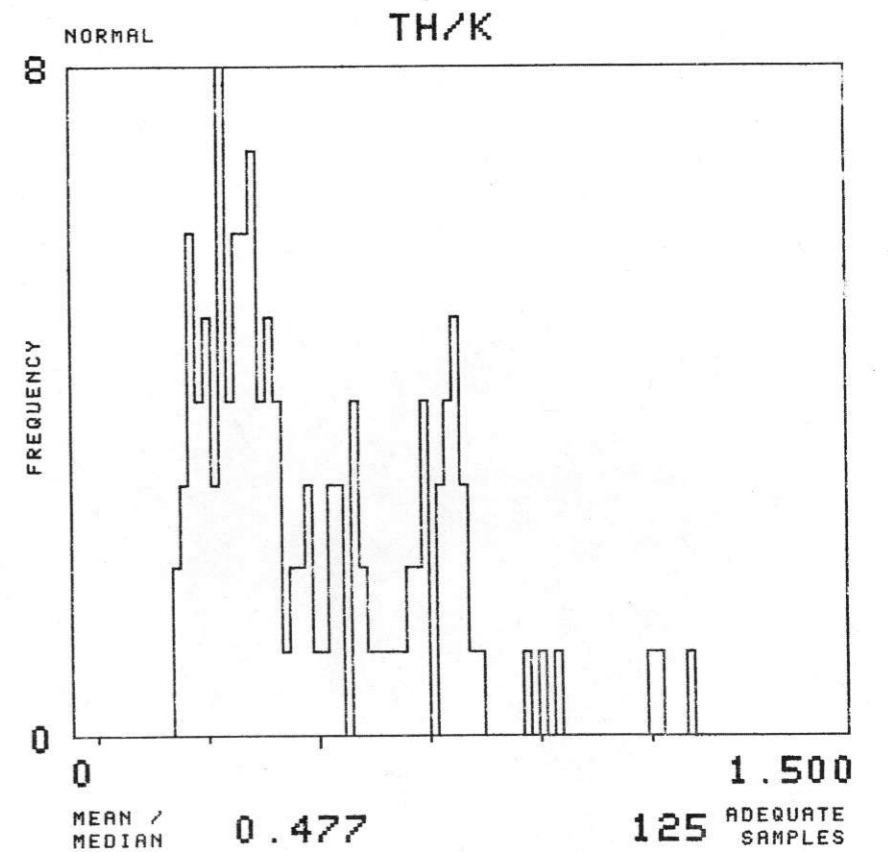
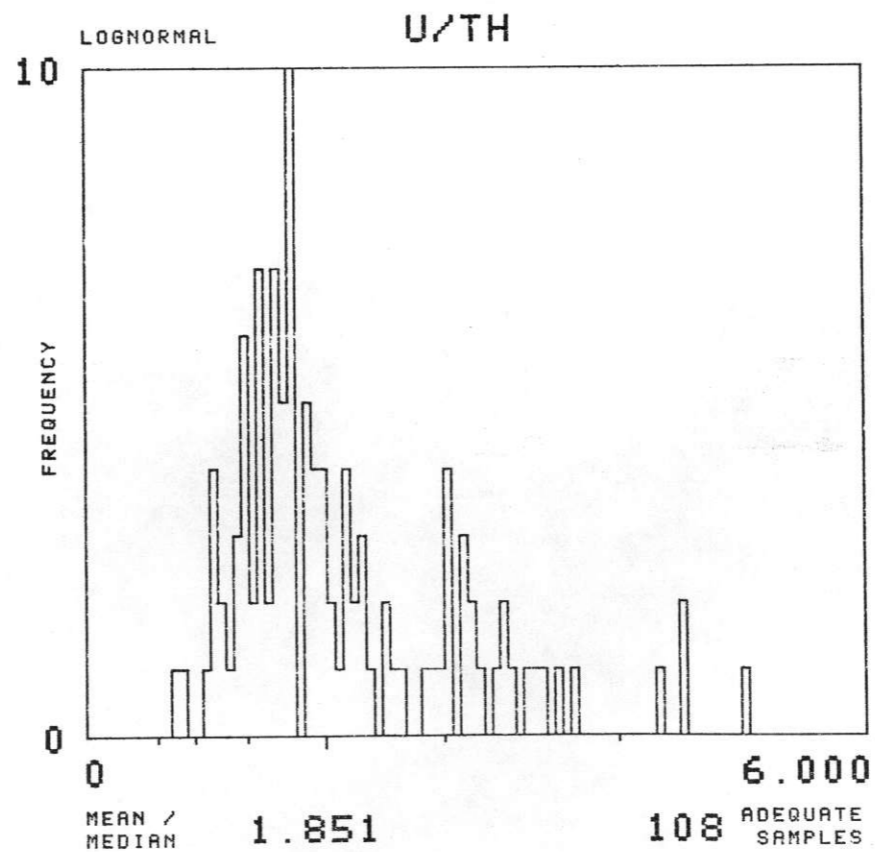
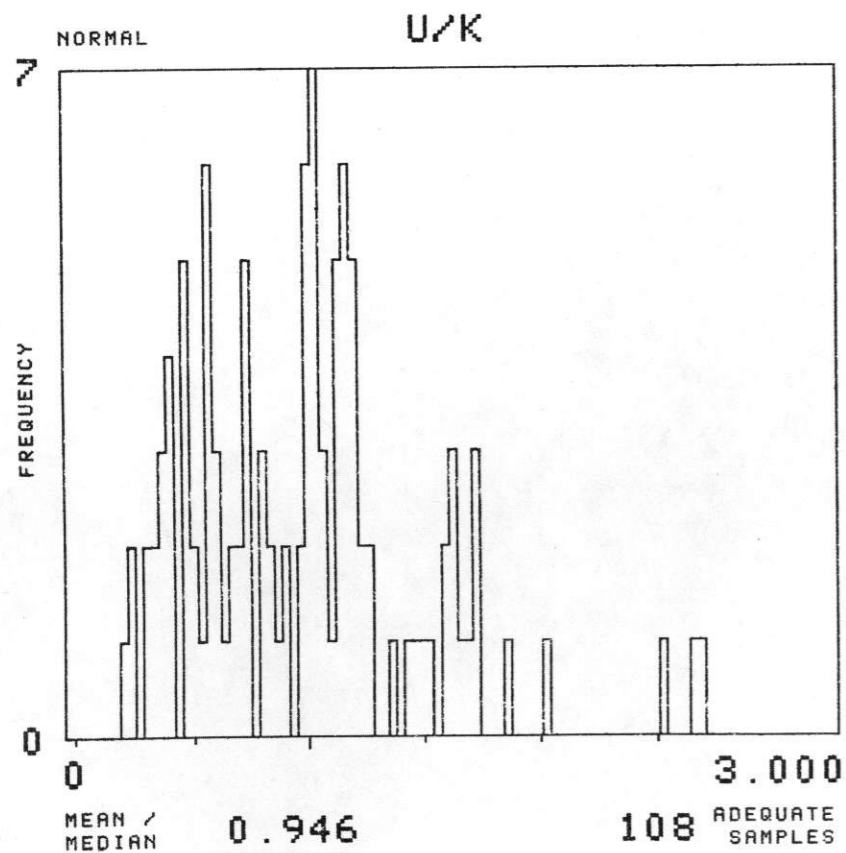
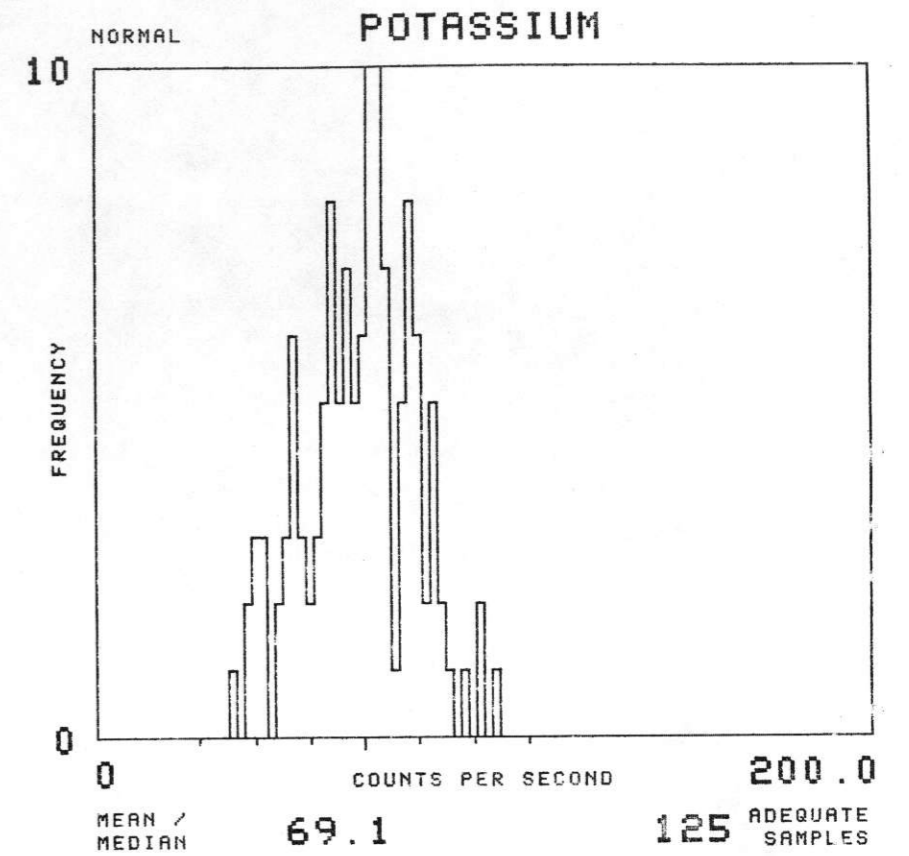
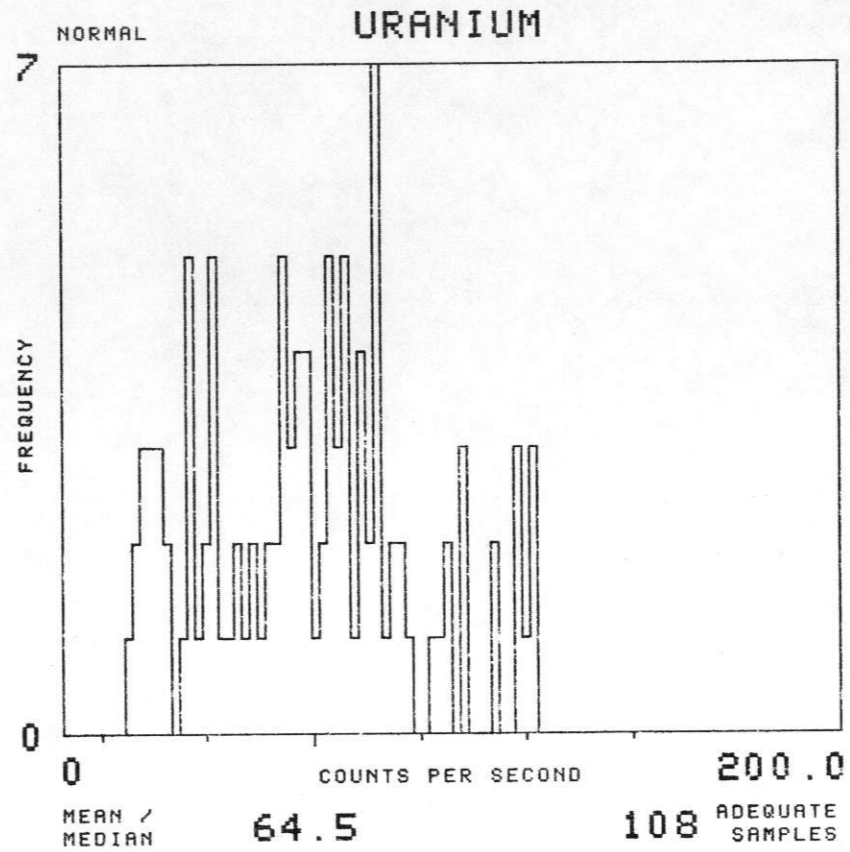
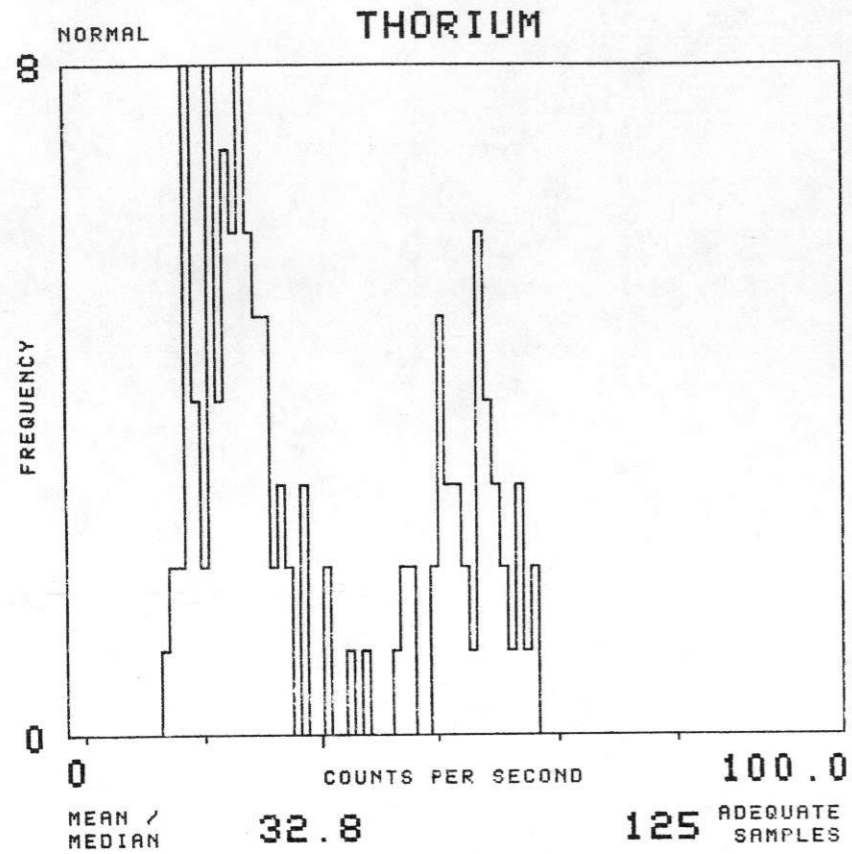




NTMS NK 14-9 FREMONT

SOIL GROUP : WBCSSA TOTAL NUMBER OF SAMPLES 125

EAST SALINA BASIN - GEOMETRICS 1977

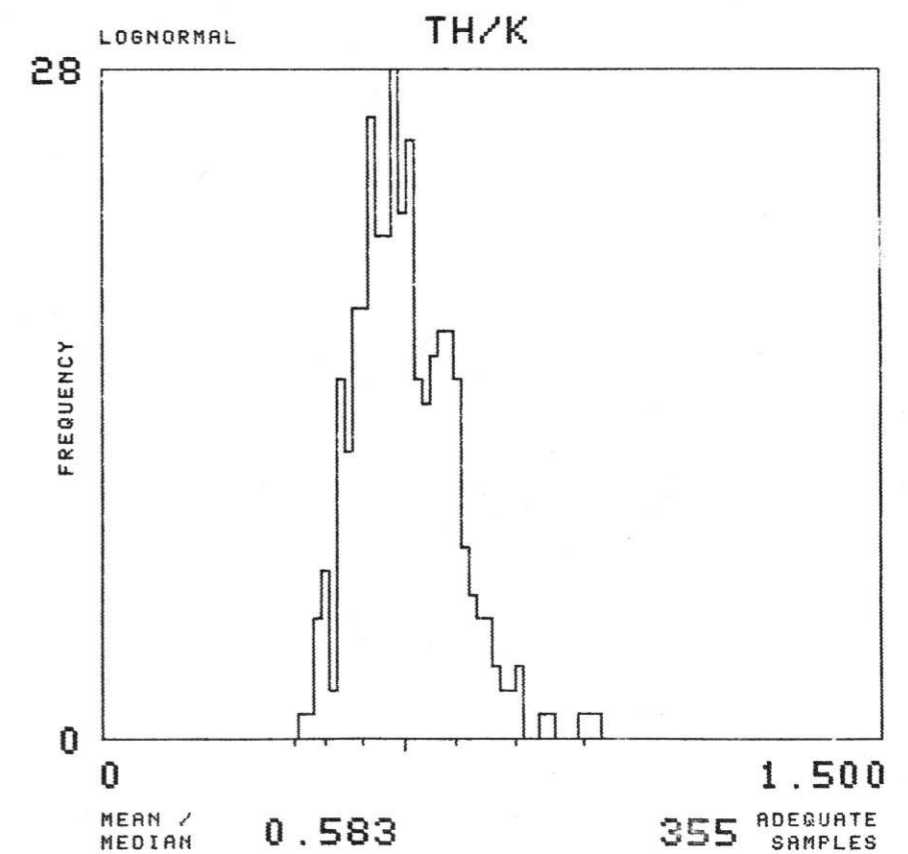
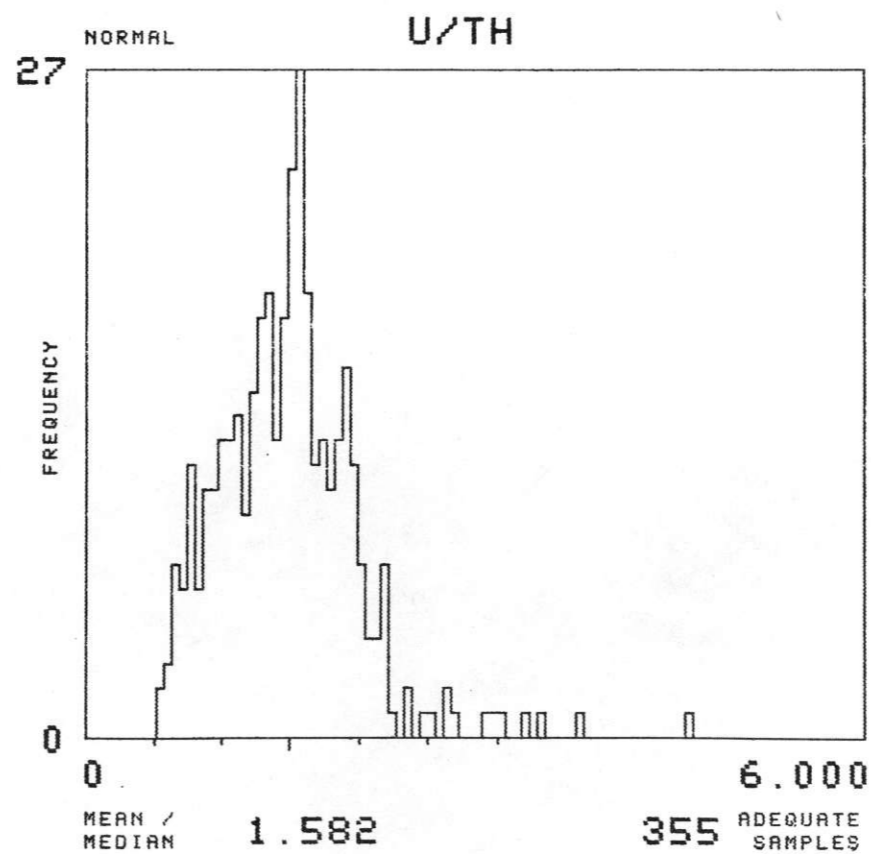
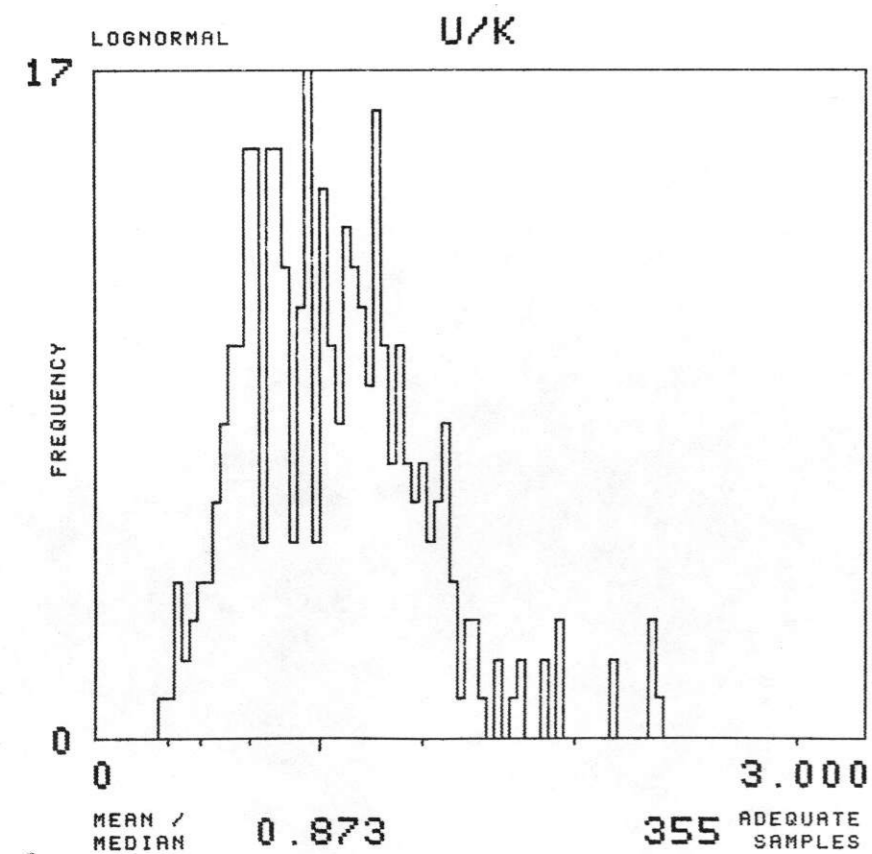
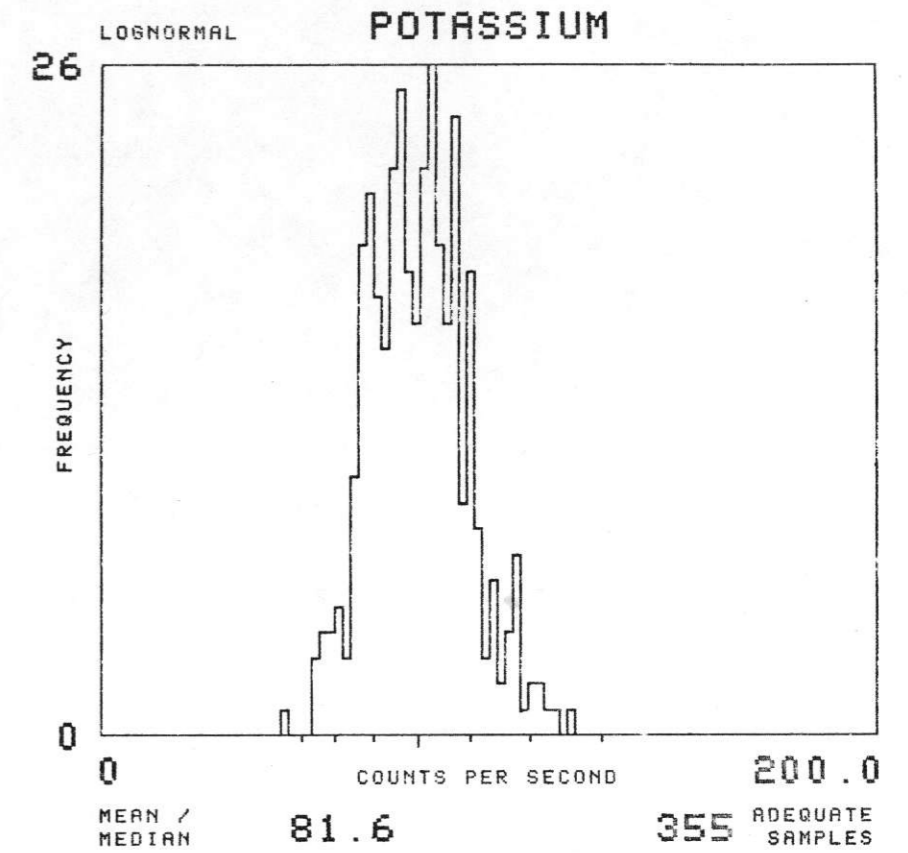
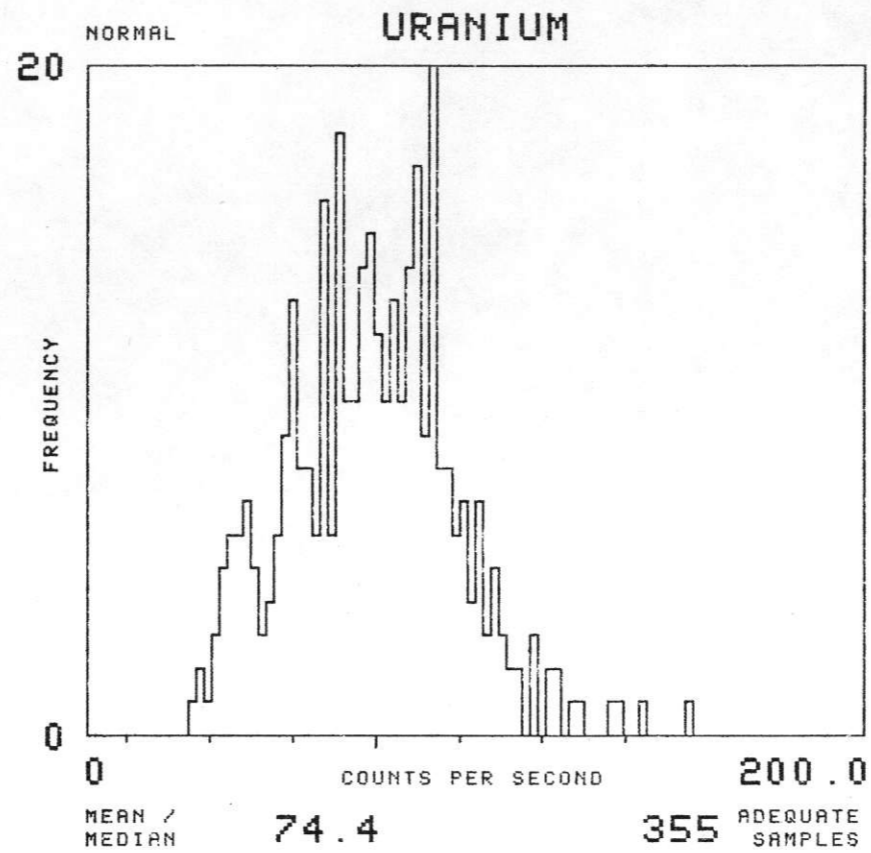
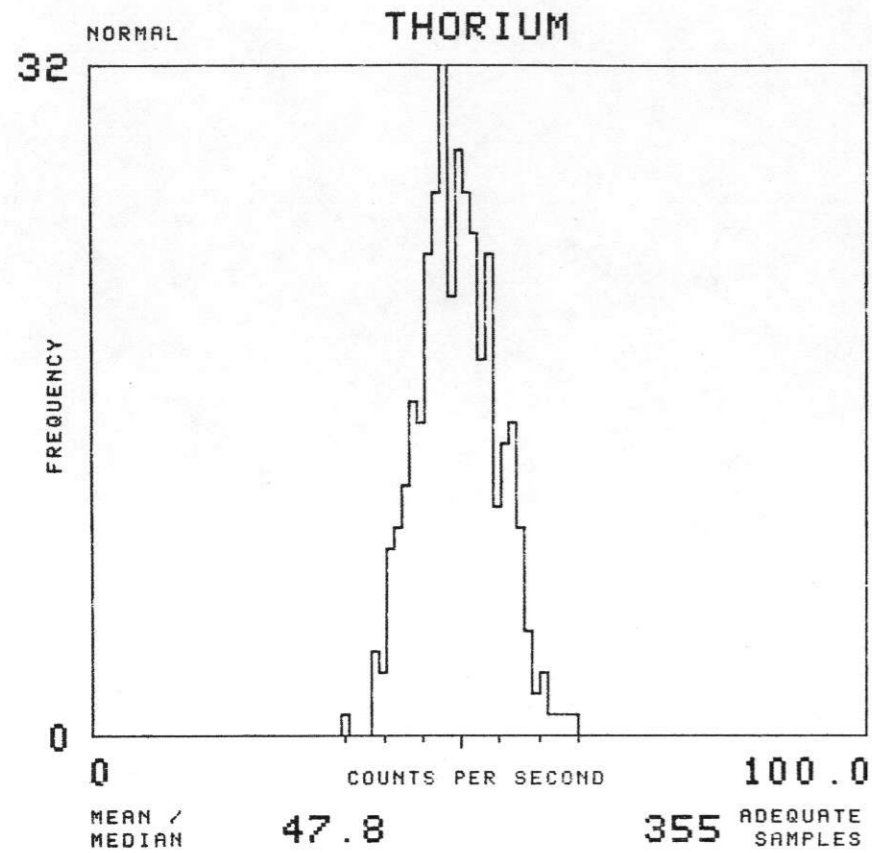


NTMS NK 14-9 FREMONT

SOIL GROUP : WBL

TOTAL NUMBER OF SAMPLES 355

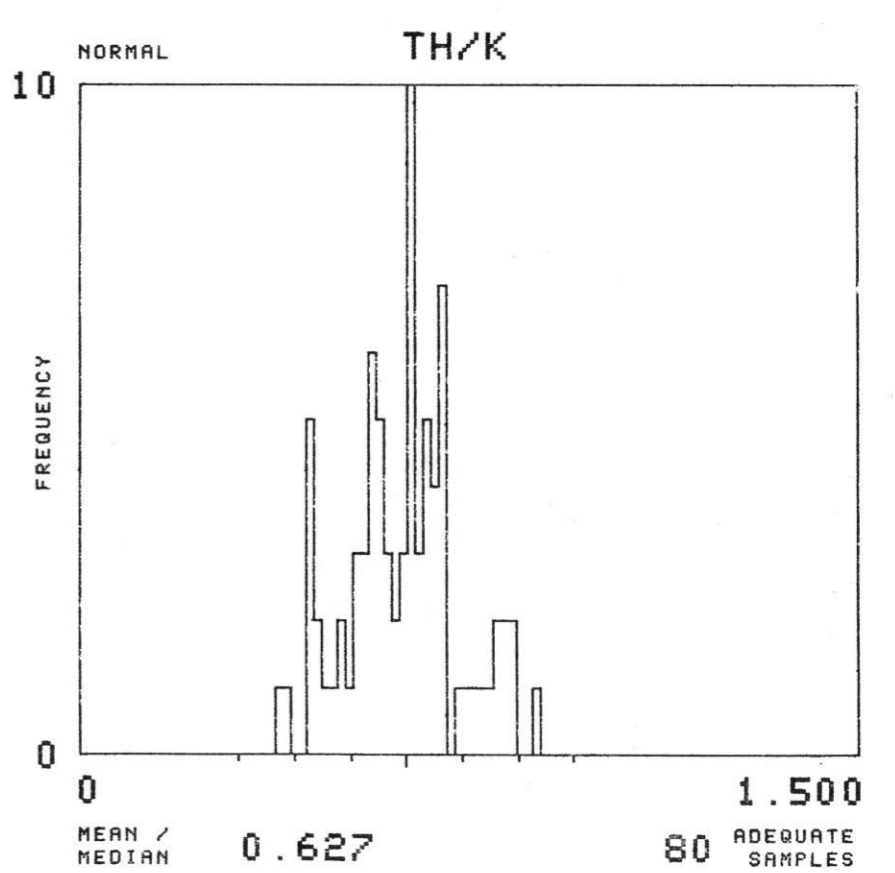
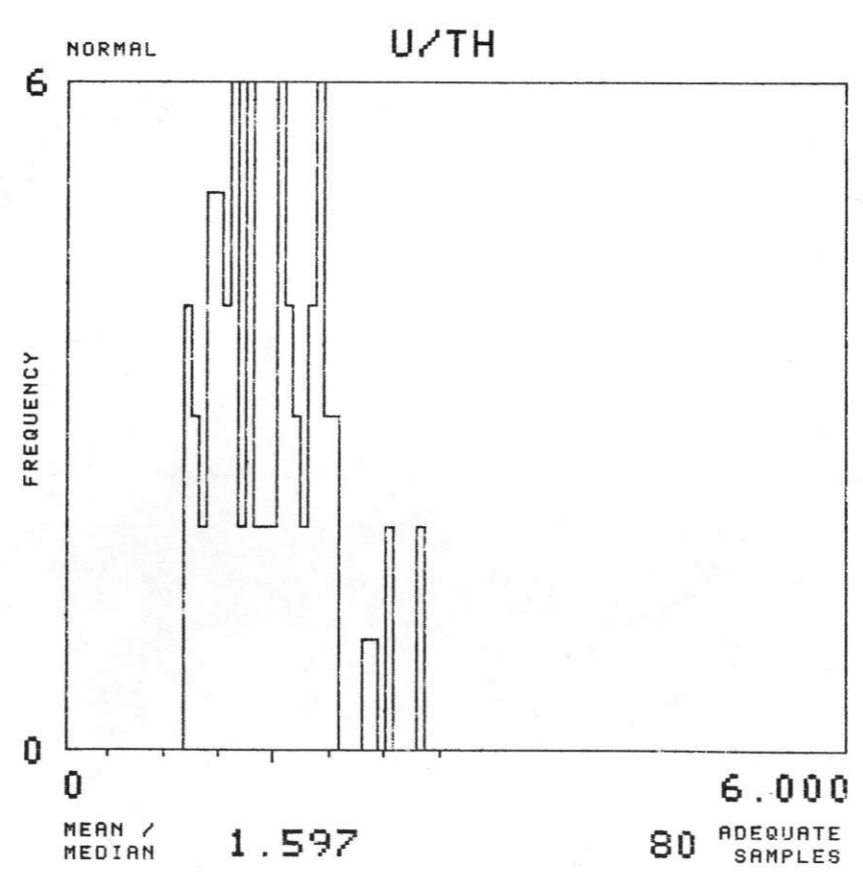
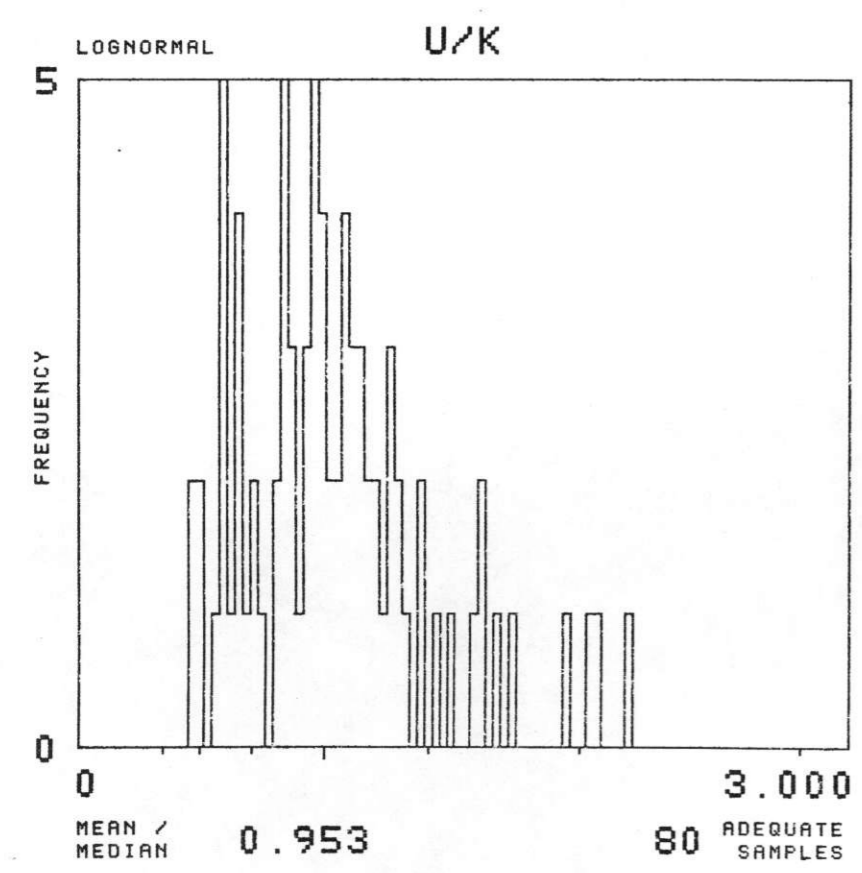
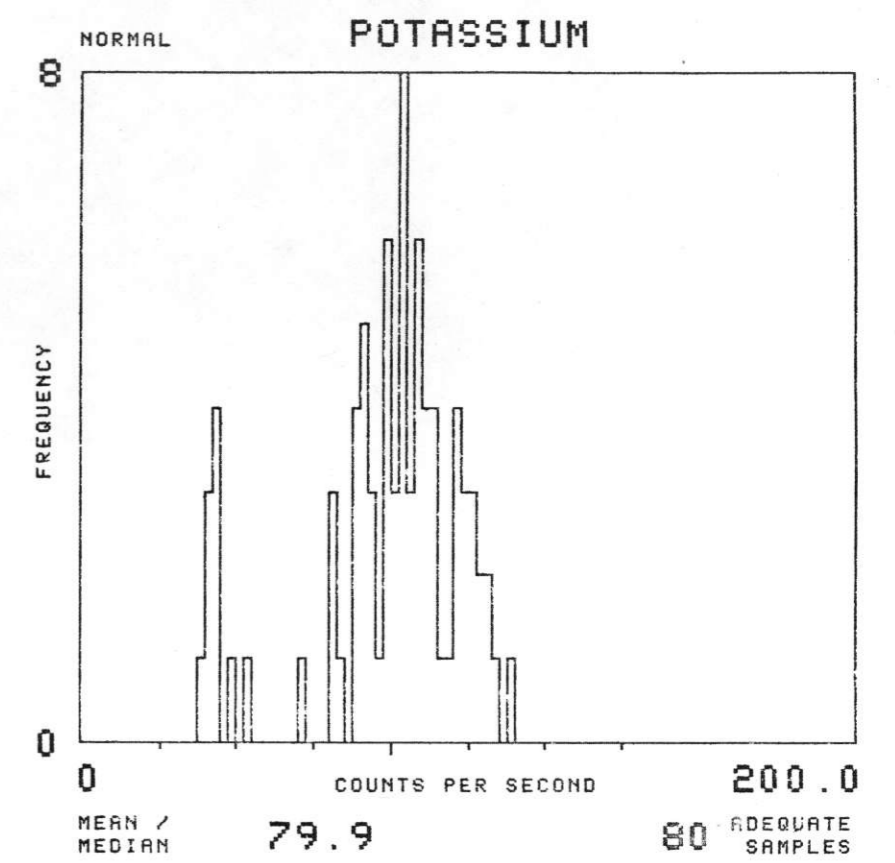
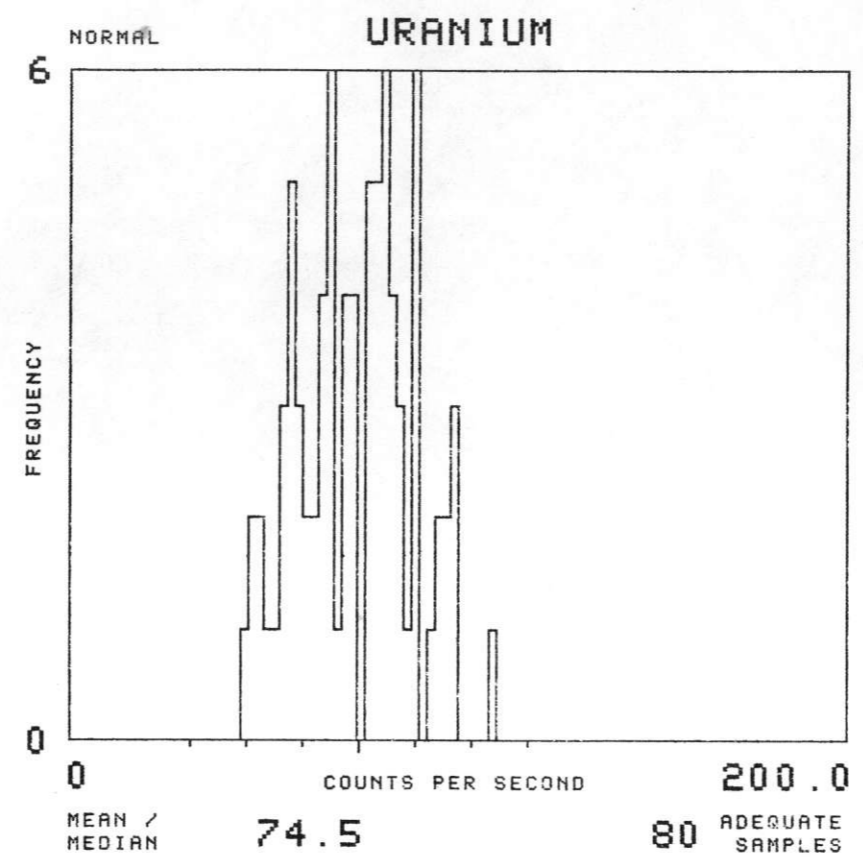
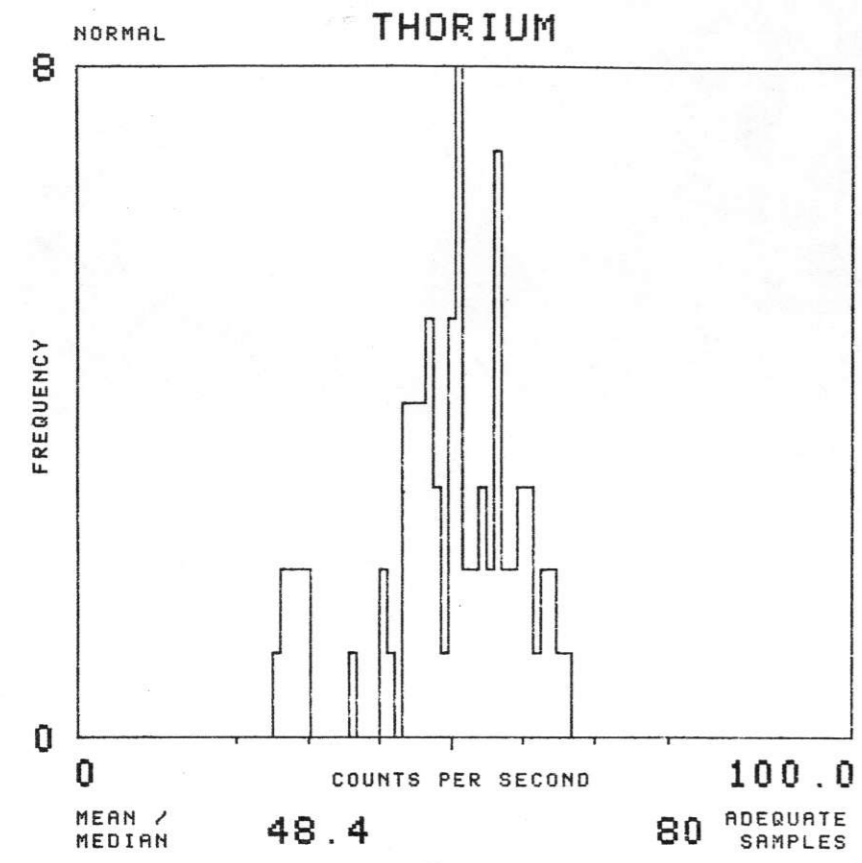
EAST SALINA BASIN - GEOMETRICS 1977



NTMS MK 14-9 FREMONT

SOIL GROUP : WK TOTAL NUMBER OF SAMPLES 80

EAST SALINA BASIN - GEOMETRICS 1977



NTMS NK 14-9 FREMONT

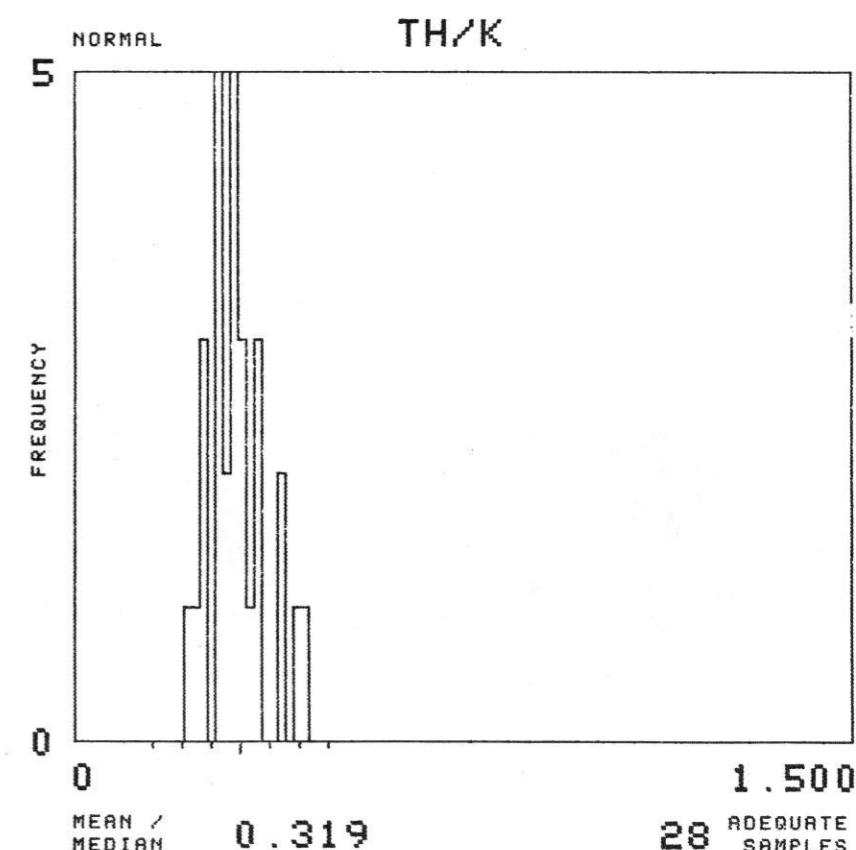
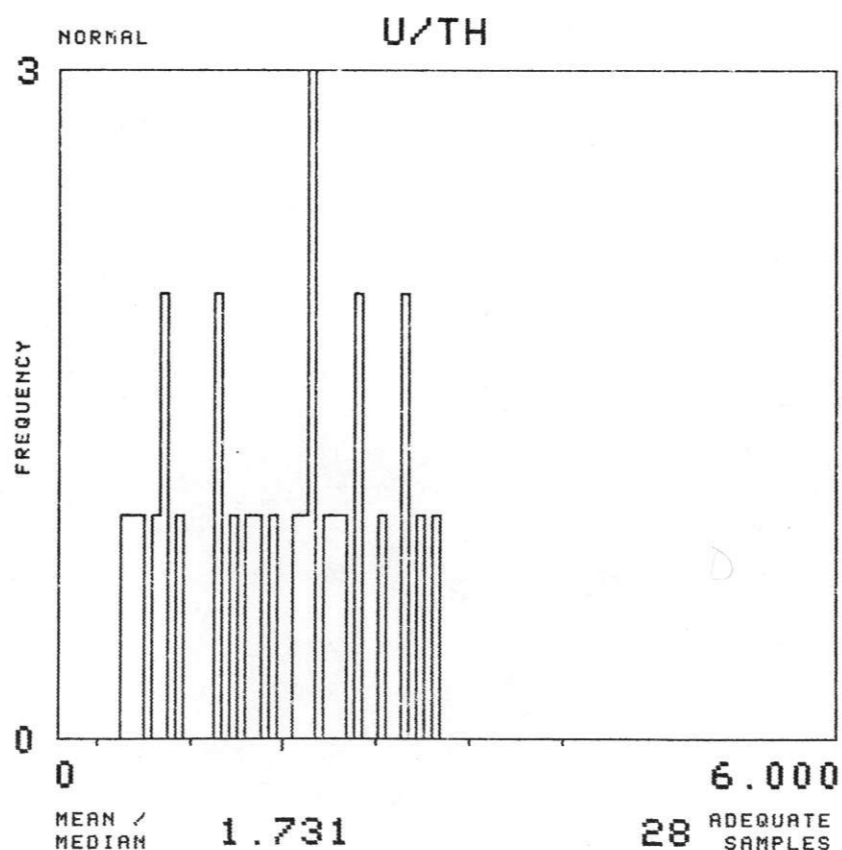
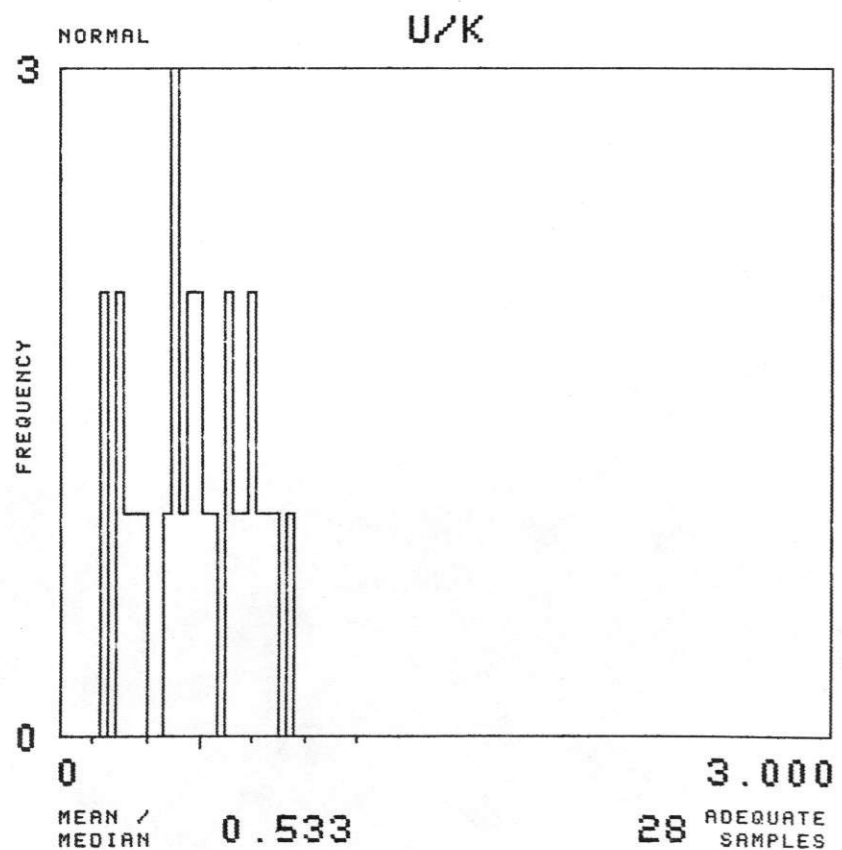
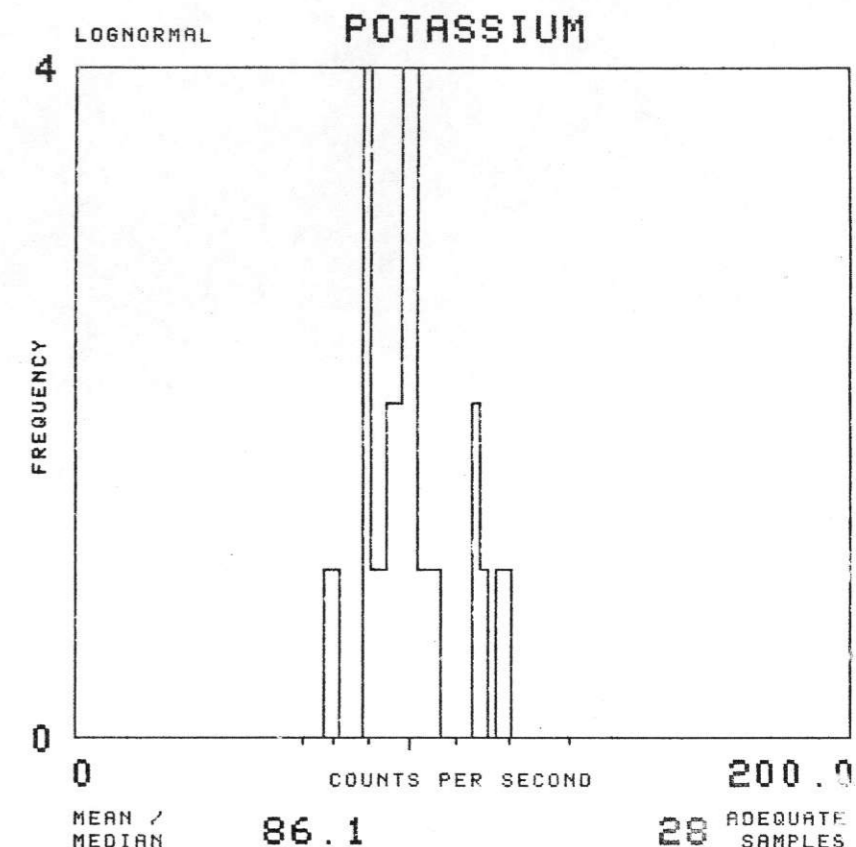
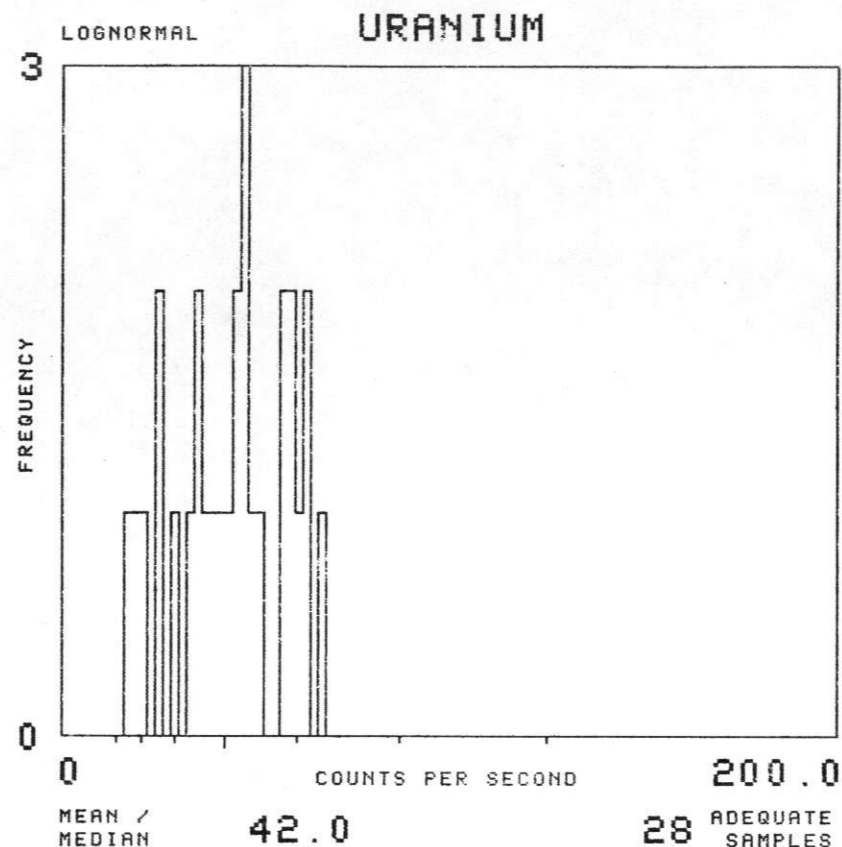
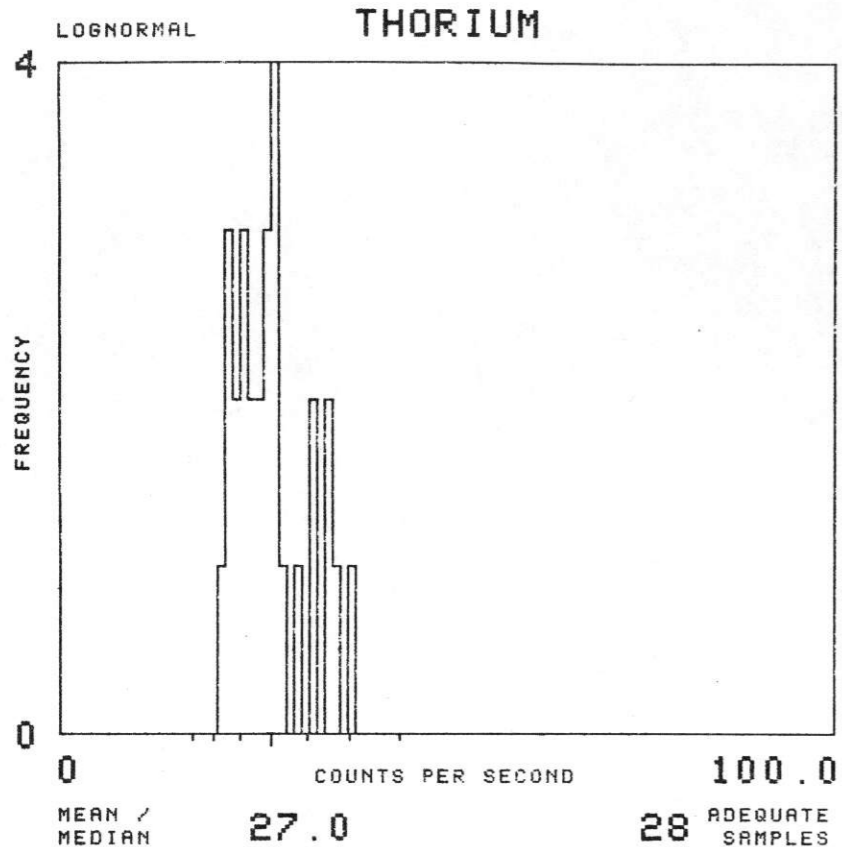
SOIL GROUP : WN

TOTAL NUMBER OF SAMPLES

28

EAST SALINA BASIN - GEOMETRICS

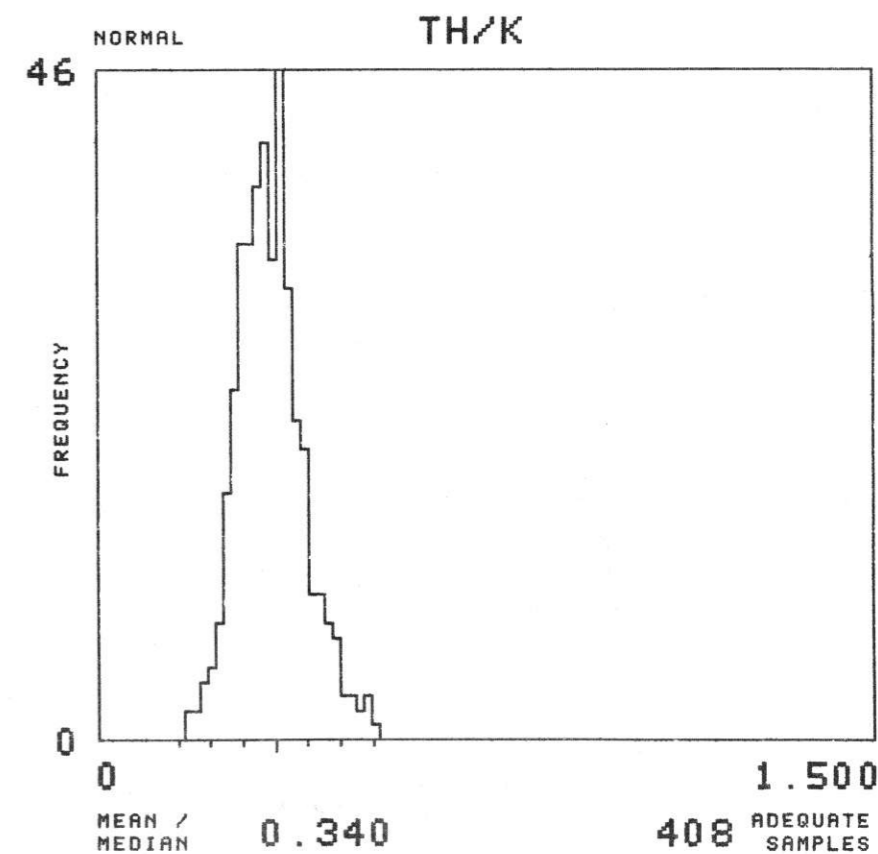
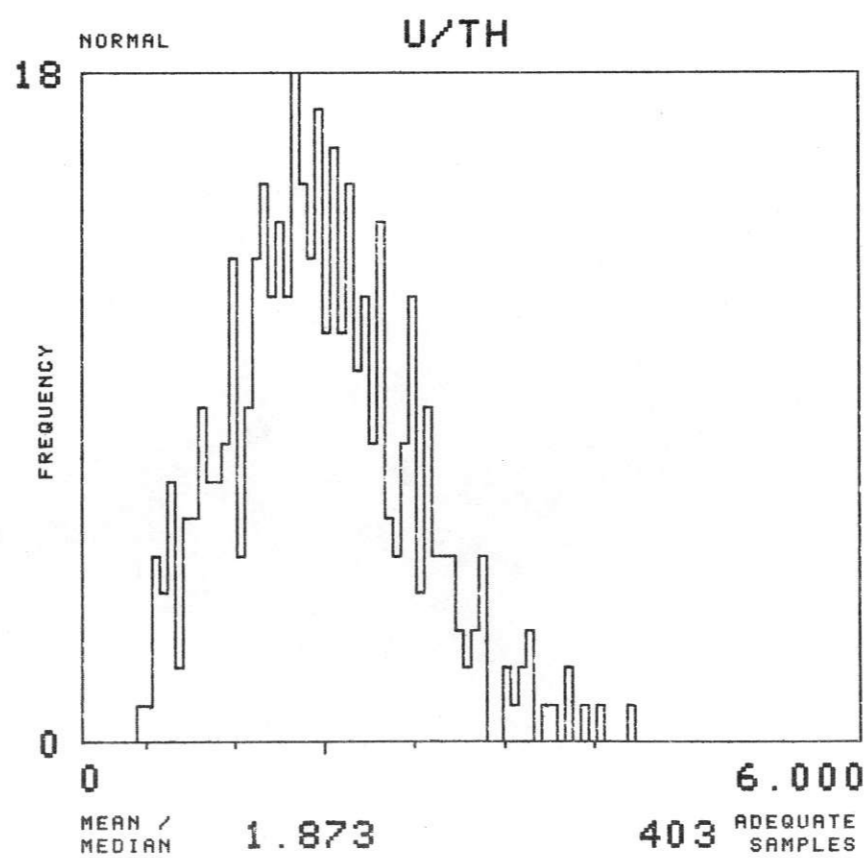
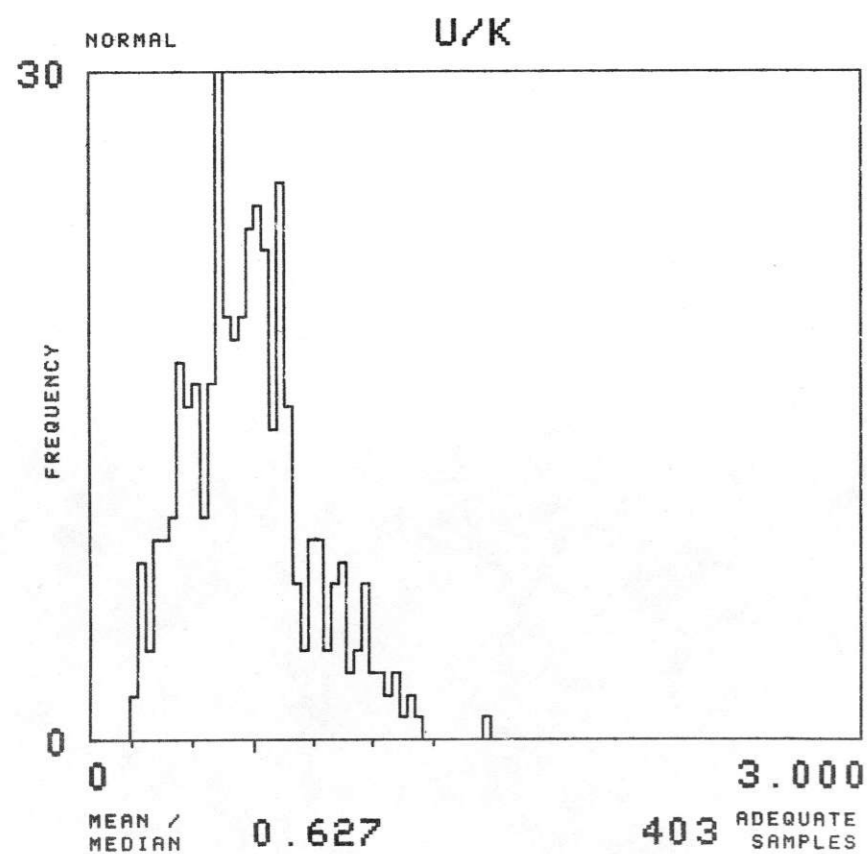
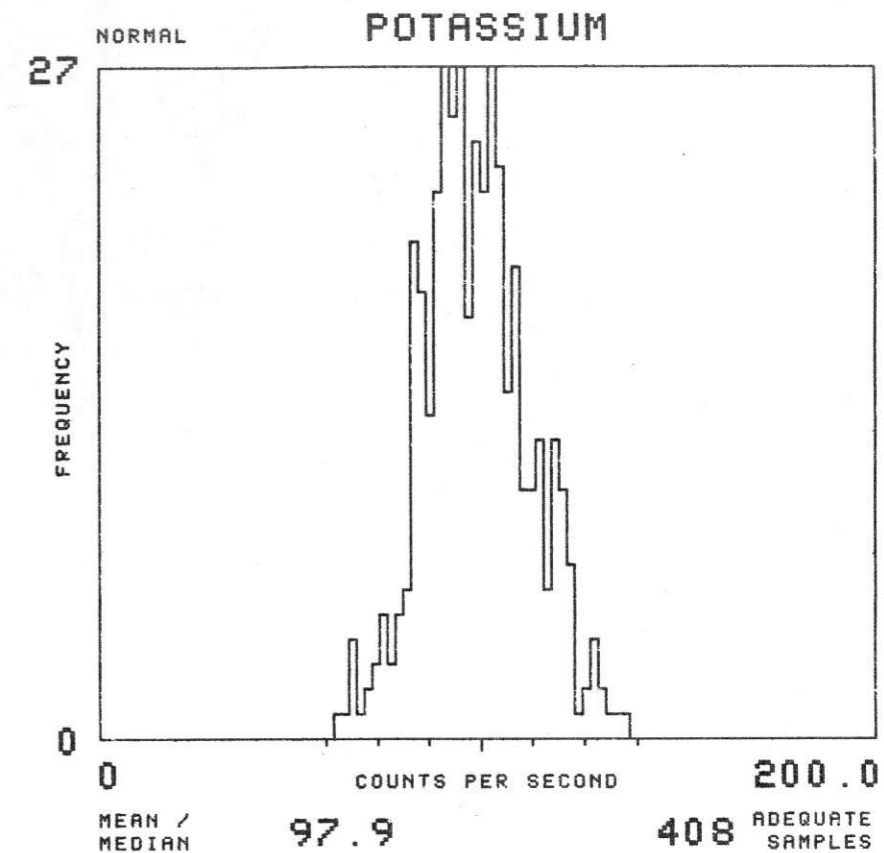
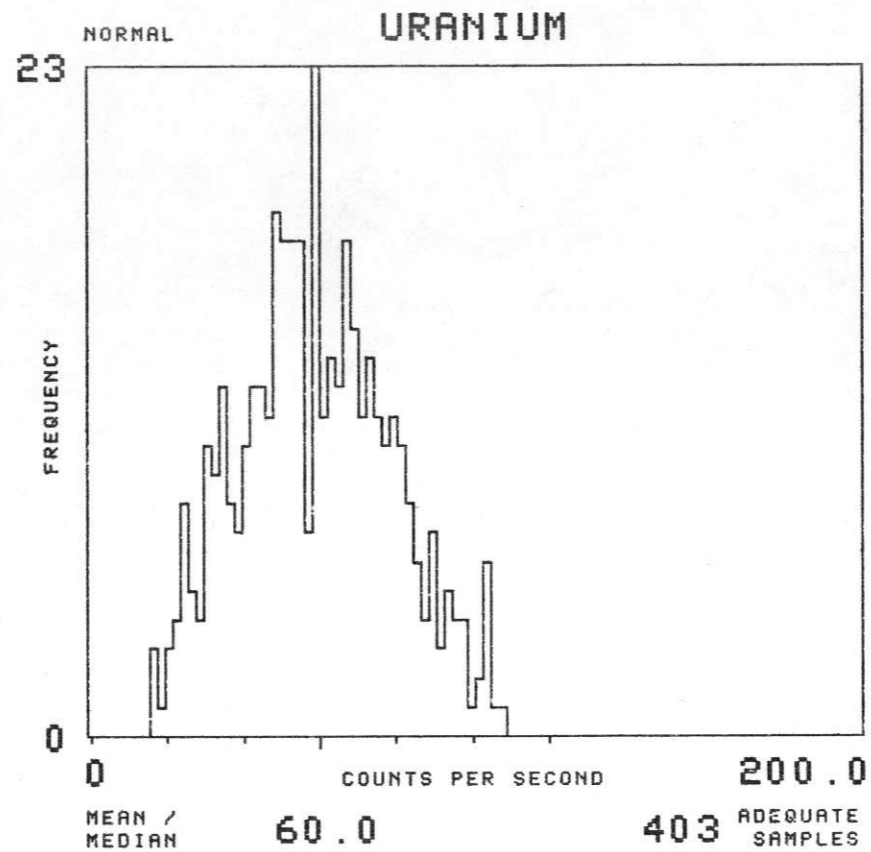
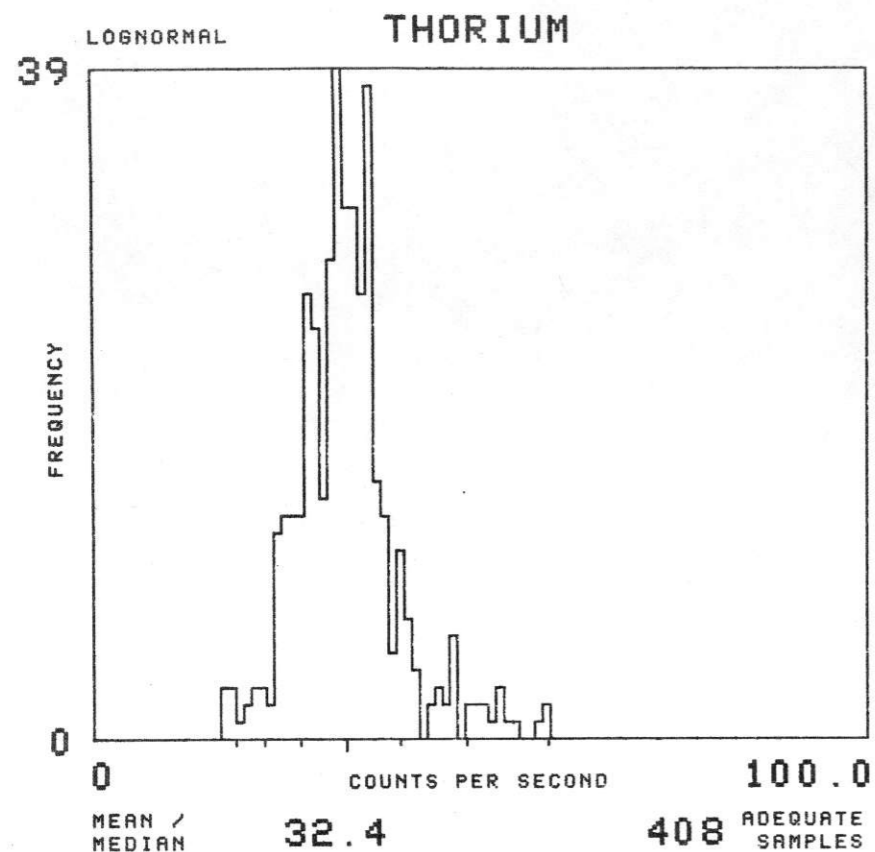
1977



NTMS NK 14-9 FREMONT

SOIL GROUP : WO TOTAL NUMBER OF SAMPLES 408

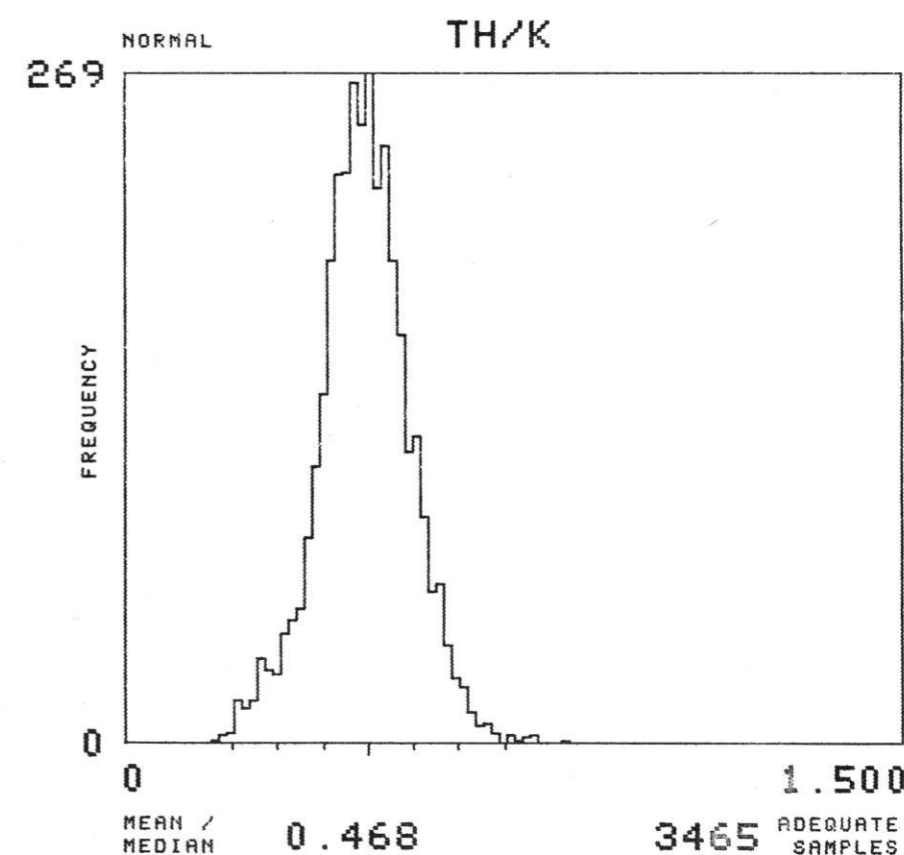
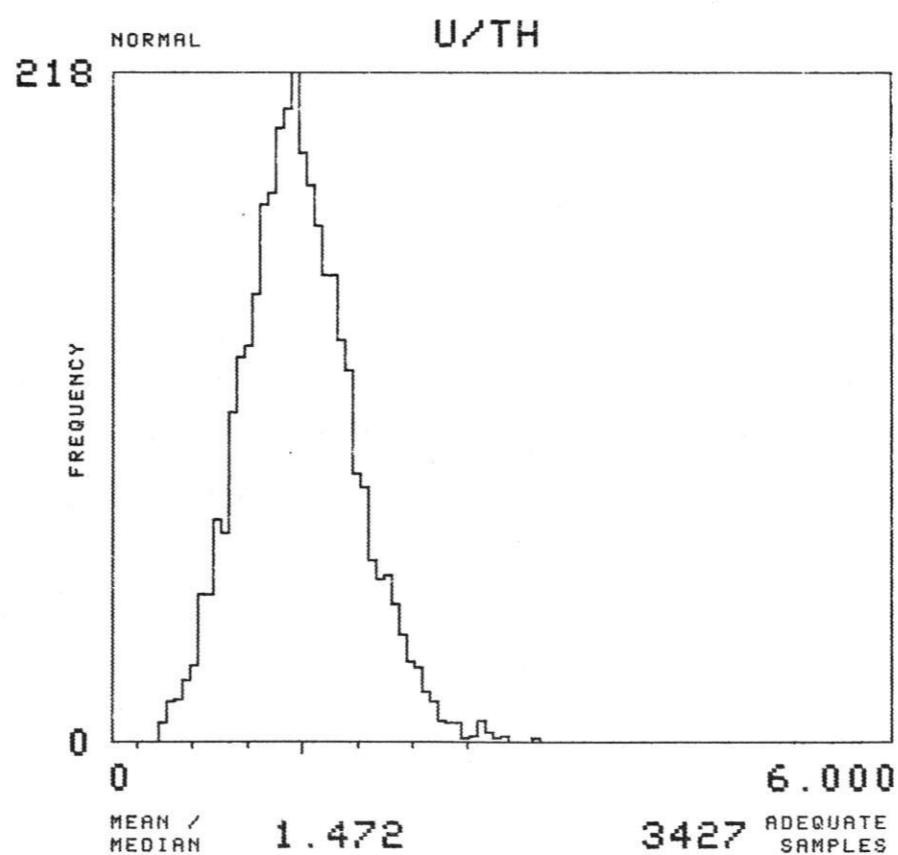
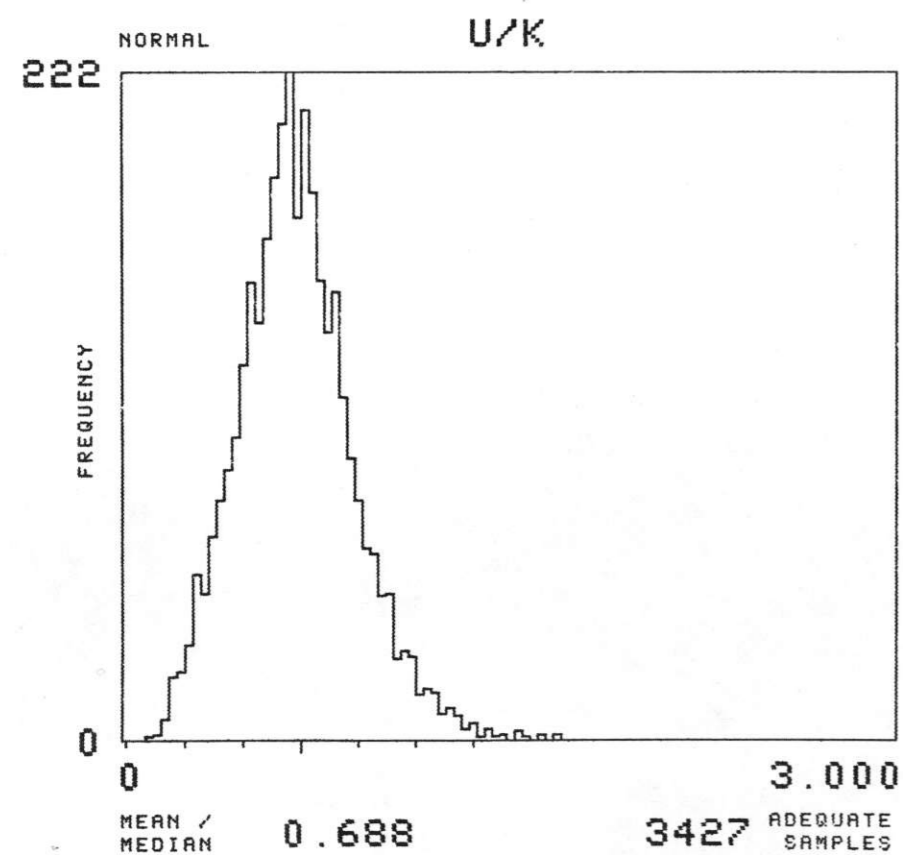
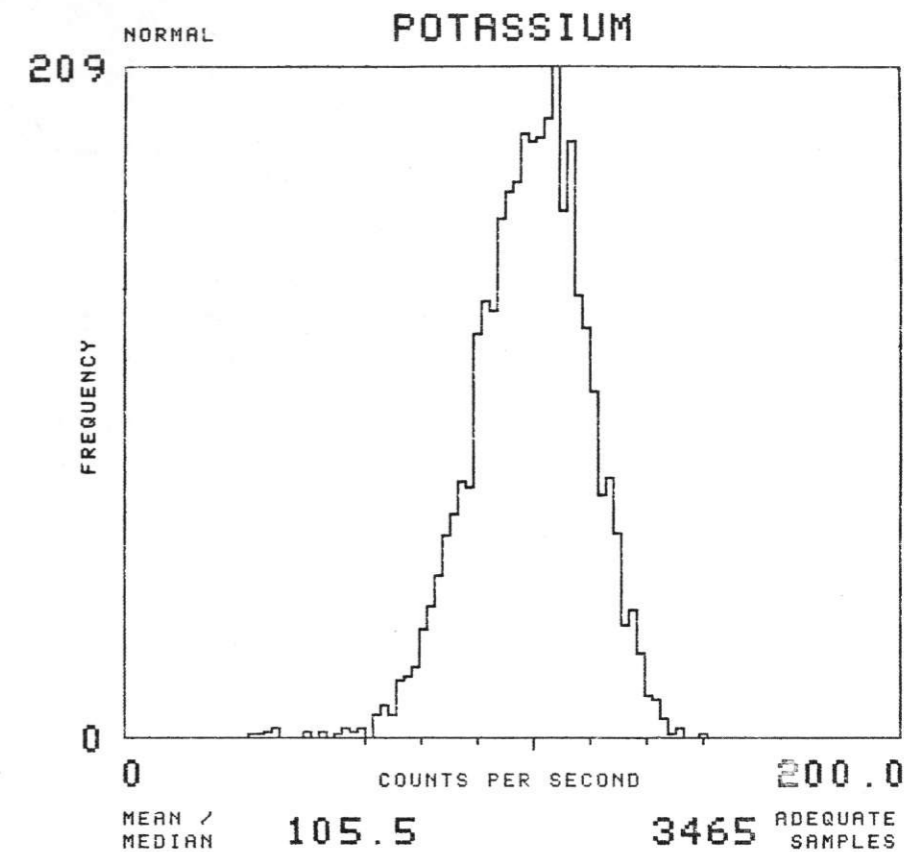
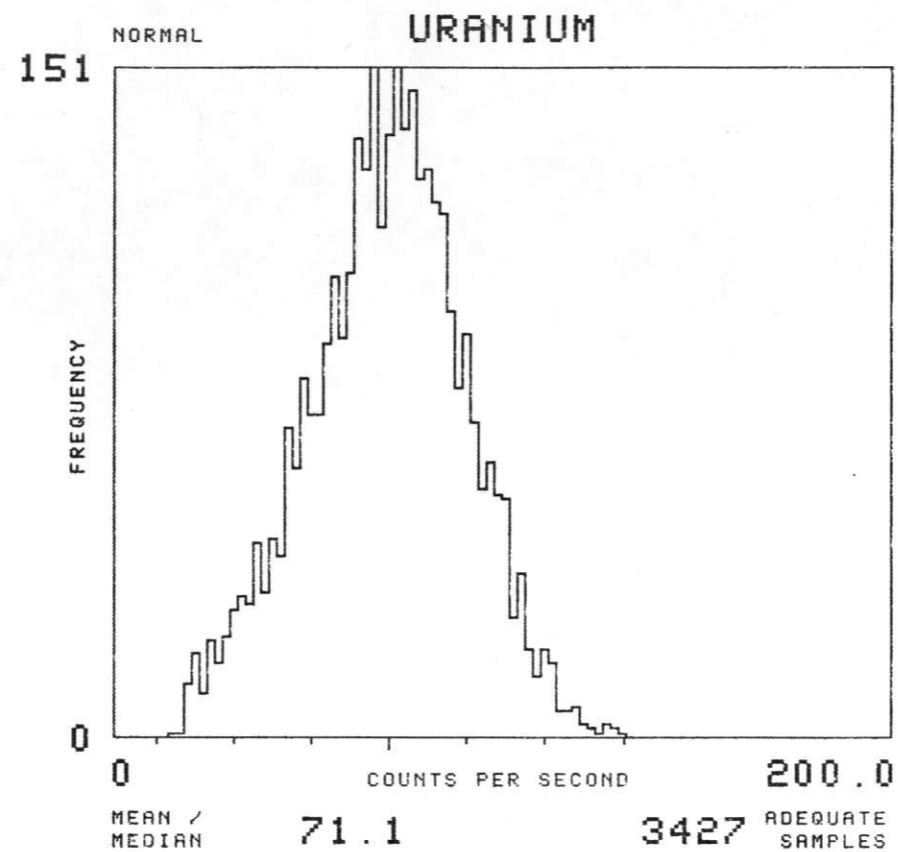
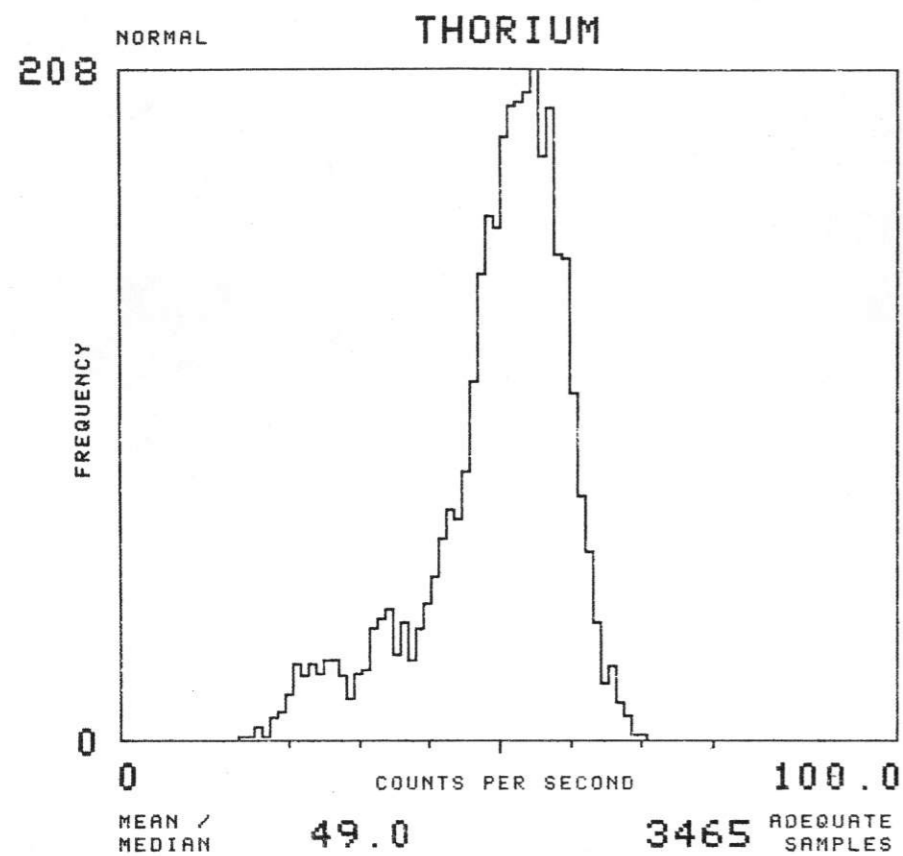
EAST SALINA BASIN - GEOMETRICS 1977



NTMS NK 14-9 FREMONT

SOIL GROUP : WOHL TOTAL NUMBER OF SAMPLES 3465

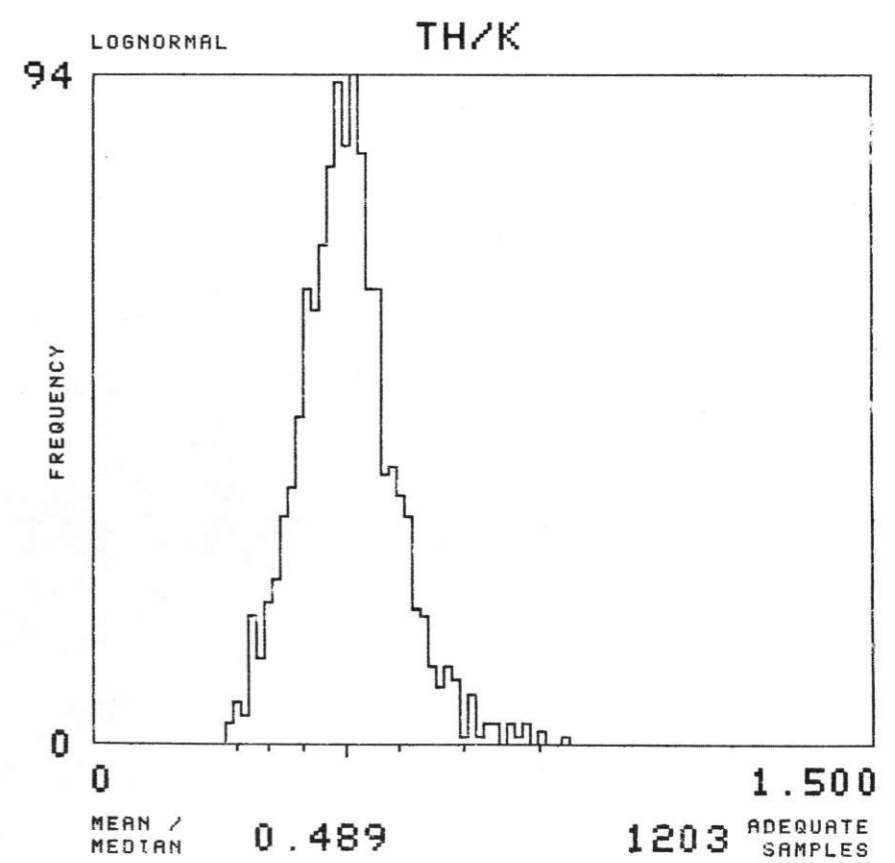
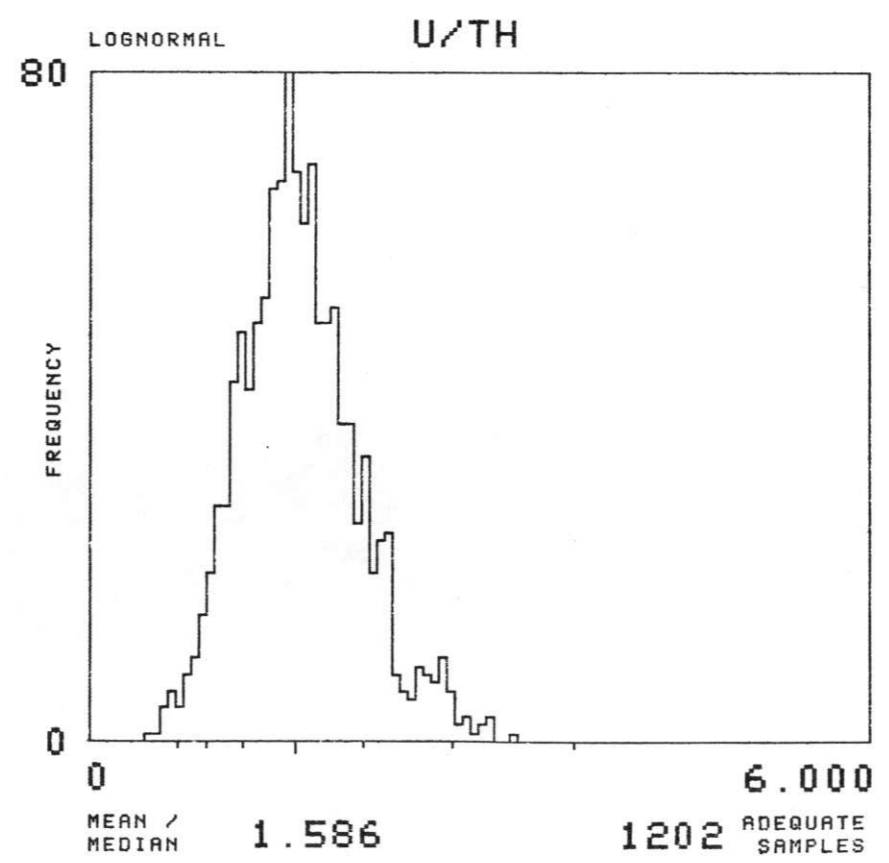
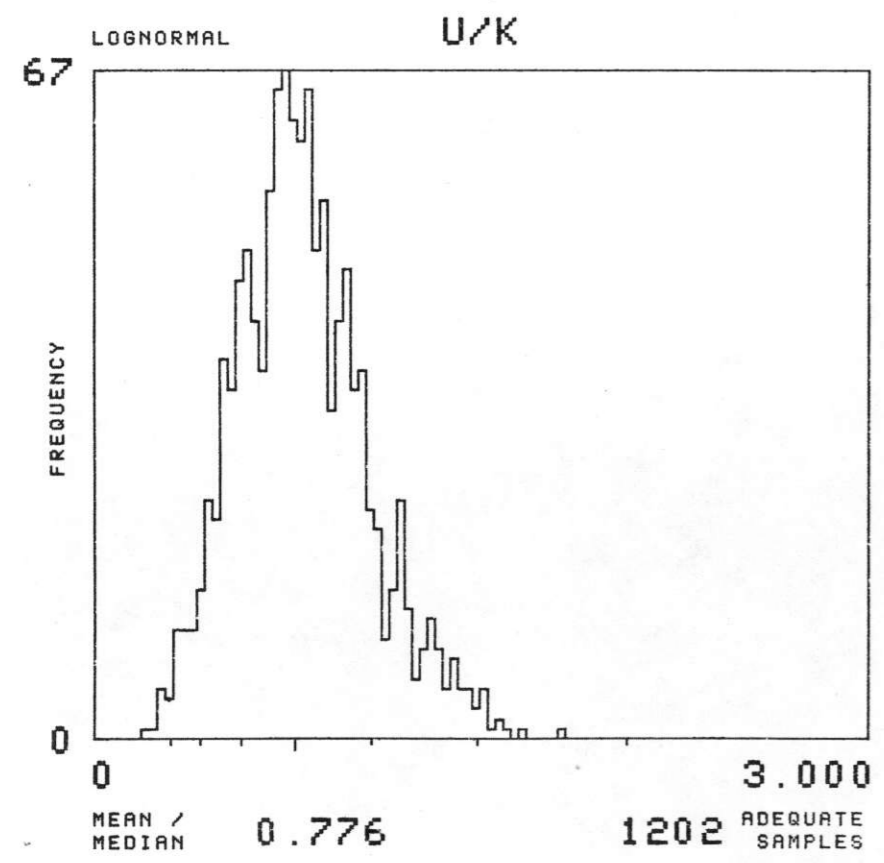
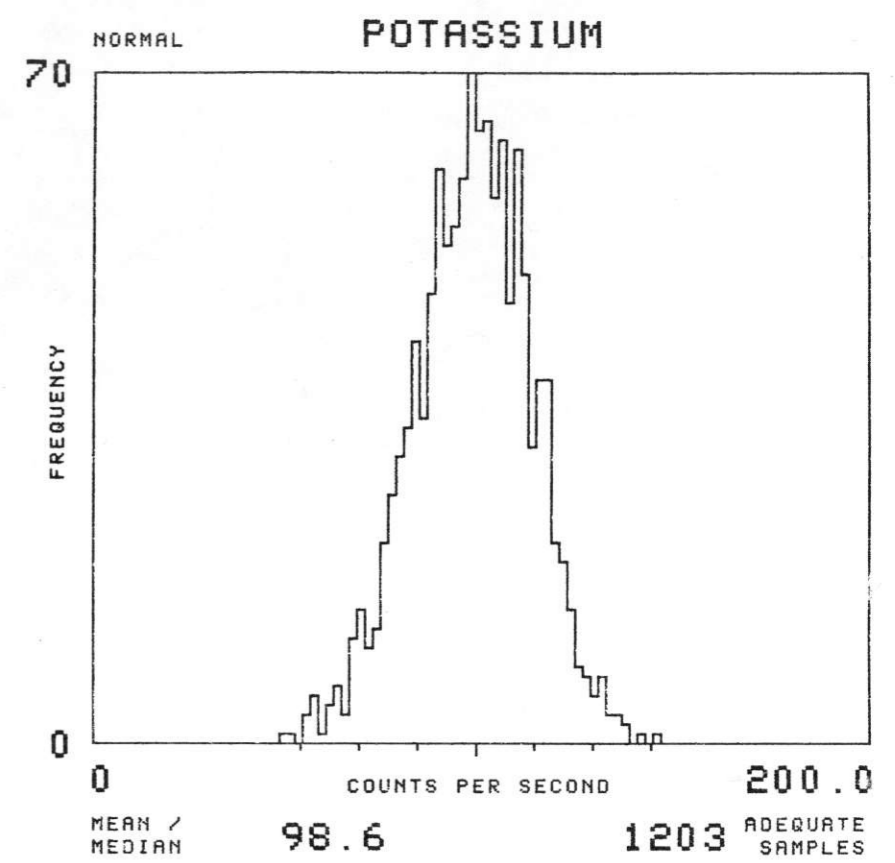
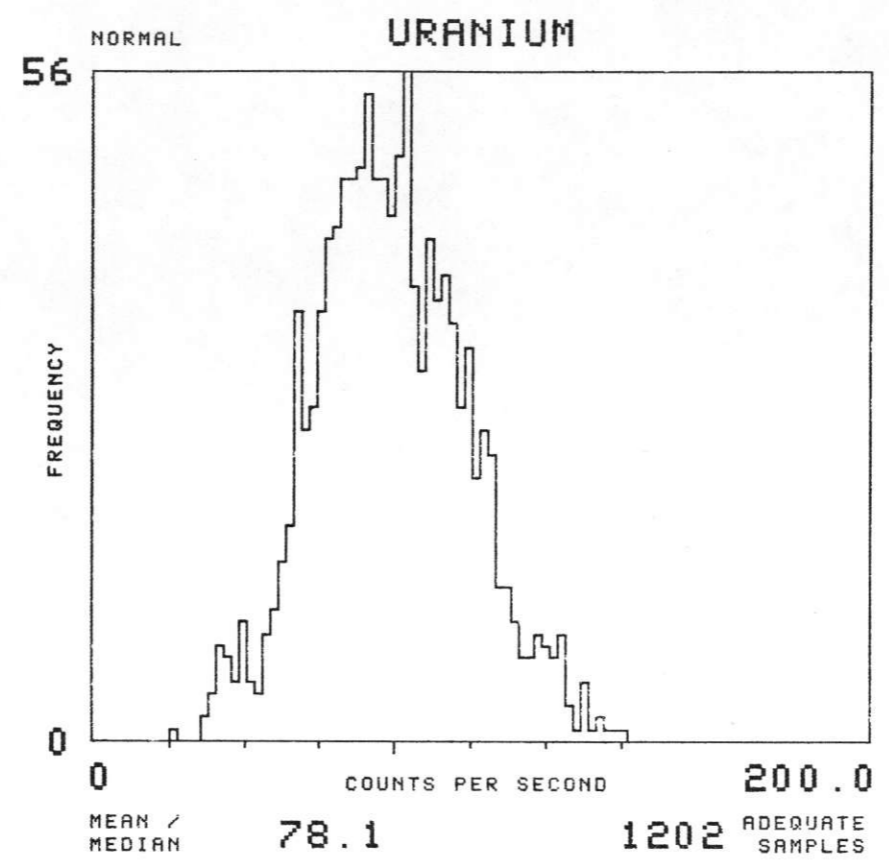
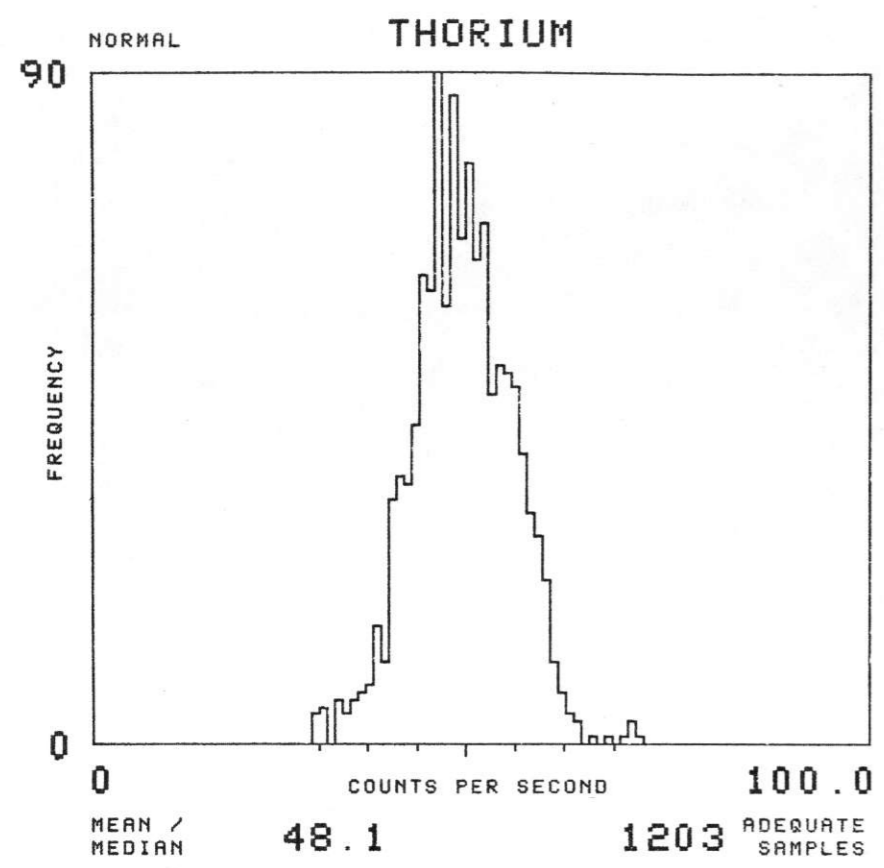
EAST SALINA BASIN - GEOMETRICS 1977

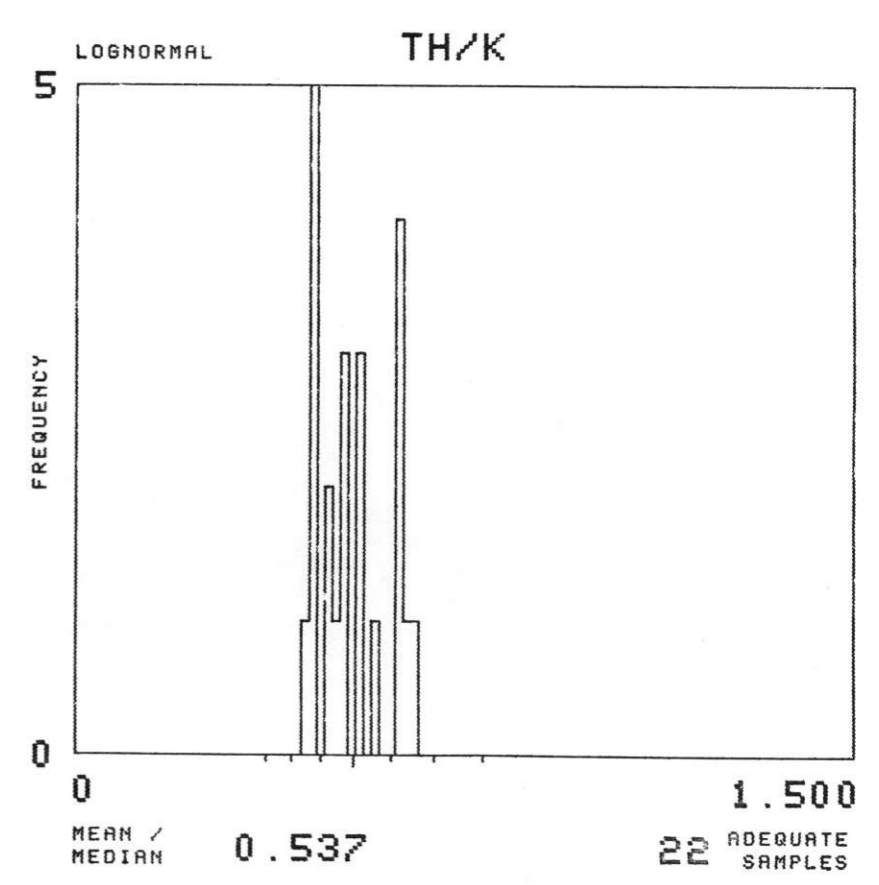
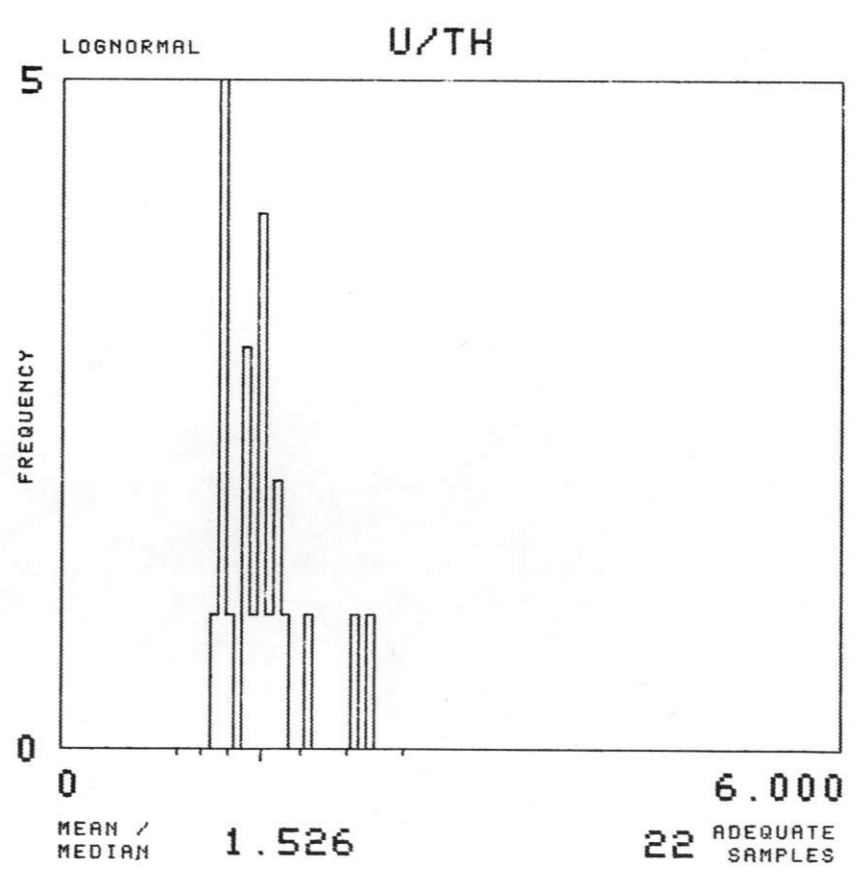
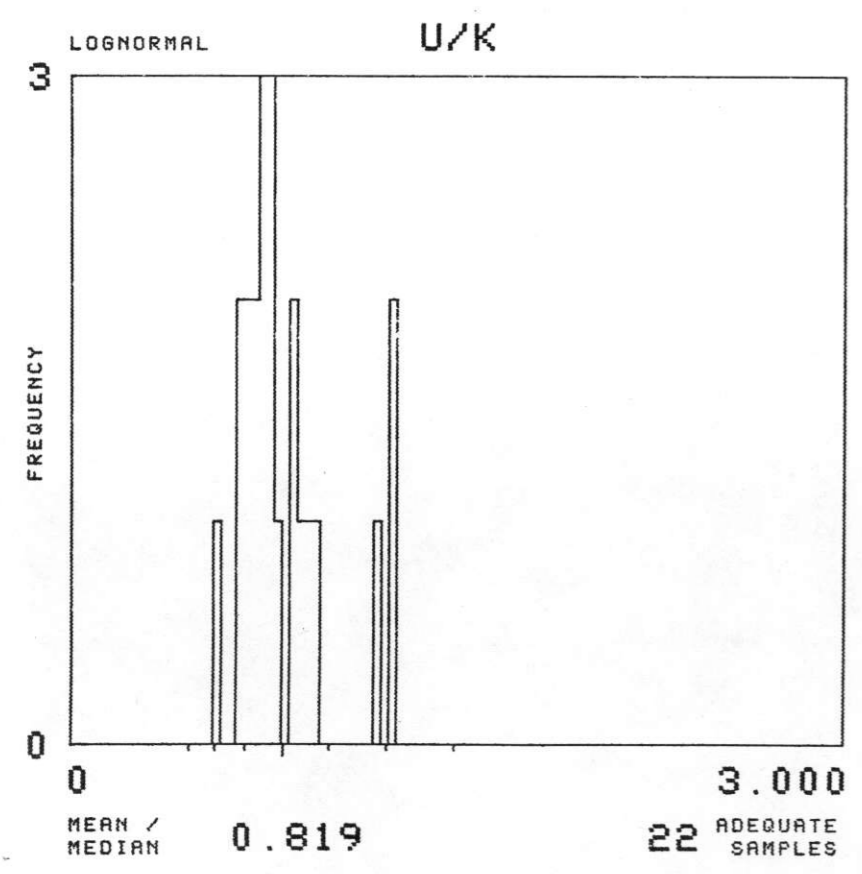
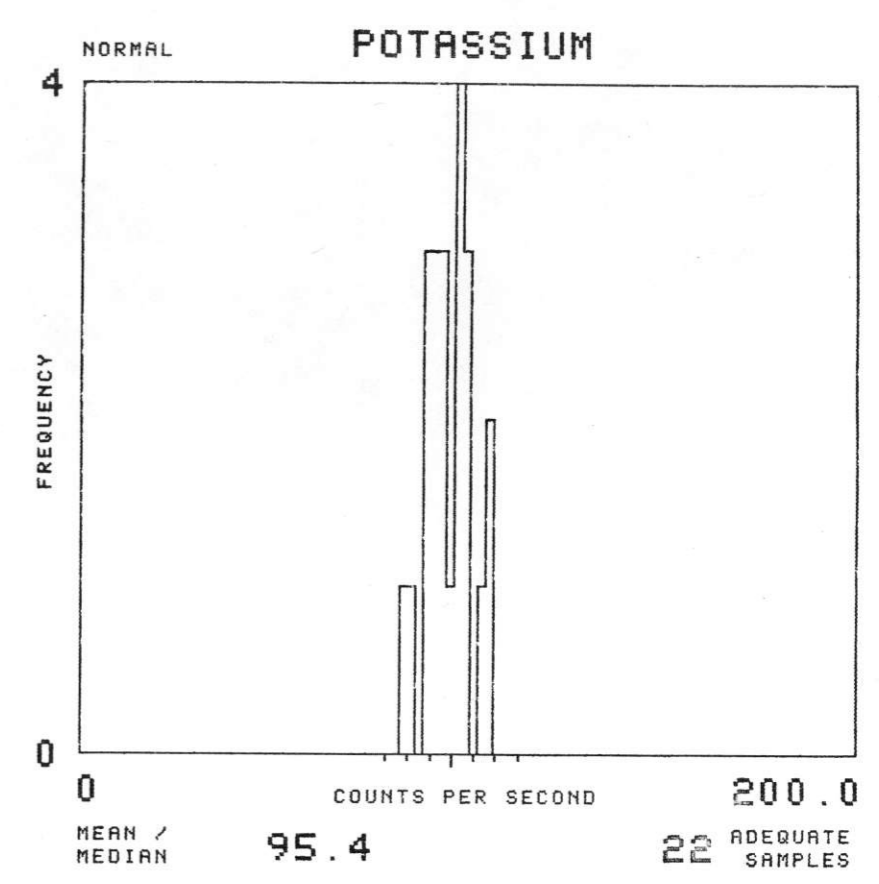
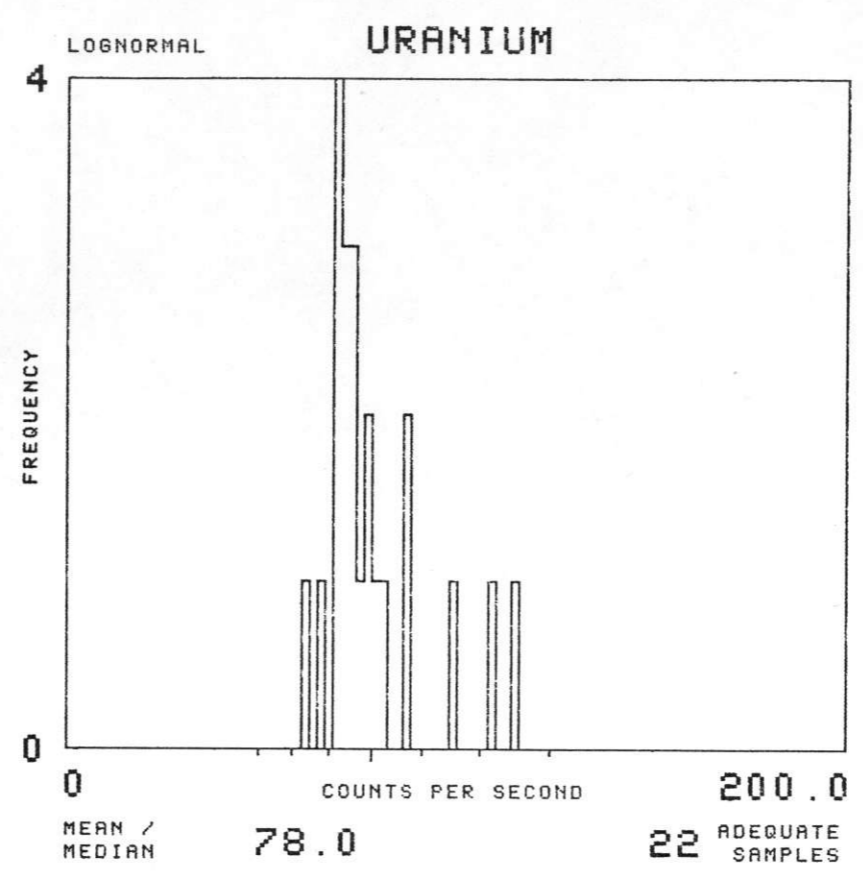
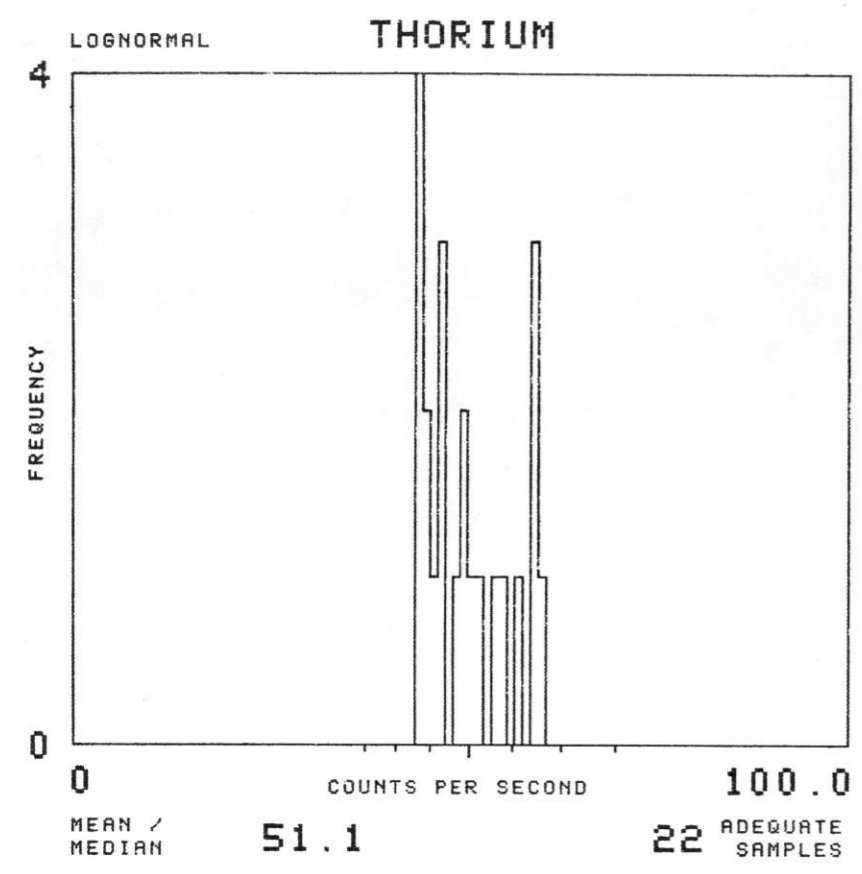


NTMS NK 14-9 FREMONT

SOIL GROUP : WDJ TOTAL NUMBER OF SAMPLES 1203

EAST SALINA BASIN - GEOMETRICS 1977







NTMS NK 14-9 FREMONT

SOIL GROUP : ZLSWN

TOTAL NUMBER OF SAMPLES 796

EAST SALINA BASIN - GEOMETRICS 1977

