

Geology
GJBX-(78)-91

GJBX 91-(78)

NURE AERIAL GAMMA-RAY AND MAGNETIC
RECONNAISSANCE SURVEY

EASTERN ALASKA AREA
TANACROSS - NABESNA - McCARTHY
QUADRANGLES

VOLUME II

LKB RESOURCES, INC.
55 BUCK ROAD
HUNTINGDON VALLEY, PENNSYLVANIA 19006

MAY 1978

WORK PERFORMED UNDER
BENDIX FIELD ENGINEERING CORPORATION GRAND JUNCTION OPERATIONS
SUBCONTRACT NO. 76-015-S AND BENDIX CONTRACT E(05-1)-1664

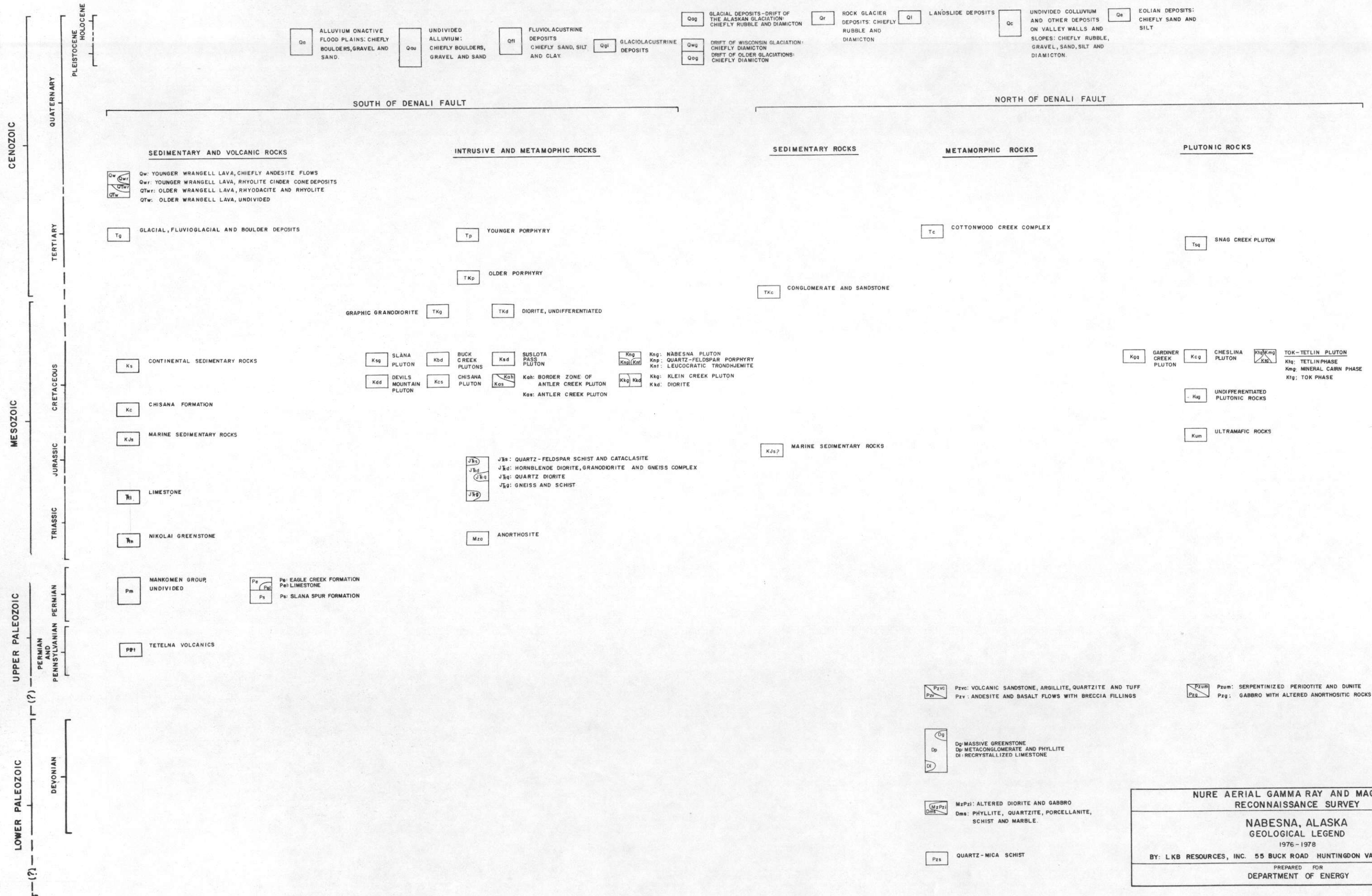
PREPARED FOR THE
DEPARTMENT OF ENERGY
GRAND JUNCTION OFFICE
GRAND JUNCTION, COLORADO 81501

GEOLOGY

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SURFICIAL DEPOSITS



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

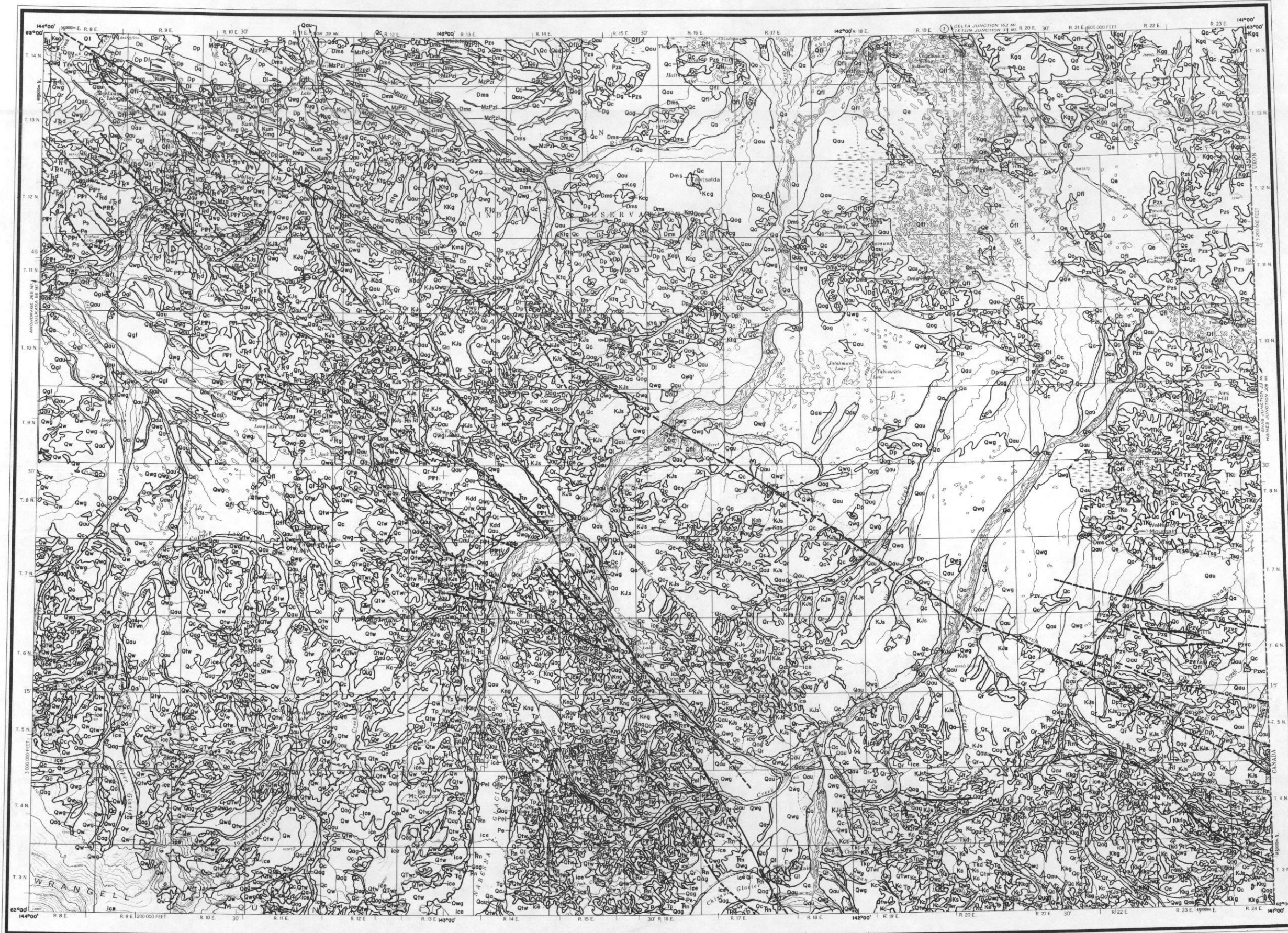
NABESNA, ALASKA GEOLOGICAL LEGEND

1976 - 1978

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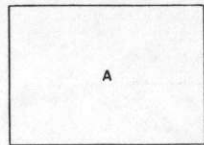
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NABESNA



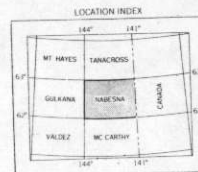
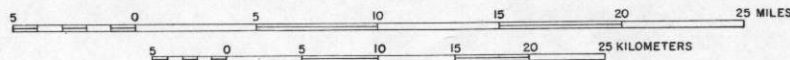
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USGS PUB. [A (MF-655A)] 1:250,000

SCALE 1:500,000



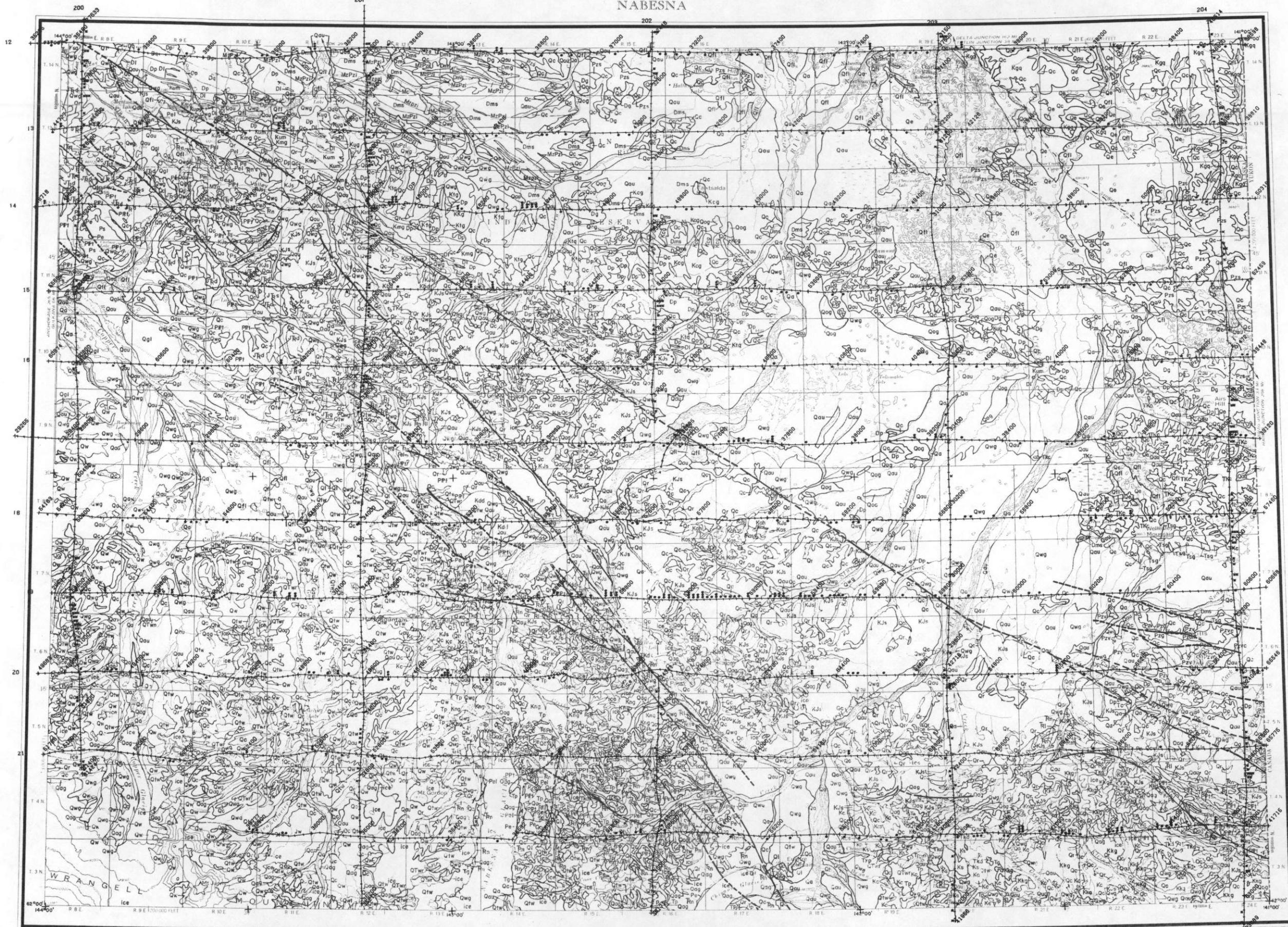
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

NABESNA, ALASKA
GEOLOGIC BASE MAP
1976-1978

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NABESNA

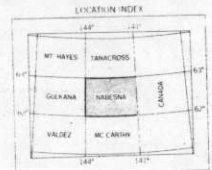
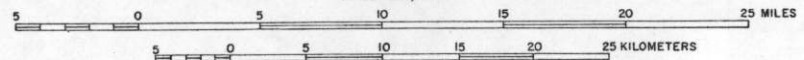


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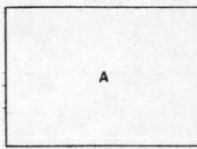


EXPLANATION

INDIVIDUAL SAMPLES ARE PLOTTED AT 20 SAMPLE INTERVALS AND IDENTIFIED BY RECORD NUMBER AT INTERVALS OF 500 SAMPLES.

AVERAGED SAMPLES ARE ANNOTATED IF THE DEVIATION OF THE AVERAGED SAMPLE, FROM THE MEAN OF ITS CORRESPONDING ROCK UNIT, IS GREATER THAN ± 1 STANDARD DEVIATION. THE DEVIATION INTERVALS ANNOTATED ARE 1 TO 2, 2 TO 3, AND 3 OR GREATER.

TRAVERSE LINE DEVIATIONS ARE INDICATED BY SOLID CIRCLES AND TIE LINES BY SQUARES. NORTH OR EAST ARE POSITIVE AND SOUTH OR WEST ARE NEGATIVE.



USGS PUB. (A.MF-655A) 1:250,000

NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

NABESNA, ALASKA

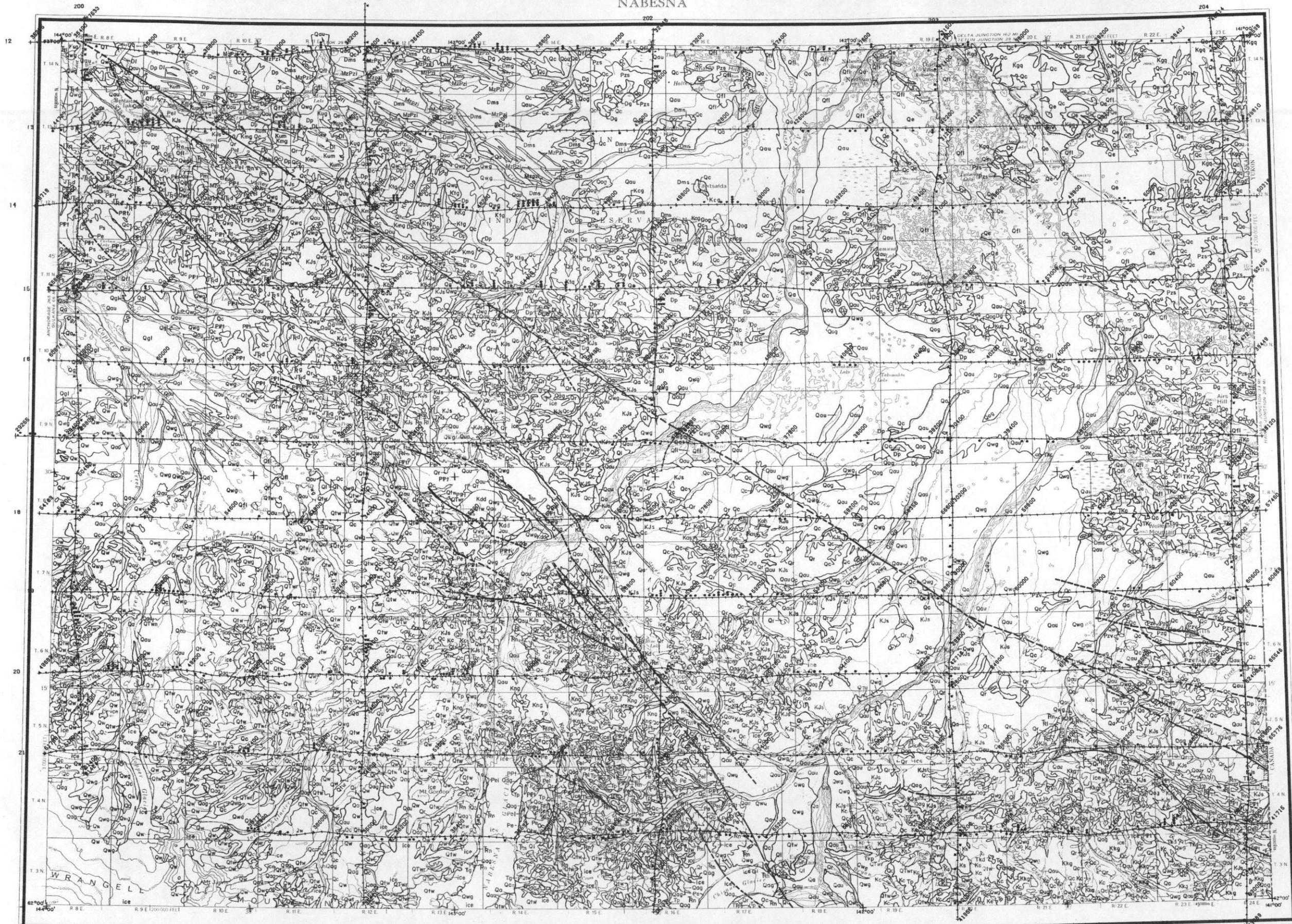
ANOMALY MAP - URANIUM

1976-1978

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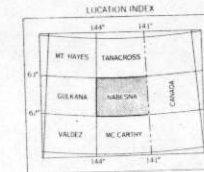
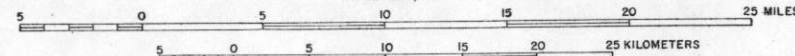
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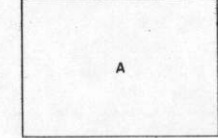
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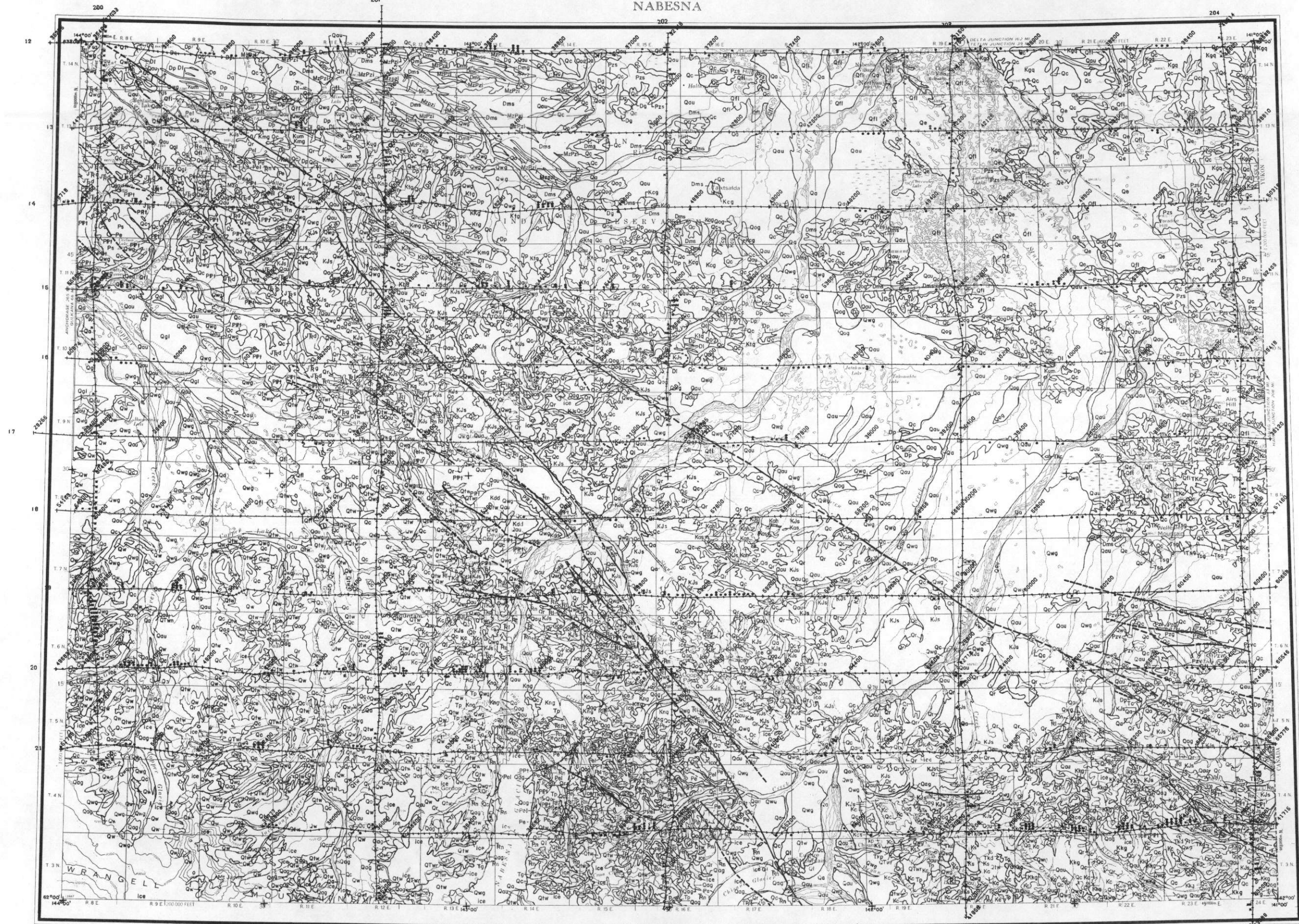
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

**NABESNA, ALASKA
ANOMALY MAP - THORIUM
1976-1978**

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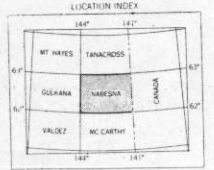
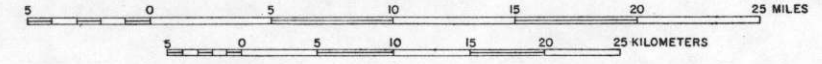
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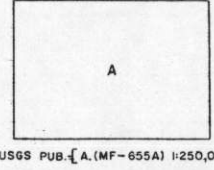
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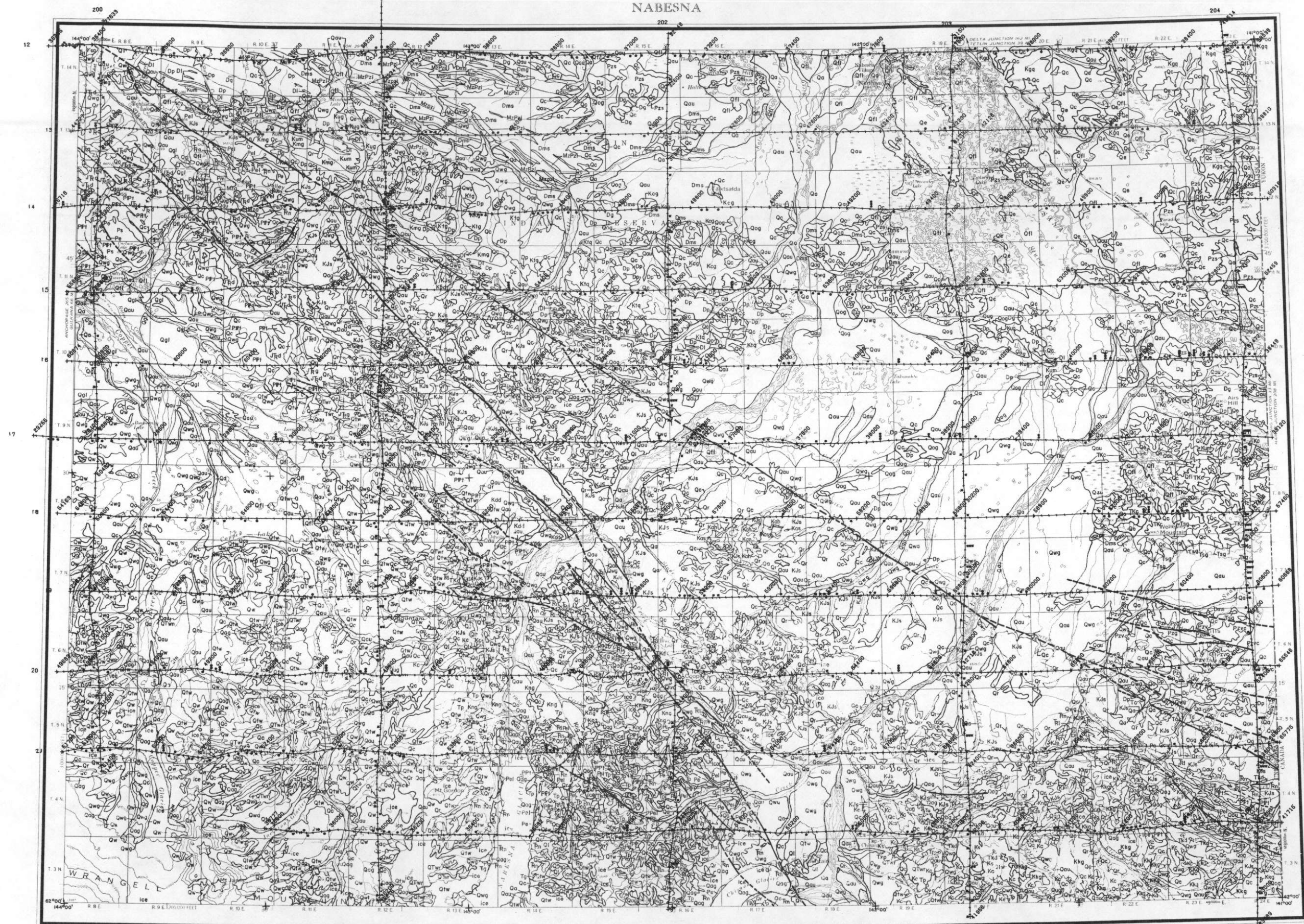
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

NABESNA, ALASKA
ANOMALY MAP - POTASSIUM
1976 - 1978

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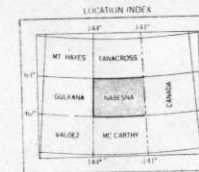
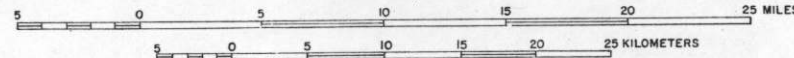
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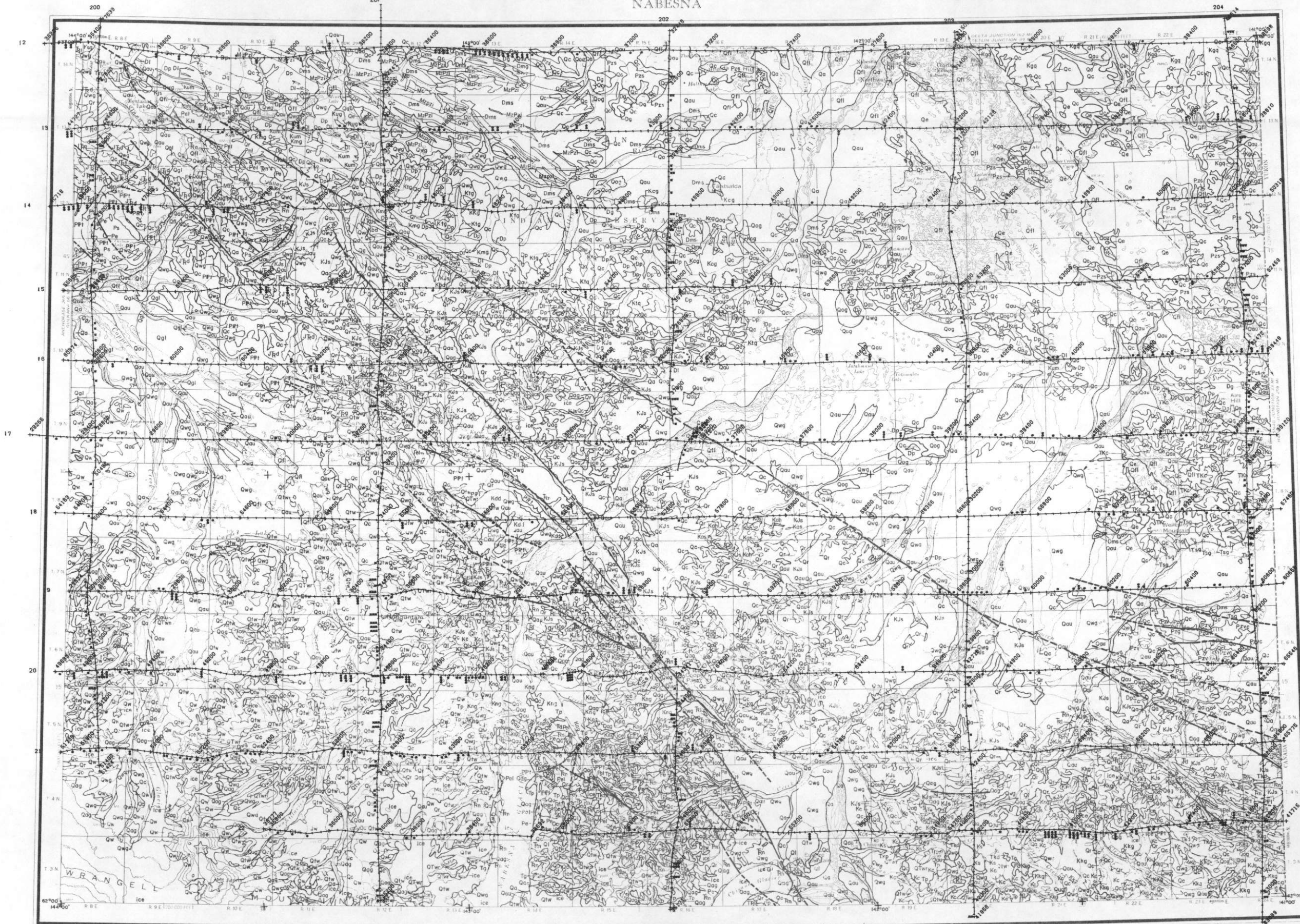


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NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
NABESNA, ALASKA
ANOMALY MAP-URANIUM/THORIUM
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 17006
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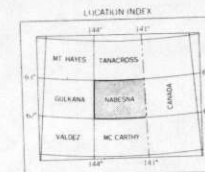
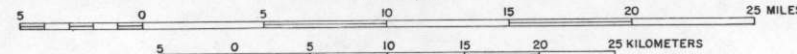
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NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

NABESNA, ALASKA
ANOMALY MAP - URANIUM/POTASSIUM
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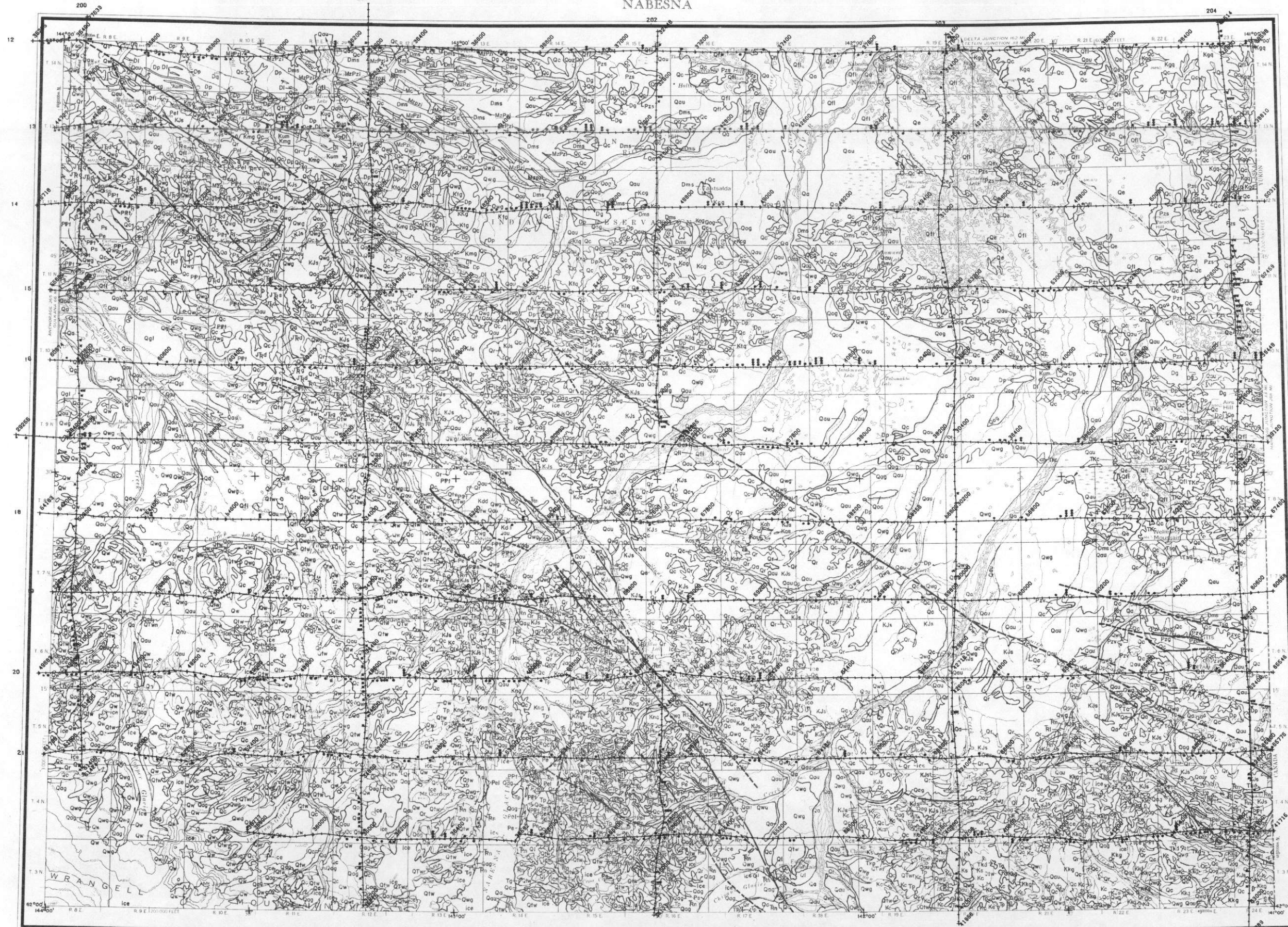
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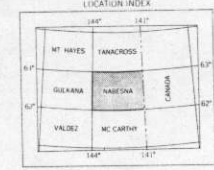
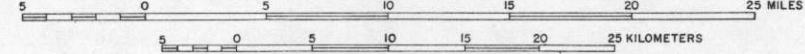
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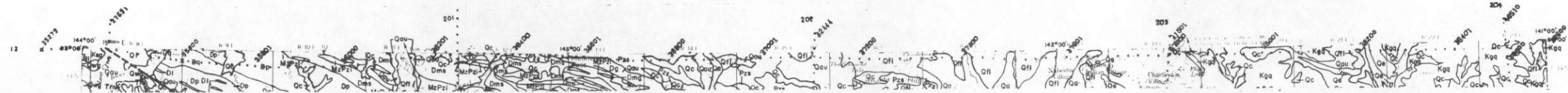
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NABESNA, ALASKA
ANOMALY MAP - THORIUM/POTASSIUM
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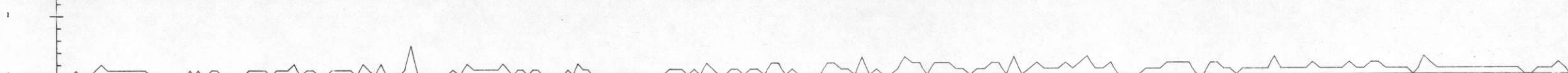
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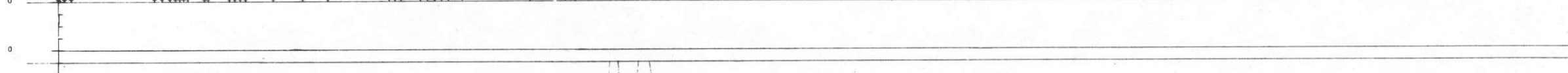
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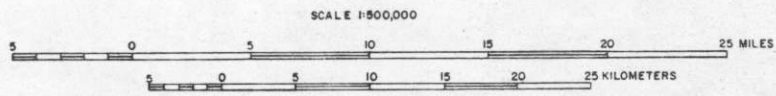


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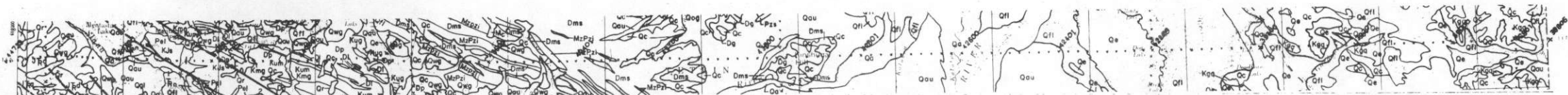


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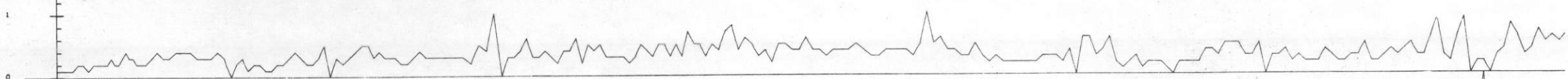
↑ FLAGGED SAMPLE VALUES OF K,U,T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



<p>NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY</p> <p>NABESNA, ALASKA</p> <p>RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES</p> <p>1976-1978</p> <p>BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006</p> <p>PREPARED FOR DEPARTMENT OF ENERGY</p>



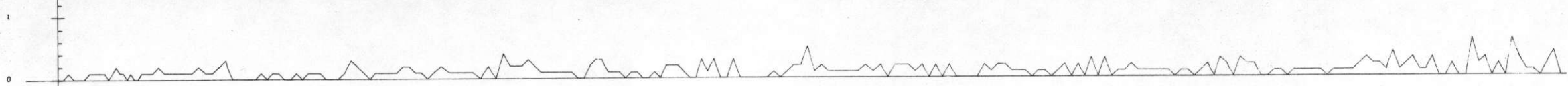
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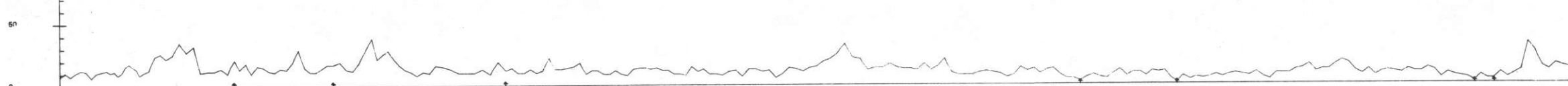
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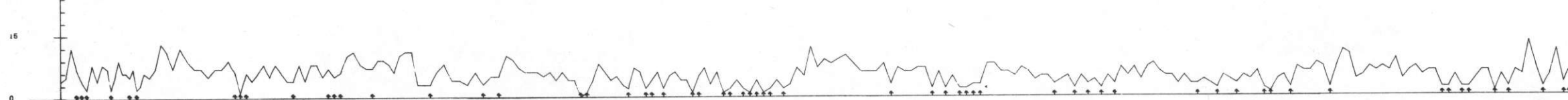
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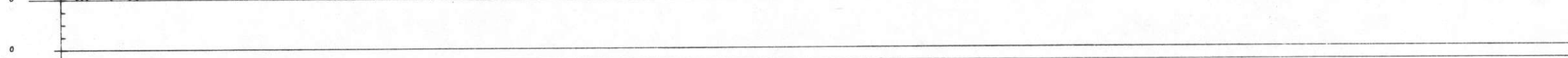
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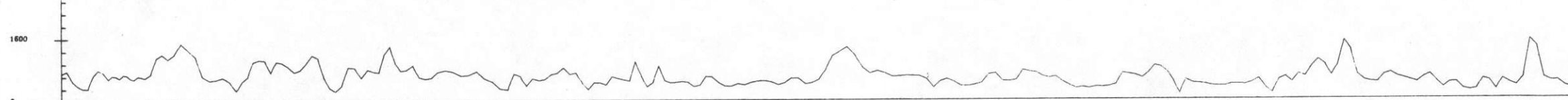
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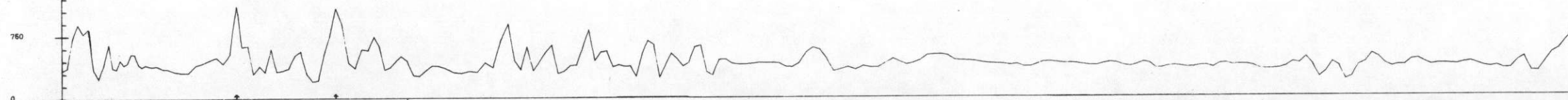
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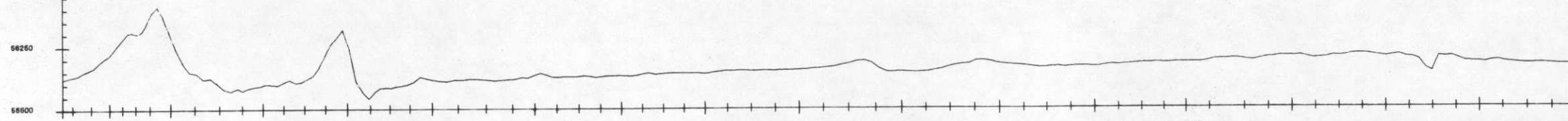
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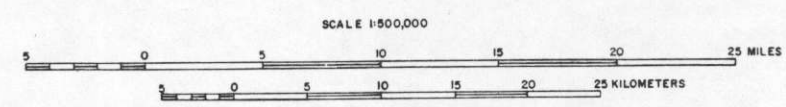
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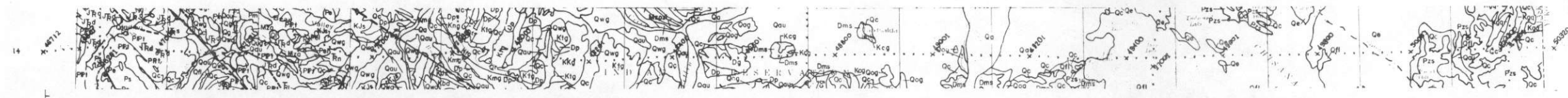
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↑ FLAGGED SAMPLE VALUES OF K, U, T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



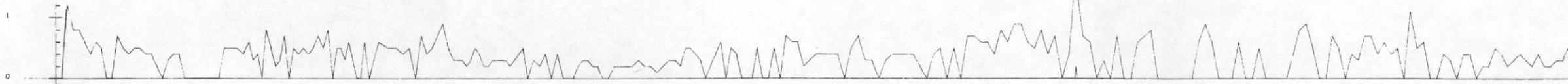
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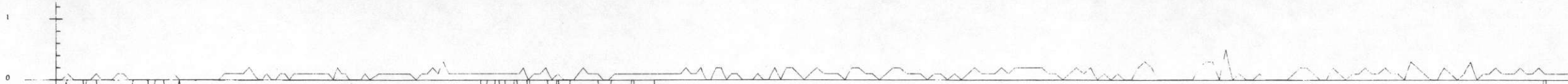
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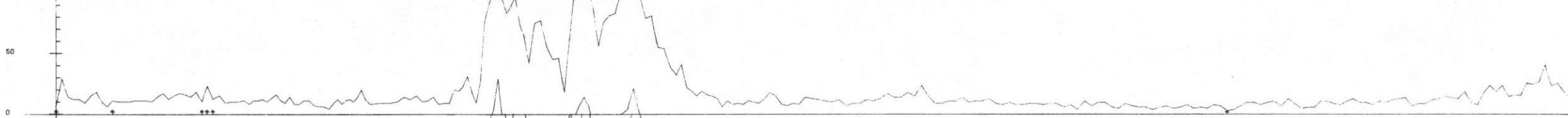
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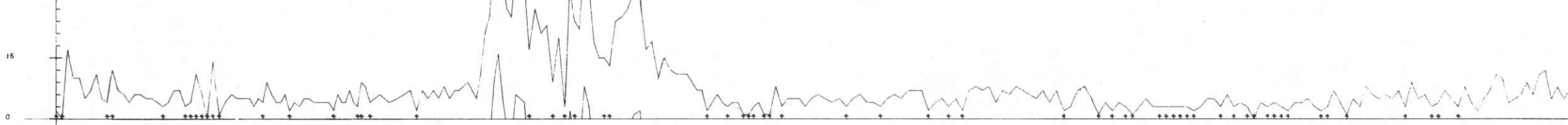
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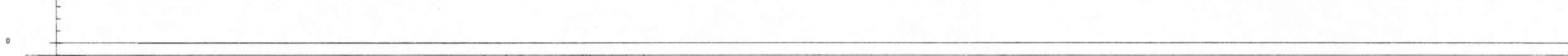
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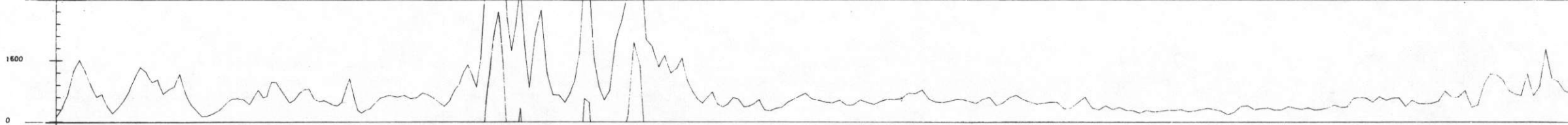
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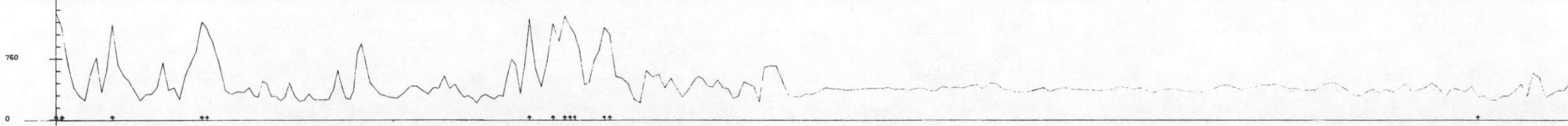
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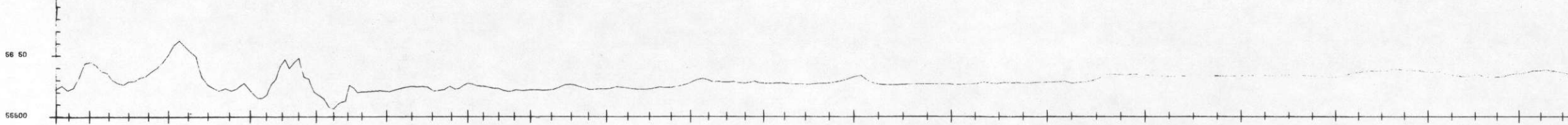
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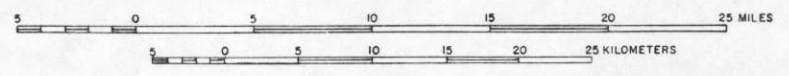
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150 GAUSS/DIV



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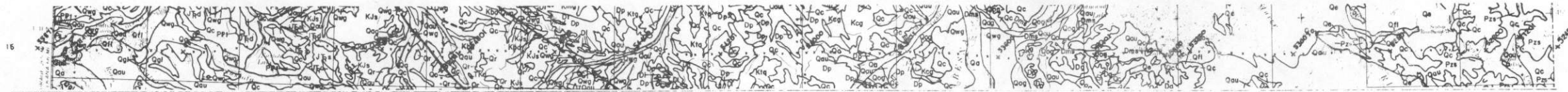
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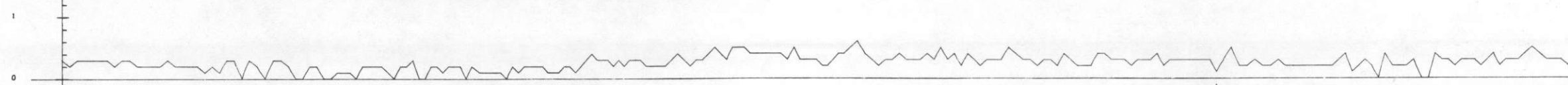


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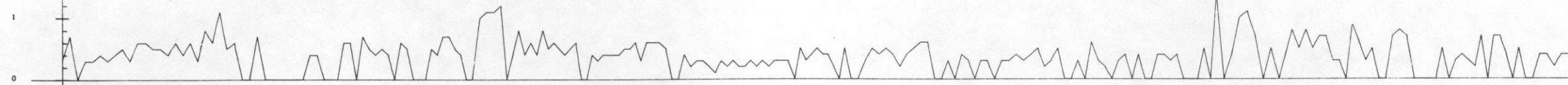
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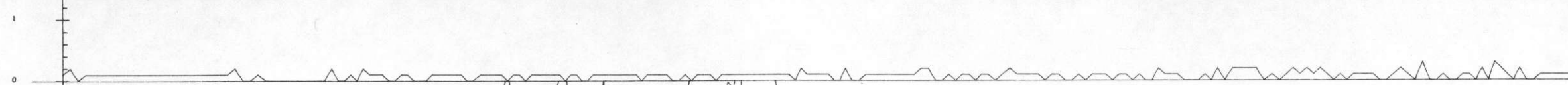
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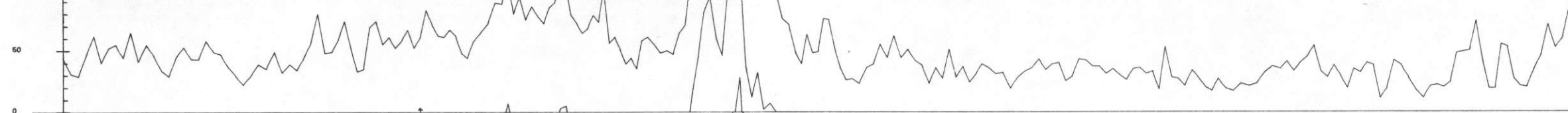
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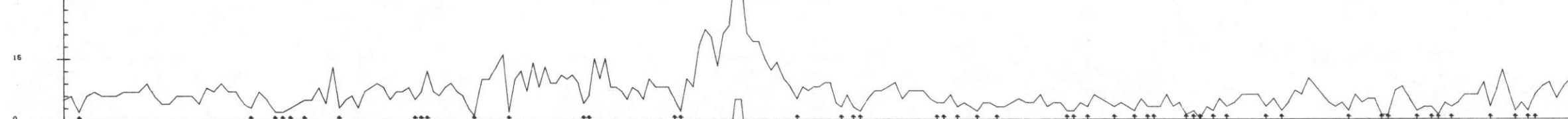
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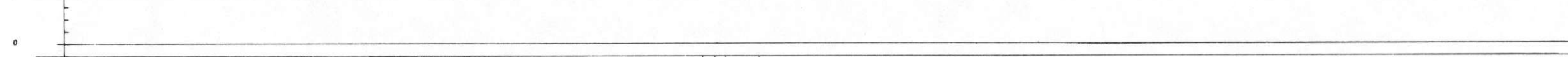
TL
10 C/B/DIV



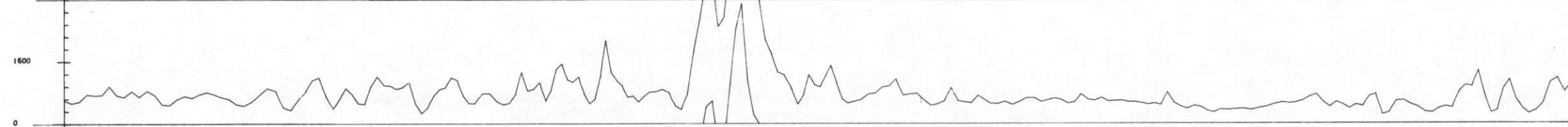
BI
3 C/B/DIV



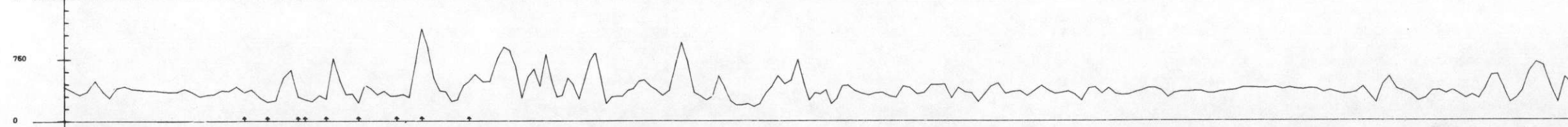
BI COR
1.00/DIV



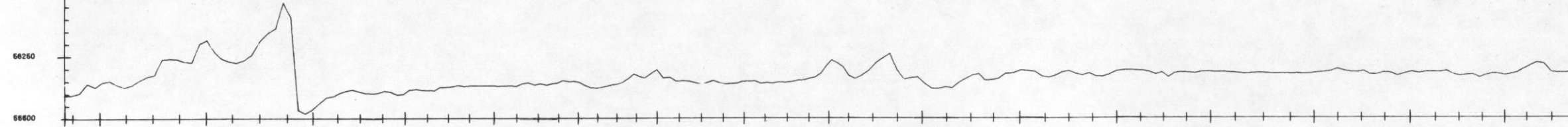
TC
300 C/B/DIV



ALT
150 FT/DIV



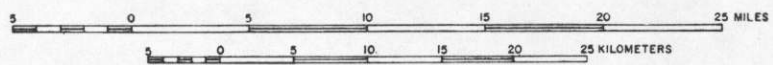
MAG
150 GAUSS/DIV



5685 5640 5620 5600 5480 5460 5440 5420 5400 5380 5360 5340 5320 5300 5280 5260 5245

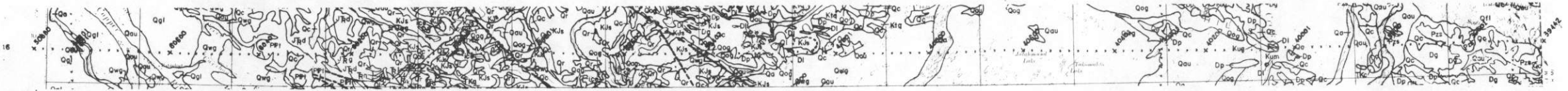
P 15

SCALE 1:500,000

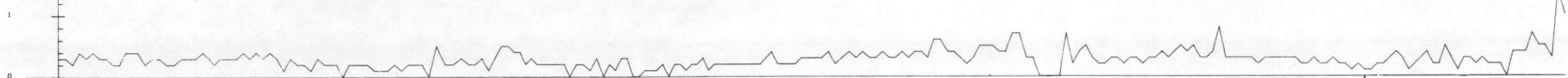


↑ FLAGGED SAMPLE VALUES OF
N, U, T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST

<p>NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY NABESNA, ALASKA RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES 1976-1978 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006 PREPARED FOR DEPARTMENT OF ENERGY</p>
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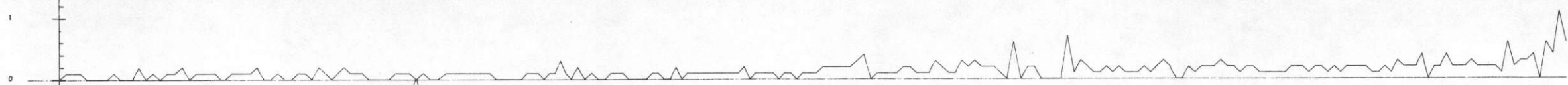
TL/K
0.20/DIV



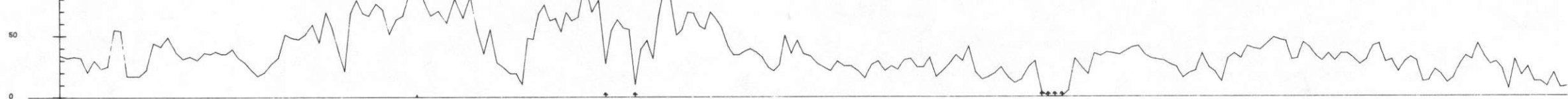
BI/TL
0.20/DIV



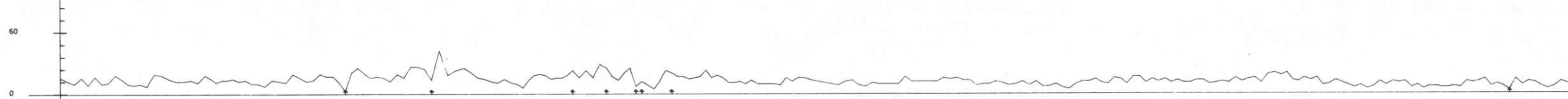
BI/K
0.20/DIV



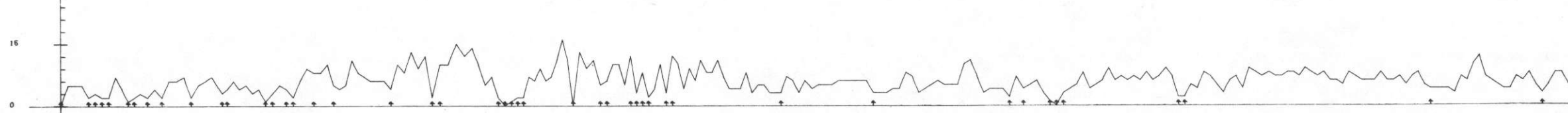
K
10 C/S/DIV



TL
10 C/S/DIV



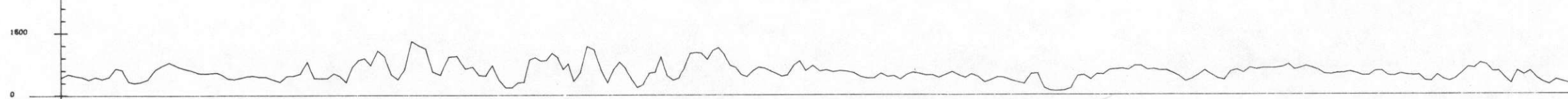
BI
3 C/S/DIV



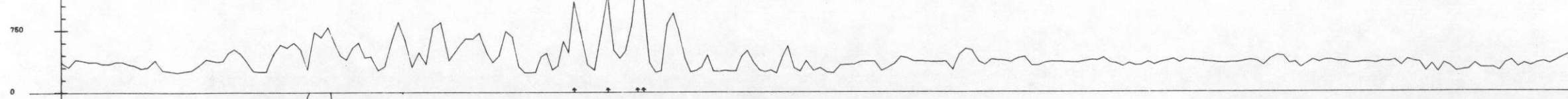
BI COR
1.00/DIV



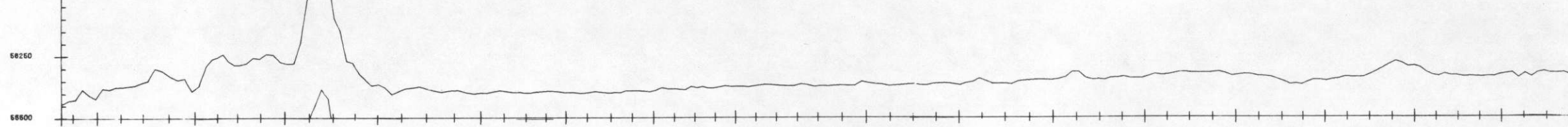
TC
300 C/S/DIV



ALT
150 FT/DIV



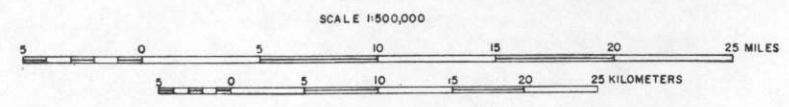
MAG
150 GAMMAS/DIV



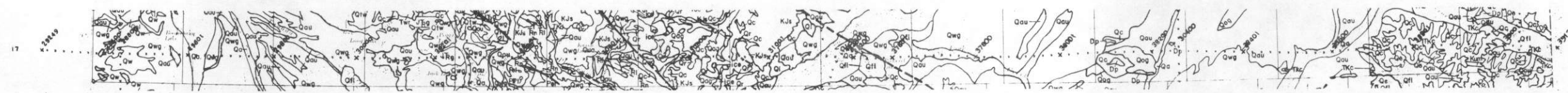
60874 60600 60470 60200 60000 59800 59600 59400 41000 40800 40600 40400 40200 40000 39800 39600 39448

P 16

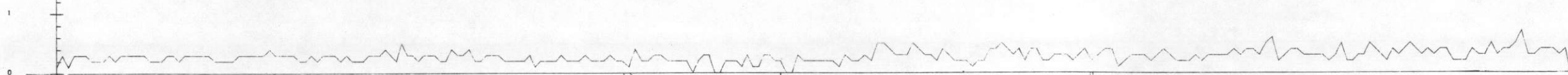
↑ FLAGGED SAMPLE VALUES OF K,UT INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



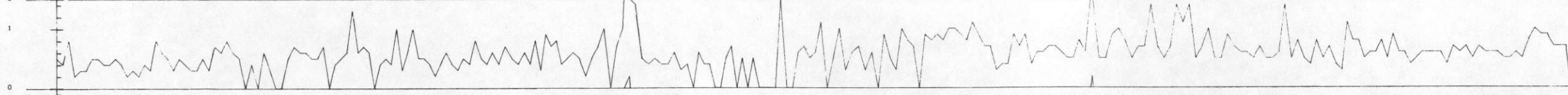
<p>NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY</p> <p>NABESNA, ALASKA</p> <p>RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES 1976-1978</p> <p>BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006</p> <p>PREPARED FOR DEPARTMENT OF ENERGY</p>
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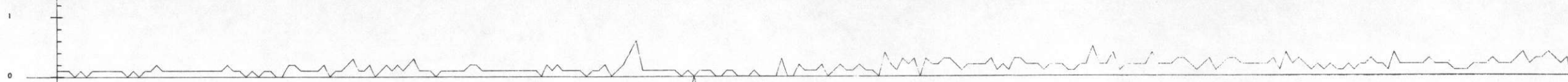
TL/K
0.20/DIV



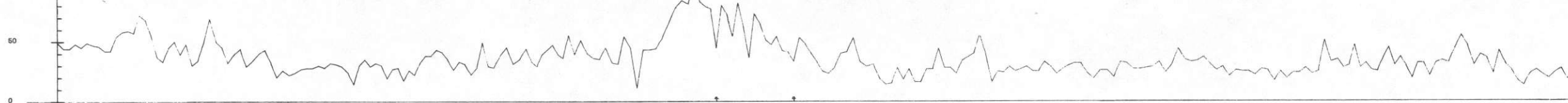
BI/TL
0.20/DIV



BI/K
0.20/DIV



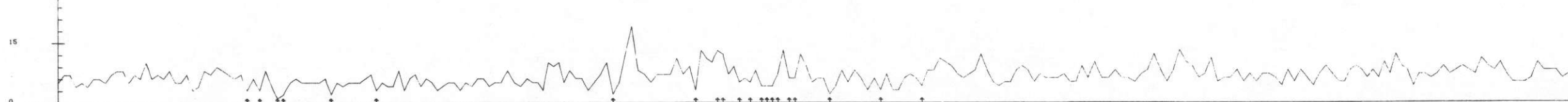
K
10 C/S/DIV



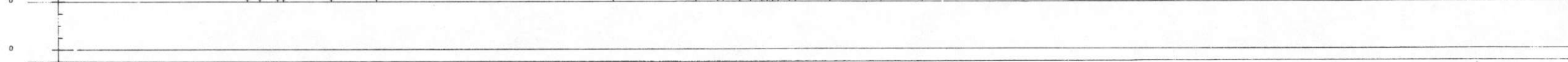
TL
10 C/S/DIV



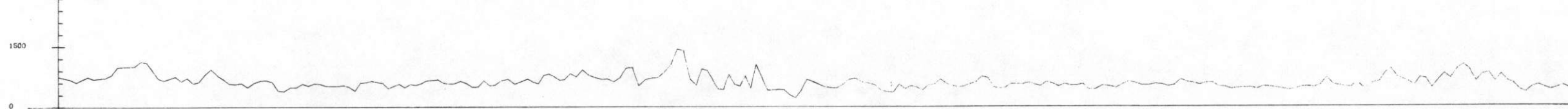
BI
3 C/S/DIV



BI COR
1.00/DIV



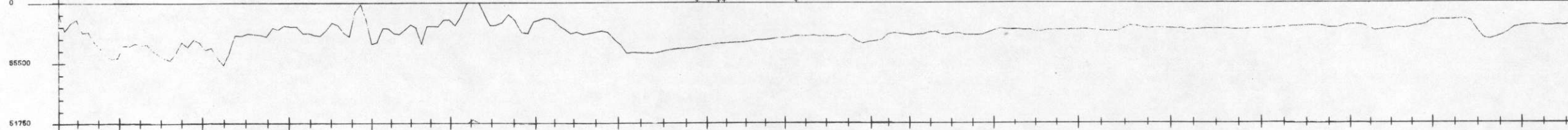
TC
300 C/S/DIV



HLT
150 FT/DIV



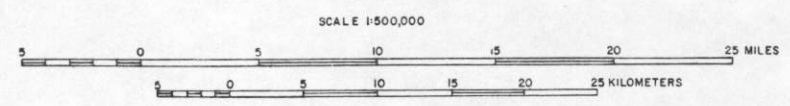
MAG
150 GAMMA/DIV



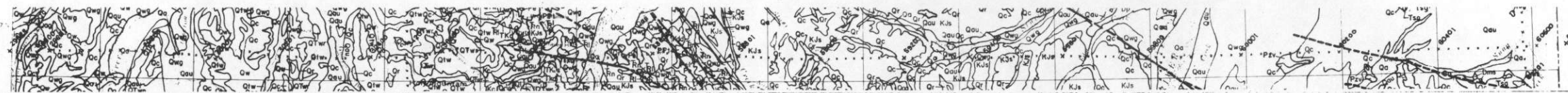
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P 17

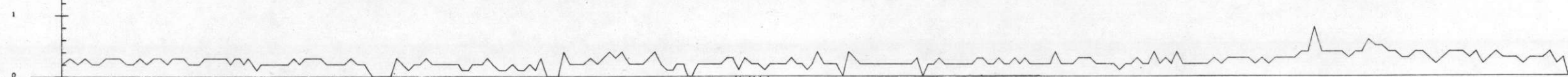
↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



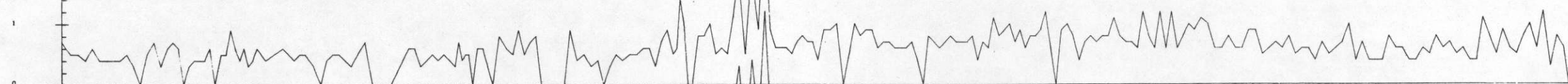
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



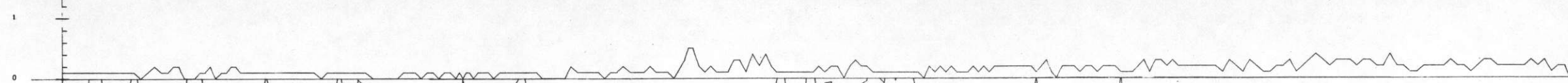
TL/K
0.20/DIV



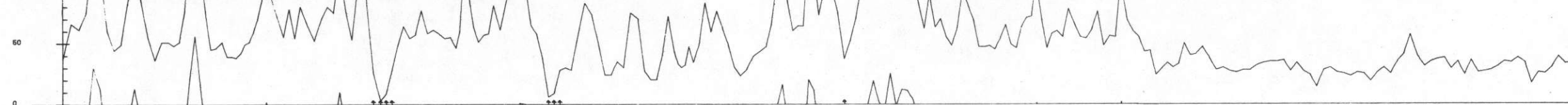
BI/TL
0.20/DIV



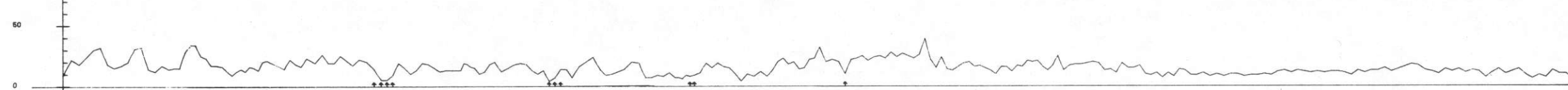
BI/K
0.20/DIV



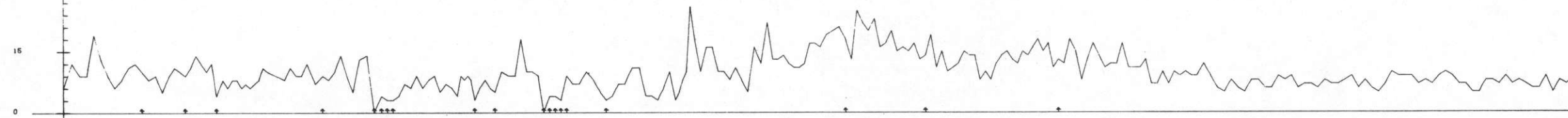
K
10 C/S/DIV



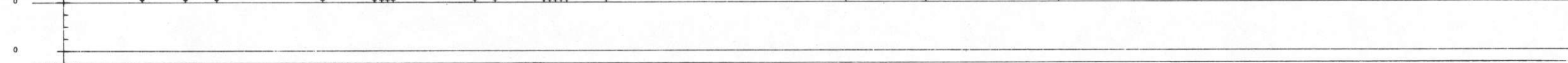
TL
10 C/S/DIV



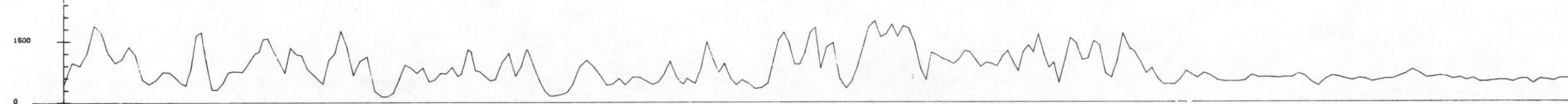
BI
3 C/S/DIV



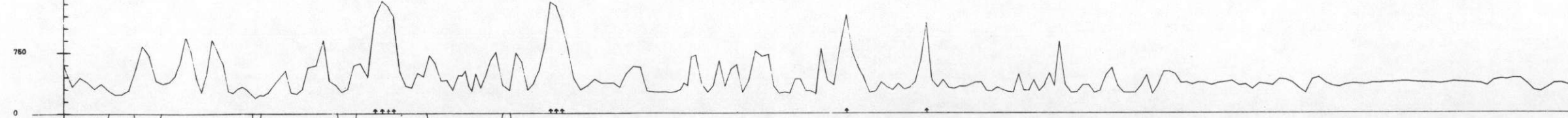
BI COR
1.00/DIV



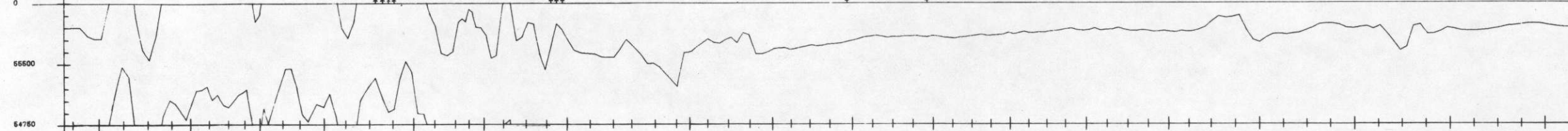
TC
300 C/S/DIV



ALT
150 FT/DIV



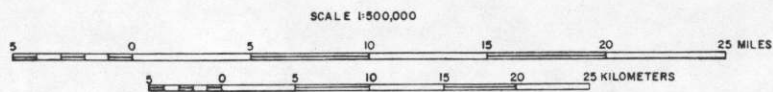
MAG
150 GAUSS/DIV



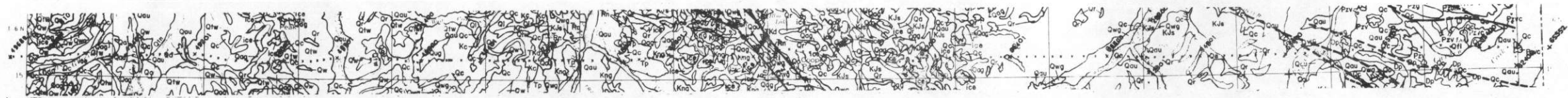
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P 19

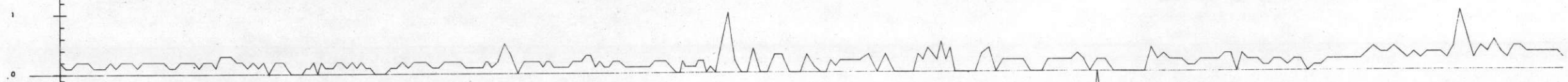
↑ FLAGGED SAMPLE VALUES OF K, U, T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
 NABESNA, ALASKA
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES 1976-1978
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006 /
 PREPARED FOR DEPARTMENT OF ENERGY



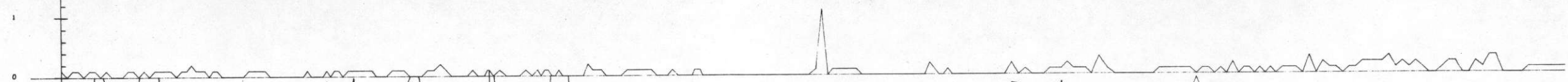
TL/K
0.20/DIV



BI/TL
0.20/DIV



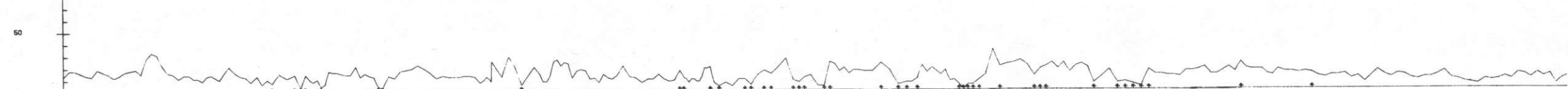
BI/K
0.20/DIV



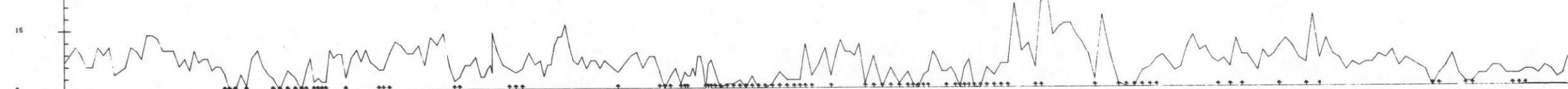
K
10 C/S/DIV



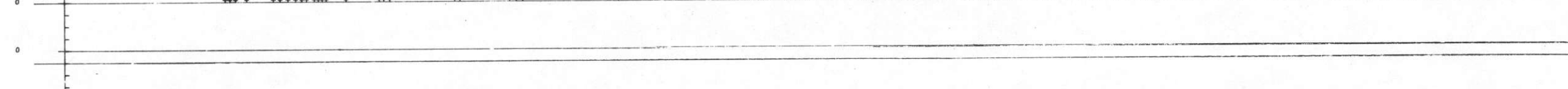
TL
10 C/S/DIV



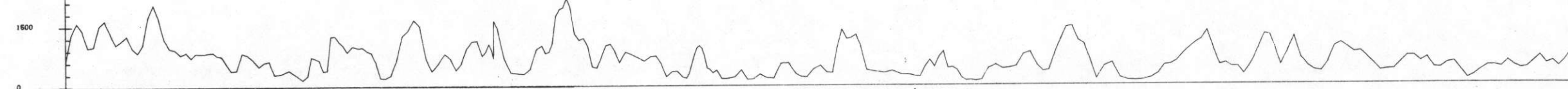
BI
3 C/S/DIV



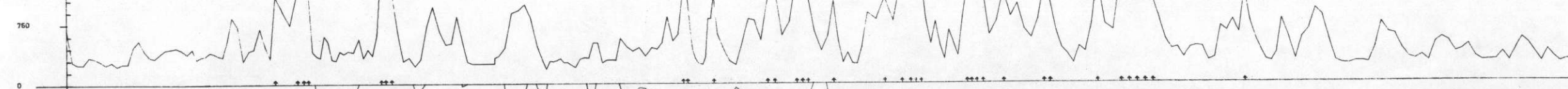
BI COR
1.00/DIV



TC
300 C/S/DIV



ALT
150 FT/DIV



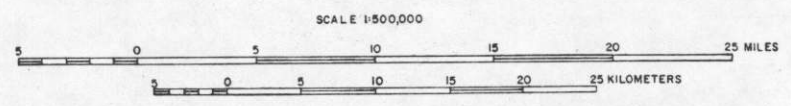
MAG
150 GAUSS/DIV



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P 20

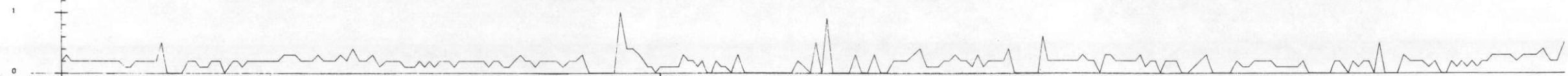
↑ FLAGGED SAMPLE VALUES OF K,U,T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



<p>NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY</p> <p>NABESNA, ALASKA</p> <p>RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES 1976-1978</p> <p>BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006</p> <p>PREPARED FOR DEPARTMENT OF ENERGY</p>
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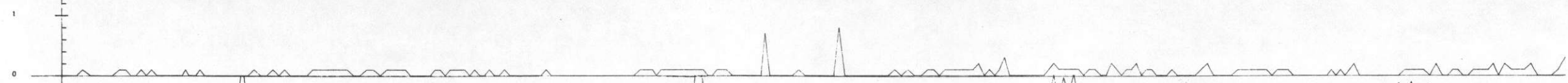
TL/K
0.20/DIV



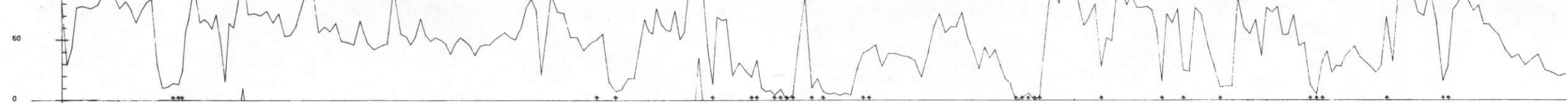
BI/TL
0.20/DIV



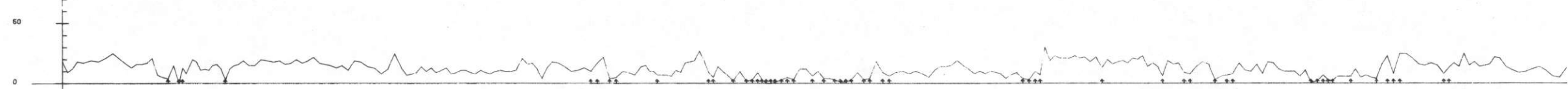
BI/K
0.20/DIV



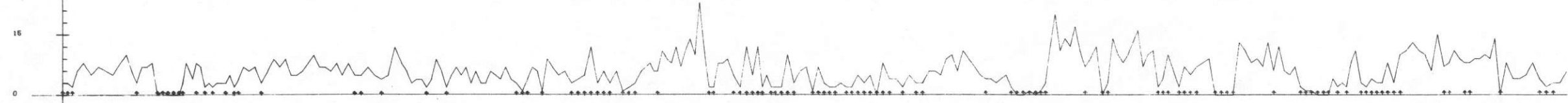
K
10 C/S/DIV



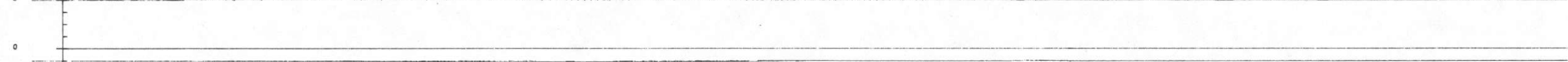
TL
10 C/S/DIV



BI
3 C/S/DIV



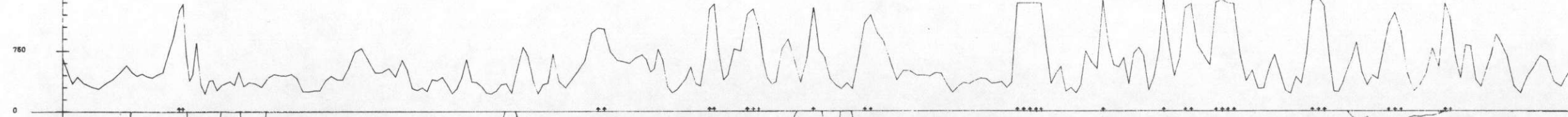
BI COR
1.00/DIV



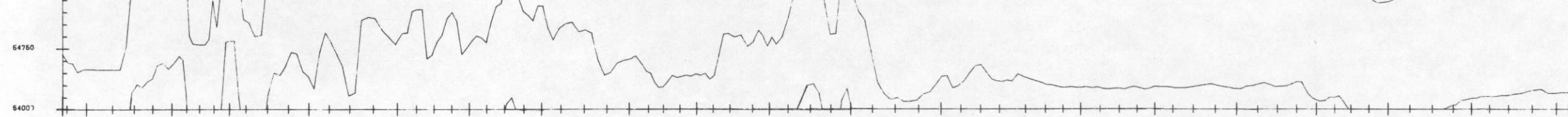
TC
300 C/S/DIV



ALT
100 FT/DIV



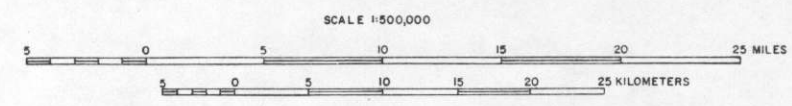
MAG
150 GRAMS/DIV



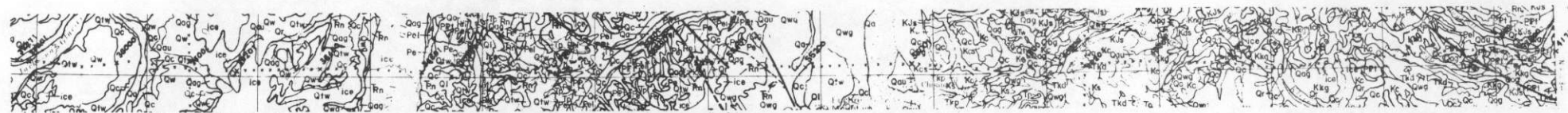
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P 21

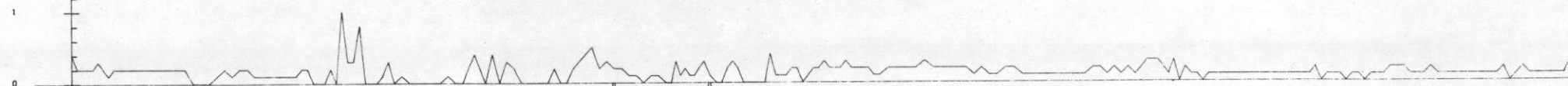
↑ FLAGGED SAMPLE VALUES OF K, U, T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
NABESNA, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES 1976-1978
 BY: LKB RESOURCES, INC. 55 BUCK ROAD · HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR
 DEPARTMENT OF ENERGY



TL/K
0.20/DIV



BI/TL
0.20/DIV



BI/K
0.20/DIV



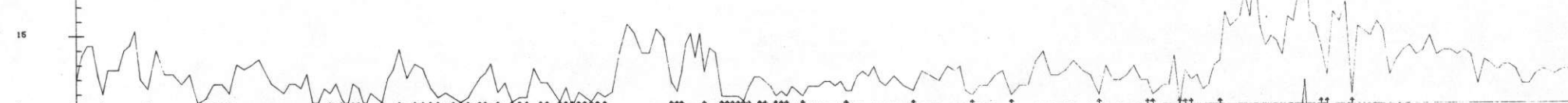
K
10 C/S/DIV



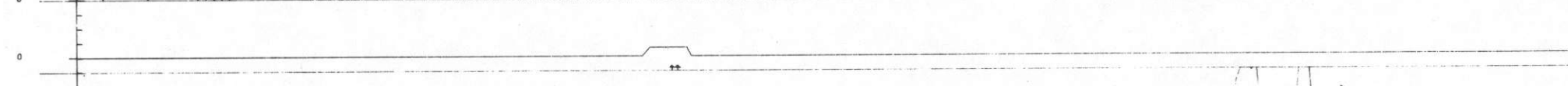
TL
10 C/S/DIV



BI
3 C/S/DIV



BI COR
1.00/DIV



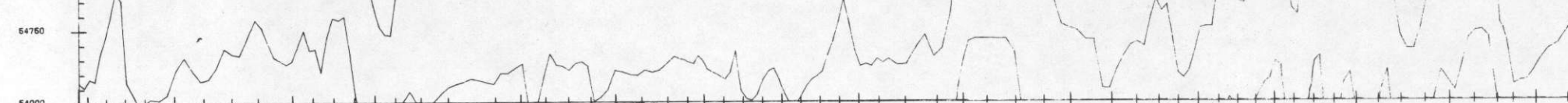
TC
300 C/S/DIV



ALT
180 FT/DIV



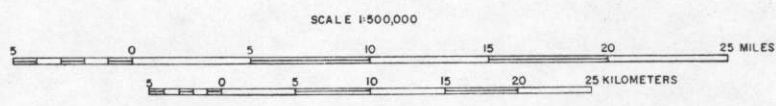
MAG
150 GAUSS/DIV



35777 36000 36200 36400 36600 36800 37000 37200 37400 37600 37800 38000 38200 38400 38600 38800 39000 39200 39400 39600 39800 40000 40200 40400 40600 40800 41000 41200 41400 41600 41800

P 22

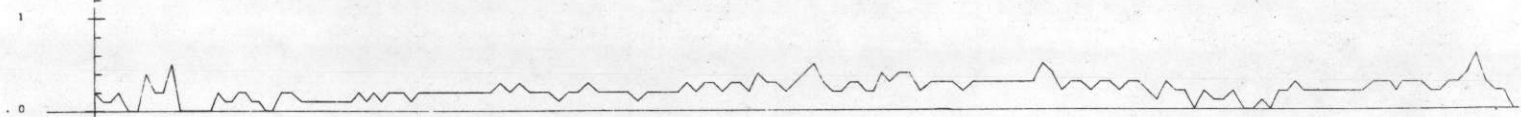
↑ FLAGGED SAMPLE VALUES OF K,U,T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



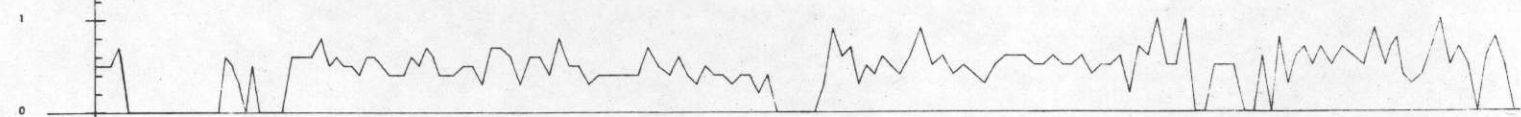
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
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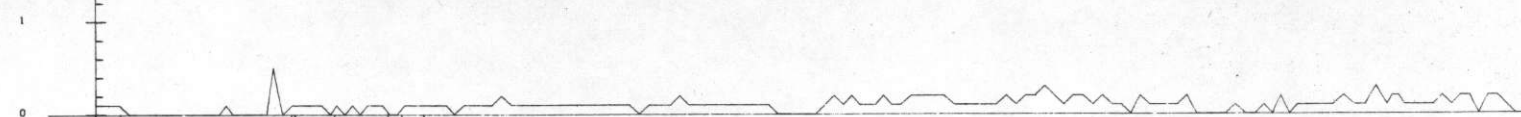
TL/K
0.20/DIV



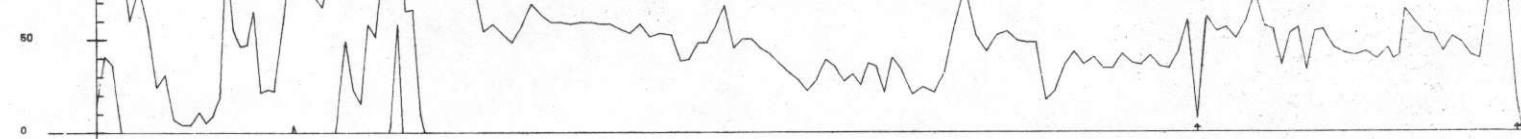
BI/TL
0.20/DIV



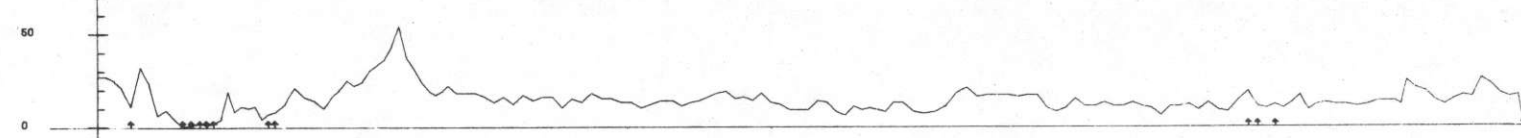
BI/K
0.20/DIV



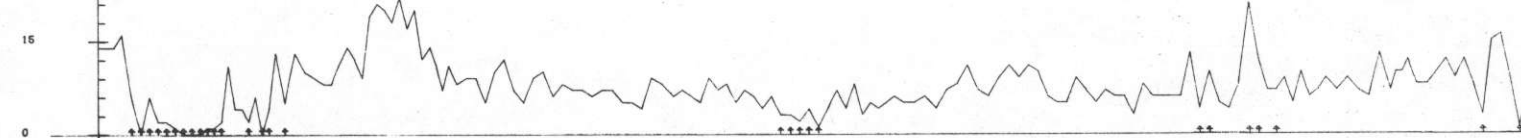
K
10 C/S/DIV



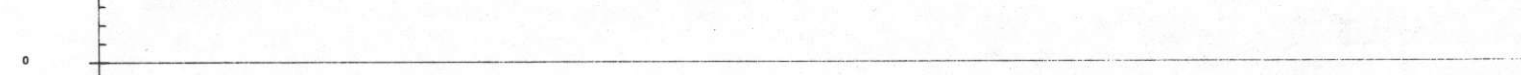
TL
10 C/S/DIV



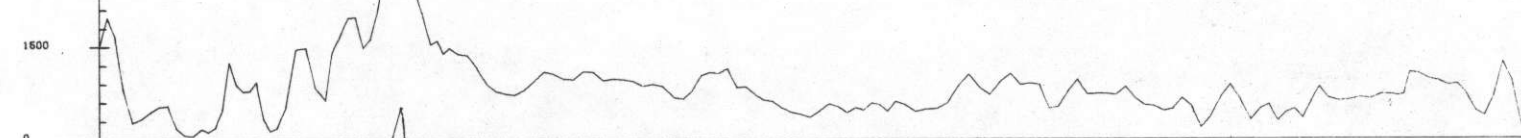
BI
3 C/S/DIV



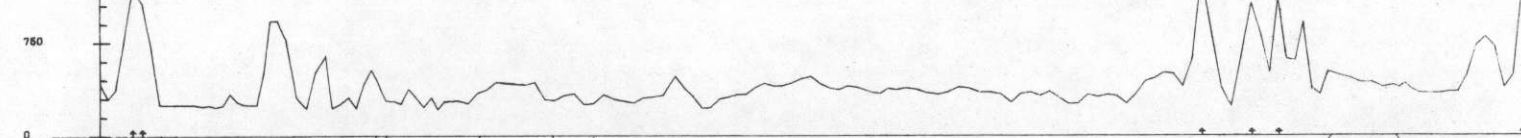
BI COR
1.00/DIV



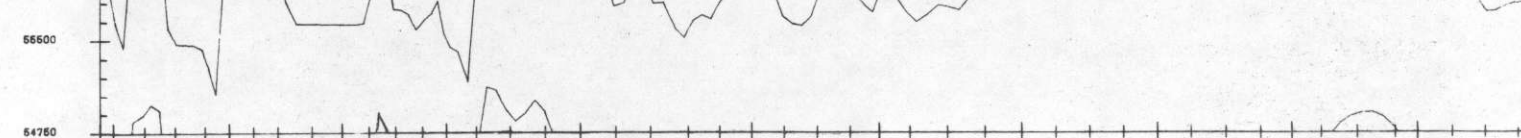
TC
300 C/S/DIV



ALT
180 FT/DIV



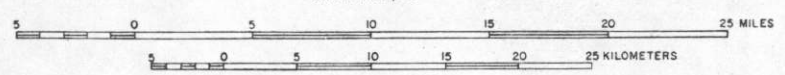
MAG
150 GAMMAS/DIV



51424 51200 51070 50800 50600 2850' 2840' 2830' 2820' 2810' 2790' 2780' 2770'

TL 200

SCALE 1:500,000

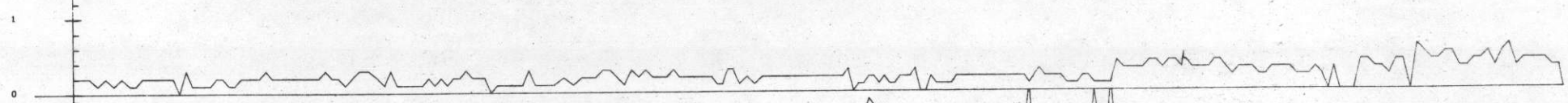


T FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



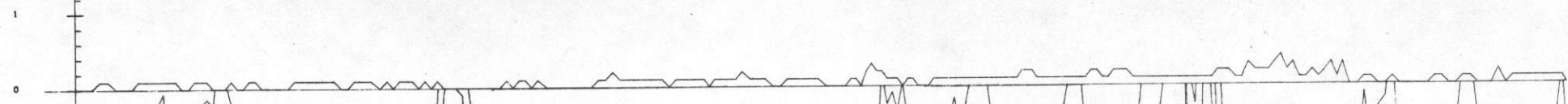
TL/K
0.20/DIV



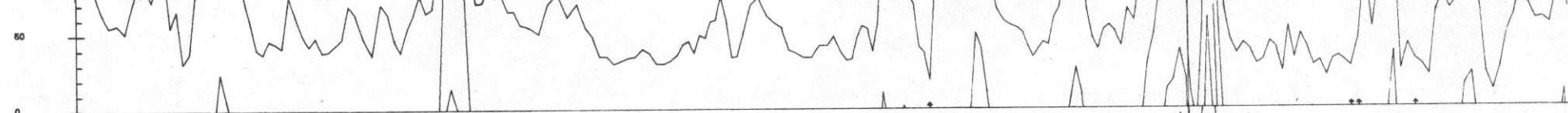
BI/TL
0.20/DIV



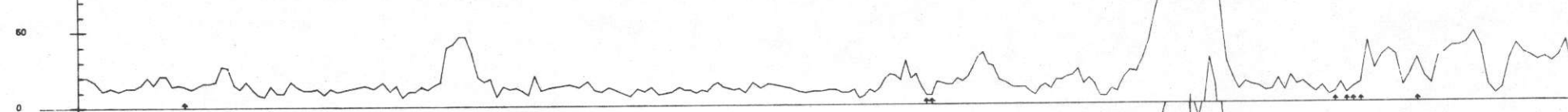
BI/K
0.20/DIV



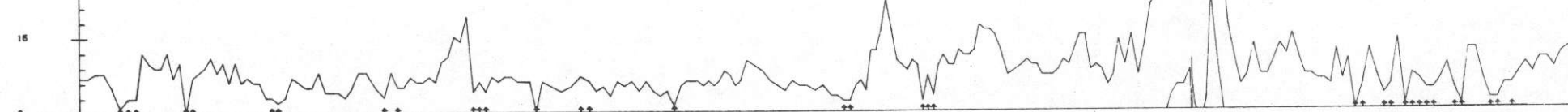
K
10 C/B/DIV



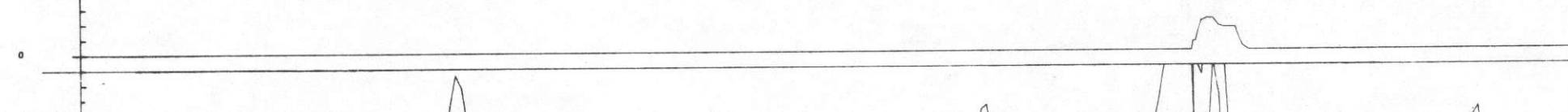
TL
10 C/B/DIV



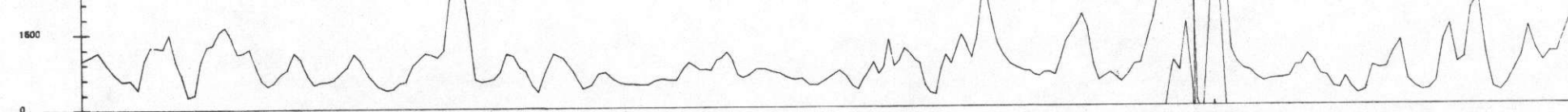
BI
3 C/B/DIV



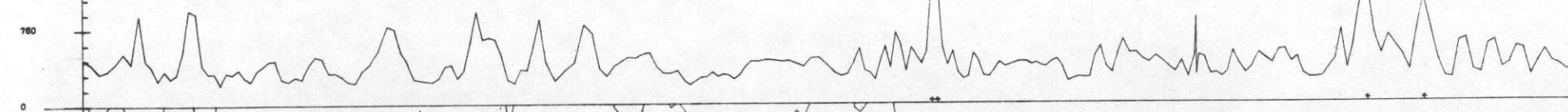
BI COR
1.00/DIV



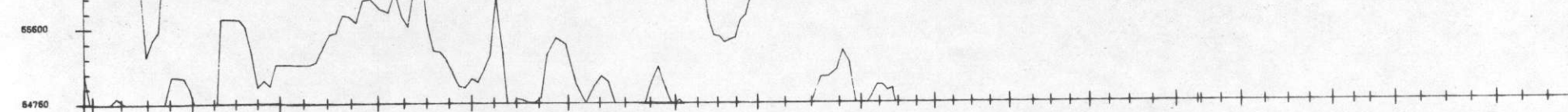
TC
300 C/B/DIV



ALT
150 FT/DIV



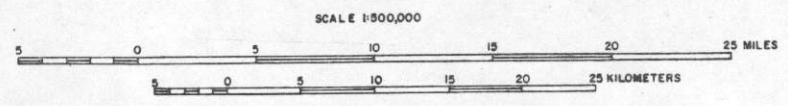
MAG
150 GAMMAS/DIV



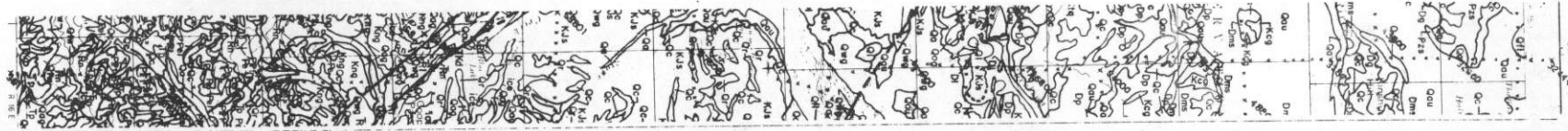
35215 35000 34800 34600 34400 34200 34000 33800 33600 33400 33200 33000 32800 32600 32400 32200 28400 28235

TL 201

↑ FLAGGED SAMPLE VALUES OF
K, T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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DEPARTMENT OF ENERGY



TL/K
0.20/DIV

BI/TL
0.20/DIV

BI/K
0.20/DIV

K
10 C/S/DIV

TL
10 C/S/DIV

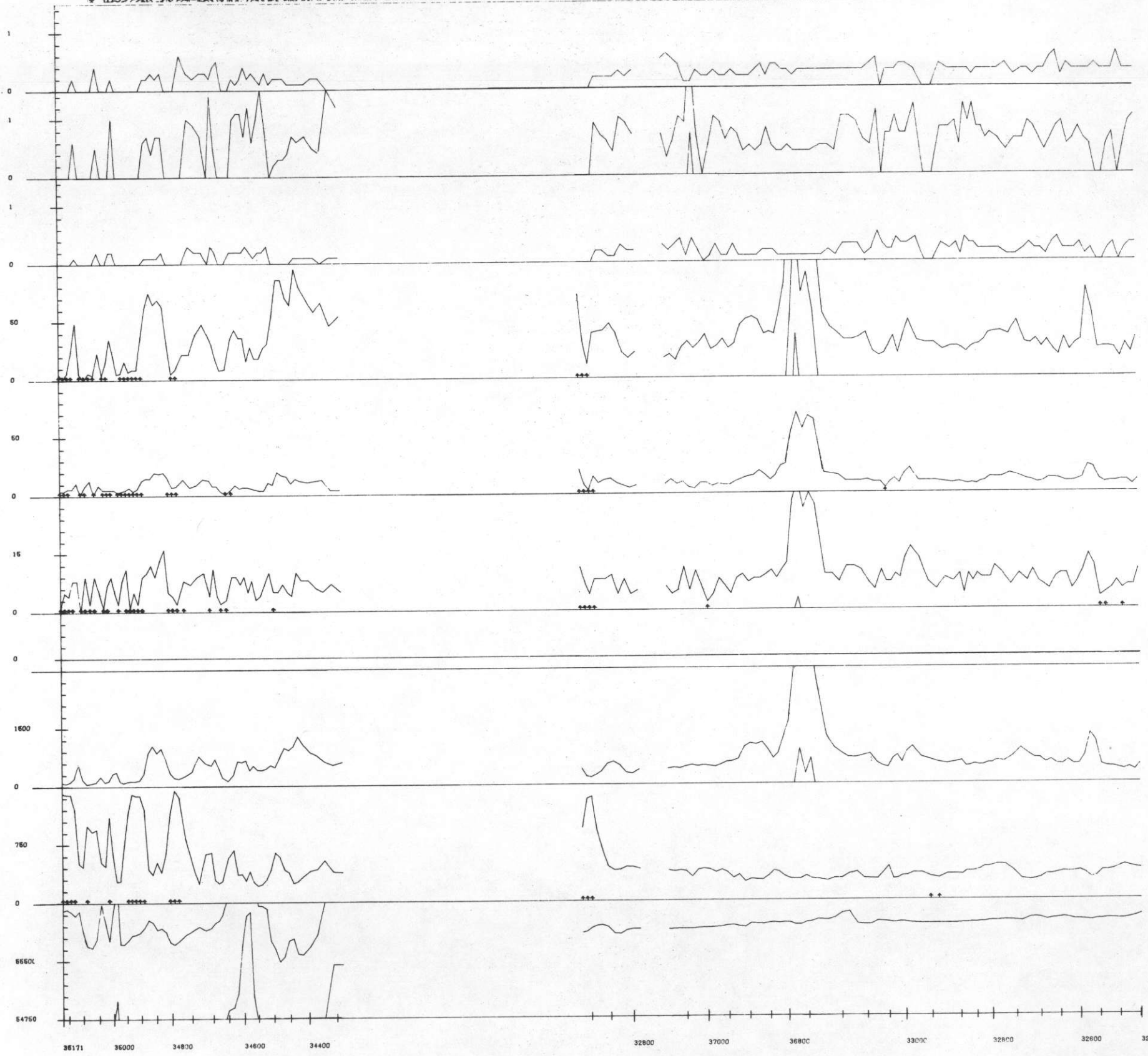
BI
3 C/S/DIV

BI COR
1.00/DIV

TC
300 C/S/DIV

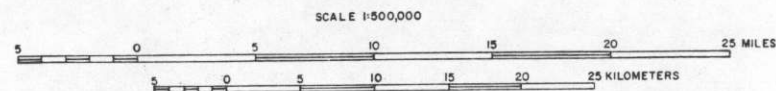
ALT
100 FT/DIV

MAG
100 GAUSS/DIV

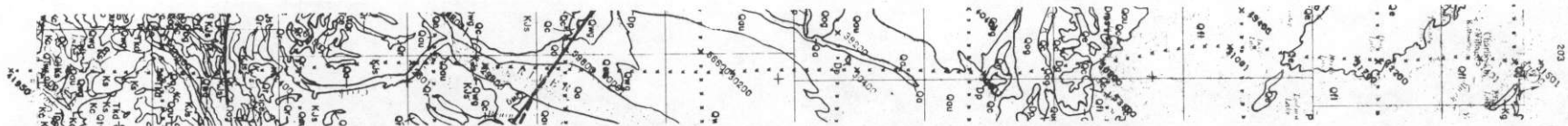


TL 202

↑ FLAGGED SAMPLE VALUES OF
K, TL INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
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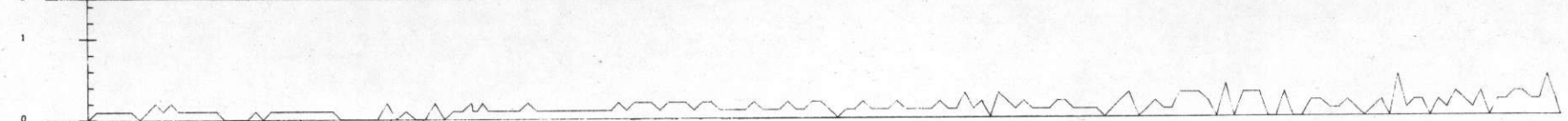
TL/K
0.20/DIV



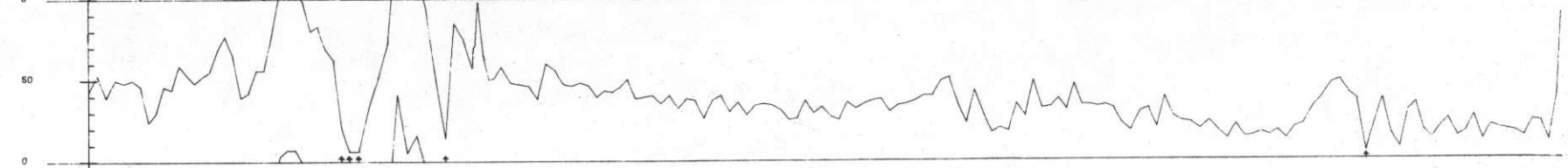
BI/TL
0.20/DIV



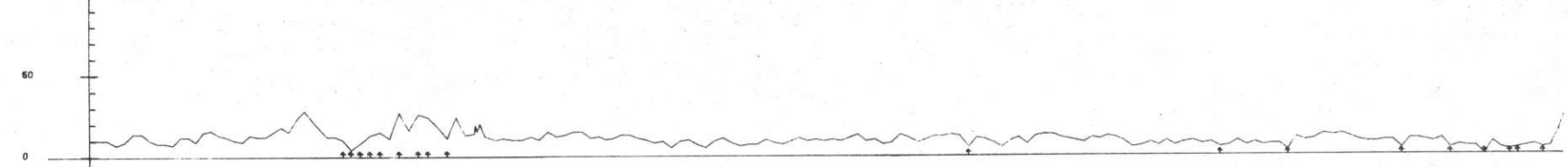
BI/K
0.20/DIV



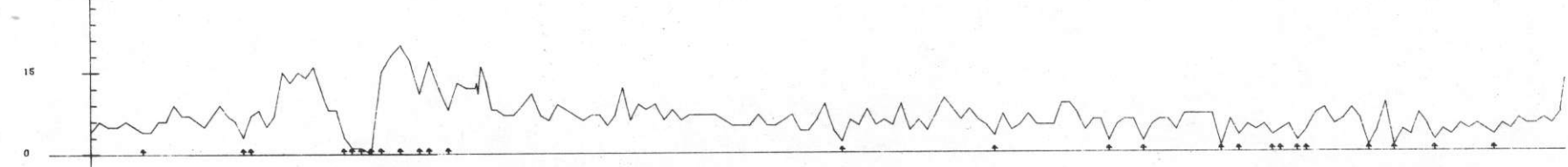
K
10 C/S/DIV



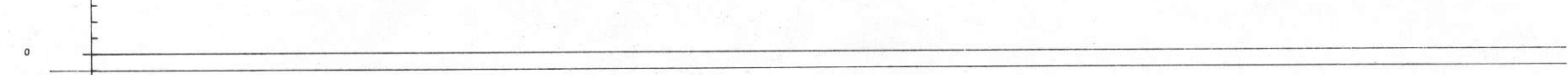
TL
10 C/S/DIV



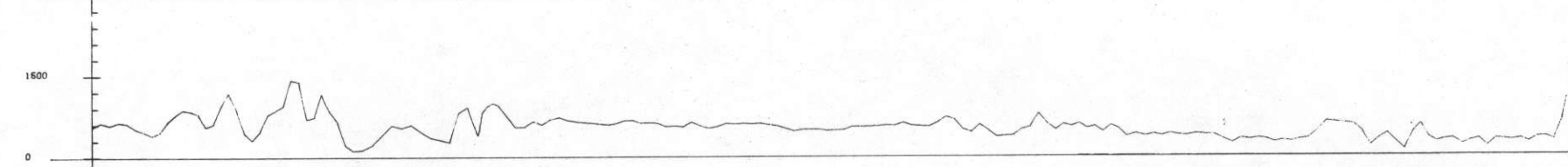
BI
3 C/S/DIV



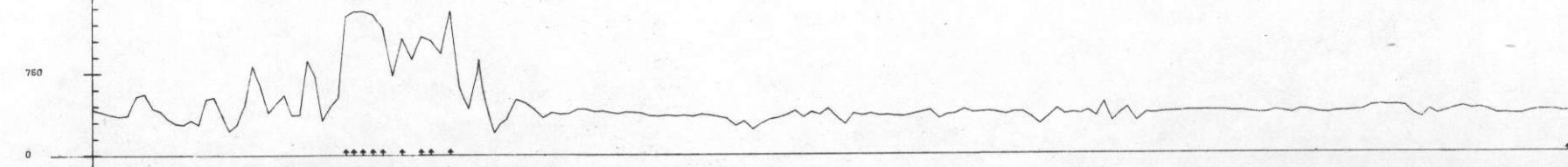
BI COR
1.00/DIV



TC
300 C/S/DIV



ALT
150 FT/DIV



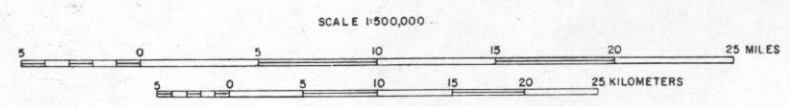
MAG
150 GAMMAS/DIV



41958 42200 42400 42800 29877 30013 30207 30420 30600 30877 31000 31200 31400 31601

TL 203

▲ FLAGGED SAMPLE VALUES OF K, TL INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
 NABESNA, ALASKA
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES 1976-1978
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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TL/K
0.20/DIV

BI/TL
0.20/DIV

BI/K
0.20/DIV

K
10 C/S/DIV

TL
10 C/S/DIV

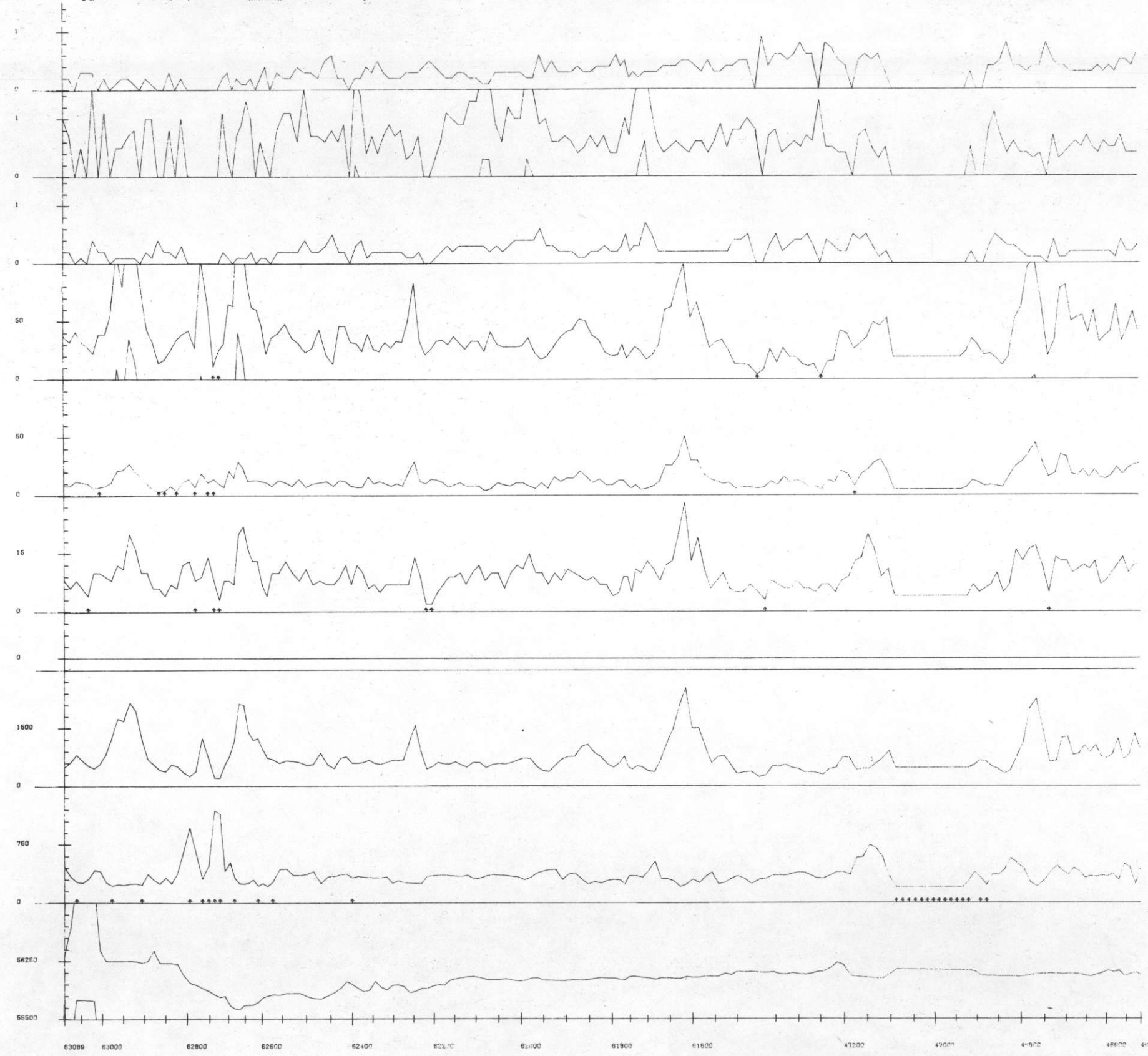
BI
3 C/S/DIV

BI COR
1.00/DIV

TC
300 C/S/DIV

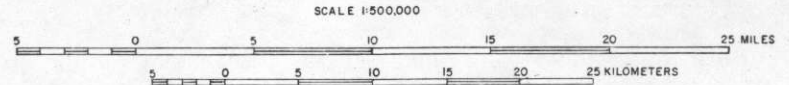
ALT
150 FT/DIV

MAG
150 GAMMAS/DIV

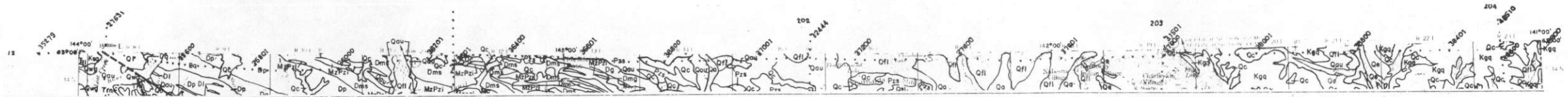


TL 204

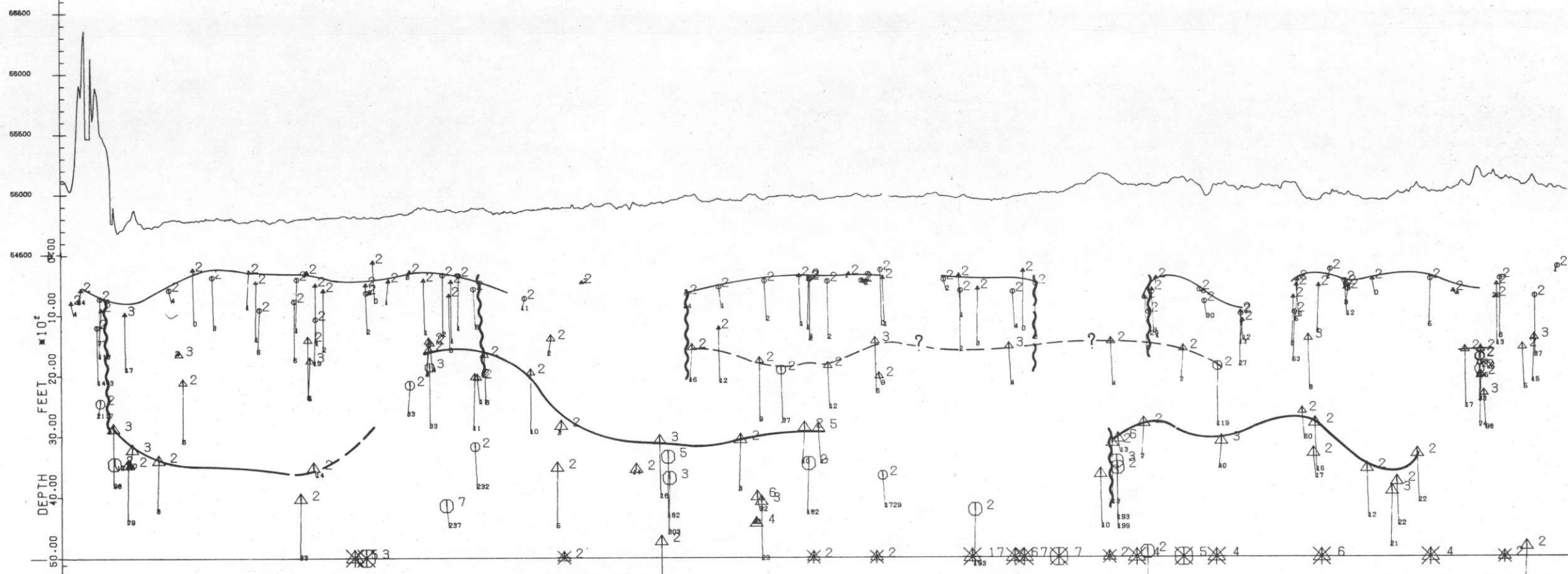
↑ FLAGGED SAMPLE VALUES OF K, TL INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



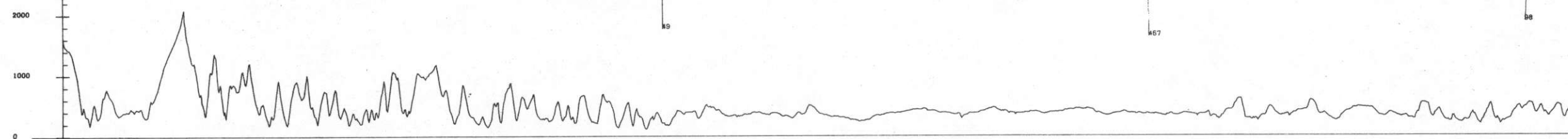
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
 NABESNA, ALASKA
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
 1976-1978
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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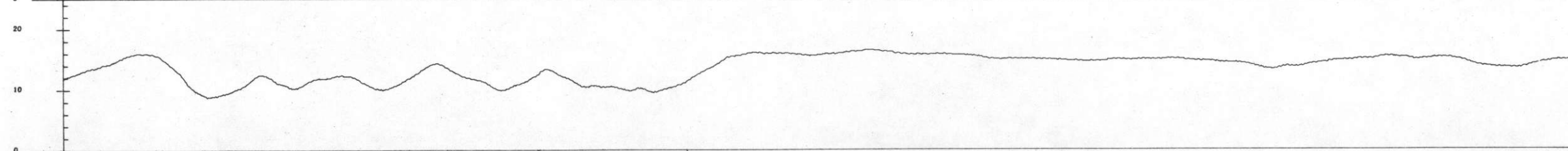
MAG
100 GAUSS/DIV



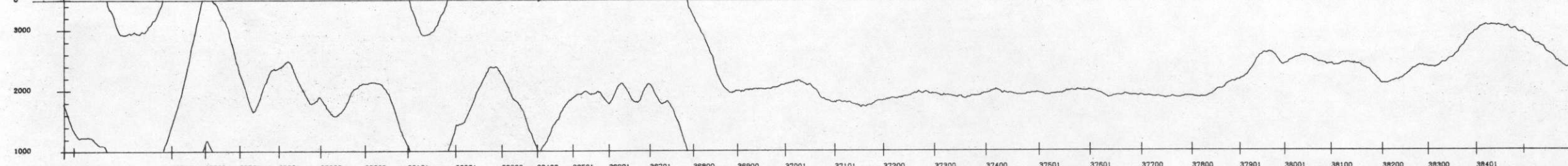
ALT
200 FT/DIV



TEMP
2.00 DEGREES/DIV

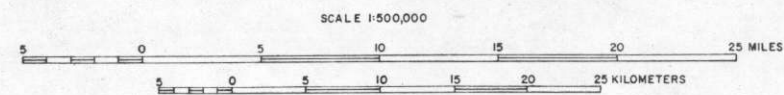


BAR ALT
200 FT/DIV

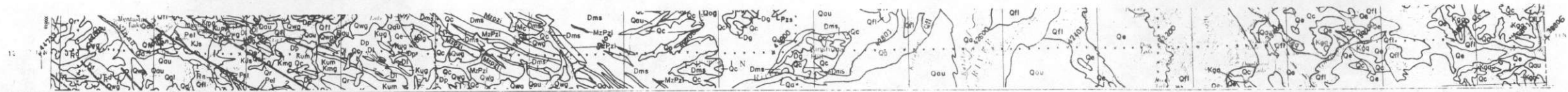


P 12

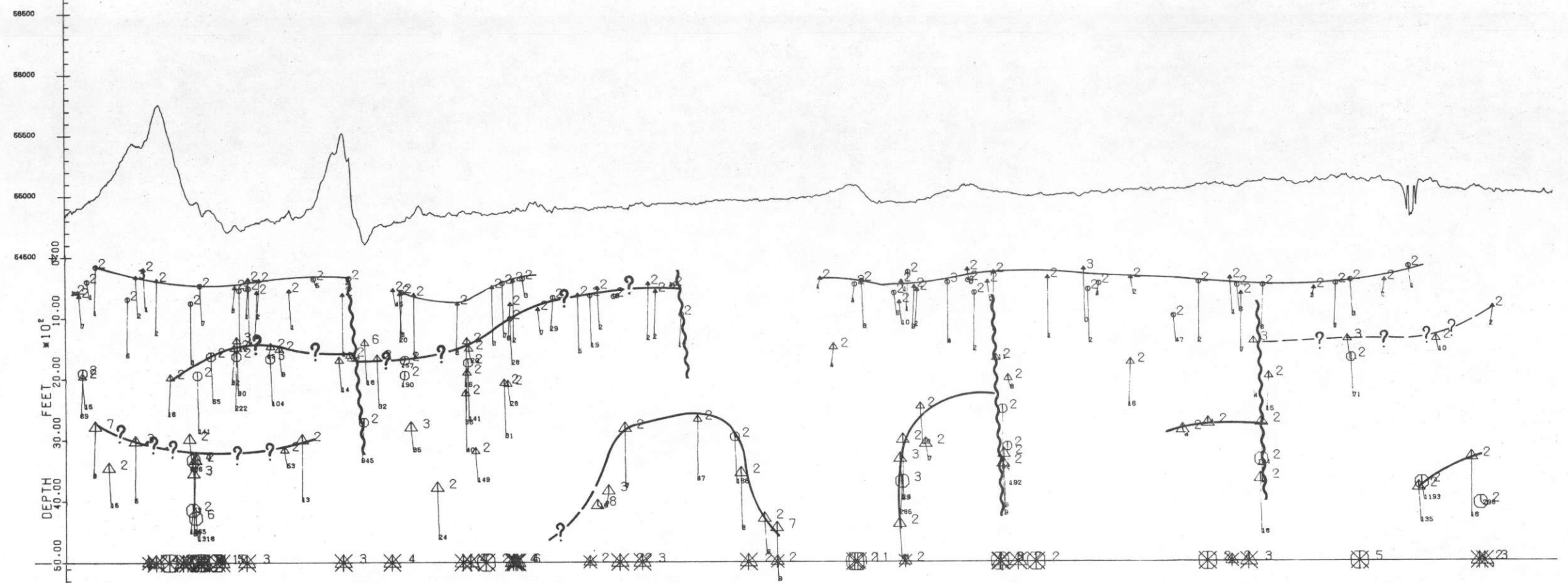
↑ EXCEEDS ALTITUDE SPECIFICATIONS



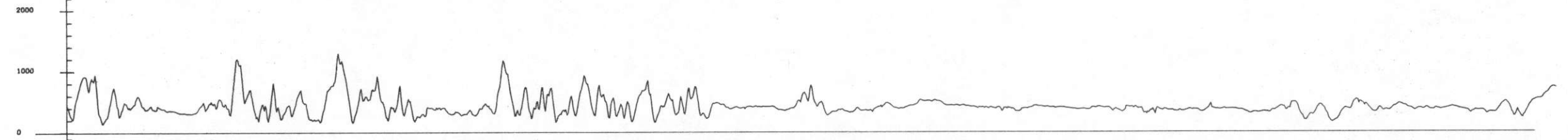
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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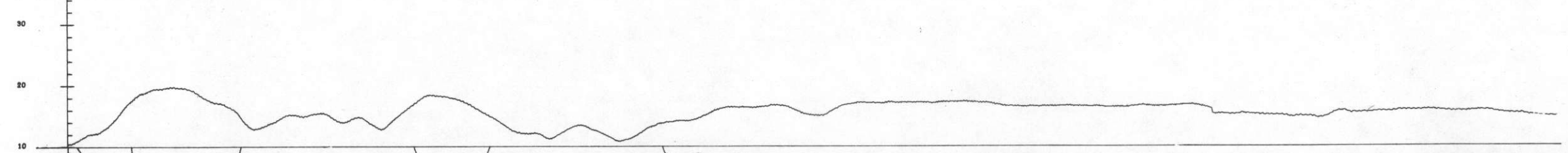
MAG
100 GAMMAS/DIV



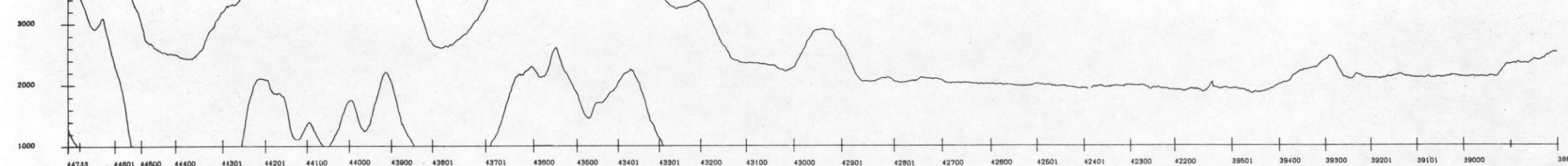
ALT
200 FT/01V



TEMP
2.00 DEGREES/01V

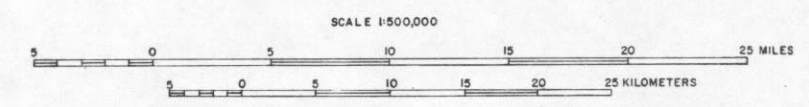


BAR ALT
200 FT/01V

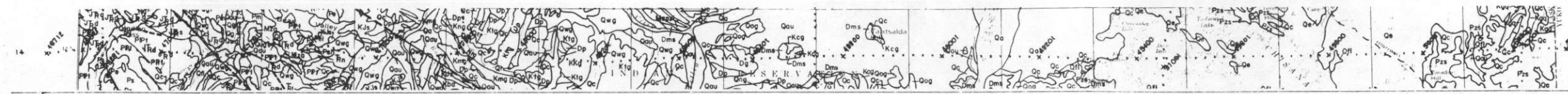


P 13

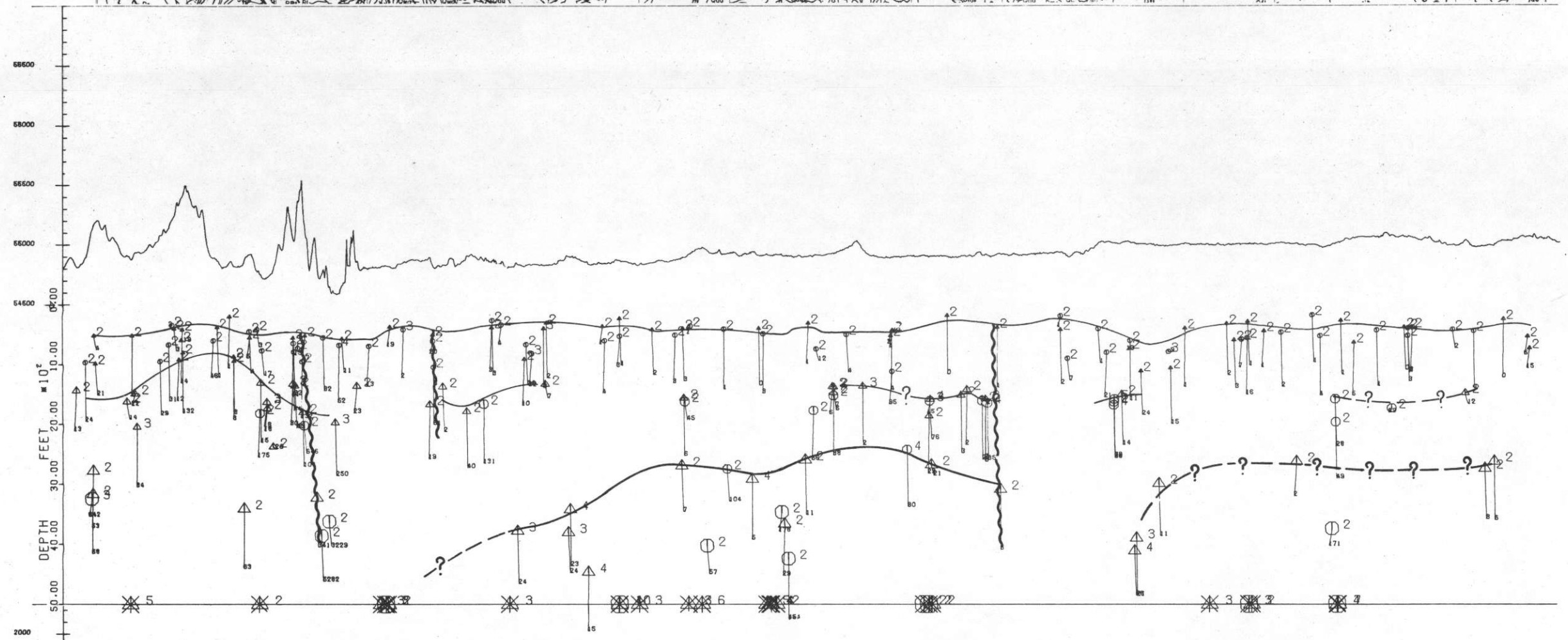
↑ EXCEEDS ALTITUDE SPECIFICATIONS



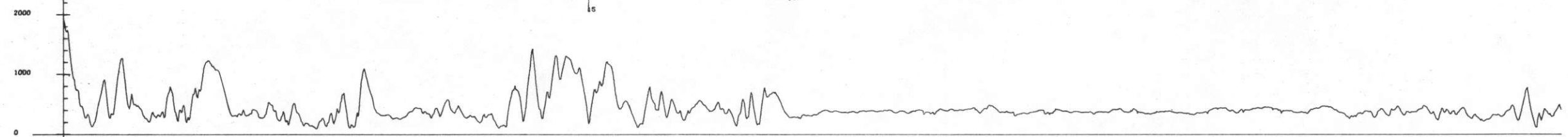
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
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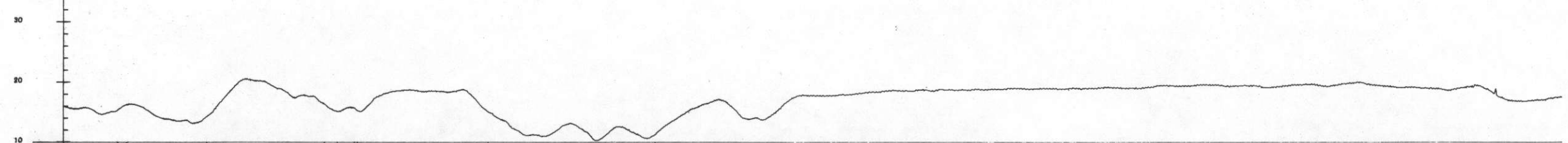
MAG
100 GAUSS/01V



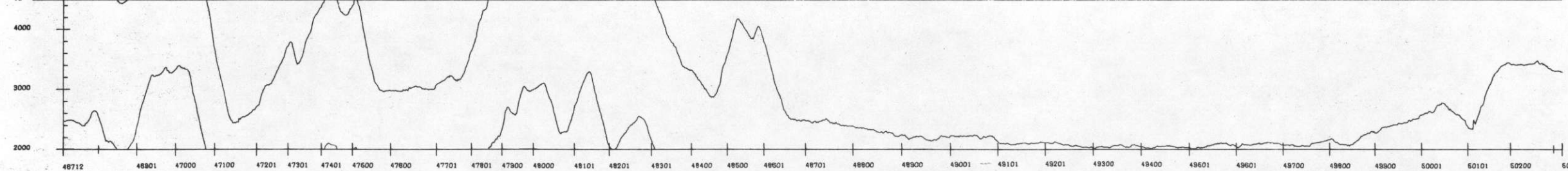
ALT
200 FT/01V



TEMP
2.00 DEGREES/01V

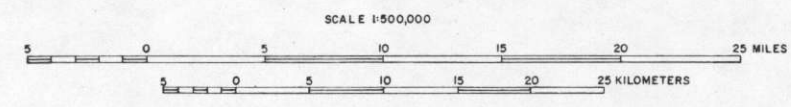


BAR ALT
200 FT/01V



P 14

↑ EXCEEDS ALTITUDE SPECIFICATIONS



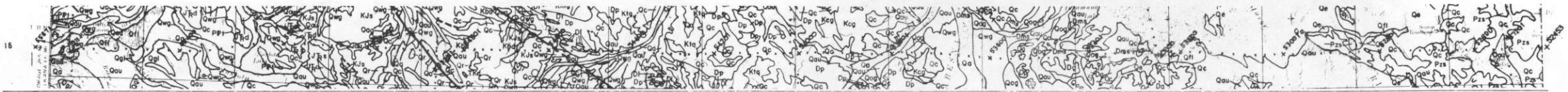
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

NABESNA, ALASKA

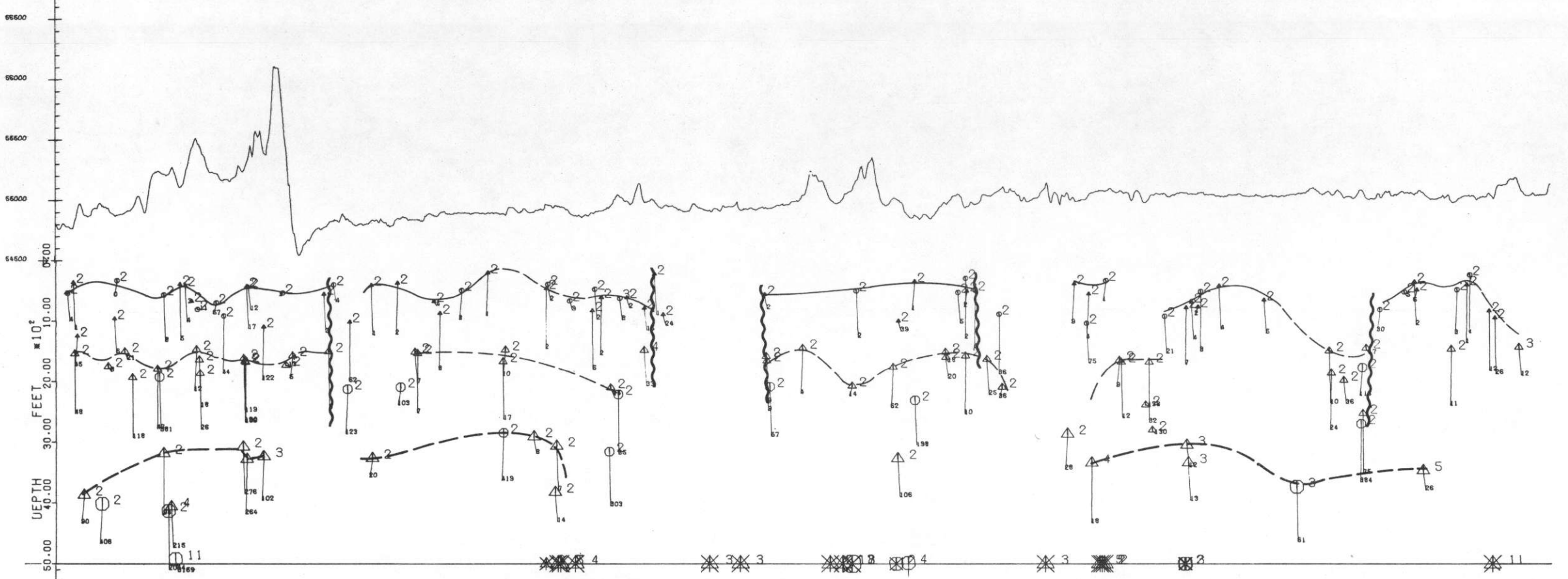
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

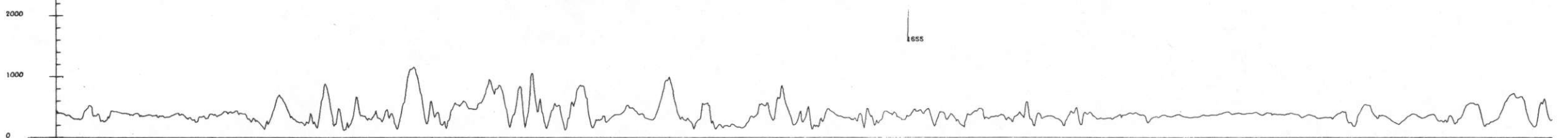
PREPARED FOR
DEPARTMENT OF ENERGY



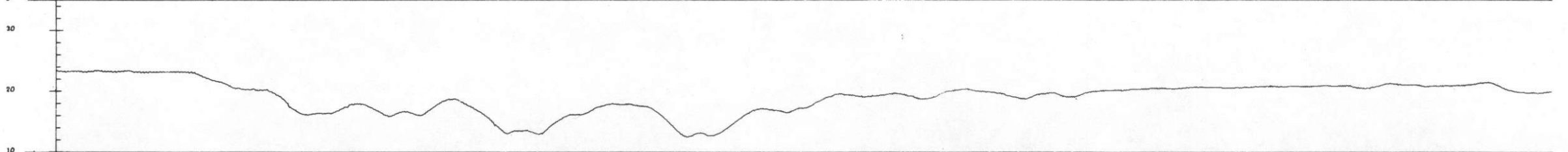
MAG
100 GAMMA/DIV



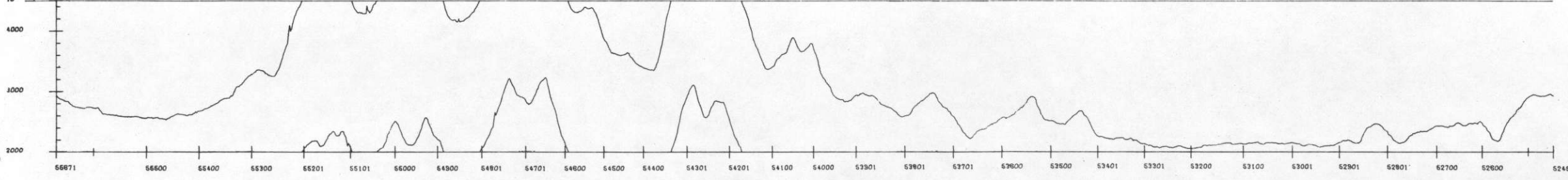
ALT
300 FT/01



TEMP
2.00 DEGREES/DIV

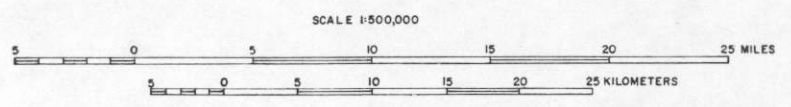


BAR ALT
200 FT/01V

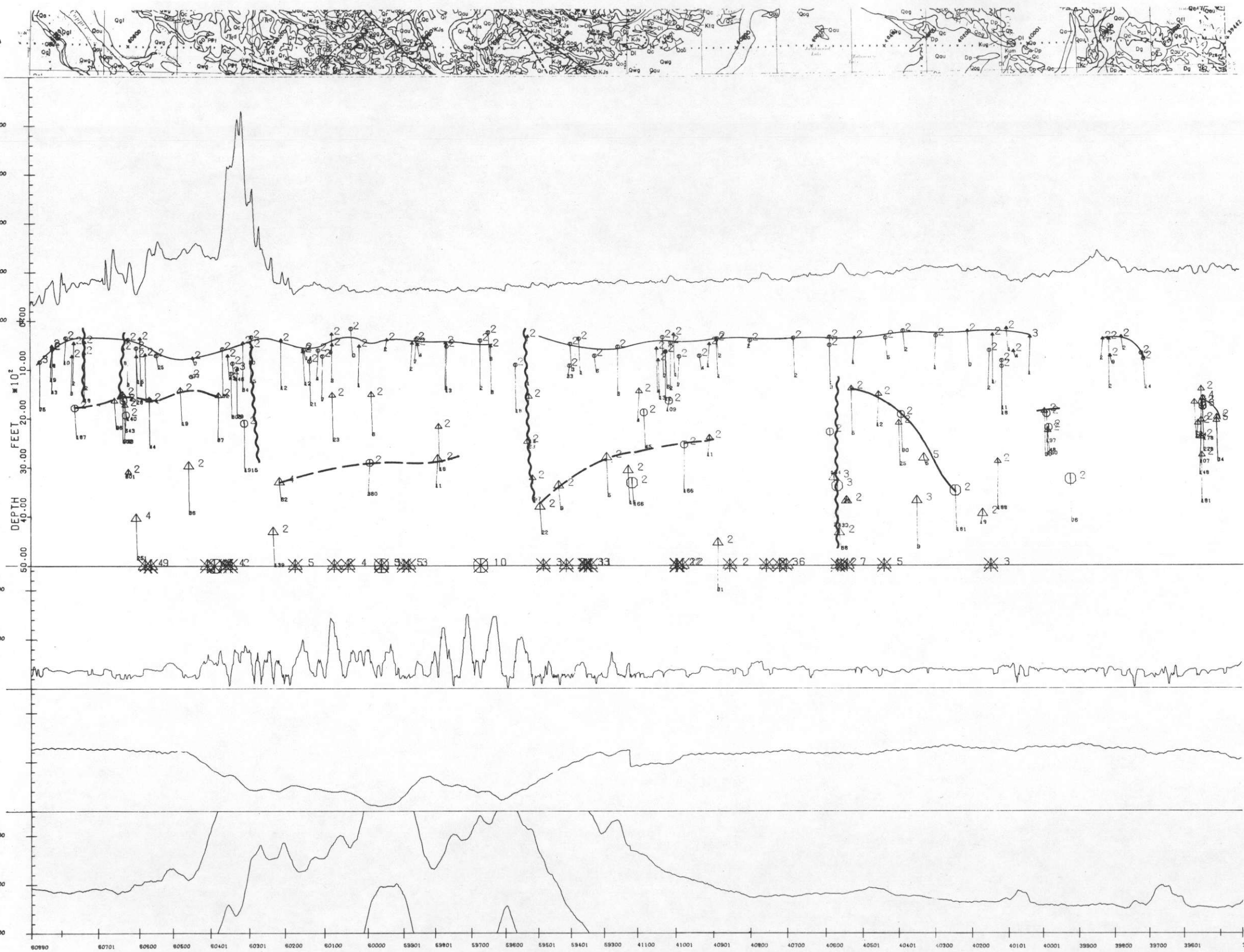


P 15

↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY	
NABESNA, ALASKA	
MAGNETIC AND ANCILLARY STACKED PROFILE DATA 1976-1978	
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006	
PREPARED FOR DEPARTMENT OF ENERGY	



MAG
100 GR/Div

FEET
10²
20.00
30.00
40.00
50.00

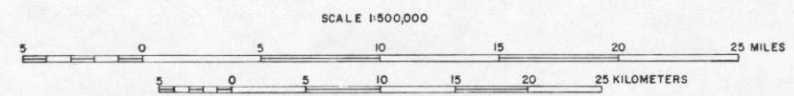
ALT
200 FT/Div

TEMP
2.00°C/Div

BAR ALT
200 FT/Div

P 16

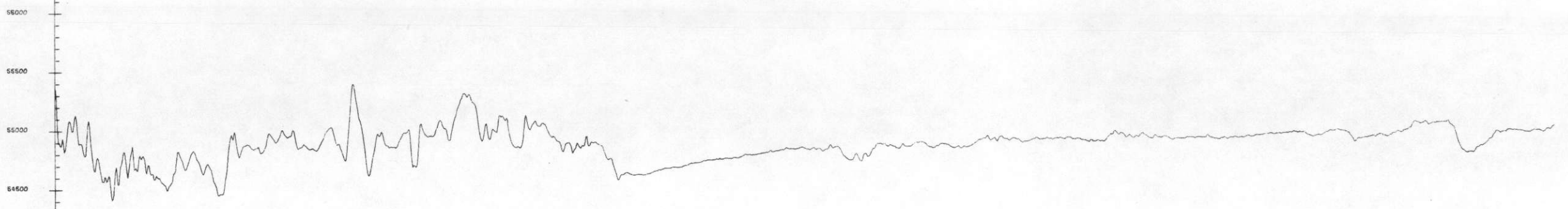
↑ EXCEEDS ALTITUDE SPECIFICATIONS



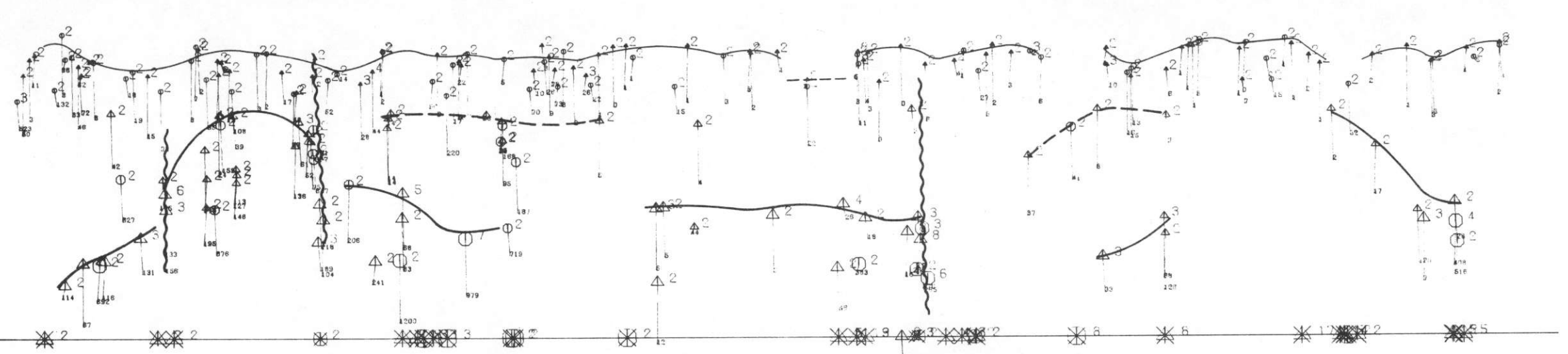
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



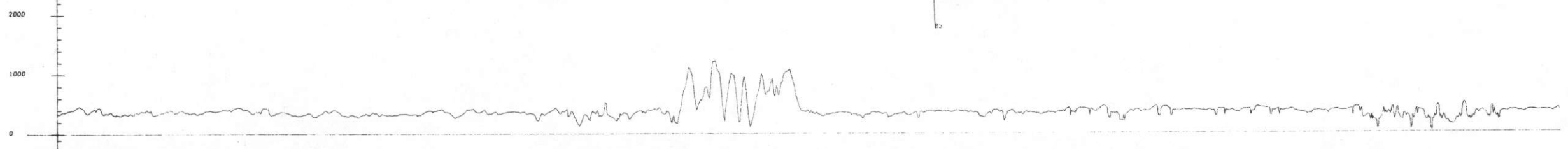
MAG
100 GAMMAS/DIV



DEPTH FEET
0 10.00 20.00 30.00 40.00 50.00



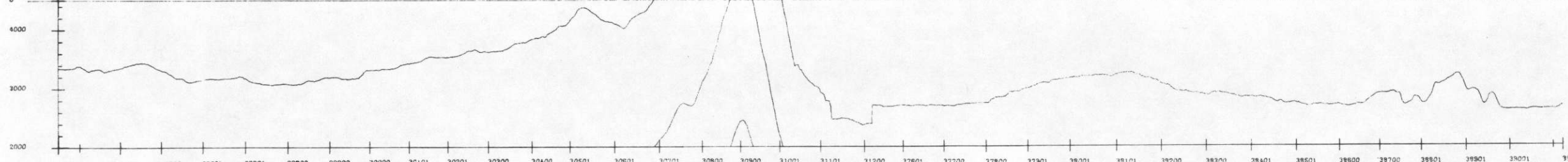
ALT
200 FT/DIV



TEMP
2.00 DEGREES/DIV

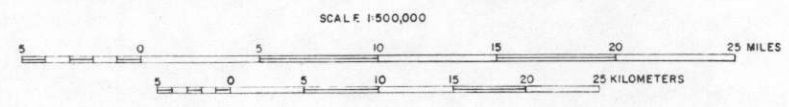


BAR ALT
200 FT/DIV

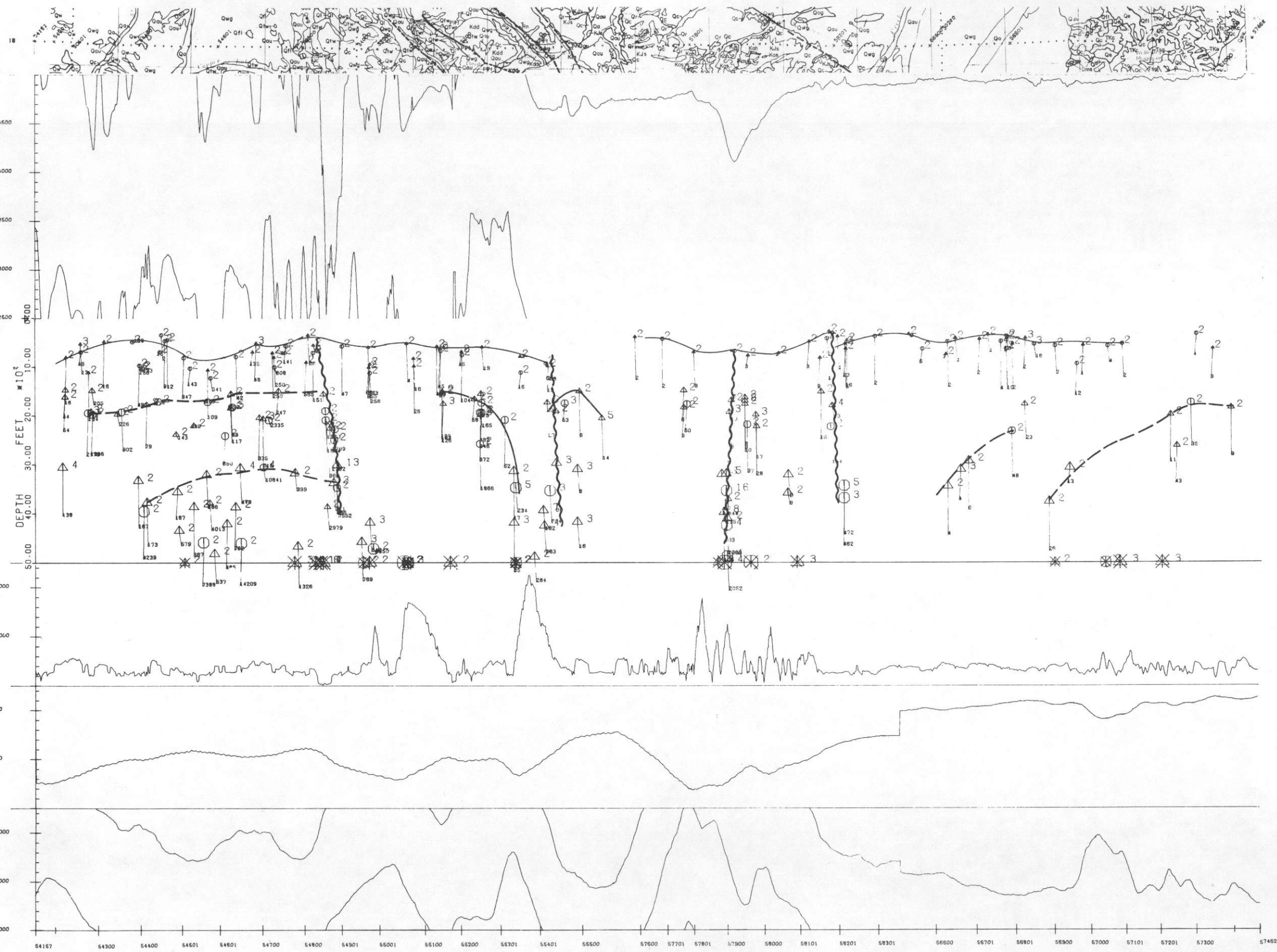


P 17

↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



MAG
100 GAMMAS/DIV

DEPTH
FEET
10.00
20.00
30.00
40.00
50.00

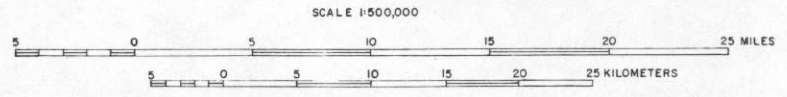
ALT
200 FT/DIV

TEMP
2.00 DEGREES/DIV

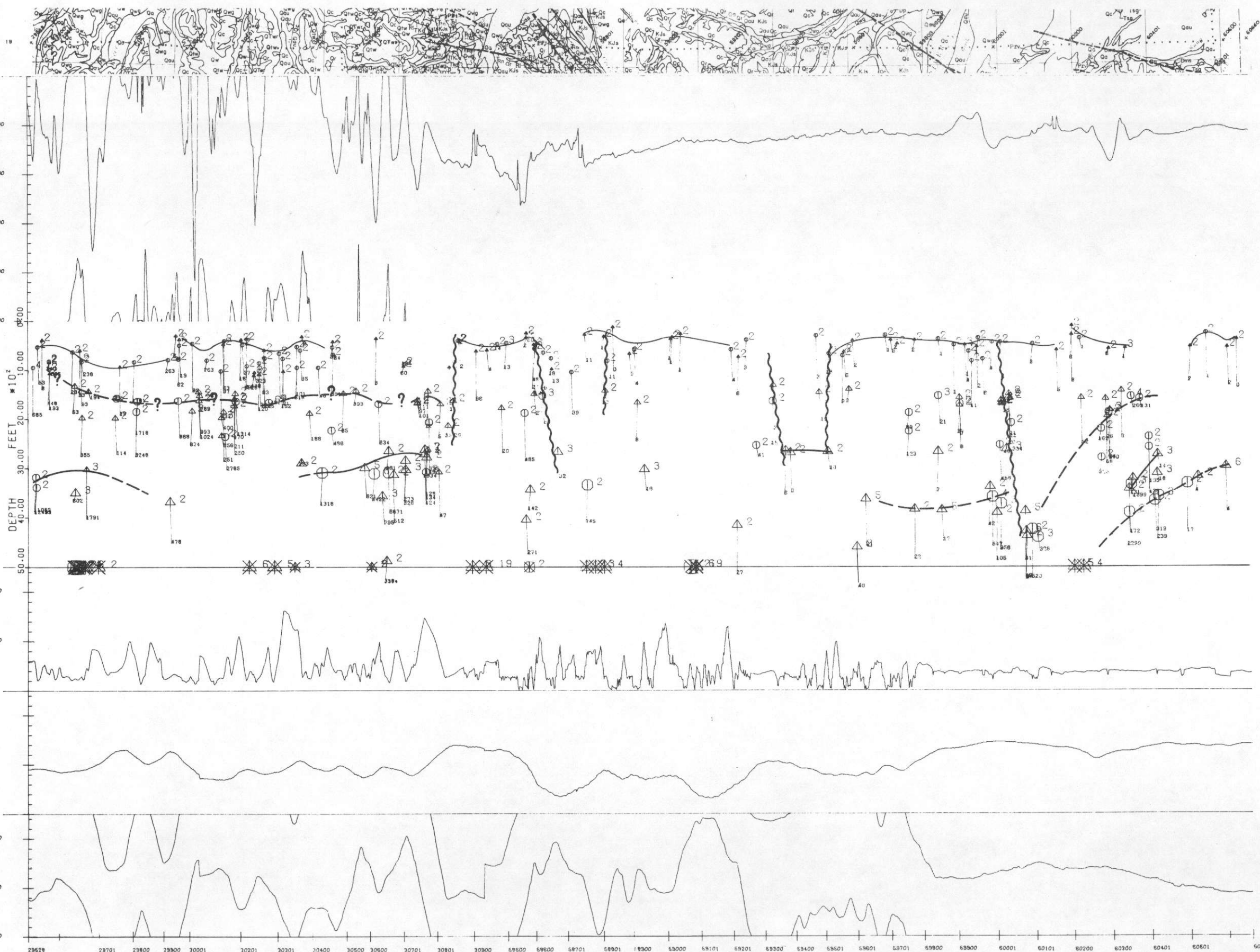
BAR ALT
200 FT/DIV

P 18

↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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DEPARTMENT OF ENERGY



MAG
100 GAMMAS/DIV

DEPTH
FEET
0-00
10-00
20-00
30-00
40-00
50-00

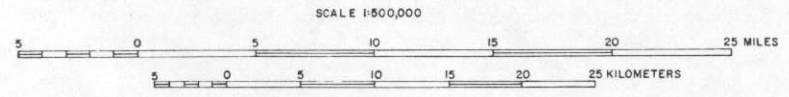
ALT
200 FT/DIV

TEMP
2.00 DEGREES/DIV

BAR ALT
200 FT/DIV

P 19

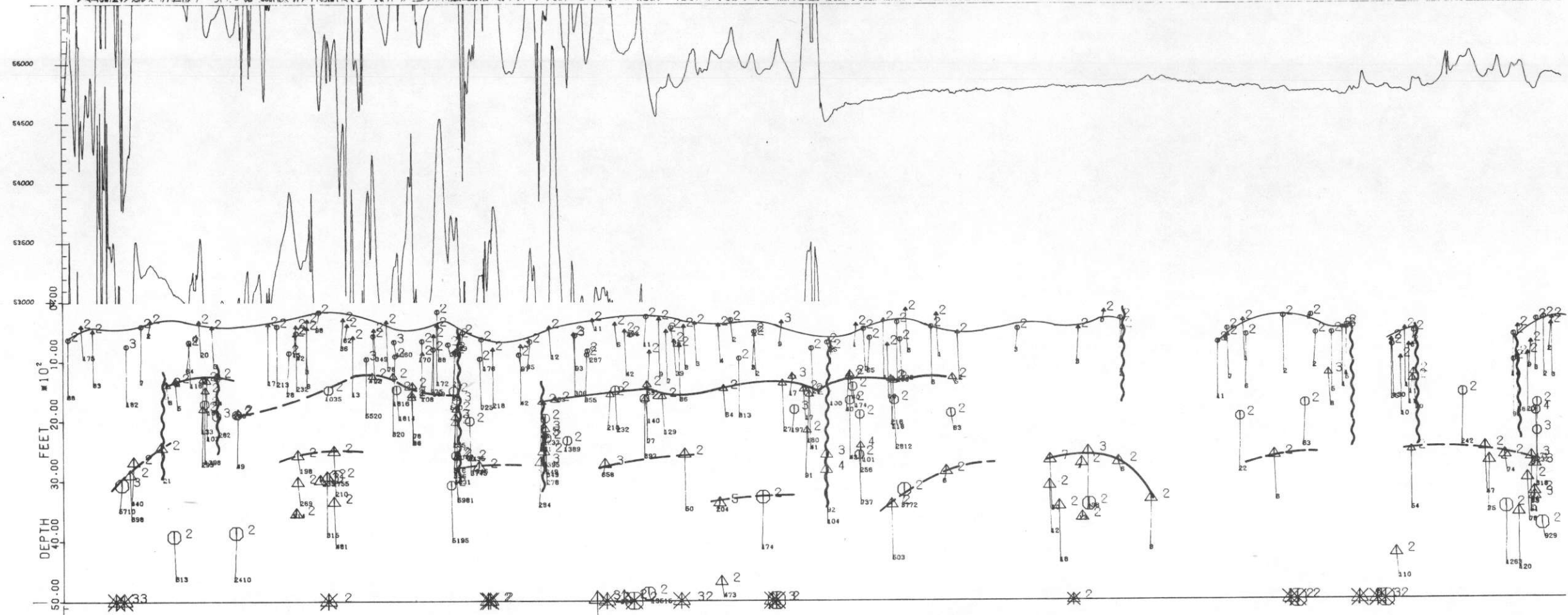
↑ EXCEEDS ALTITUDE SPECIFICATIONS



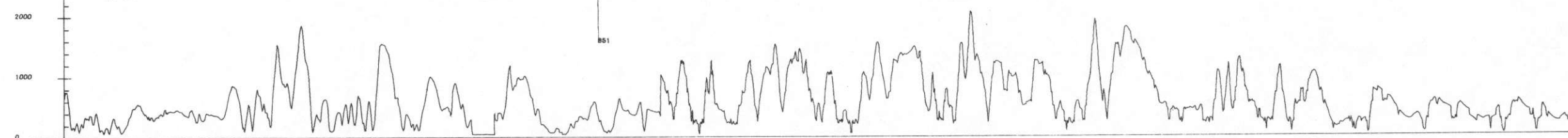
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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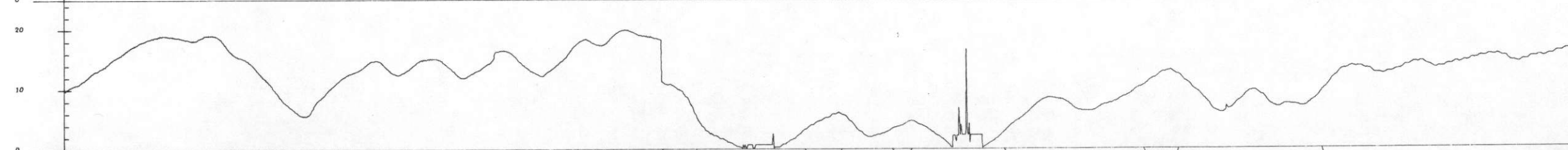
MAG
100 GAUSS/0.1V



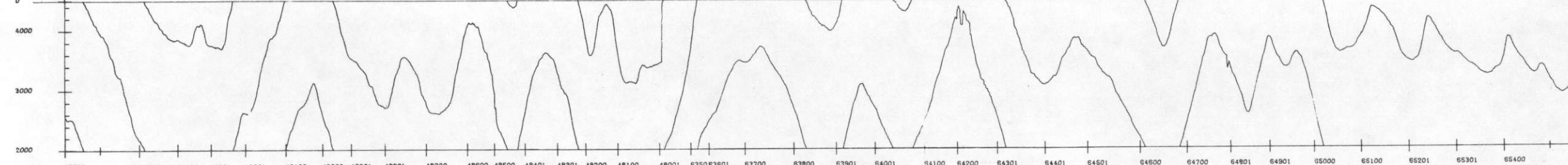
ALT
200 FT/0.1V



TEMP
2.00 DEGREES/0.1V

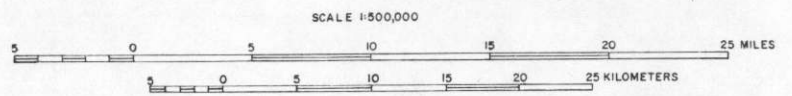


BAR ALT
200 FT/0.1V



P 20

↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

NABESNA, ALASKA

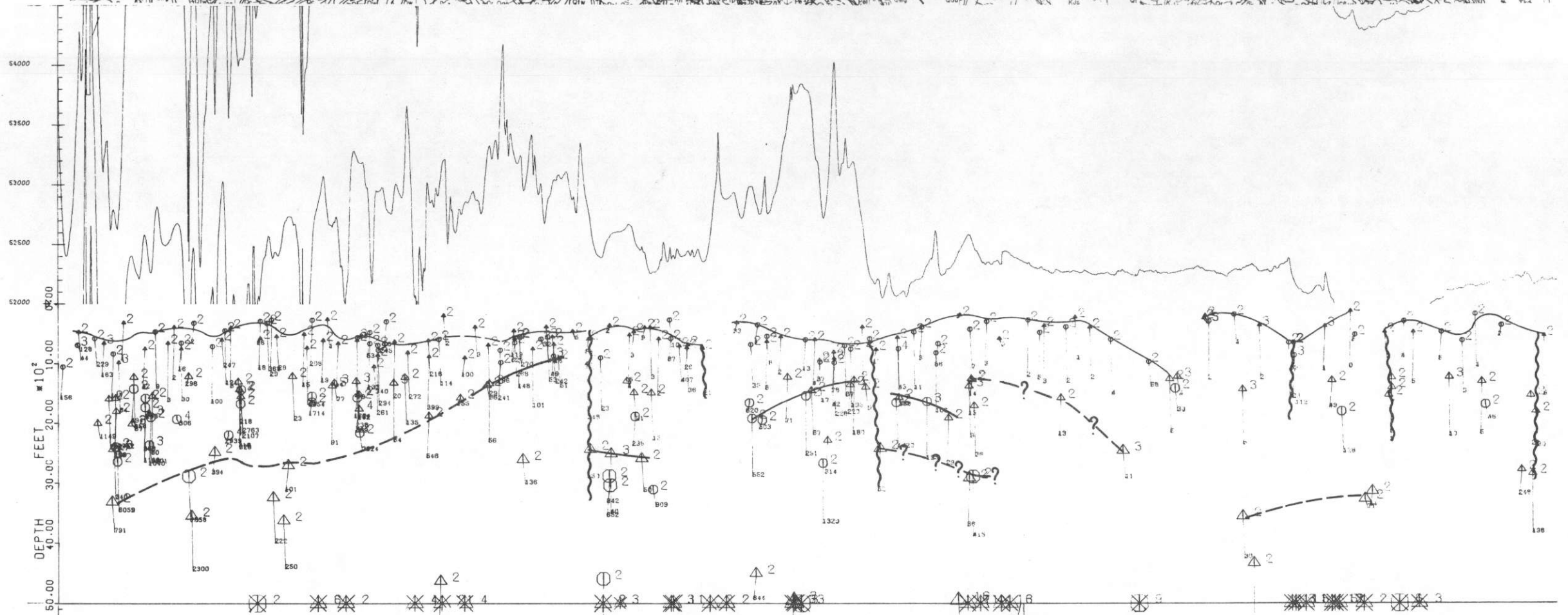
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

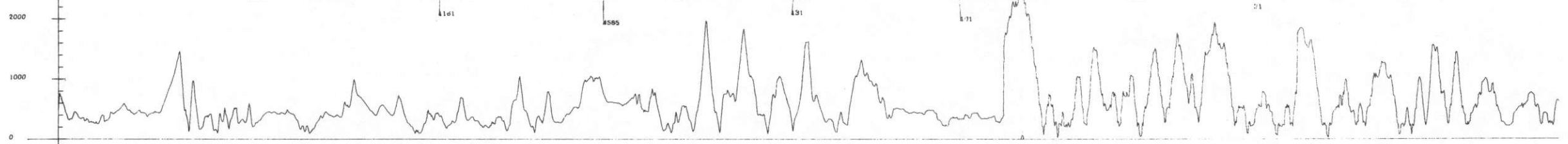


MAG
100 GAMES/DIV

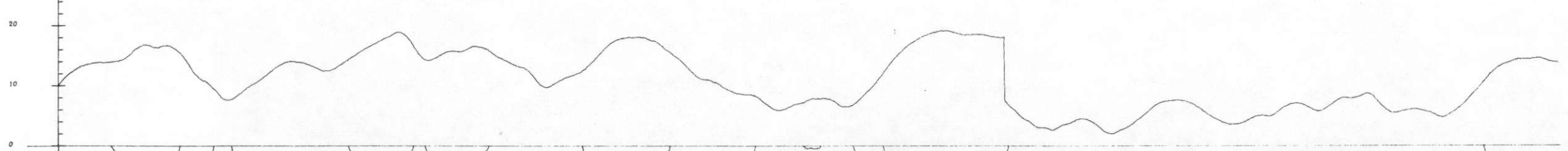


DEPTH
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20.00
30.00
40.00
50.00

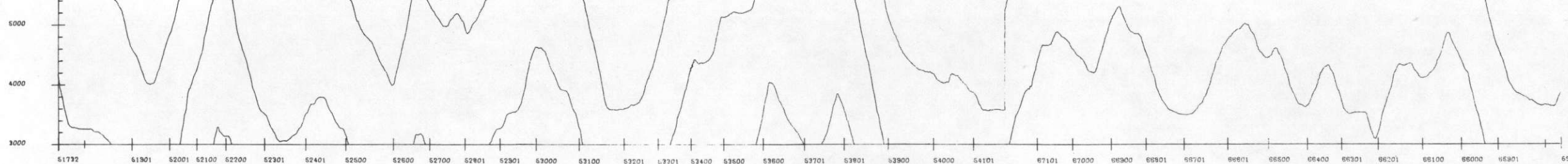
ALT
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TEMP
2.00 DEGREES/DIV

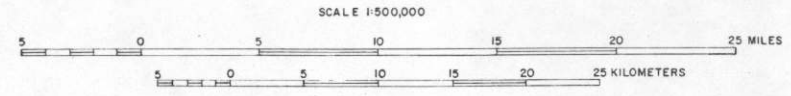


BAR ALT
200 FT/DIV

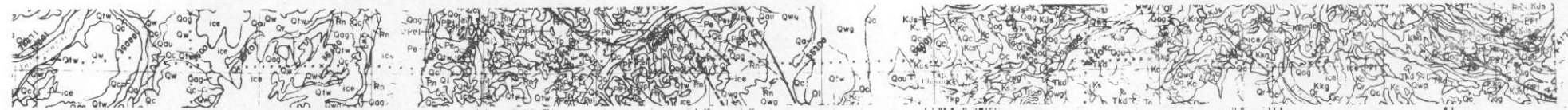


P 21

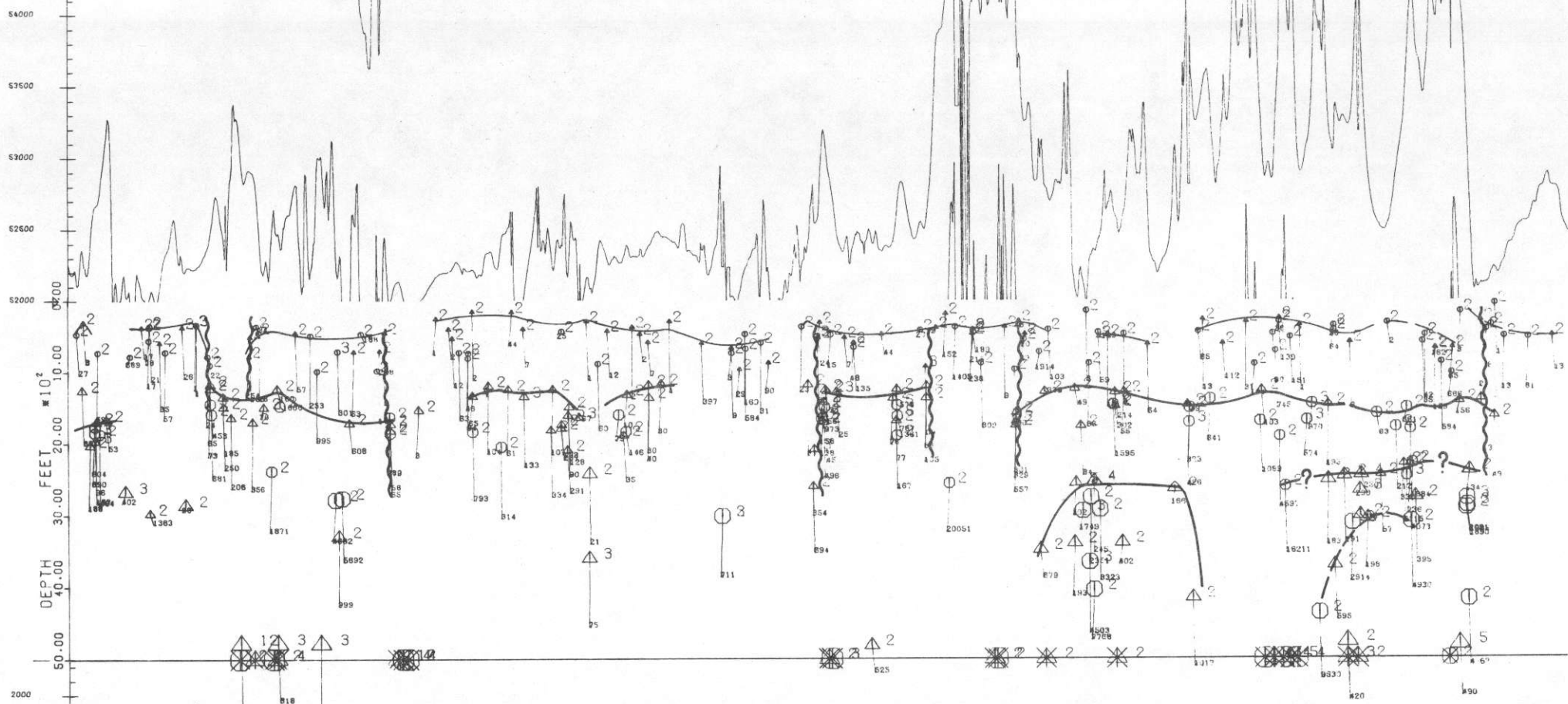
↑ EXCEEDS ALTITUDE SPECIFICATIONS



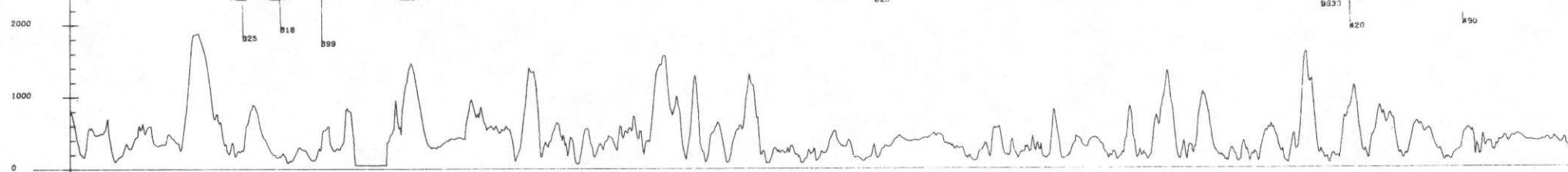
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY	
NABESNA, ALASKA MAGNETIC AND ANCILLARY STACKED PROFILE DATA 1976-1978	
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006	
PREPARED FOR DEPARTMENT OF ENERGY	



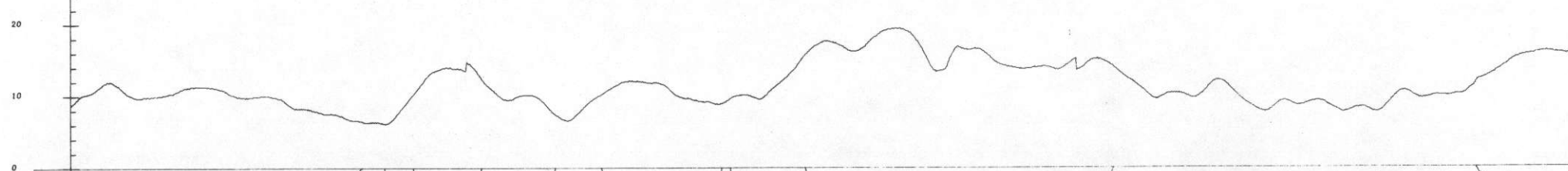
MAG
100 GAMMAS/DIV



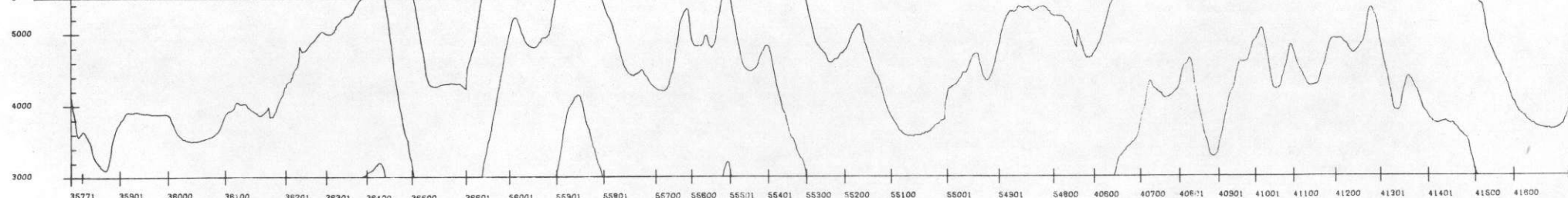
ALT
200 FT/DIV



TEMP
2.000 DEGREES/DIV

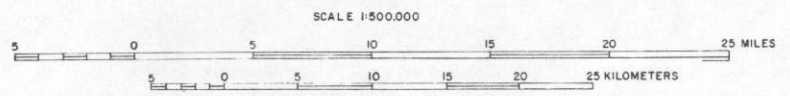


BAR ALT
200 FT/DIV



P 22

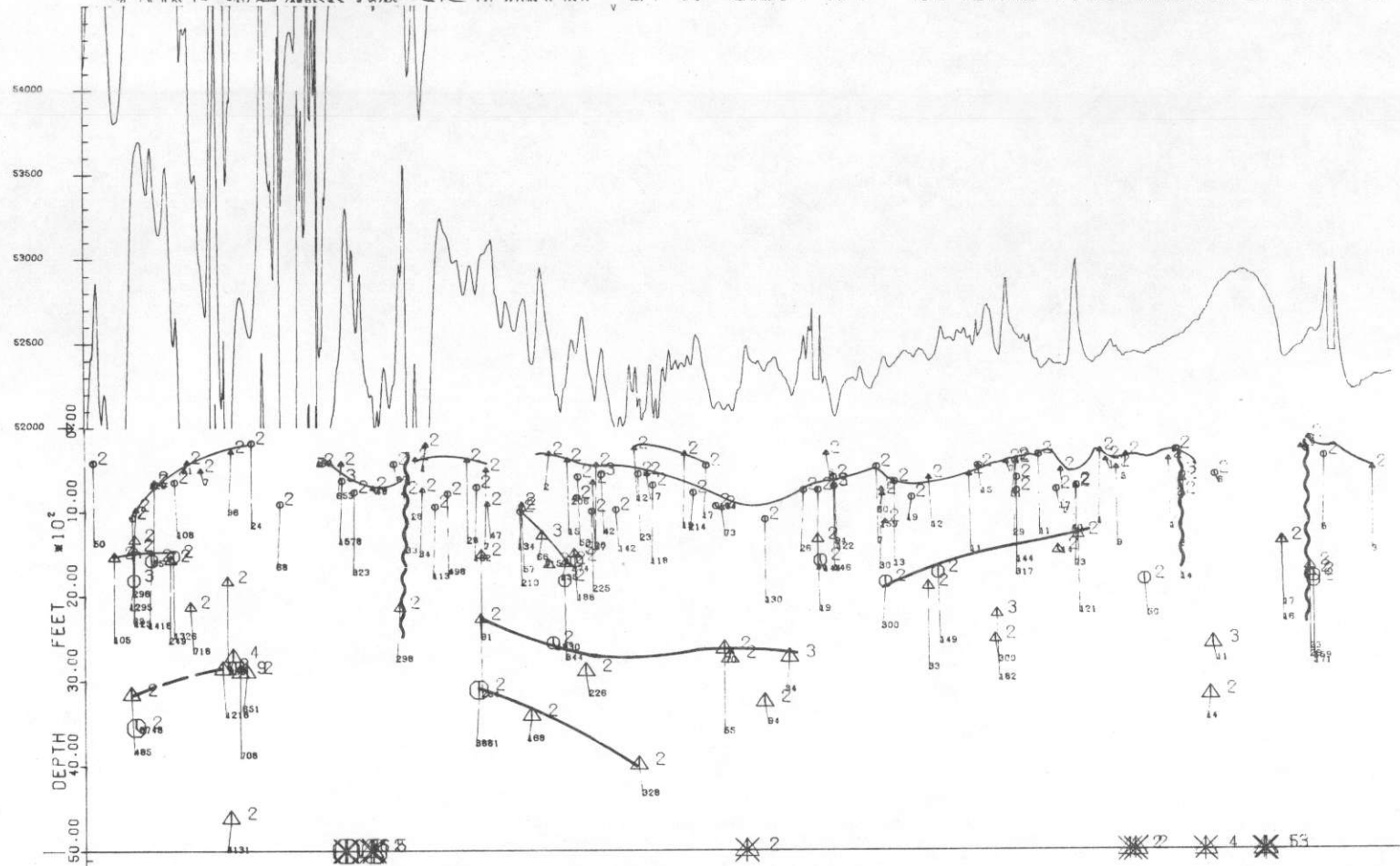
↑ EXCEEDS ALTITUDE SPECIFICATIONS



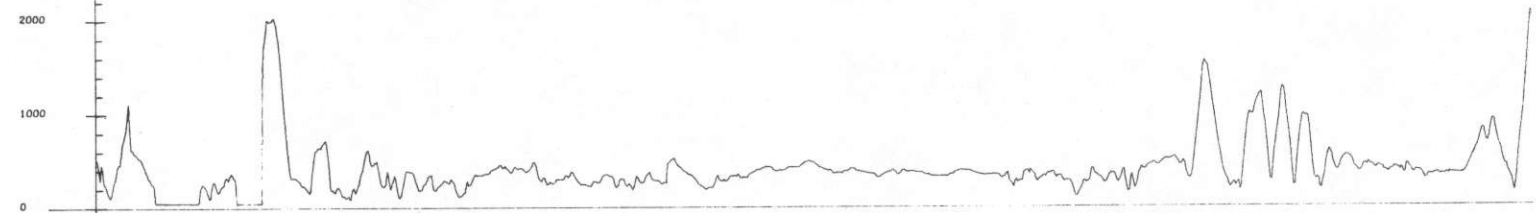
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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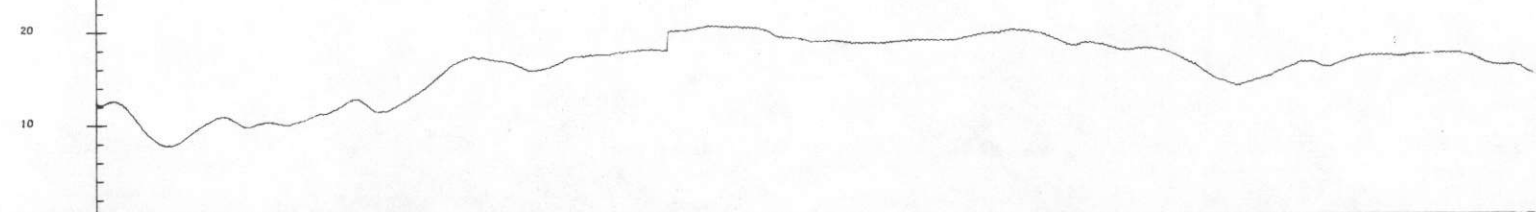
MAG
100 GAMMAS/DIV



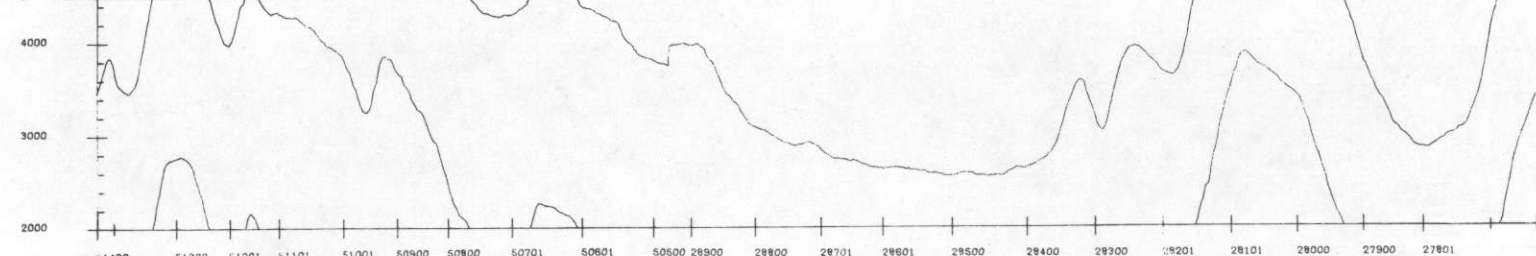
ALT
200 FT/DIV



TEMP
2.00 DEGREES/DIV

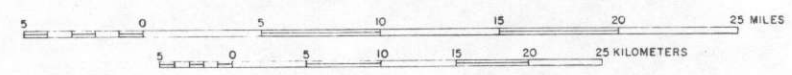


BAR ALT
200 FT/DIV



TL 200

SCALE 1:500,000

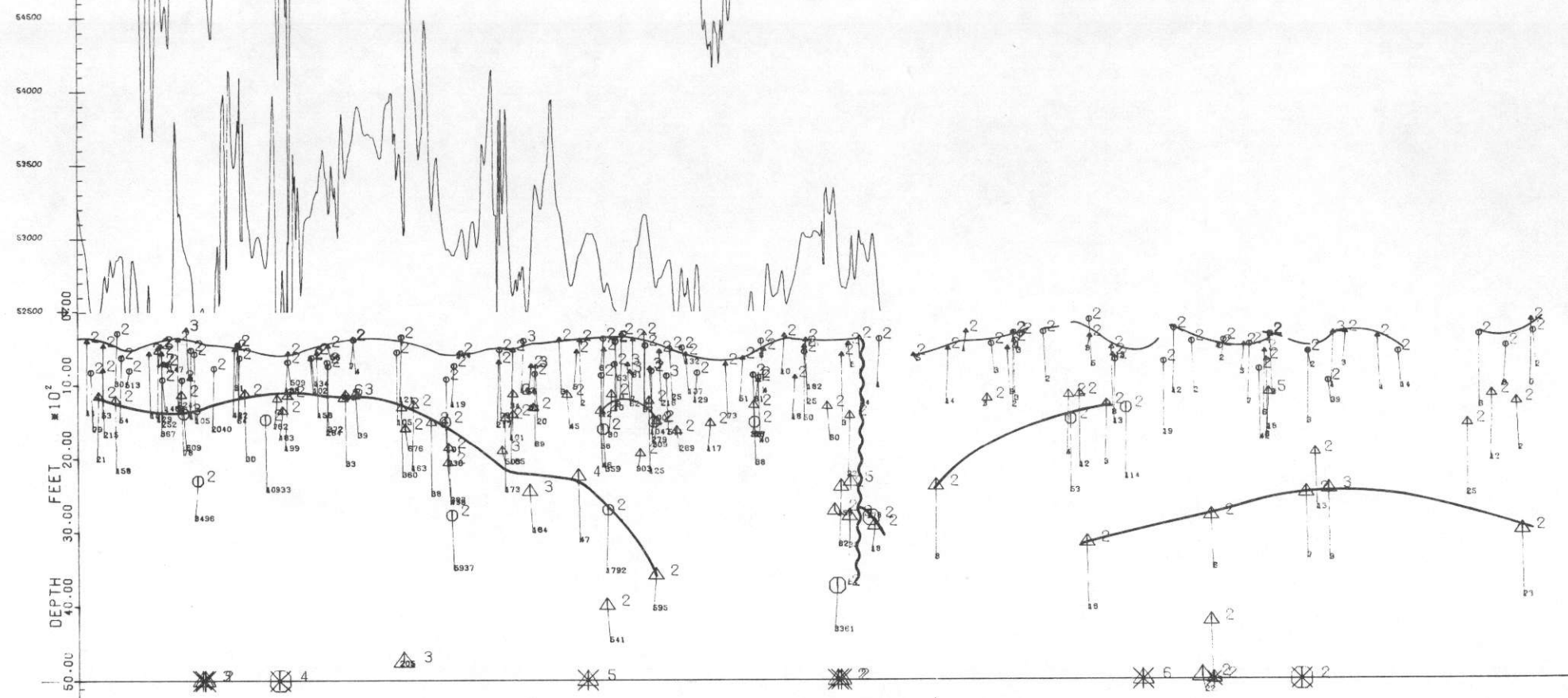


↑ EXCEEDS ALTITUDE SPECIFICATIONS

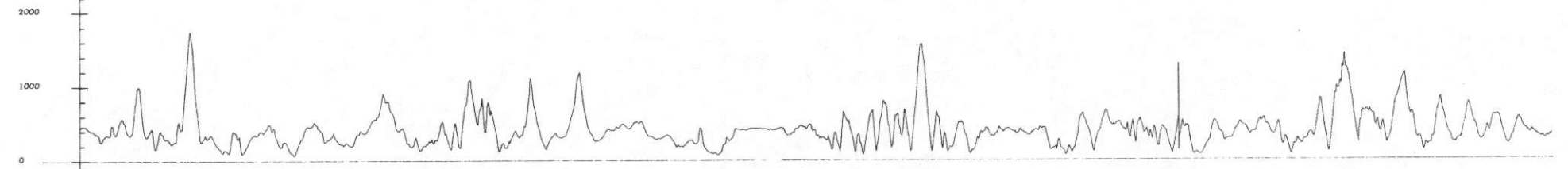
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
NABESNA, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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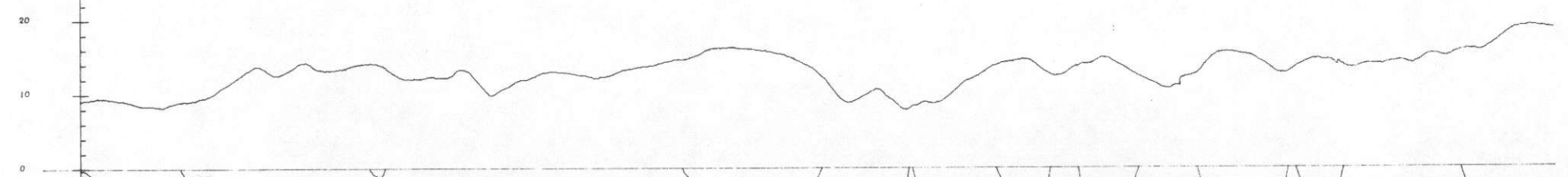
MAG
100 GAMMAS/DIV



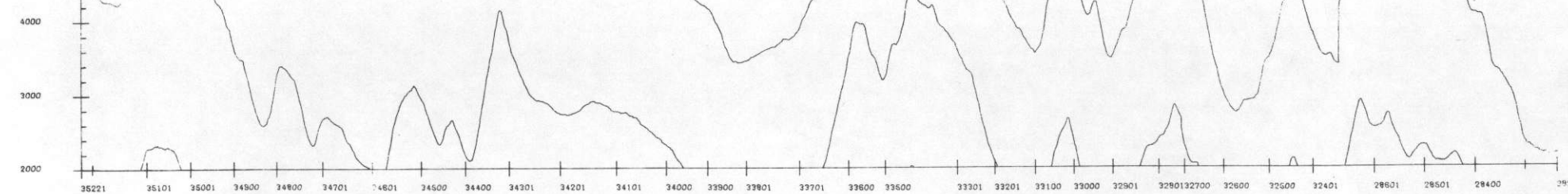
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TEMP
2.000 DEGREES/DIV

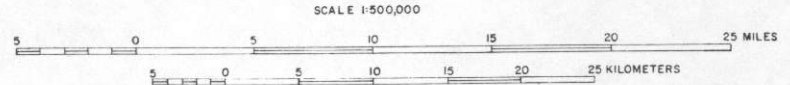


BAR ALT
200 FT/DIV



TL 201

↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

NABESNA, ALASKA

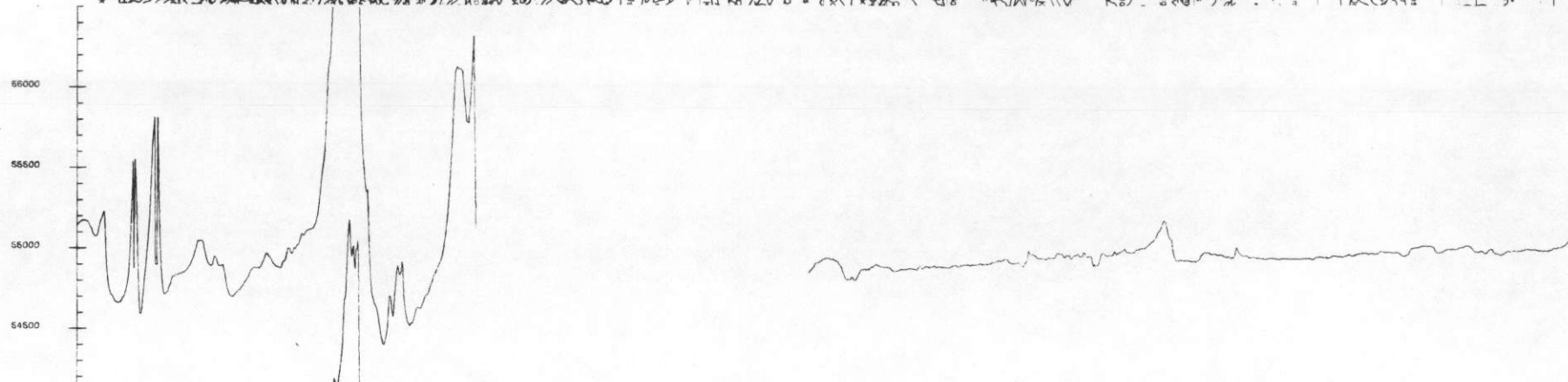
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

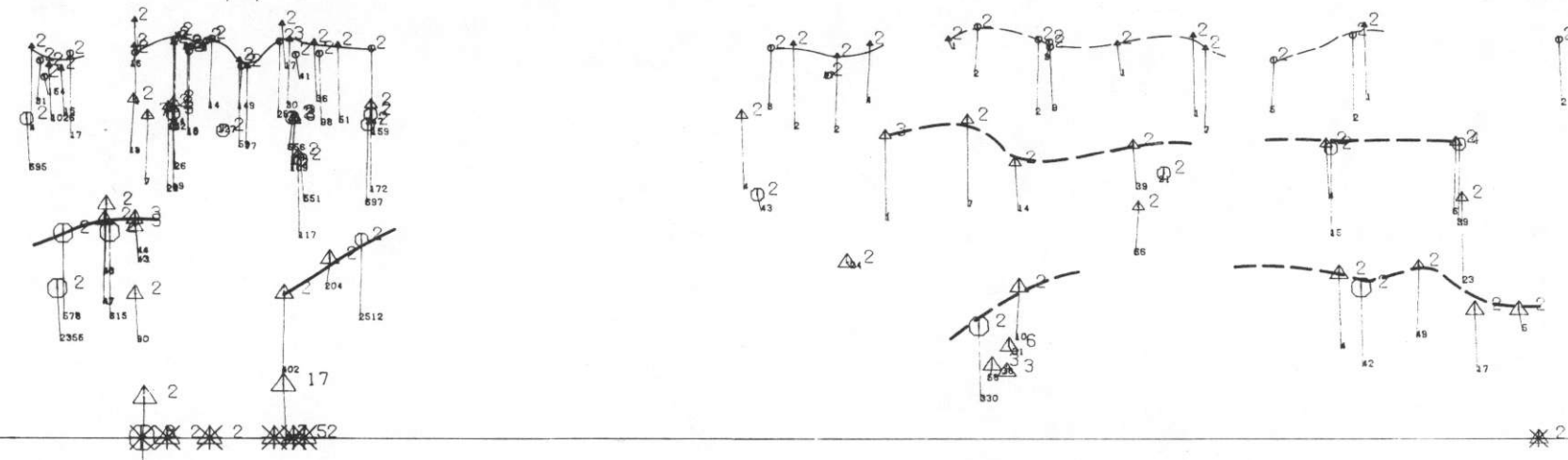
PREPARED FOR
DEPARTMENT OF ENERGY



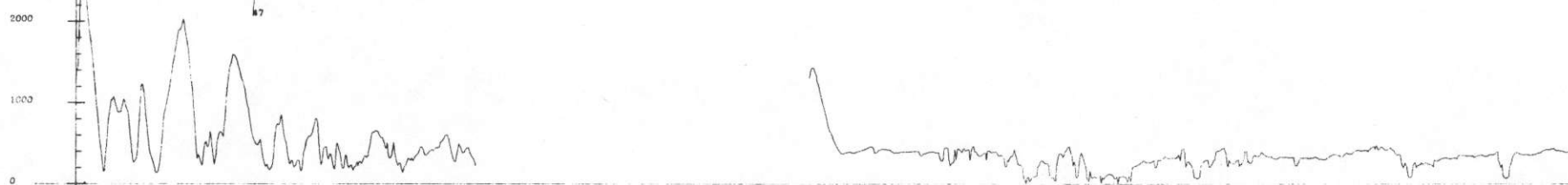
MAG
100 GAMMAS/DIV



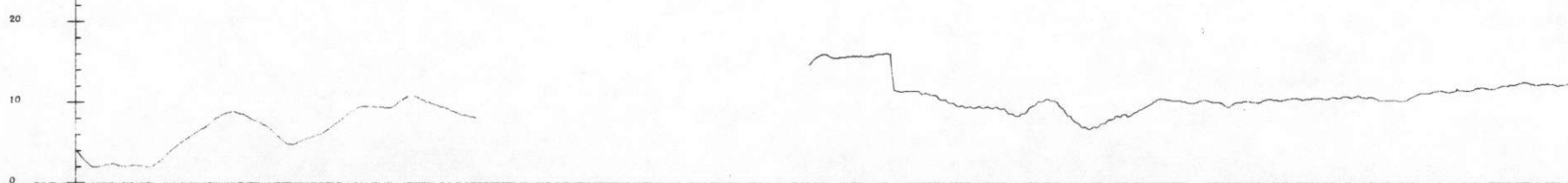
DEPTH
FEET
10.00
20.00
30.00
40.00
50.00



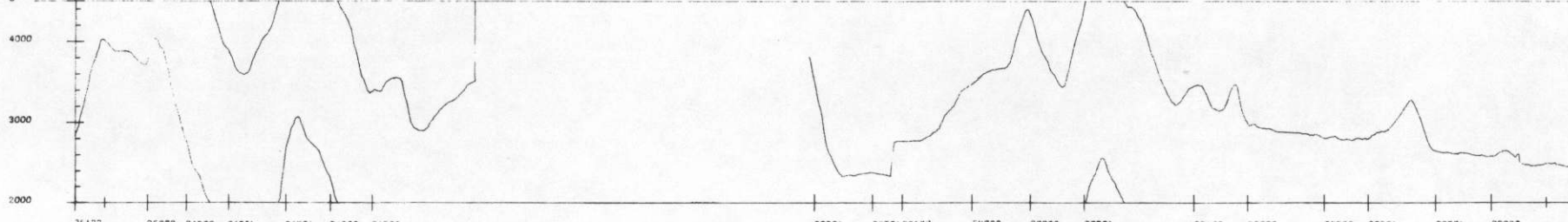
ALT
200 FT/DIV



TEMP
2.00 DEGREES/DIV



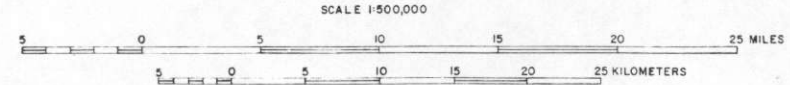
BAR ALT
200 FT/DIV



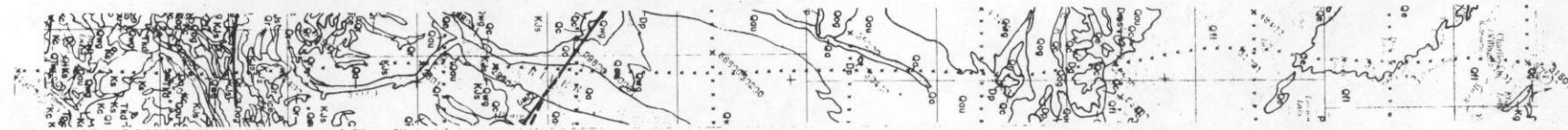
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TL 202

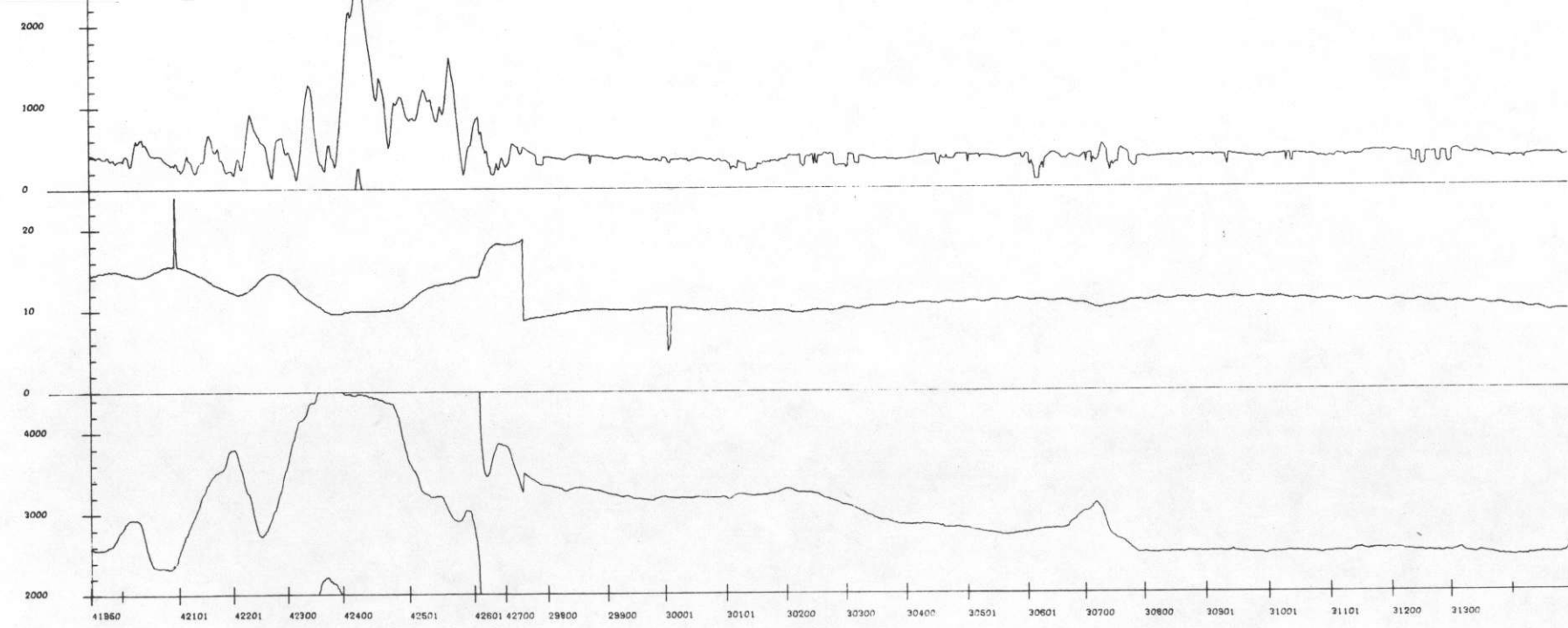
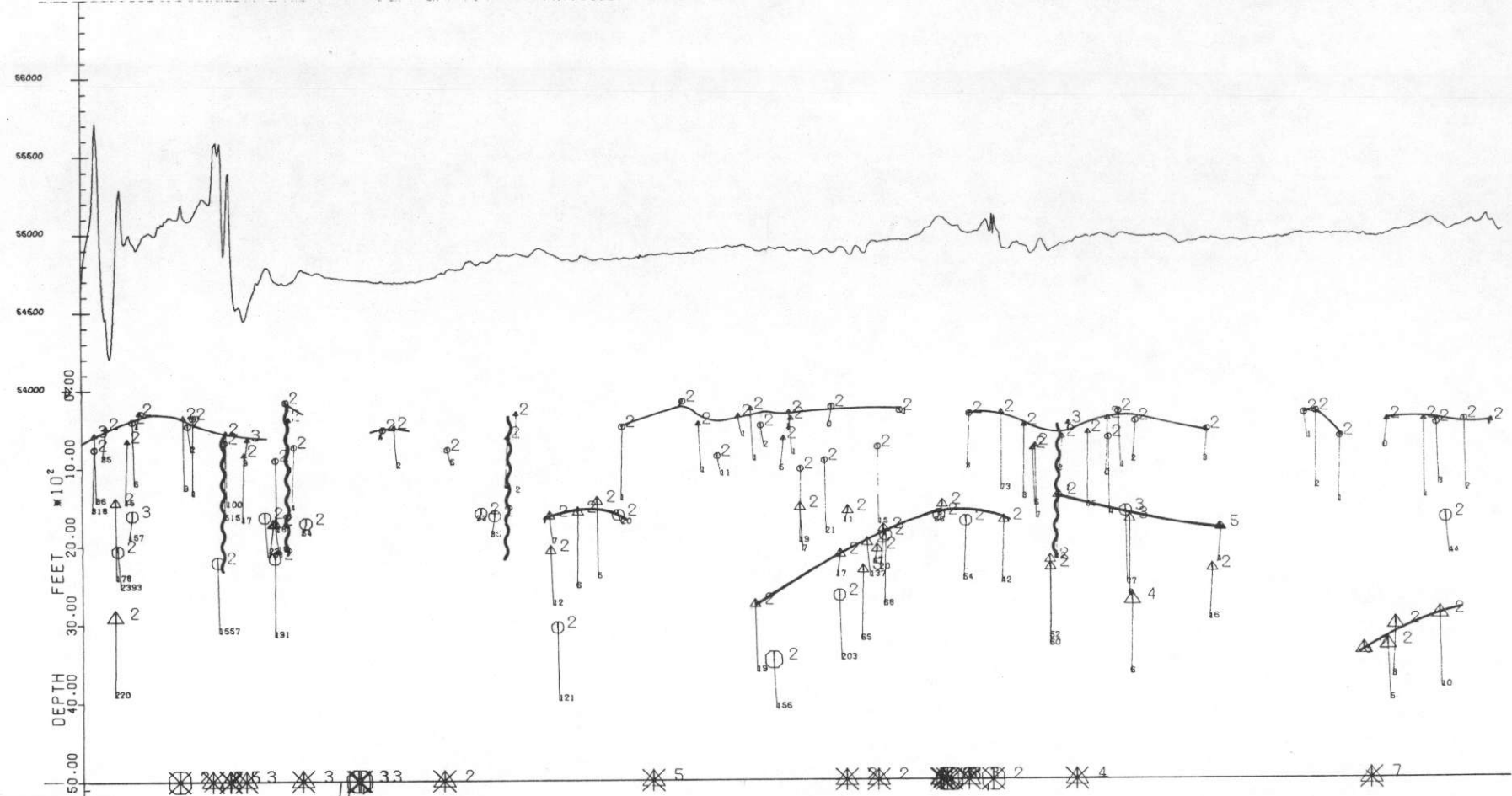
↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
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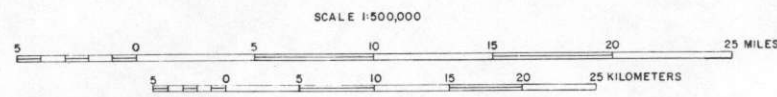


MAG
100 GAMMAS/DIV



TL 203

↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

NABESNA, ALASKA

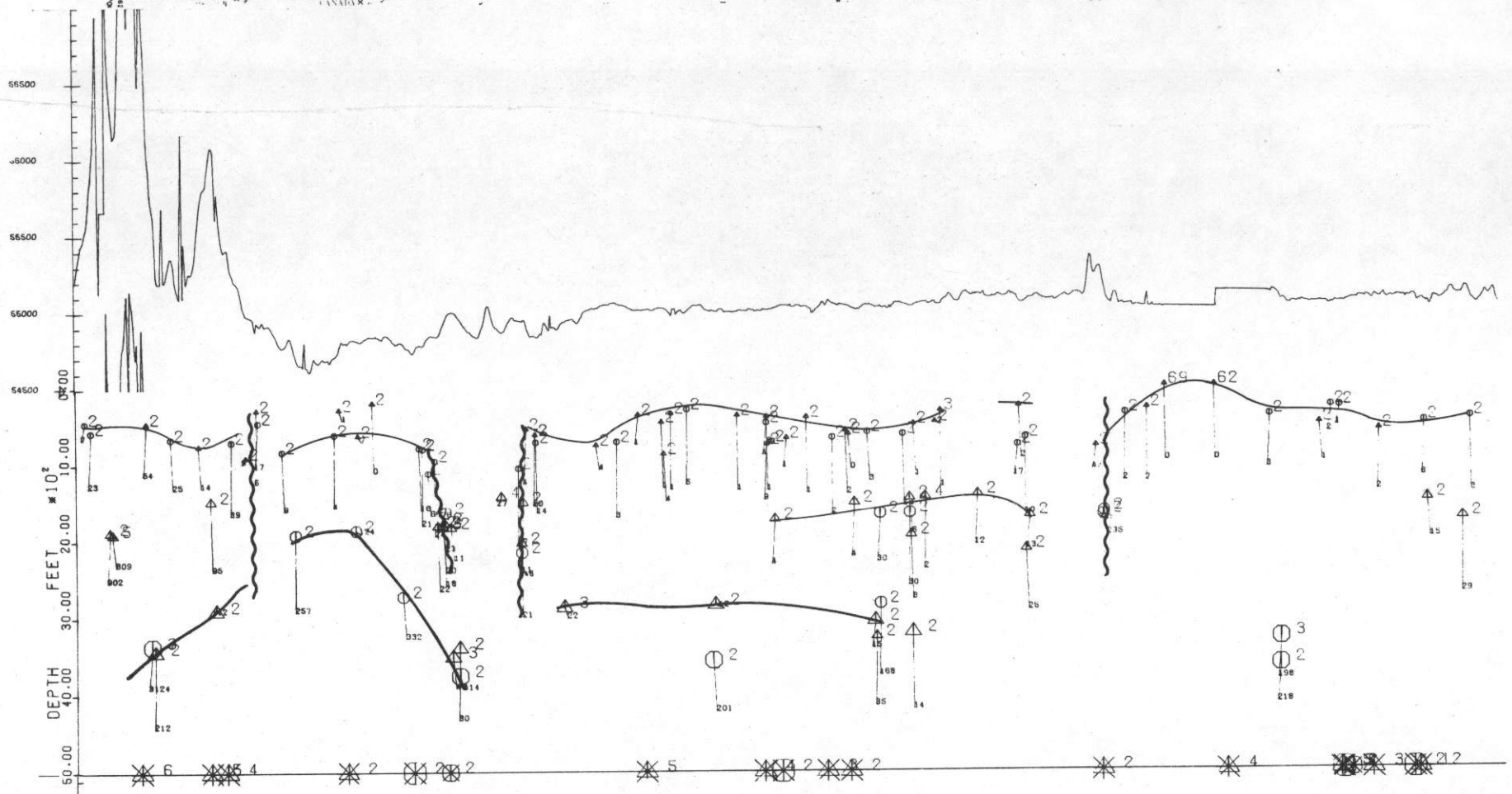
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

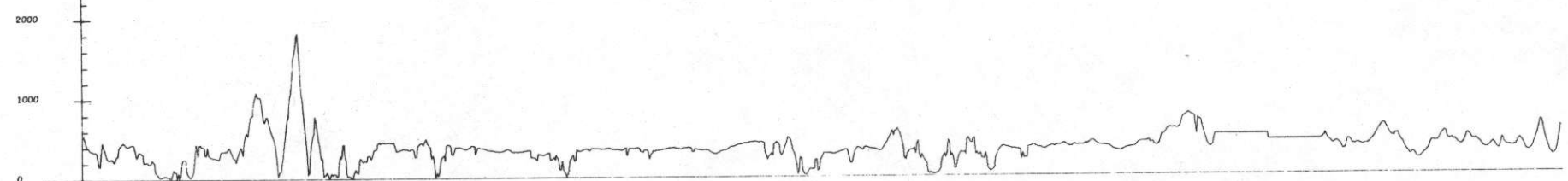
PREPARED FOR
DEPARTMENT OF ENERGY



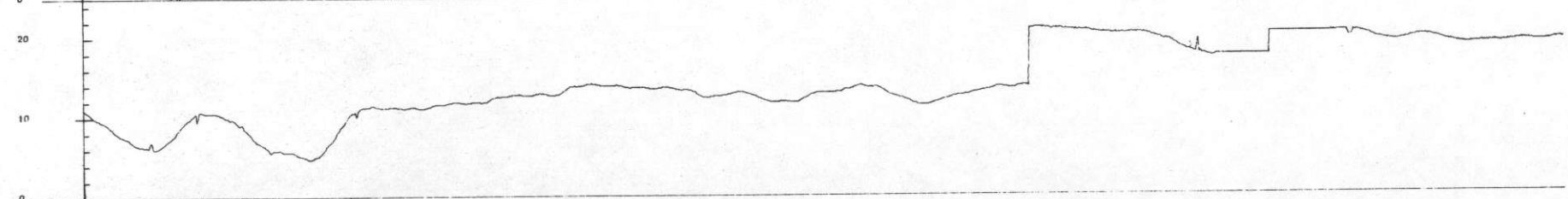
MAG
100 GAMMAS/GIV



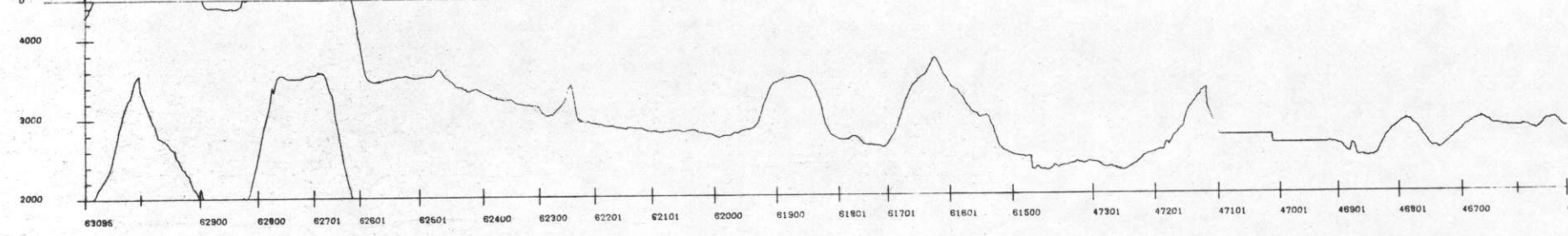
ALT
200 FT/01V



TEMP
2.00 DEGREES/01V

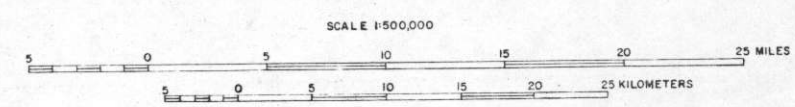


BAR ALT
200 FT/01V

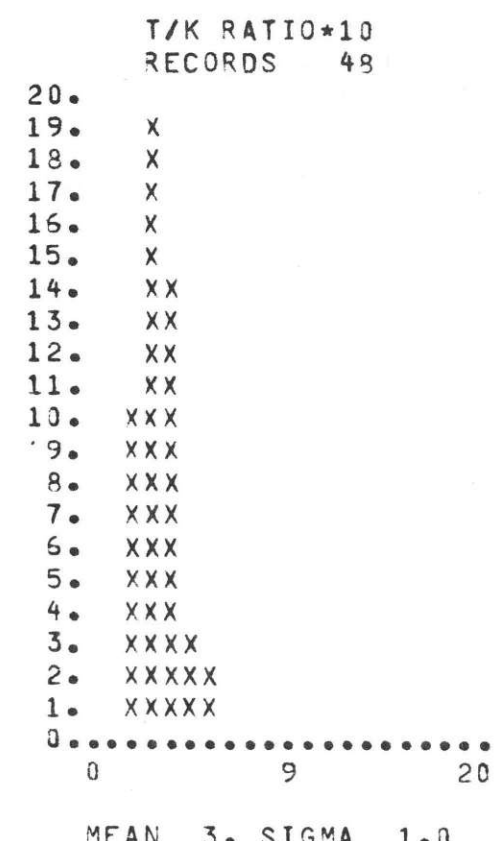
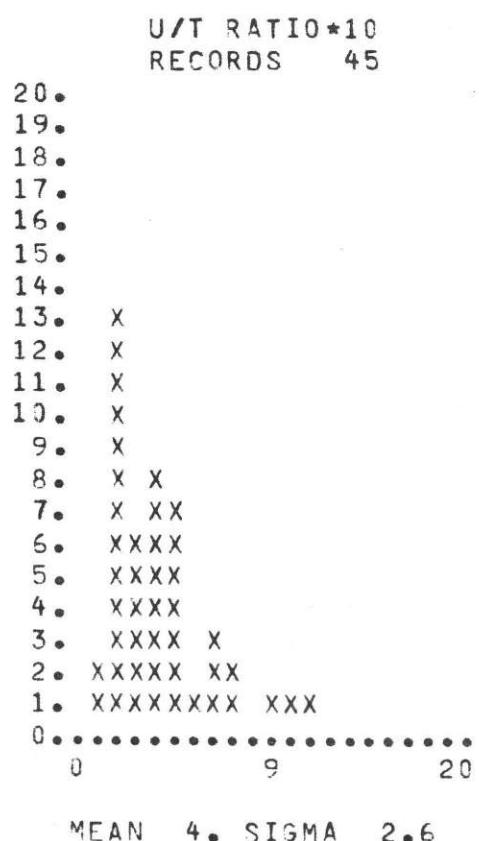
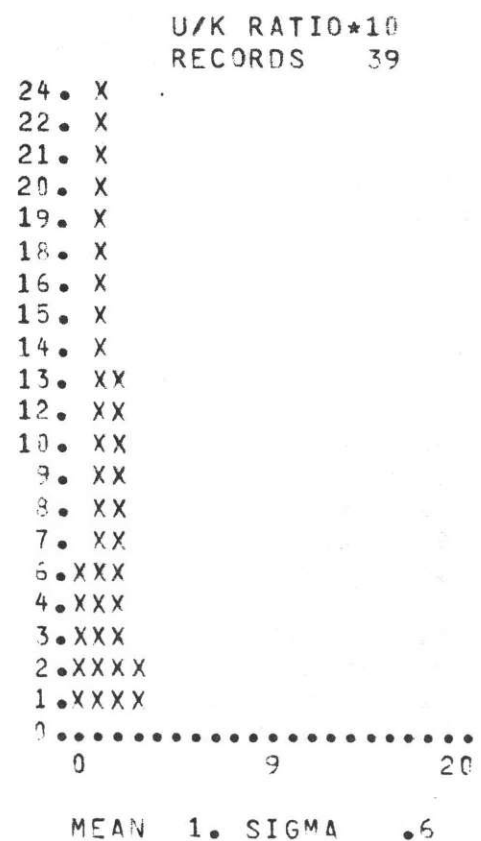
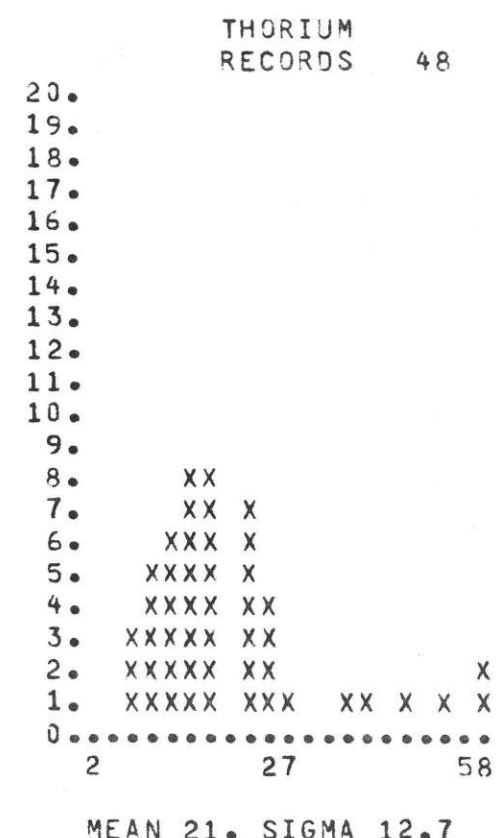
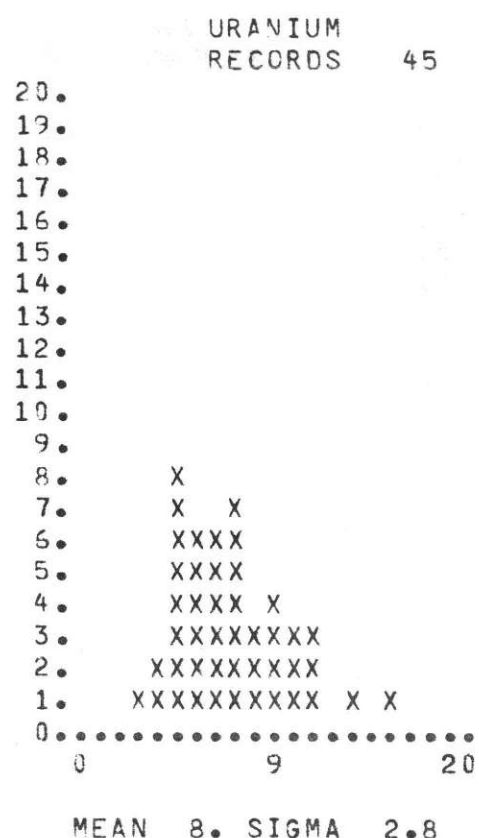
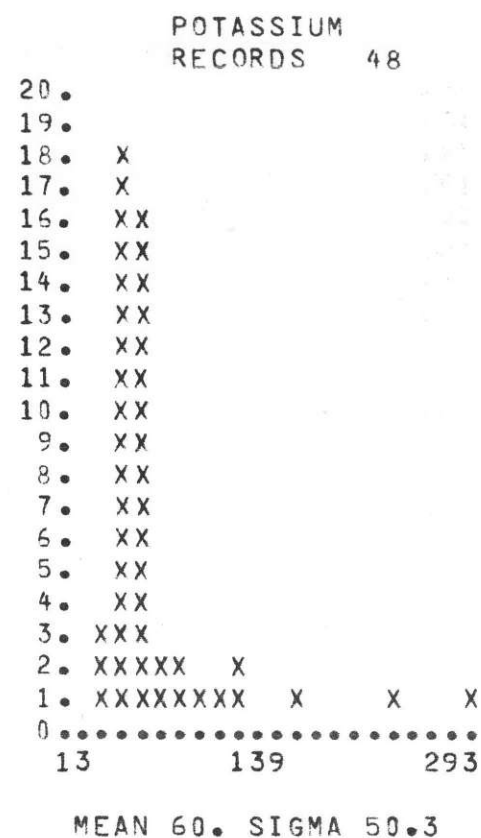


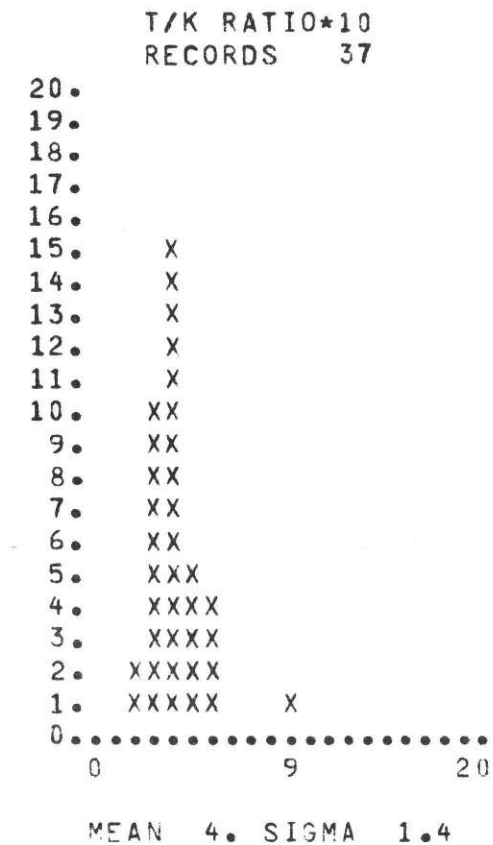
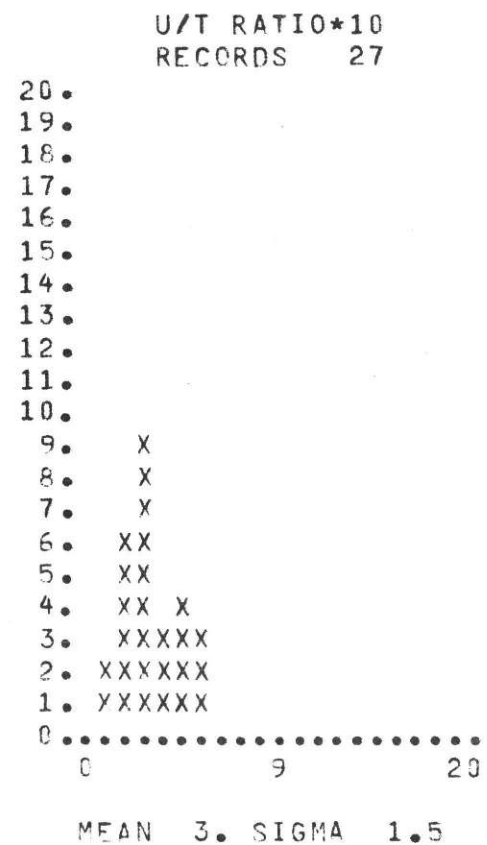
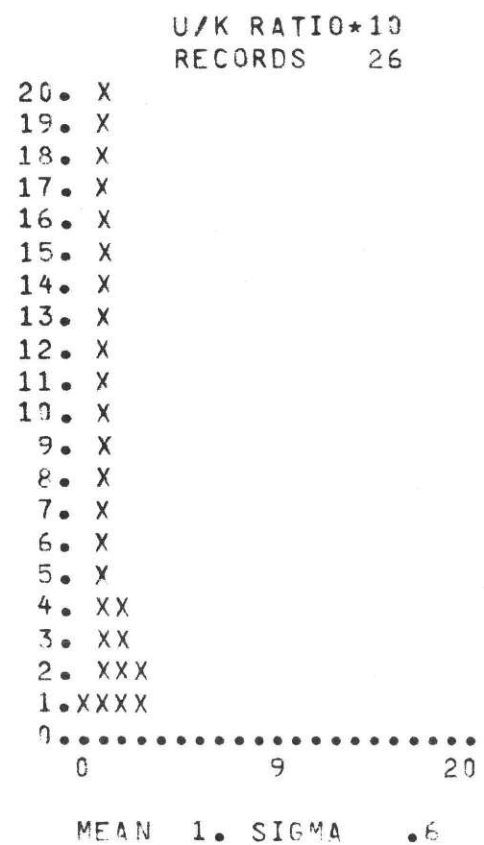
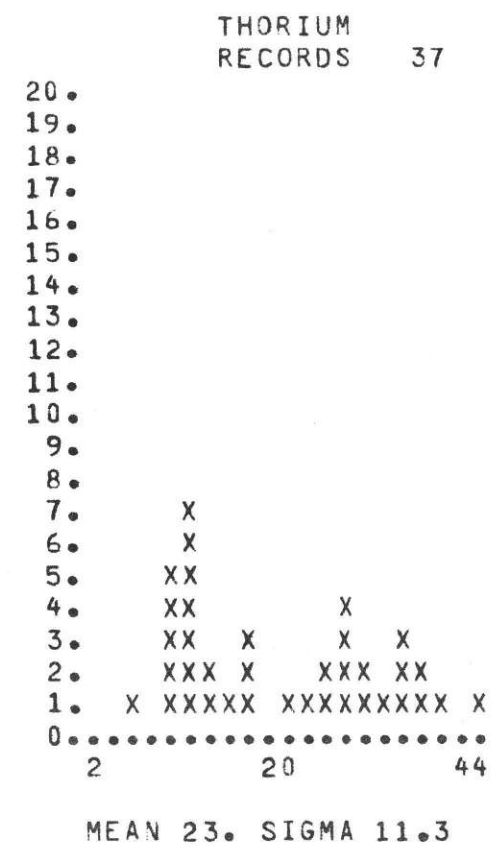
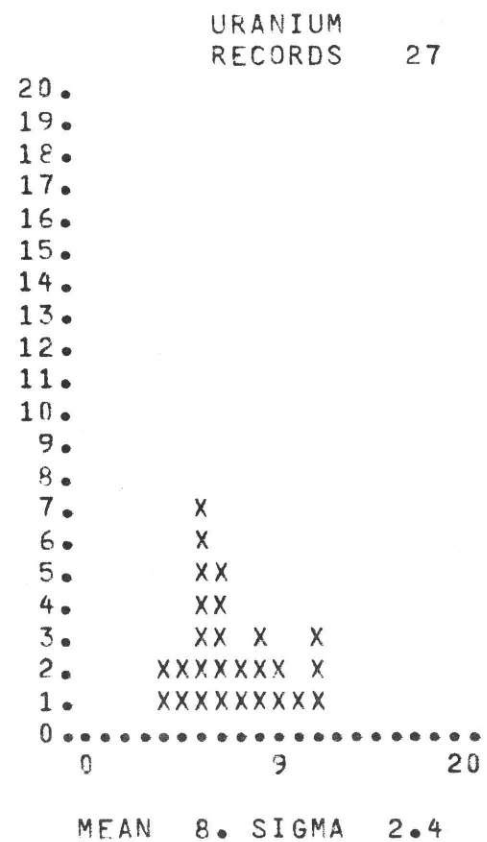
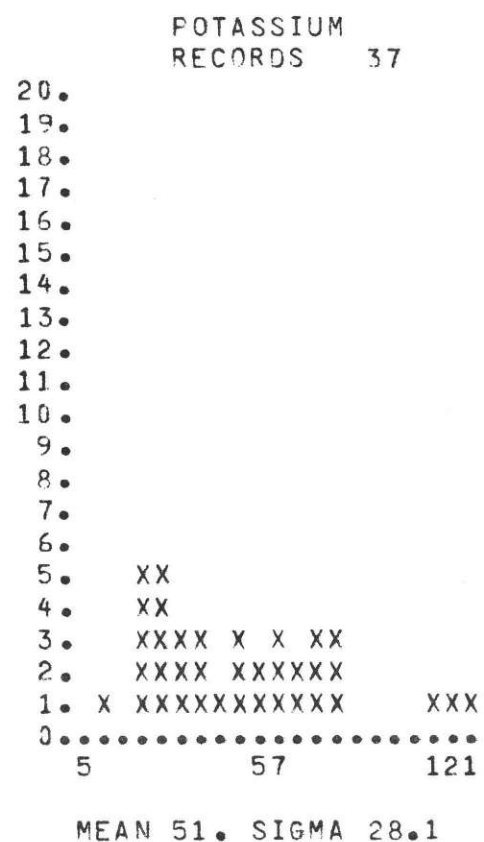
TL 204

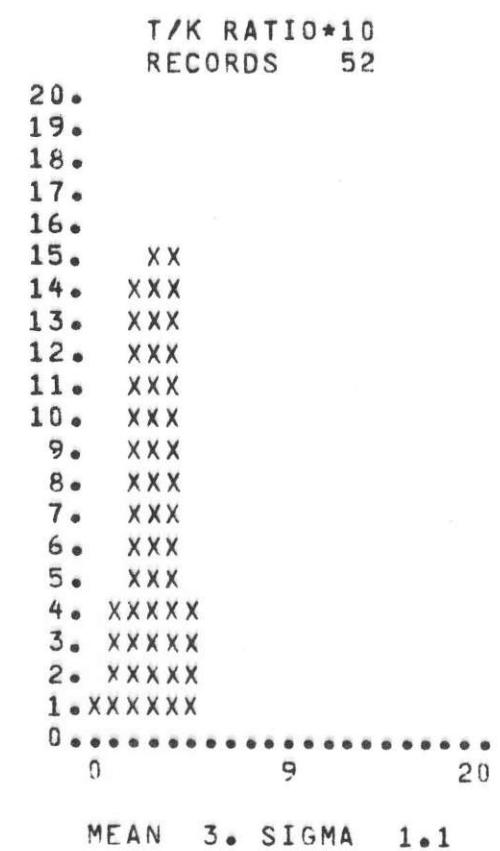
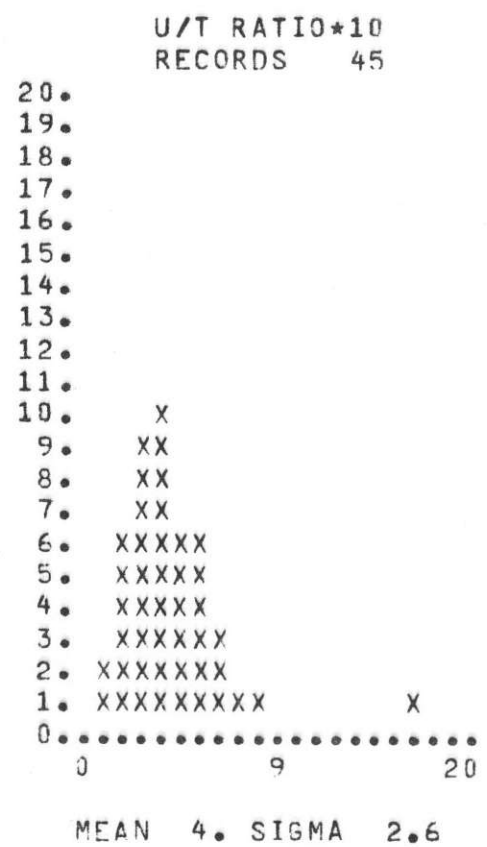
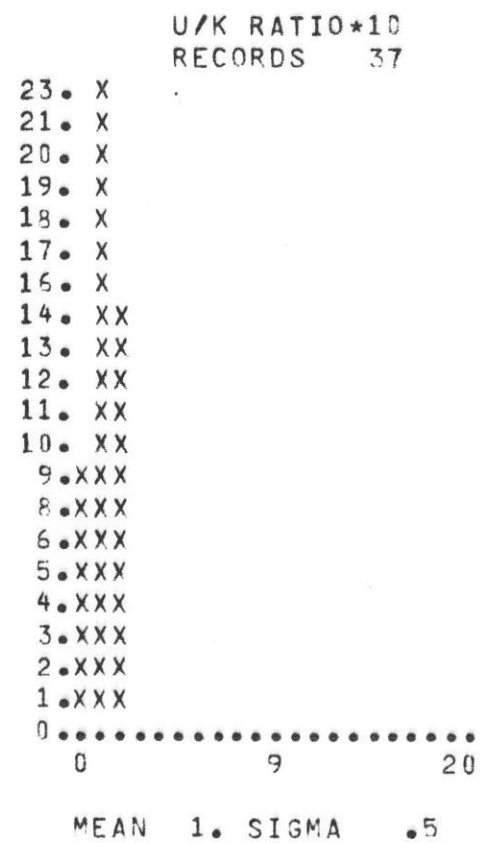
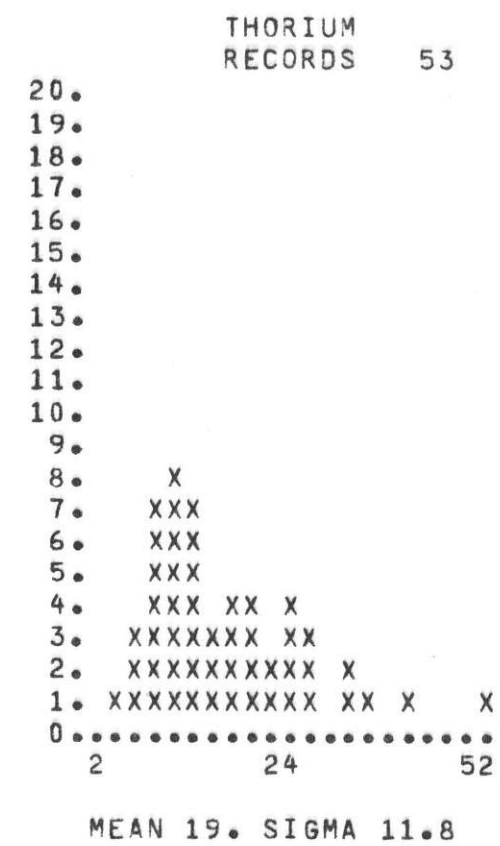
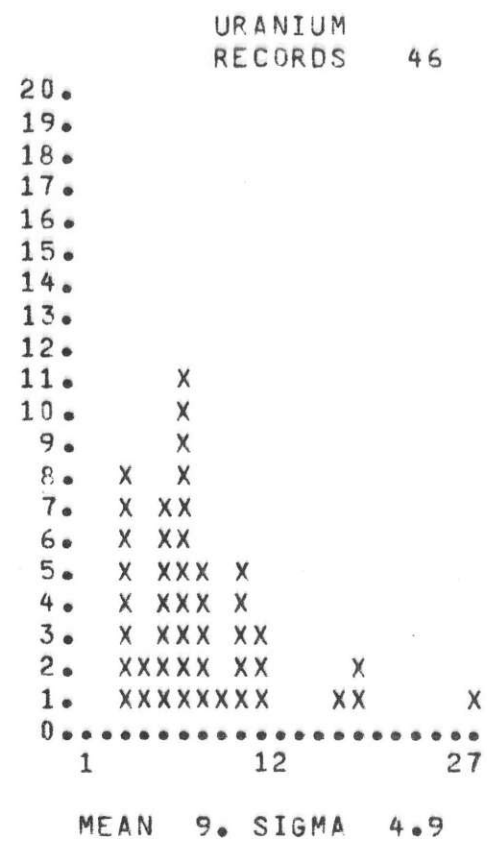
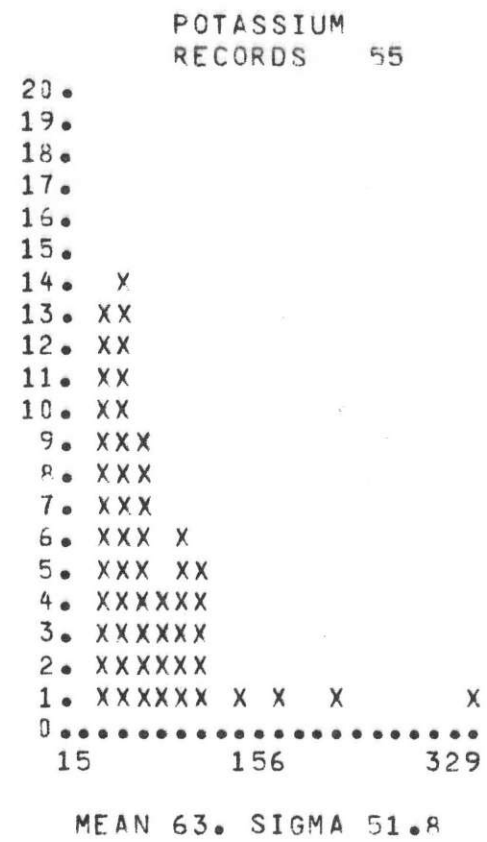
↑ EXCEEDS ALTITUDE SPECIFICATIONS

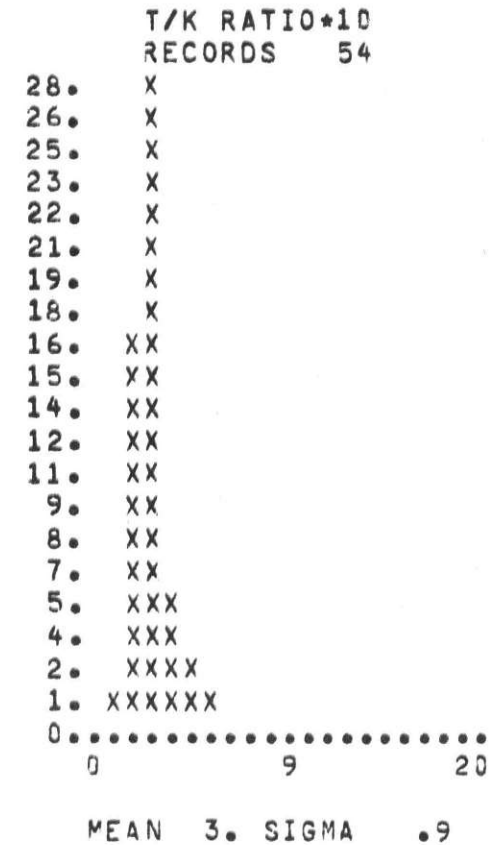
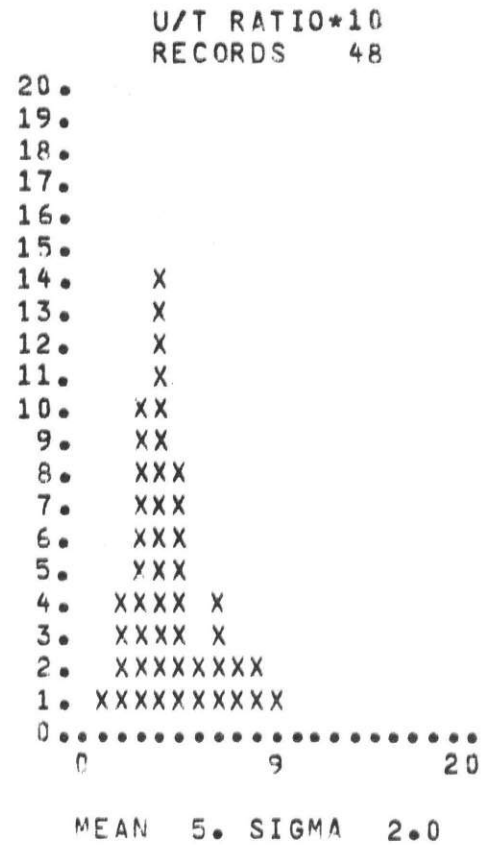
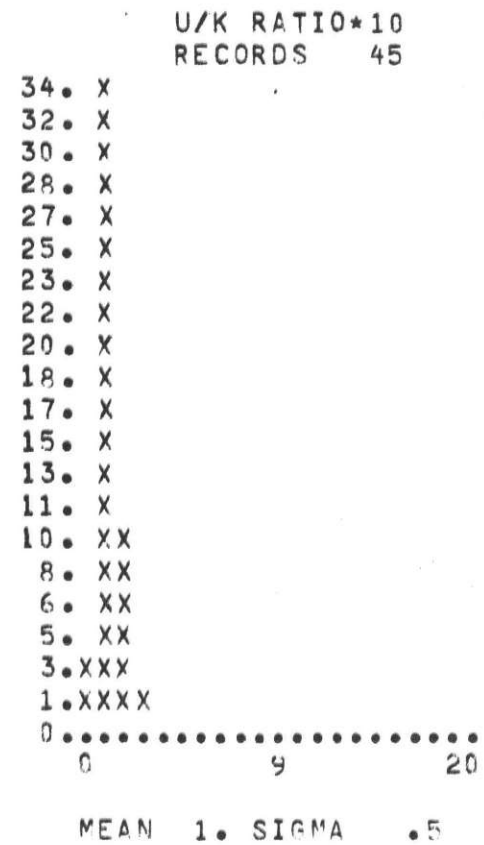
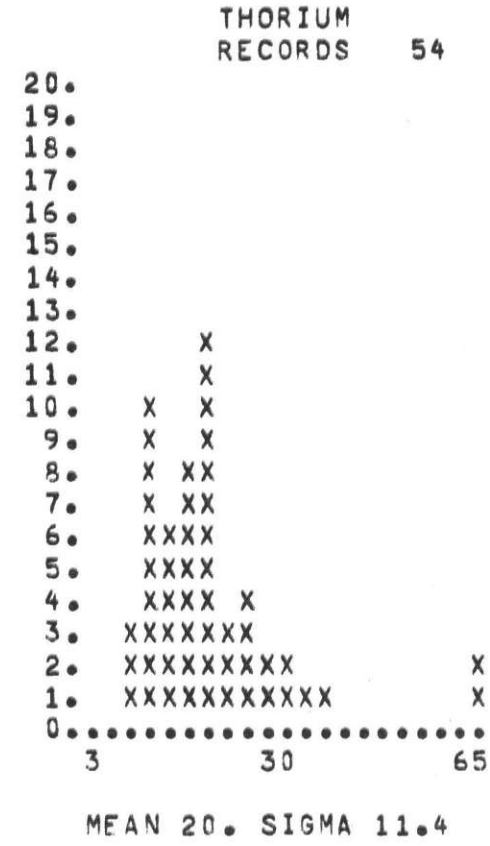
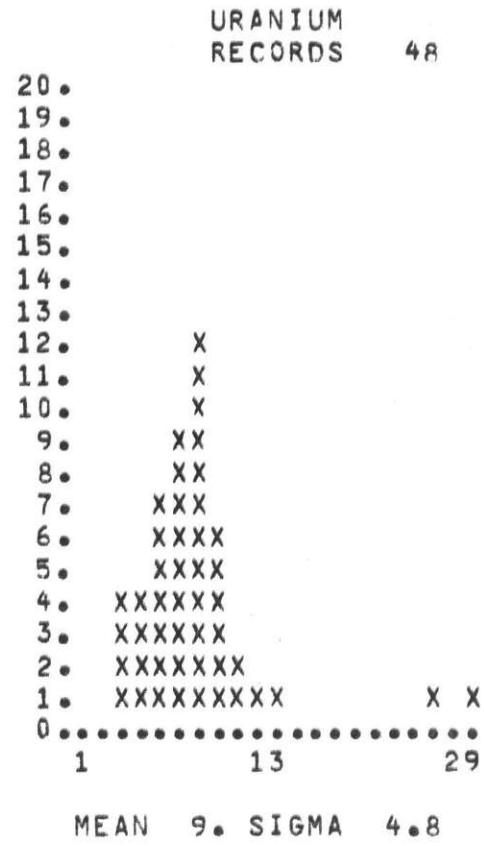
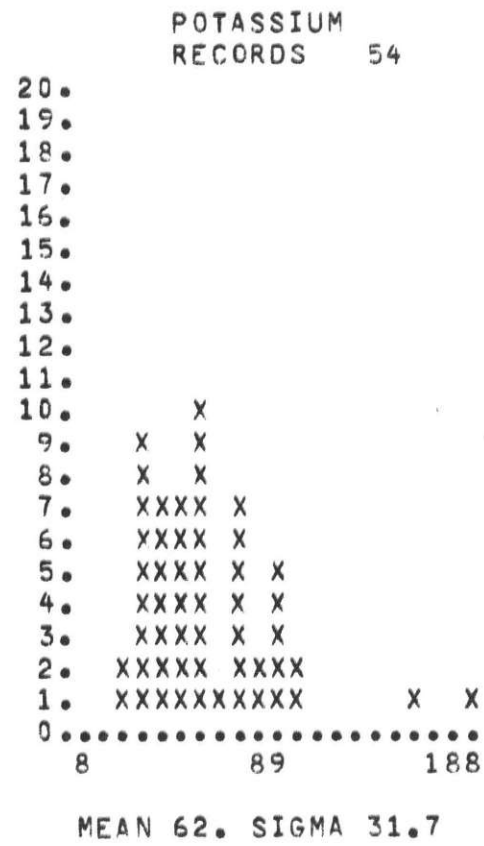


NURE AERIAL GAMMA RAY AND MAGNETIC
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PREPARED FOR
DEPARTMENT OF ENERGY

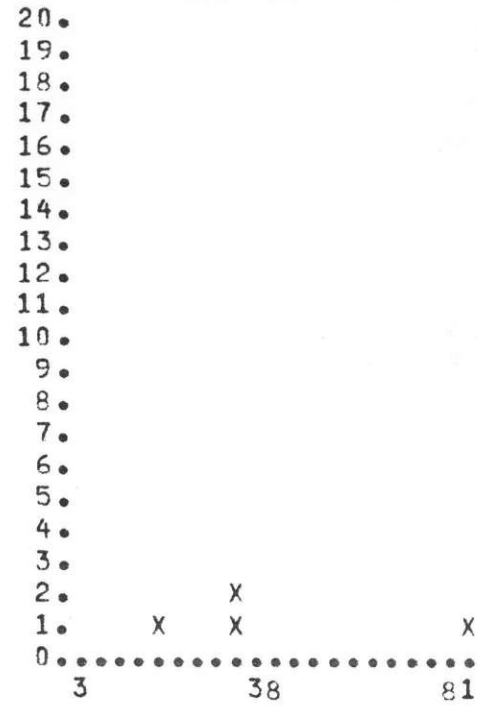






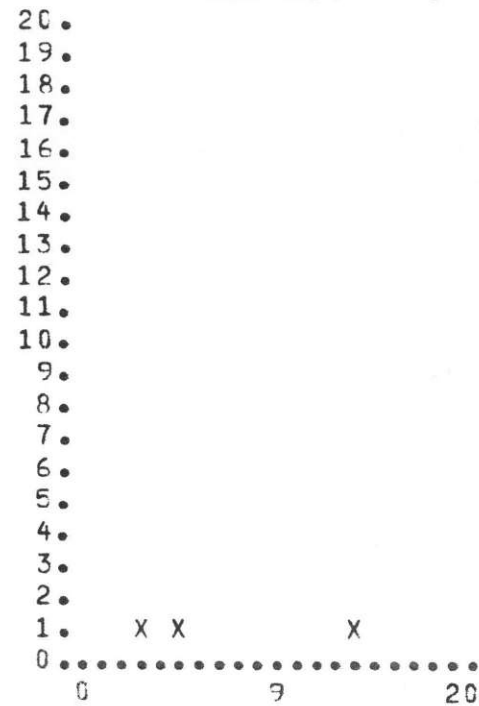


POTASSIUM RECORDS 4



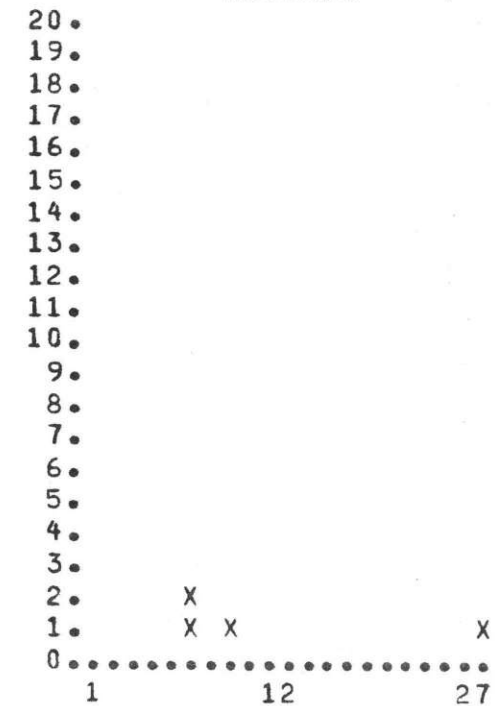
MEAN 42. SIGMA 28.5

URANIUM RECORDS 3



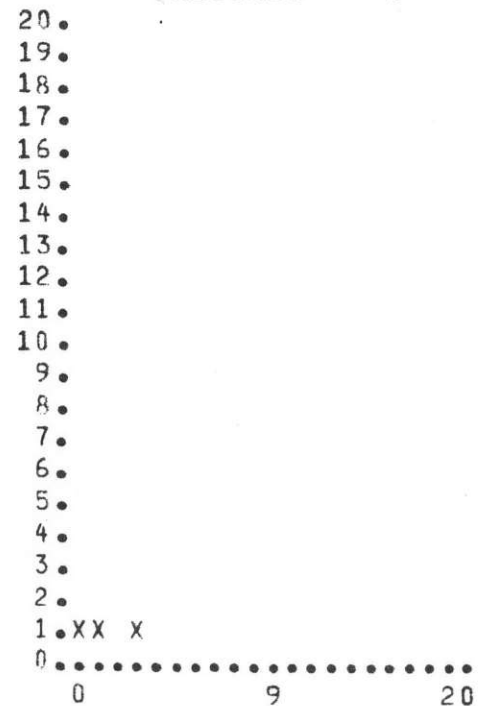
MEAN 7. SIGMA 5.9

THORIUM RECORDS 4



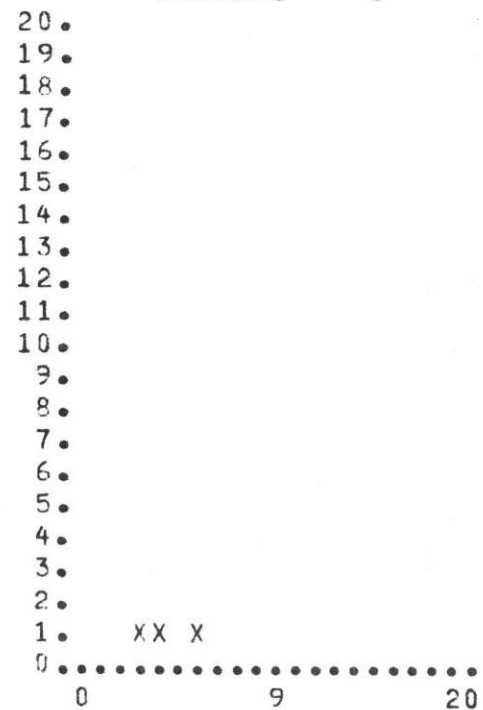
MEAN 14. SIGMA 10.2

U/K RATIO*10 RECORDS 2



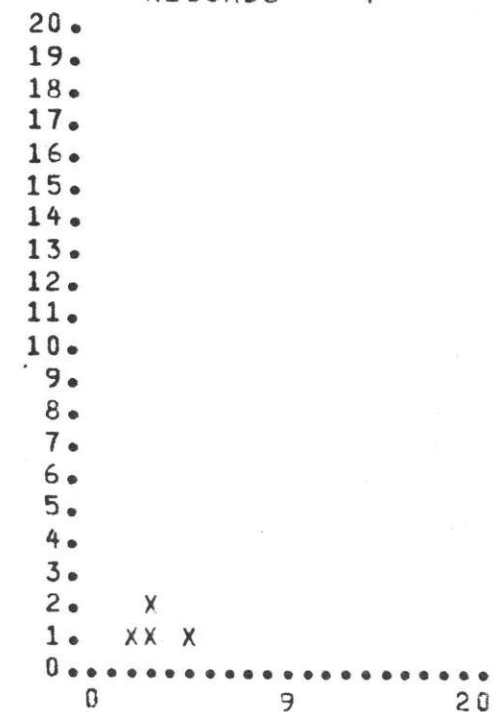
MEAN 2. SIGMA 1.4

U/T RATIO*10 RECORDS 3

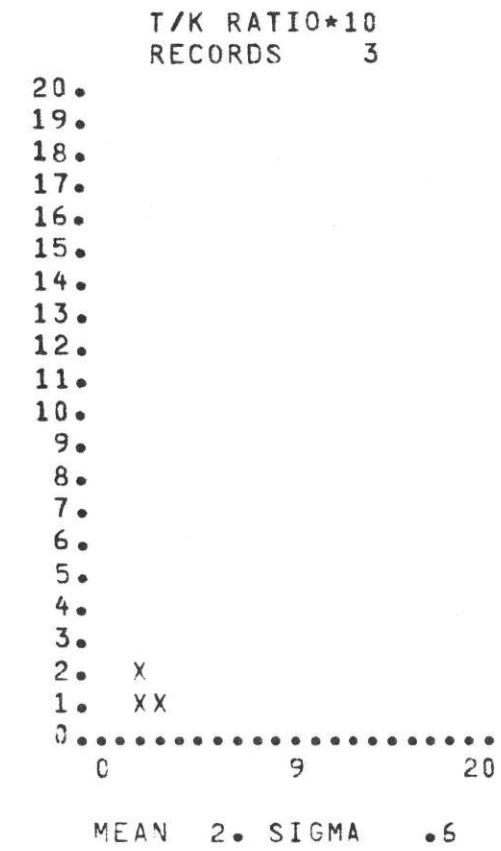
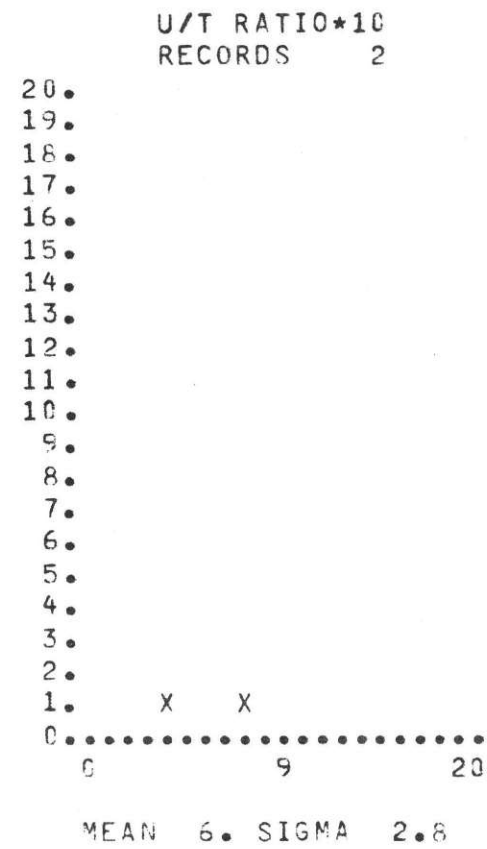
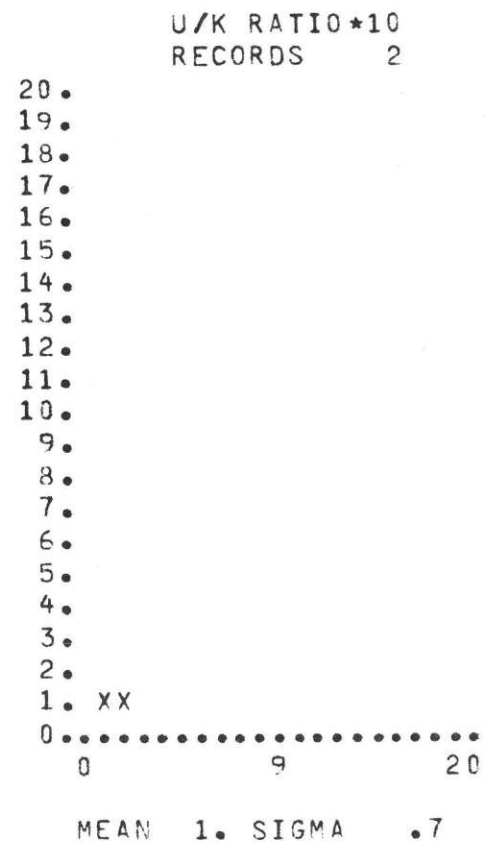
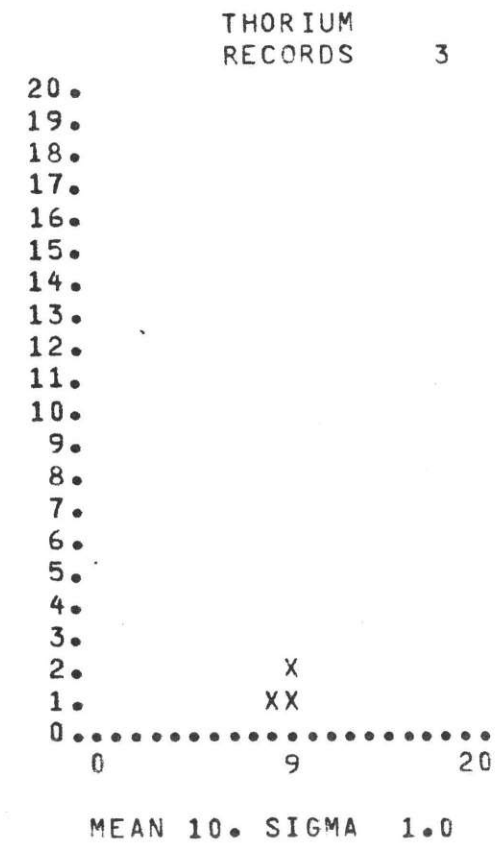
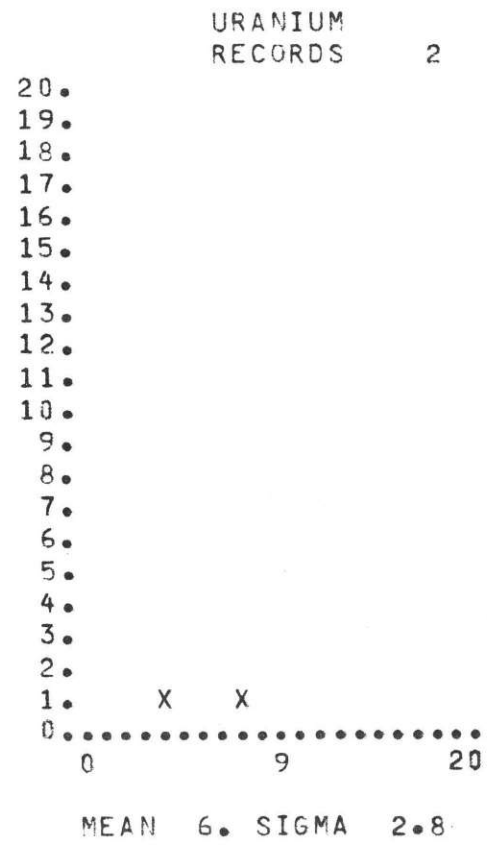
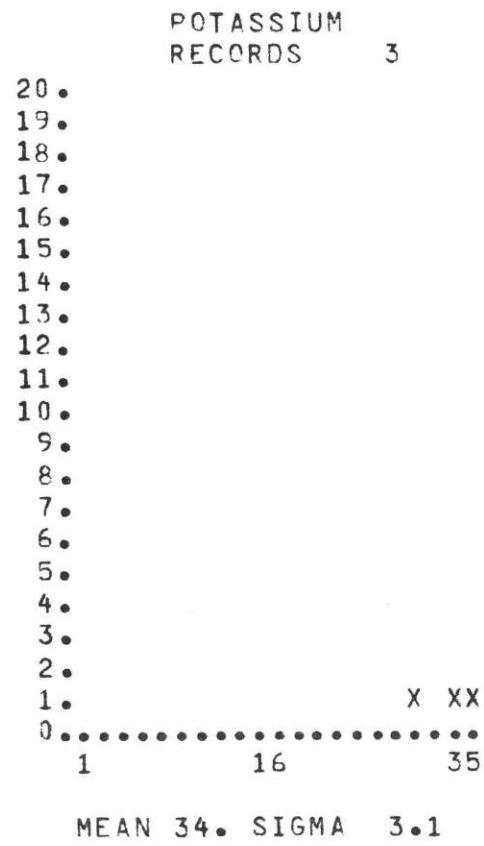


MEAN 4. SIGMA 1.5

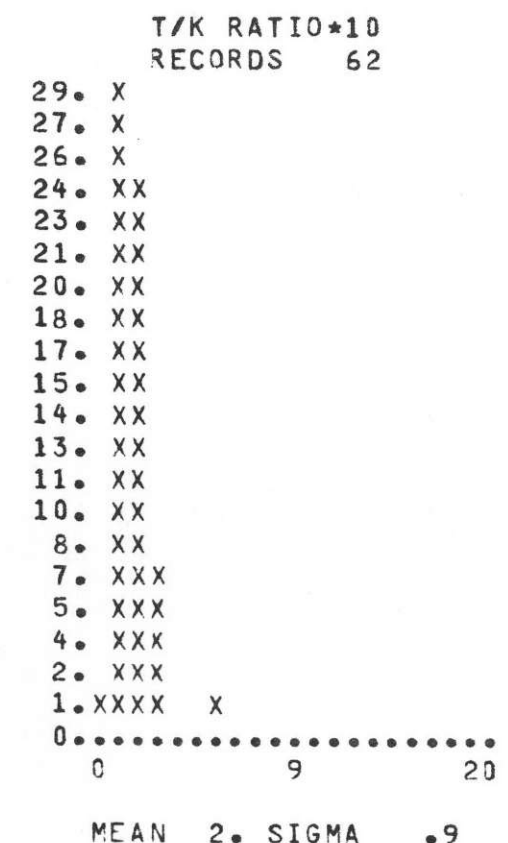
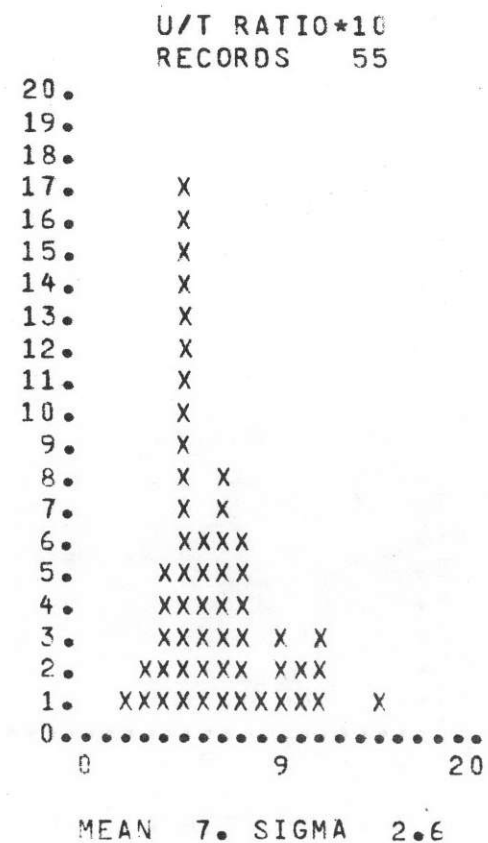
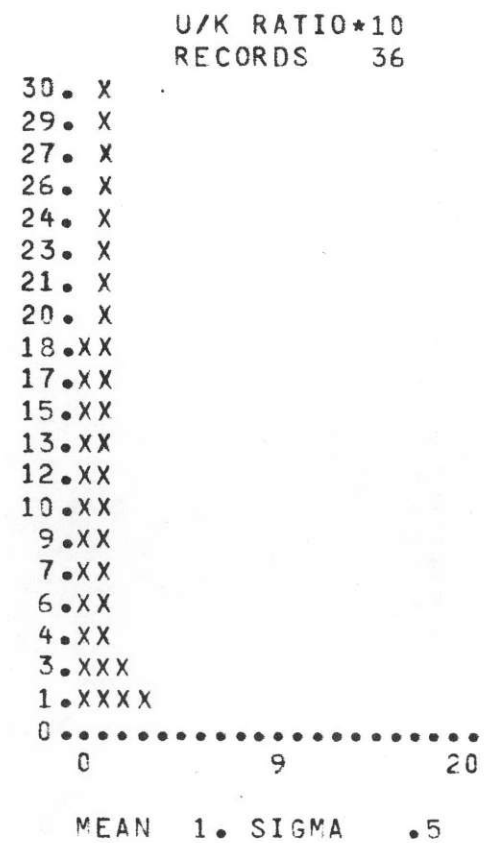
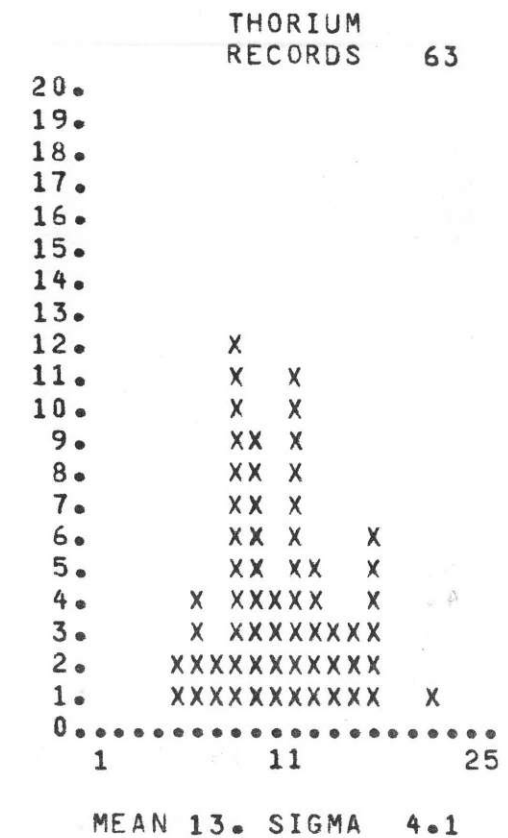
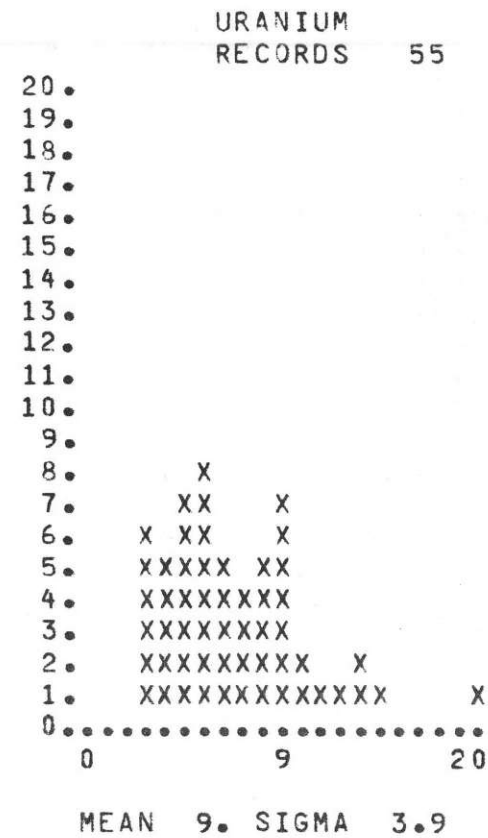
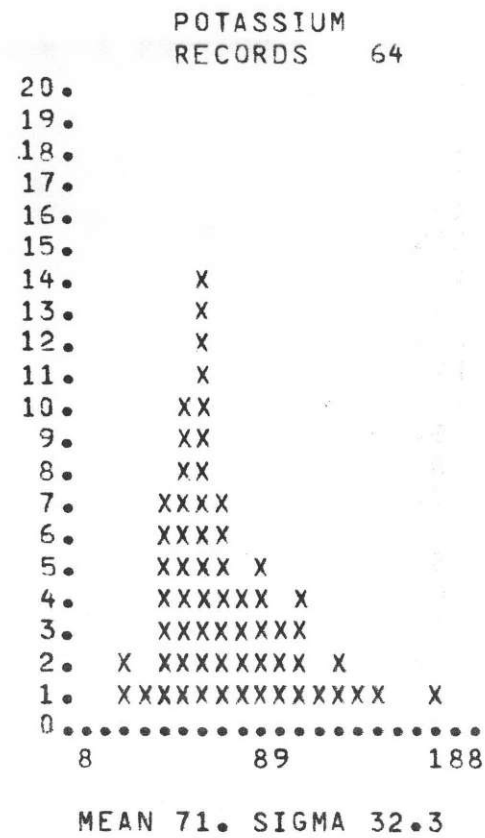
T/K RATIO*10 RECORDS 4

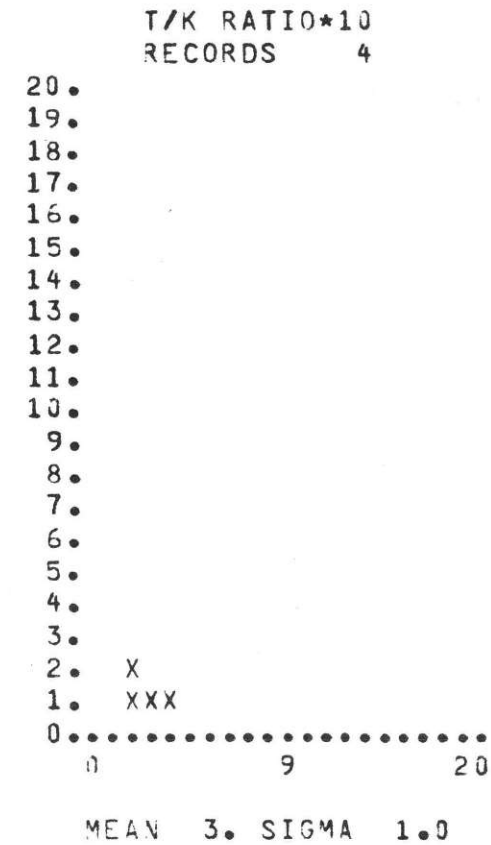
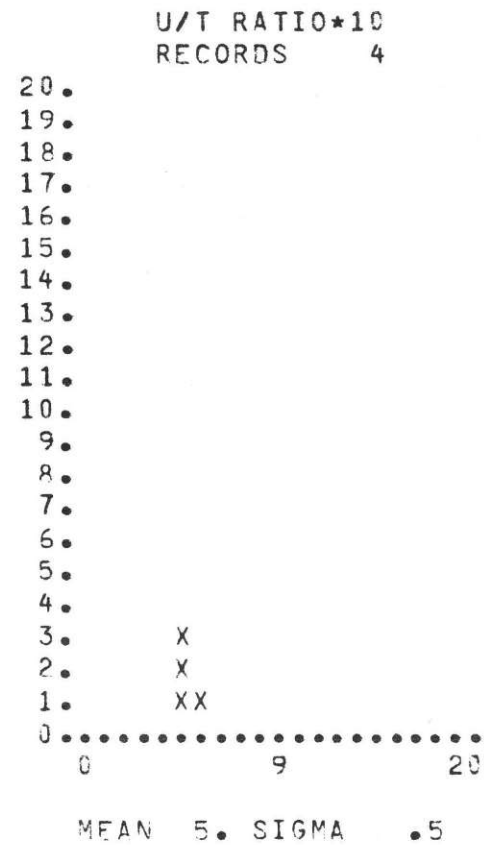
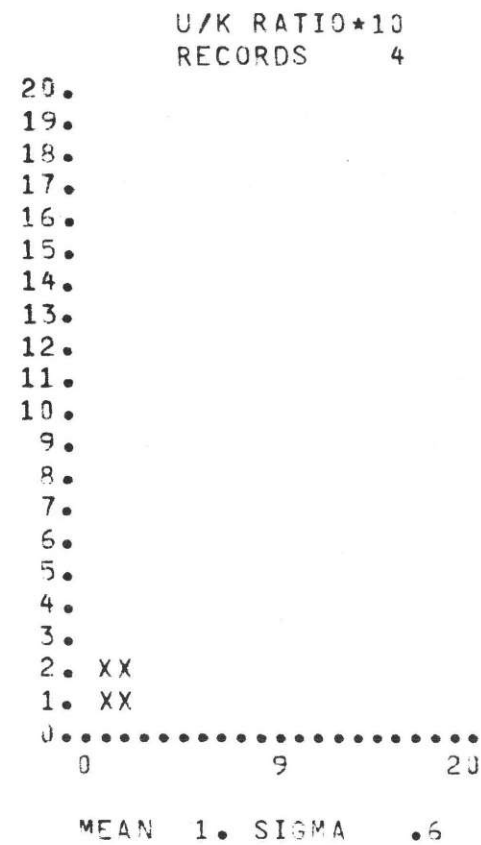
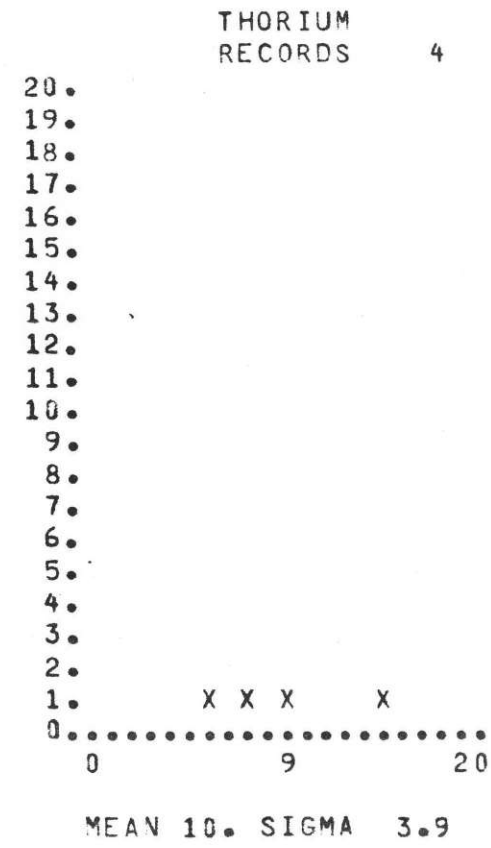
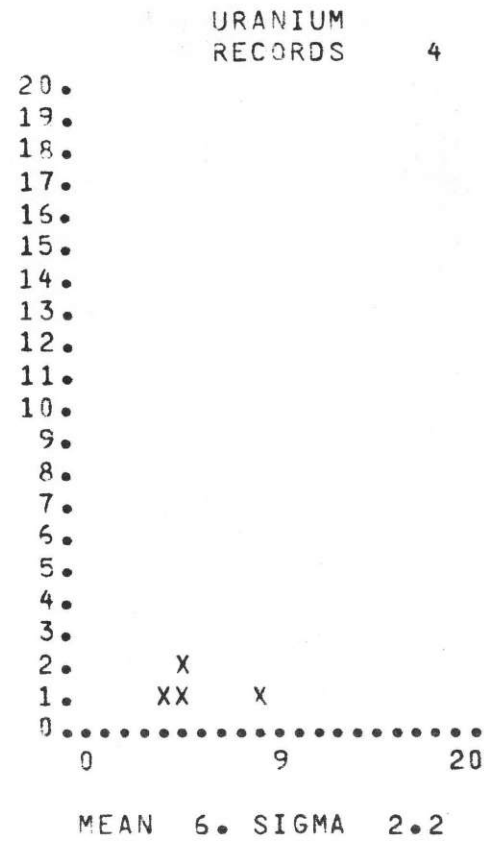
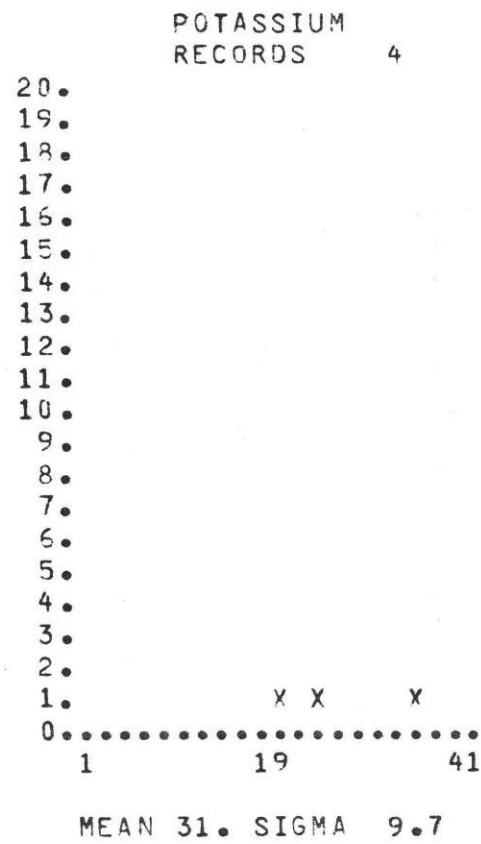


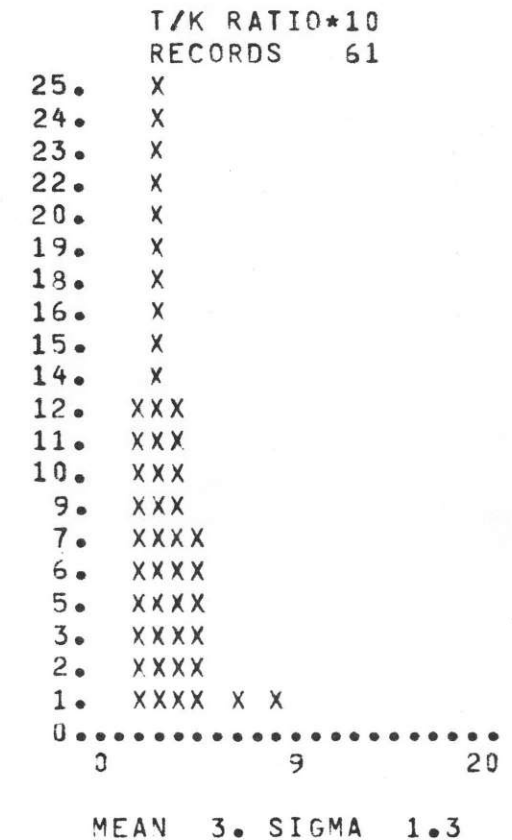
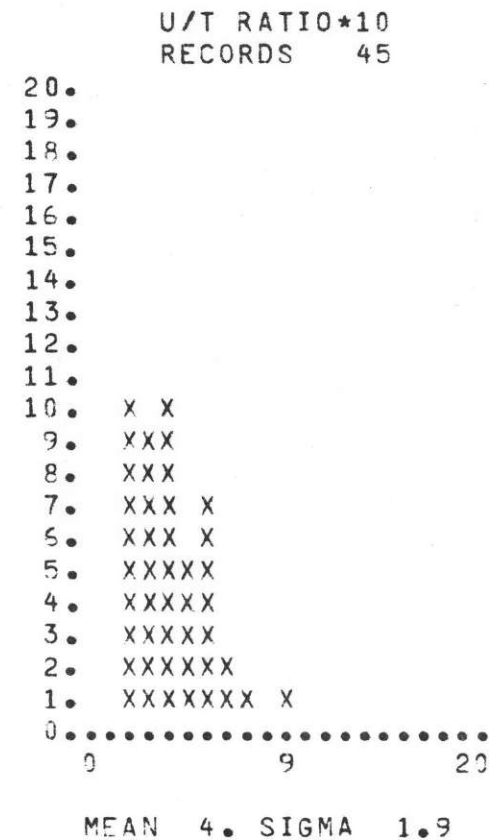
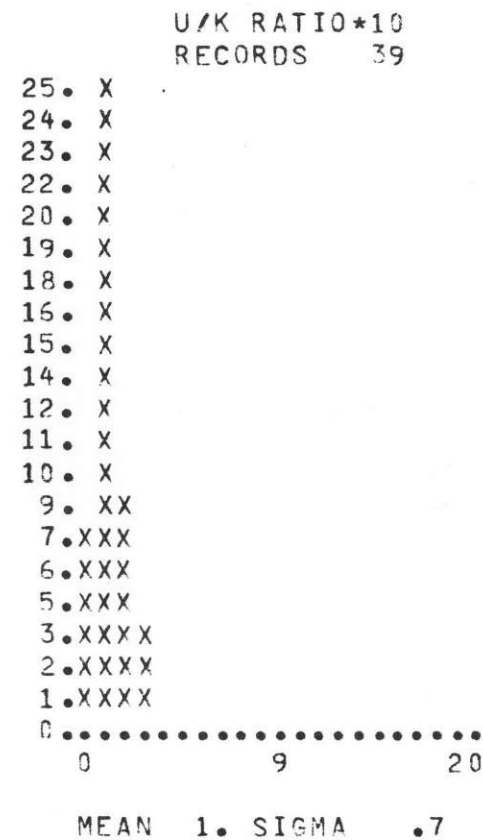
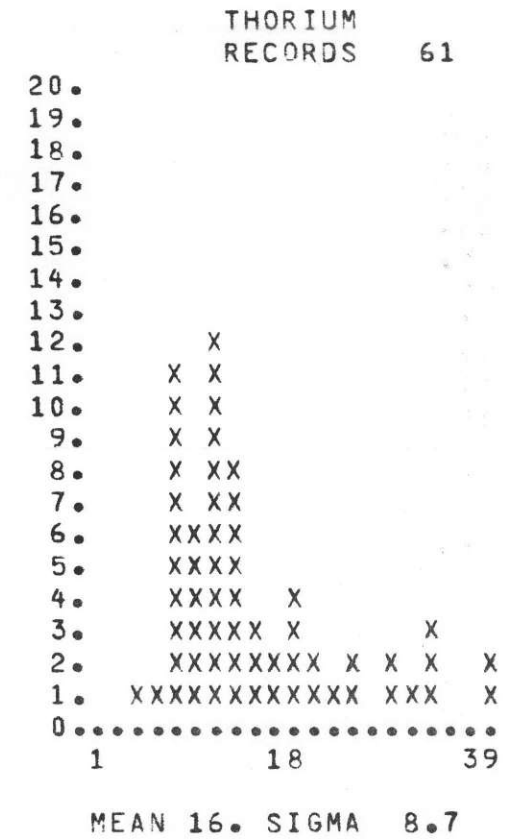
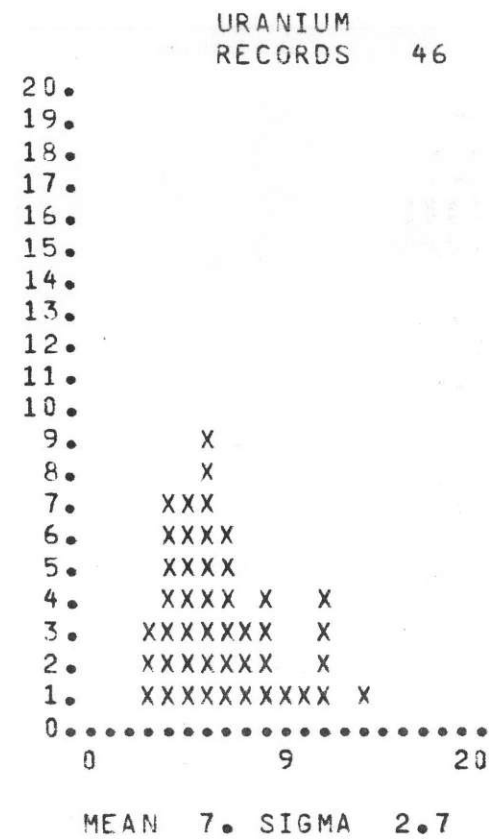
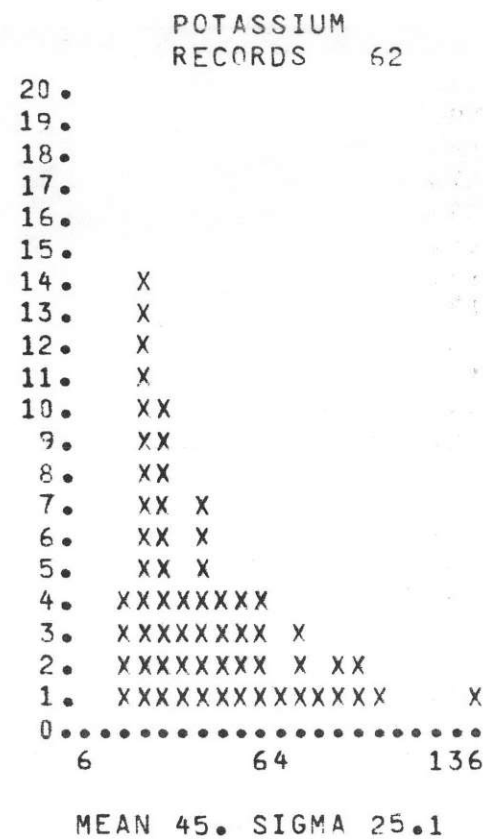
MEAN 3. SIGMA 1.3

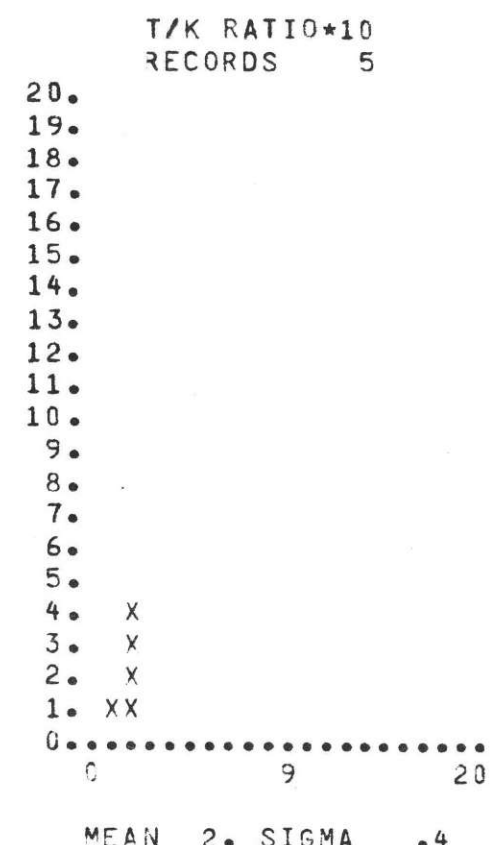
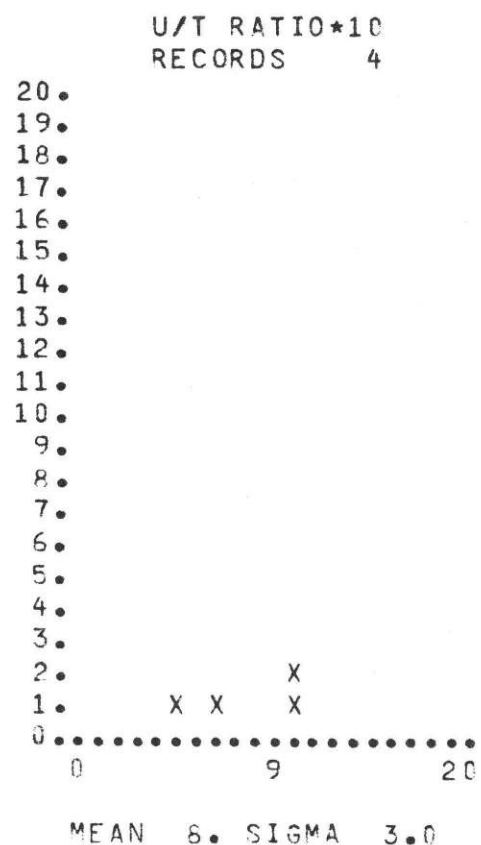
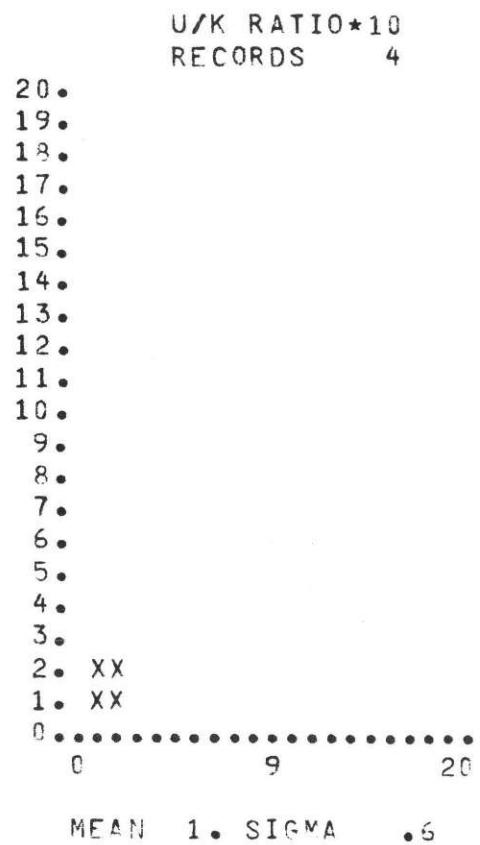
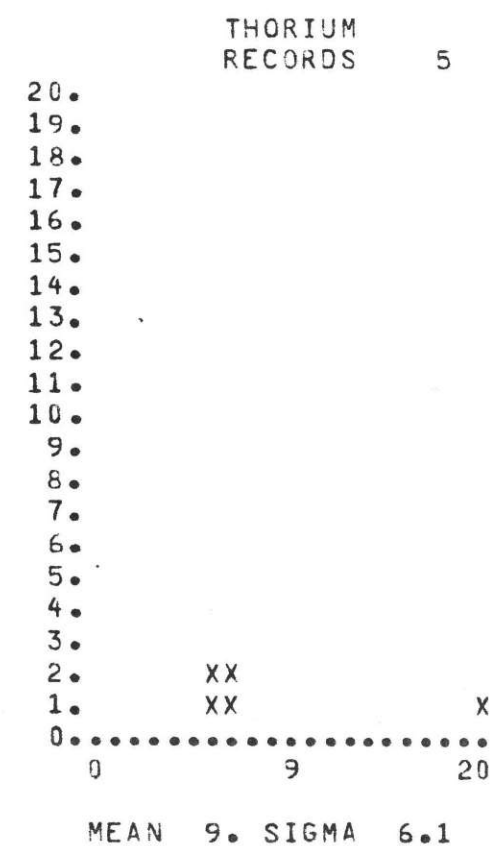
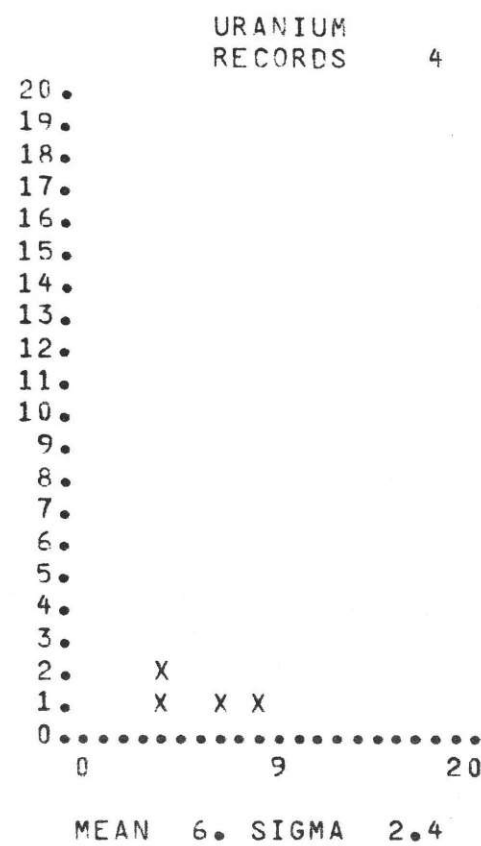
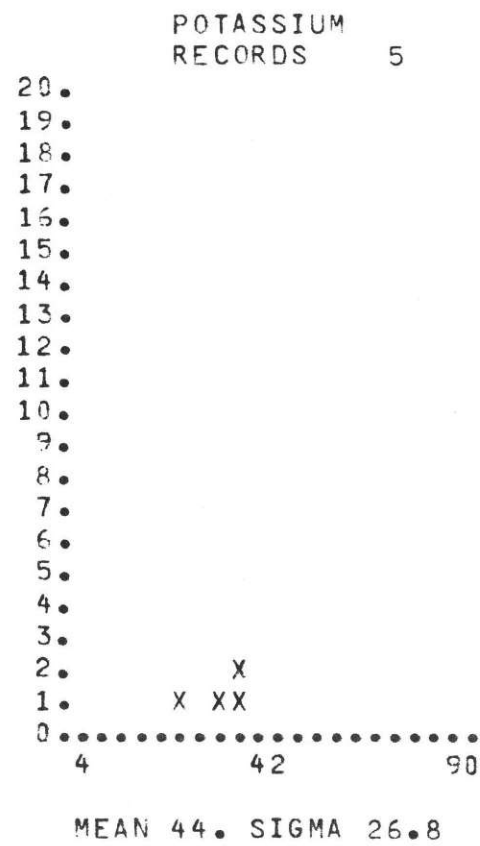


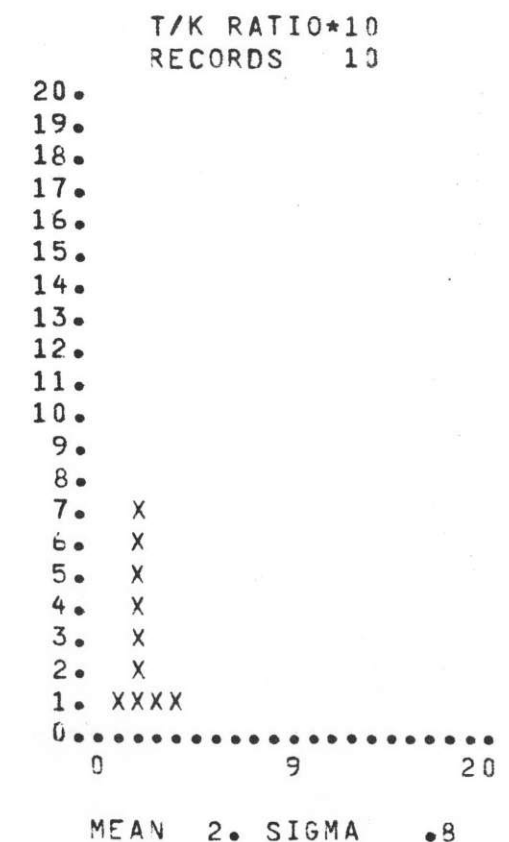
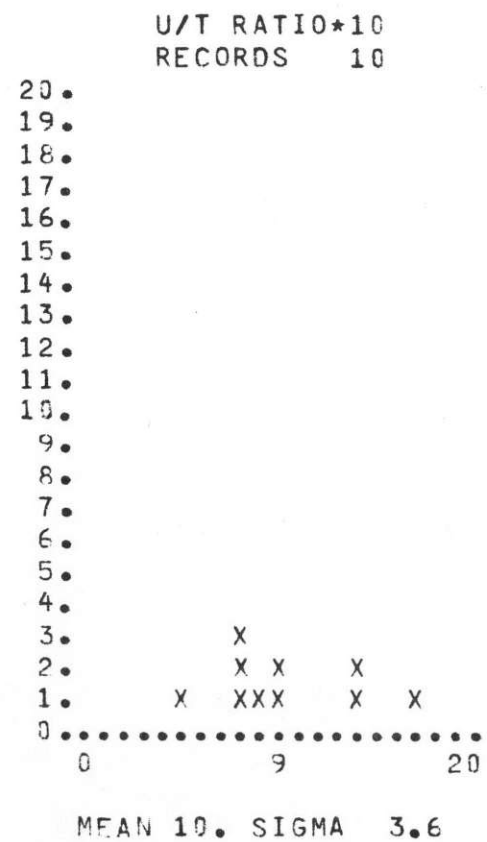
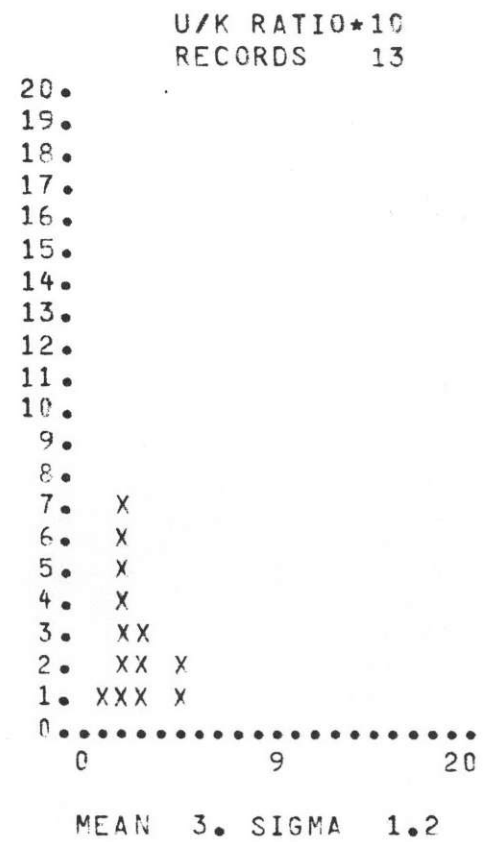
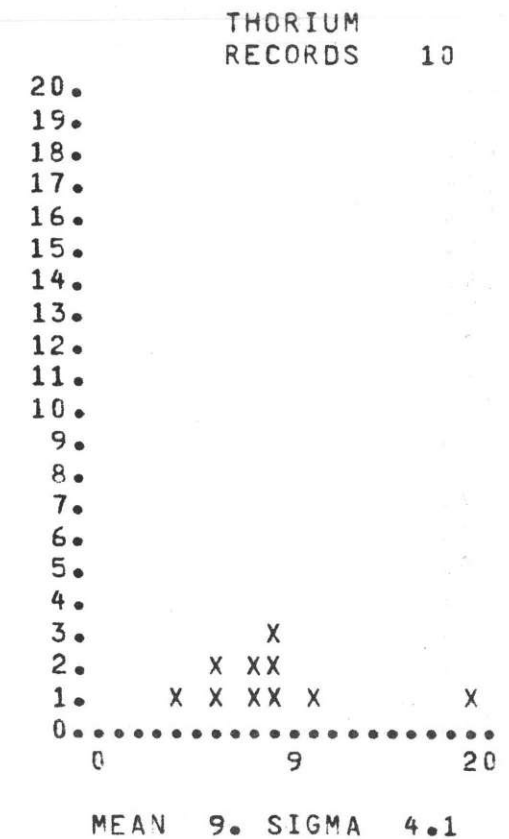
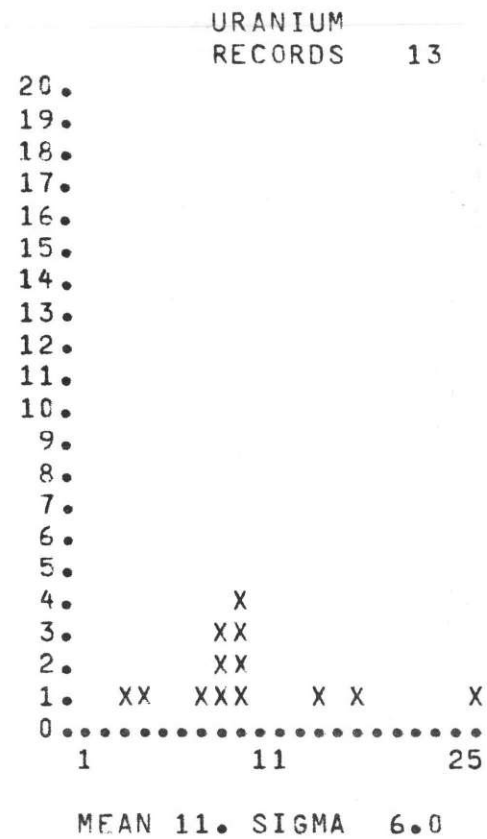
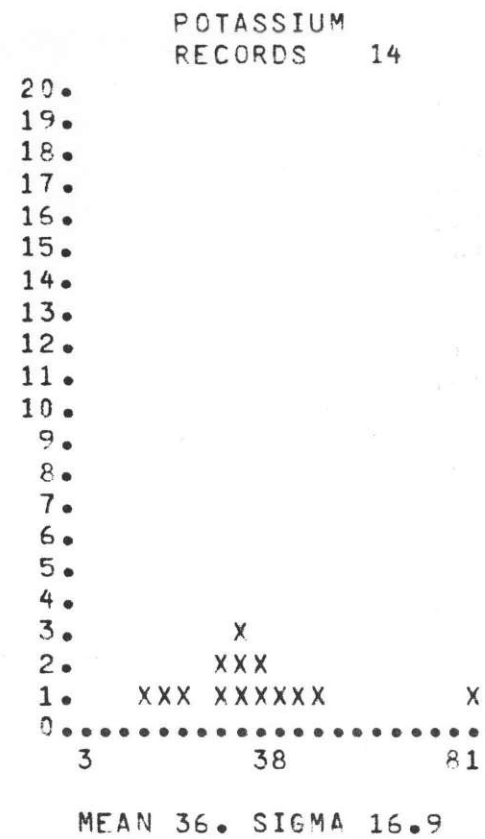
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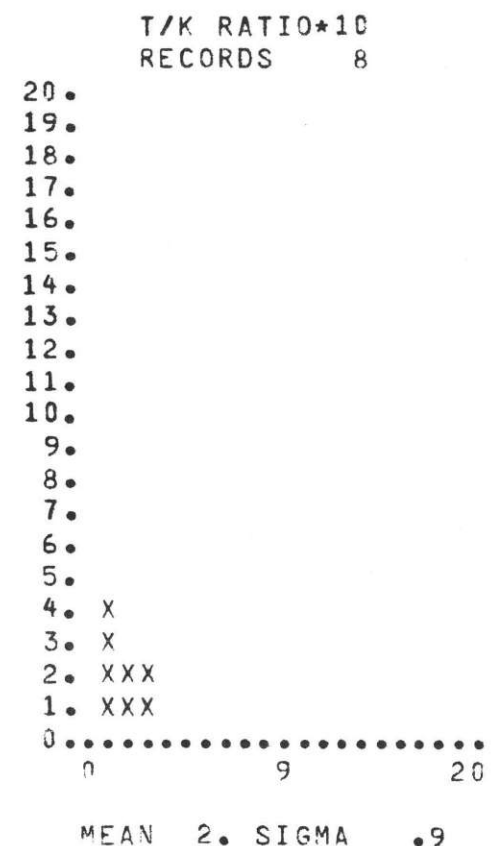
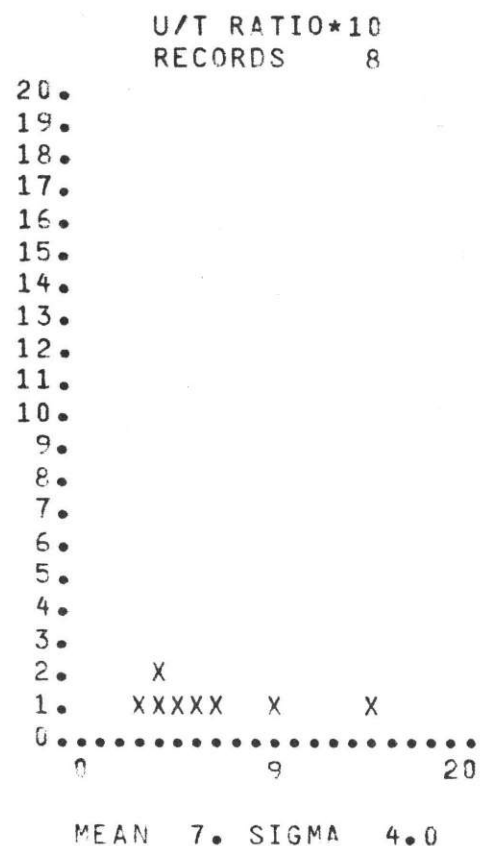
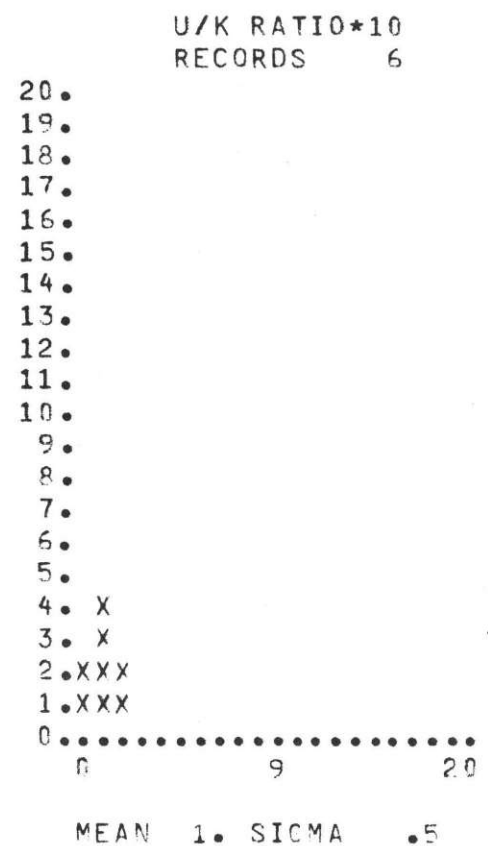
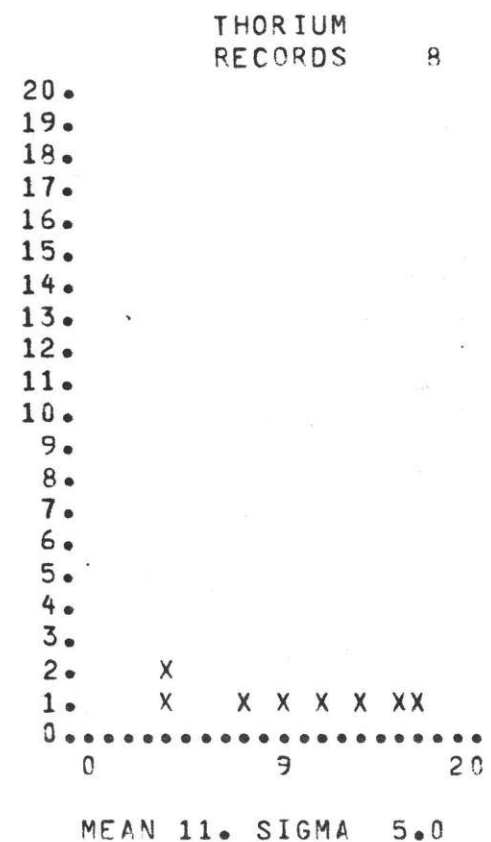
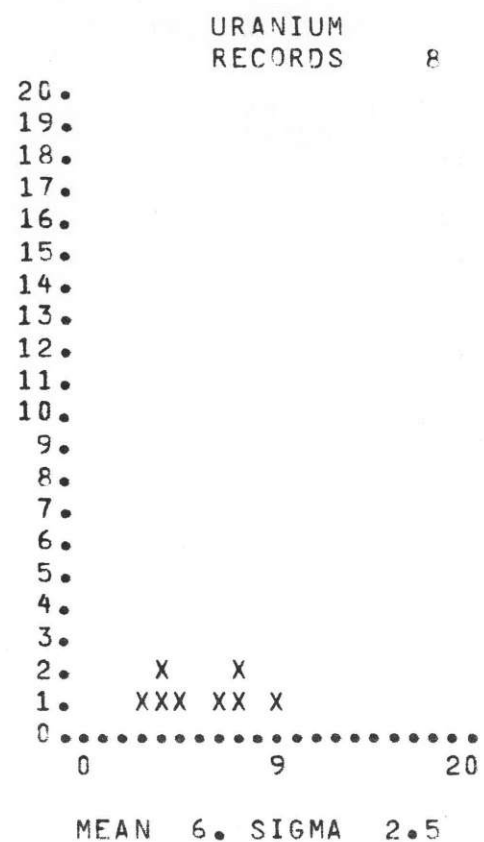
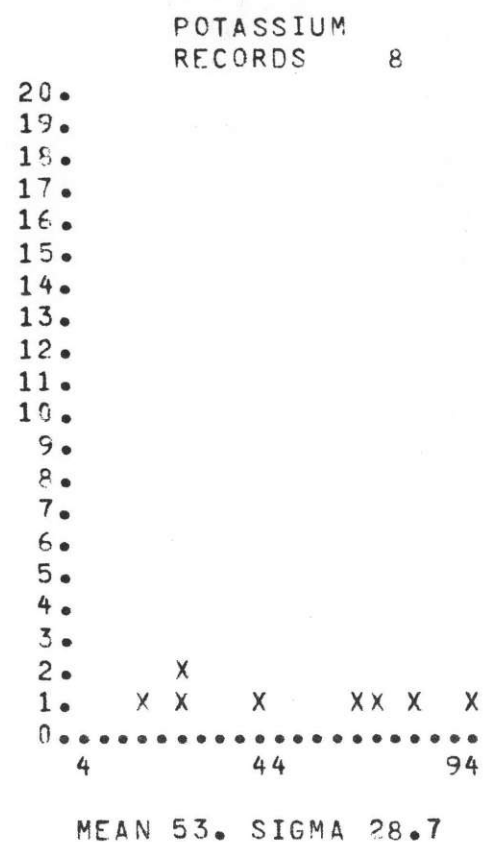


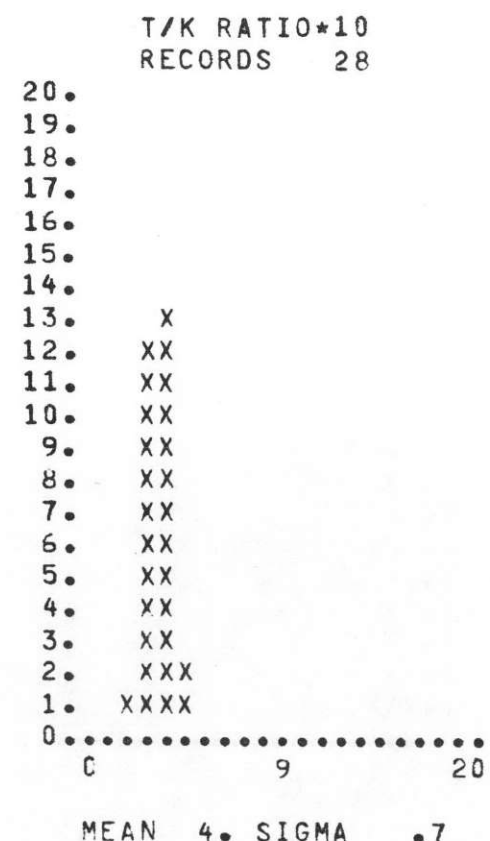
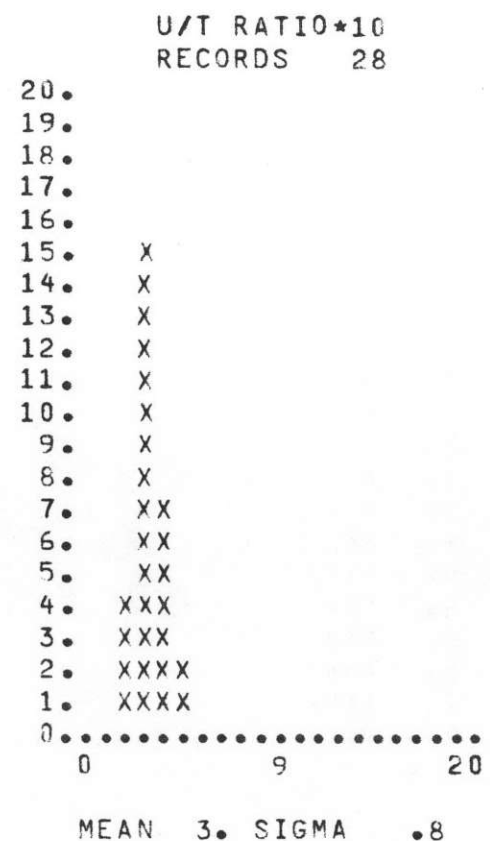
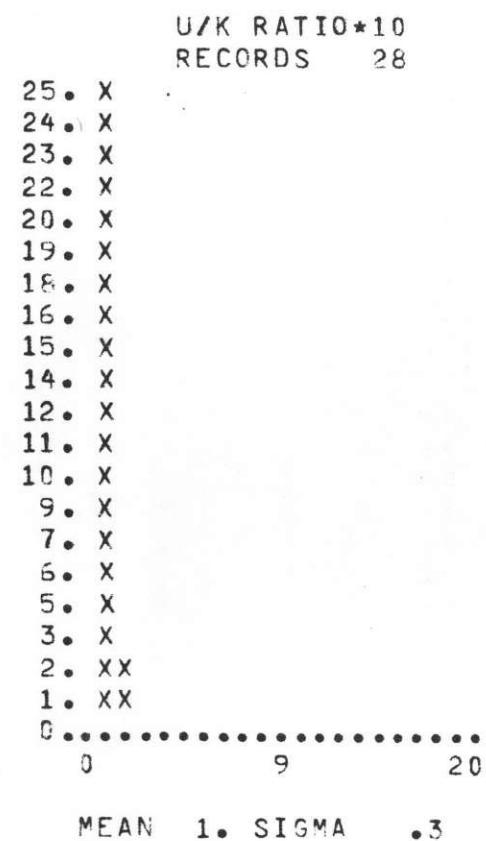
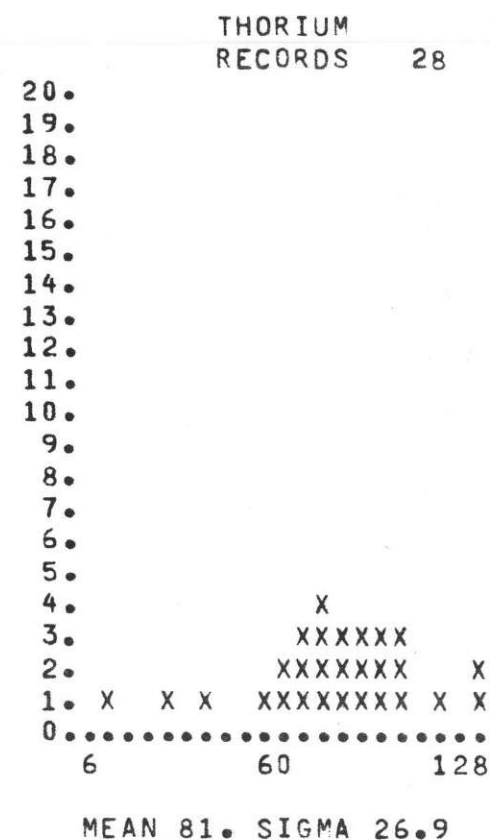
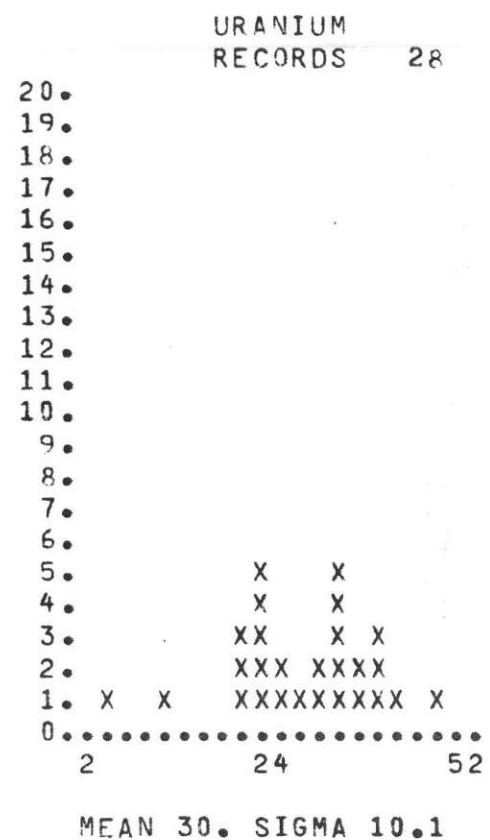
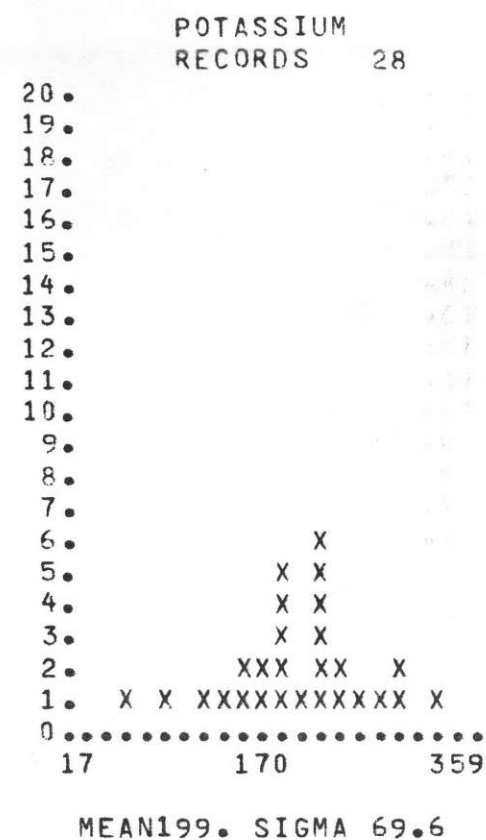


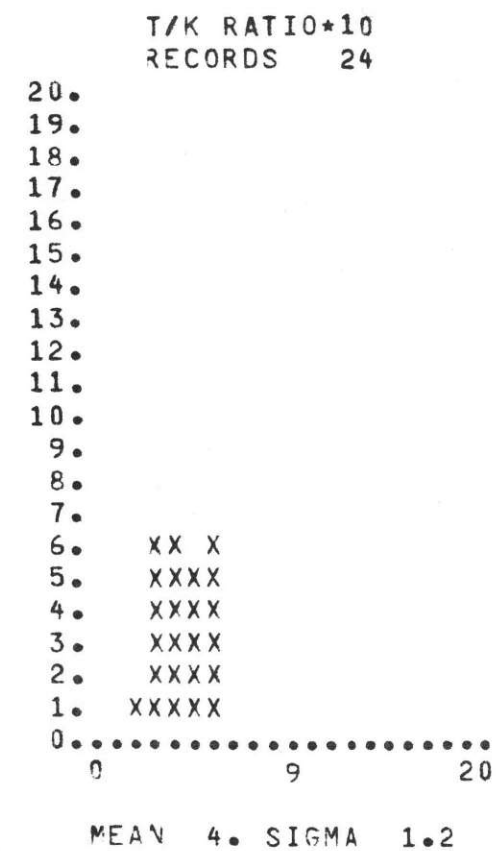
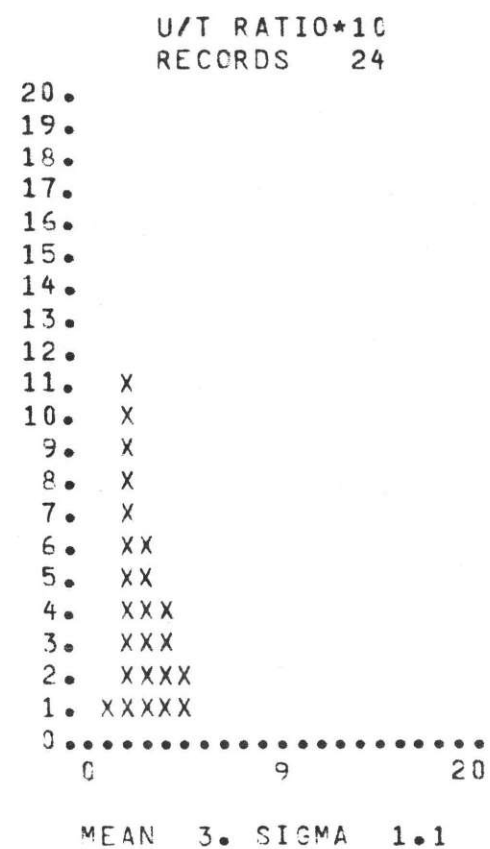
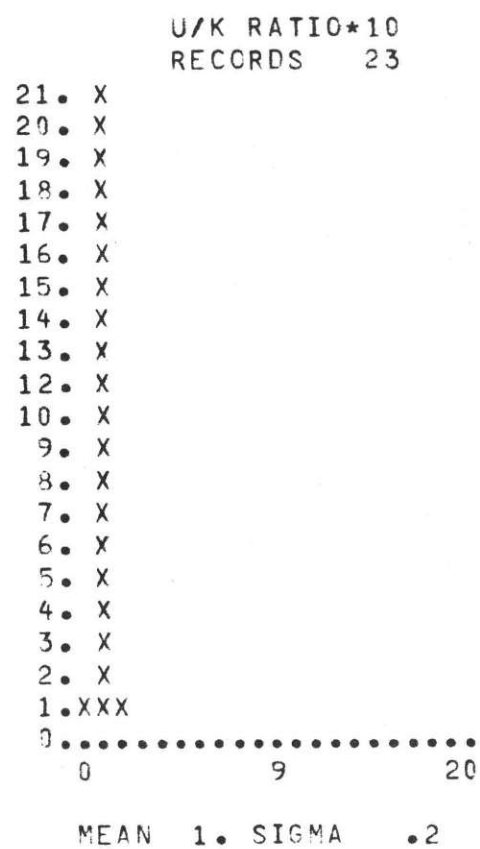
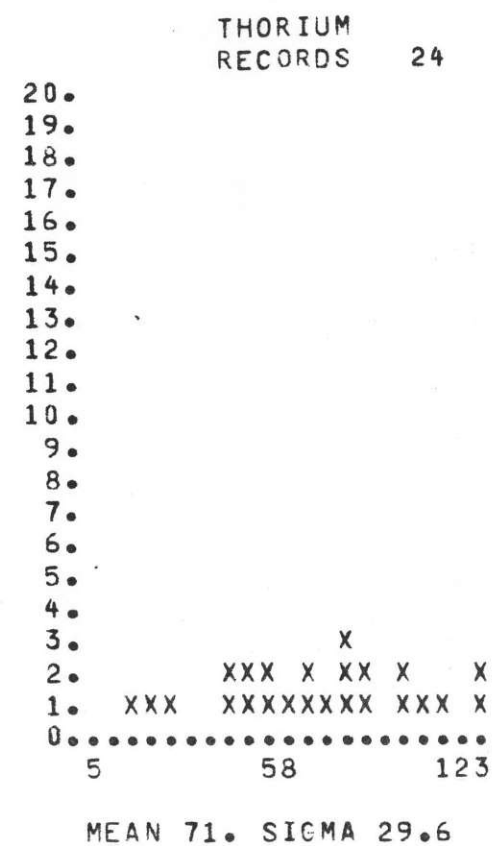
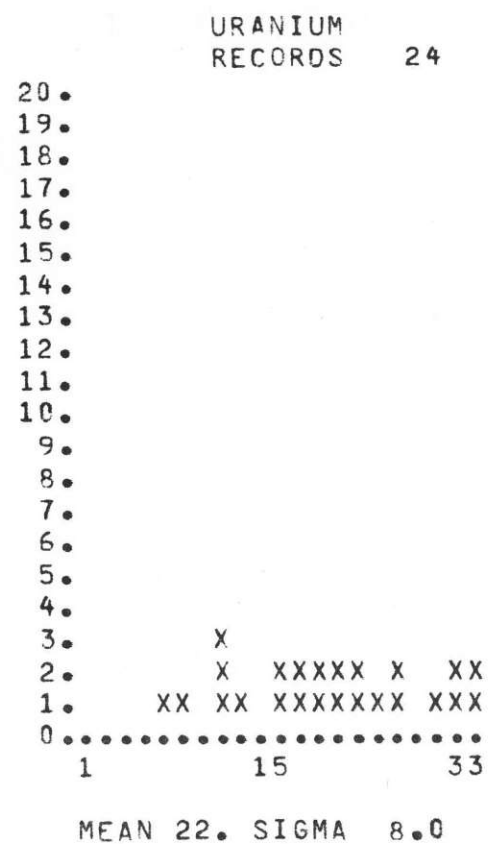
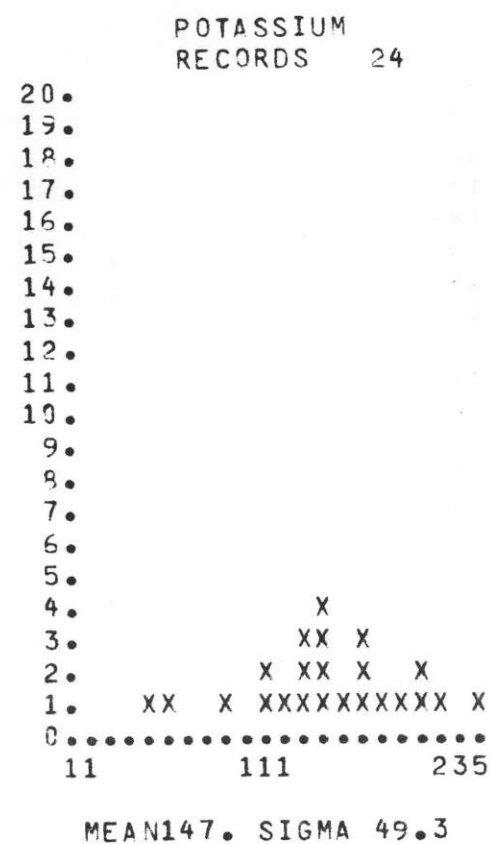


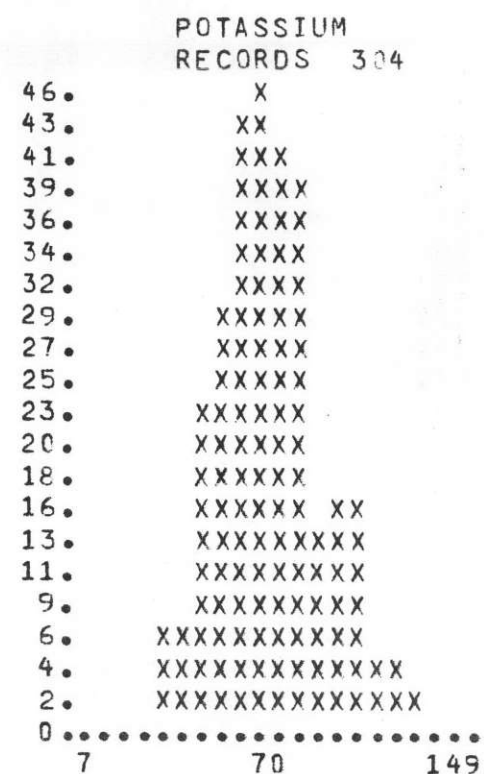


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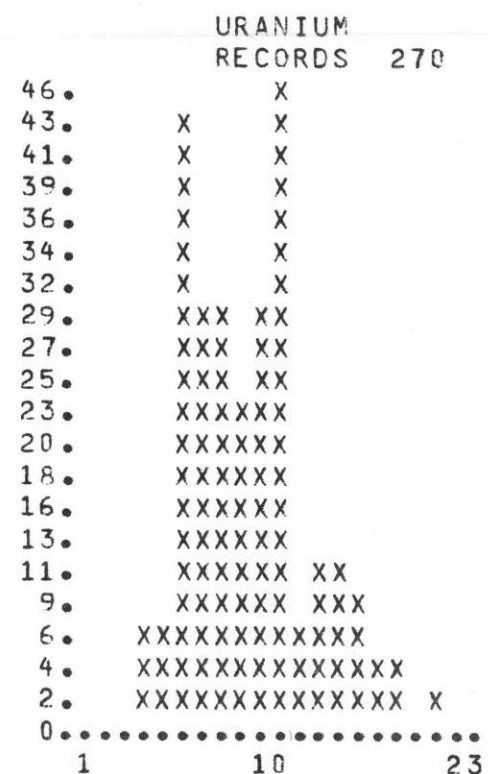




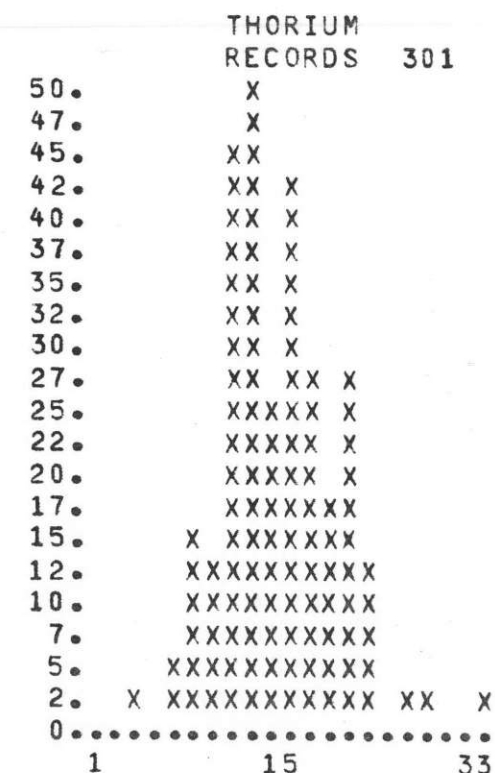




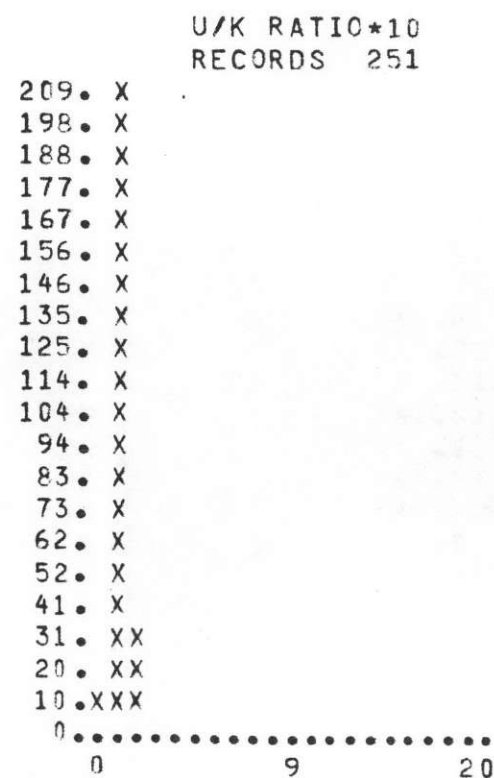
MEAN 72. SIGMA 20.6



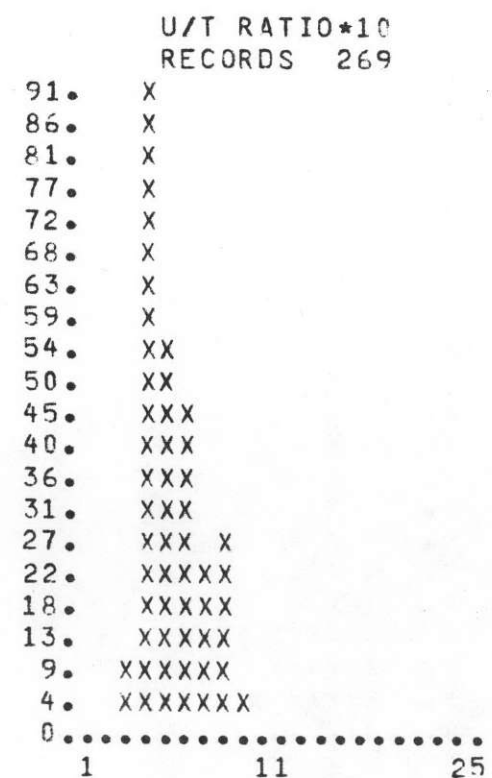
MEAN 11. SIGMA 3.9



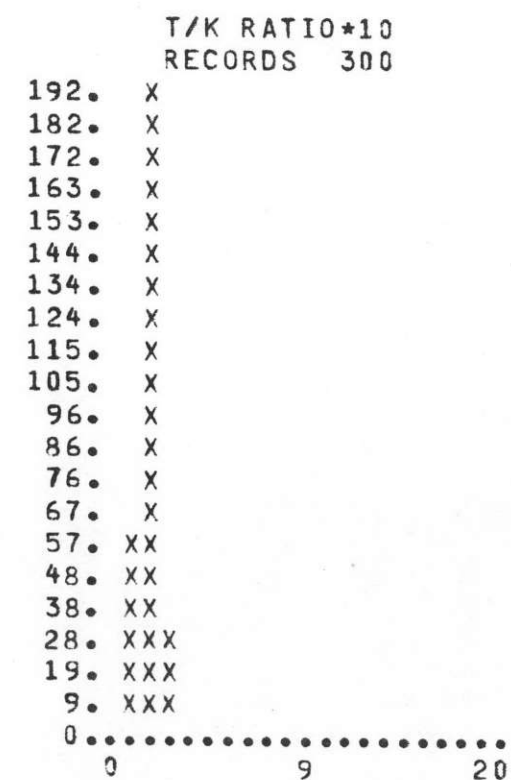
MEAN 17. SIGMA 4.9



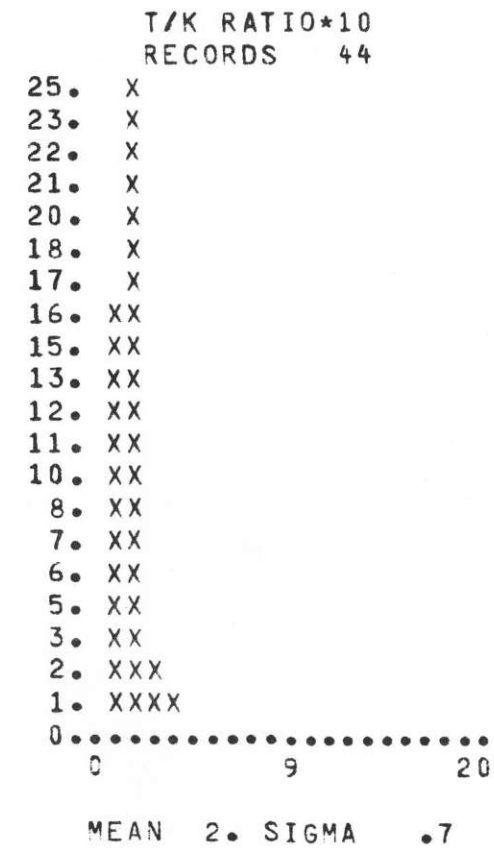
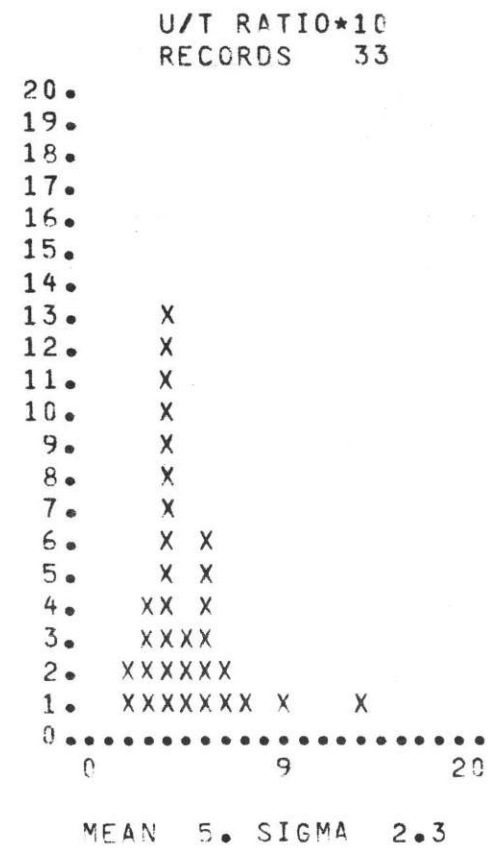
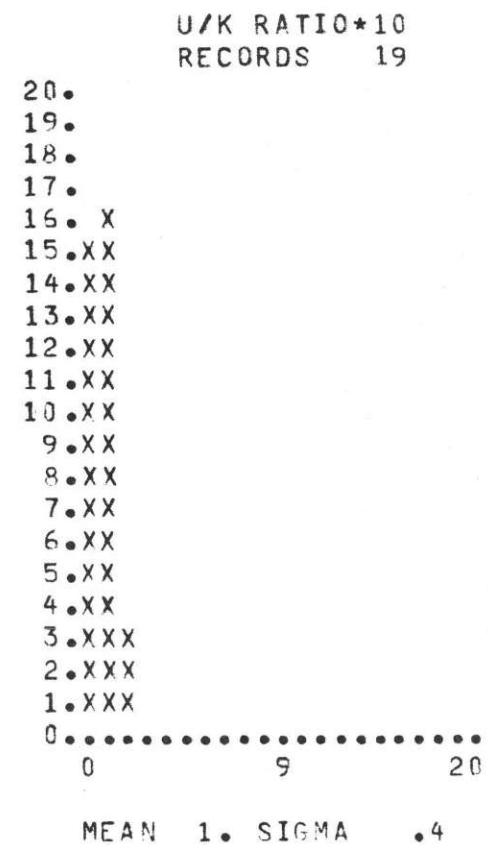
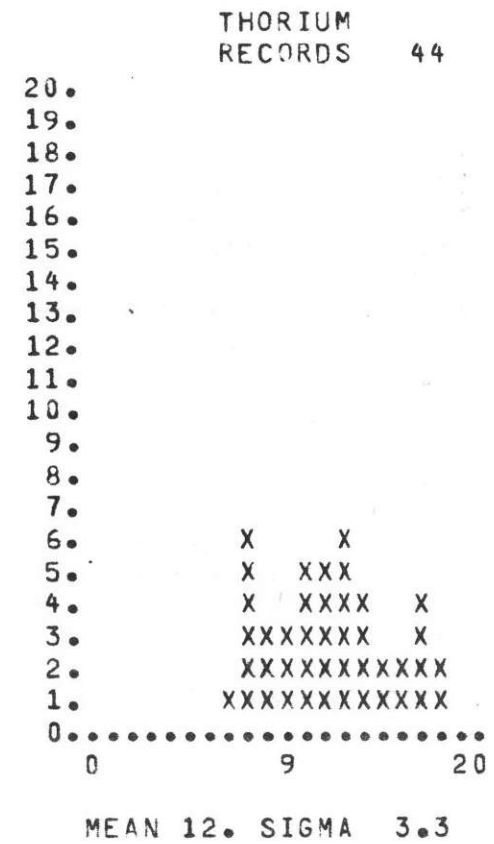
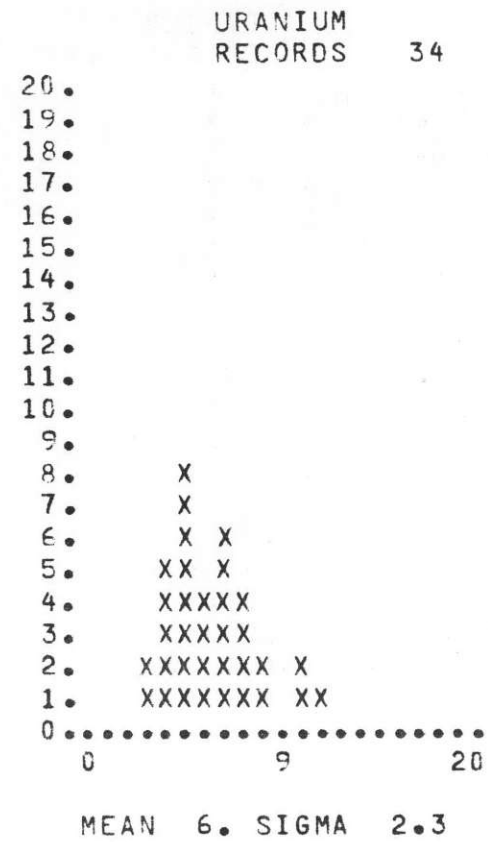
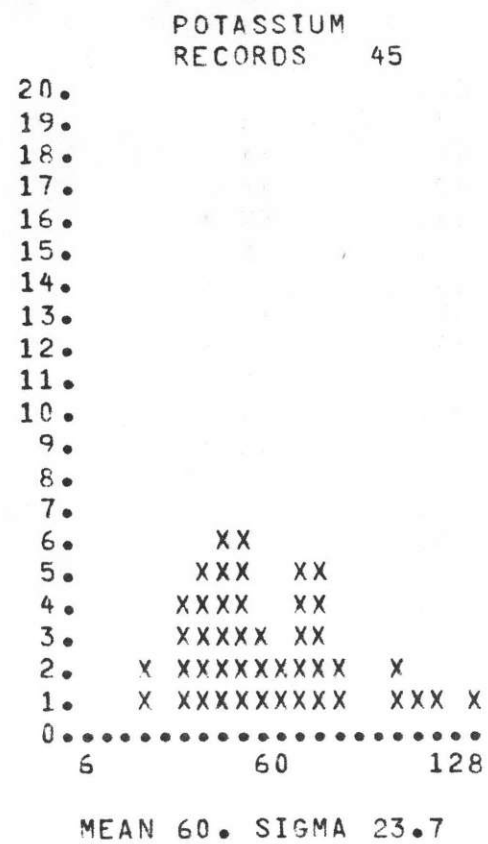
MEAN 1. SIGMA .8

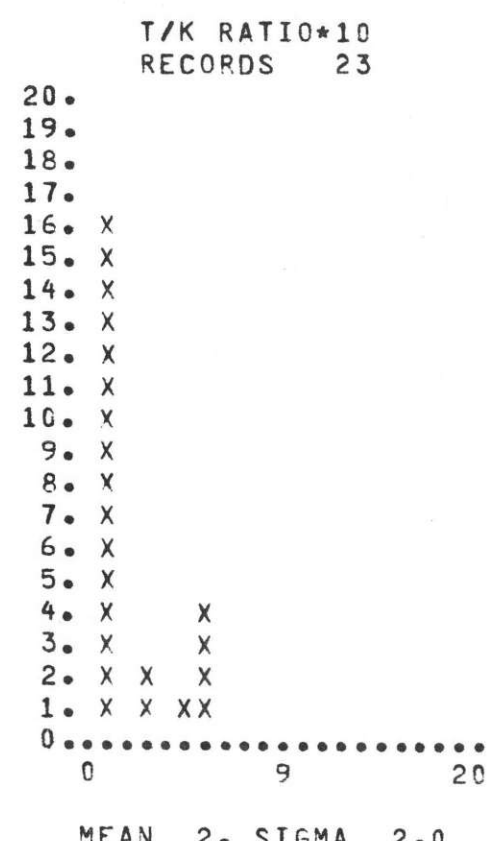
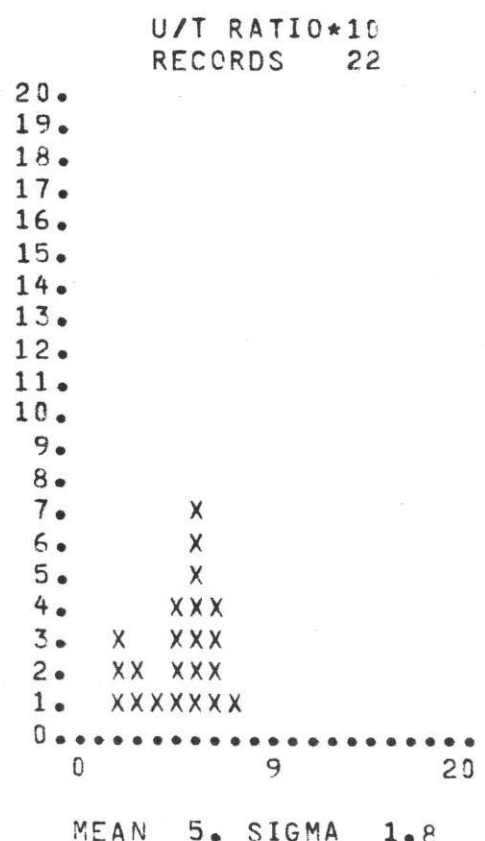
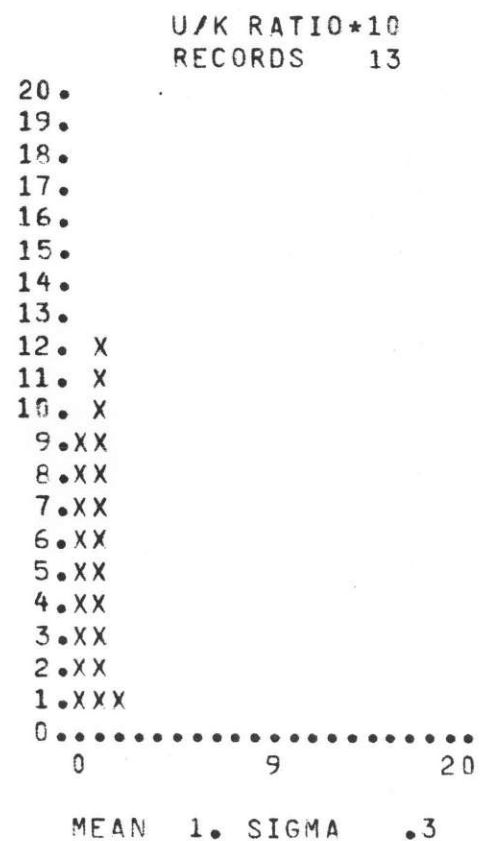
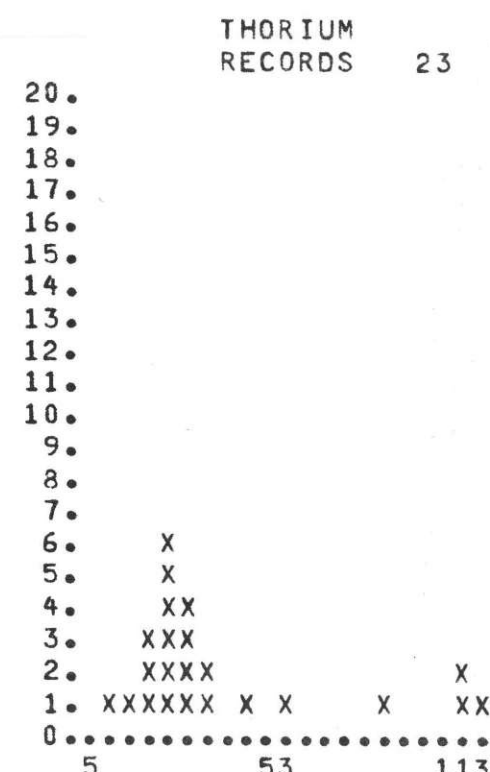
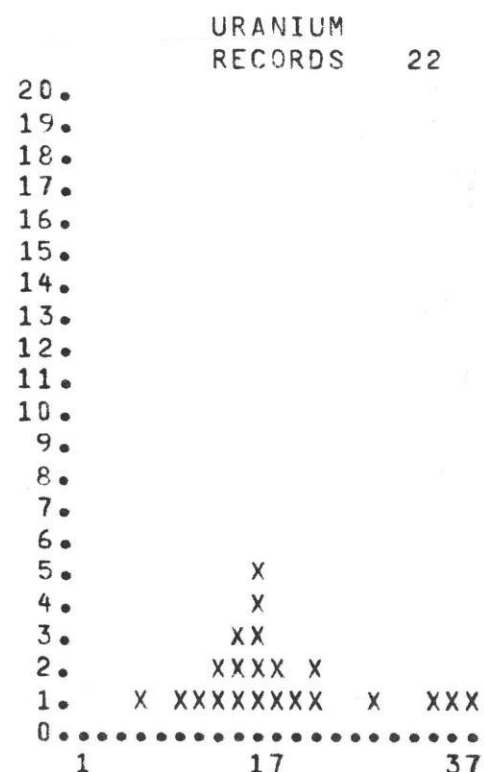
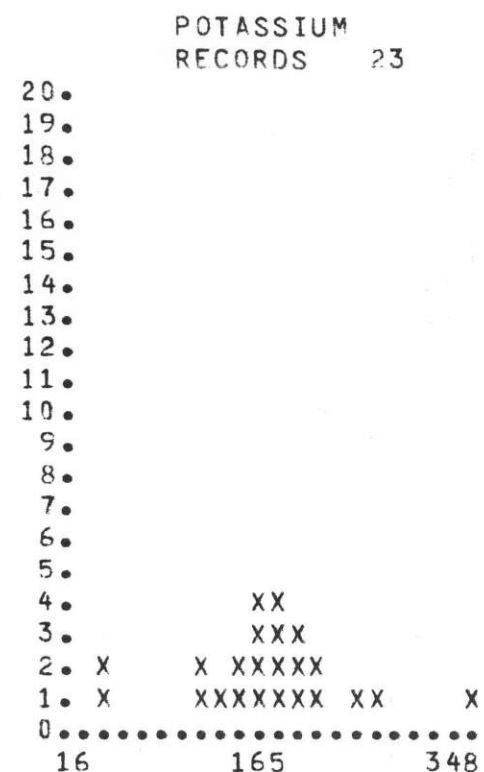


MEAN 6. SIGMA 2.5

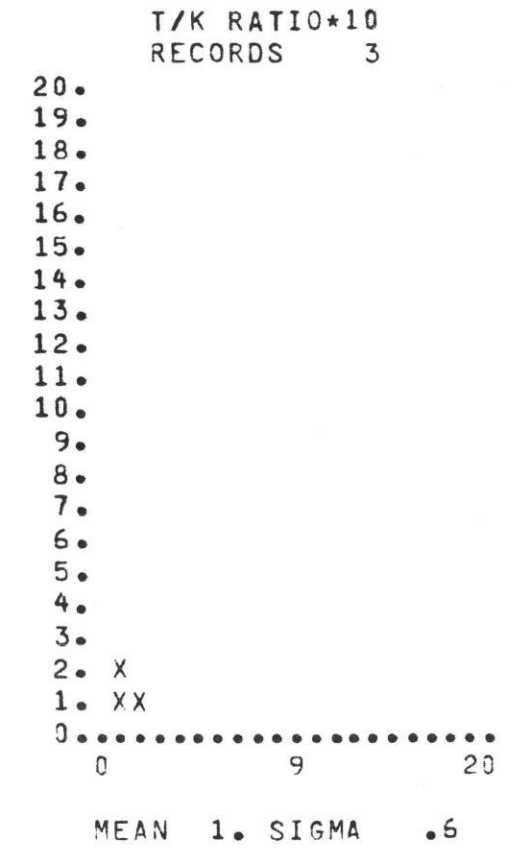
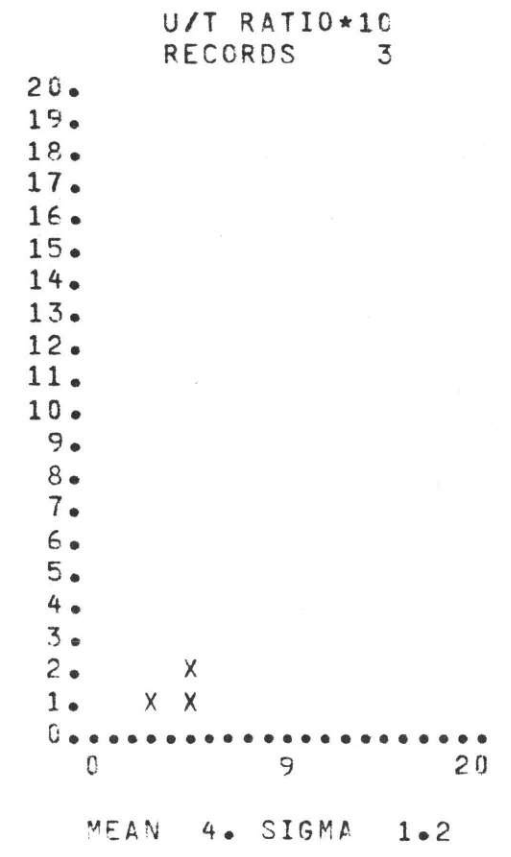
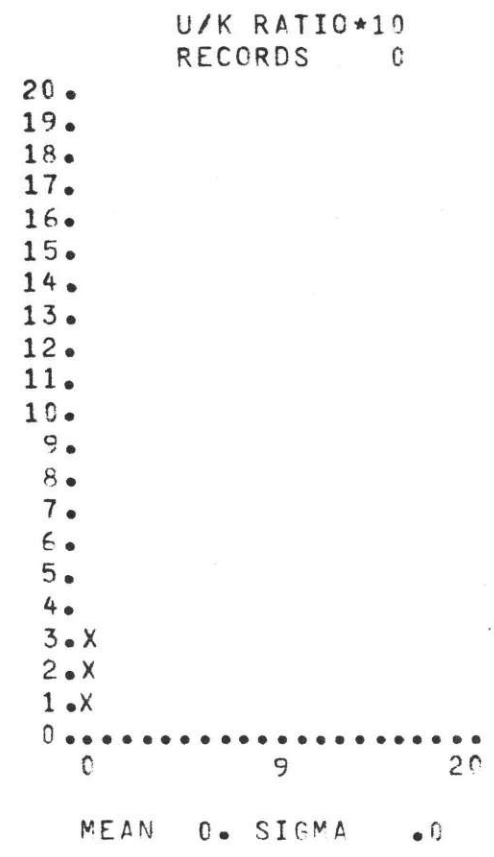
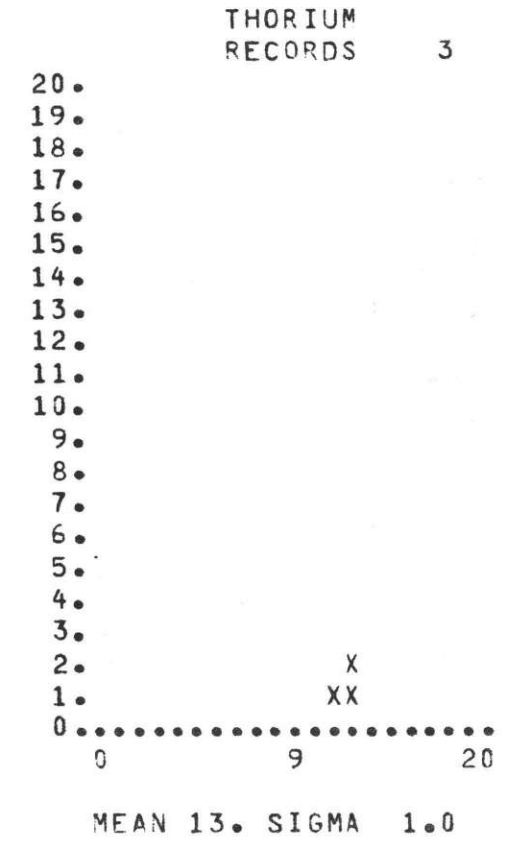
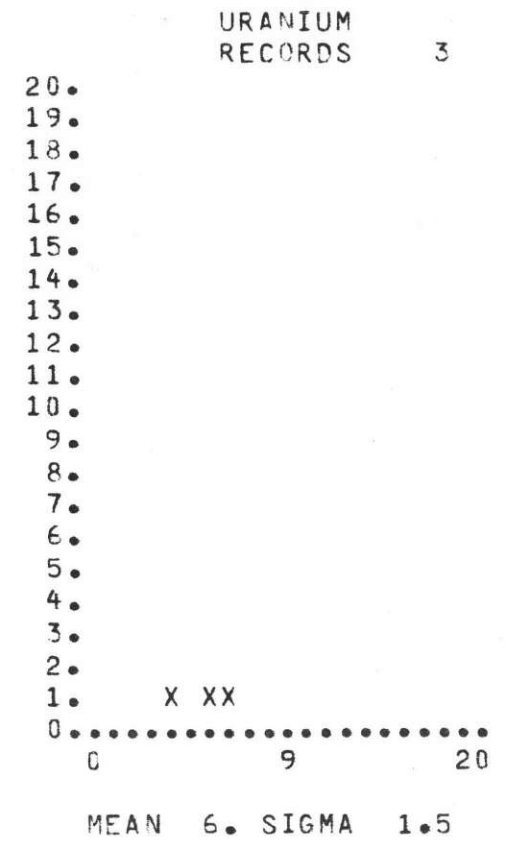
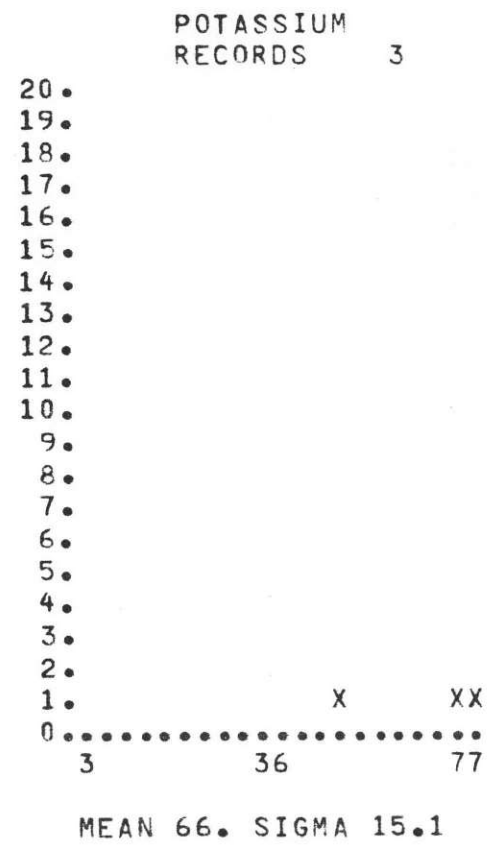


MEAN 2. SIGMA .7

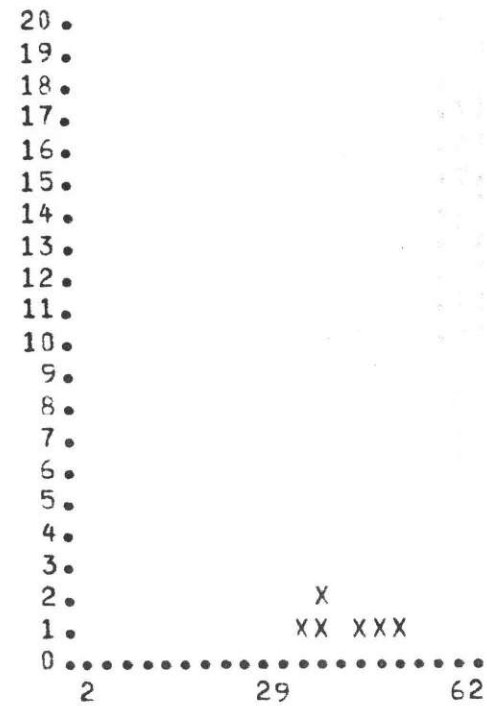




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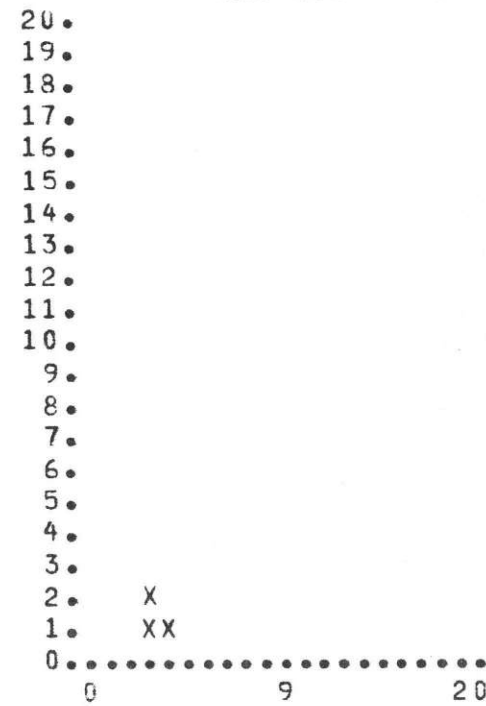


POTASSIUM RECORDS 7



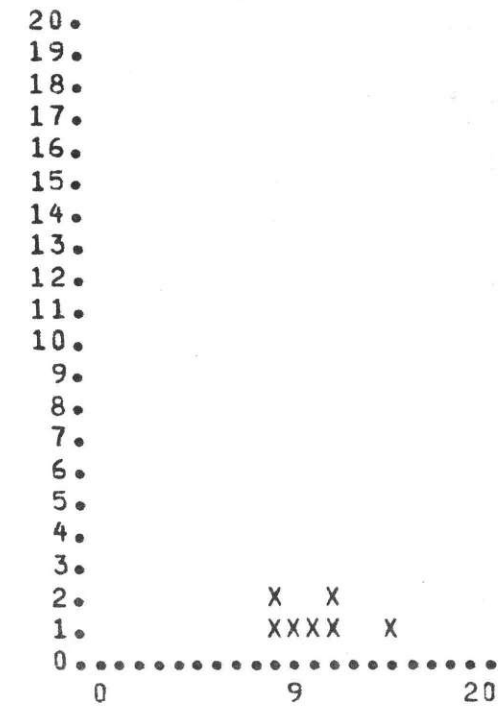
MEAN 44. SIGMA 10.0

URANIUM RECORDS 3



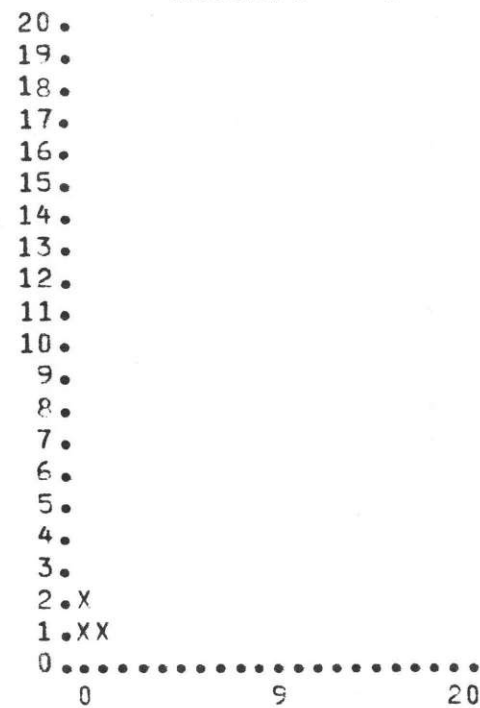
MEAN 3. SIGMA 1.0

THORIUM RECORDS 7



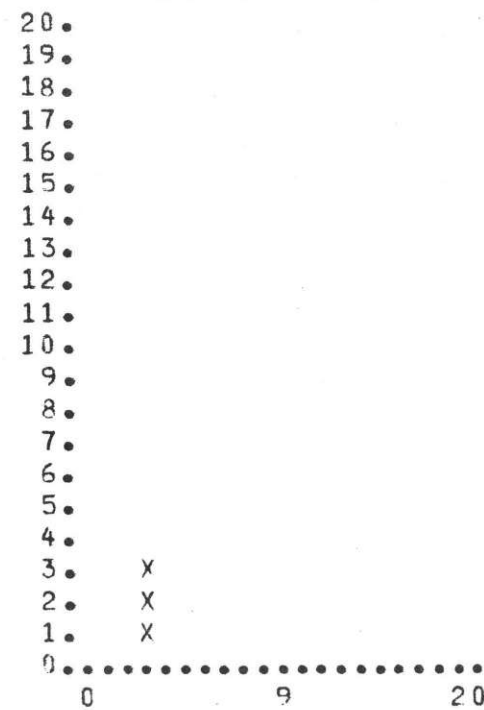
MEAN 11. SIGMA 2.1

U/K RATIO*10 RECORDS 1



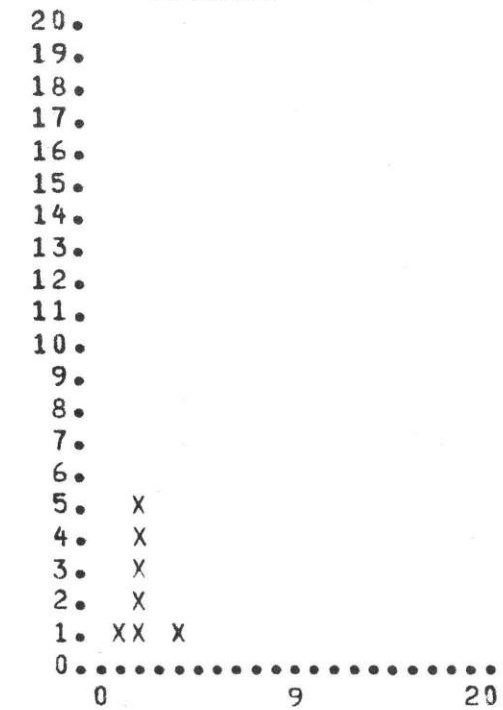
MEAN 1. SIGMA .0

U/T RATIO*10 RECORDS 3



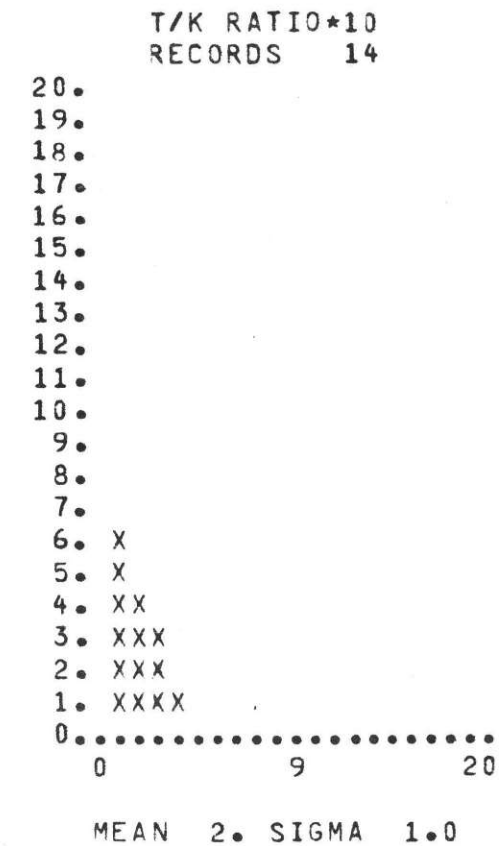
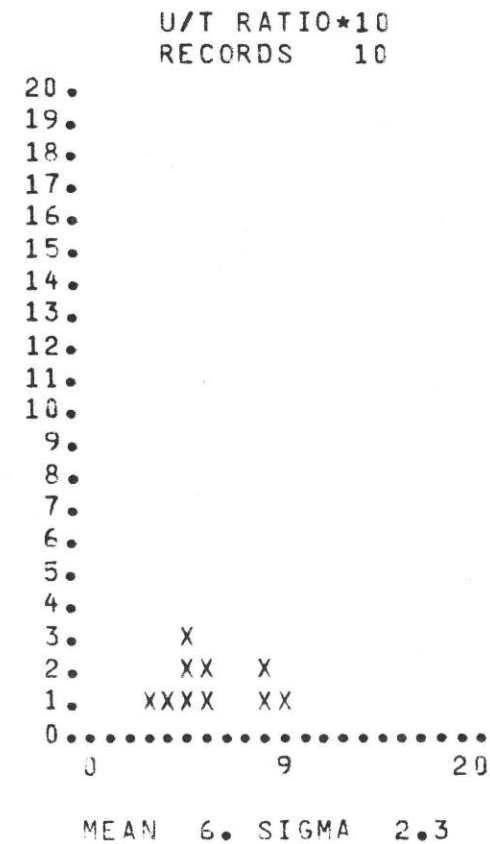
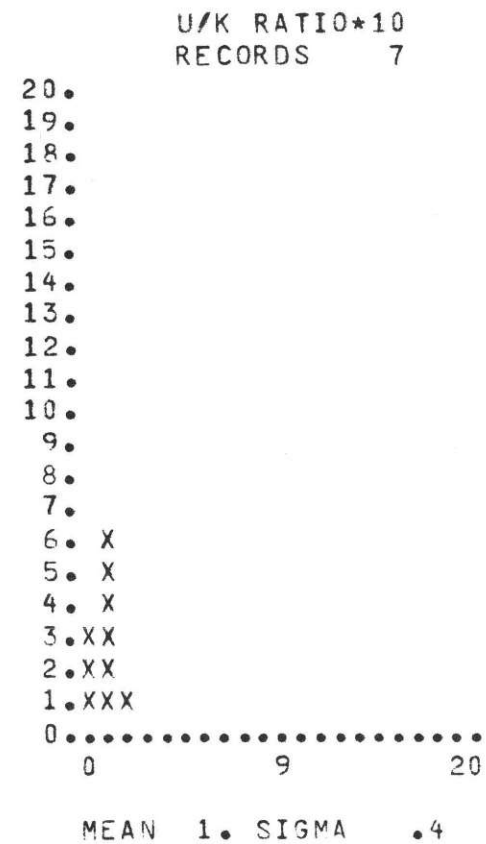
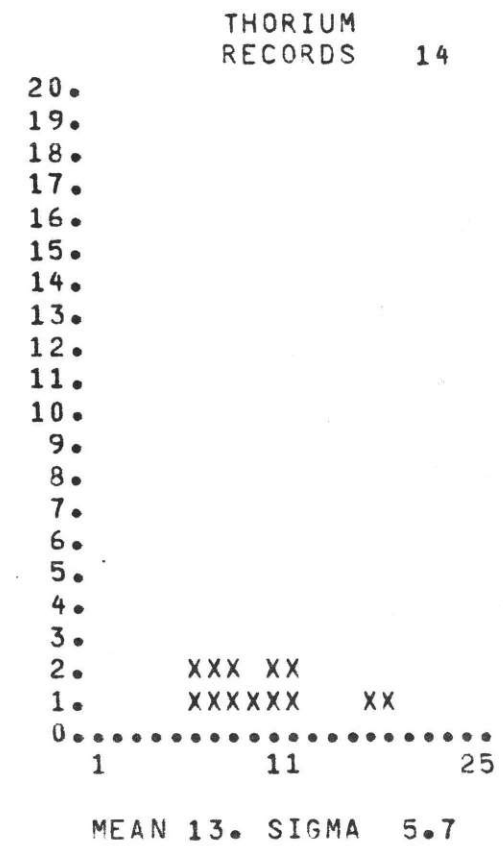
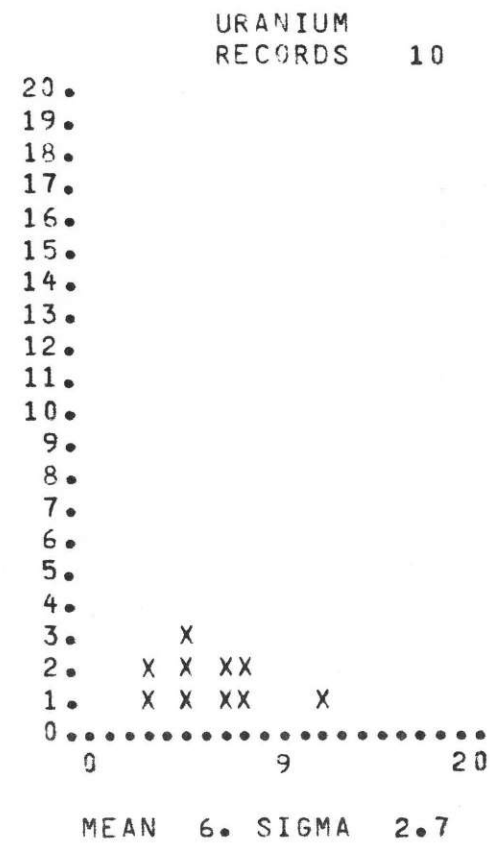
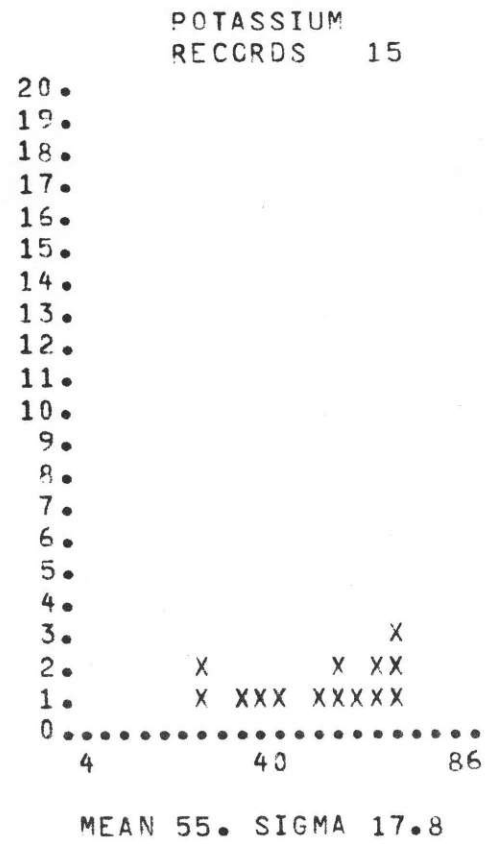
MEAN 3. SIGMA .0

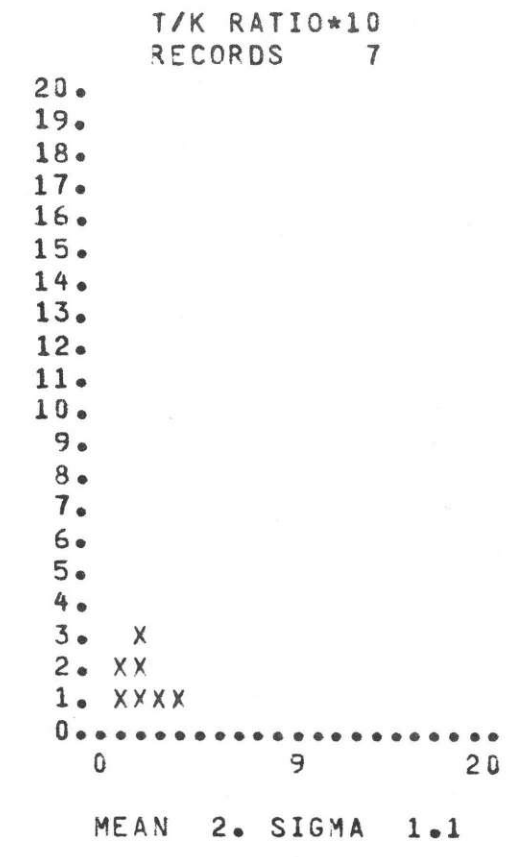
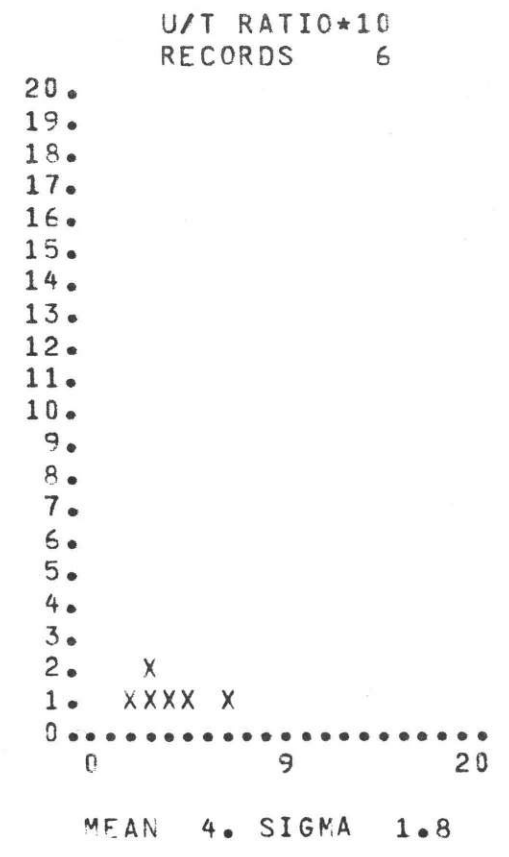
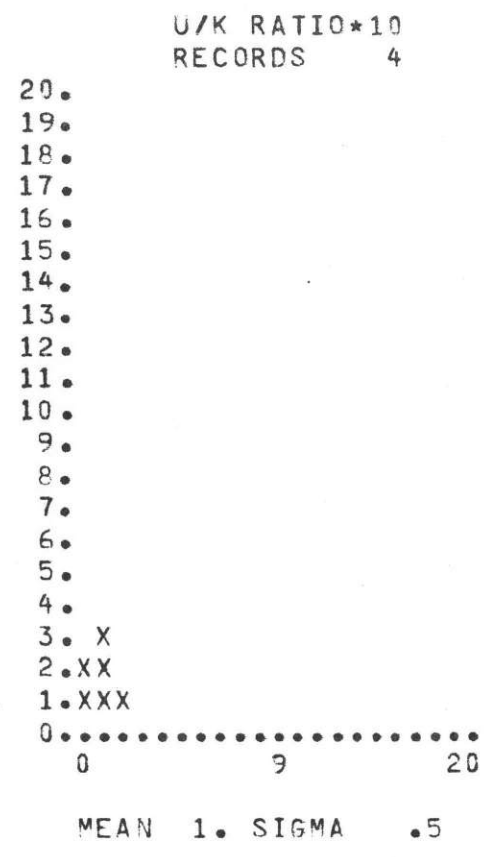
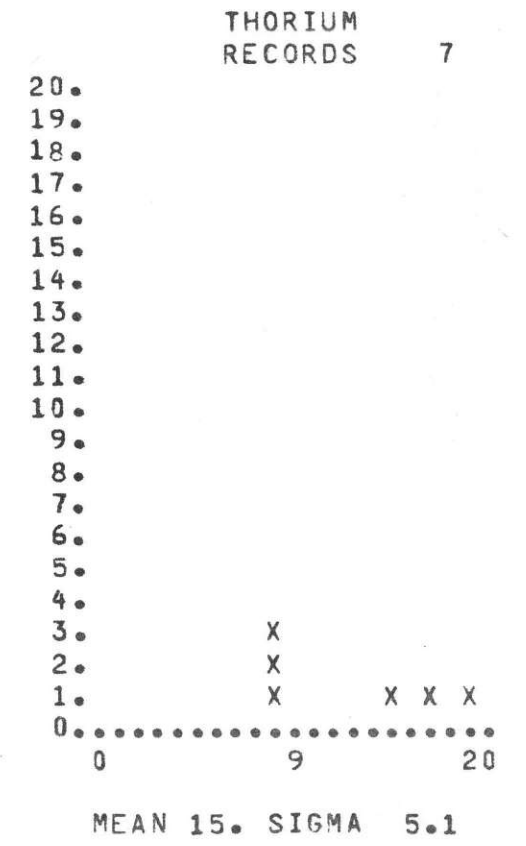
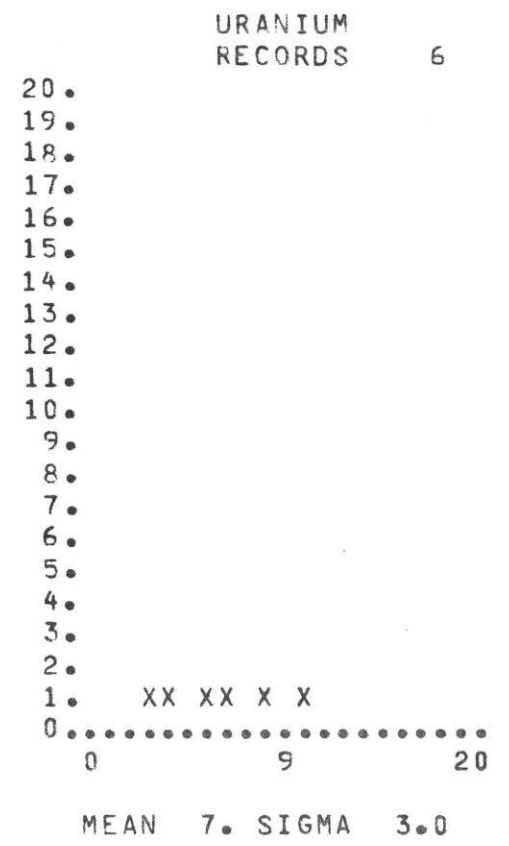
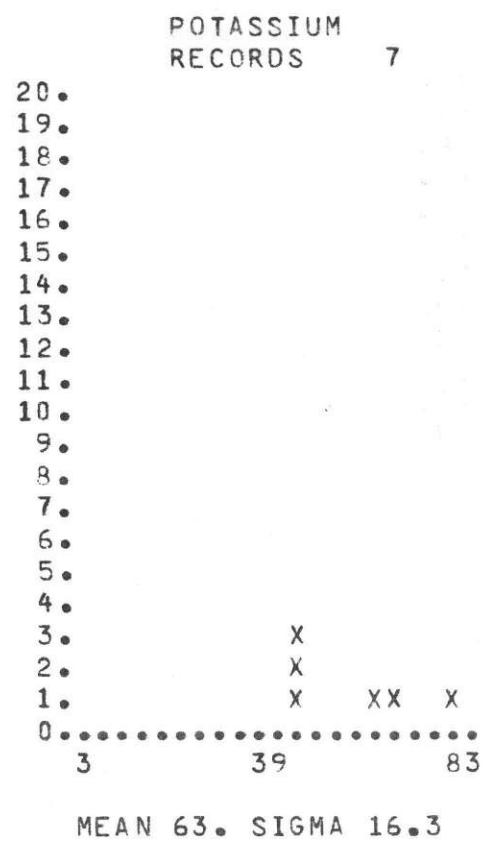
T/K RATIO*10 RECORDS 7



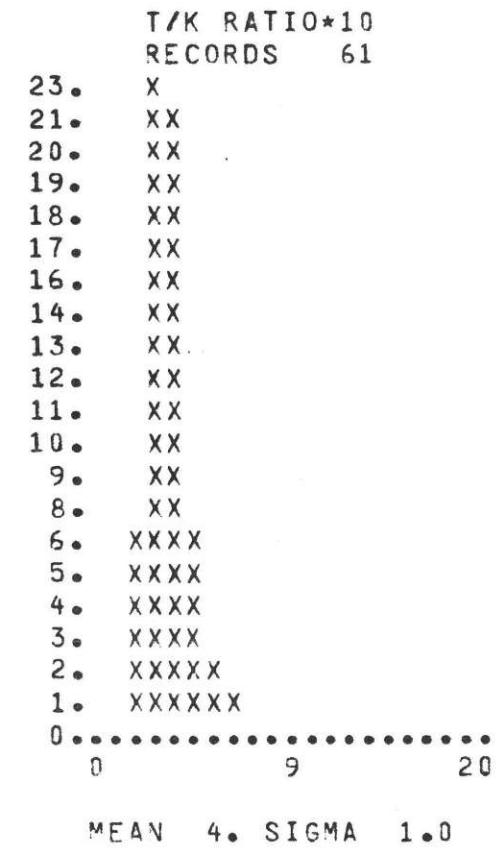
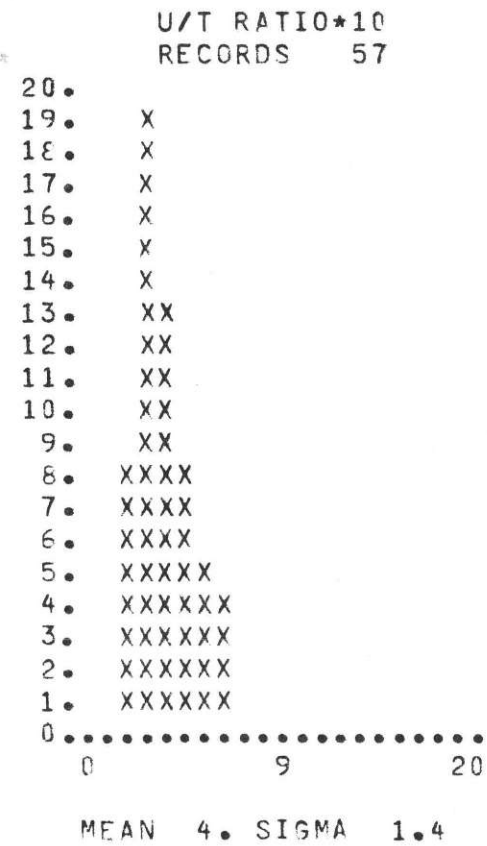
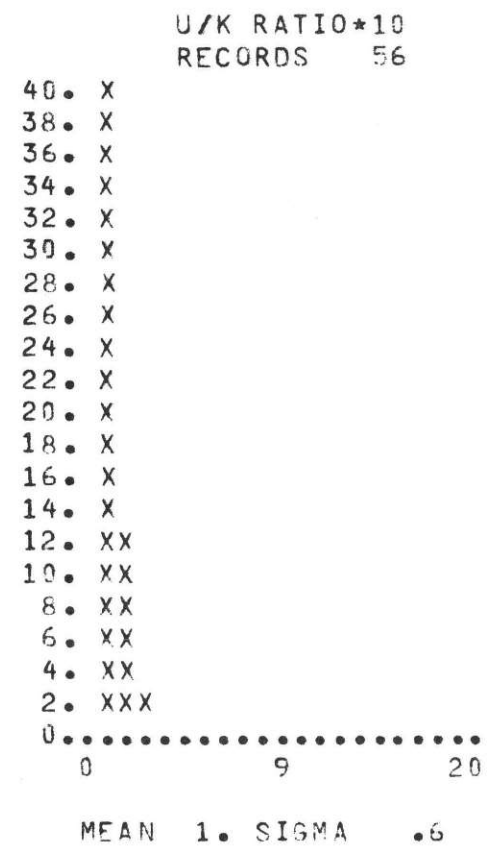
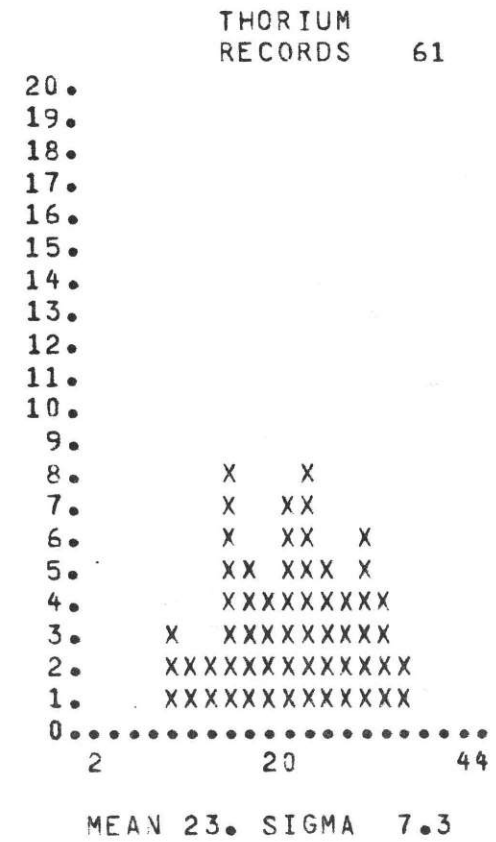
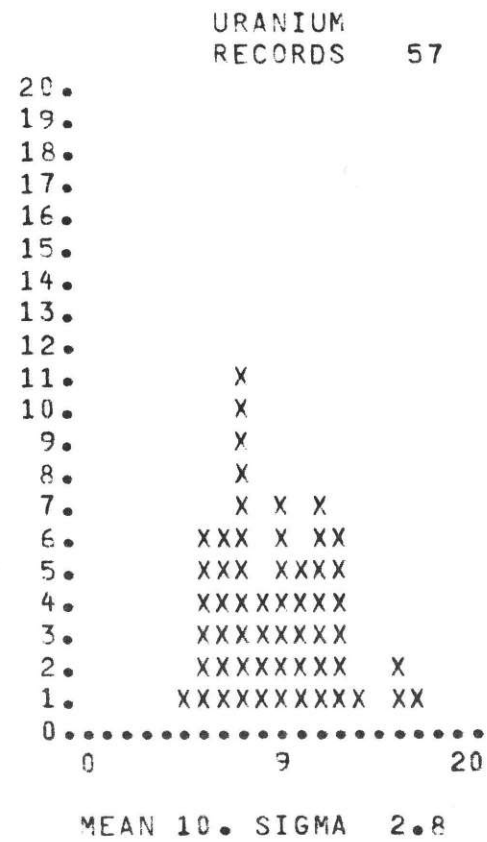
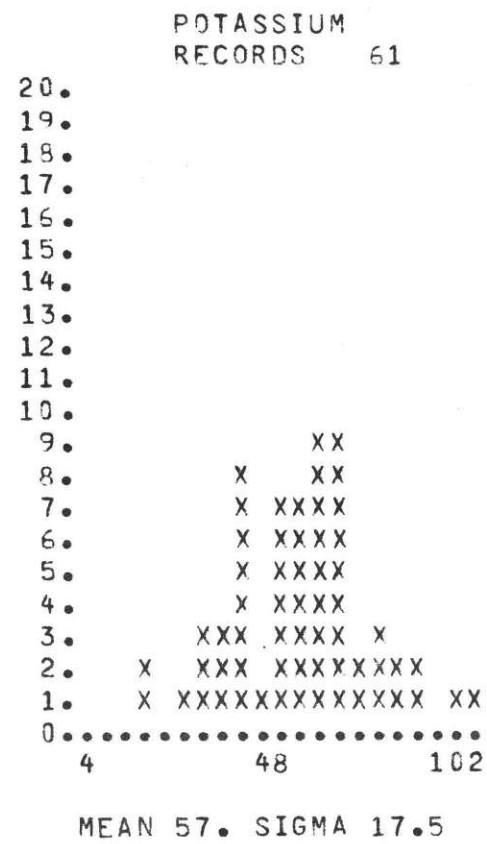
MEAN 2. SIGMA .9

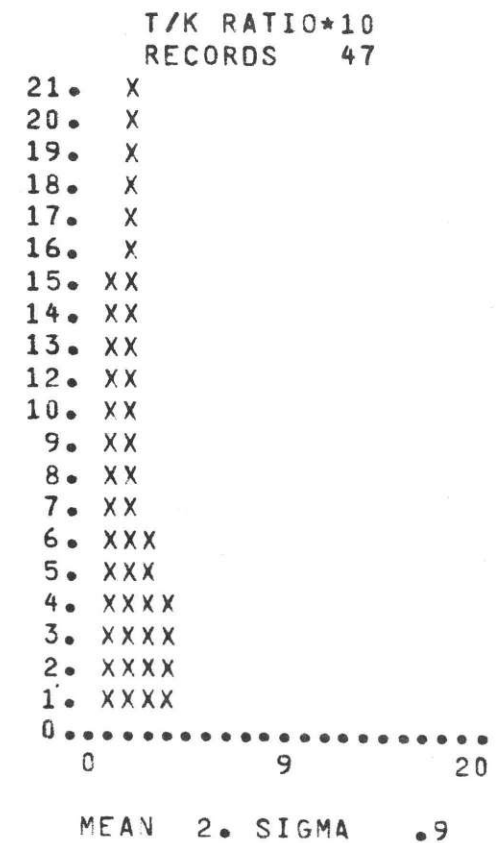
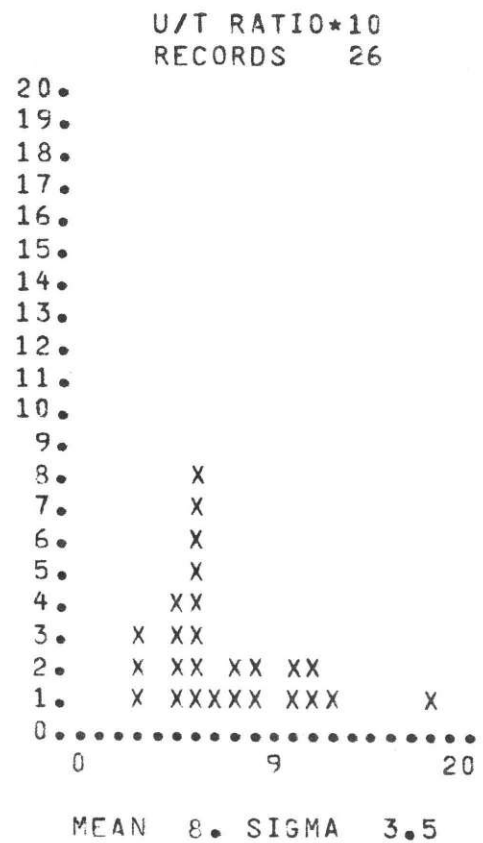
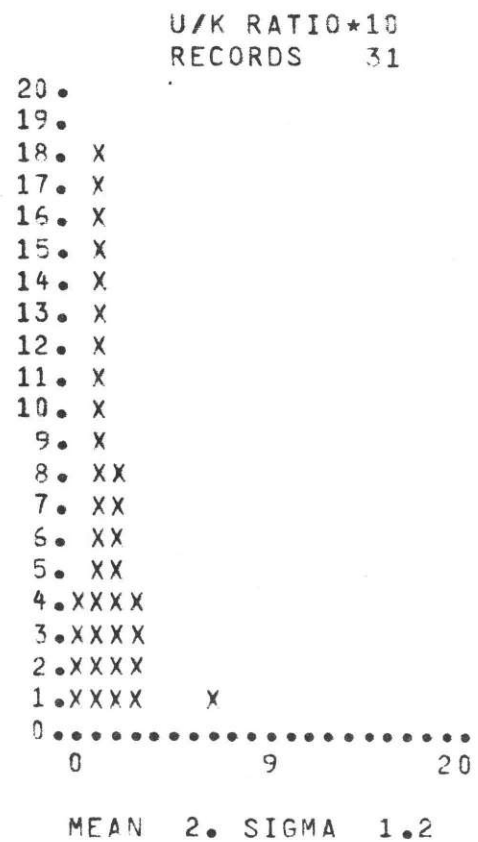
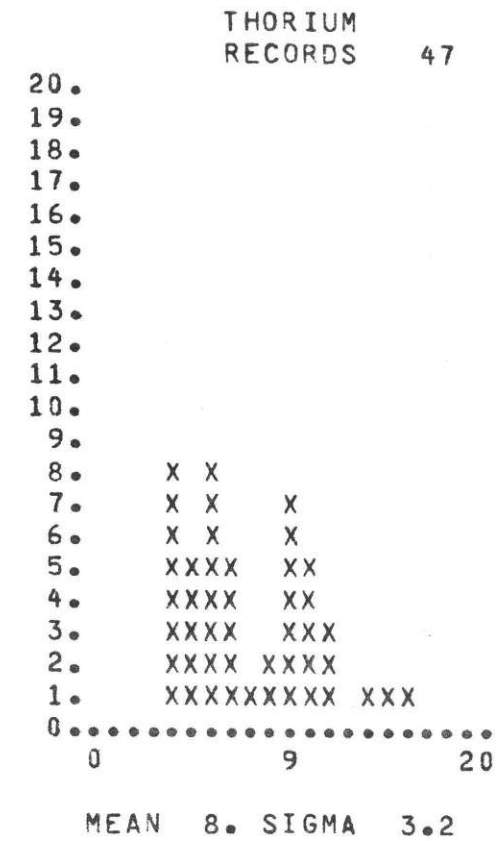
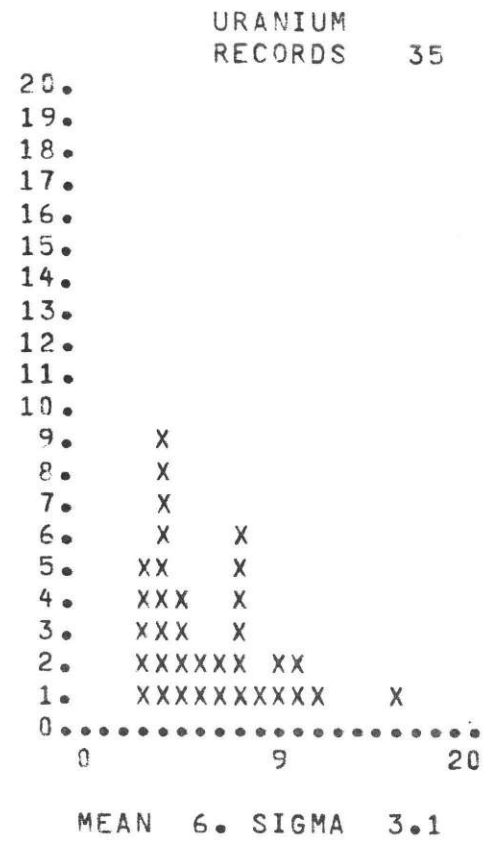
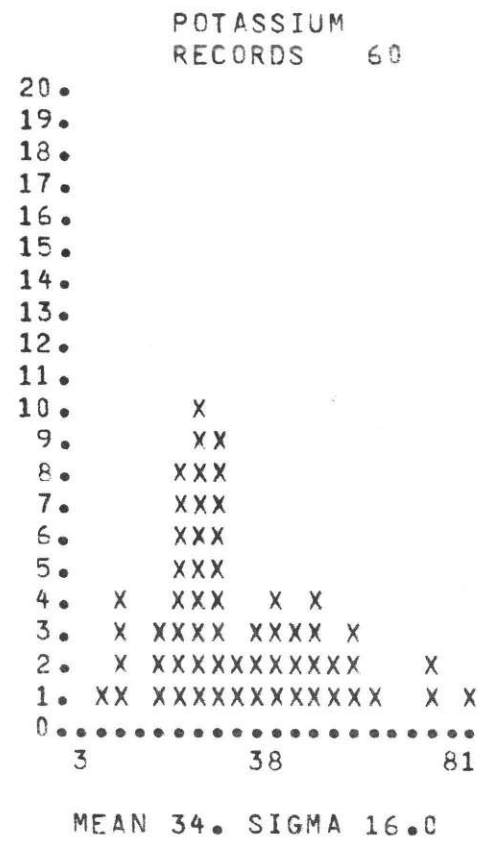
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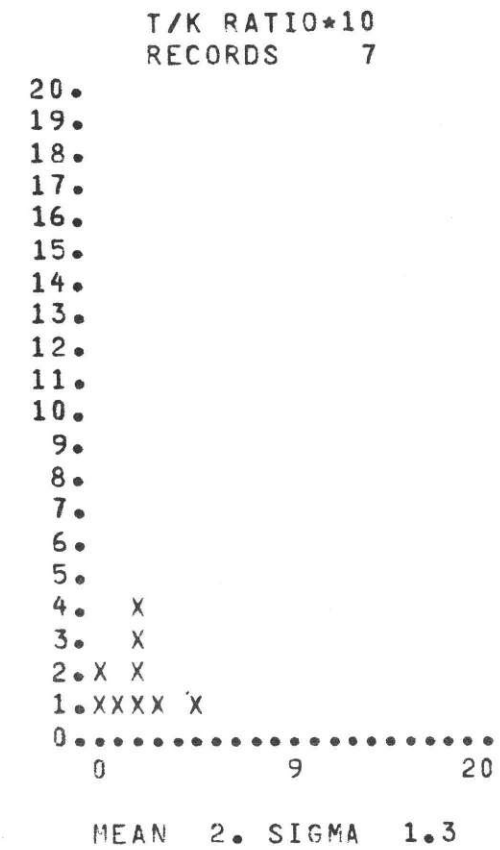
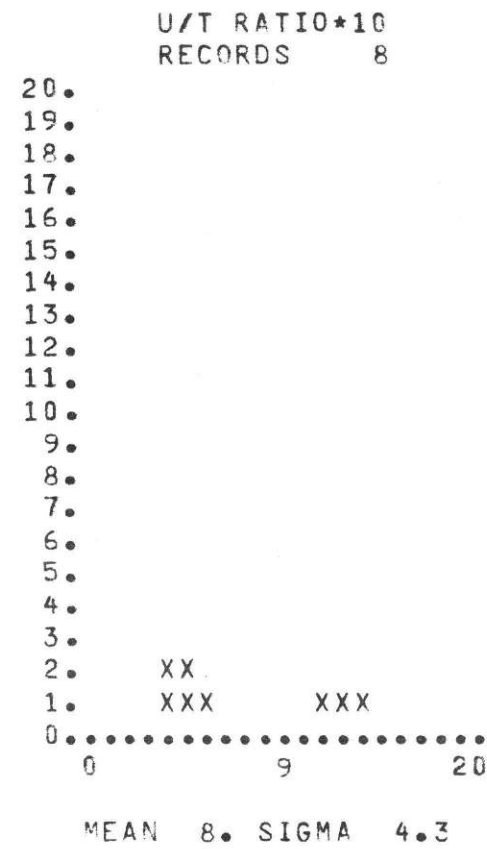
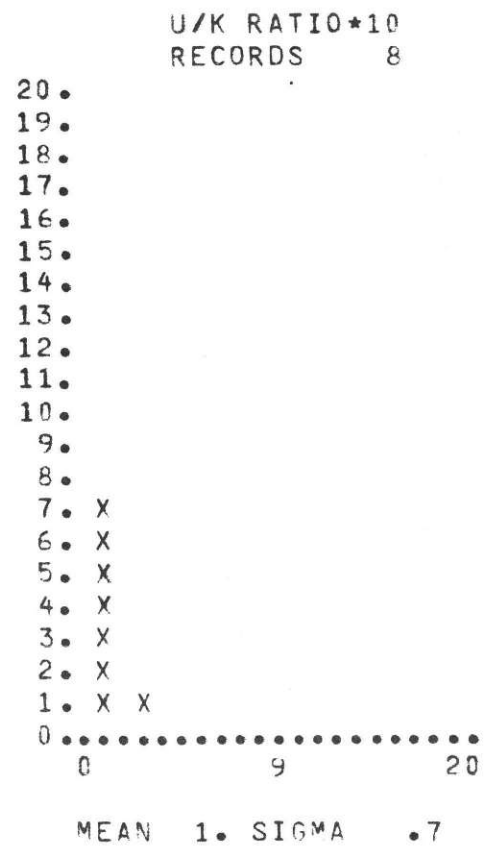
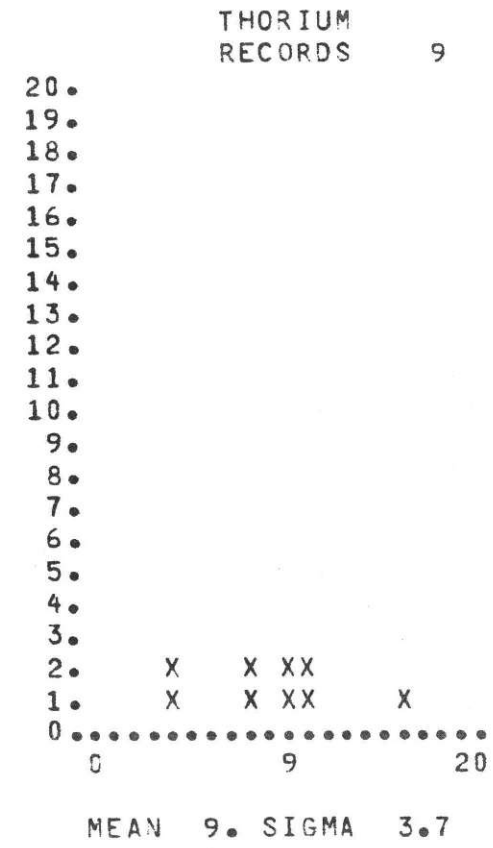
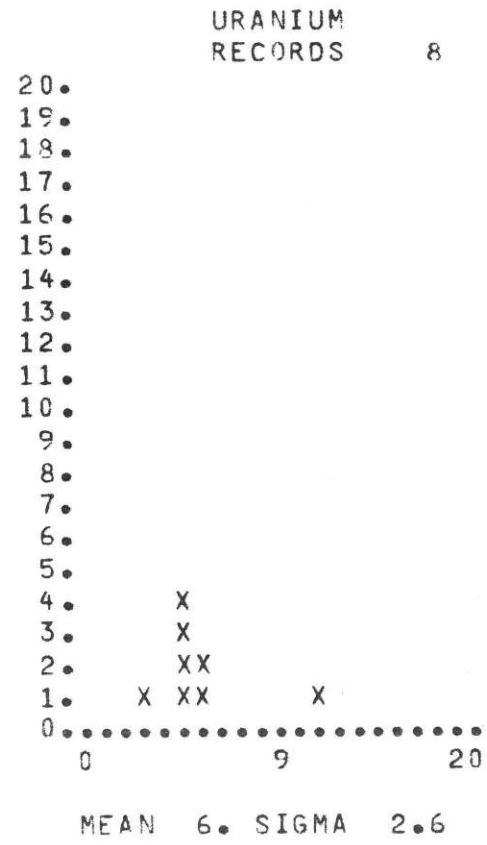
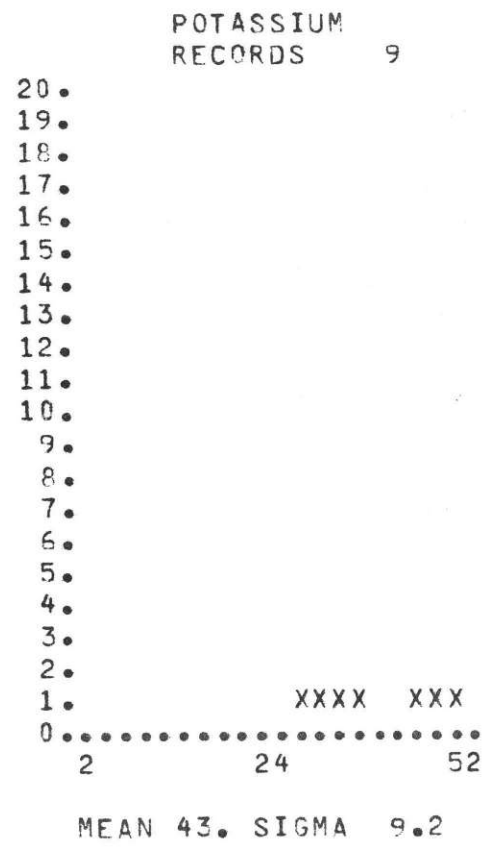


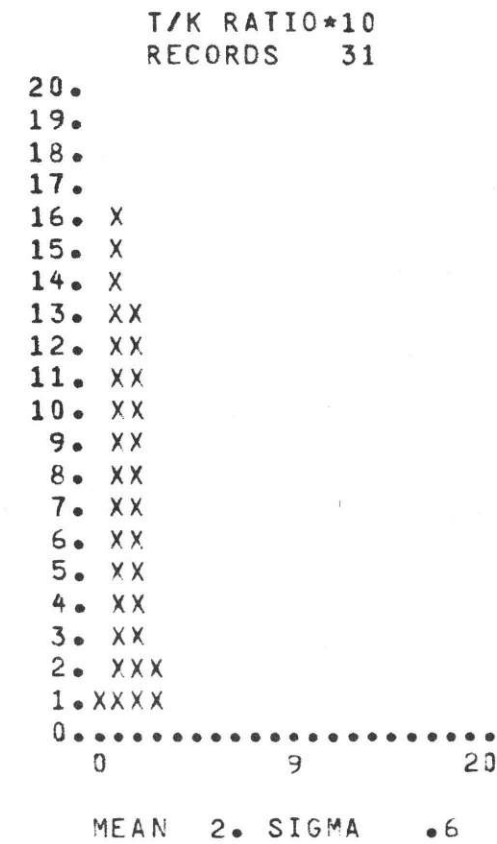
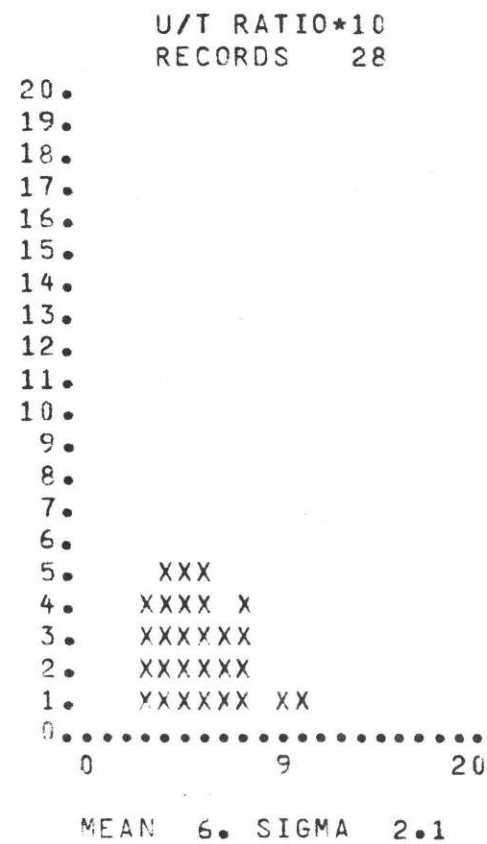
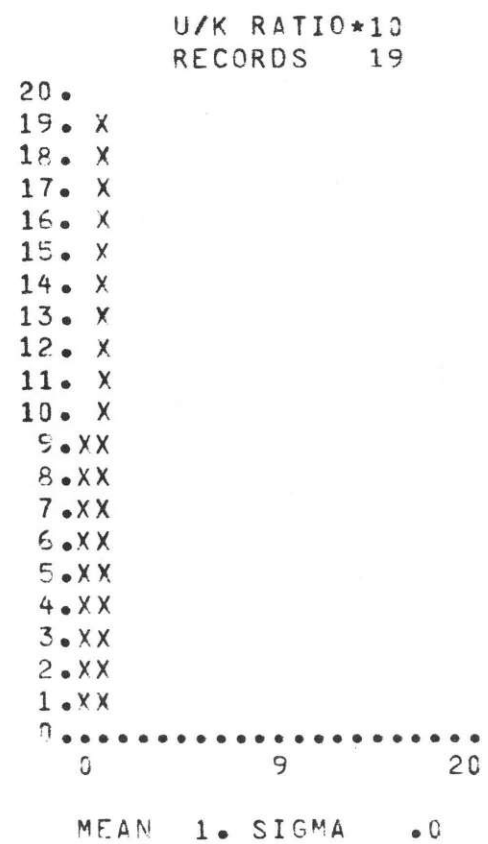
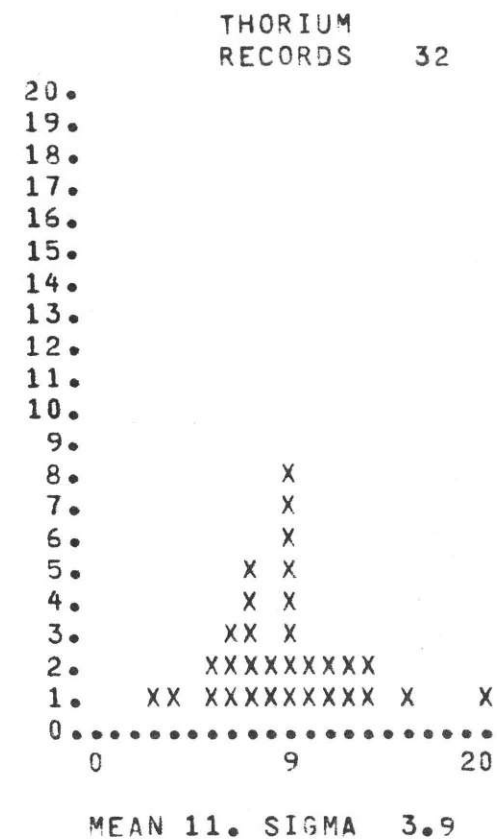
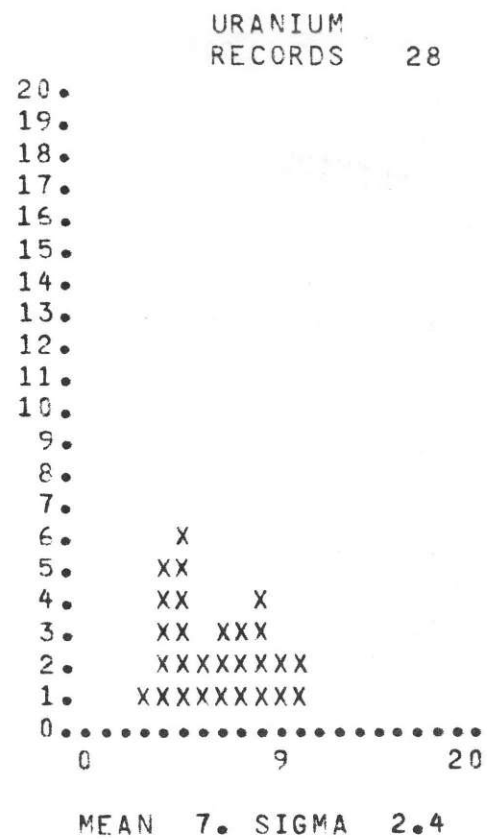
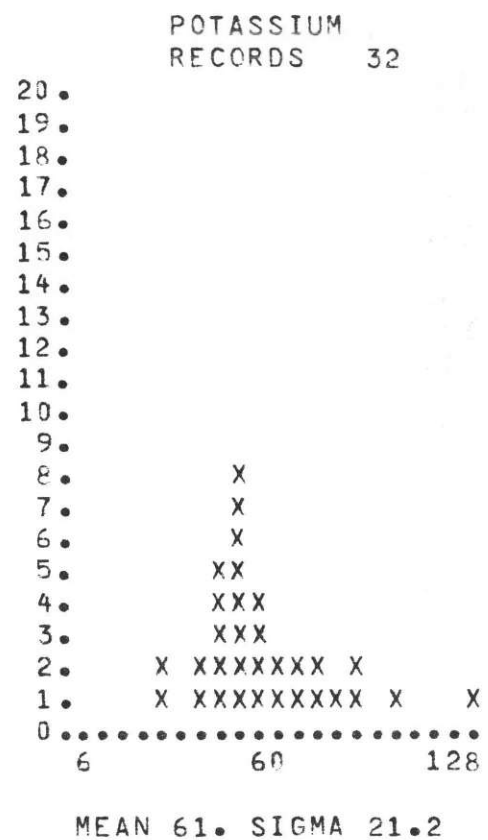


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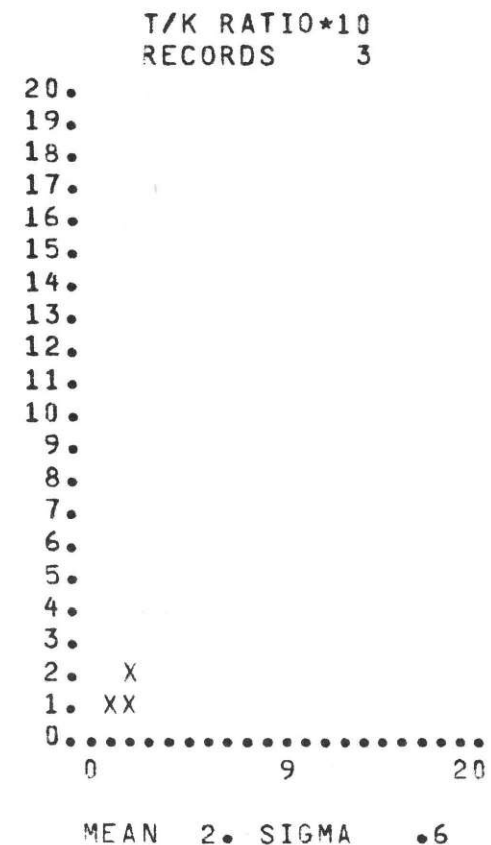
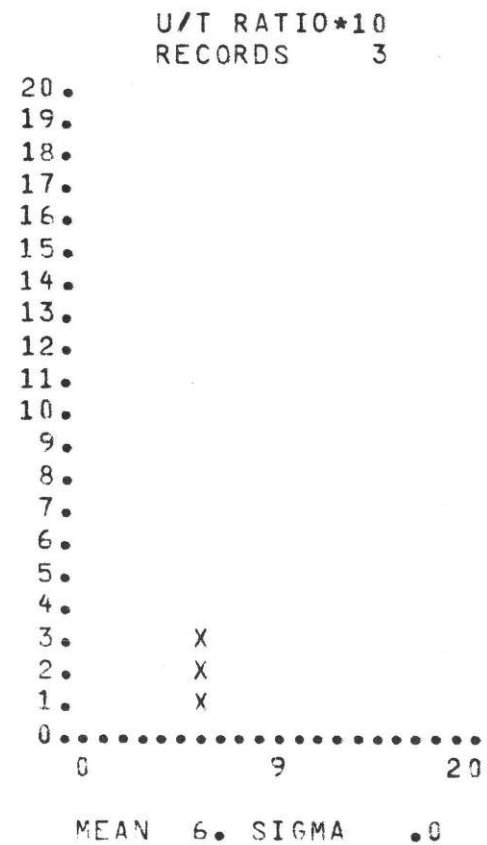
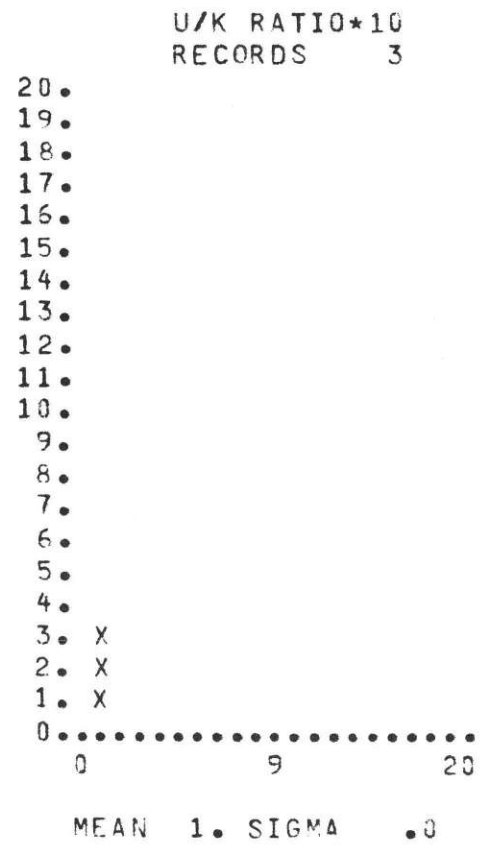
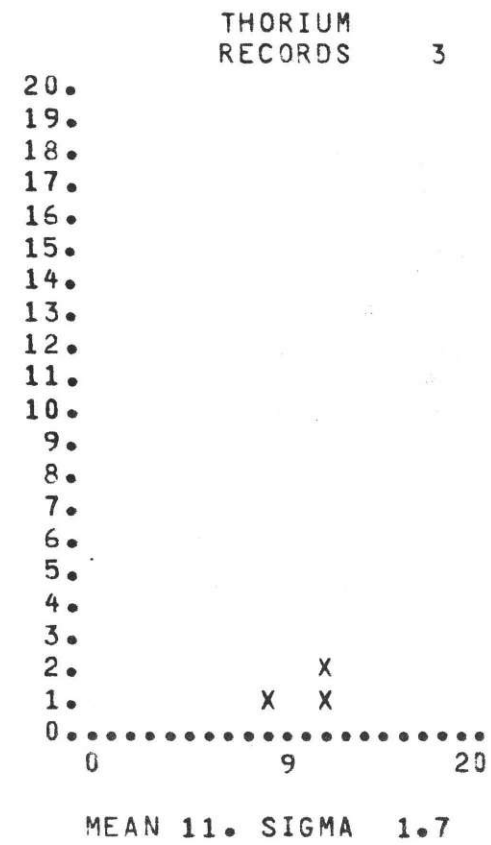
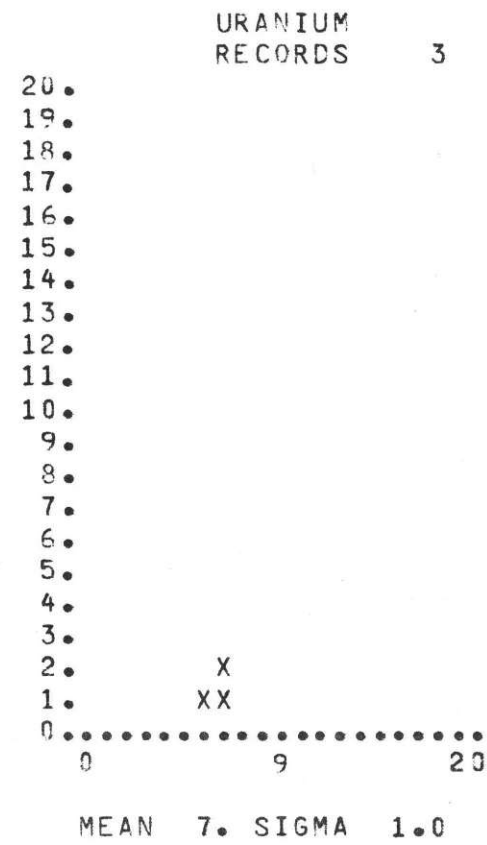
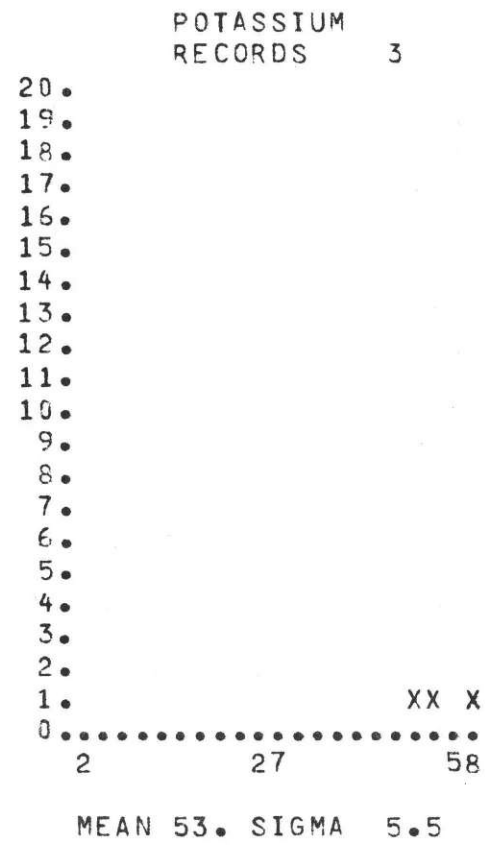


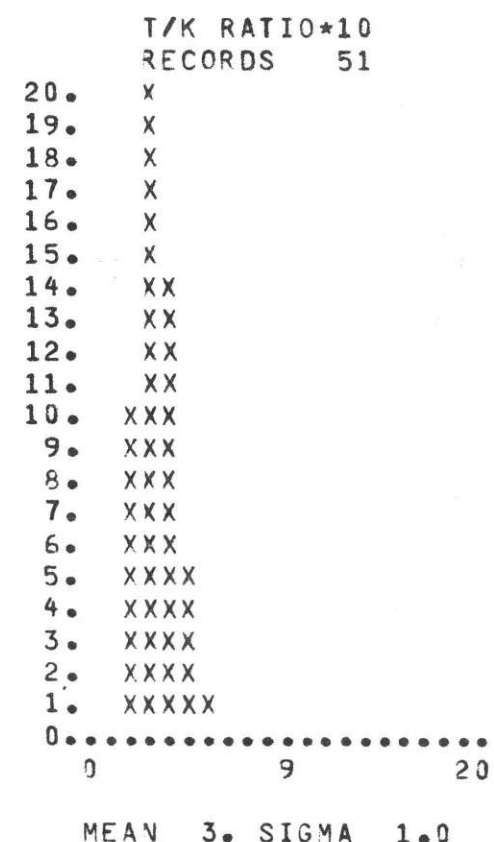
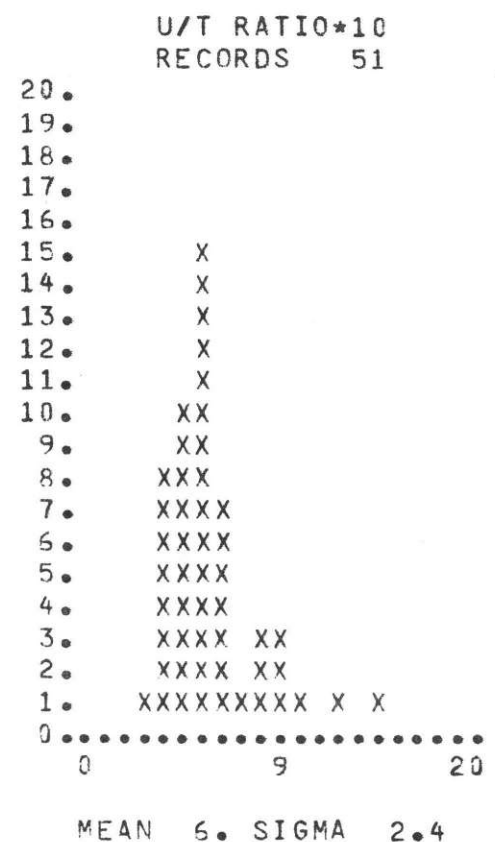
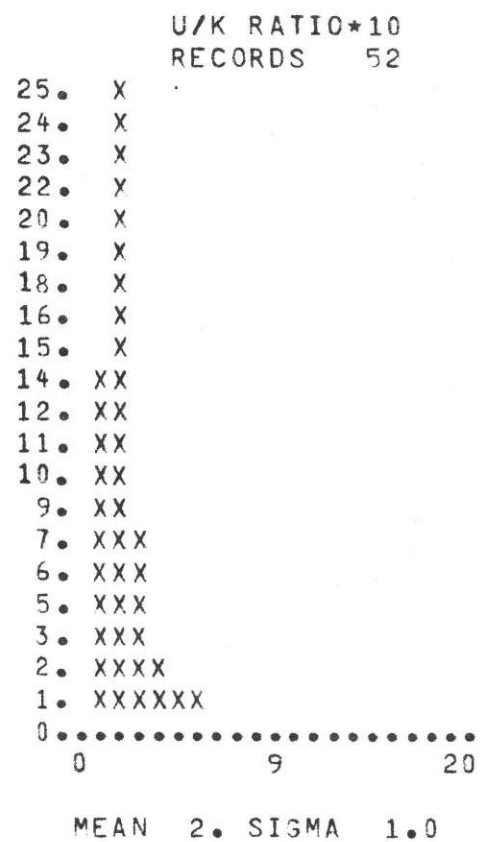
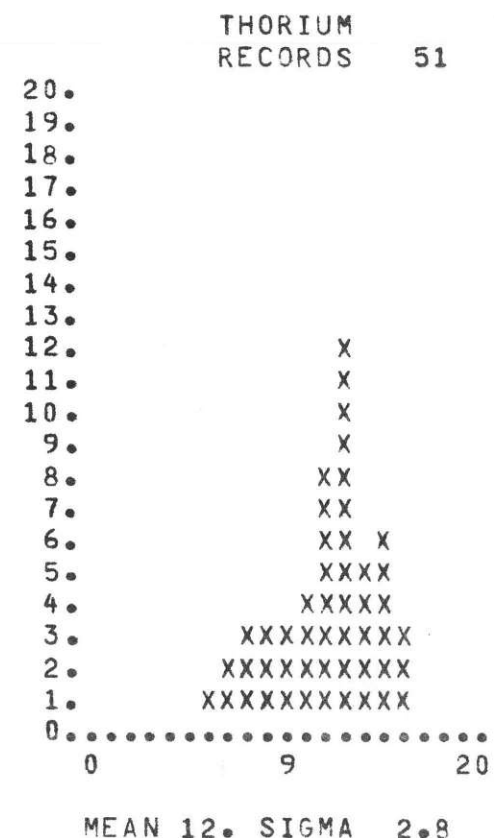
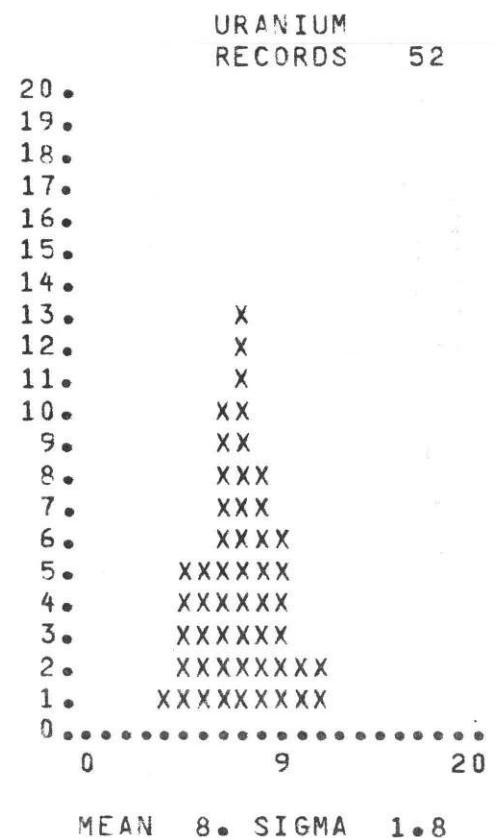
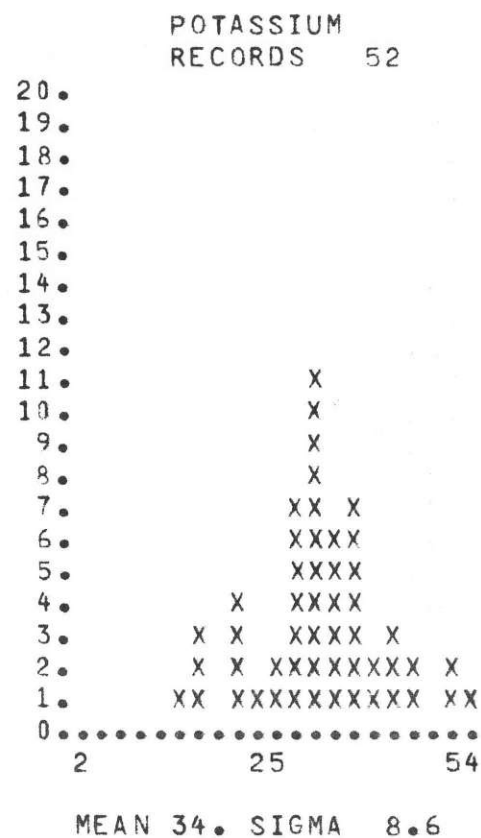


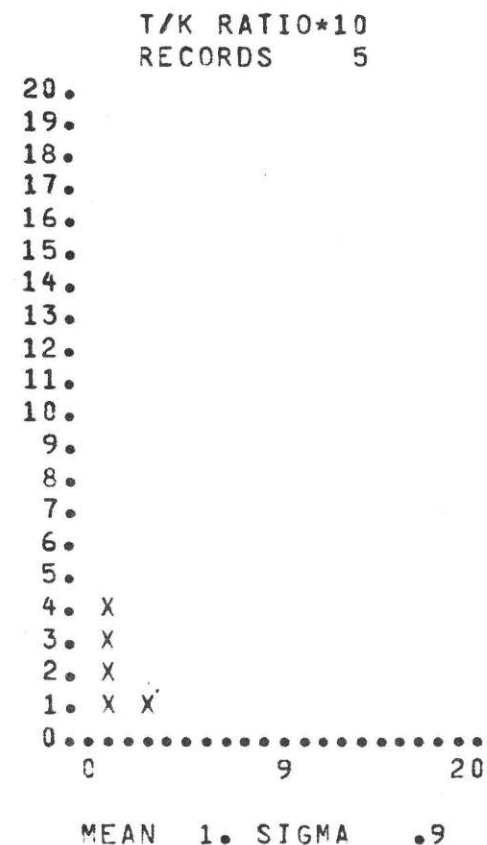
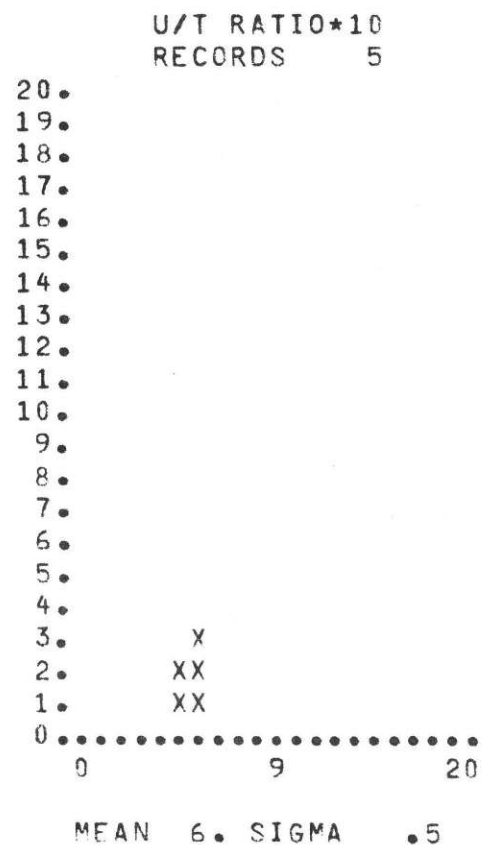
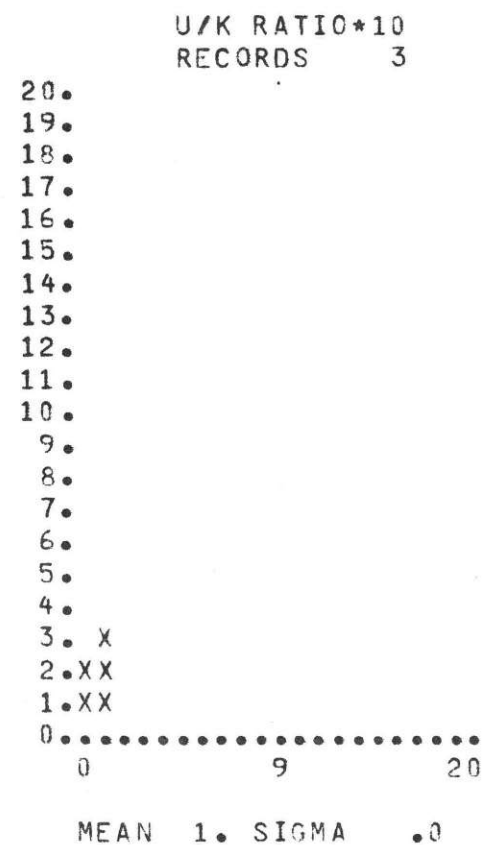
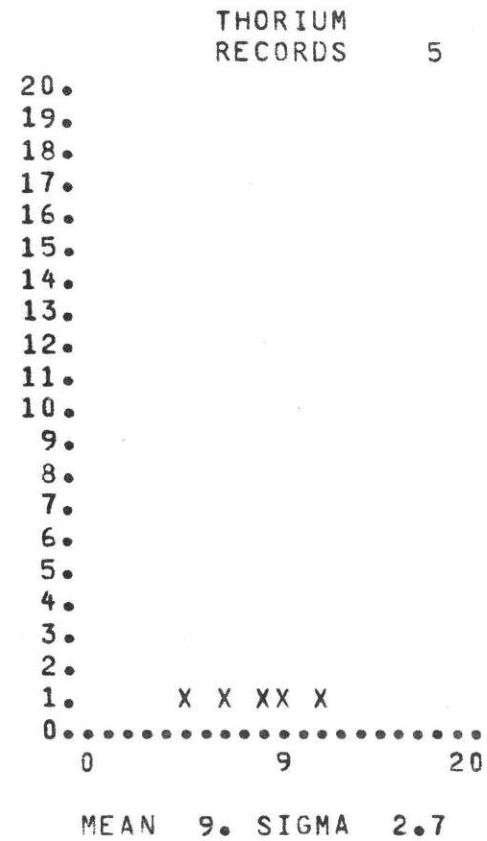
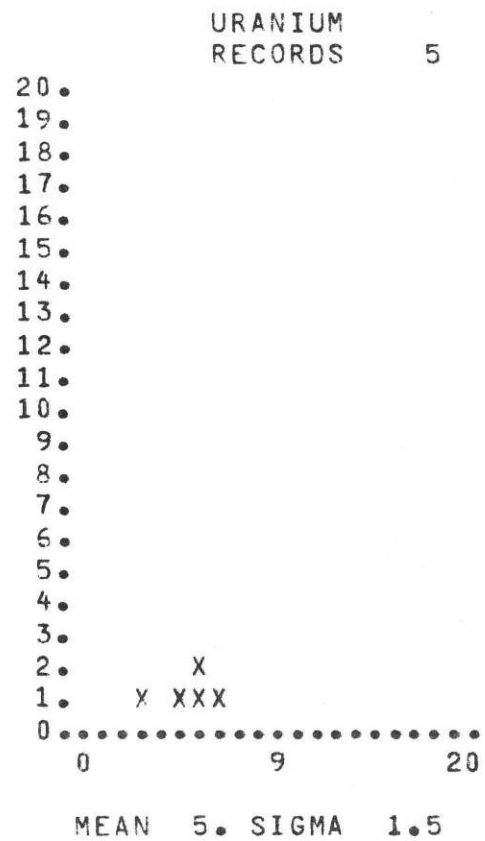
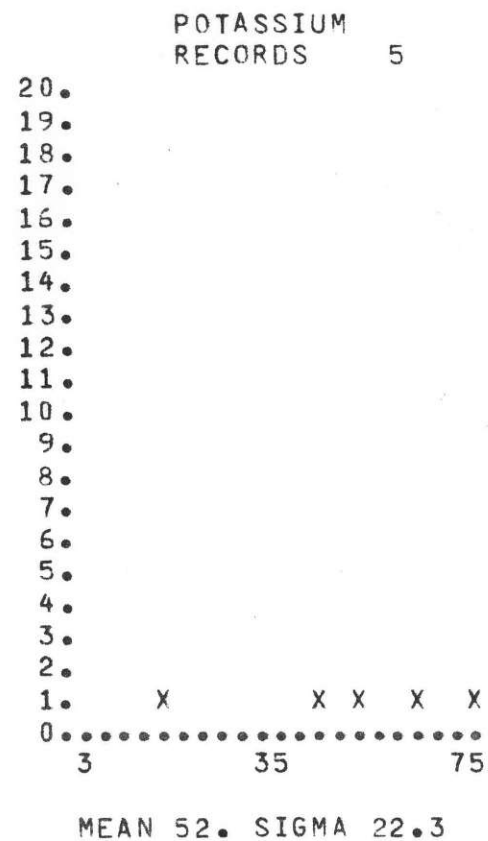


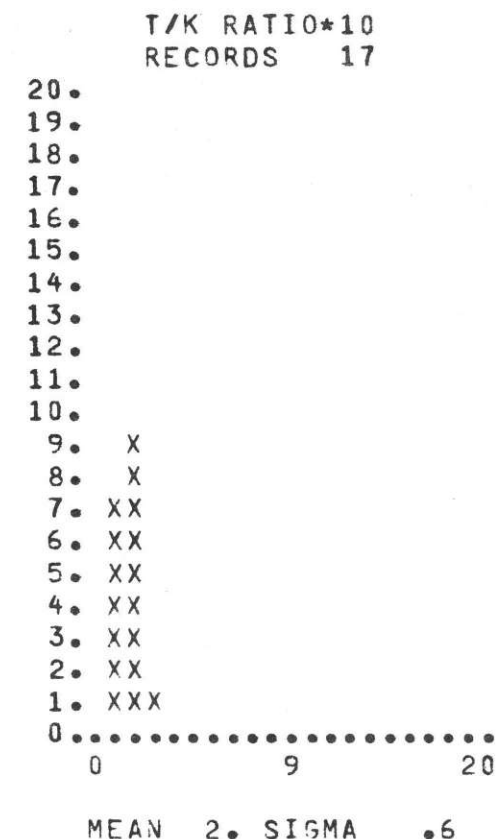
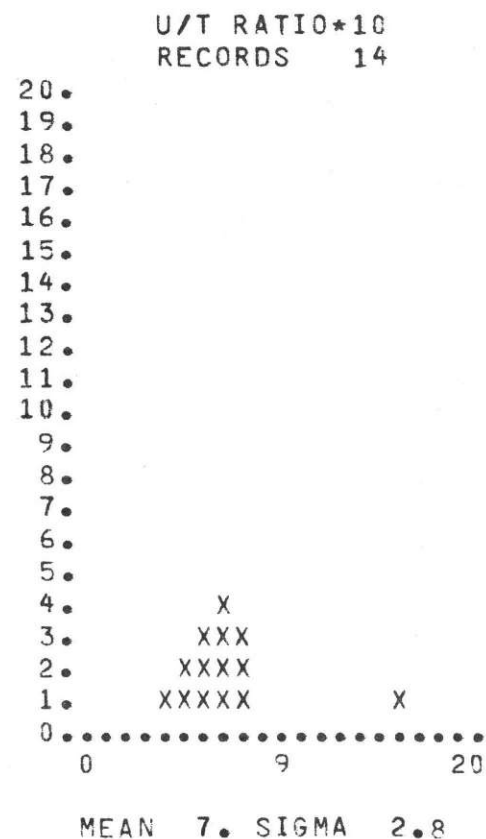
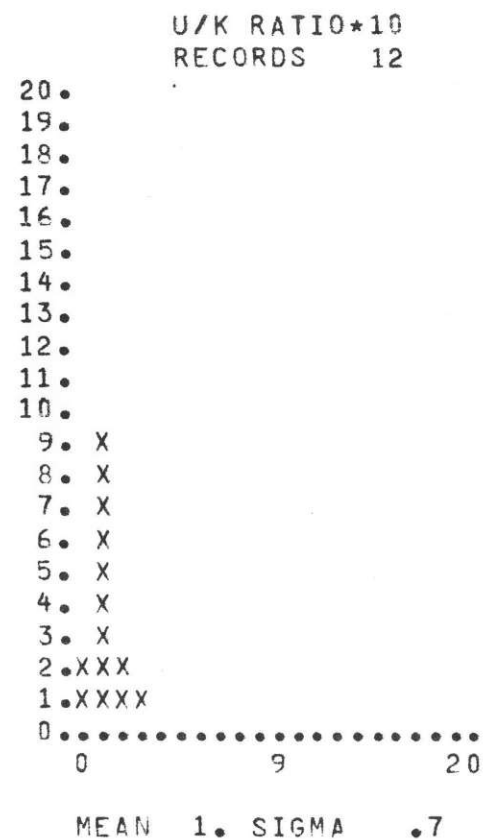
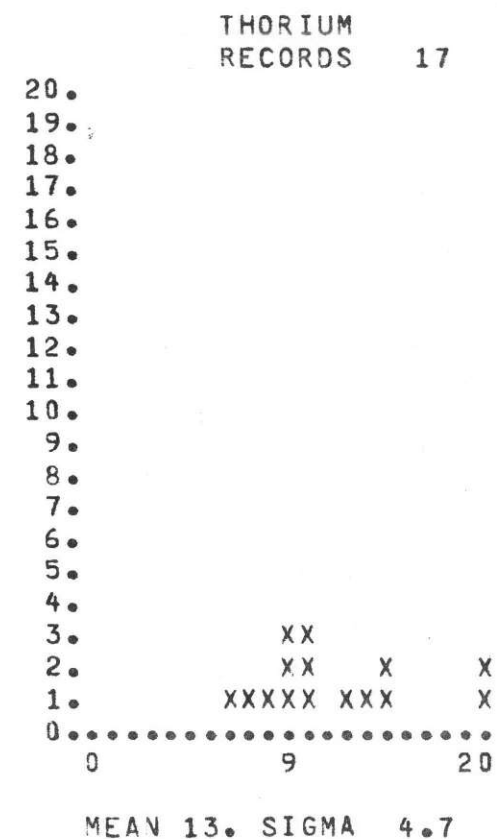
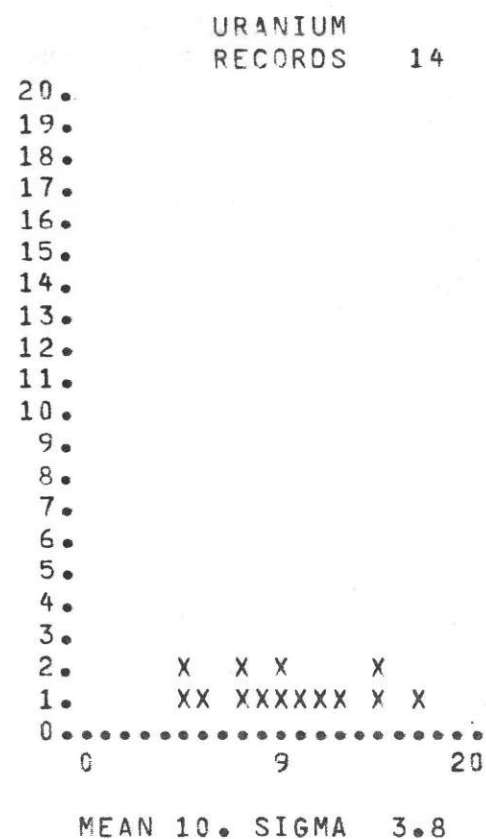
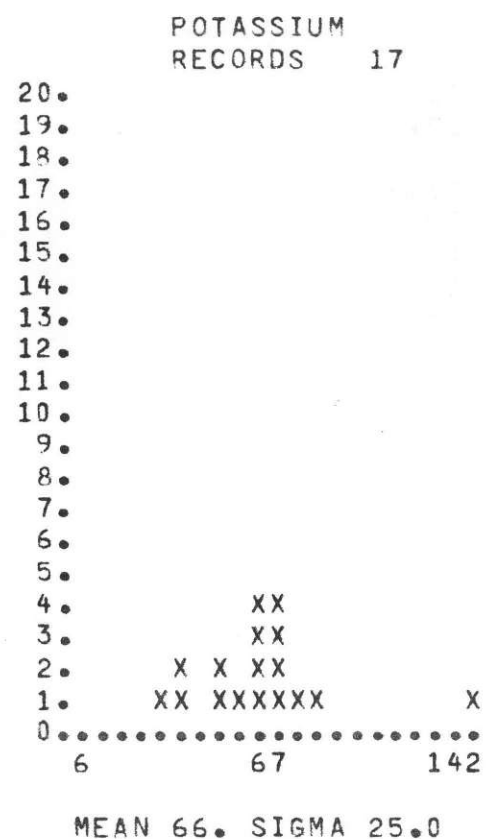


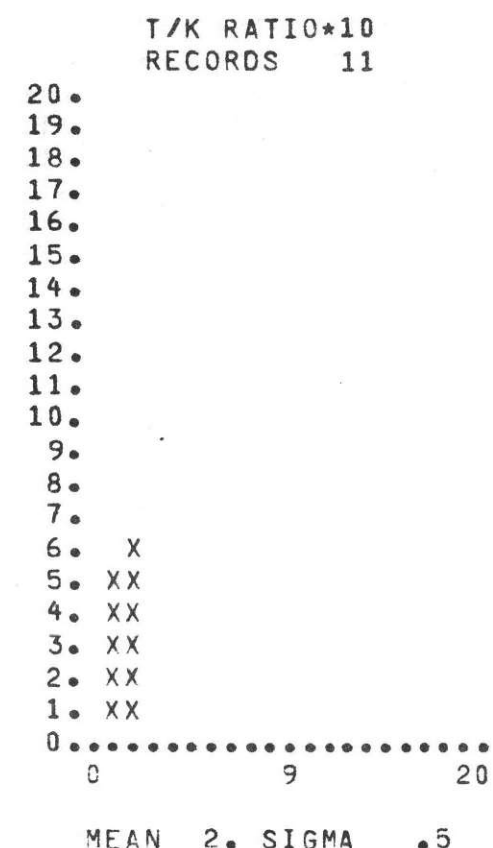
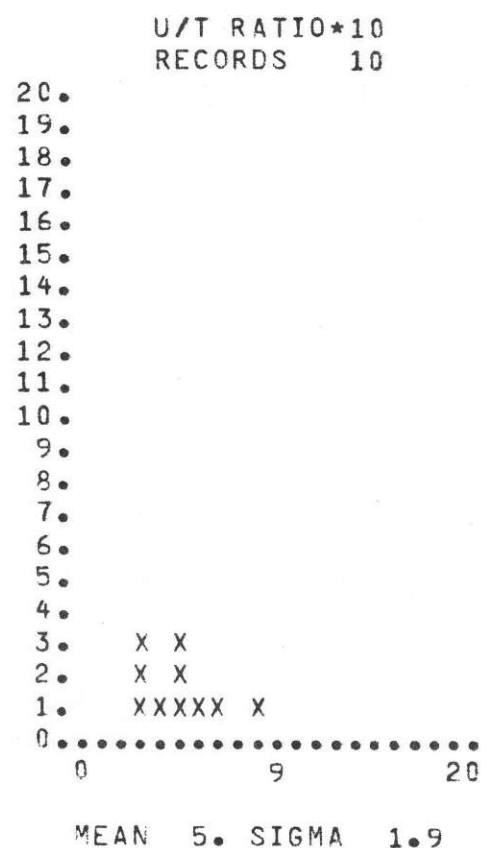
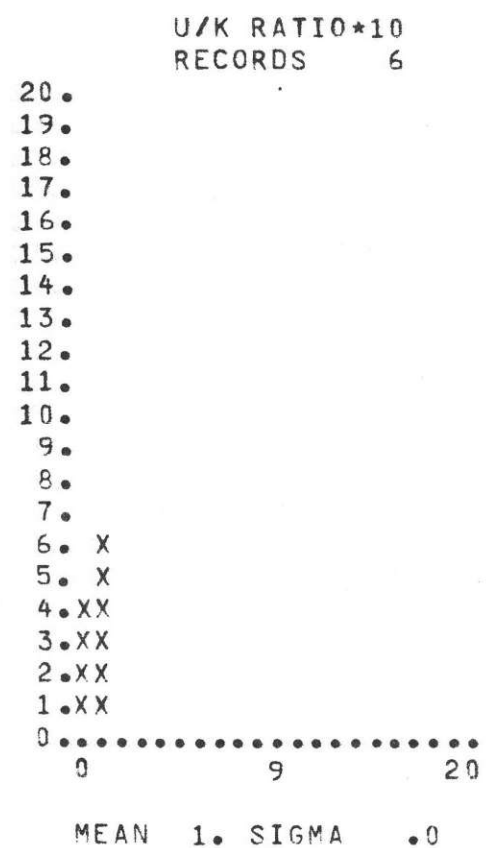
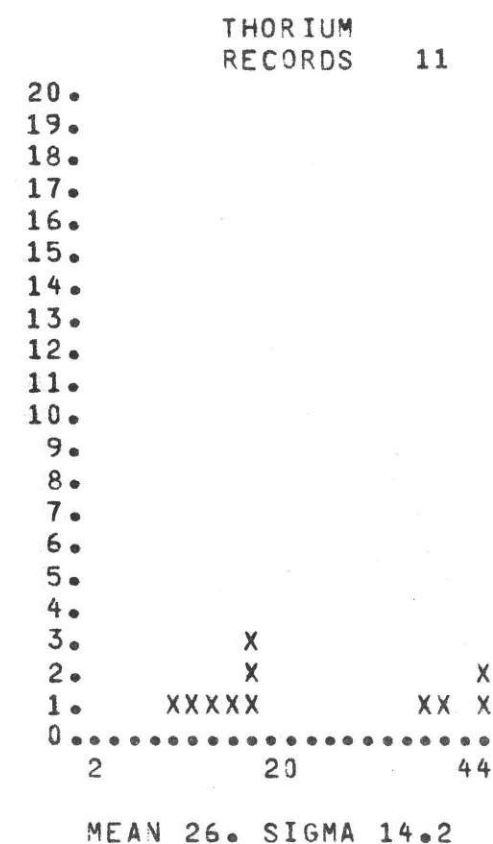
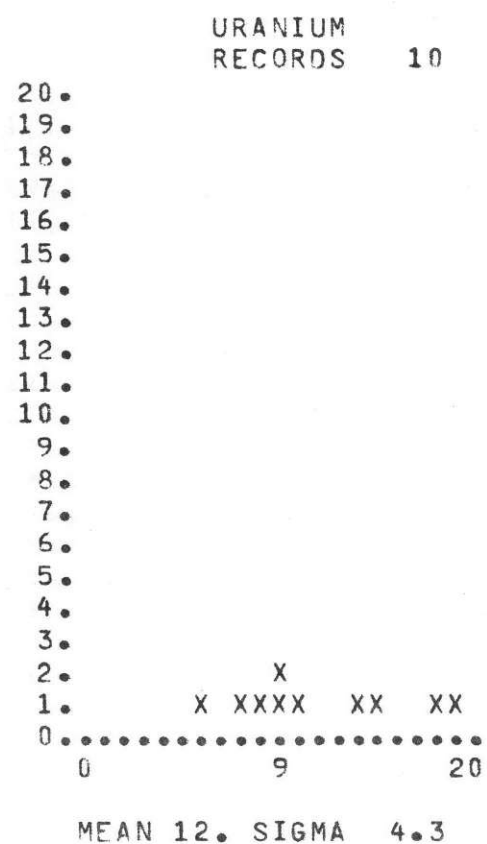
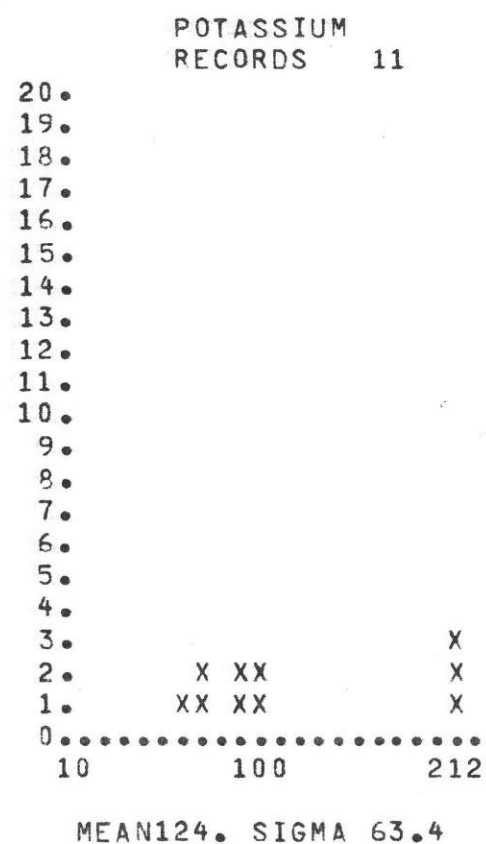
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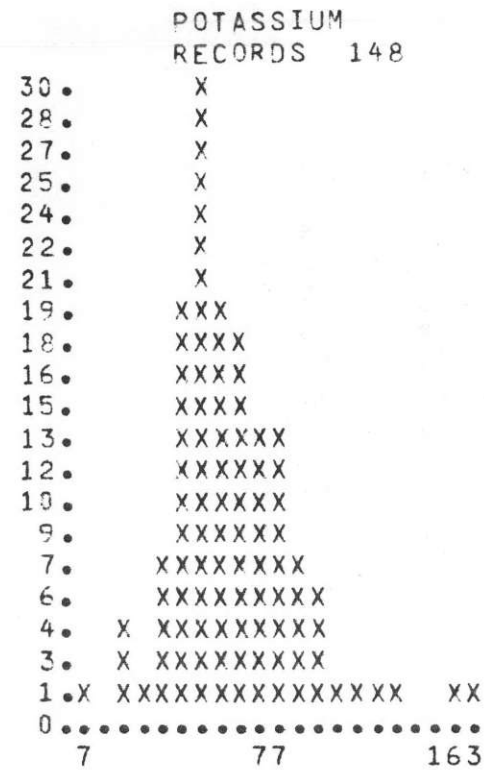




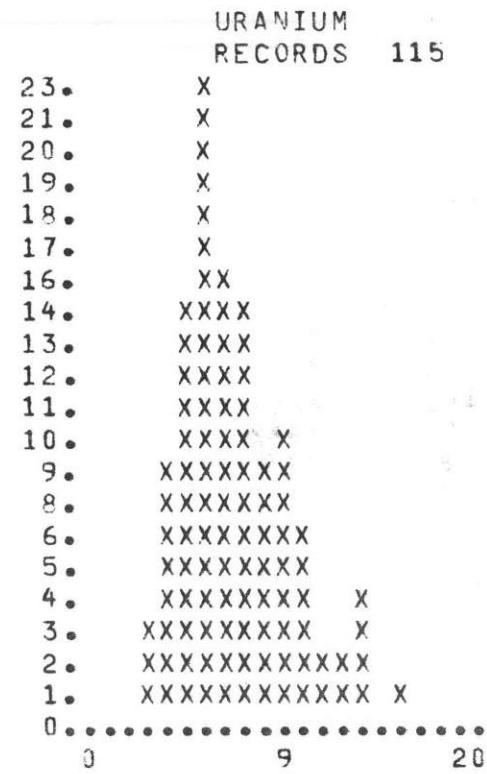




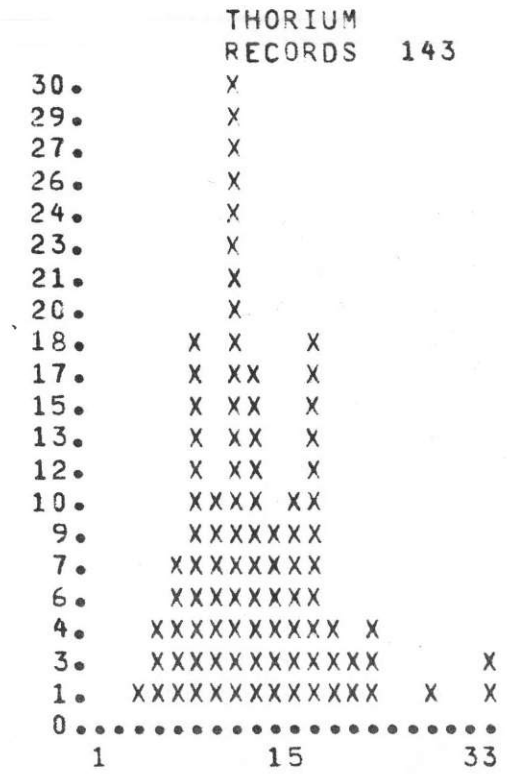
NABESNA ALASKA LKB RESOURCES, INC. 40-76-4104 1976-78
 GEOLOGIC UNIT QTW



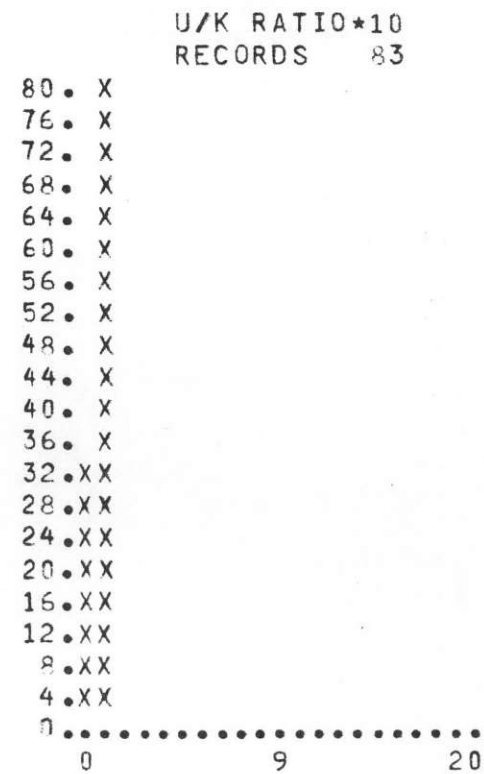
MEAN 65. SIGMA 24.2



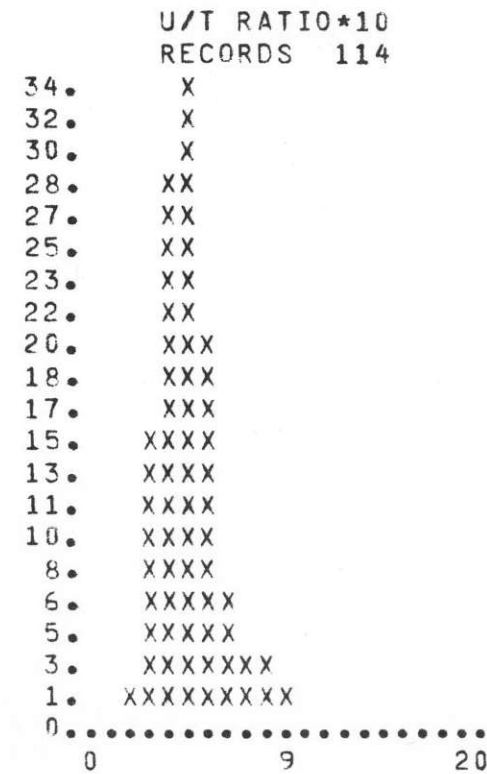
MEAN 8. SIGMA 2.7



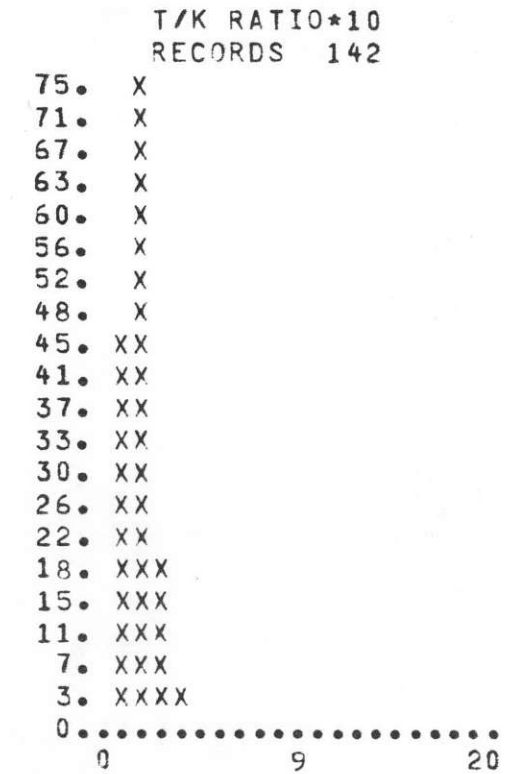
MEAN 15. SIGMA 5.5



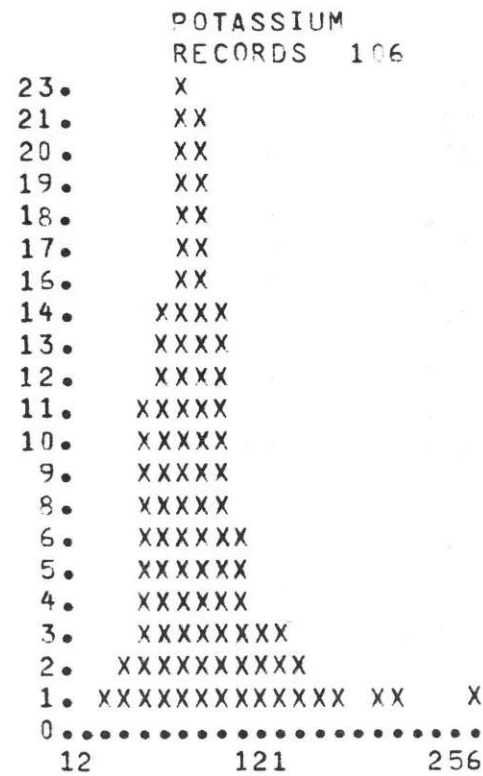
MEAN 1. SIGMA .2



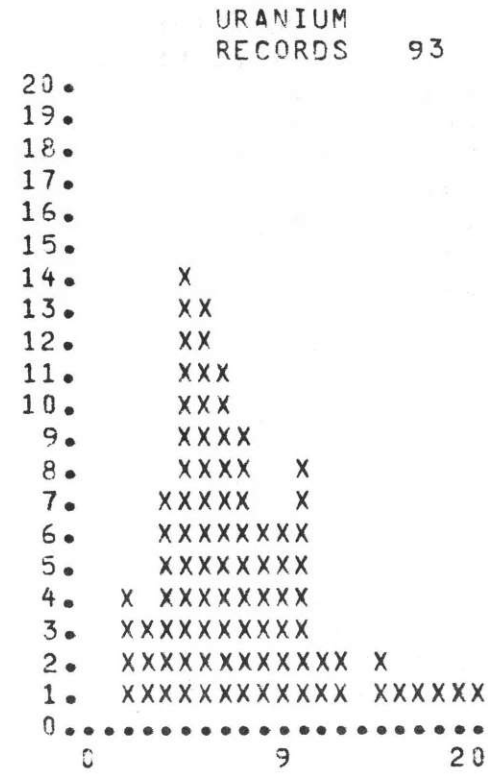
MEAN 5. SIGMA 1.6



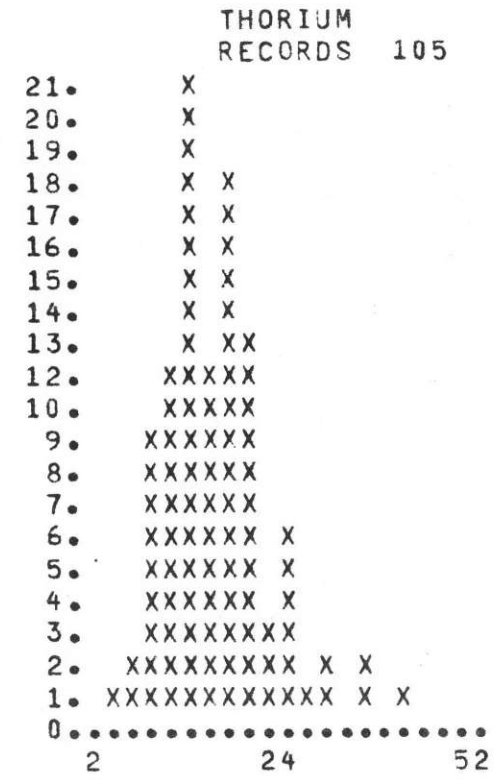
MEAN 2. SIGMA .8



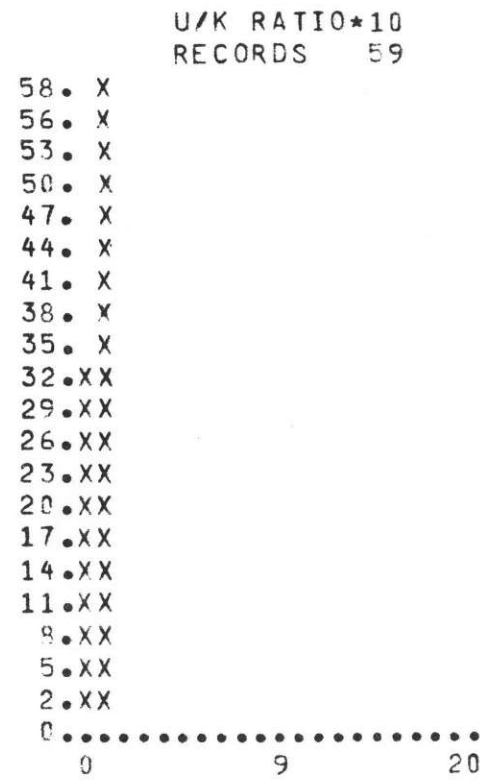
MEAN 80. SIGMA 34.8



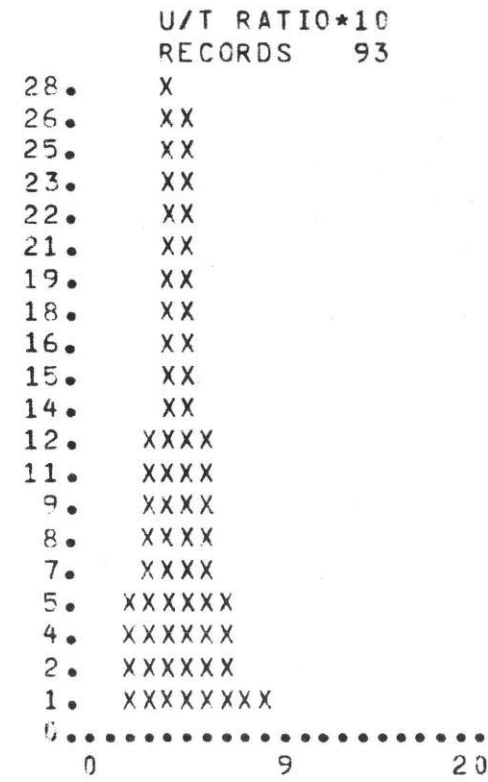
MEAN 9. SIGMA 4.0



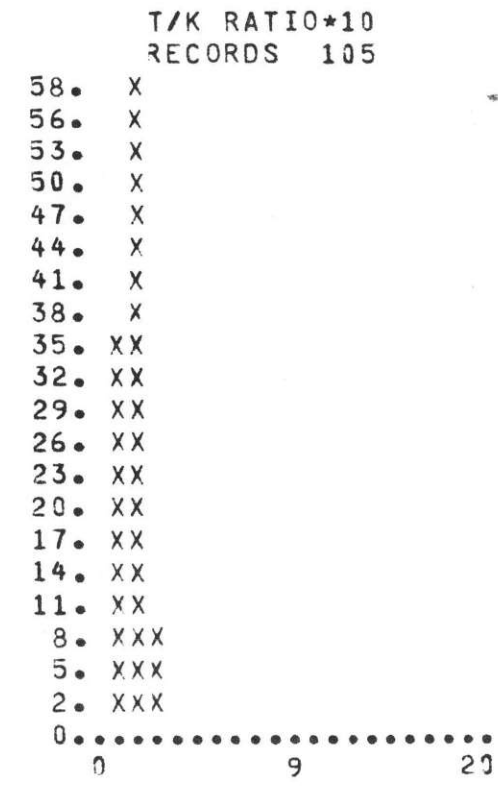
MEAN 18. SIGMA 7.7



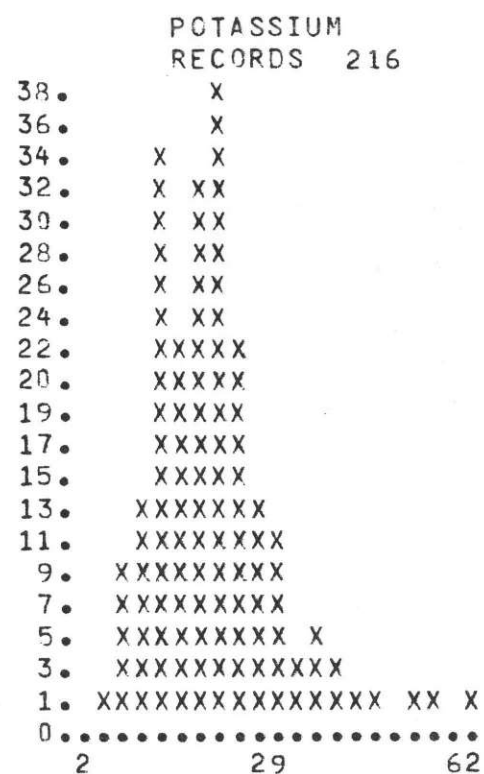
MEAN 1. SIGMA .0



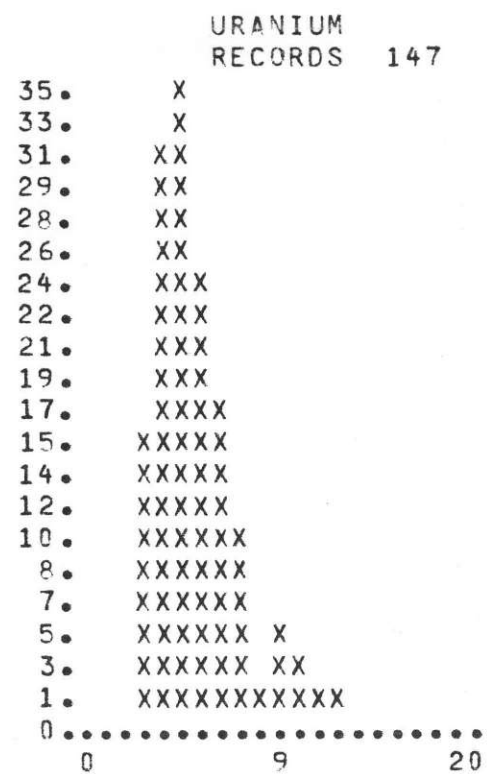
MEAN 5. SIGMA 1.4



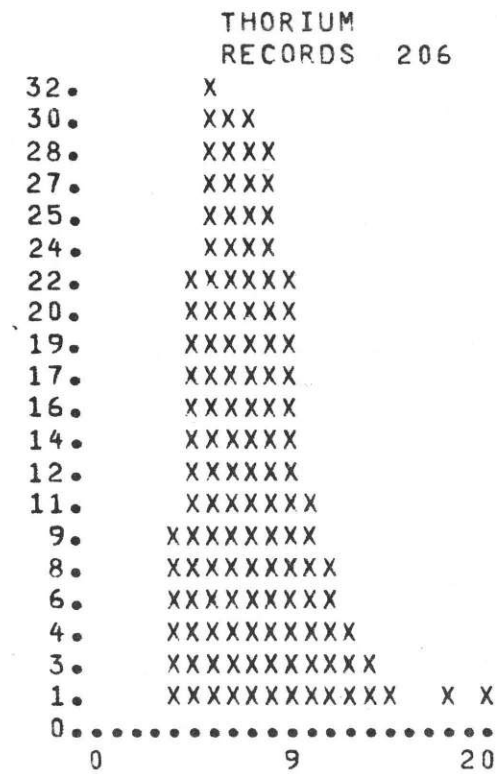
MEAN 2. SIGMA .6



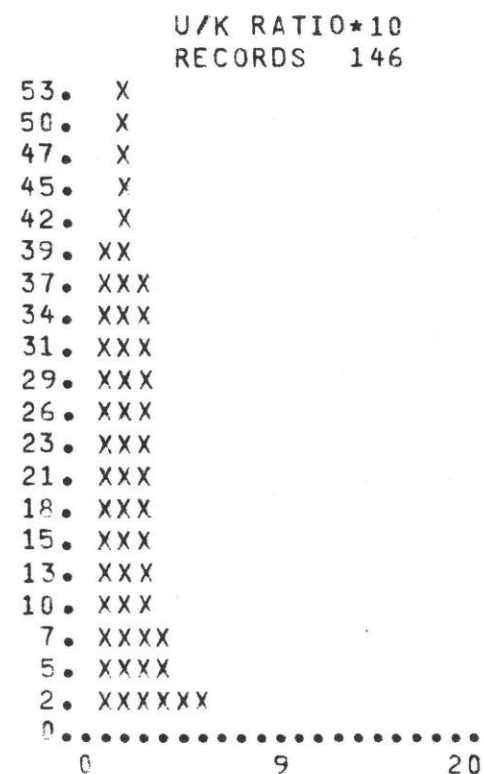
MEAN 22. SIGMA 9.2



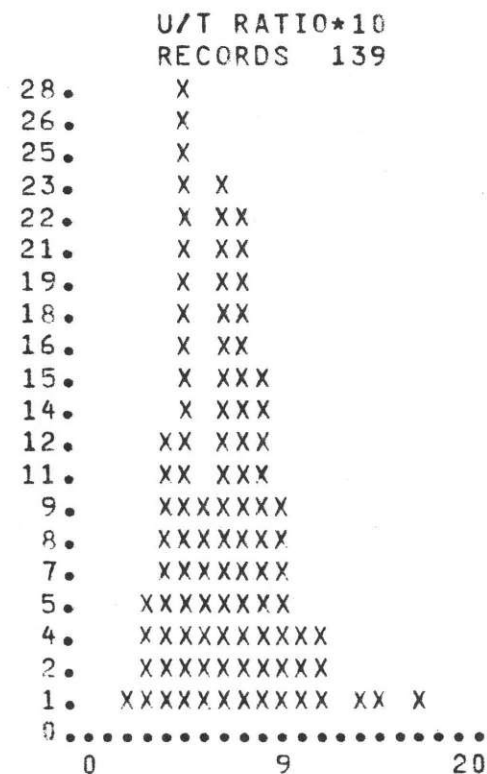
MEAN 6. SIGMA 2.0



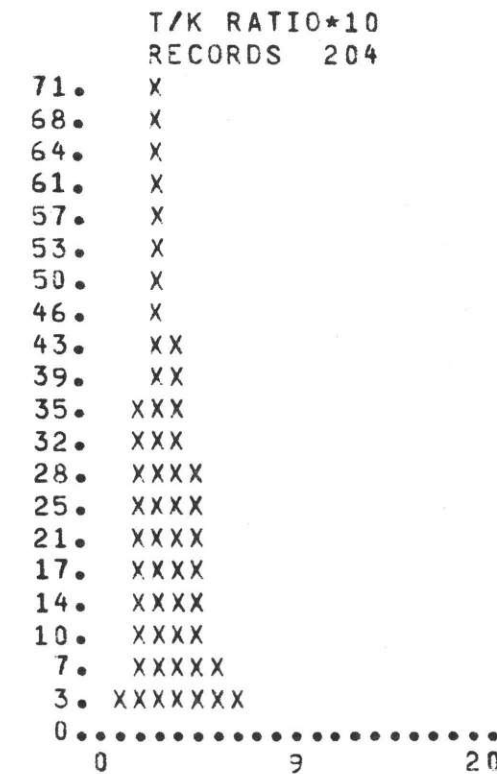
MEAN 8. SIGMA 2.6



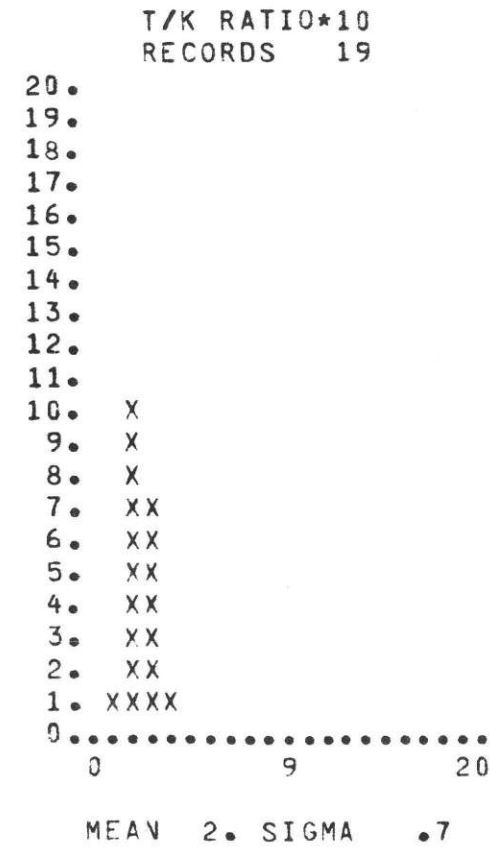
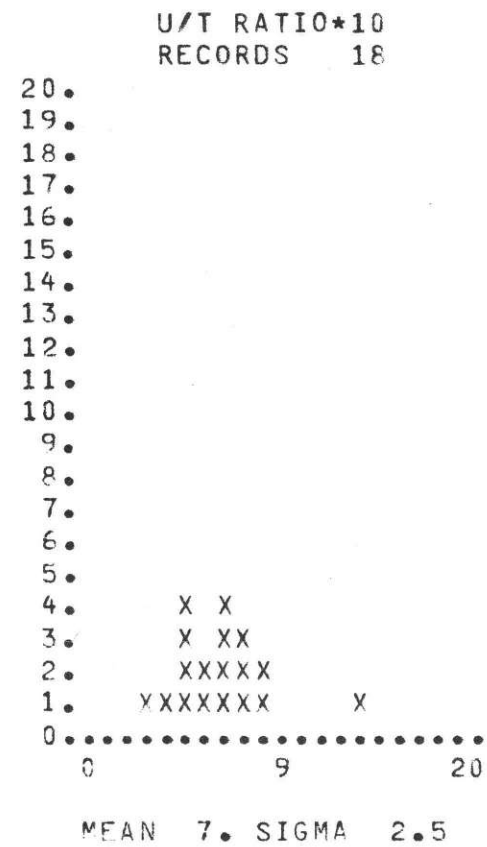
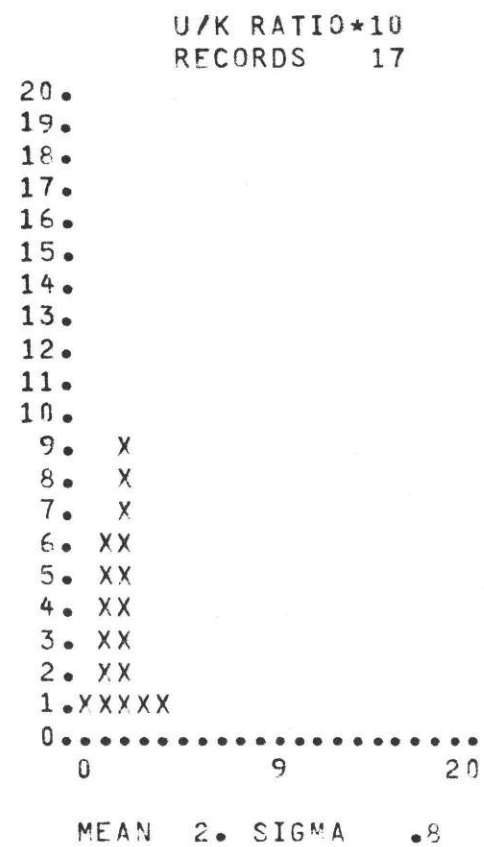
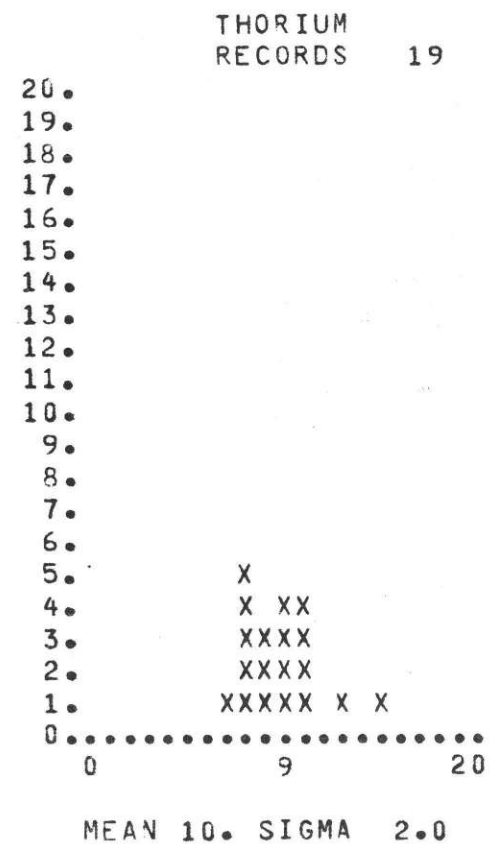
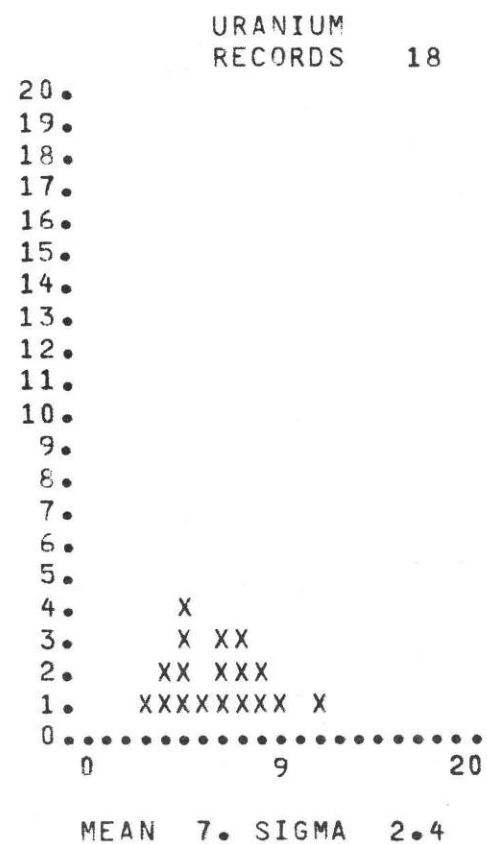
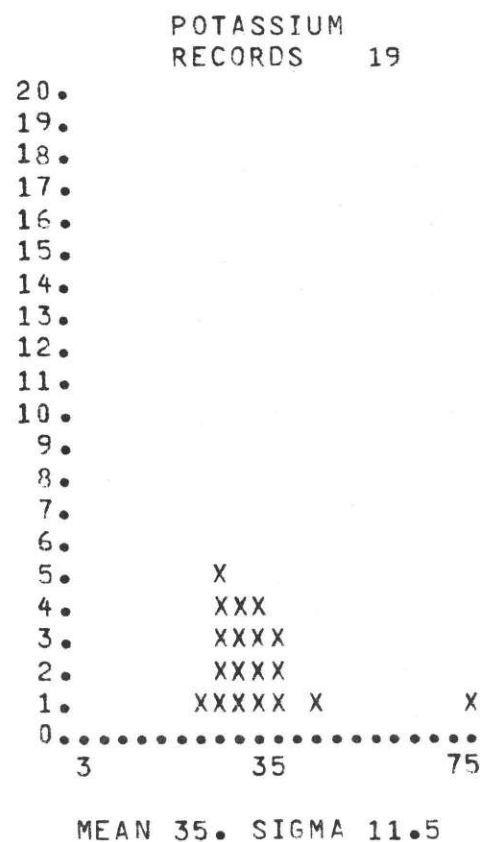
MEAN 2. SIGMA 1.4

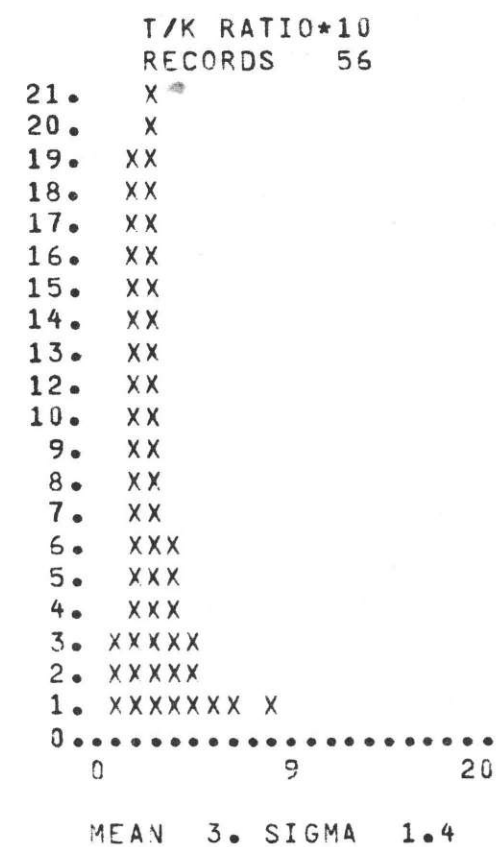
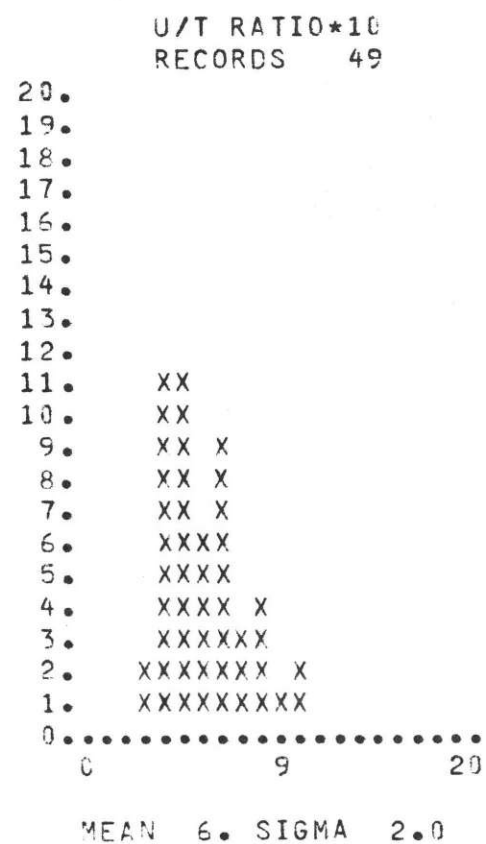
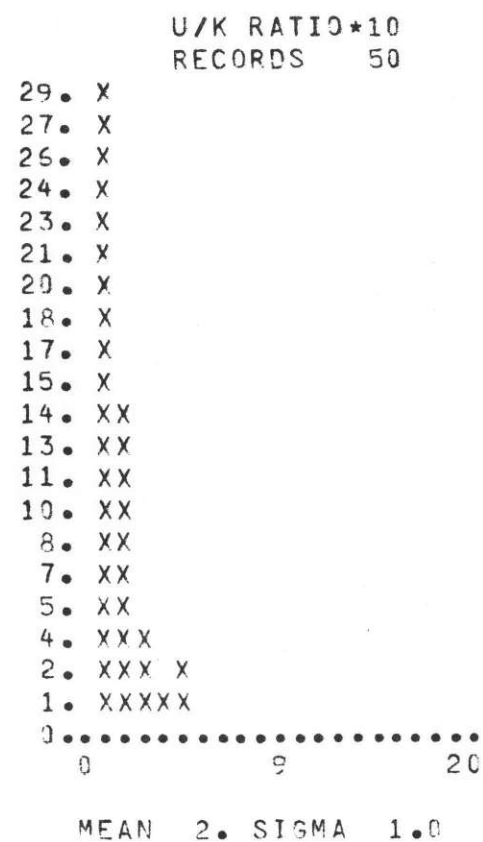
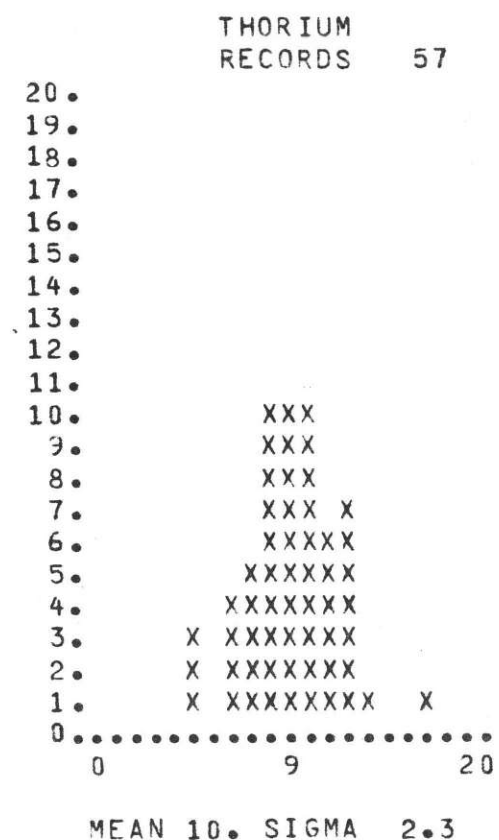
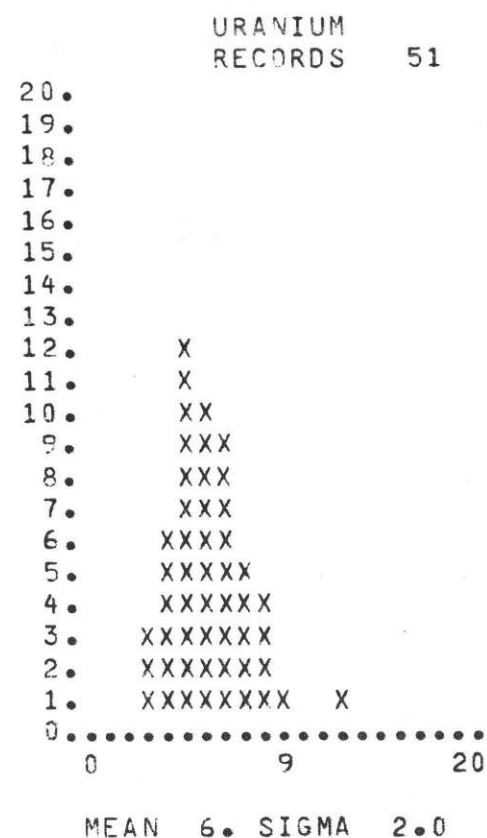
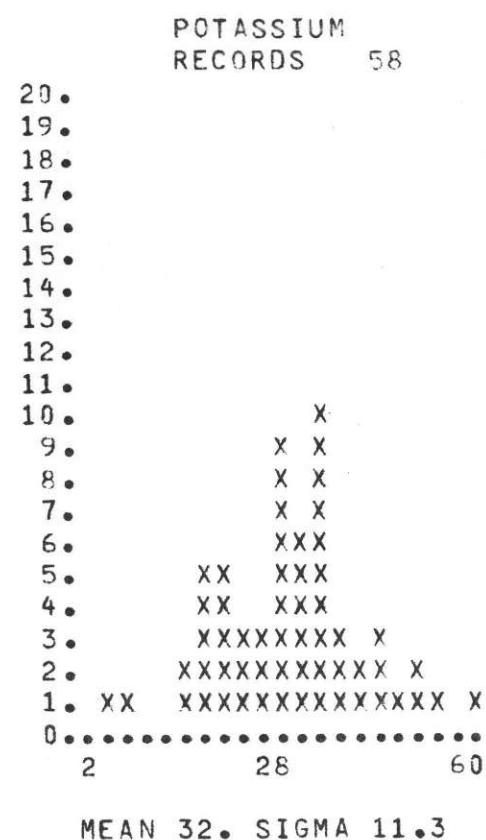


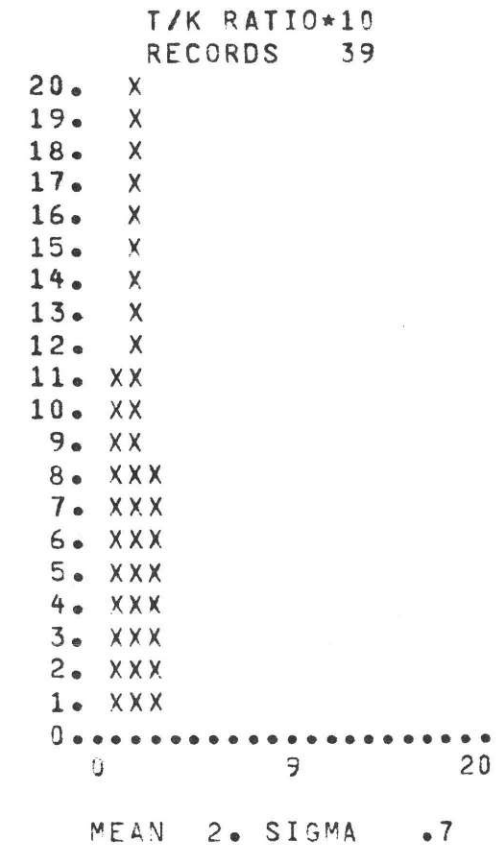
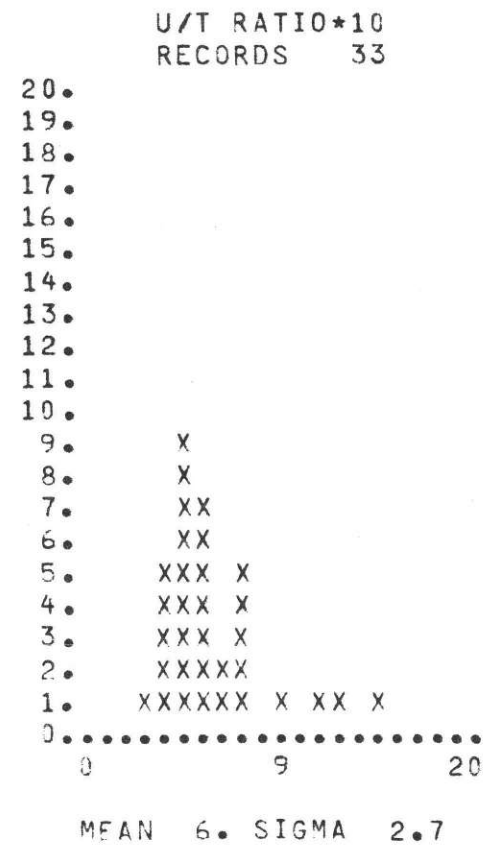
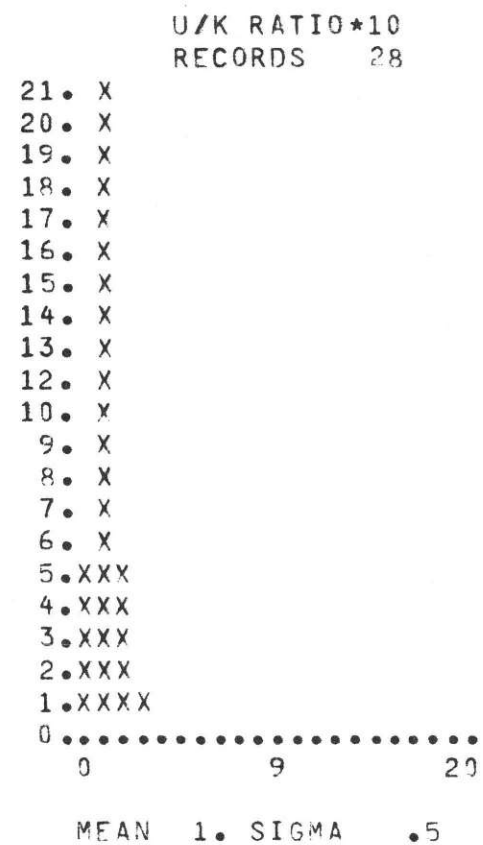
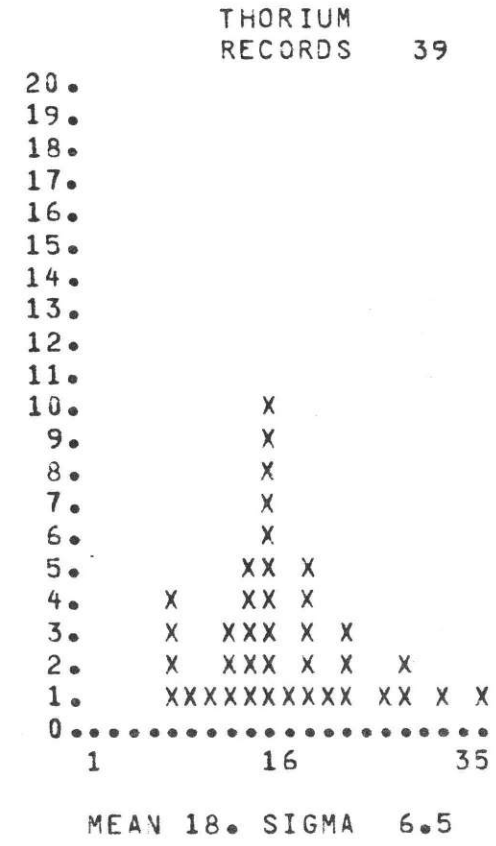
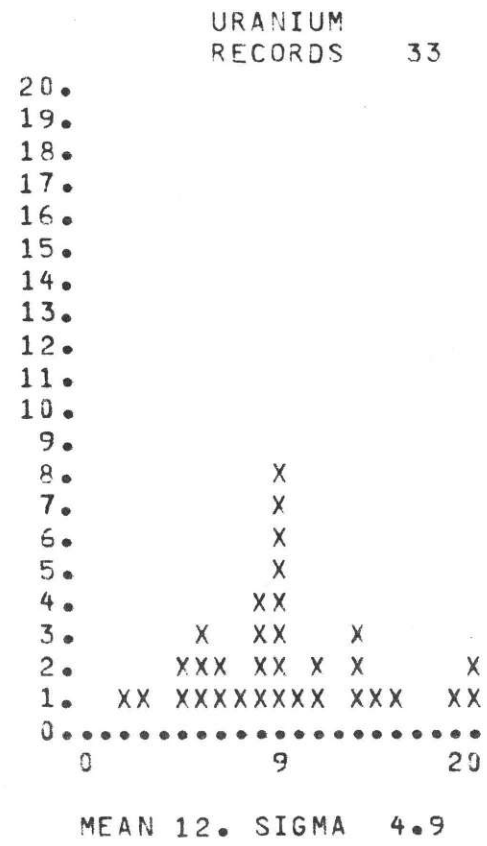
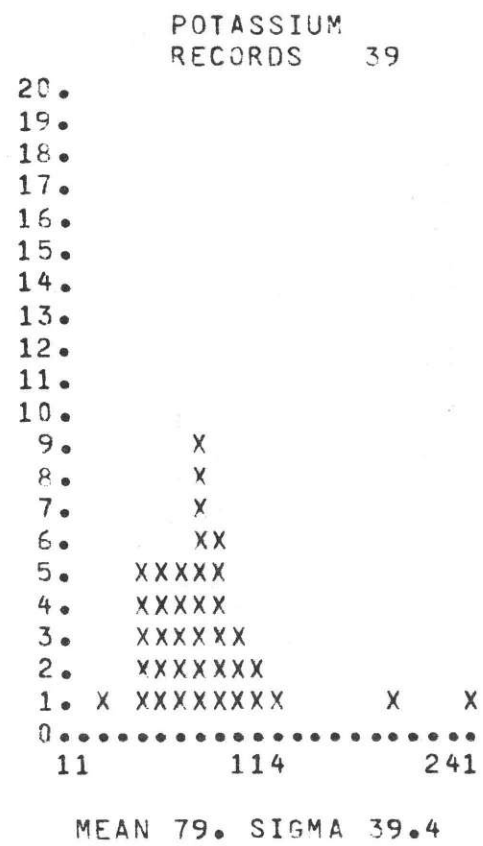
MEAN 7. SIGMA 2.8

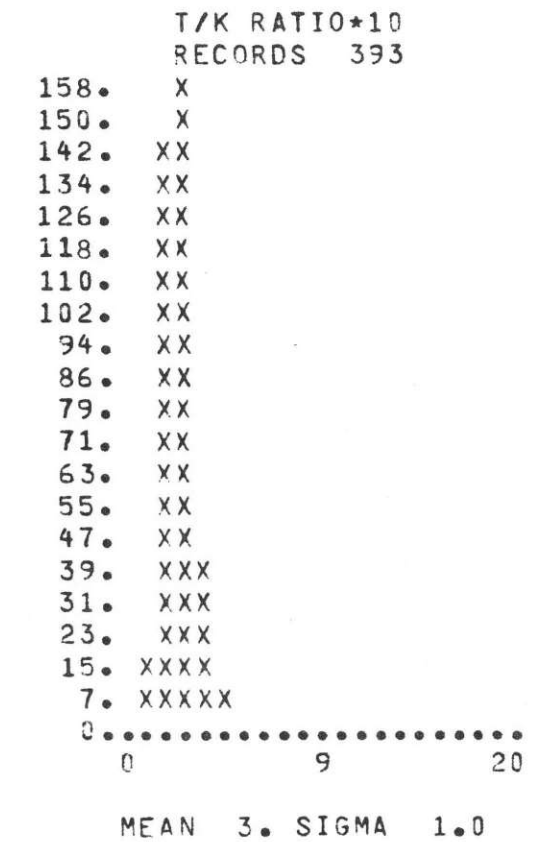
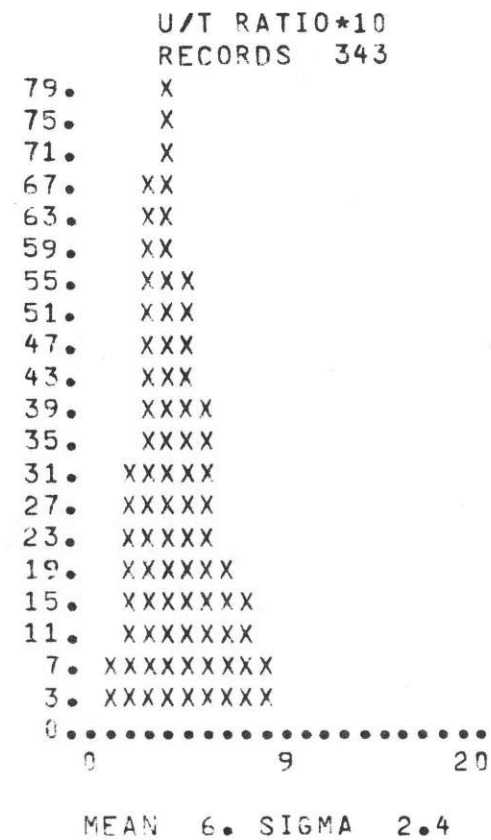
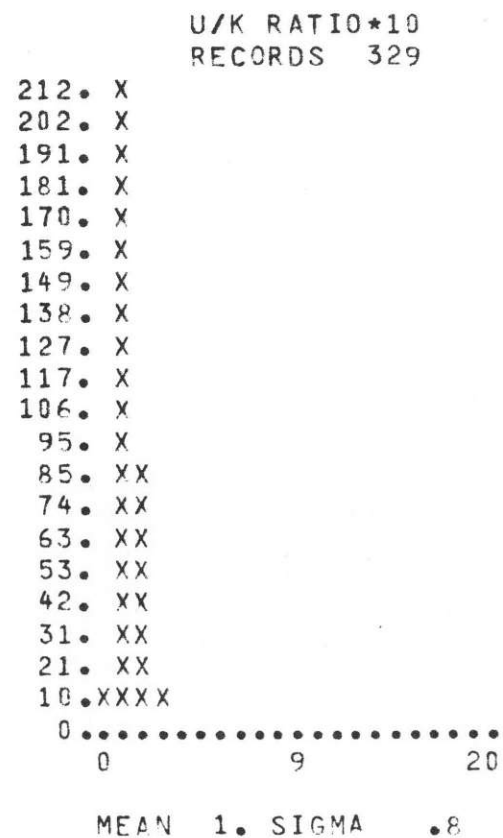
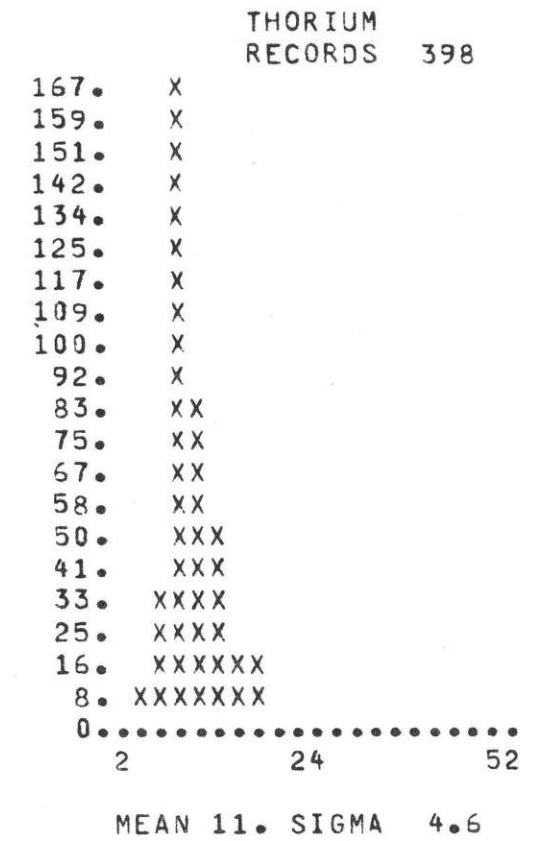
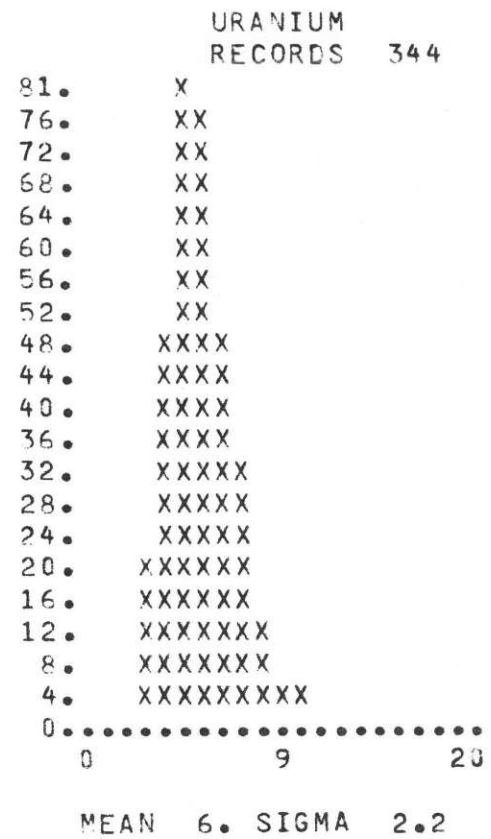
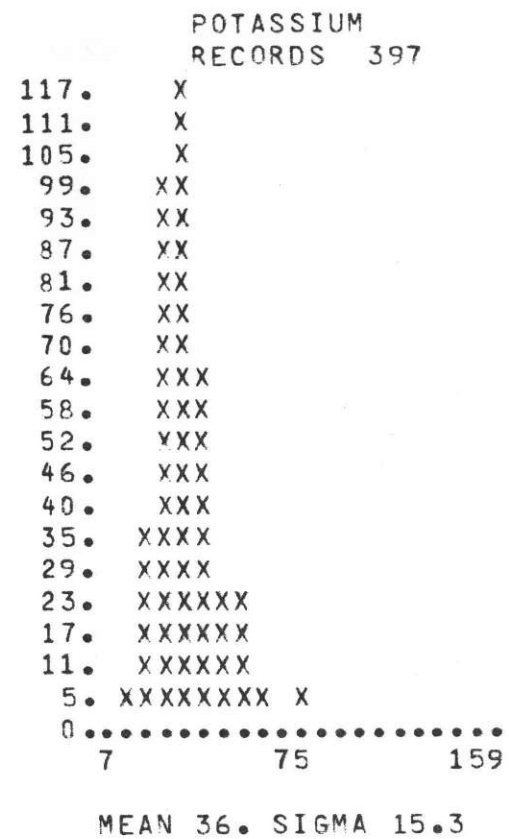


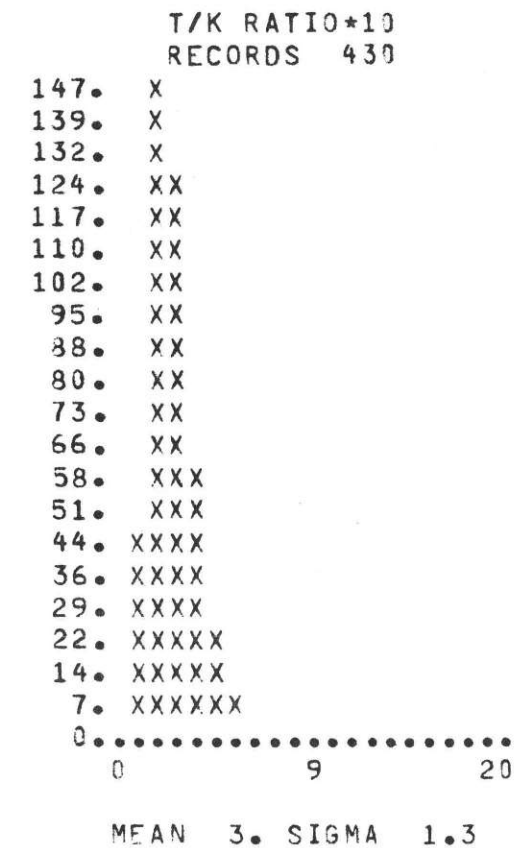
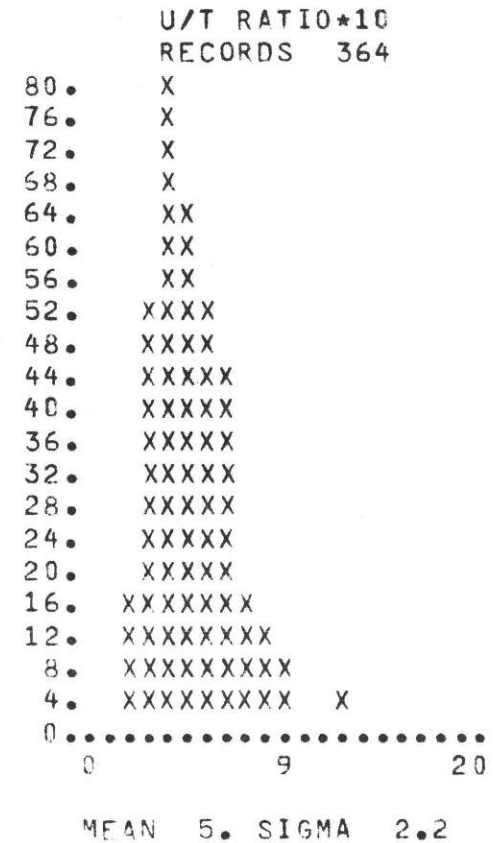
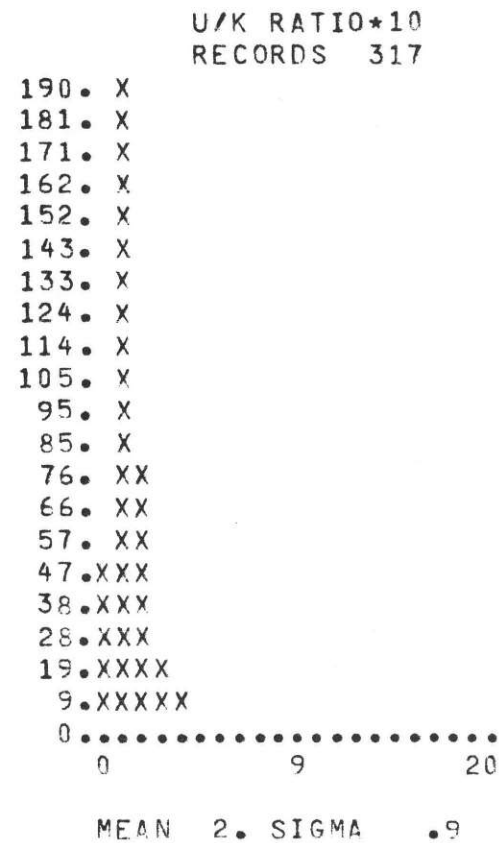
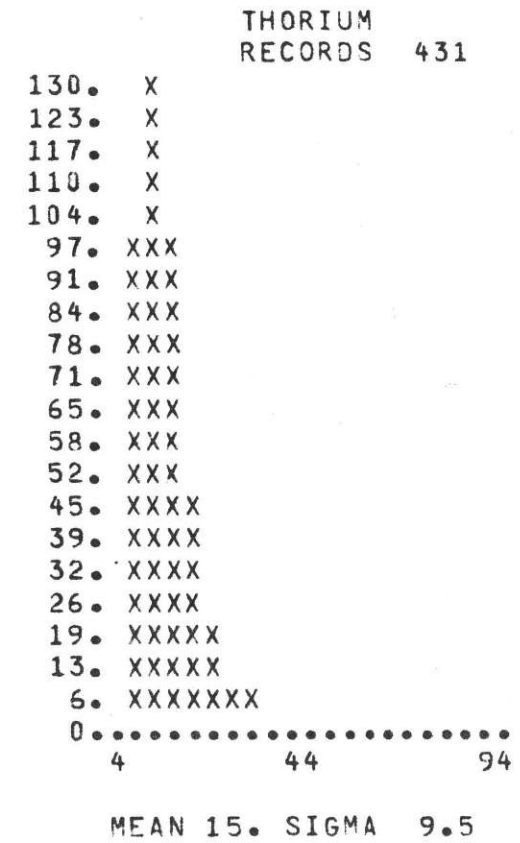
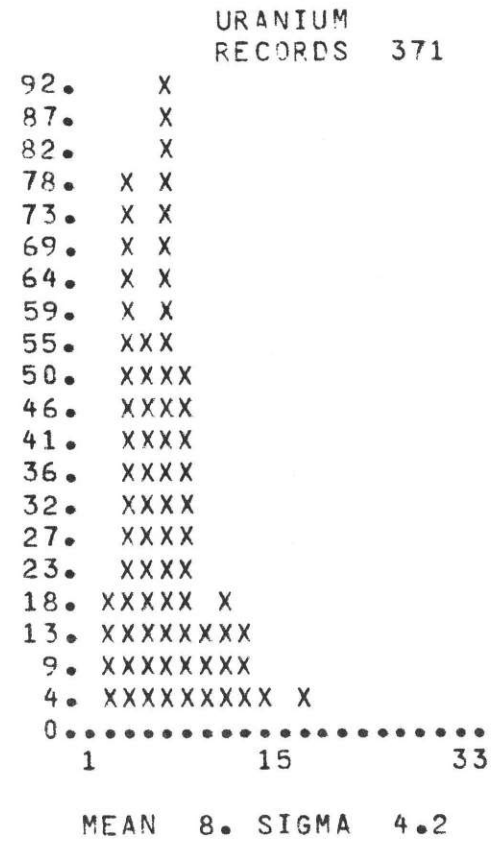
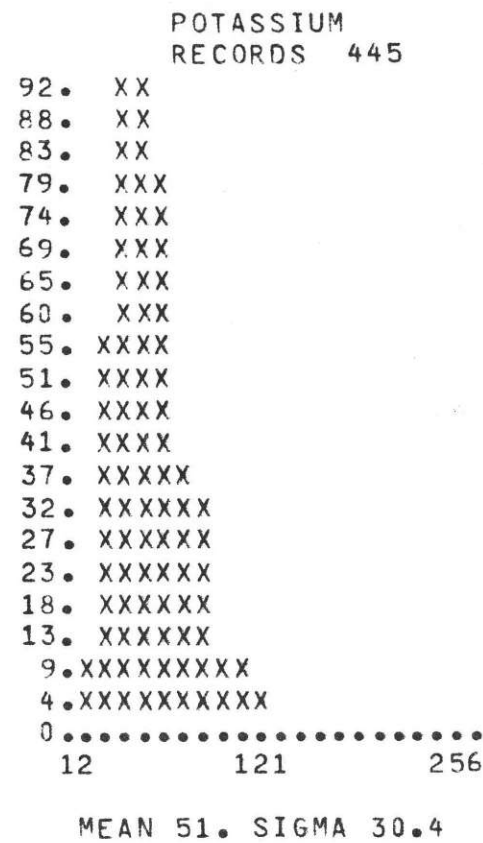
MEAN 4. SIGMA 1.6

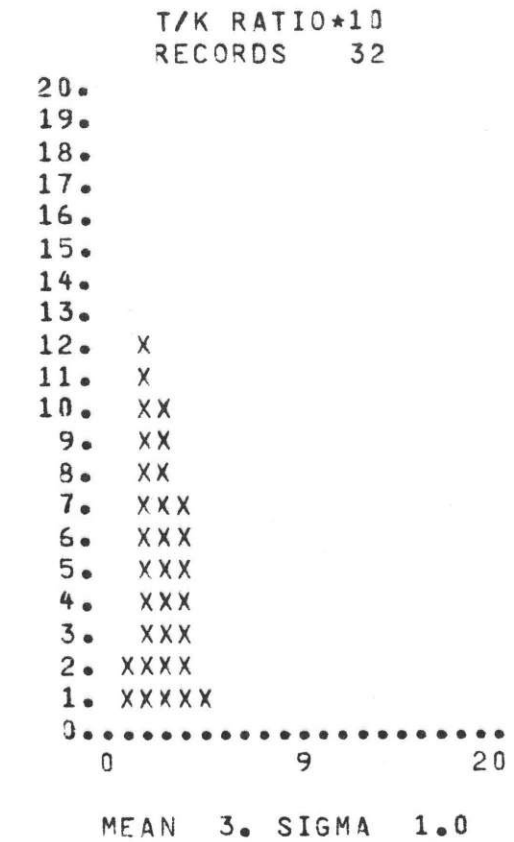
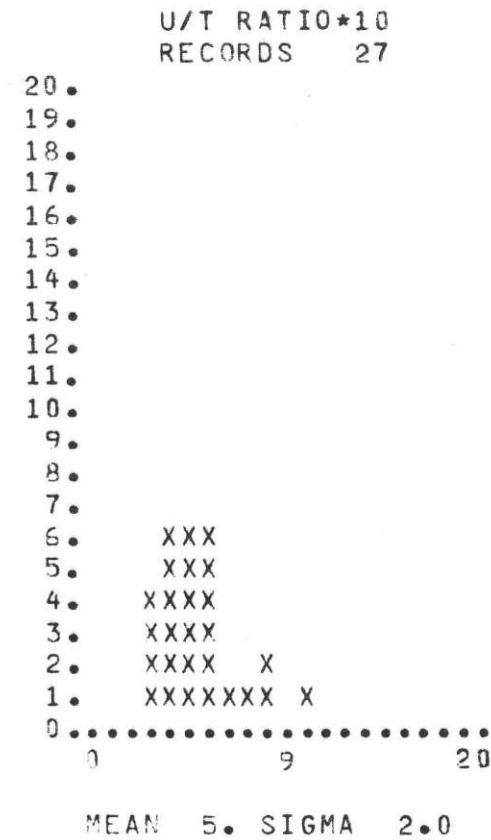
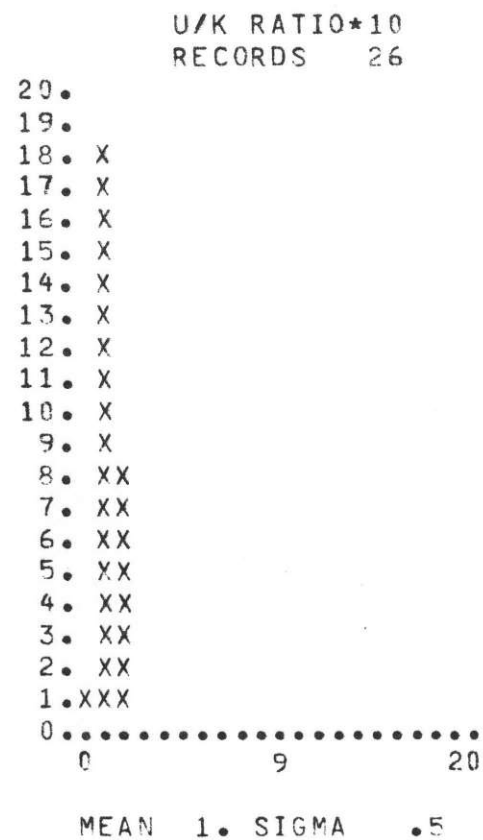
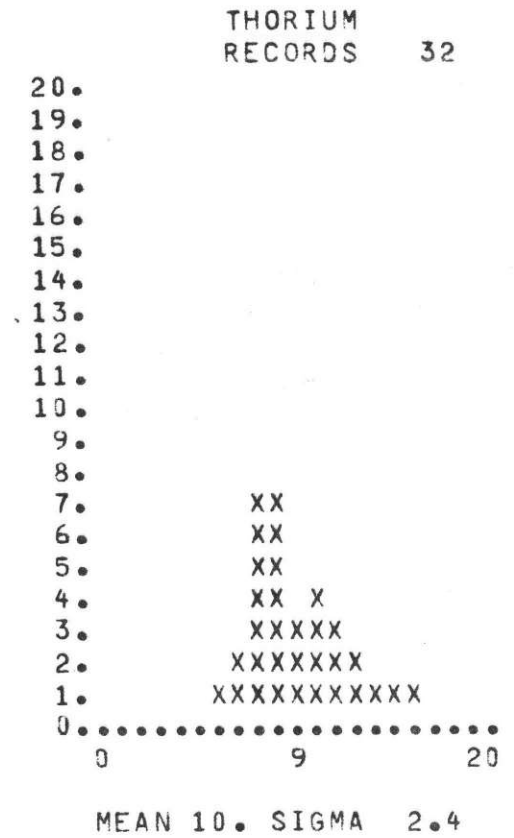
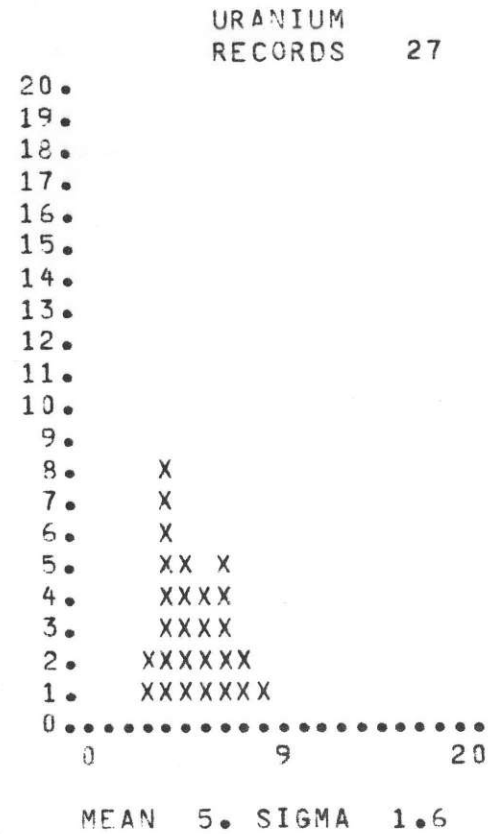
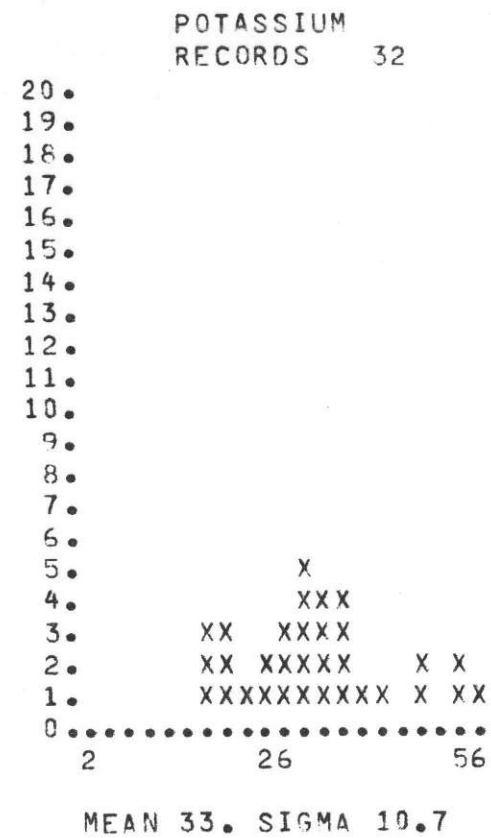




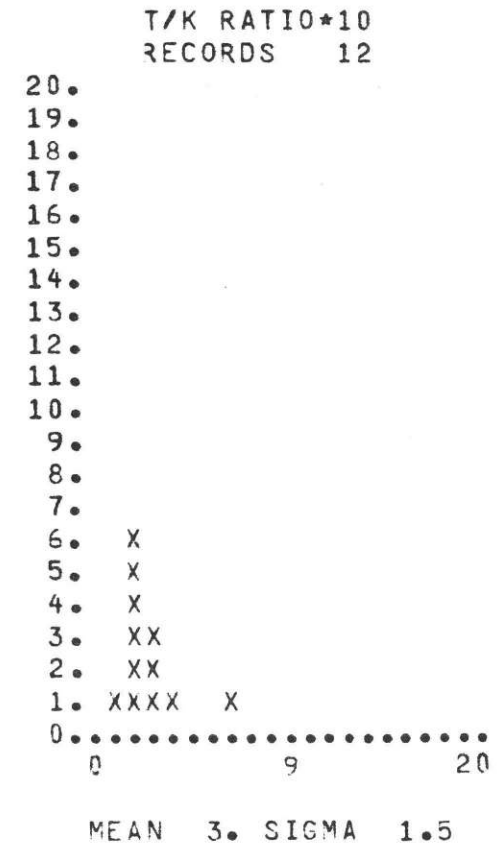
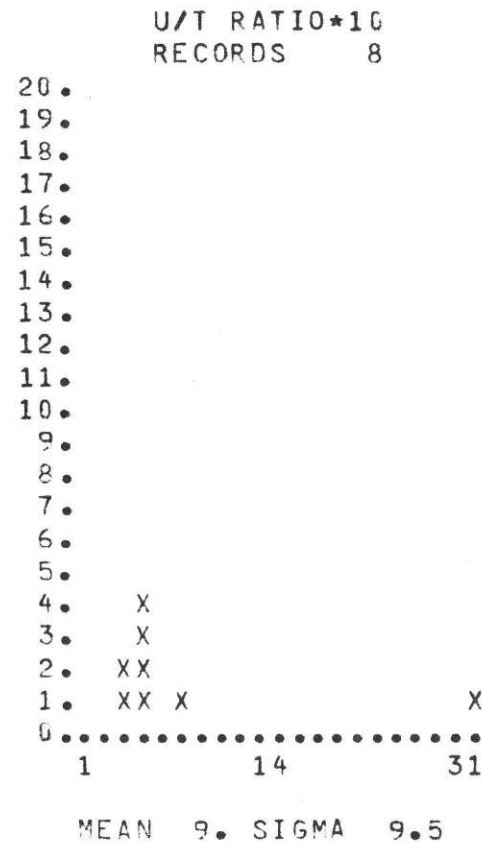
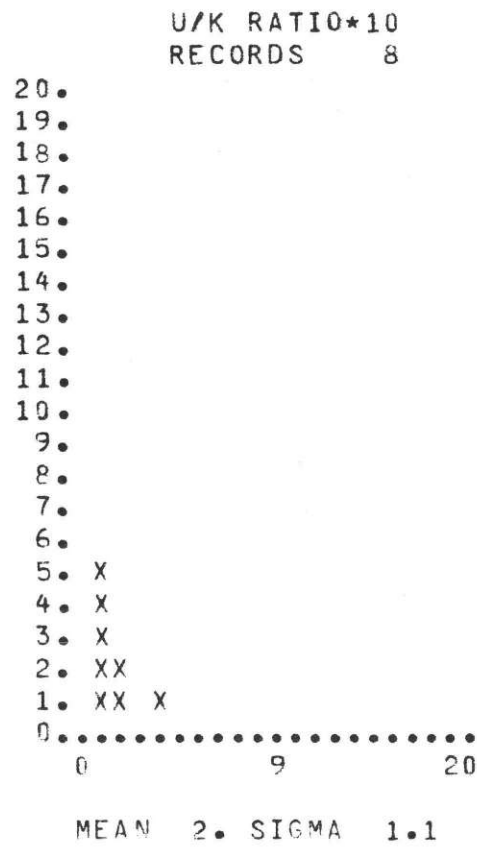
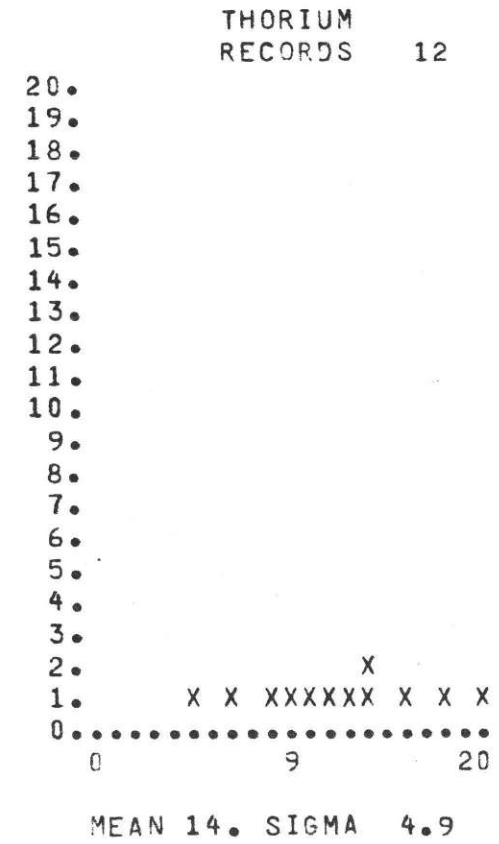
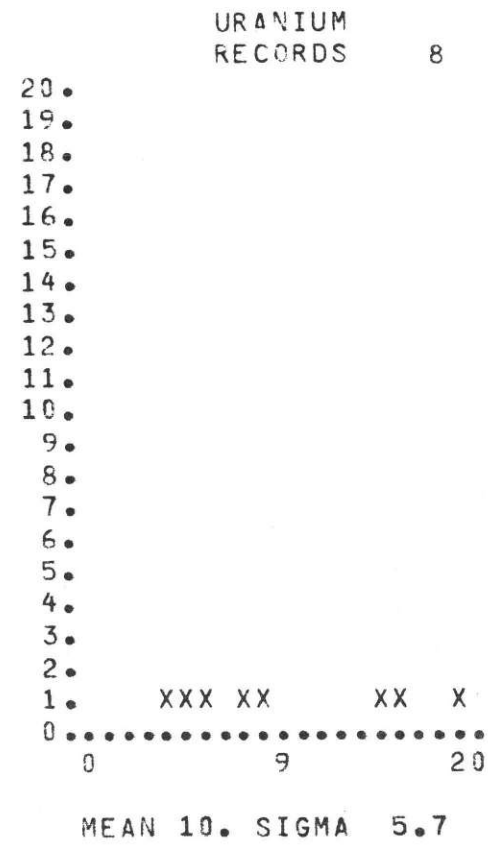
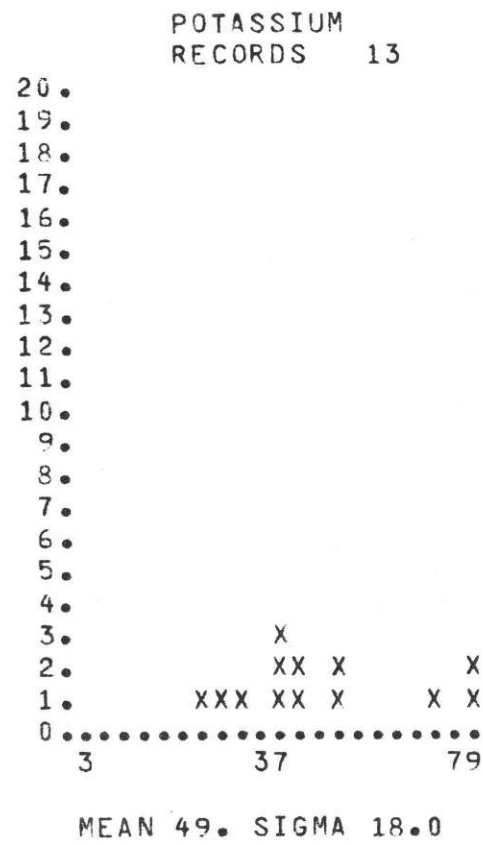


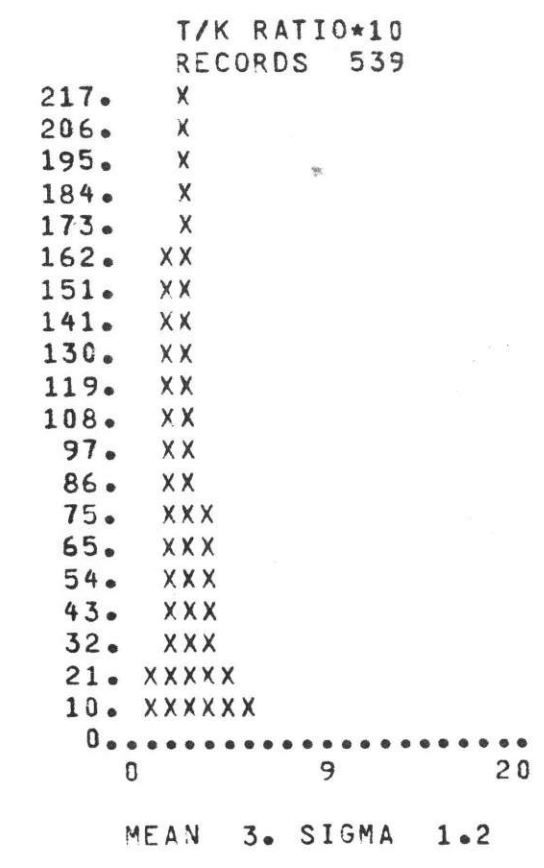
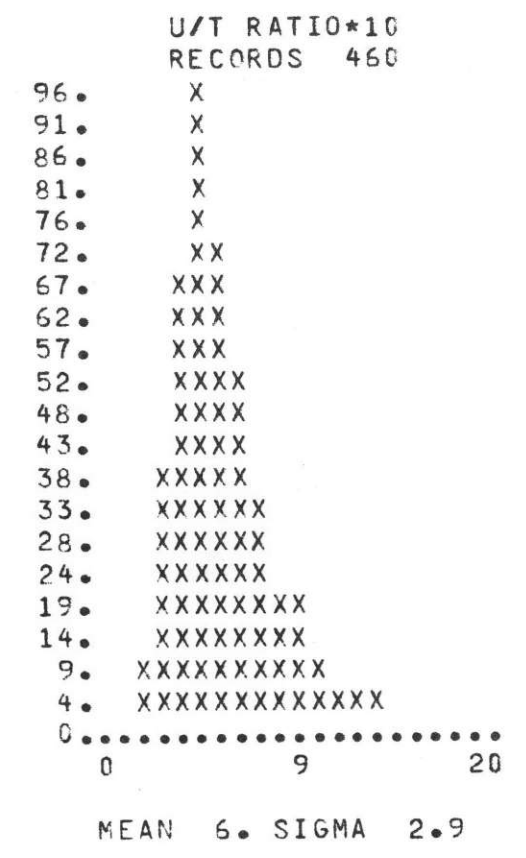
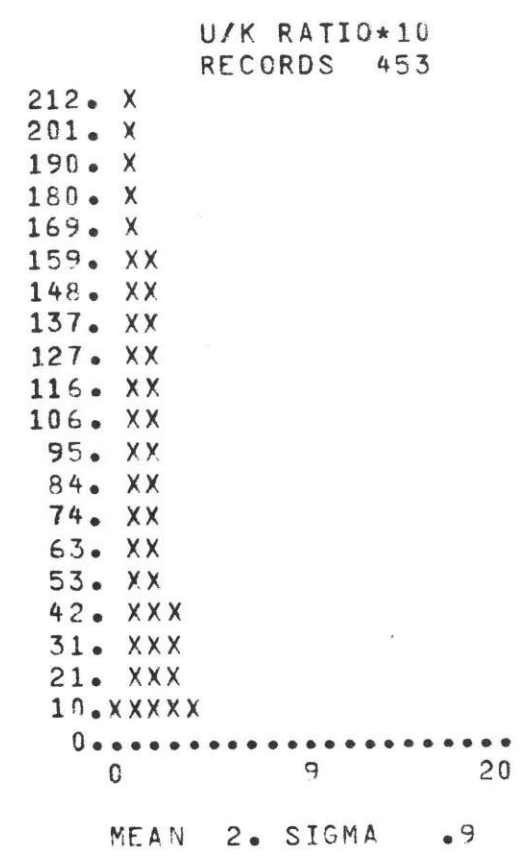
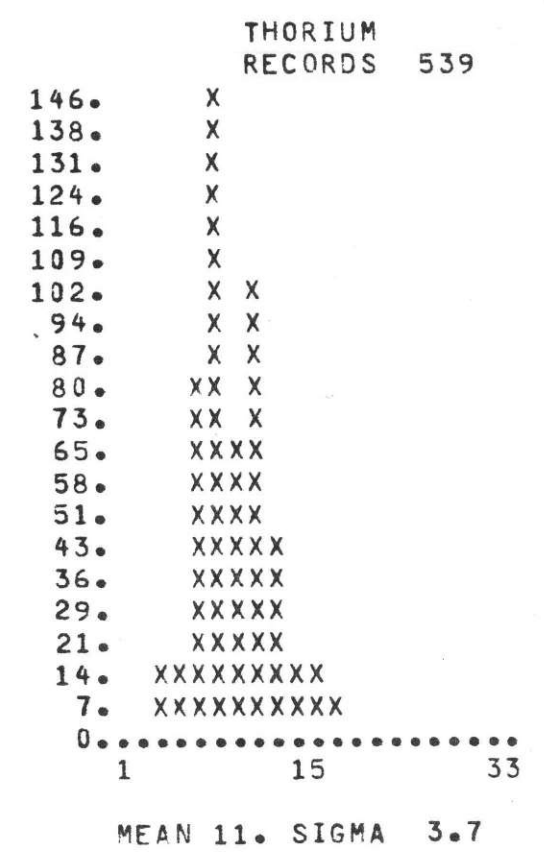
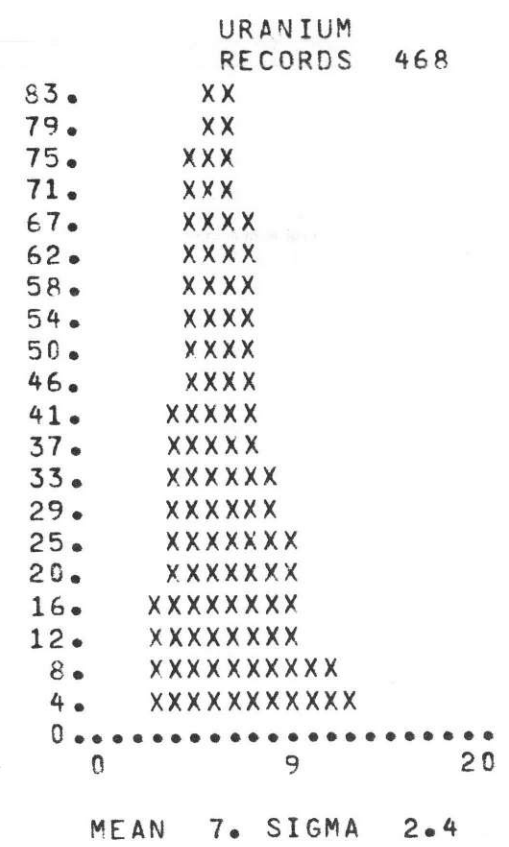
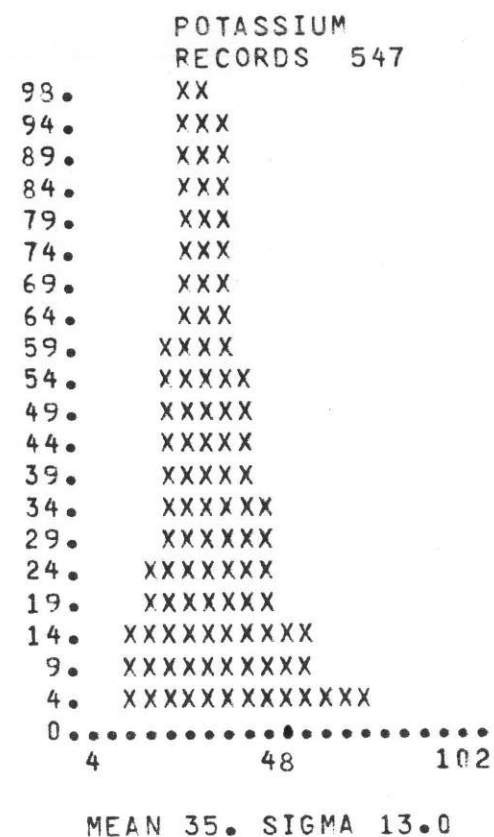


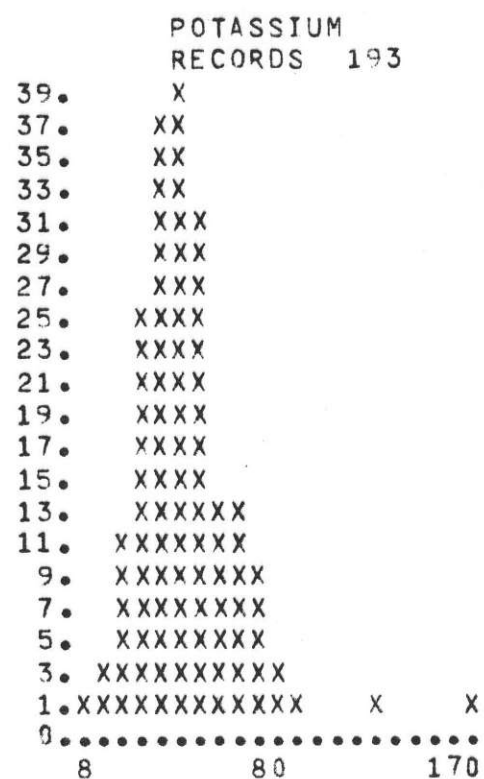




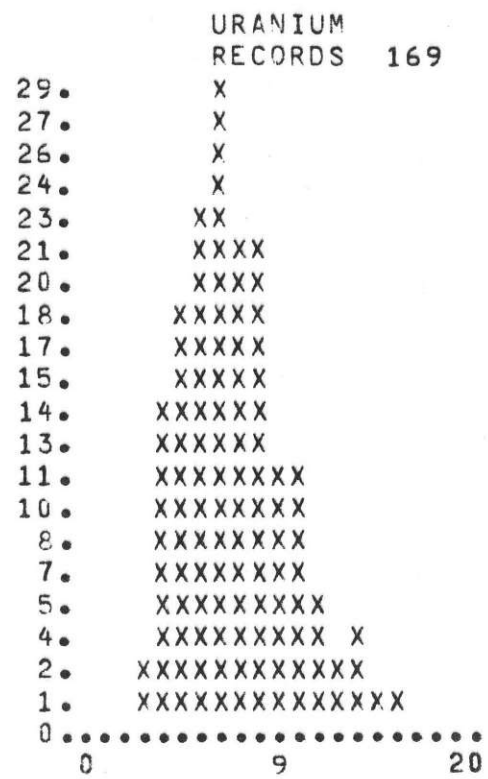
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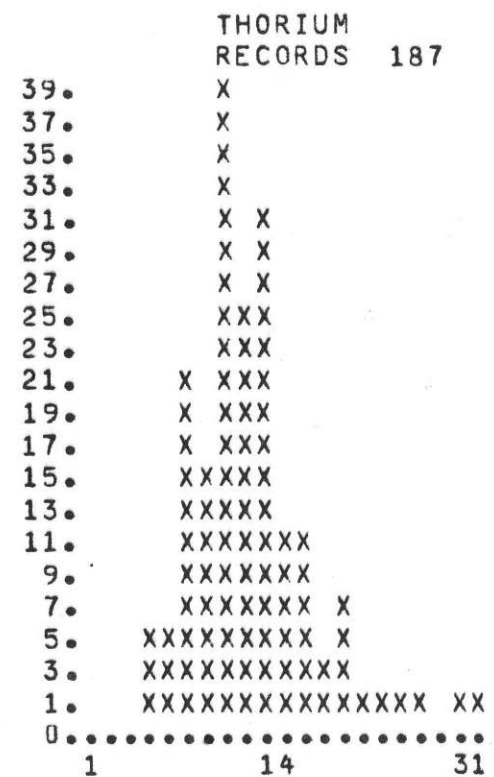




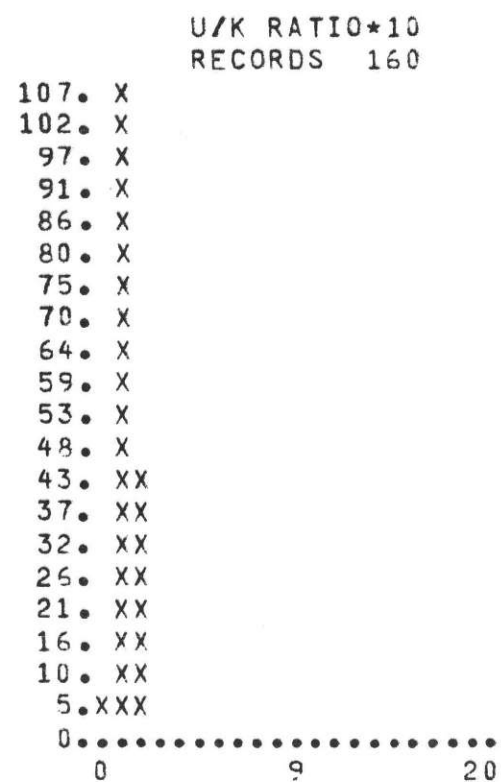
MEAN 48. SIGMA 21.9



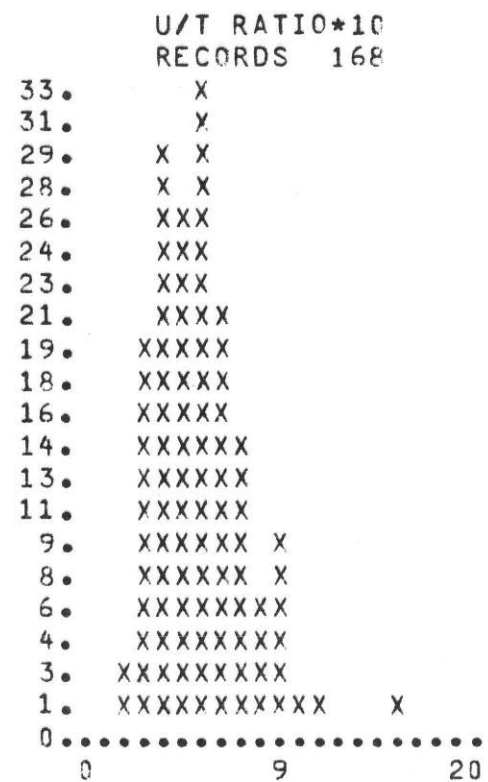
MEAN 8. SIGMA 2.6



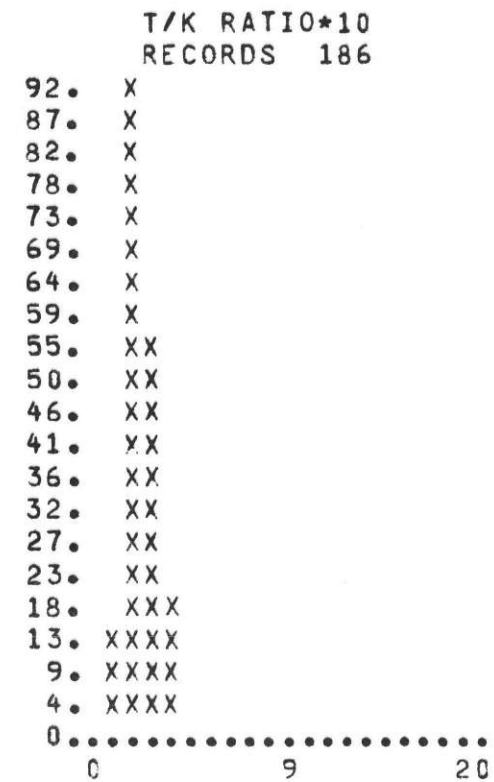
MEAN 13. SIGMA 4.4



MEAN 1. SIGMA .6



MEAN 6. SIGMA 2.2



MEAN 3. SIGMA 1.0

