

Geology  
GJBX-1(78)-32

NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

GJBX-32 '78

THORPE AREA  
SCRANTON NK18-8 QUADRANGLE  
VOLUME II

GEOLOGY

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

FEBRUARY 1978

WORK PERFORMED UNDER  
BENDIX FIELD ENGINEERING CORPORATION GRAND JUNCTION OPERATIONS  
SUBCONTRACT NO. 76-032-S AND BENDIX CONTRACT EY-76-C-13-1664

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

metadc958266

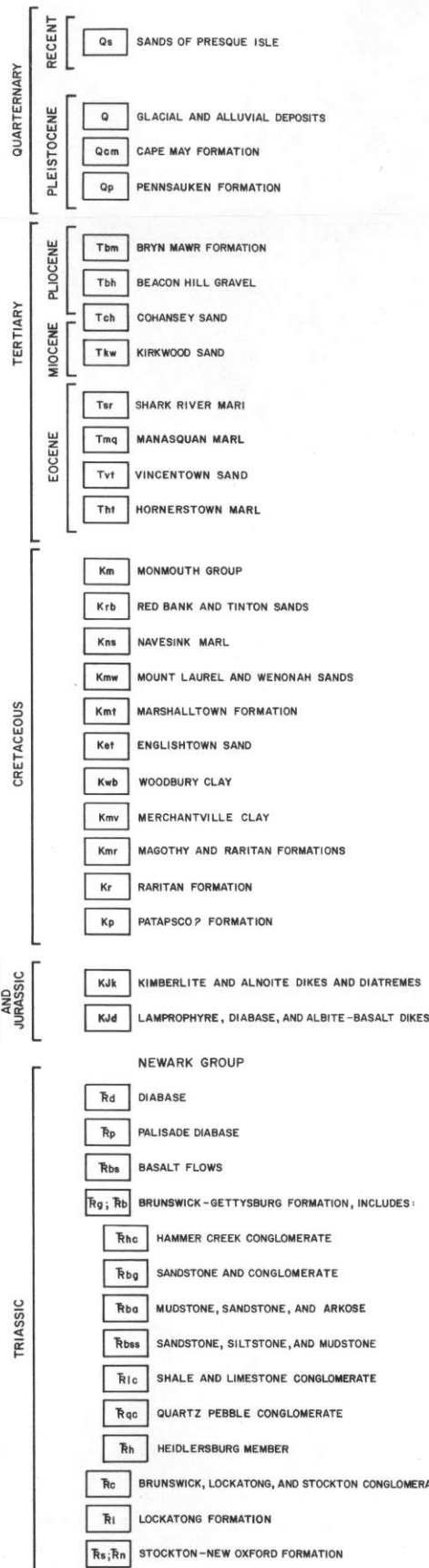


(LEGAL NOTICE)

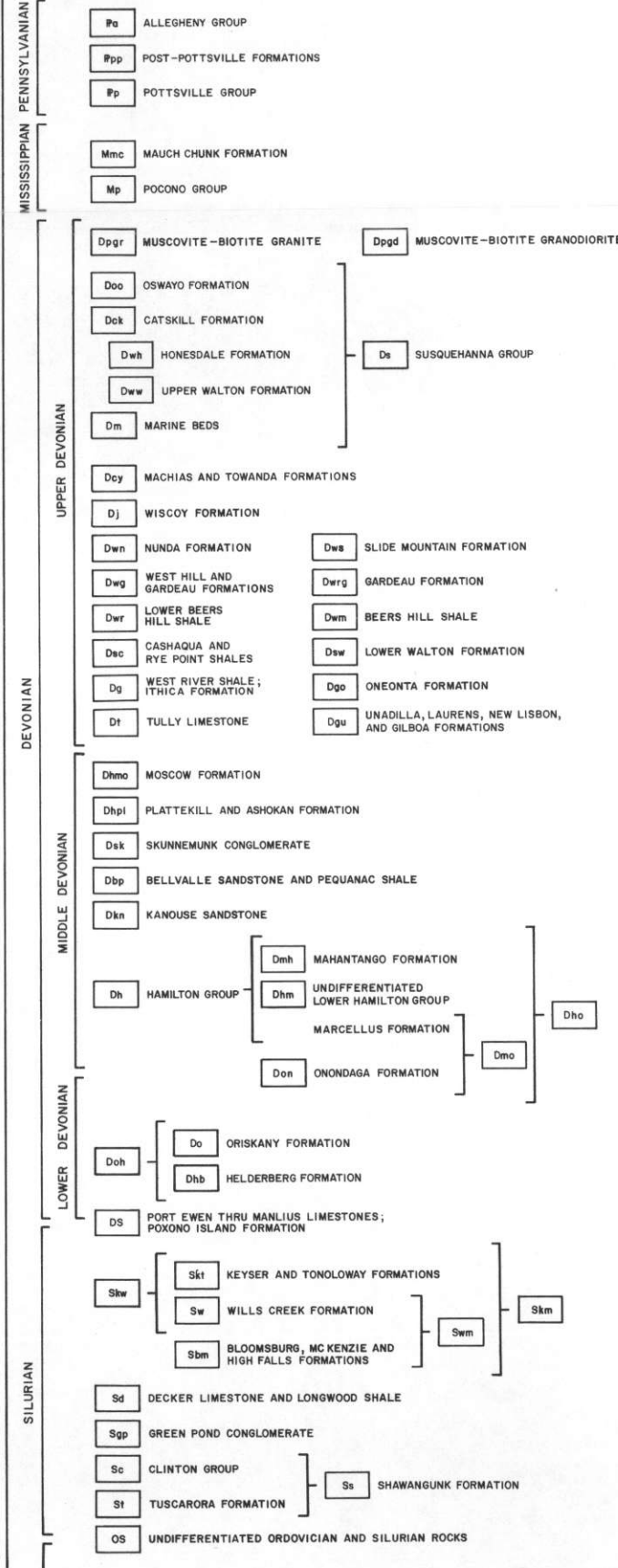
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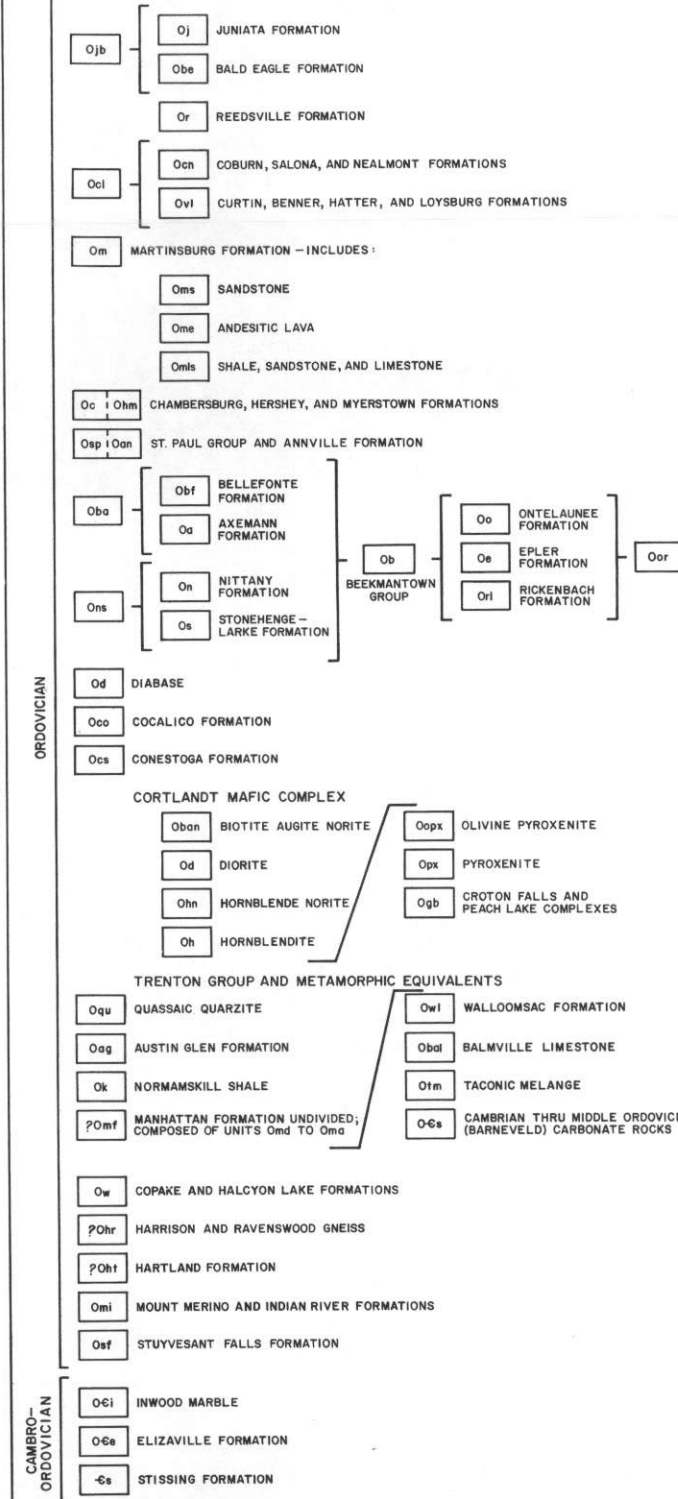
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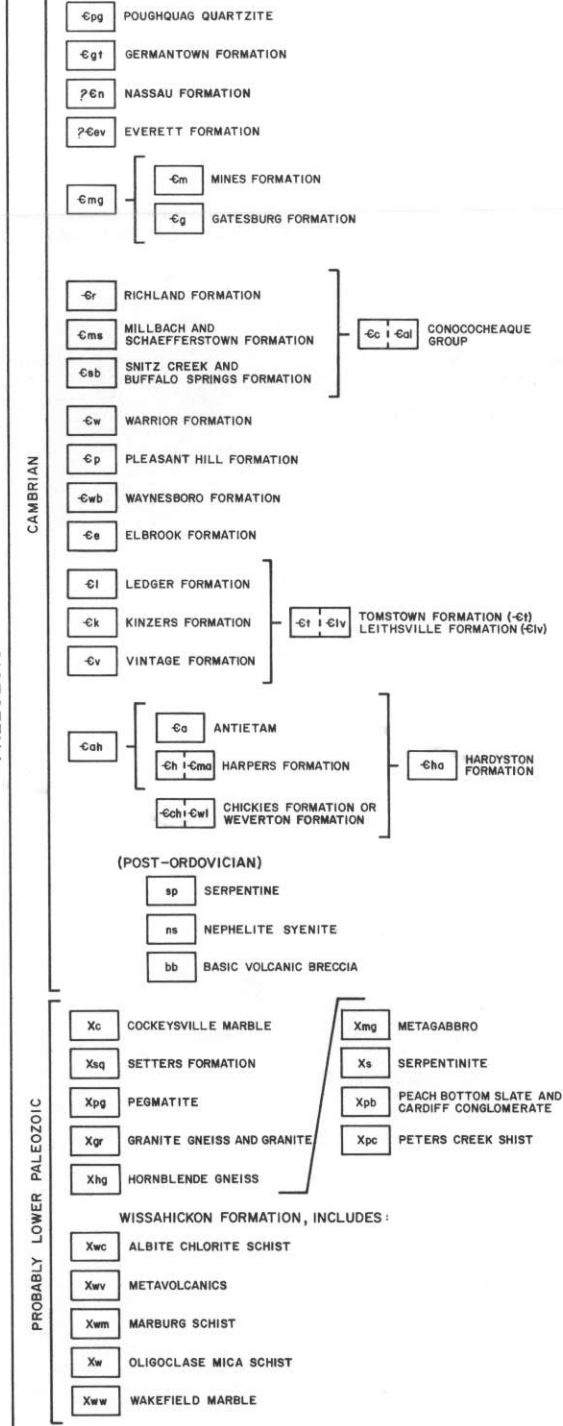
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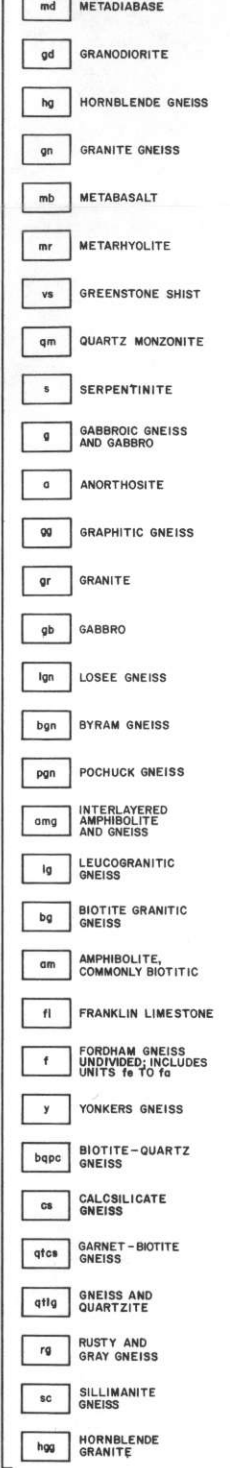
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PALEOZOIC



PRECAMBRIAN



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

THORPE AREA - SCRANTON NK18-8 QUADRANGLE

GEOLOGICAL LEGEND

1977

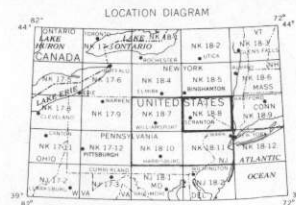
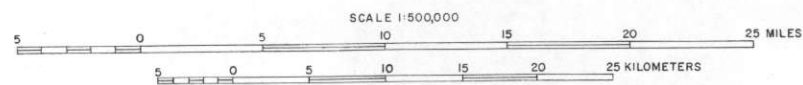
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BASE MAP SOURCE: PUBLISHED N.T.S. 1:250,000



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

THORPE AREA- SCRANTON NK18-8 QUADRANGLE

GEOLOGIC BASE MAP

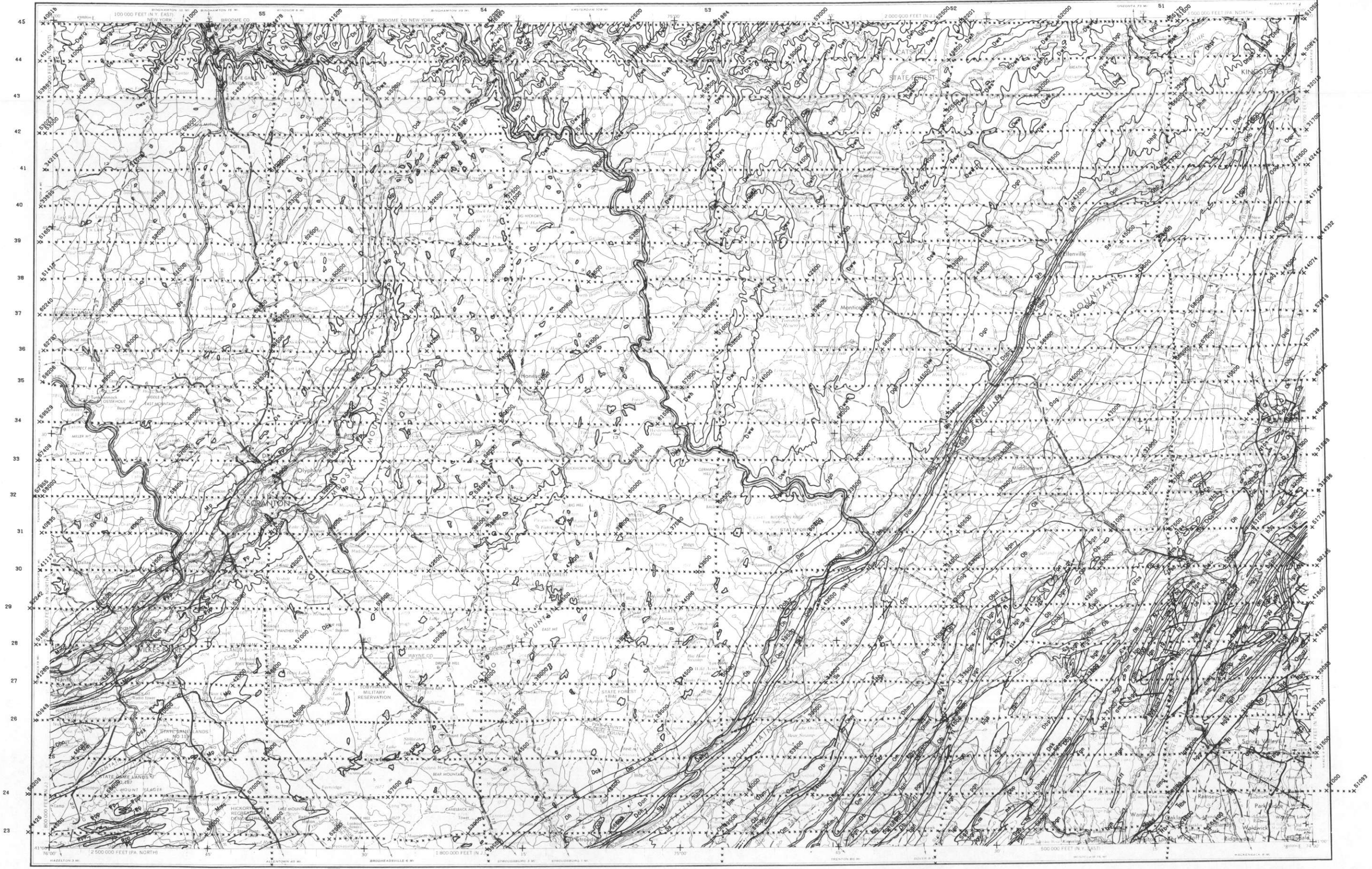
1977

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

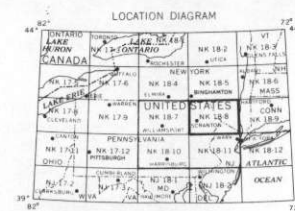
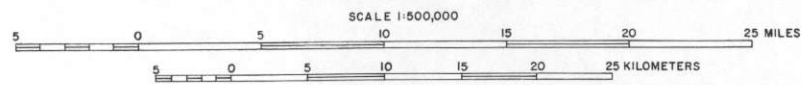
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BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000



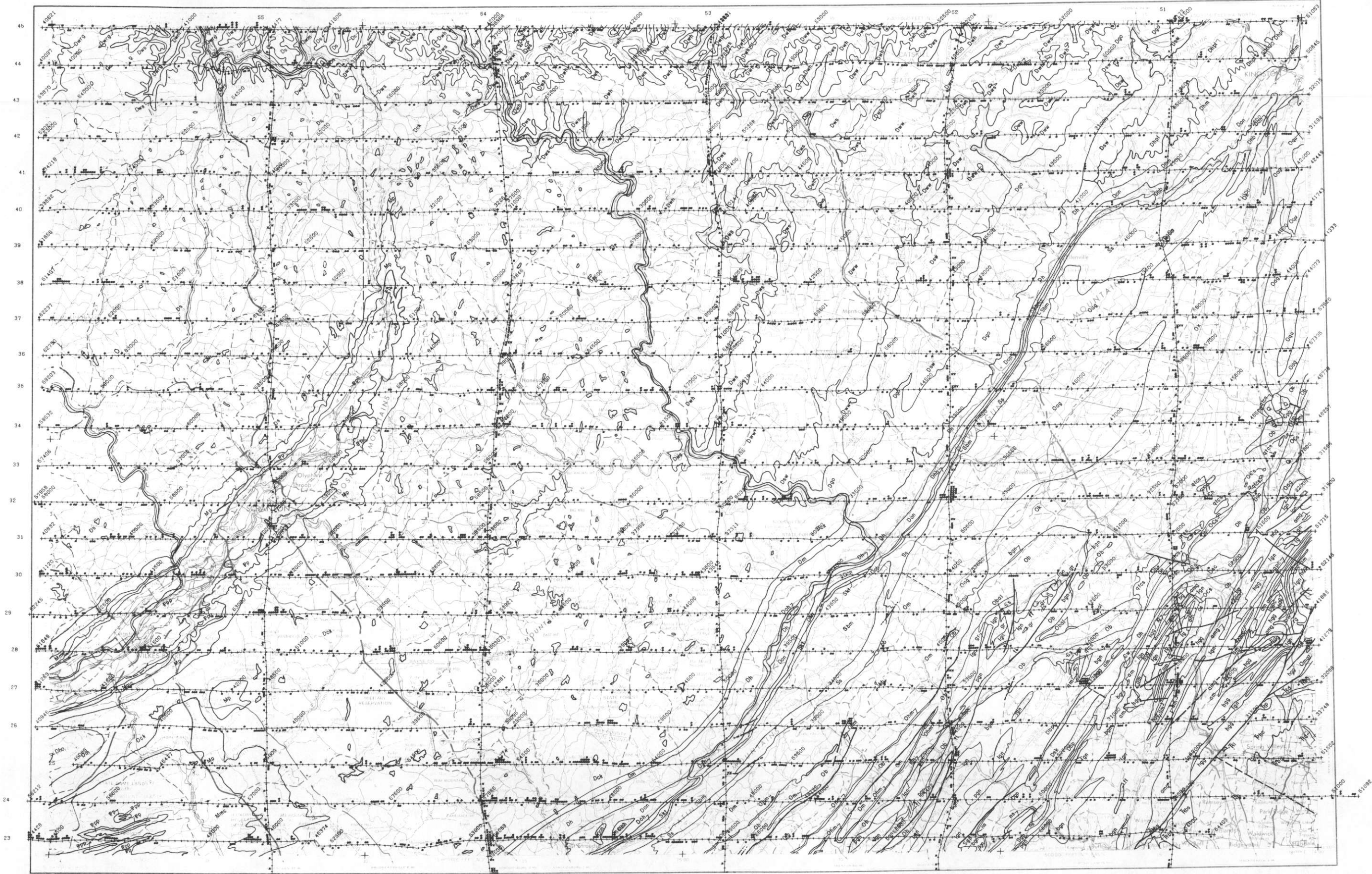
NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

**THORPE AREA- SCRANTON NK18-8 QUADRANGLE**  
FLIGHT PATH MAP

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

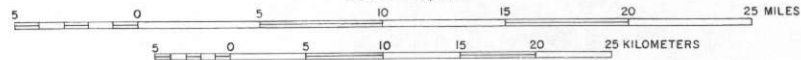
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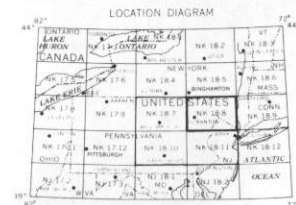


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SCALE 1:500,000

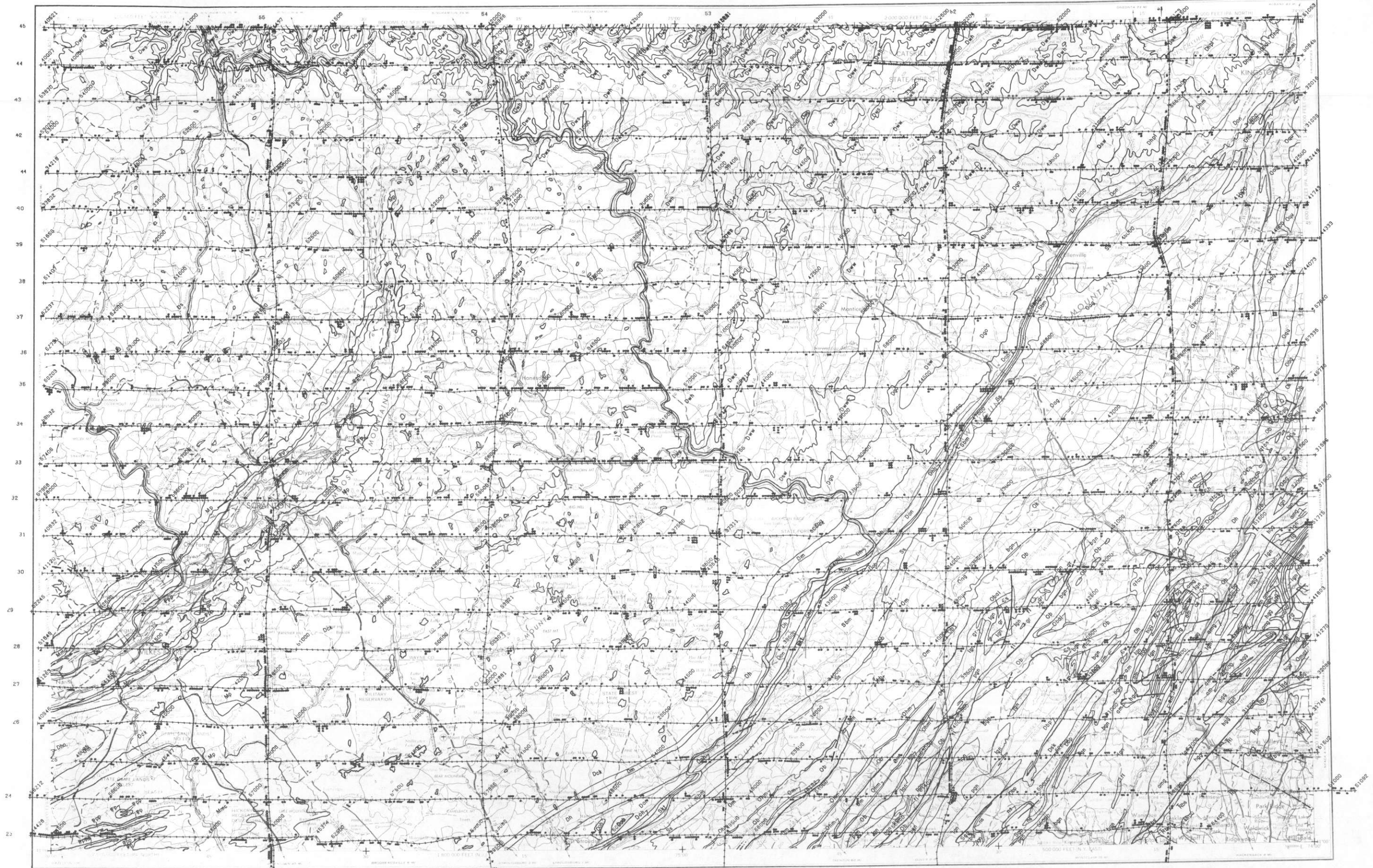


**EXPLANATION**  
 INDIVIDUAL SAMPLES ARE PLOTTED AT 20 SAMPLE INTERVALS AND IDENTIFIED BY RECORD NUMBER AT INTERVALS OF 500 SAMPLES.  
 AVERAGED SAMPLES ARE ANNOTATED IF THE DEVIATION OF THE AVERAGED SAMPLE, FROM THE MEAN OF ITS CORRESPONDING ROCK UNIT, IS GREATER THAN ± 1 STANDARD DEVIATION. THE DEVIATION 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.



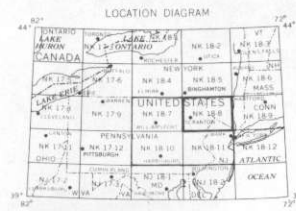
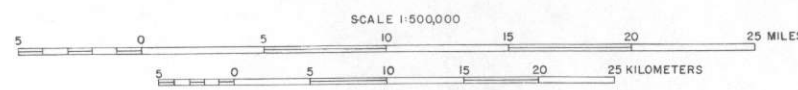
**NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY**  
**THORPE AREA- SCRANTON NK18-8 QUADRANGLE**  
**ANOMALY MAP-URANIUM**  
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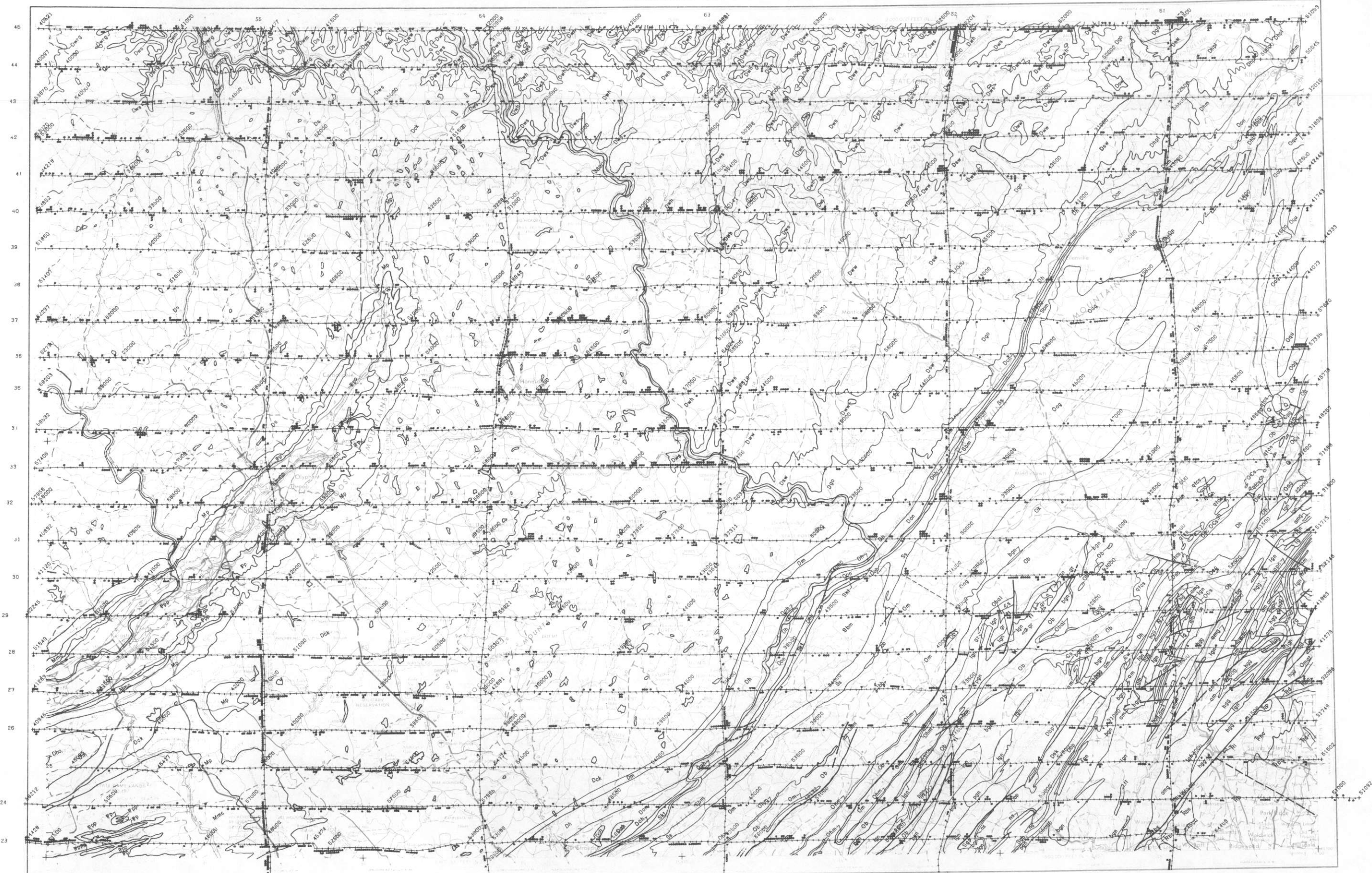
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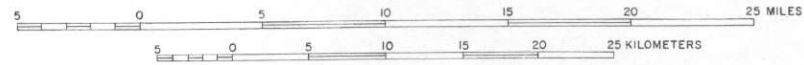
**NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY**  
**THORPE AREA- SCRANTON NK18-8 QUADRANGLE**  
**ANOMALY MAP-THORIUM**  
 1977  
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BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

SCALE 1:500,000

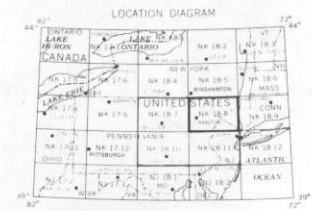


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**THORPE AREA- SCRANTON NK18-8 QUADRANGLE**

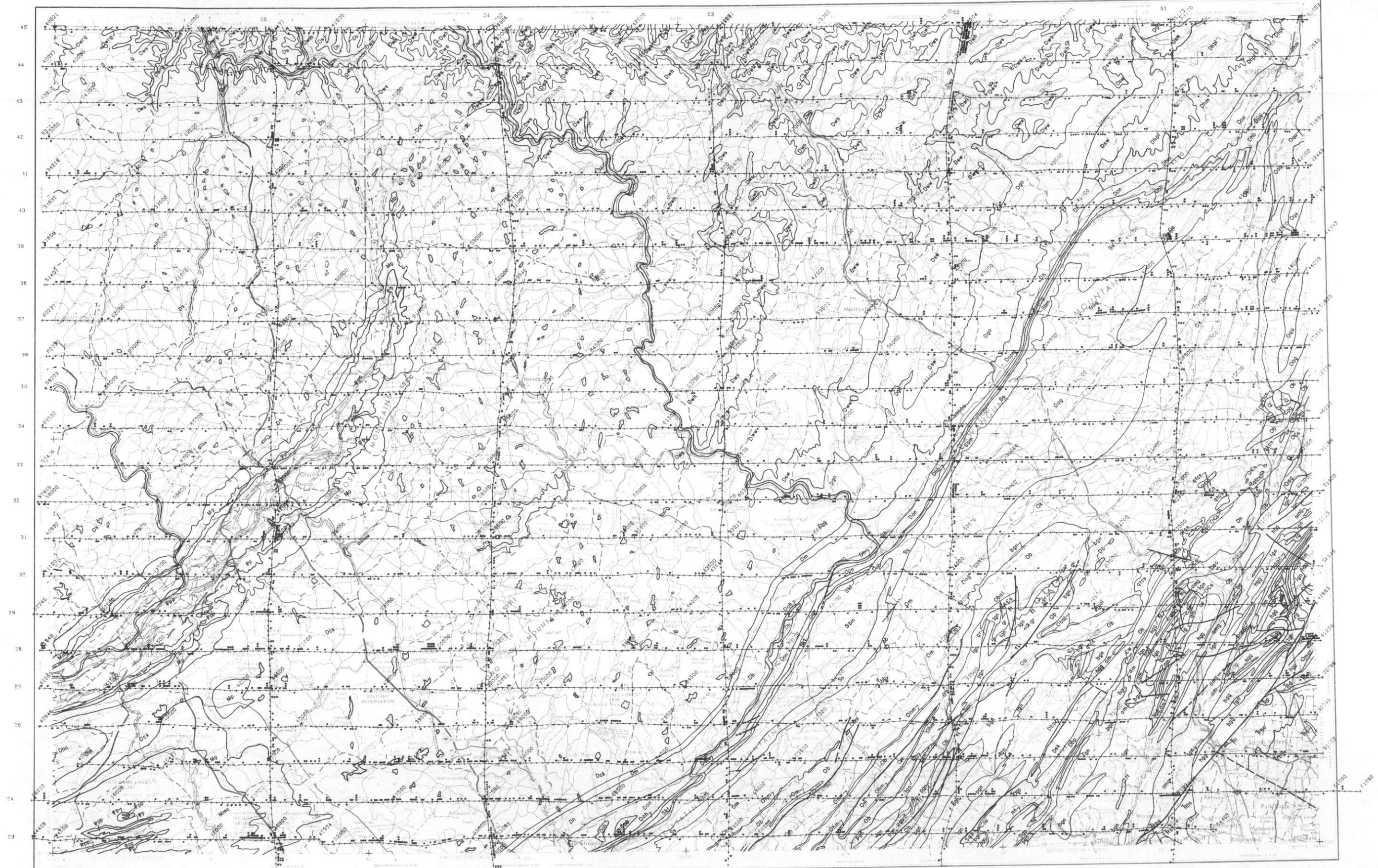
**ANOMALY MAP - POTASSIUM**

1977

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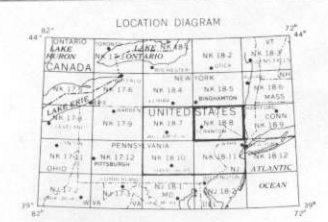
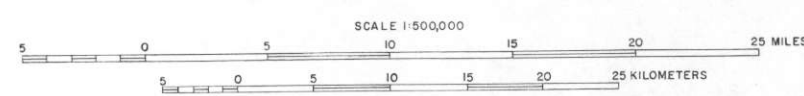
BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

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**THORPE AREA- SCRANTON NK18-8 QUADRANGLE**

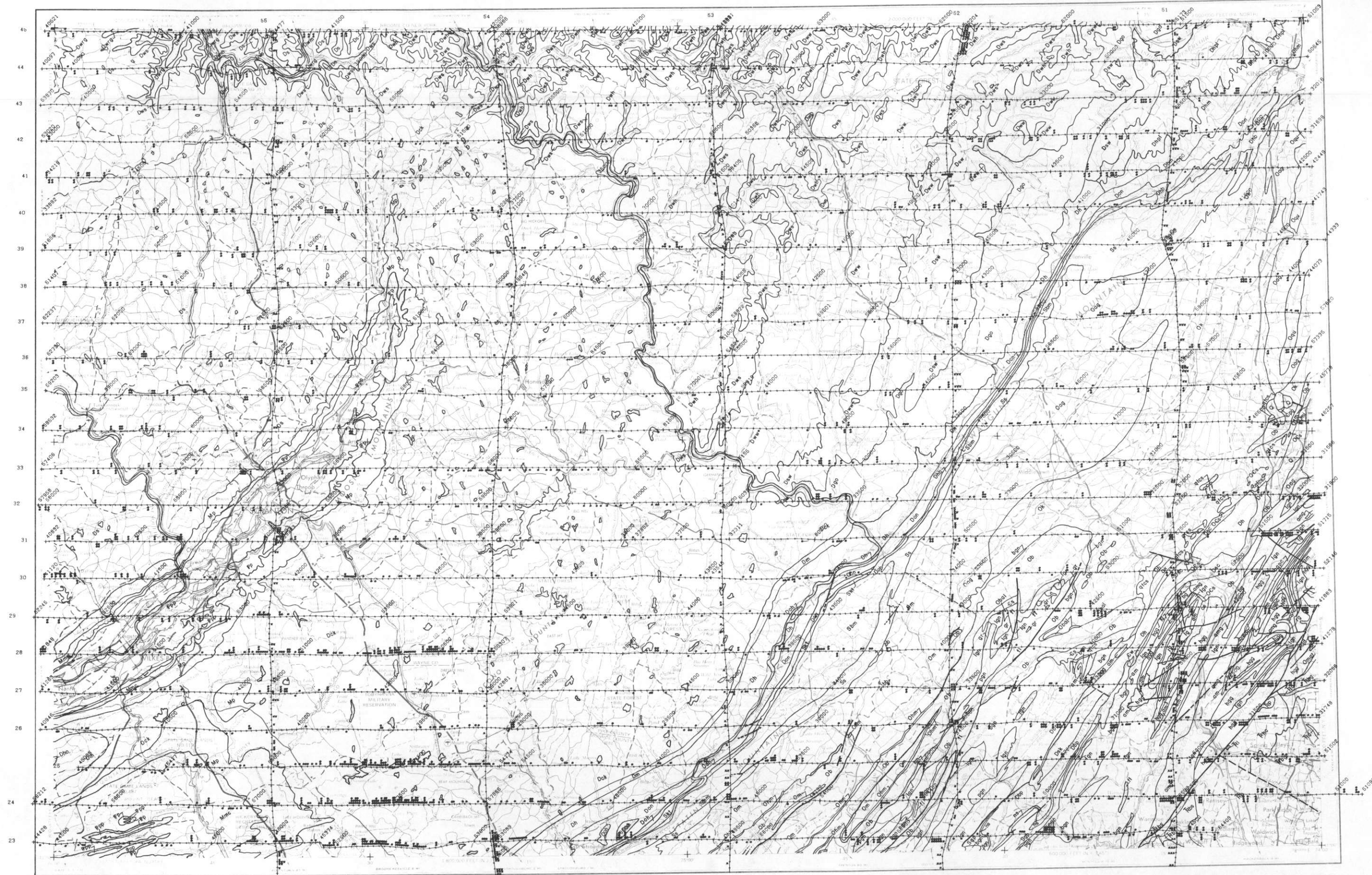
**ANOMALY MAP - URANIUM/THORIUM**

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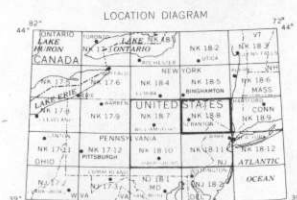
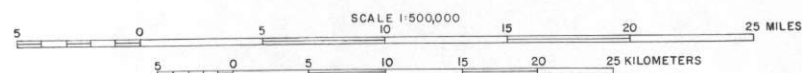
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THORPE AREA- SCRANTON NK18-8 QUADRANGLE

ANOMALY MAP - URANIUM / POTASSIUM

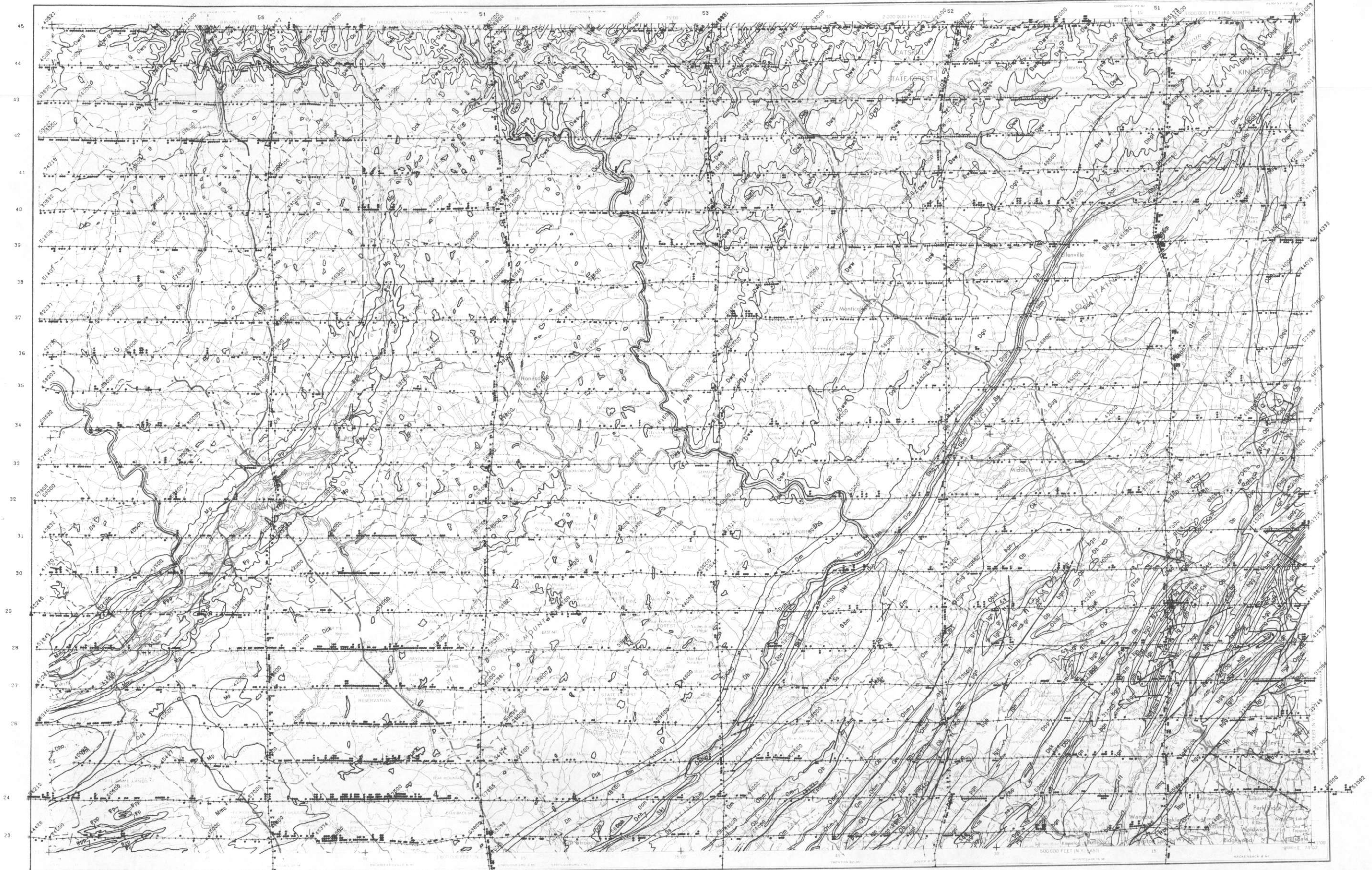
1977

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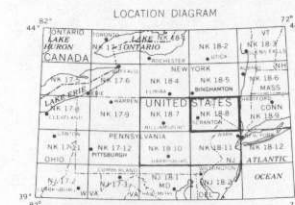
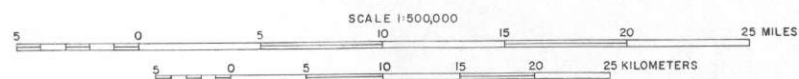
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**THORPE AREA- SCRANTON NK18-8 QUADRANGLE**

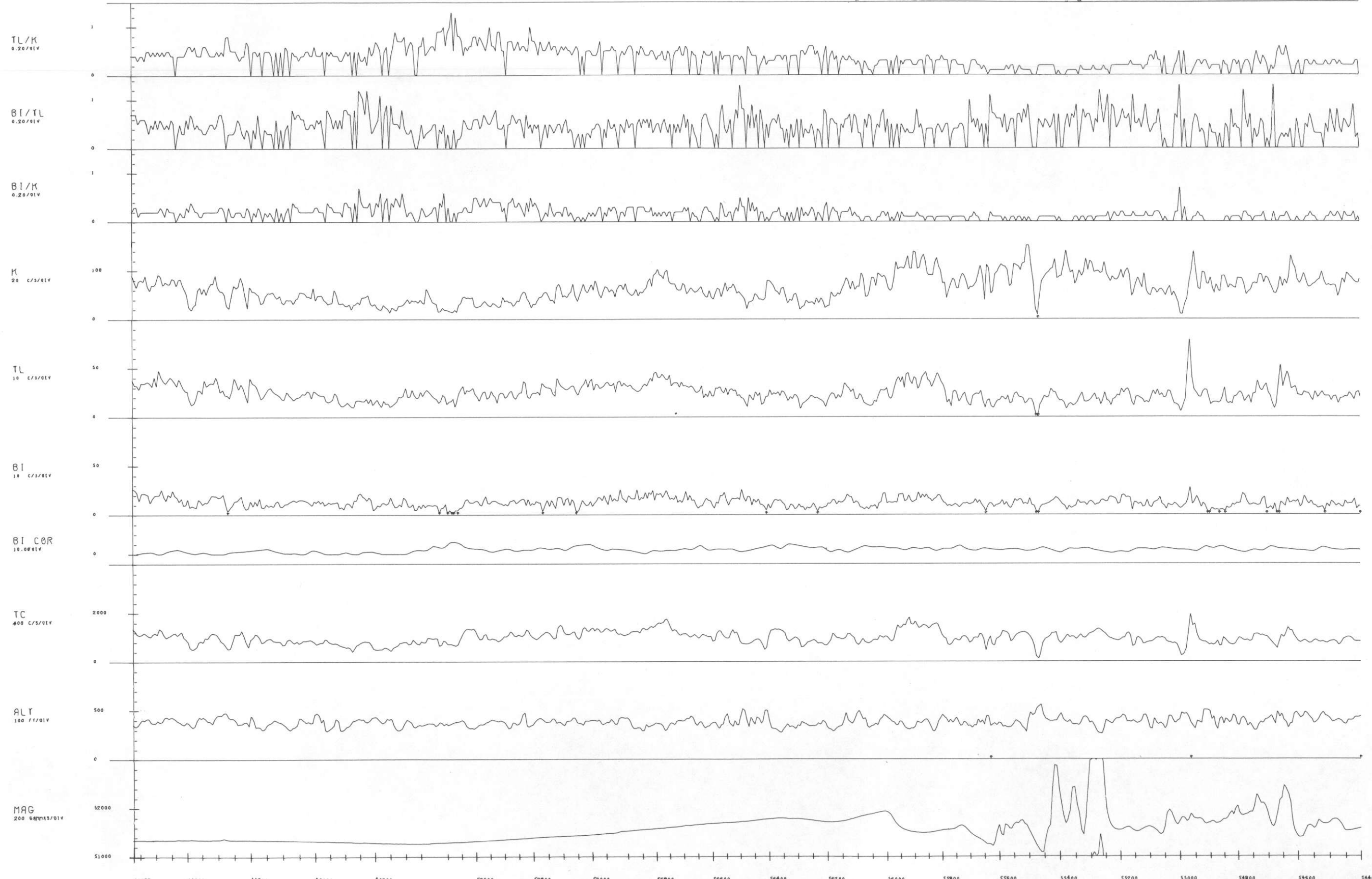
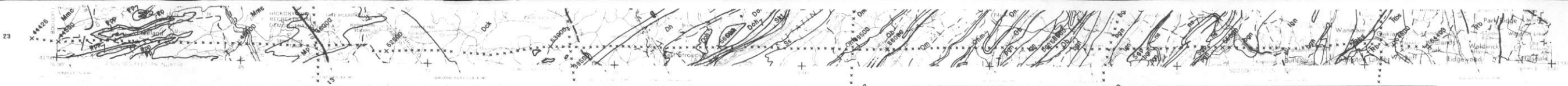
**ANOMALY MAP- THORIUM/POTASSIUM**

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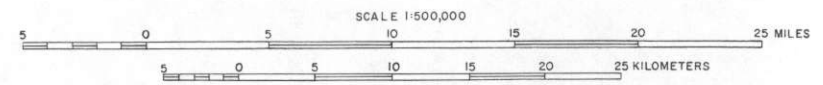




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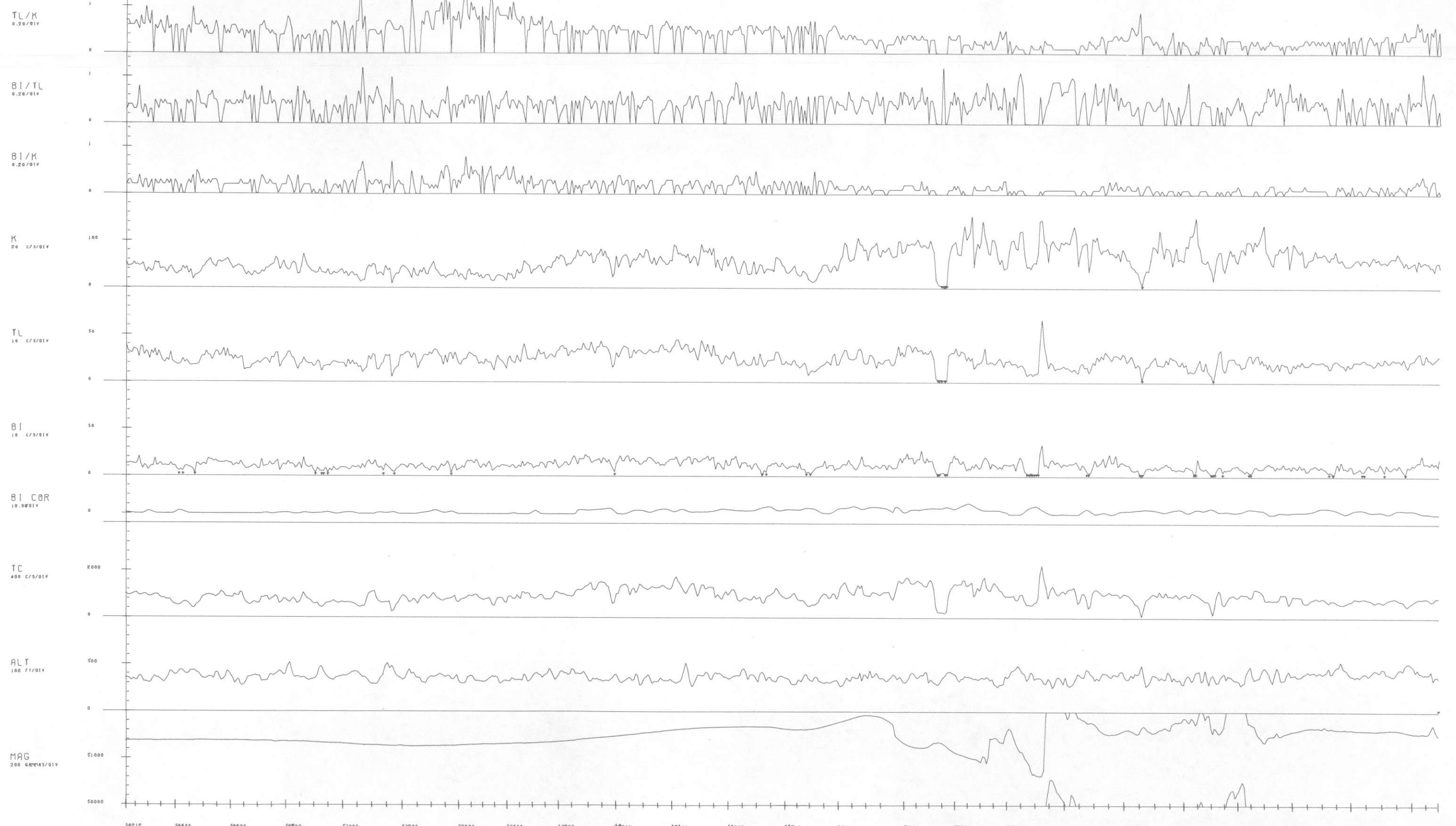
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↑ FLAGGED SAMPLE VALUES OF K, I, T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



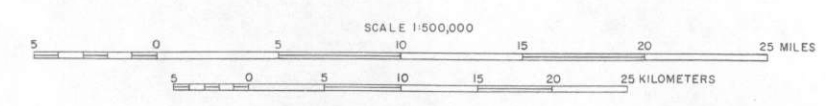
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
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P 24

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



NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

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RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1977

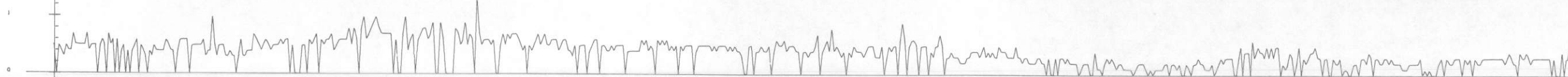
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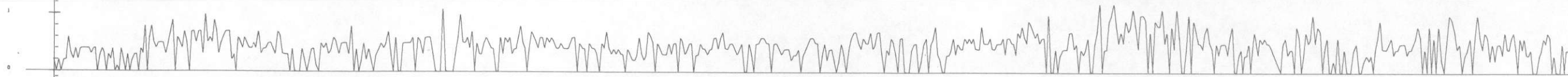




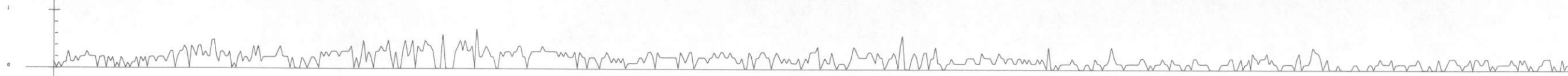
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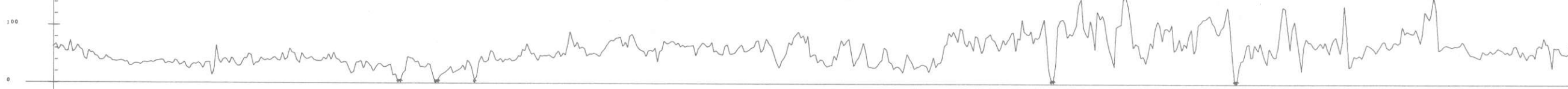
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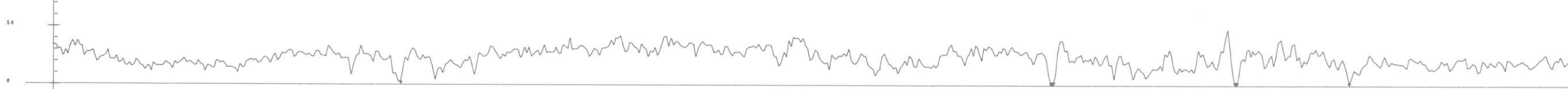
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K  
20 C/S/01V



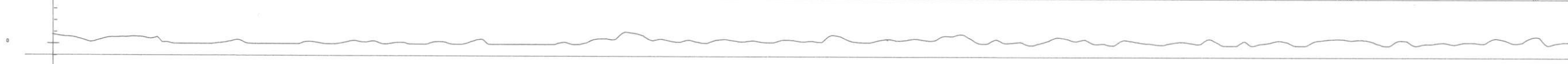
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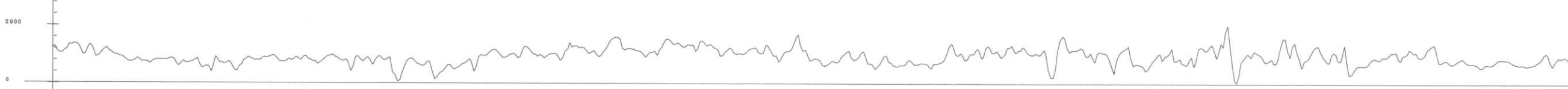
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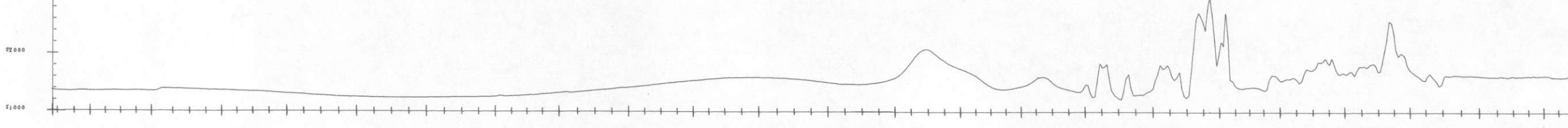
TC  
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ALT  
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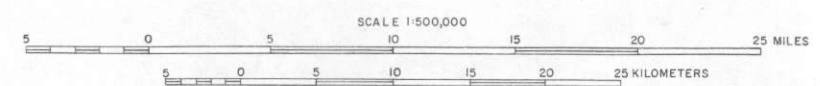
MAG  
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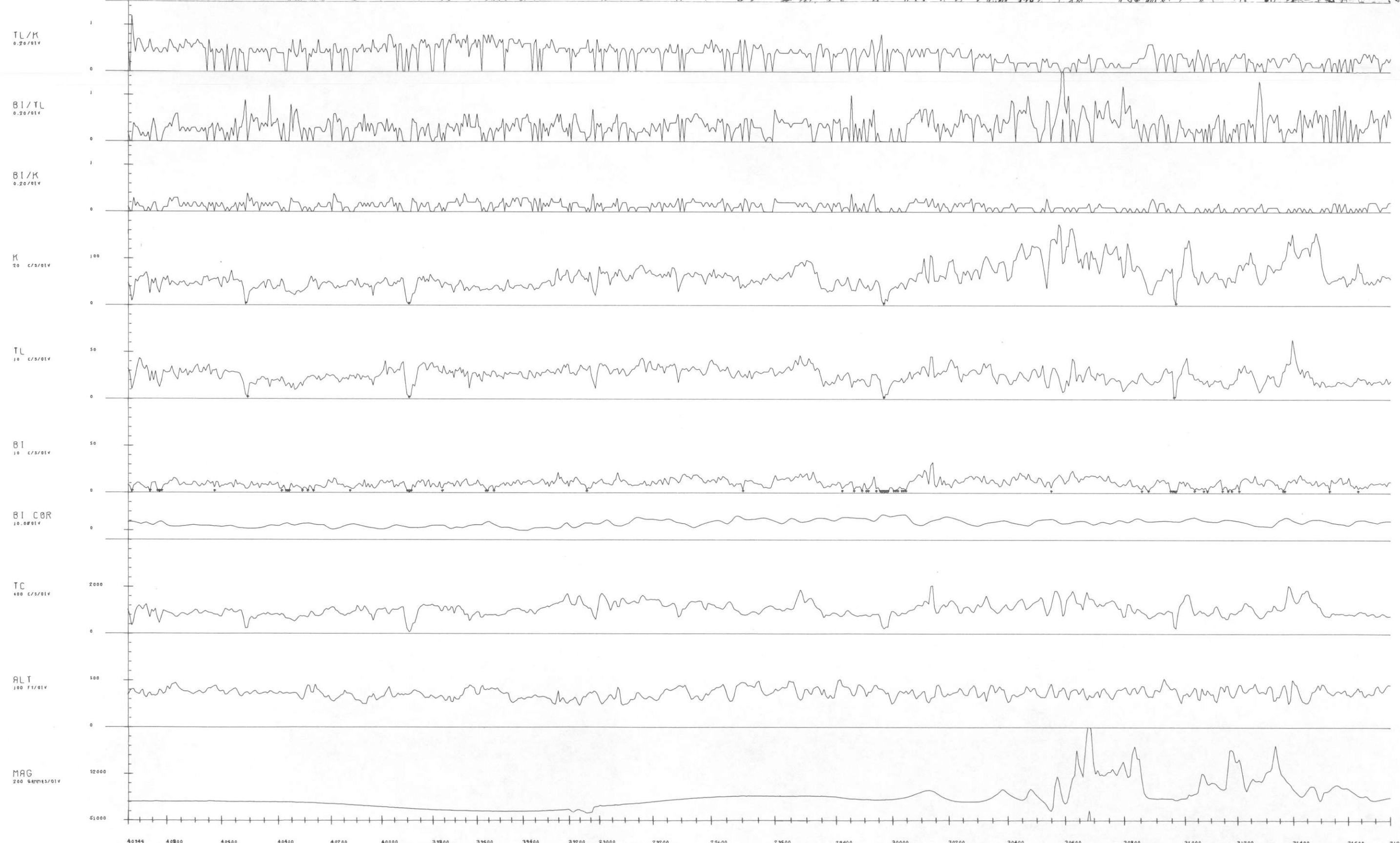
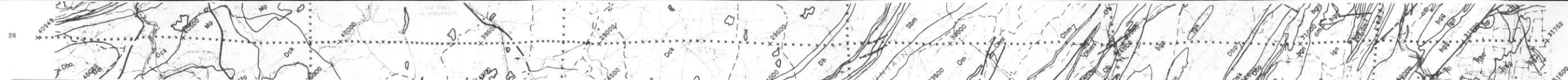
P 25

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



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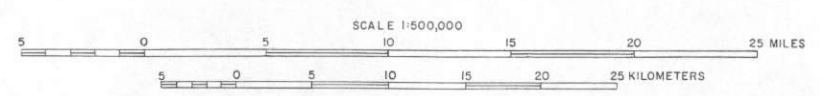




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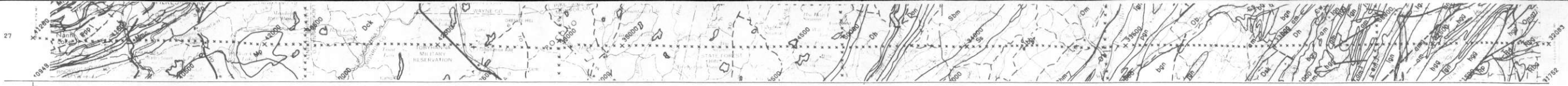
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↑ FLAGGED SAMPLE VALUES OF K, T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST

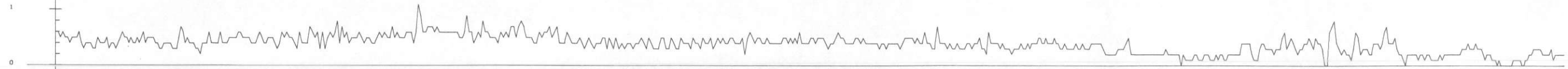


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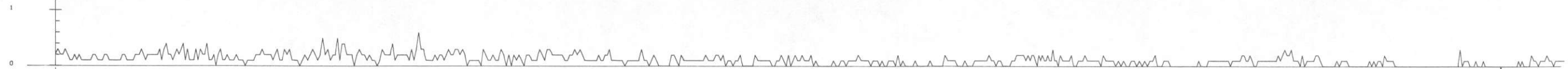
TL/K  
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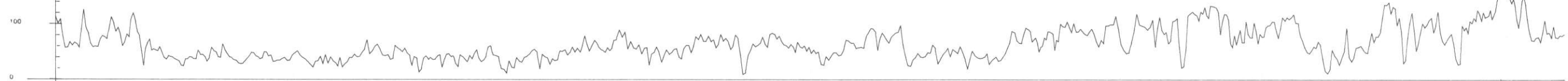
BI/TL  
0.20/DIV



BI/K  
0.20/DIV



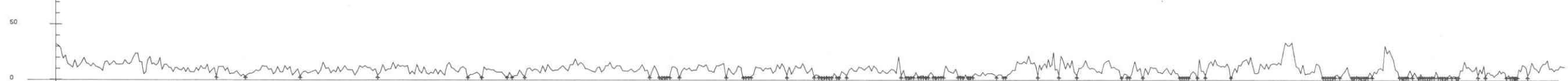
K  
20 C/S/DIV



TL  
10 C/S/DIV



BI  
10 C/S/DIV



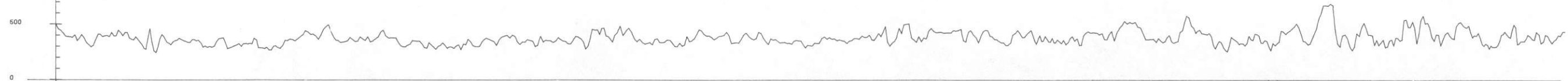
BI COR  
10.00/DIV



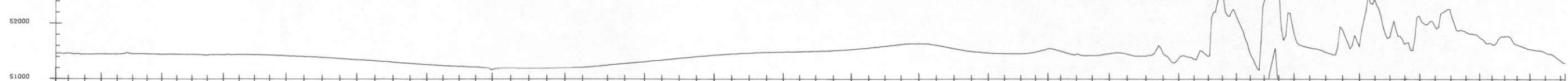
TC  
400 C/S/DIV



ALT  
100 FT/DIV



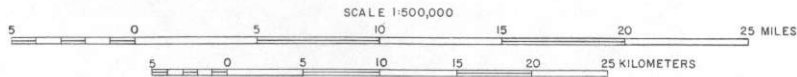
MAG  
200 GAMMAS/DIV



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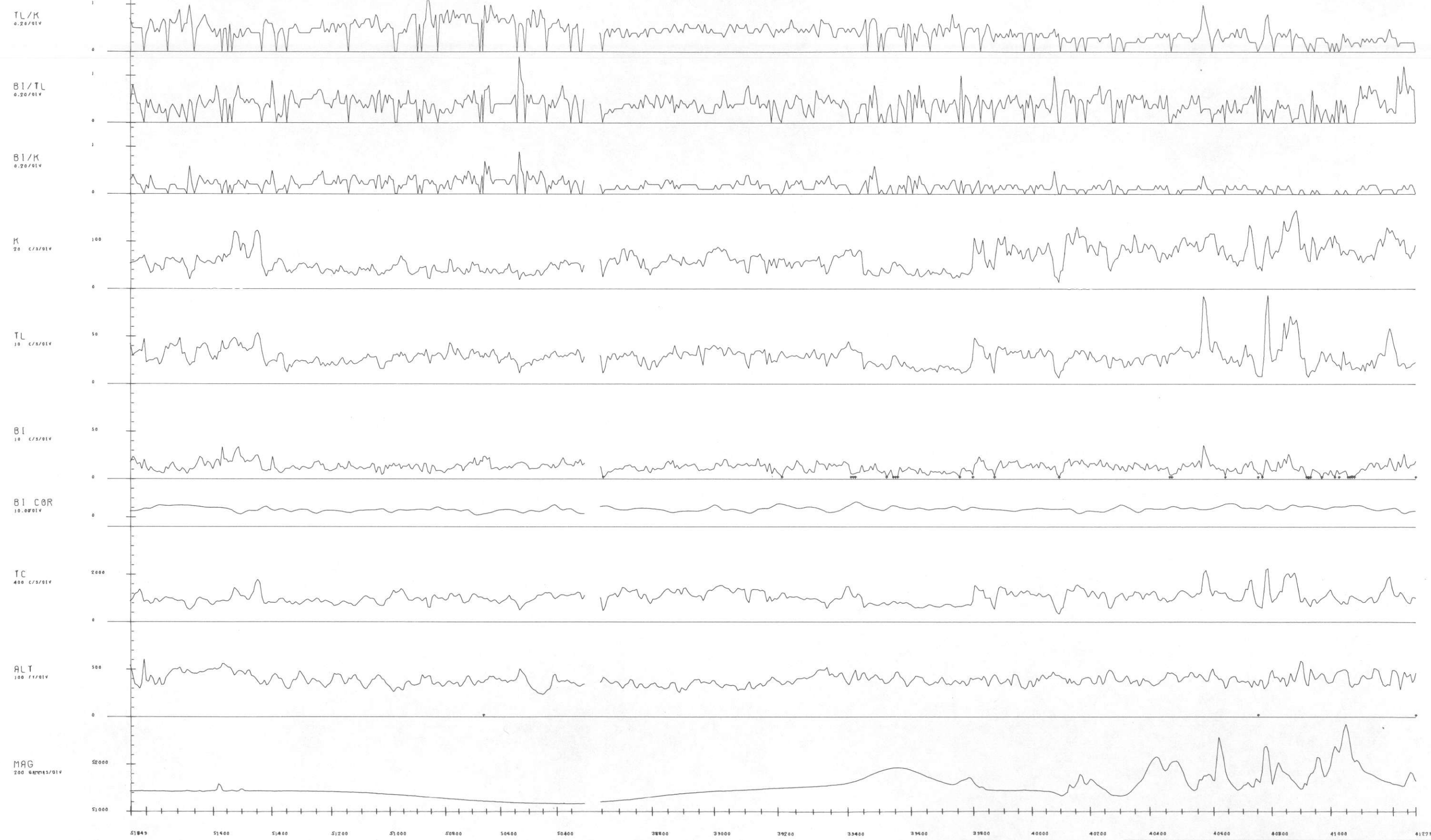
P 27

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



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY

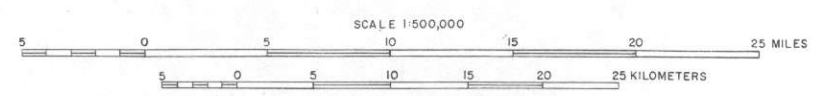




51849 51400 51400 51200 51000 50800 50400 50400 38800 39000 39200 33400 33600 33800 40000 40200 40400 40600 40800 41000 41279

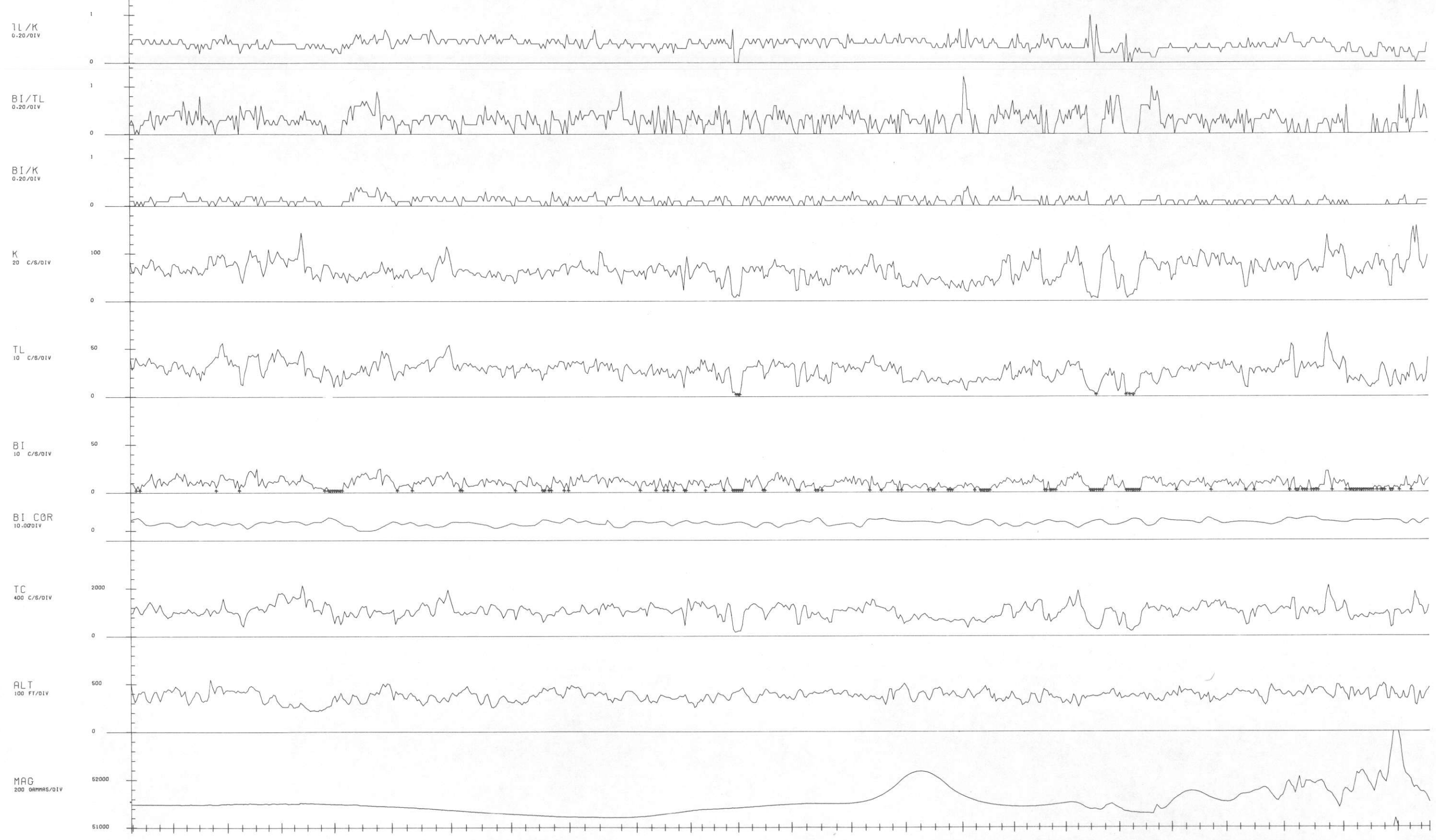
P 28

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



NURE AERIAL GAMMA RAY AND MAGNETIC  
 RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY

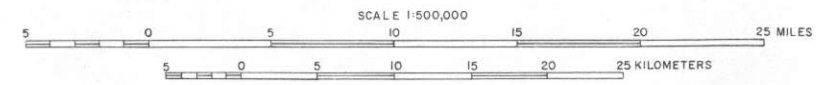




52245 52400 52600 52800 53000 53200 53400 53600 53800 44600 44400 44200 44000 43800 43600 43400 43200 43000 42800 42600 42400 42200 42000 41800 41683

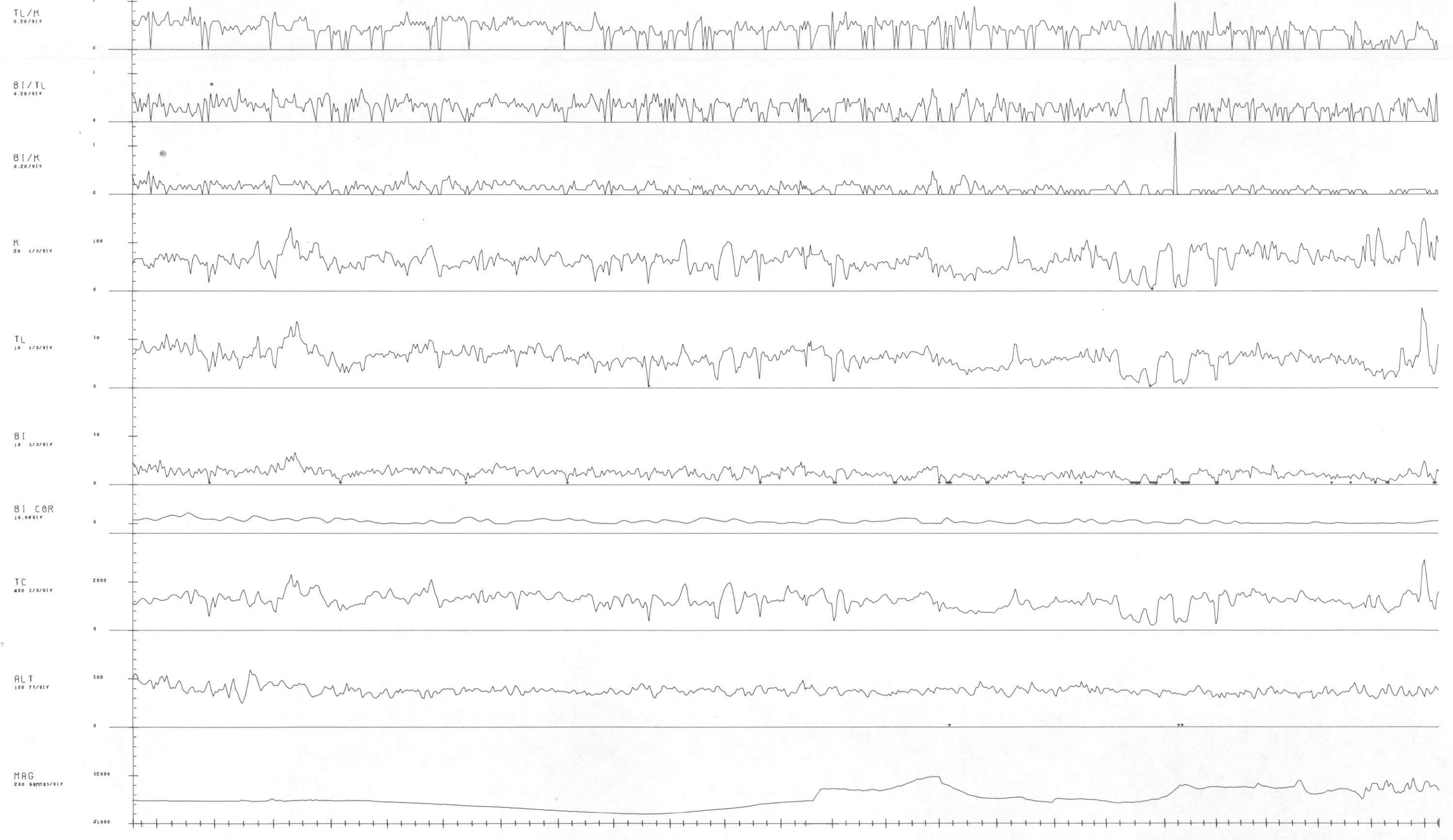
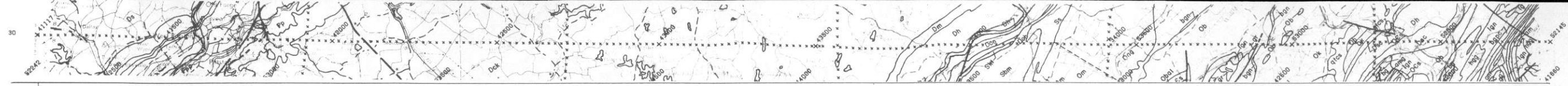
P 29

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



NURE AERIAL GAMMA RAY AND MAGNETIC  
 RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY

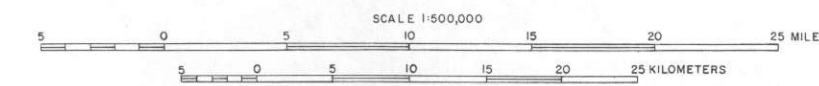




41120 41200 41400 41500 41800 42000 42200 42400 42600 42800 43000 43200 43400 43600 43800 44000 44200 44400 44600 44800 45000 45200 45400 45600 45800 46000 46200 46400 46600 46800 47000

P 30

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

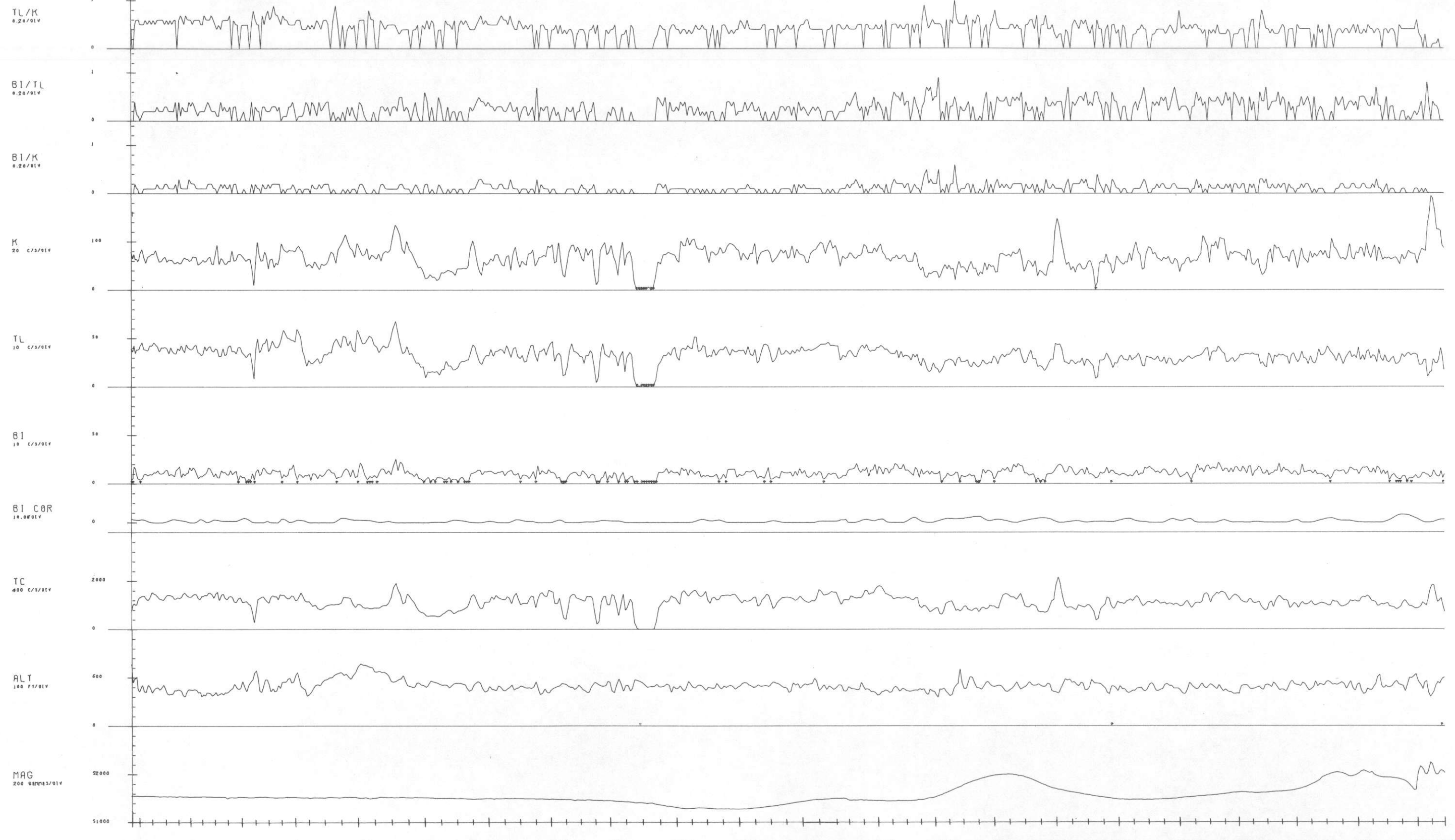


NURE AERIAL GAMMA RAY AND MAGNETIC  
 RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY





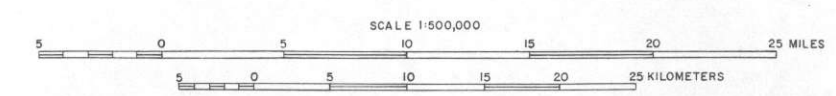




57550 58200 58400 58600 58800 59000 59200 59400 59600 59800 40000 40200 39800 39600 39400 39200 39000 38800 38600 38400 38200 38000 37800 37600 37400 37200 37000 36800 36600 36400 36200 36000

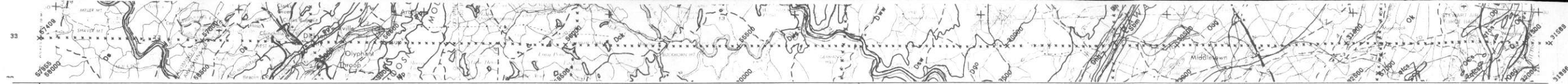
P 32

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



NURE AERIAL GAMMA RAY AND MAGNETIC  
 RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY





TL/K  
0.20/01V



BI/TL  
0.20/01V



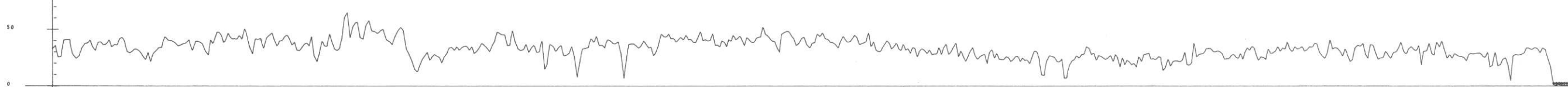
BI/K  
0.20/01V



K  
20 C/5/01V



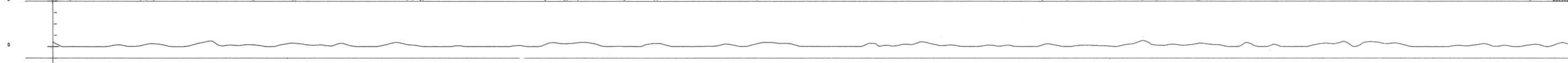
TL  
10 C/5/01V



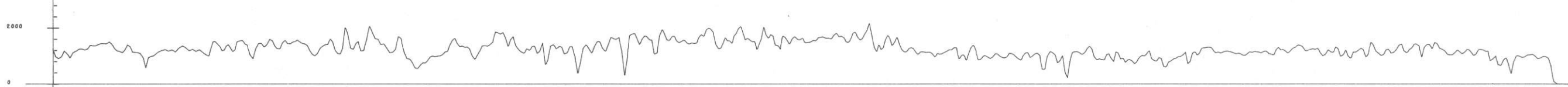
BI  
10 C/5/01V



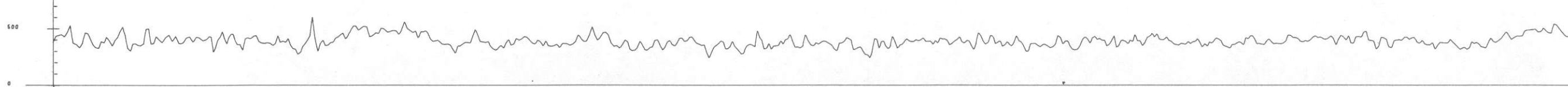
BI COR  
10.00/01V



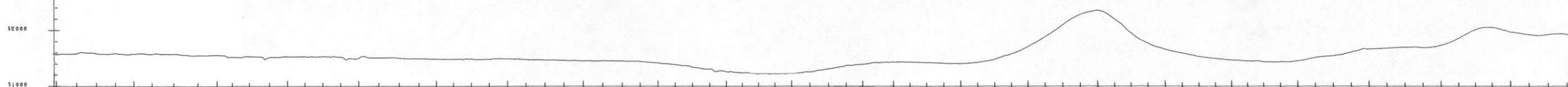
TC  
400 C/5/01V



ALT  
100 ft/01V



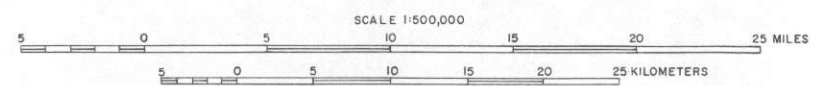
MAG  
200 GAMMAS/01V



57400 57200 57000 56800 56600 56400 56200 56000 55800 55600 55400 55200 55000 54800 54600 54400 54200 54000 53800 53600 53400 53200 53000 52800 52600 52400 52200 52000 51800 51600 51400 51200 51000

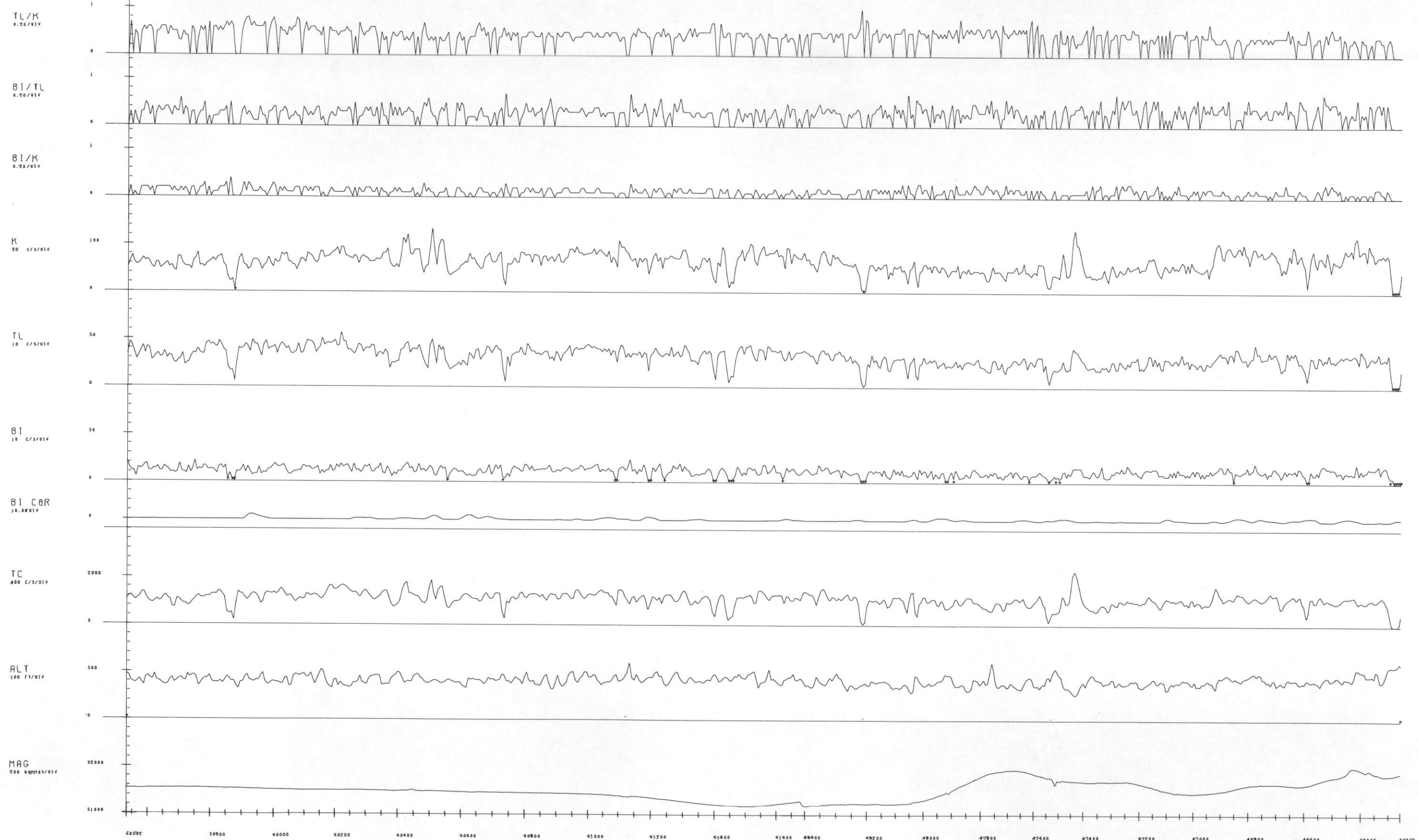
P 33

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



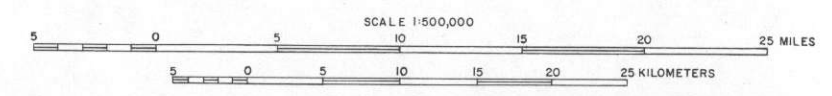
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY





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



NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
DEPARTMENT OF ENERGY

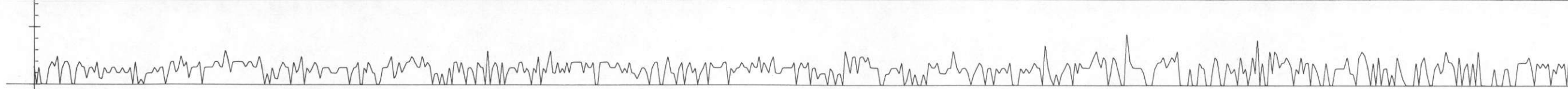




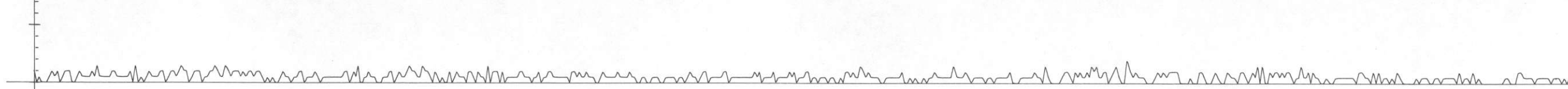
TL/K  
0.20/01V



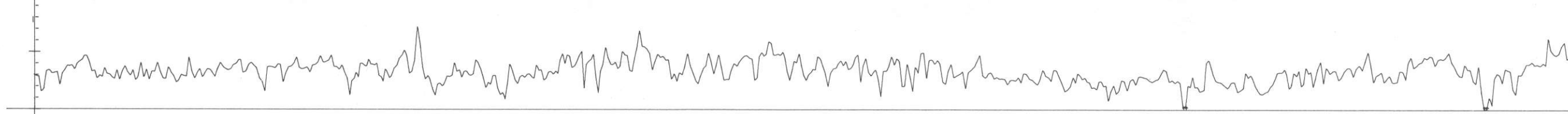
BI/TL  
0.20/01V



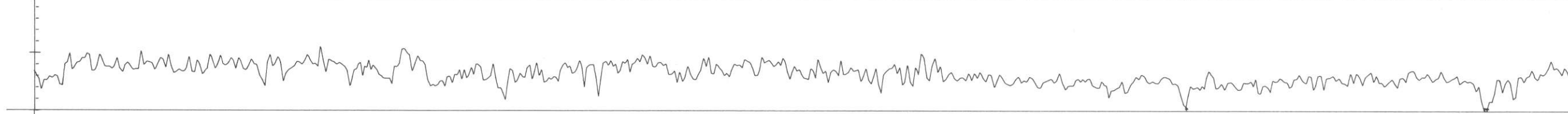
BI/K  
0.20/01V



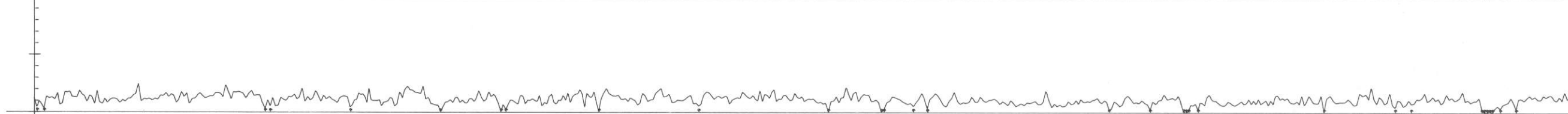
K  
20 C/3/01V



TL  
10 C/3/01V



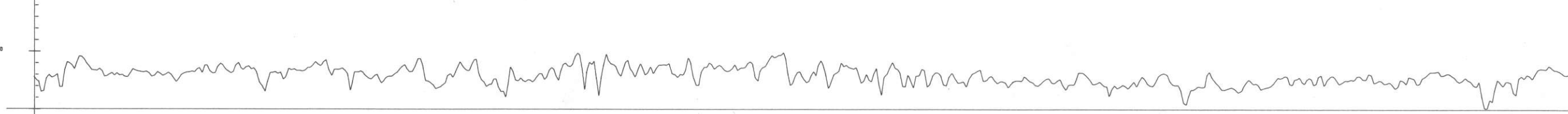
BI  
10 C/3/01V



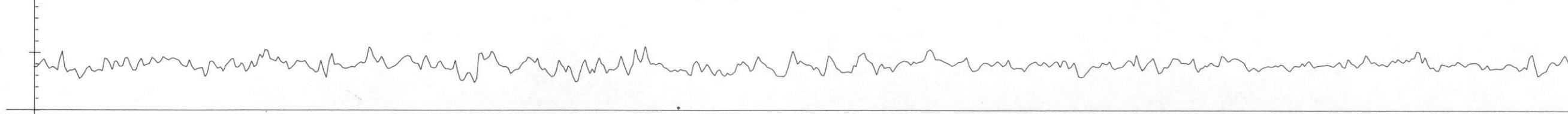
BI COR  
10.00/01V



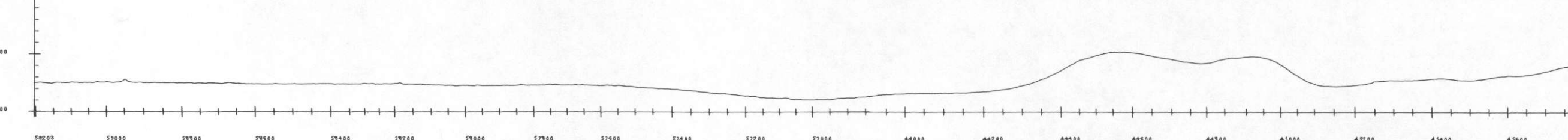
TC  
400 C/3/01V



ALT  
100 F/1/01V

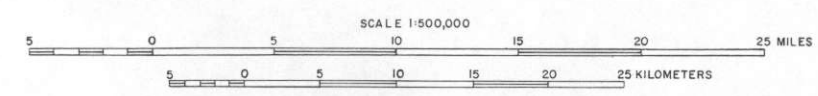


MAG  
200 GAMMA/01V

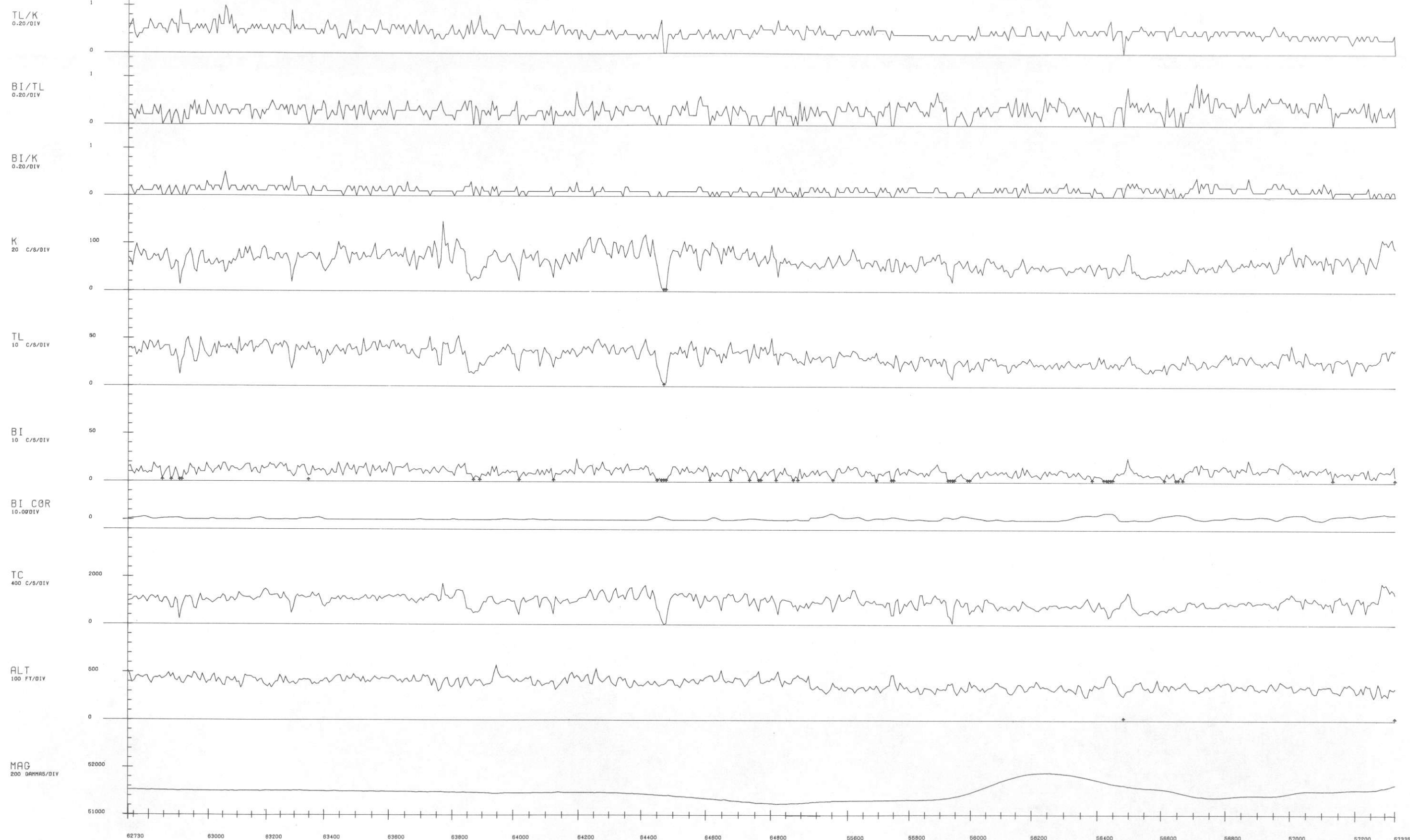
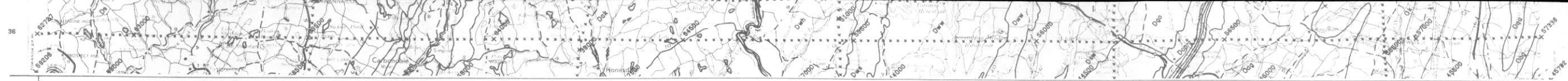


P 35

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

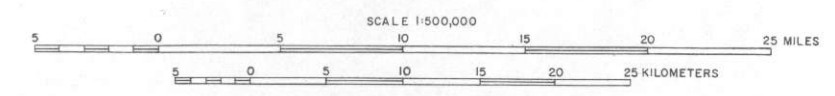


<p>NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY</p> <p><b>THORPE AREA- SCRANTON NK18-8 QUADRANGLE</b></p> <p>RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES 1977</p> <p>BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006</p> <p>PREPARED FOR DEPARTMENT OF ENERGY</p>	
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↑ FLAGGED SAMPLE VALUES OF  
K,U,T INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC  
 RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY





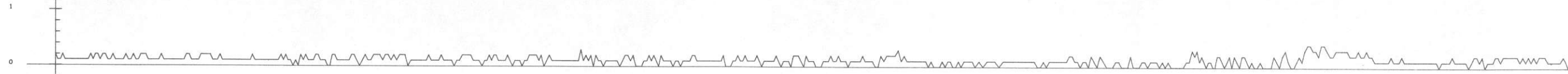
TL/K  
0.20/DIV



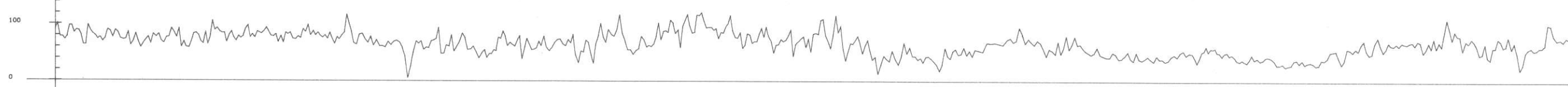
BI/TL  
0.20/DIV



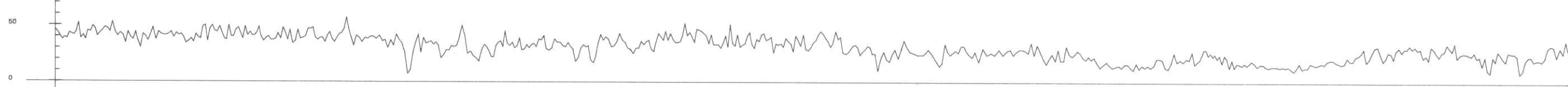
BI/K  
0.20/DIV



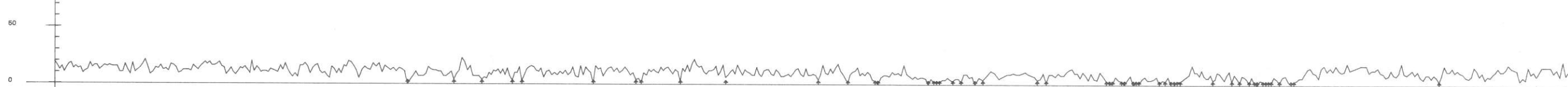
K  
20 C/S/DIV



TL  
10 C/S/DIV



BI  
10 C/S/DIV



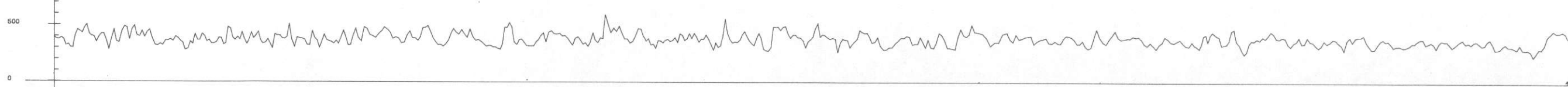
BI COR  
10.00/DIV



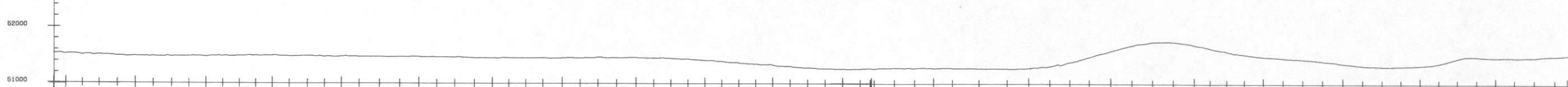
TC  
400 C/S/DIV



ALT  
100 FT/DIV



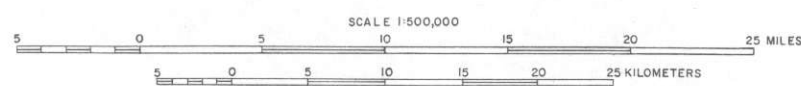
MAG  
200 GAMMAS/DIV



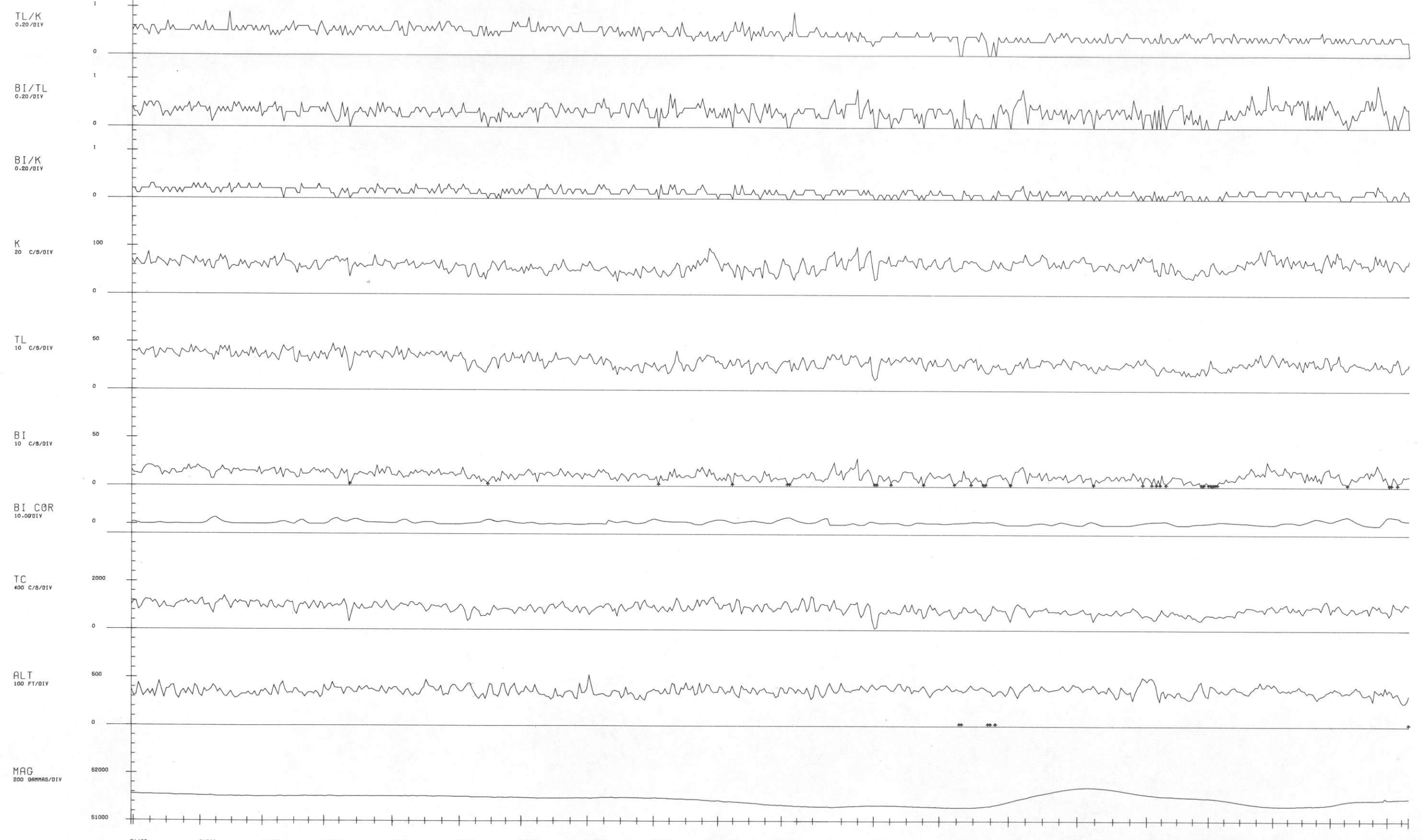
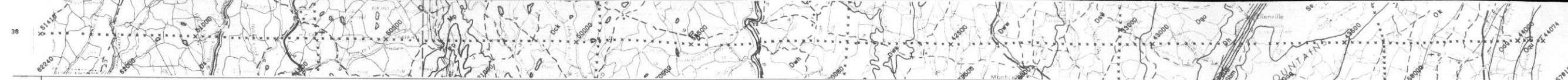
62237 62000 61800 61600 61400 61200 61000 60800 60600 60400 60200 60000 59800 59600 59400 59200 59000 58800 58600 58400 58200 58000 57800 57620

P 37

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



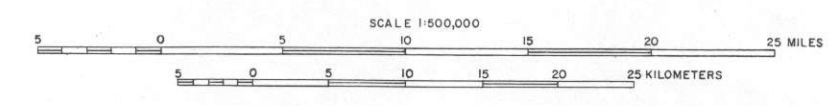
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY



51407 51200 51000 50800 50600 50400 50200 50000 54600 54400 54200 42400 42600 42800 43000 43200 43400 43600 43800 44073

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



NURE AERIAL GAMMA RAY AND MAGNETIC  
 RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY





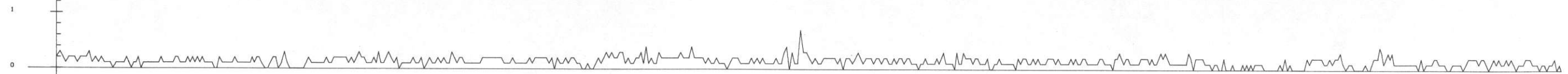
TL/K  
0.20/DIV



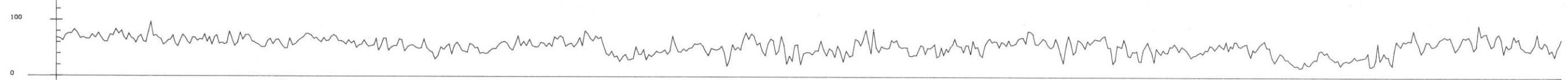
BI/TL  
0.20/DIV



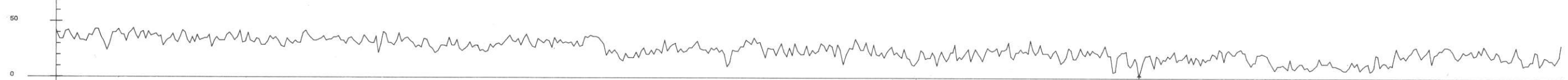
BI/K  
0.20/DIV



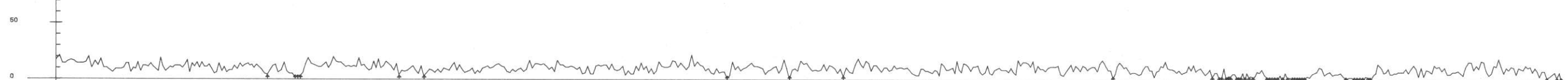
K  
20 C/S/DIV



TL  
10 C/S/DIV



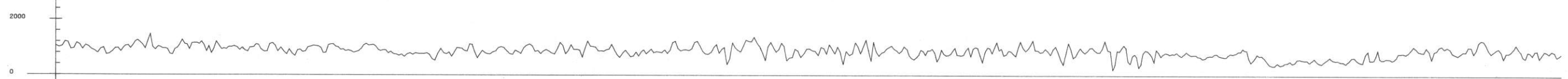
BI  
10 C/S/DIV



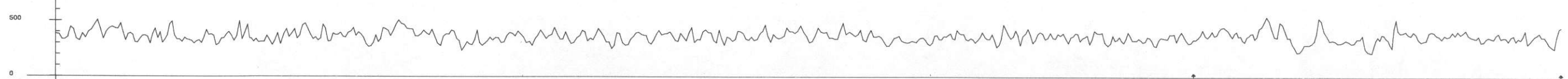
BI COR  
10.00/DIV



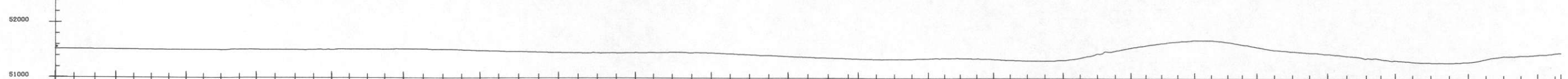
TC  
400 C/S/DIV



ALT  
100 FT/DIV



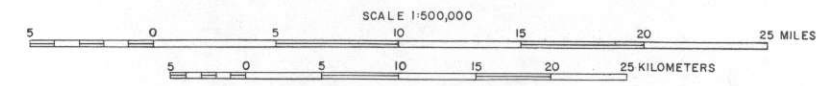
MAG  
200 GAMMAS/DIV



51856 51800 52000 52200 52400 52600 52800 53000 53200 53400 53600 54000 54200 54400 54600 54800 55000 55200 55400 55600 55800 56000 56200 56400 56600 56800 57000 57200 57400 57600 57800 58000 58200 58400 58600 58800 59000 59200 59400 59600 59800 60000 60200 60400 60600 60800 61000 61200 61400 61600 61800 62000 62200 62400 62600 62800 63000 63200 63400 63600 63800 64000 64200 64400 64600 64800 65000 65200 65400 65600 65800 66000 66200 66400 66600 66800 67000 67200 67400 67600 67800 68000 68200 68400 68600 68800 69000 69200 69400 69600 69800 70000 70200 70400 70600 70800 71000 71200 71400 71600 71800 72000 72200 72400 72600 72800 73000 73200 73400 73600 73800 74000 74200 74400 74600 74800 75000 75200 75400 75600 75800 76000 76200 76400 76600 76800 77000 77200 77400 77600 77800 78000 78200 78400 78600 78800 79000 79200 79400 79600 79800 80000 80200 80400 80600 80800 81000 81200 81400 81600 81800 82000 82200 82400 82600 82800 83000 83200 83400 83600 83800 84000 84200 84400 84600 84800 85000 85200 85400 85600 85800 86000 86200 86400 86600 86800 87000 87200 87400 87600 87800 88000 88200 88400 88600 88800 89000 89200 89400 89600 89800 90000 90200 90400 90600 90800 91000 91200 91400 91600 91800 92000 92200 92400 92600 92800 93000 93200 93400 93600 93800 94000 94200 94400 94600 94800 95000 95200 95400 95600 95800 96000 96200 96400 96600 96800 97000 97200 97400 97600 97800 98000 98200 98400 98600 98800 99000 99200 99400 99600 99800 100000

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



NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

**THORPE AREA- SCRANTON NK18-8 QUADRANGLE**  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1977

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

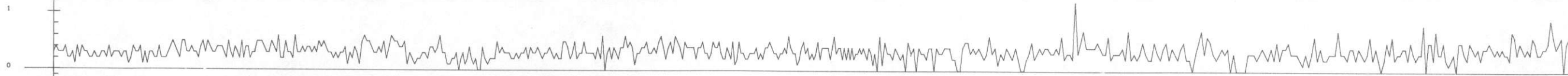
PREPARED FOR  
DEPARTMENT OF ENERGY



TL/K  
0.20/DIV



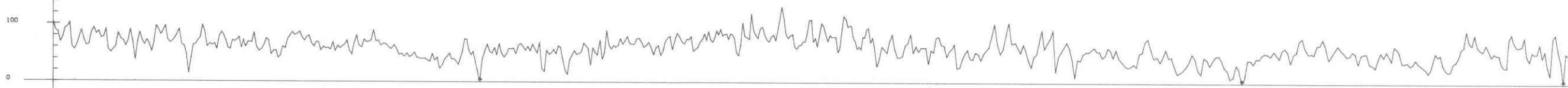
BI/TL  
0.20/DIV



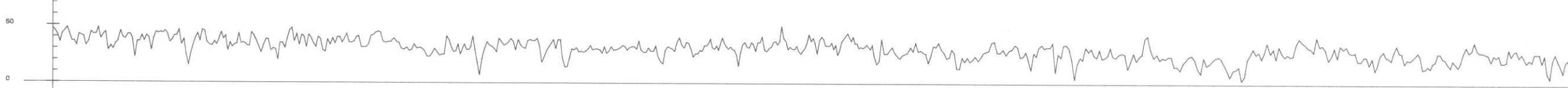
BI/K  
0.20/DIV



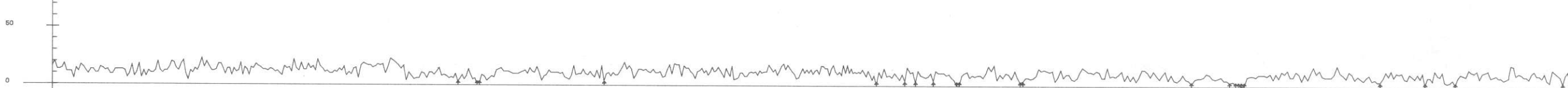
K  
20 C/S/DIV



TL  
10 C/S/DIV



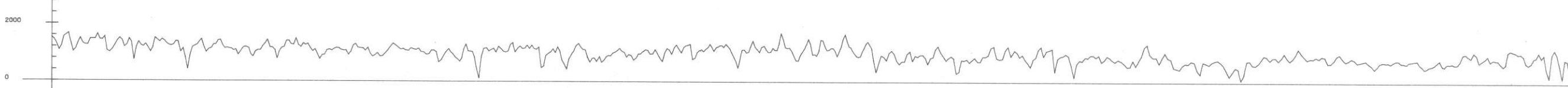
BI  
10 C/S/DIV



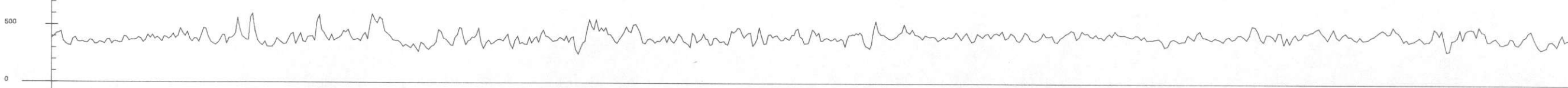
BI COR  
10.00/DIV



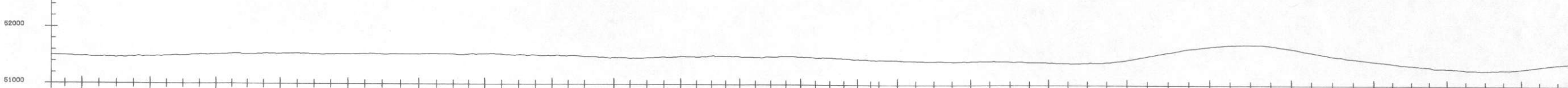
TC  
400 C/S/DIV



ALT  
100 FT/DIV



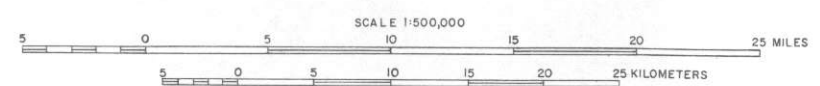
MAG  
200 GAMMAS/DIV



33992 33800 33600 33400 33200 33000 32800 32600 32400 31000 30800 30600 30400 30200 40000 40200 40400 40800 41000 41200 41400 41600 41743

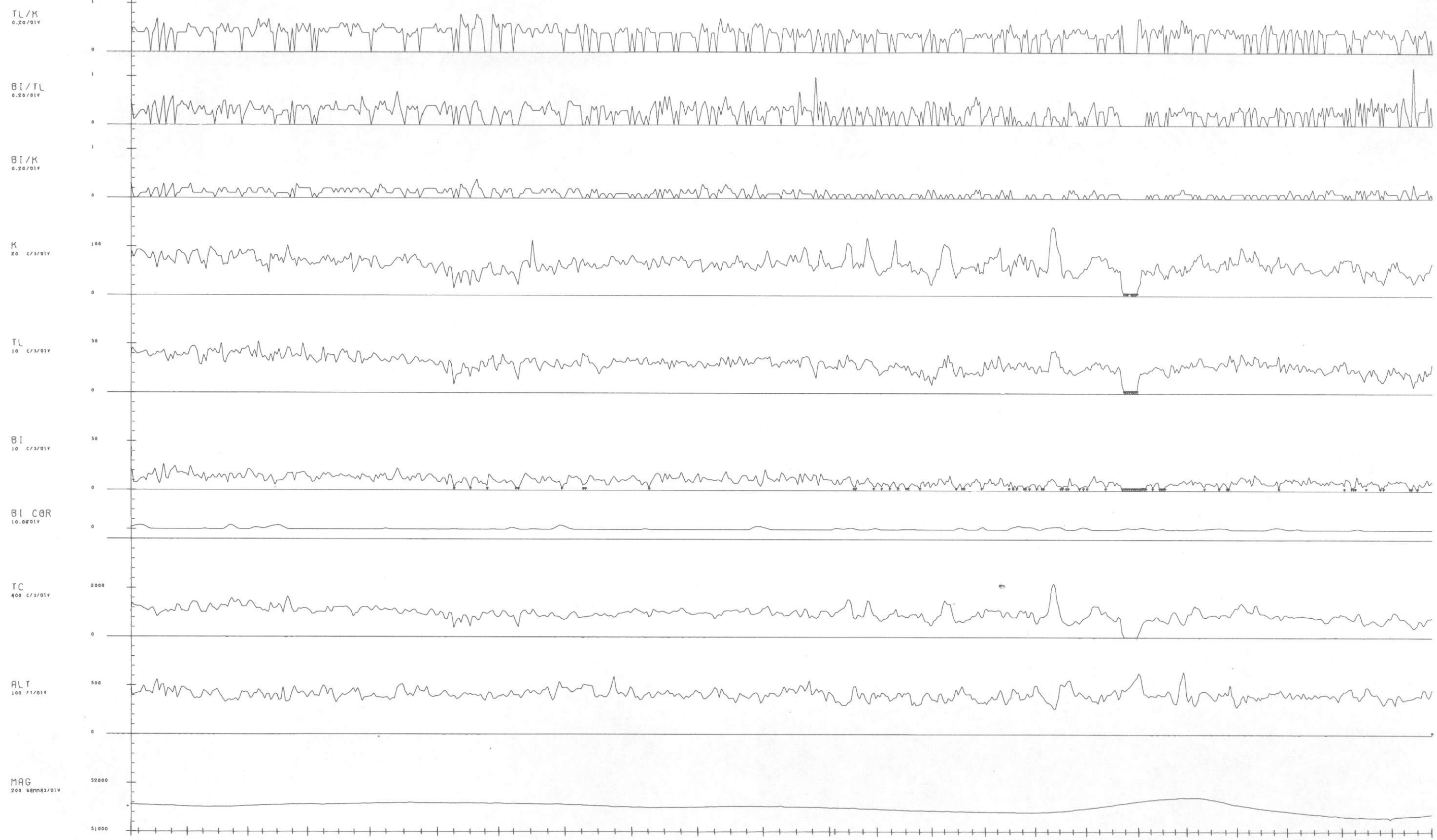
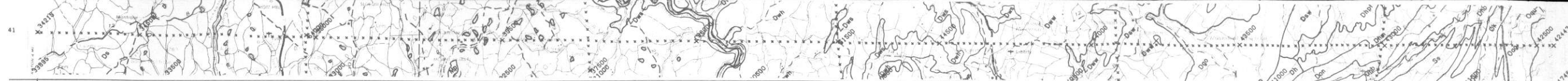
P 40

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



NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
DEPARTMENT OF ENERGY

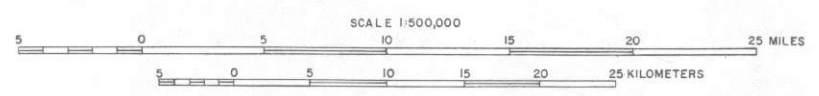




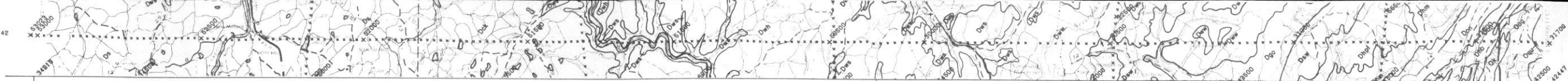
34219 34400 34600 34800 35000 35200 35400 35600 35800 36000 36200 36400 44600 44800 44200 44000 43800 43600 43400 43200 43000 42800 42600 42443

P 41

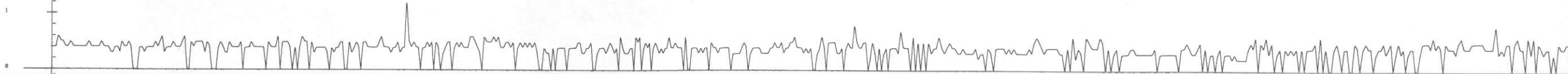
↑ FLAGGED SAMPLE VALUES OF  
K,U,T INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST



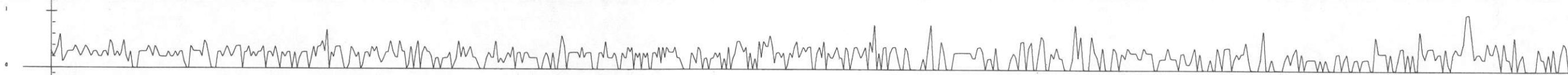
NURE AERIAL GAMMA RAY AND MAGNETIC  
 RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
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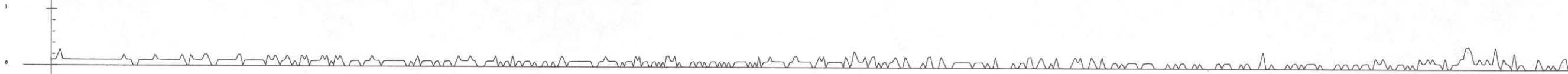
TL/K  
0.20/01V



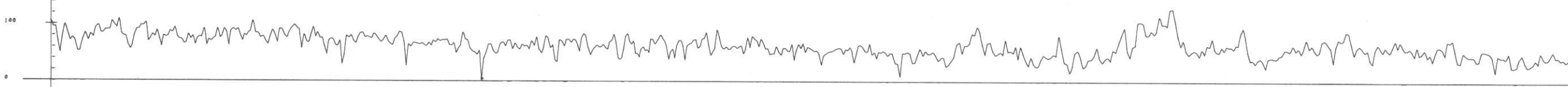
BI/TL  
0.20/01V



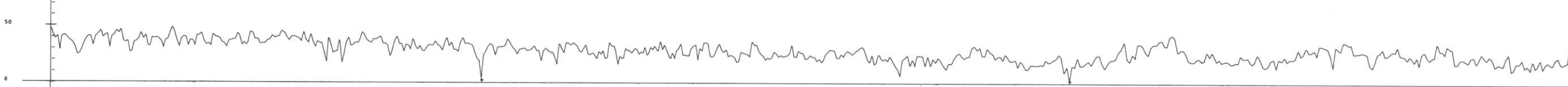
BI/K  
0.20/01V



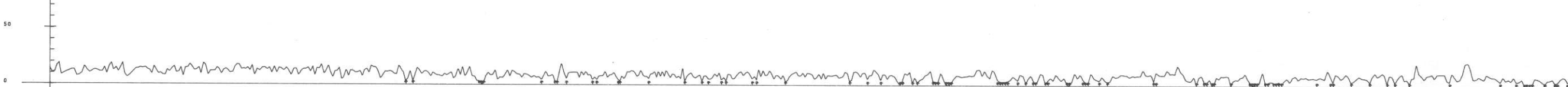
K  
20 C/S/01V



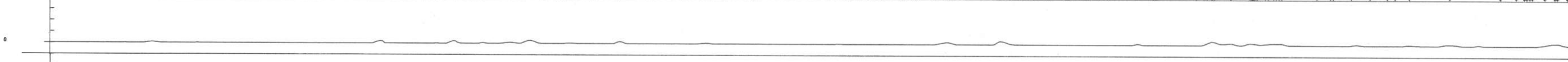
TL  
10 C/S/01V



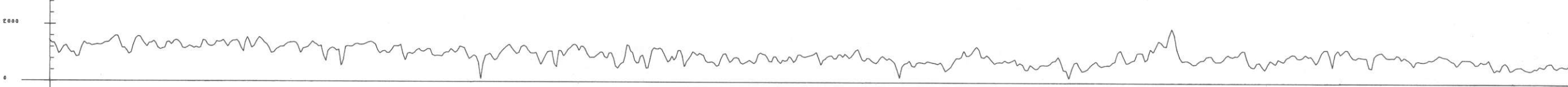
BI  
10 C/S/01V



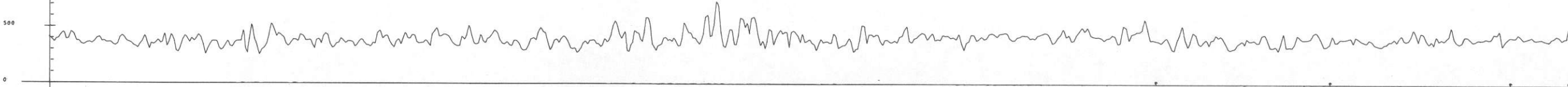
BI COR  
10.00/01V



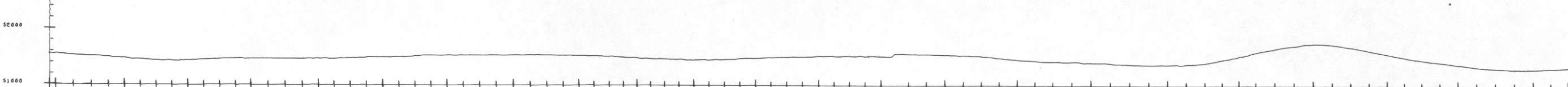
TC  
400 C/S/01V



ALT  
100 FT/01V



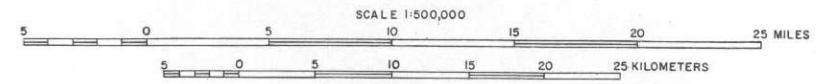
MAG  
200 GAMMAS/01V



53020 32800 32600 32400 32200 32000 31800 31600 31400 31200 31000 30800 30600 30400 30200 30000 30400 30600 30800 31000 31200 31400 31600 31800

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

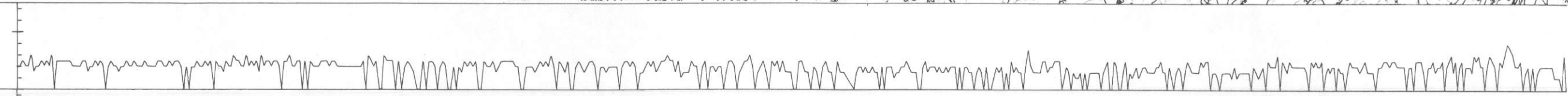


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
DEPARTMENT OF ENERGY

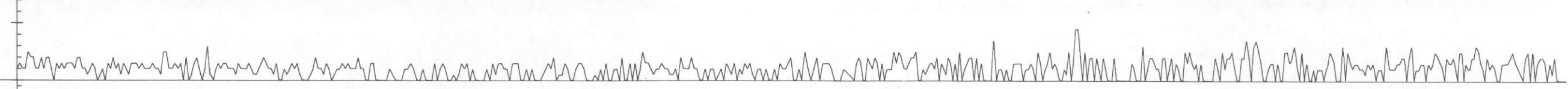




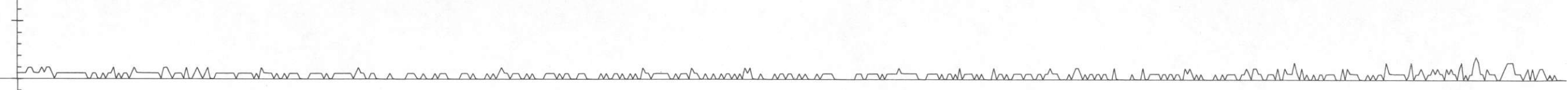
TL/K  
4.26/div



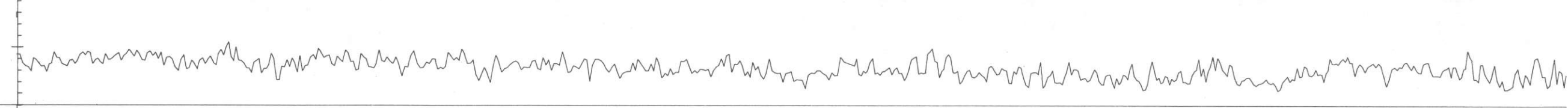
BI/TL  
0.20/div



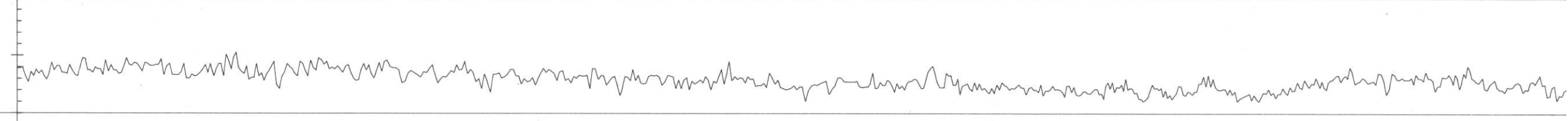
BI/K  
0.26/div



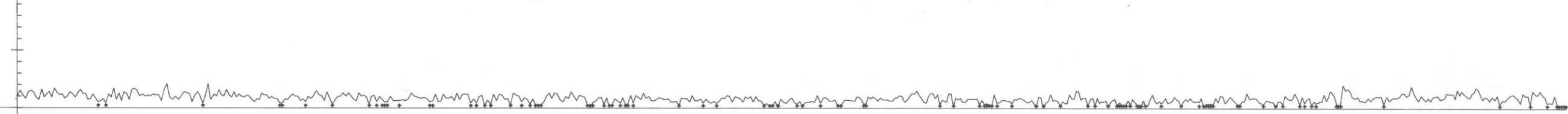
K  
20 c/s/div



TL  
10 c/s/div



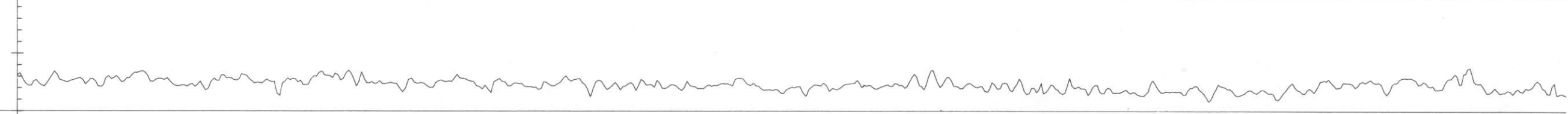
BI  
10 c/s/div



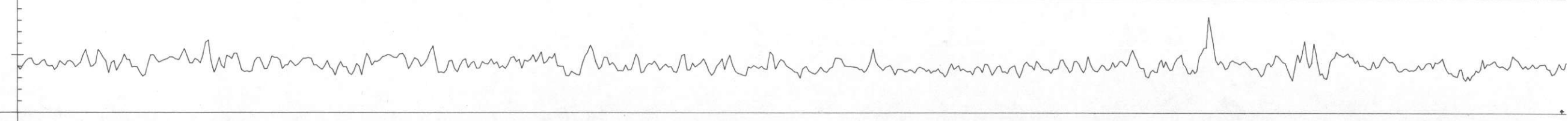
BI COR  
10.00/div



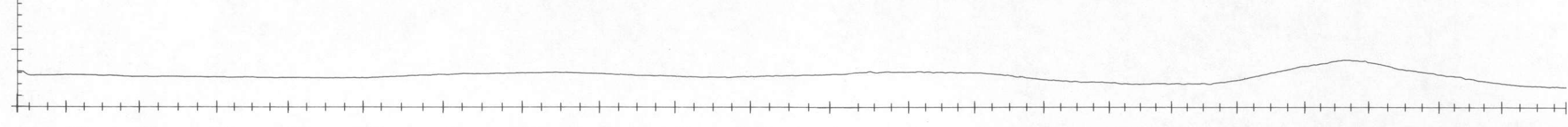
TC  
400 c/s/div



ALT  
100 FT/div



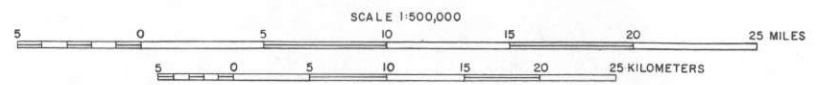
MAG  
200 GRAMS/div



53870 54000 54200 54400 54600 54800 55000 55200 55400 55600 55800 56000 56200 56400 56600 56800 57000 57200 57400 57600 57800 58000 58200 58400 58600 58800 59000 59200 59400 59600 59800 60000 60200 60400 60600 60800 61000 61200 61400 61600 61800 62000 62200 62400 62600 62800 63000 63200 63400 63600 63800 64000 64200 64400 64600 64800 65000 65200 65400 65600 65800 66000 66200 66400 66600 66800 67000 67200 67400 67600 67800 68000 68200 68400 68600 68800 69000 69200 69400 69600 69800 70000 70200 70400 70600 70800 71000 71200 71400 71600 71800 72000 72200 72400 72600 72800 73000 73200 73400 73600 73800 74000 74200 74400 74600 74800 75000 75200 75400 75600 75800 76000 76200 76400 76600 76800 77000 77200 77400 77600 77800 78000 78200 78400 78600 78800 79000 79200 79400 79600 79800 80000 80200 80400 80600 80800 81000 81200 81400 81600 81800 82000 82200 82400 82600 82800 83000 83200 83400 83600 83800 84000 84200 84400 84600 84800 85000 85200 85400 85600 85800 86000 86200 86400 86600 86800 87000 87200 87400 87600 87800 88000 88200 88400 88600 88800 89000 89200 89400 89600 89800 90000 90200 90400 90600 90800 91000 91200 91400 91600 91800 92000 92200 92400 92600 92800 93000 93200 93400 93600 93800 94000 94200 94400 94600 94800 95000 95200 95400 95600 95800 96000 96200 96400 96600 96800 97000 97200 97400 97600 97800 98000 98200 98400 98600 98800 99000 99200 99400 99600 99800 100000

P 43

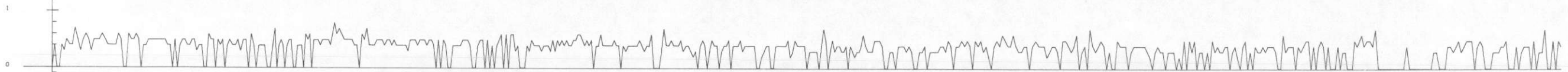
↑ FLAGGED SAMPLE VALUES OF K, U, T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



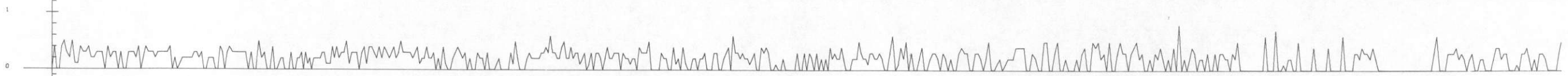
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY



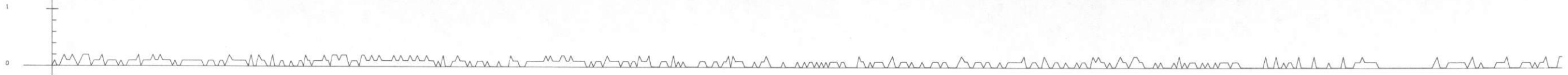
TL/K  
0.20/DIV



BI/TL  
0.20/DIV



BI/K  
0.20/DIV



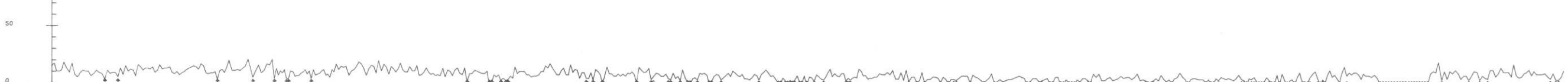
K  
20 C/S/DIV



TL  
10 C/S/DIV



BI  
10 C/S/DIV



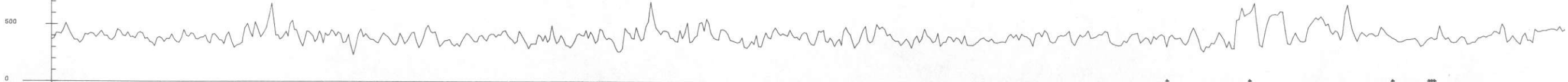
BI COR  
10.00/DIV



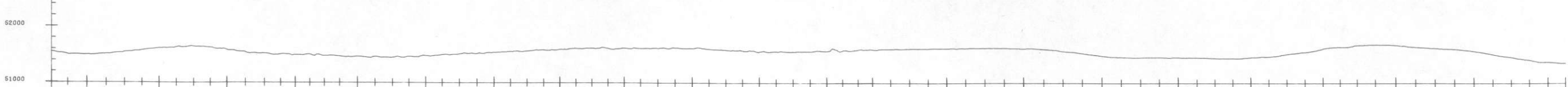
TC  
400 C/S/DIV



ALT  
100 FT/DIV



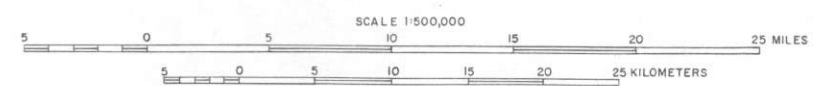
MAG  
200 GAMMAS/DIV



40097 40000 39800 39600 39400 39200 39000 38800 38600 38400 38200 38000 37800 48800 49000 49200 49400 49600 49800 50000 50200 50400 50645

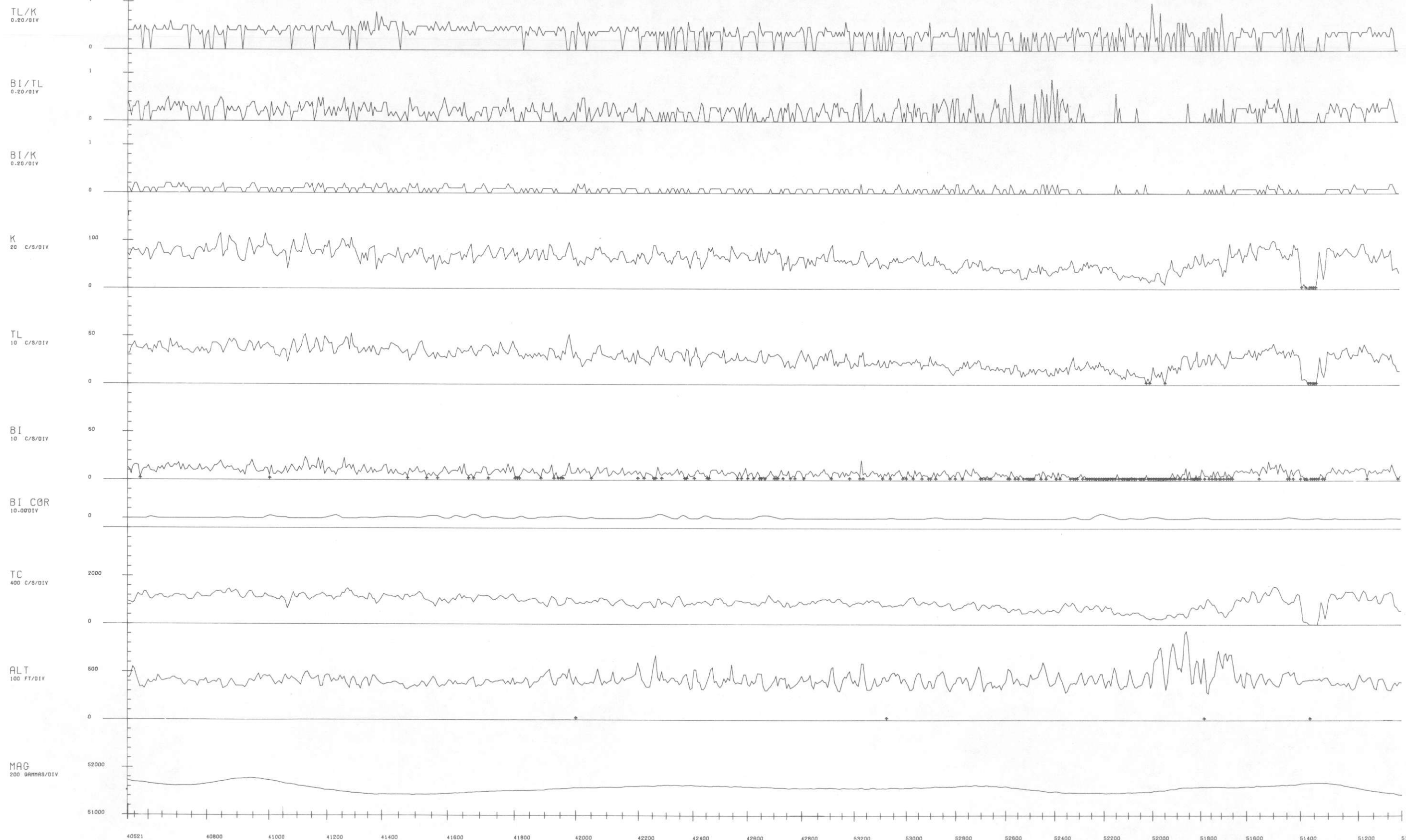
P 44

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



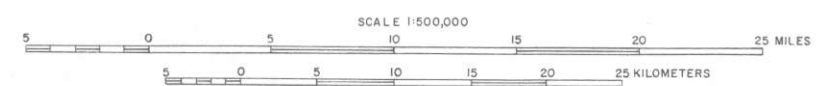
NURE AERIAL GAMMA RAY AND MAGNETIC  
 RECONNAISSANCE SURVEY  
**THORPE AREA- SCRANTON NK18-8 QUADRANGLE**  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY





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

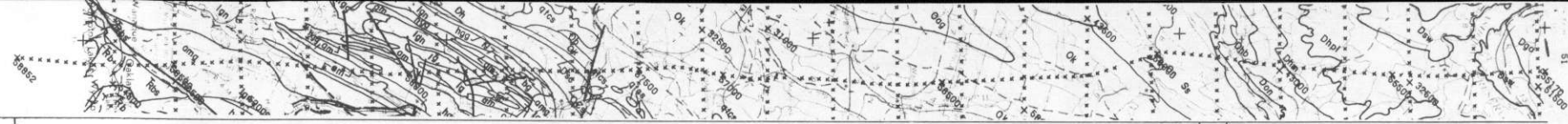


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

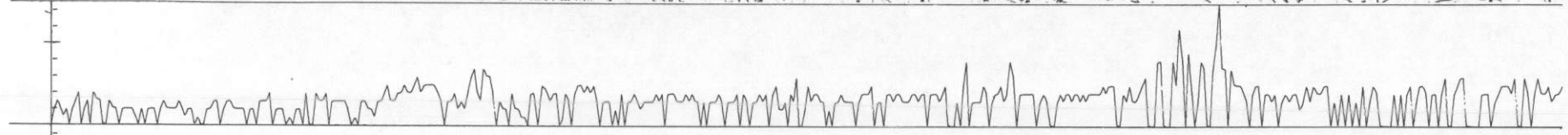
THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1977

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

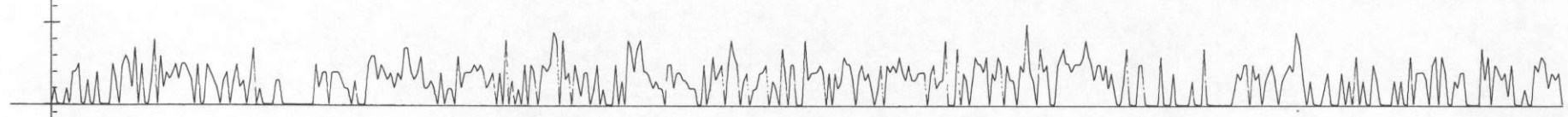
PREPARED FOR  
DEPARTMENT OF ENERGY



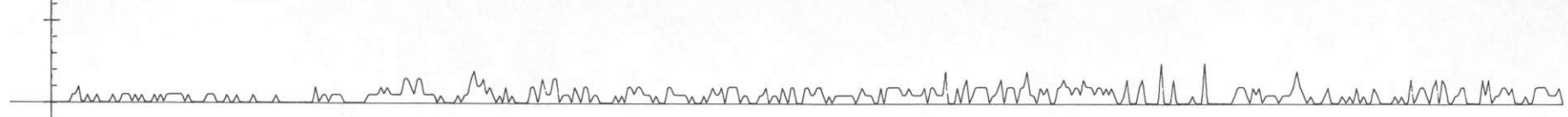
TL/K  
0.20/01V



BI/TL  
0.20/01V



BI/K  
0.20/01V



K  
20 c/3/01V



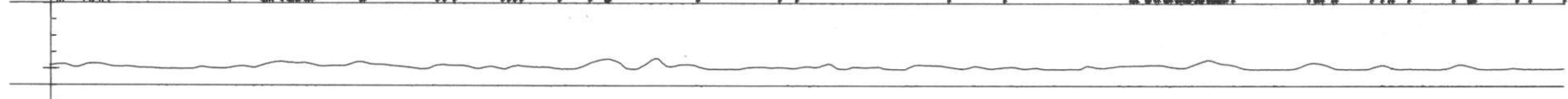
TL  
10 c/3/01V



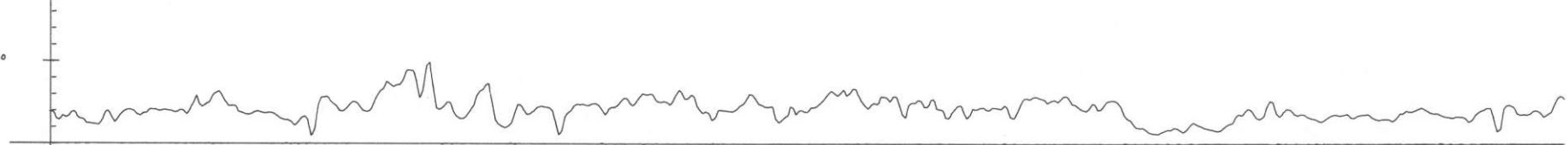
BI  
10 c/3/01V



BI COR  
10.0001V



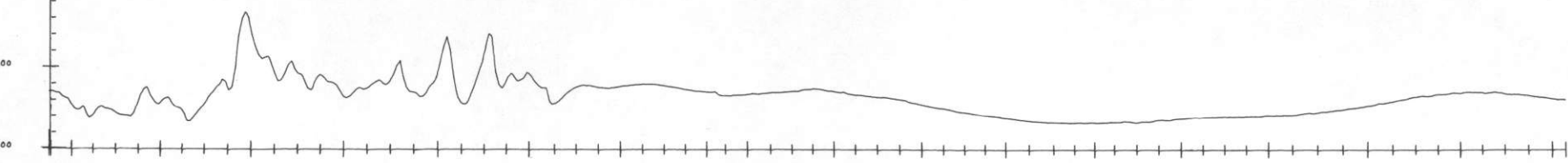
TC  
400 c/3/01V



ALT  
100 ft/01V



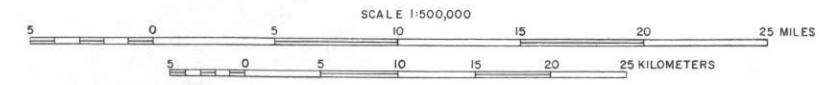
MAG  
200 Gauss/01V



58845 58600 58400 58200 58000 57800 57600 57400 57200 57000 56800 56600 56400 56200 56000 55800 55600 55400 55175

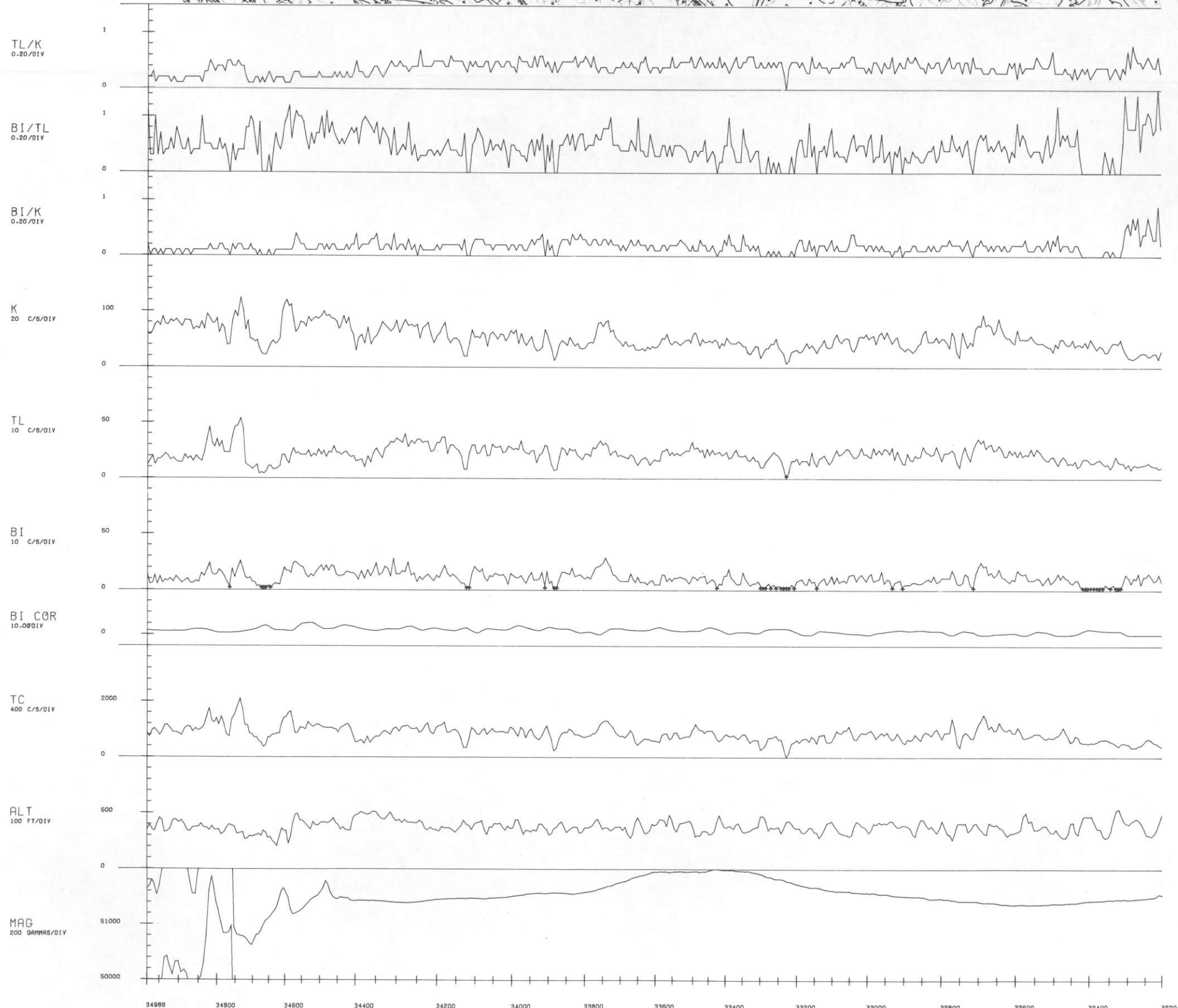
TL 51

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



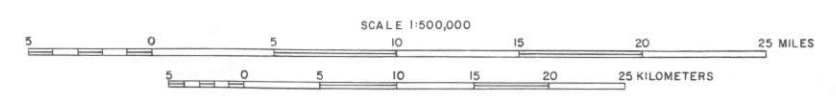
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
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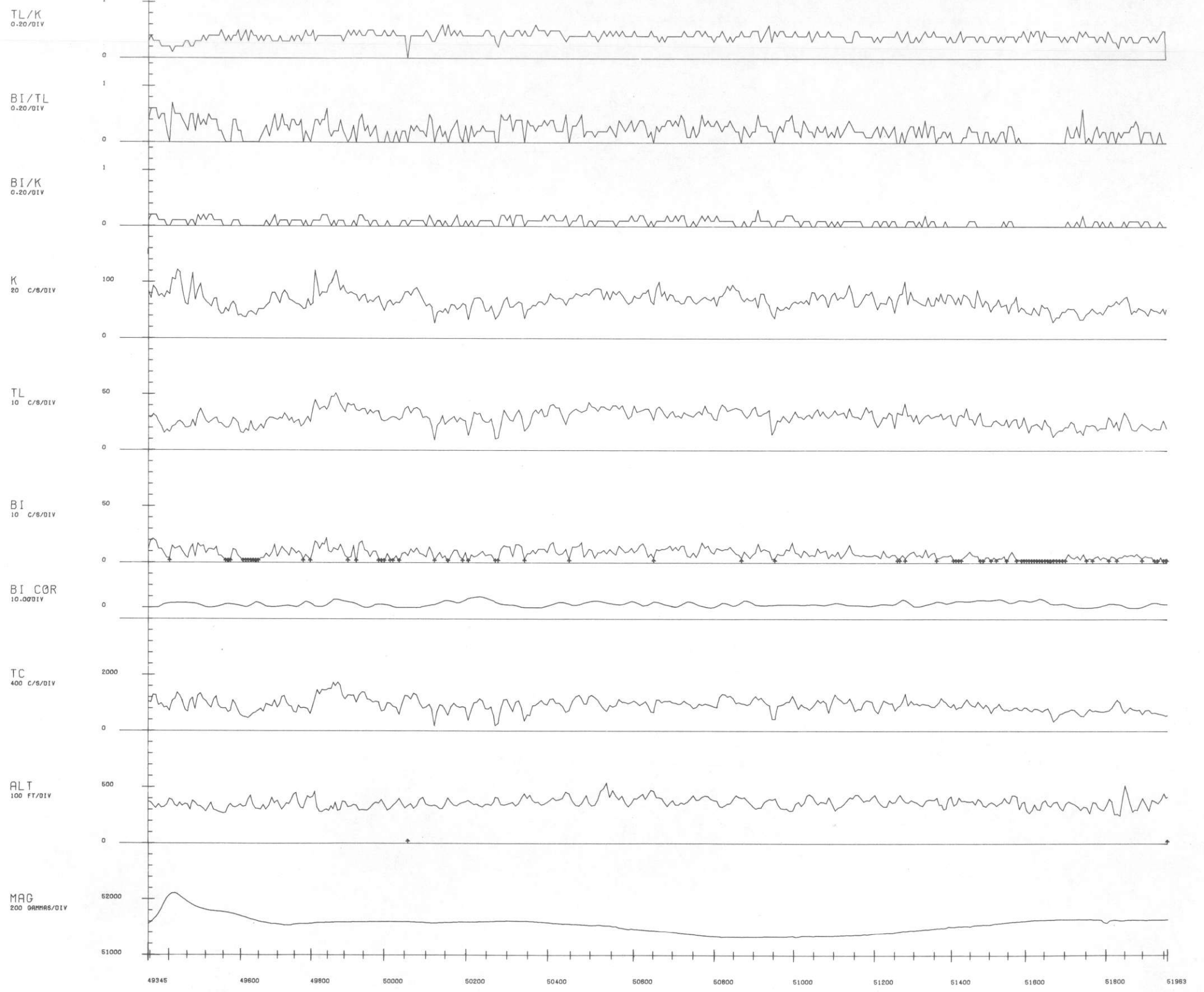


TL 52

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



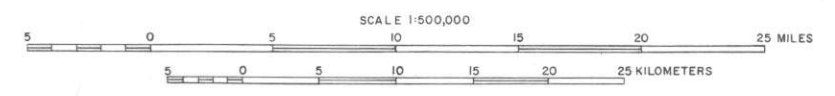
NURE AERIAL GAMMA RAY AND MAGNETIC  
 RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY



49345 49800 49800 50000 50200 50400 50800 50800 51000 51200 51400 51800 51963

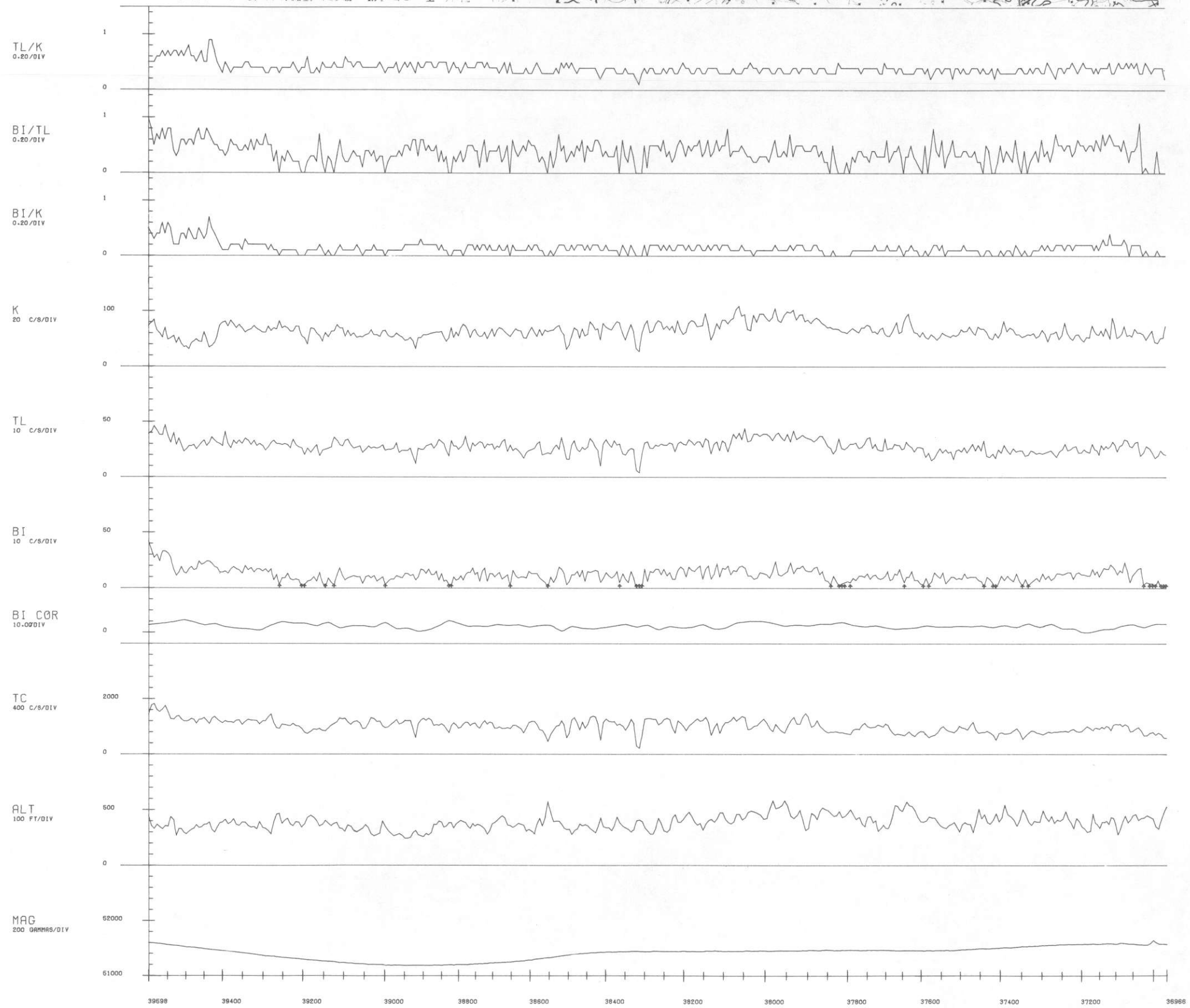
TL 53

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



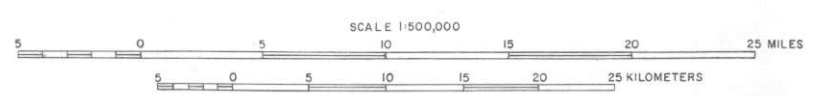
NURE AERIAL GAMMA RAY AND MAGNETIC  
 RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY





TL 54

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



NURE AERIAL GAMMA RAY AND MAGNETIC  
 RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 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  
20 C/S/DIV



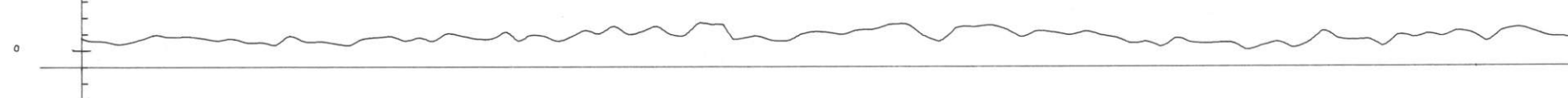
TL  
10 C/S/DIV



BI  
10 C/S/DIV



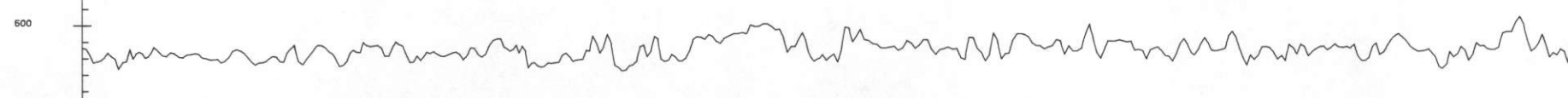
BI COR  
10.00/DIV



TC  
400 C/S/DIV



ALT  
100 FT/DIV



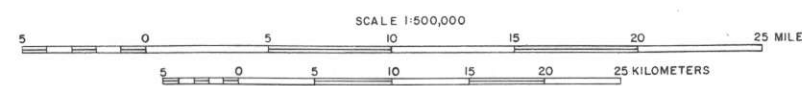
MAG  
200 GRAMS/DIV



45816 46000 46200 46400 46800 47000 53000 53200 53400 53600 53800 54000 54200 54477

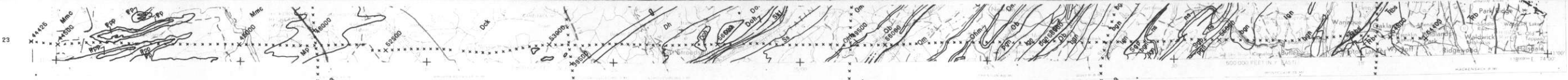
TL 55

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

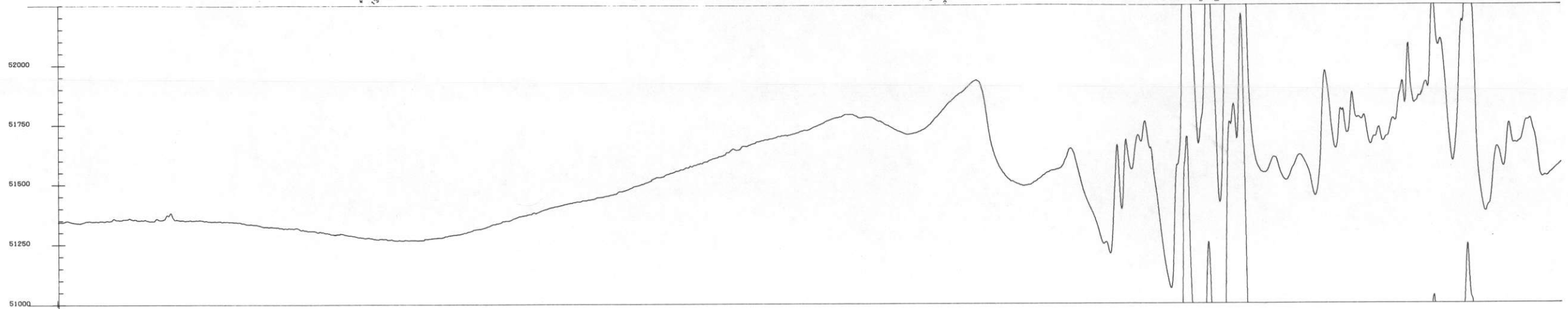


NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY  
 THORPE AREA- SCRANTON NK18-8 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR DEPARTMENT OF ENERGY





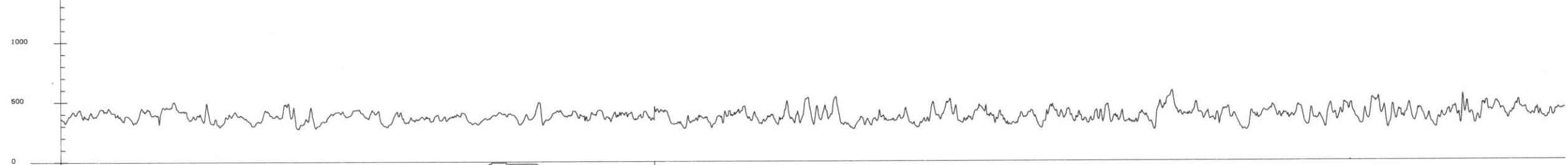
MAG  
50 GAMMAS/DIV



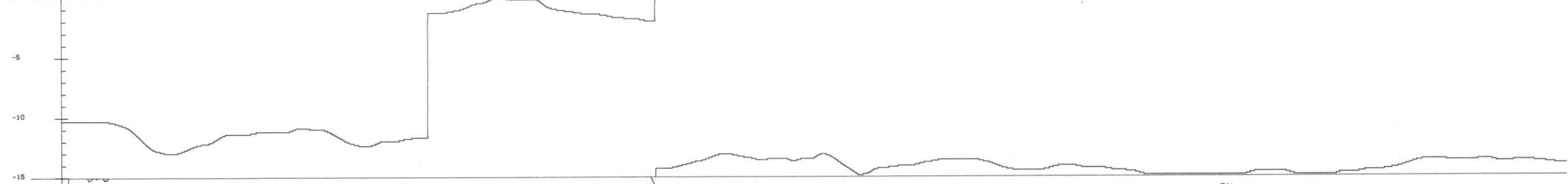
DIURNAL  
20 GAMMAS/DIV



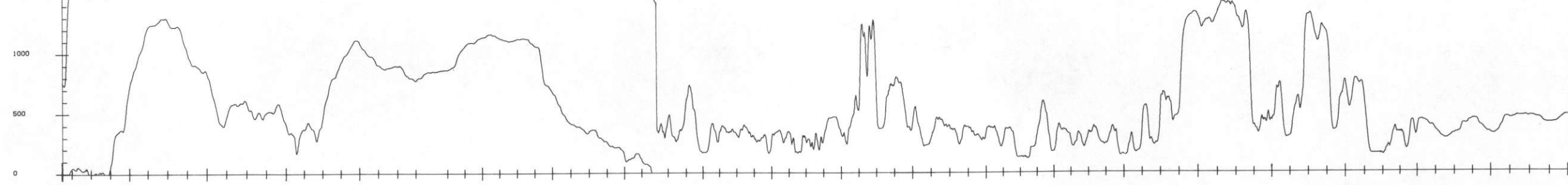
ALT  
100 FT/DIV



TEMP  
1.00 DEGREES/DIV



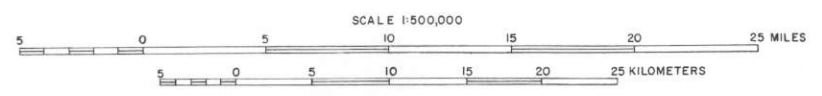
BAR ALT  
100 FT/DIV



44425 44600 44800 45000 45200 52600 52800 53000 56800 56600 56400 56200 56000 55800 55600 55400 55200 55000 54800 54600 54400

P 23

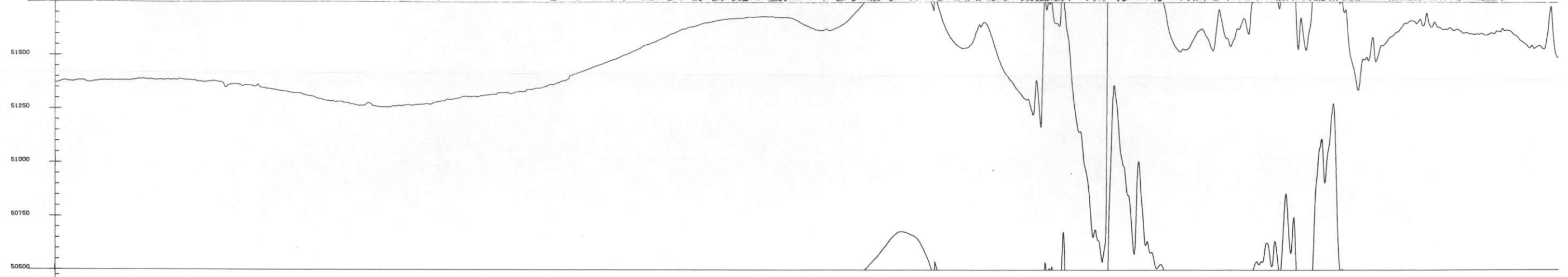
↑ EXCEEDS ALTITUDE SPECIFICATIONS



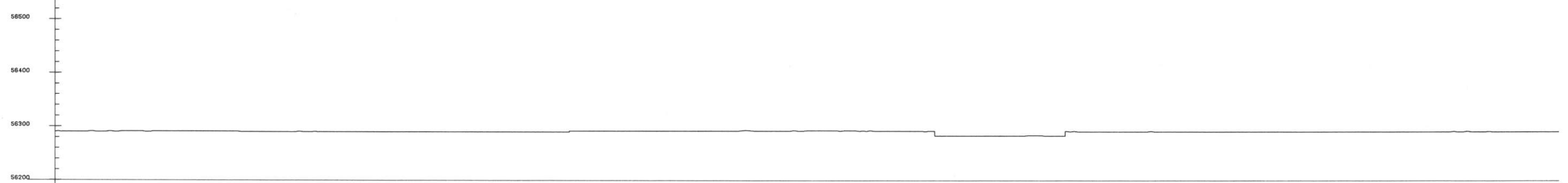
NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
DEPARTMENT OF ENERGY



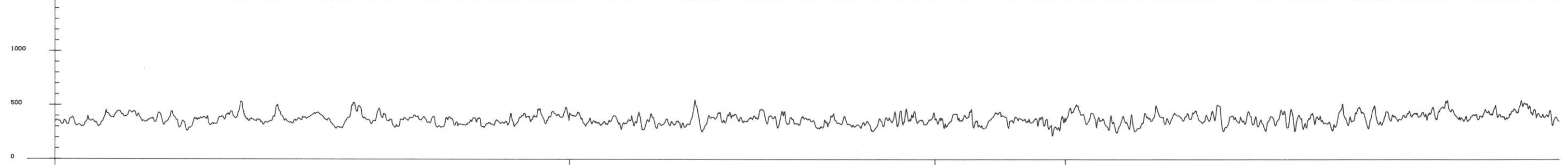
MAG  
50 GAMMAS/DIV



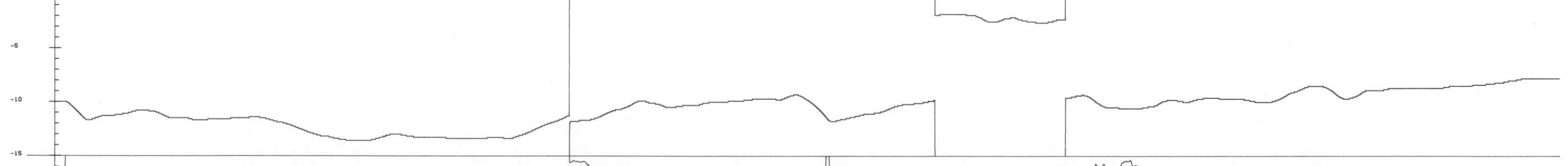
DIURNAL  
20 GAMMAS/DIV



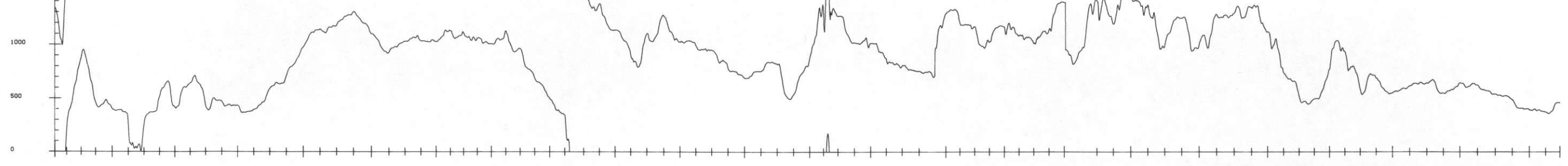
ALT  
100 FT/DIV



TEMP  
1.00 DEGREES/DIV



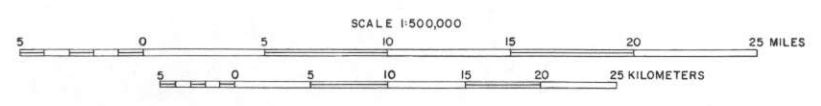
BAR ALT  
100 FT/DIV



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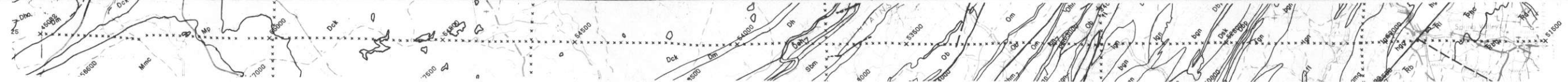
P 24

↑ EXCEEDS ALTITUDE SPECIFICATIONS

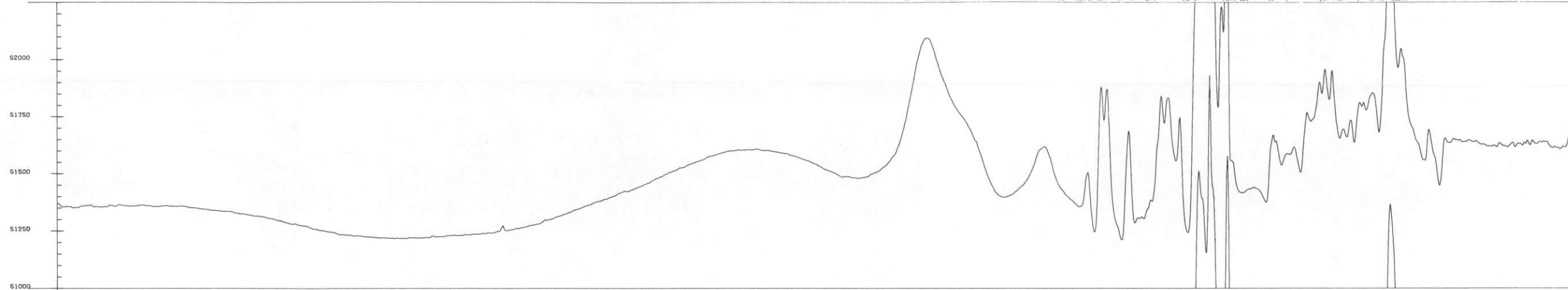


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
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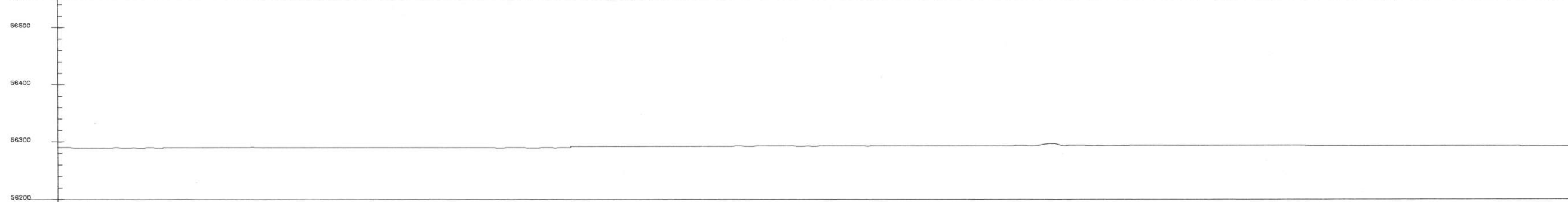




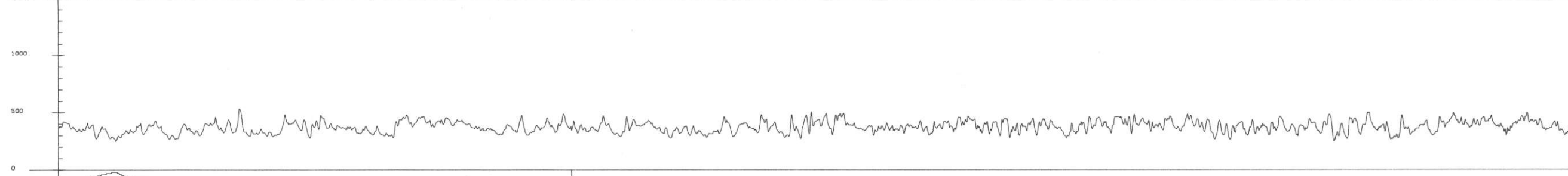
MAG  
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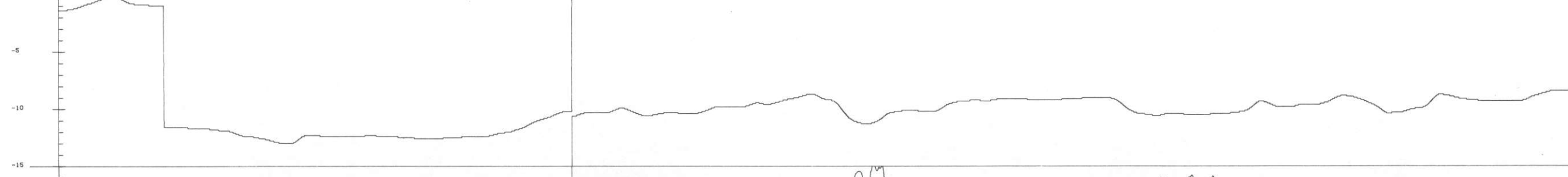
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20 GAMMAS/DIV



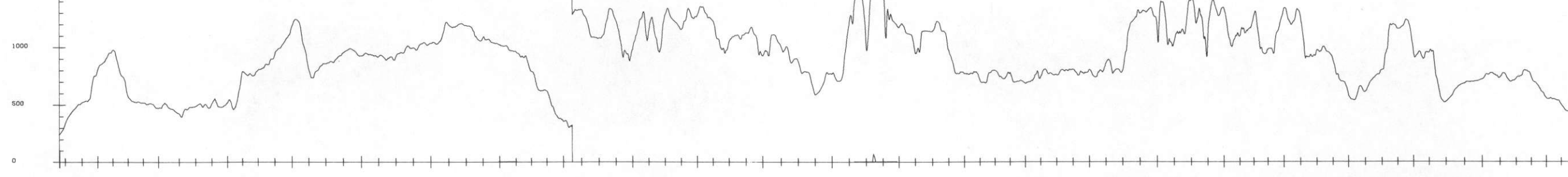
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100 FT/DIV



TEMP  
1.00 DEGREES/DIV



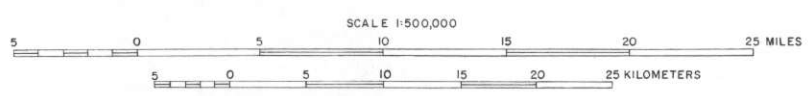
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100 FT/DIV



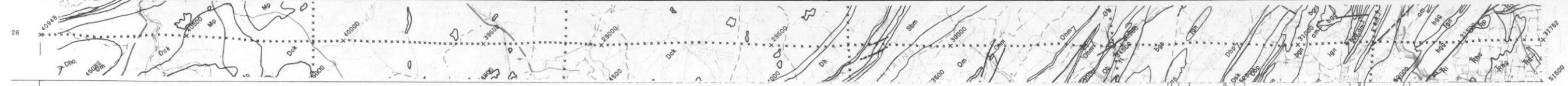
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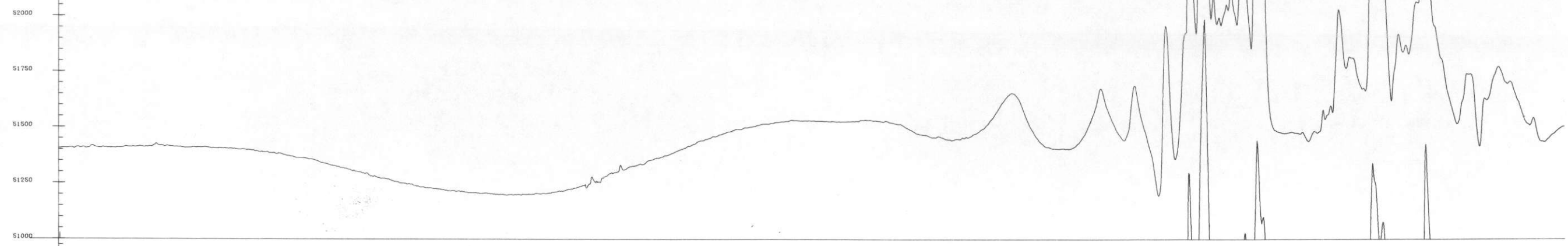
↑ EXCEEDS ALTITUDE SPECIFICATIONS



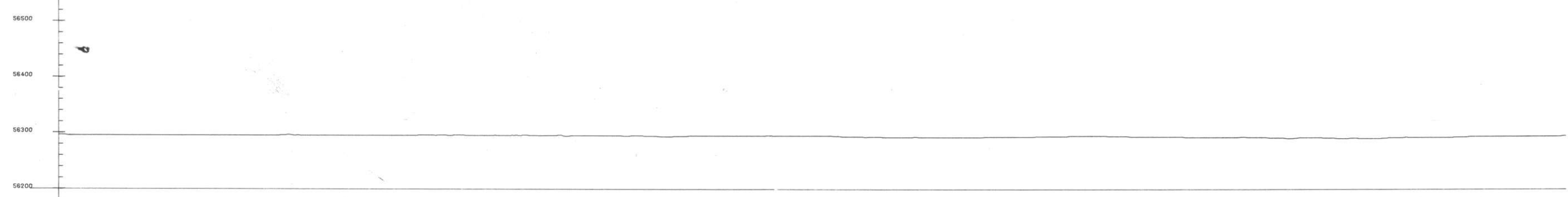
NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
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MAG  
50 GAMMAS/DIV



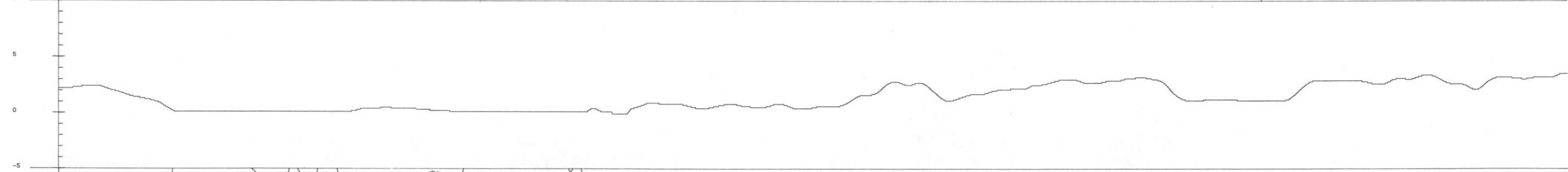
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20 GAMMAS/DIV



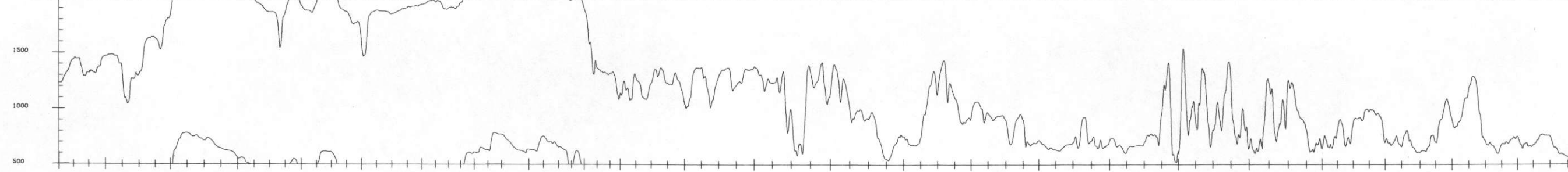
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TEMP  
1.00 DEGREES/DIV



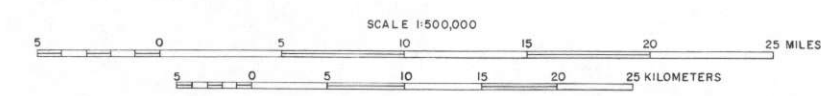
BAR ALT  
100 FT/DIV



40949 40800 40600 40400 40200 40000 39800 39600 39400 39200 29000 29200 29400 29600 29800 30000 30200 30400 30600 30800 31000 31200 31400 31600 31752

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↑ EXCEEDS ALTITUDE SPECIFICATIONS

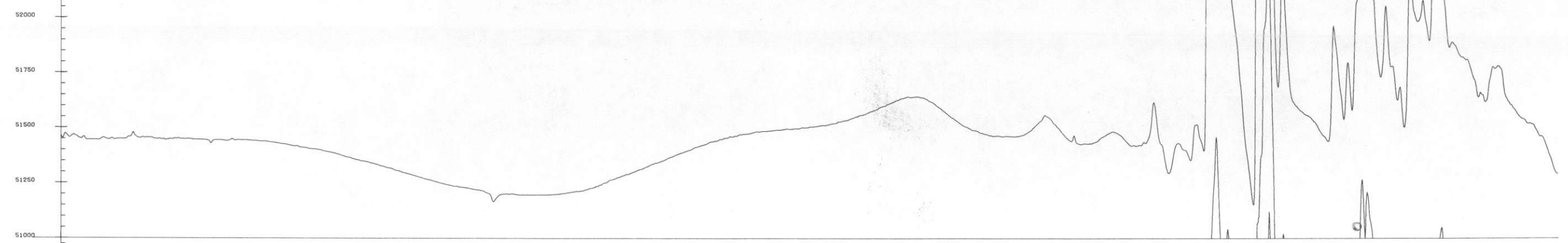


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
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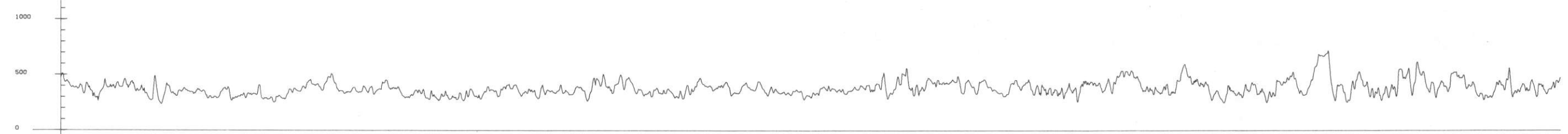
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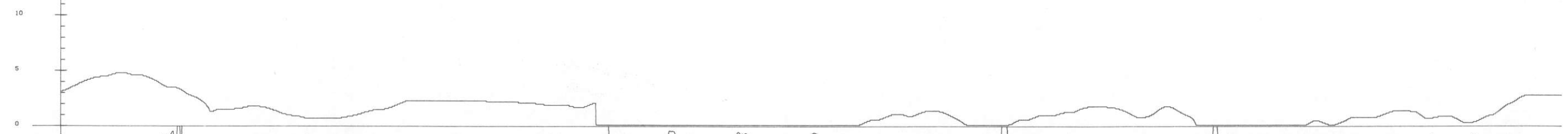
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20 GAMMAS/DIV



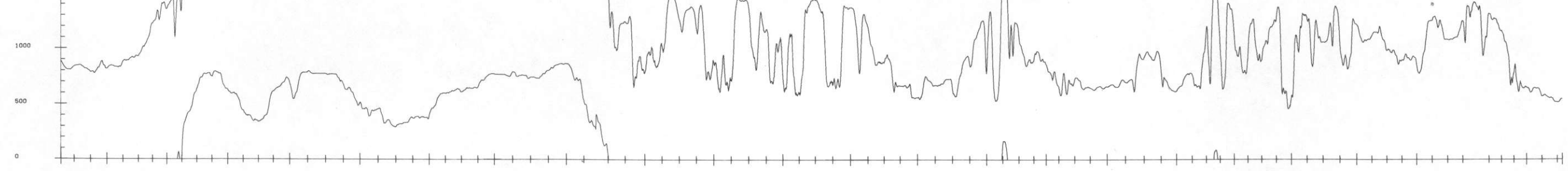
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TEMP  
1.00 DEGREES/DIV



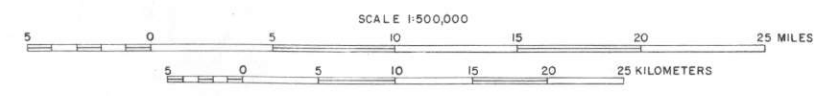
BAR ALT  
100 FT/DIV



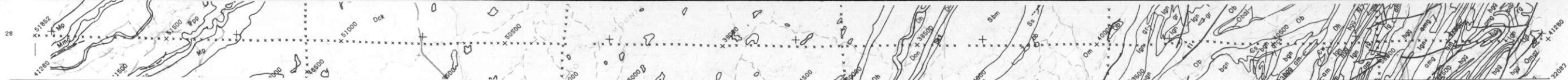
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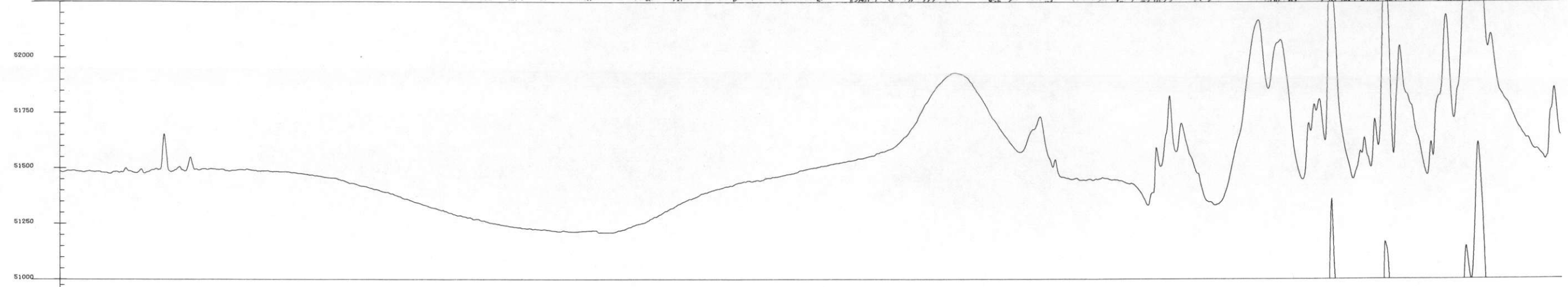
↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
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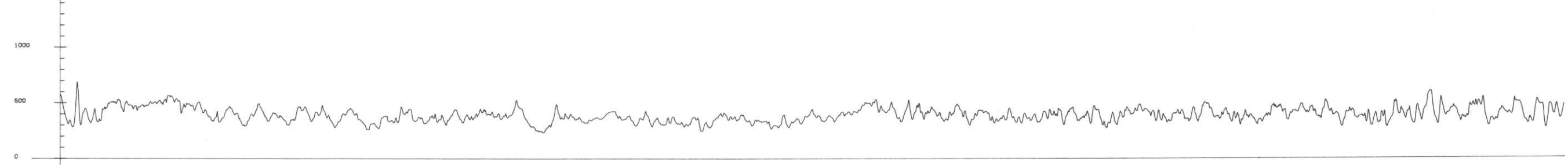
MAG  
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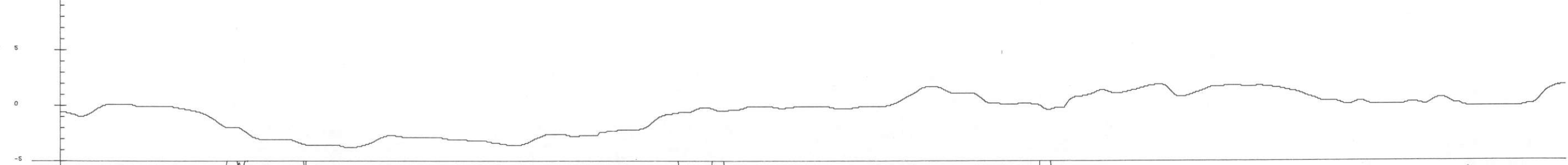
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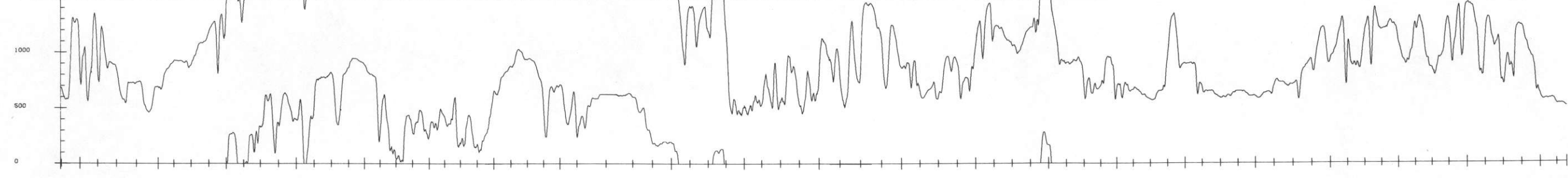
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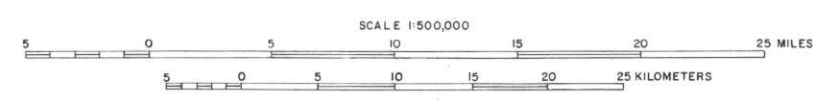
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↑ EXCEEDS ALTITUDE SPECIFICATIONS

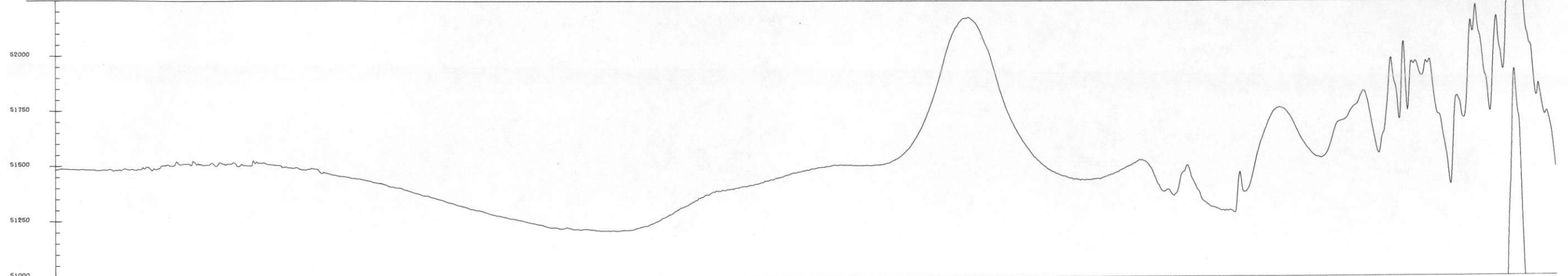


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
DEPARTMENT OF ENERGY

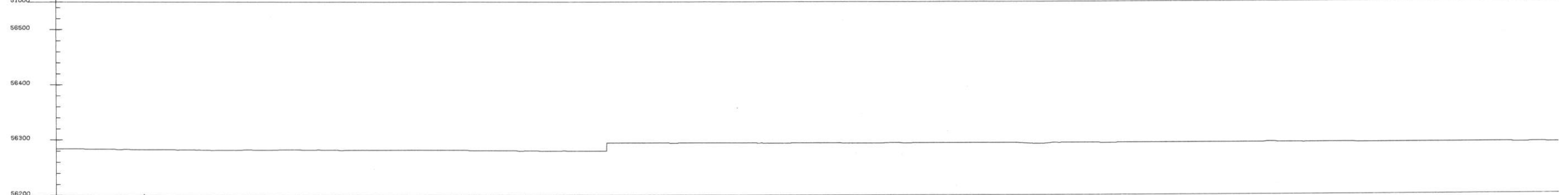




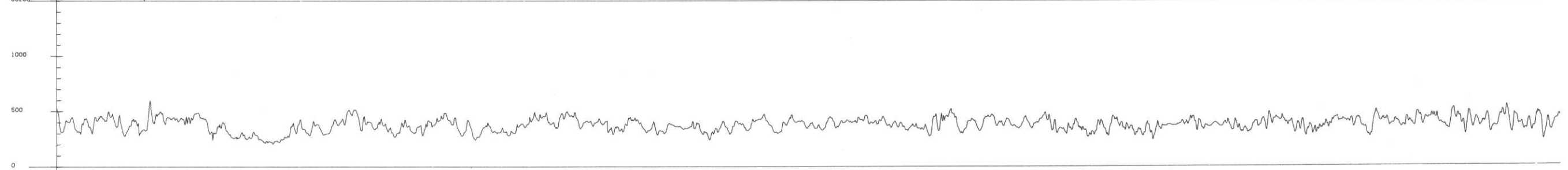
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50 GAMMAS/DIV



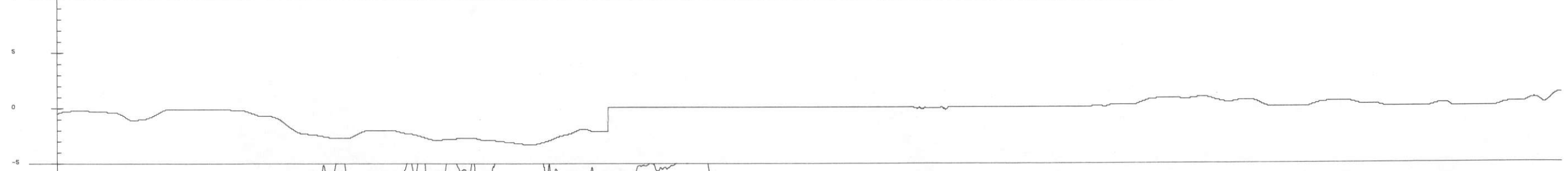
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20 GAMMAS/DIV



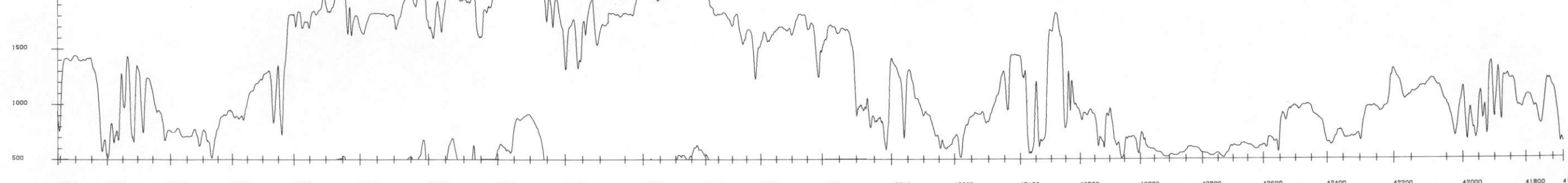
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TEMP  
1.00 DEGREES/DIV



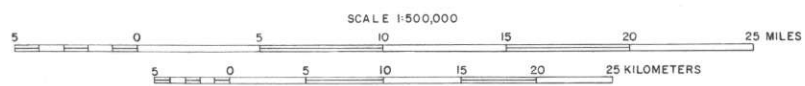
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100 FT/DIV



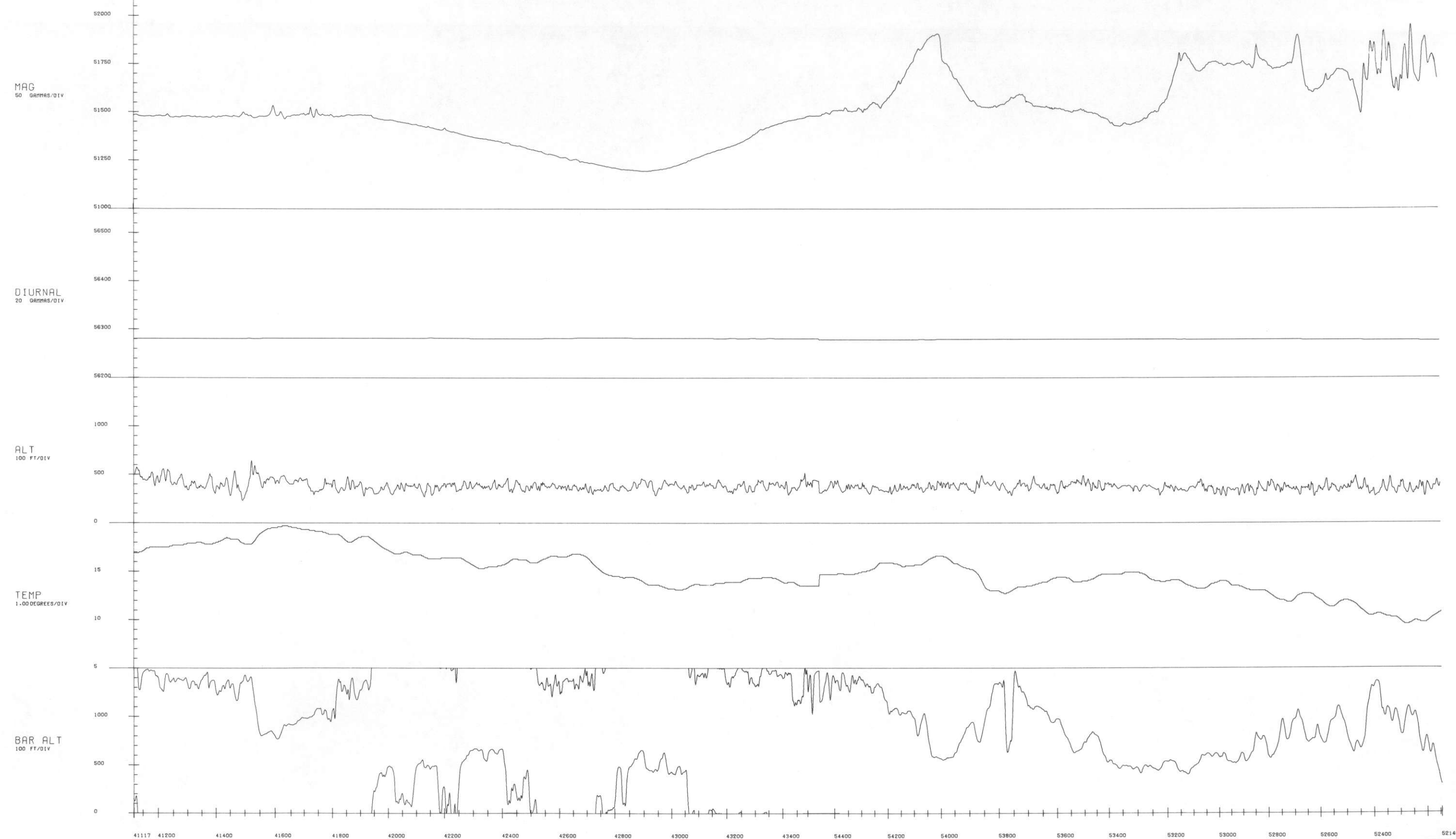
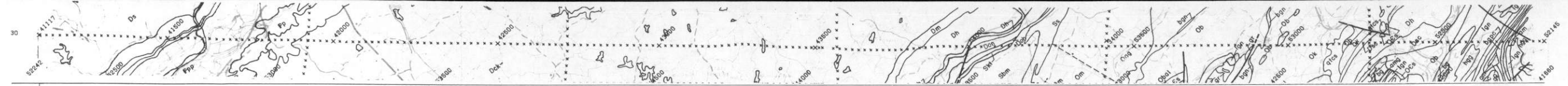
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P 29

↑ EXCEEDS ALTITUDE SPECIFICATIONS

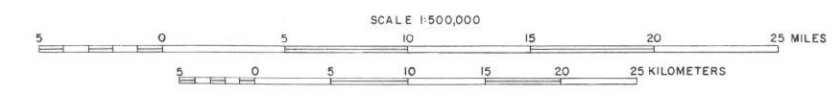


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
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DEPARTMENT OF ENERGY



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↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

THORPE AREA - SCRANTON NK 18-8 QUADRANGLE

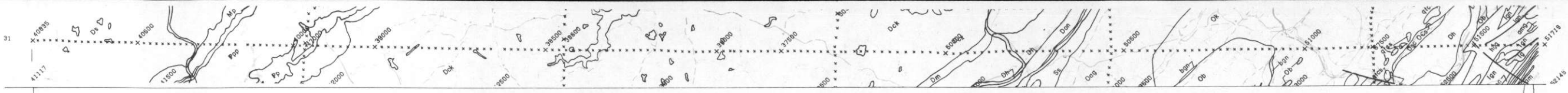
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES

1977

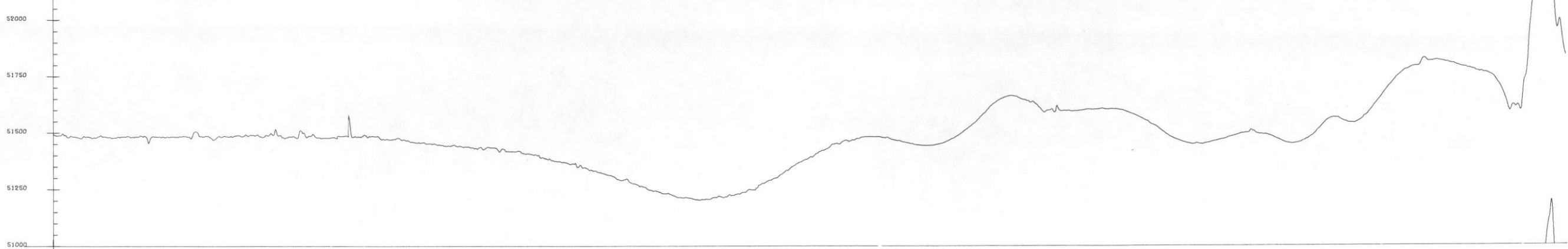
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR  
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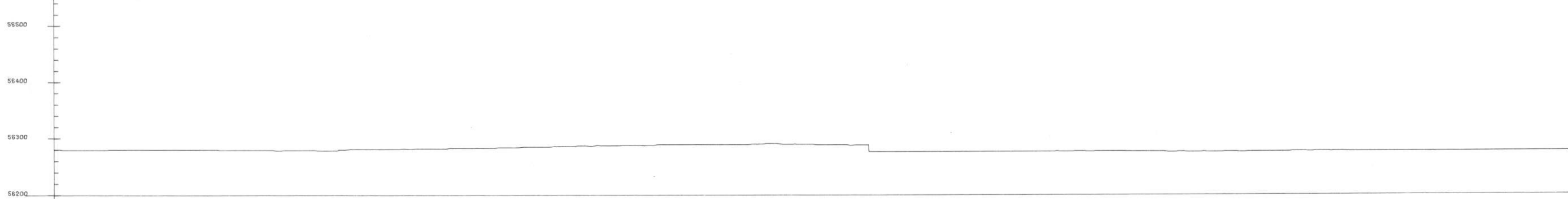




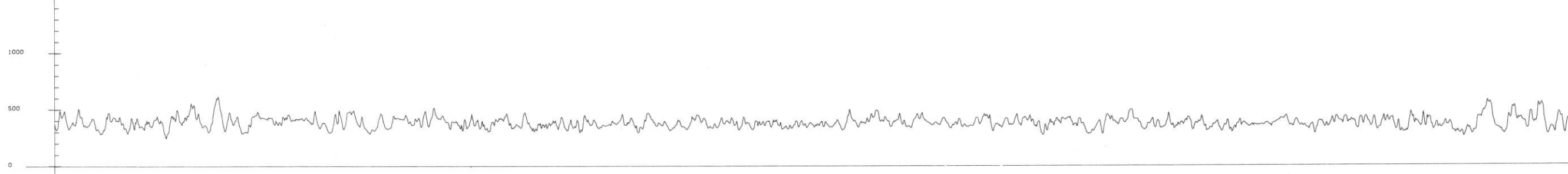
MAG  
50 GAMMAS/DIV



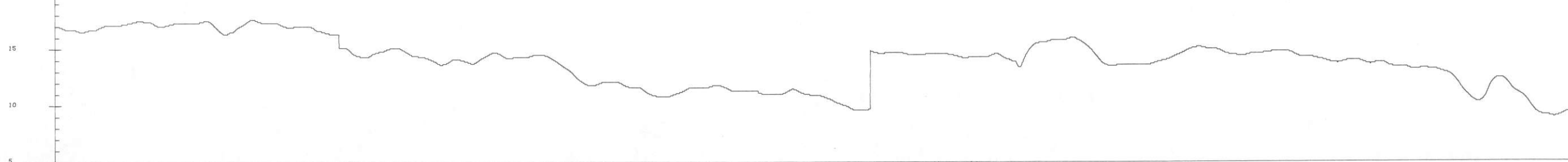
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20 GAMMAS/DIV



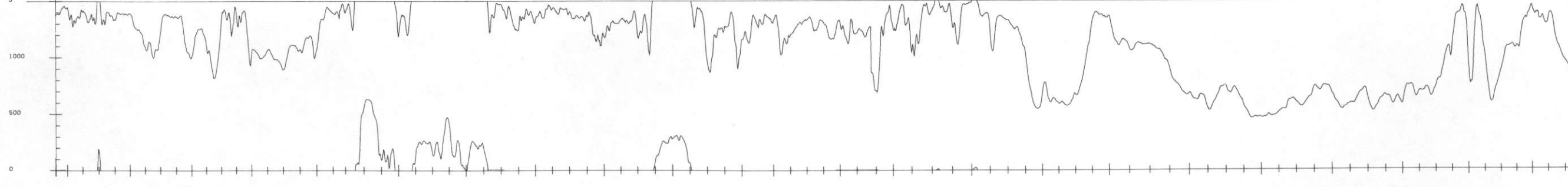
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100 FT/DIV



TEMP  
1.00 DEGREES/DIV



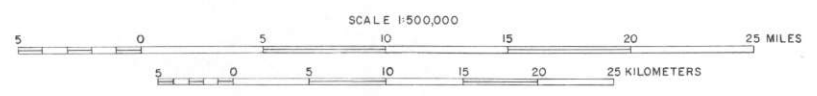
BAR ALT  
100 FT/DIV



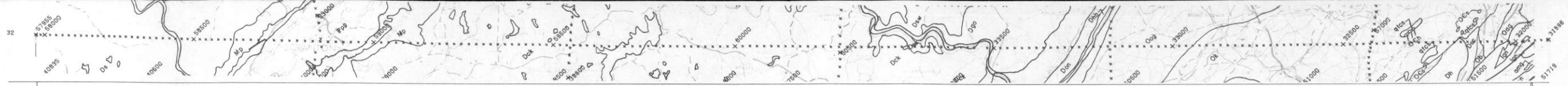
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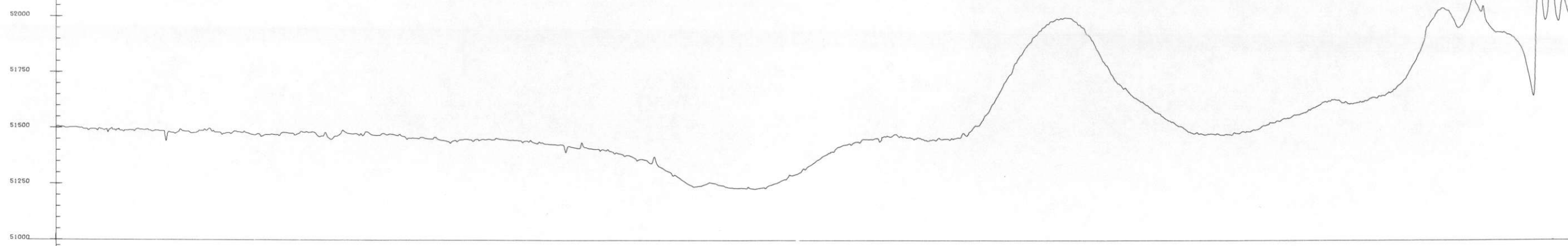
↑ EXCEEDS ALTITUDE SPECIFICATIONS



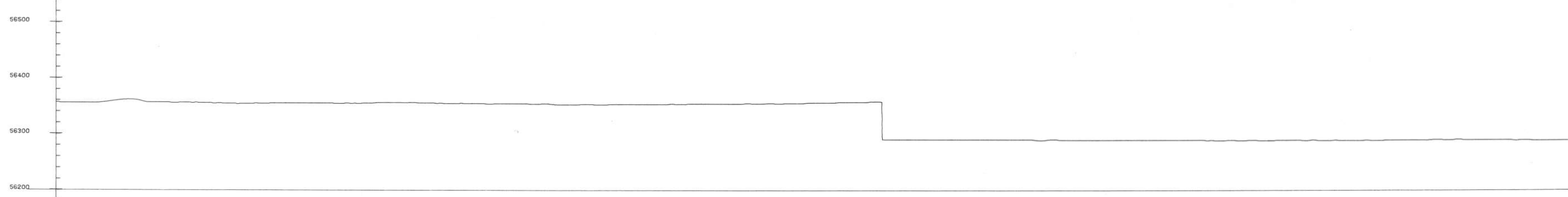
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY  
 THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
 MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
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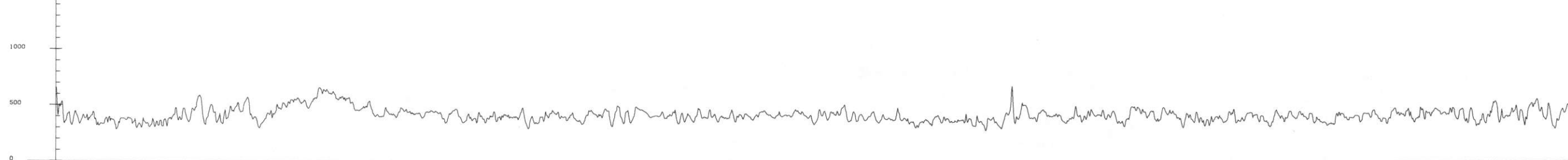
MAG  
50 GAMMAS/DIV



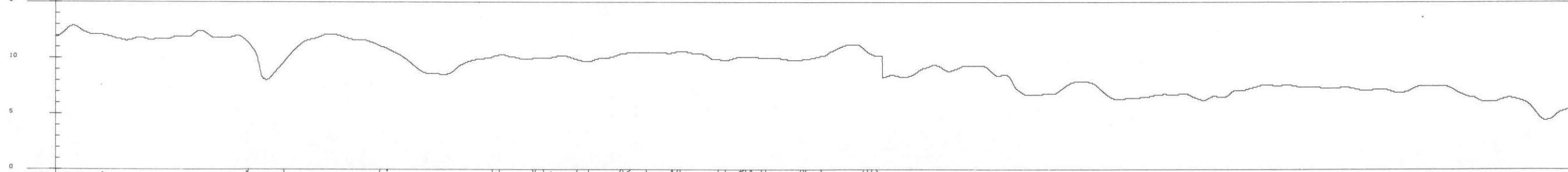
DIURNAL  
20 GAMMAS/DIV



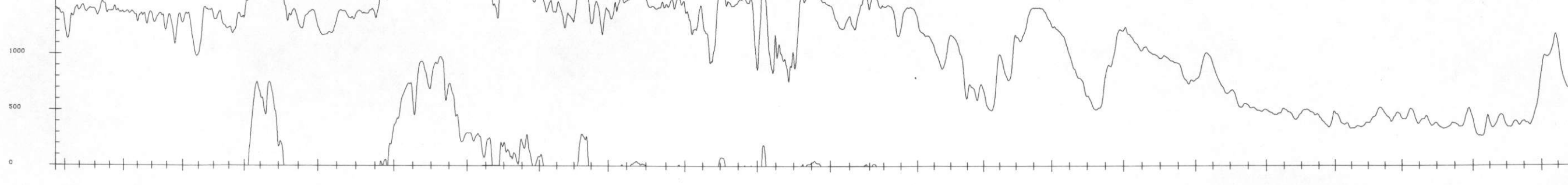
ALT  
100 FT/DIV



TEMP  
1.00 DEGREES/DIV



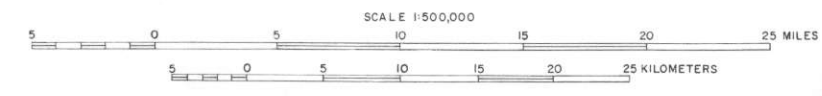
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100 FT/DIV



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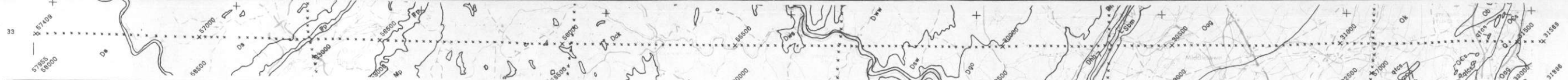
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↑ EXCEEDS ALTITUDE SPECIFICATIONS

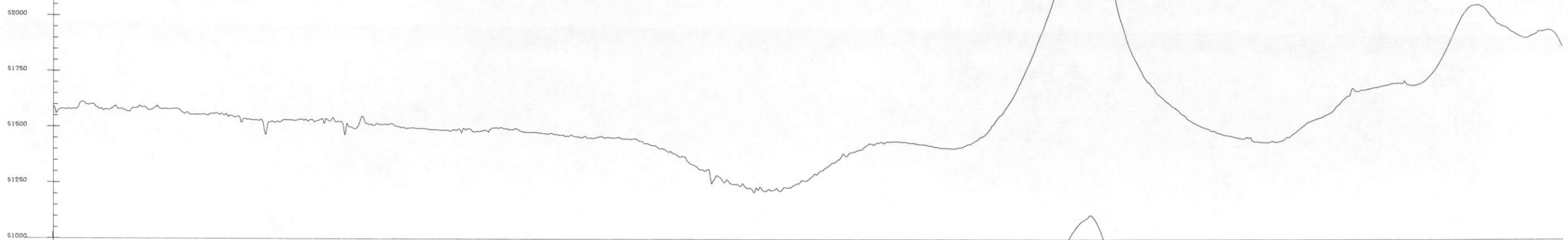


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
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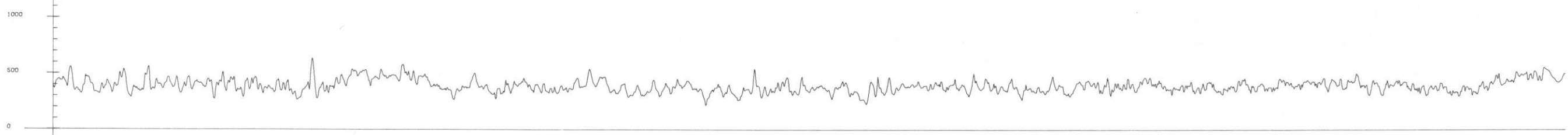
MAG  
50 GAMMAS/DIV



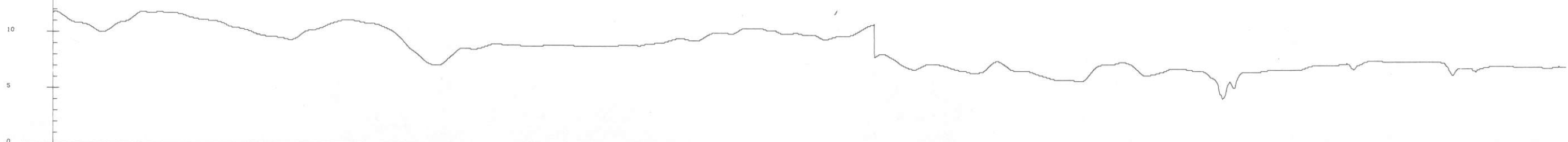
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20 GAMMAS/DIV



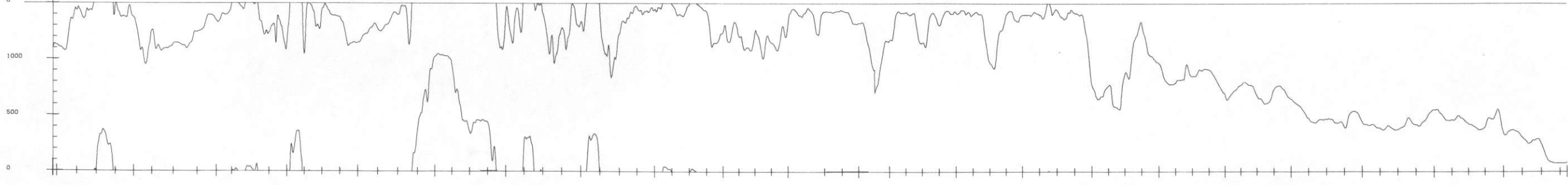
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TEMP  
1.00 DEGREES/DIV



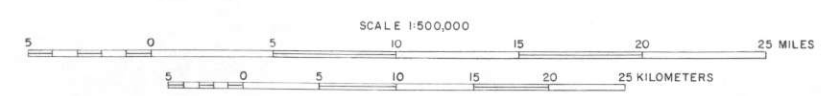
BAR ALT  
100 FT/DIV



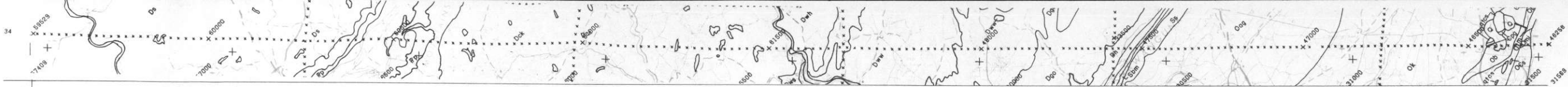
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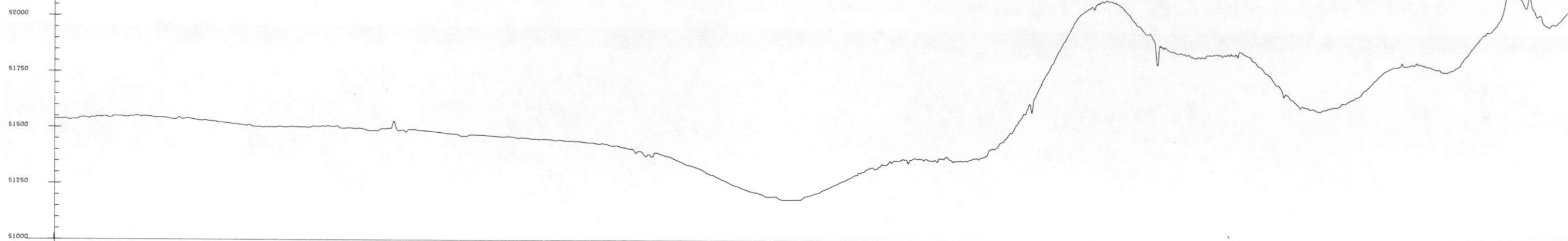
↑ EXCEEDS ALTITUDE SPECIFICATIONS



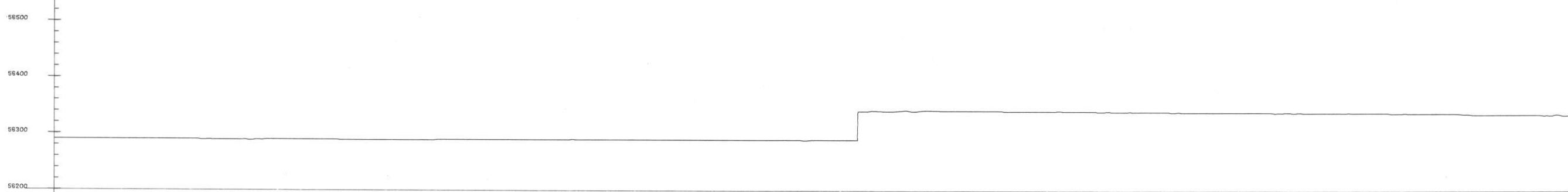
NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
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MAG  
50 GAMMAS/DIV



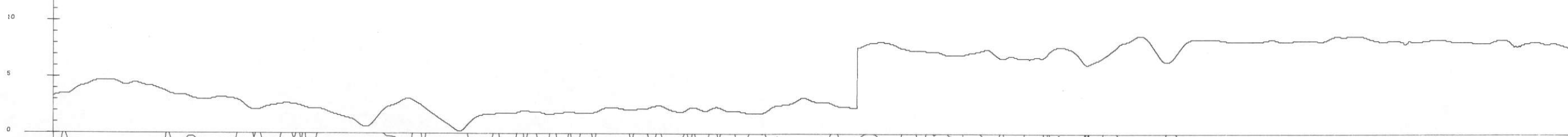
DIURNAL  
20 GAMMAS/DIV



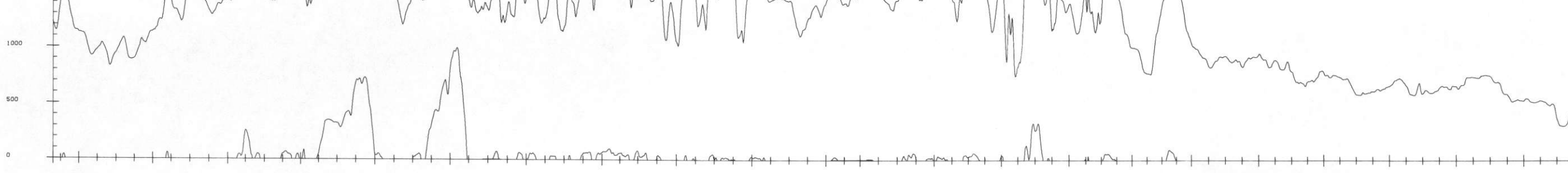
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TEMP  
1.00 DEGREES/DIV

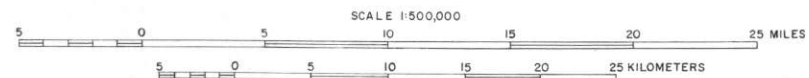


BAR ALT  
100 FT/DIV



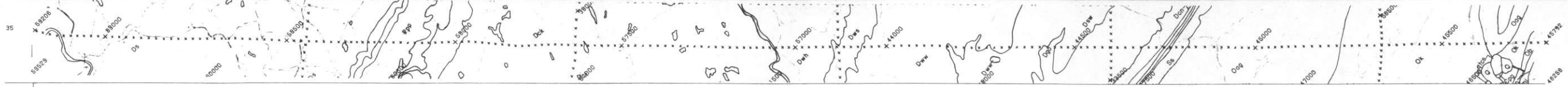
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↑ EXCEEDS ALTITUDE SPECIFICATIONS

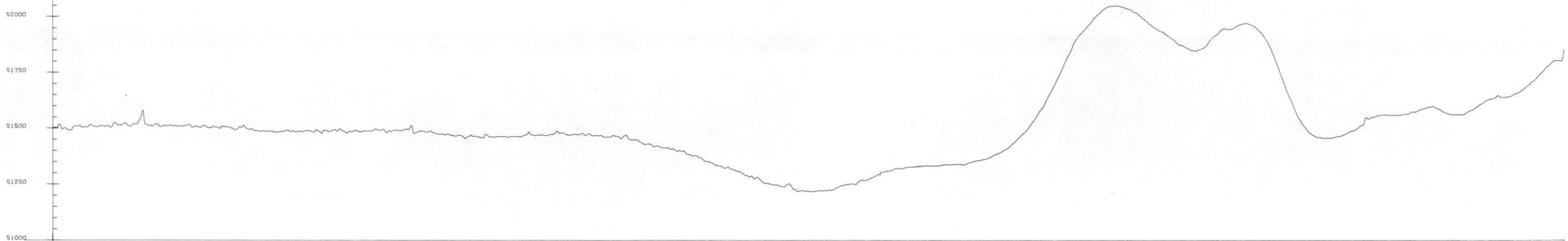


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
**THORPE AREA - SCRANTON NK 18-8 QUADRANGLE**  
 MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
 1977  
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
 PREPARED FOR  
 DEPARTMENT OF ENERGY





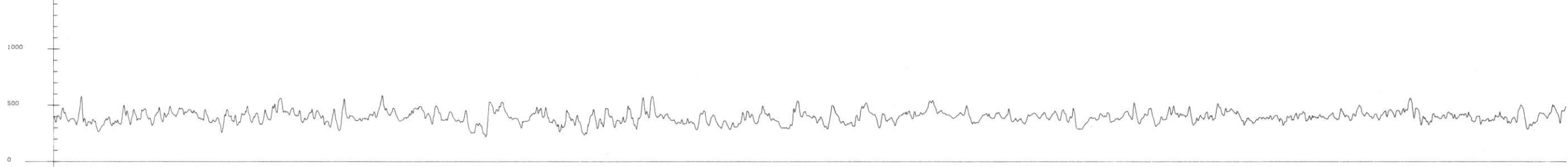
MAG  
50 GAMMAS/DIV



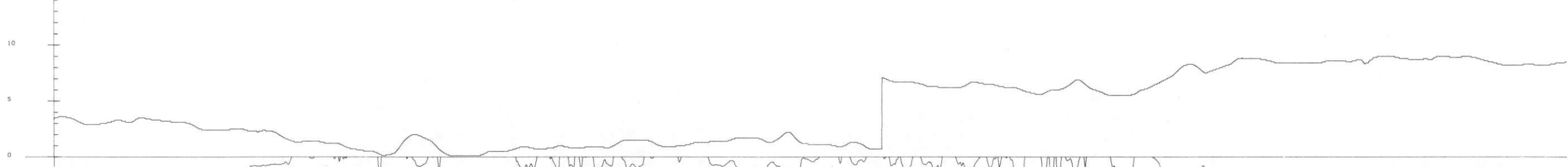
DIURNAL  
20 GAMMAS/DIV



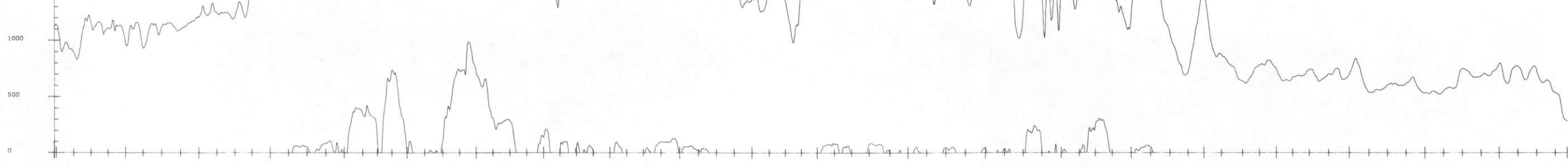
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100 FT/DIV



TEMP  
1.00 DEGREES/DIV



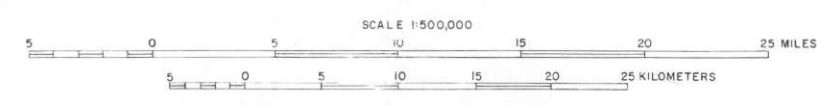
BAR ALT  
100 FT/DIV



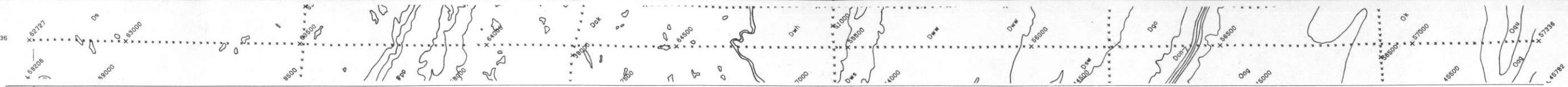
59206 59000 58900 58600 58400 58200 58000 57800 57600 57400 57200 57000 44000 44200 44400 44600 44800 45000 45200 45400 45600 45782

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↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
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MAG  
60 GAMMAS/DIV

52000  
51750  
51600  
51250  
51000

DIURNAL  
20 GAMMAS/DIV

56600  
56400  
56300  
56200

ALT  
100 FT/DIV

1000  
500  
0

TEMP  
1.00 DEGREES/DIV

0  
5  
10

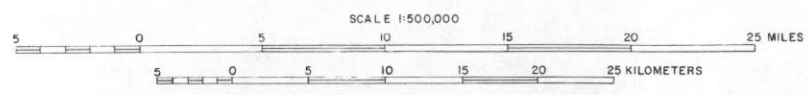
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100 FT/DIV

1600  
1000  
800

62727 63000 63200 63400 63600 63800 64000 64200 64400 64600 64800 64800 65600 65800 66000 66200 66400 66600 66800 67000 67200 67338

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↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
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MAG  
50 GAMMAS/DIV

52250  
52000  
51750  
51500  
51250

DIURNAL  
20 GAMMAS/DIV

56500  
56400  
56300  
56200

ALT  
100 FT/DIV

1000  
500  
0

TEMP  
1.00 DEGREES/DIV

5  
0  
5

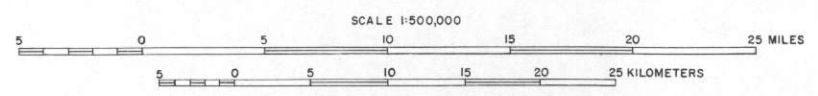
BAR ALT  
100 FT/DIV

1500  
1000  
500

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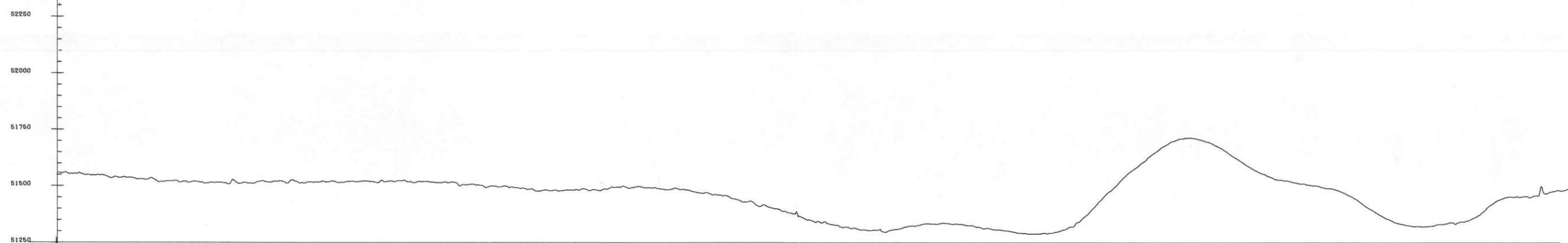
↑ EXCEEDS ALTITUDE SPECIFICATIONS



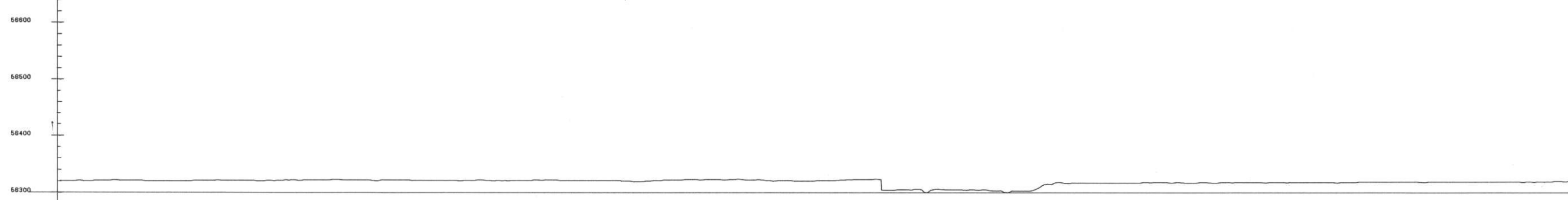
NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA—SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
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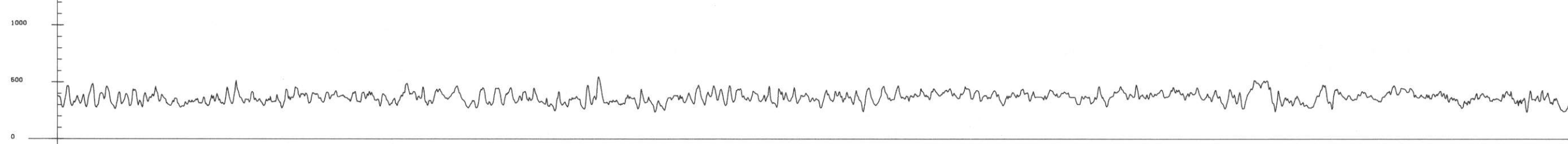
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50 GAMMAS/DIV



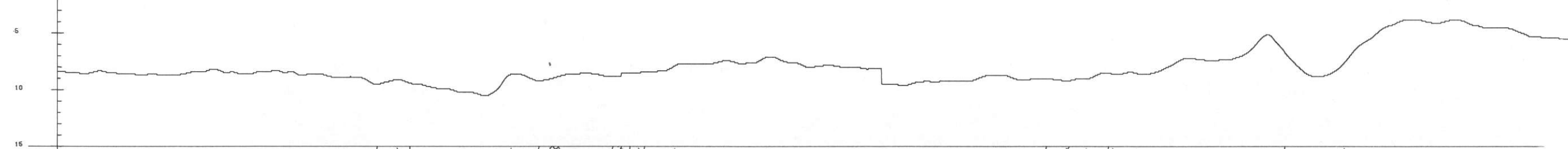
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20 GAMMAS/DIV



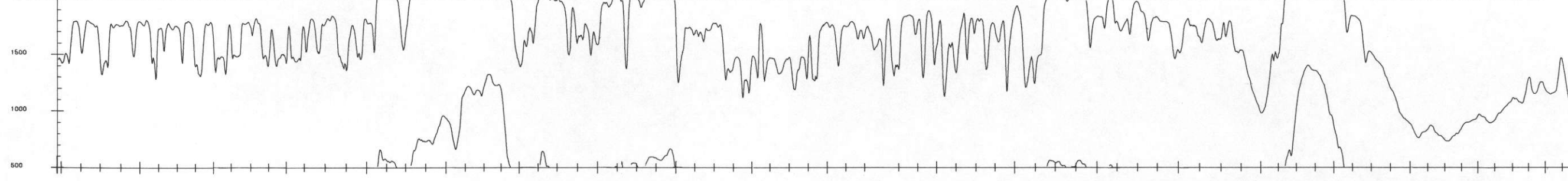
ALT  
100 FT/DIV



TEMP  
1.00 DEGREES/DIV



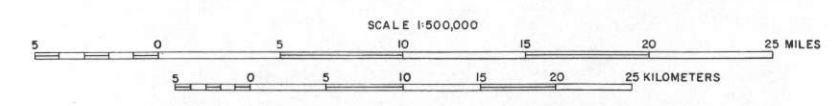
BAR ALT  
100 FT/DIV



51410 51200 51000 50800 50600 50400 50200 50000 54800 54400 54200 42400 42600 42800 43000 43200 43400 43600 43800 44074

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↑ EXCEEDS ALTITUDE SPECIFICATIONS

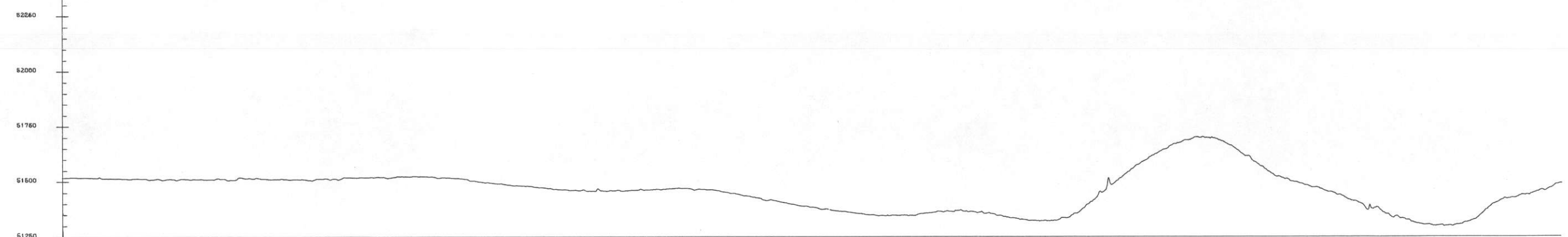


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
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1977  
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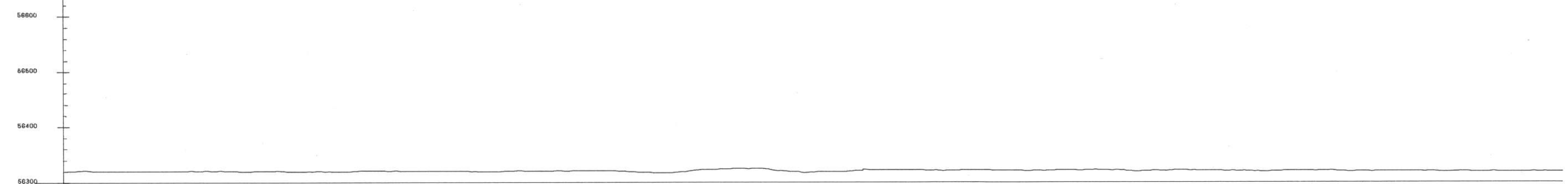




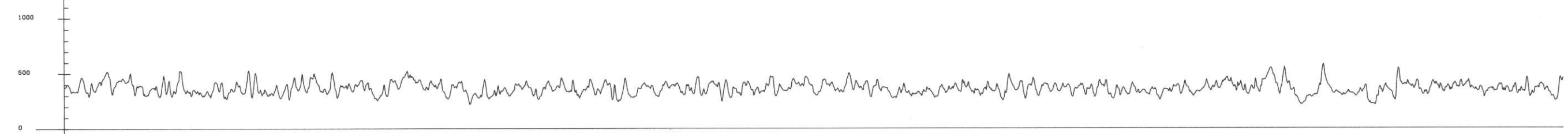
MAG  
60 GAMMAS/DIV



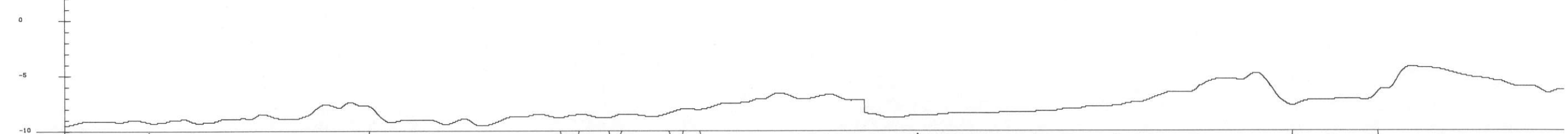
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20 GAMMAS/DIV



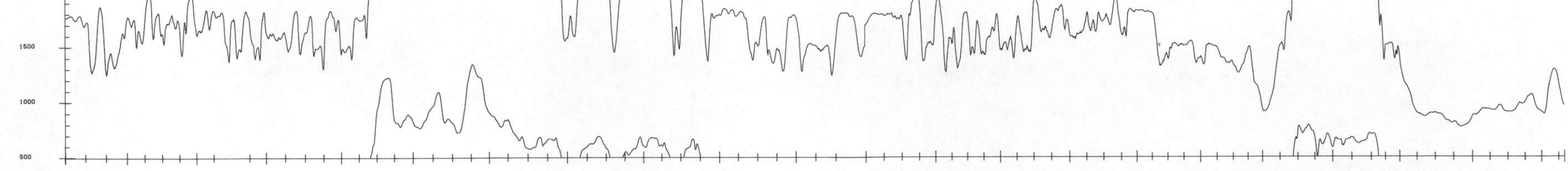
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100 FT/DIV



TEMP  
1.00 DEGREES/DIV



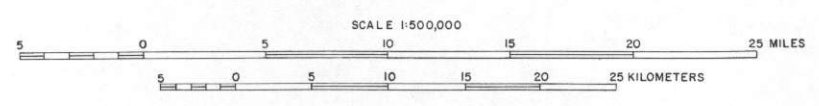
BAR ALT  
100 FT/DIV



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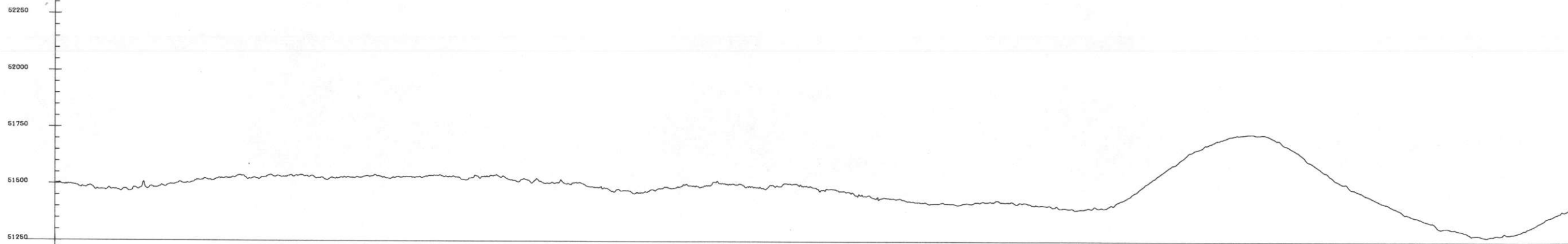
↑ EXCEEDS ALTITUDE SPECIFICATIONS



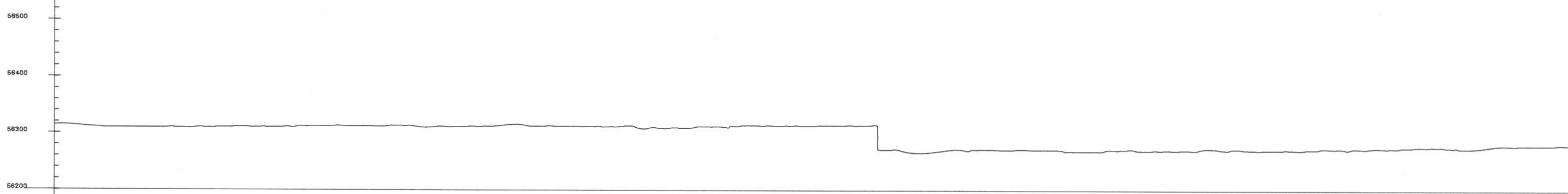
NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
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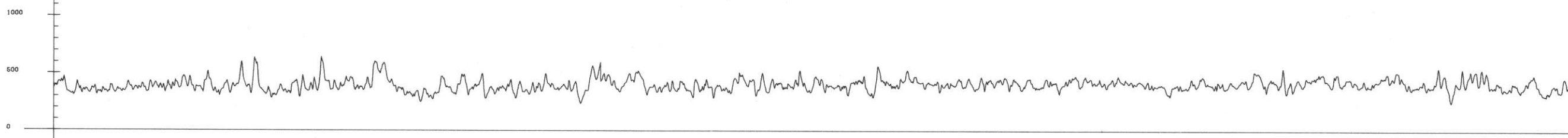
MAG  
50 GRAMMAS/DIV



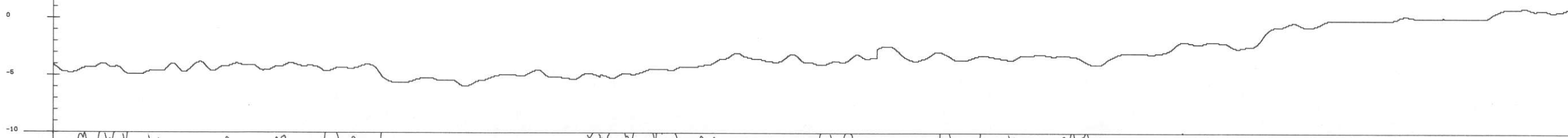
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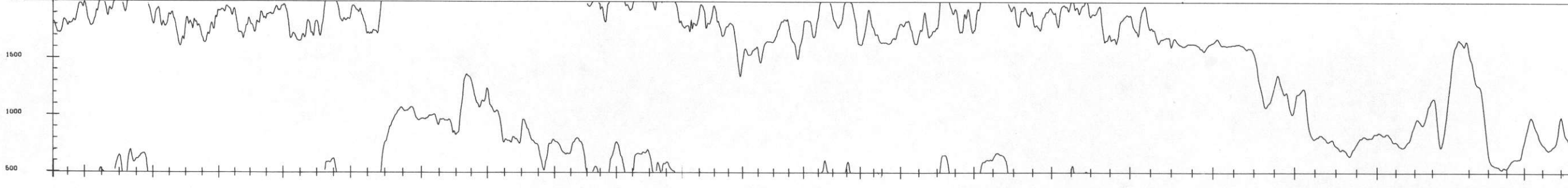
ALT  
100 FT/DIV



TEMP  
1.00 DEGREES/CLV



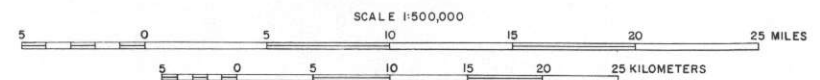
BAR ALT  
100 FT/CLV



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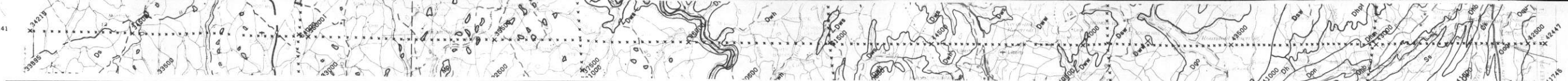
P 40

↑ EXCEEDS ALTITUDE SPECIFICATIONS

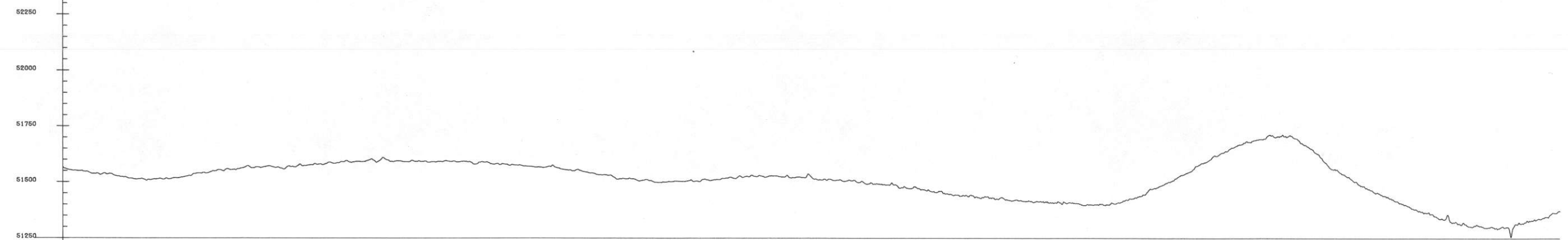


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
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1977  
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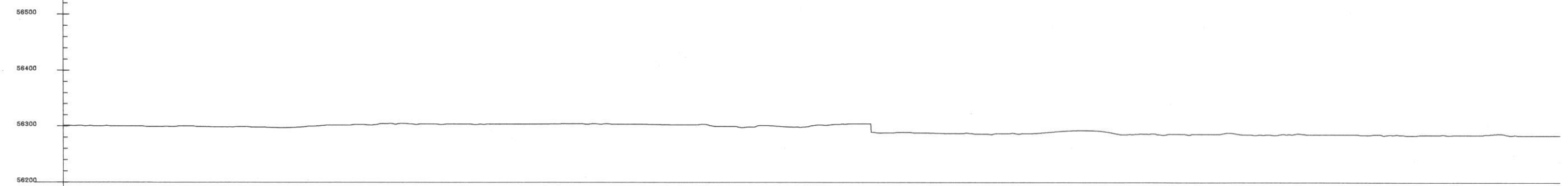




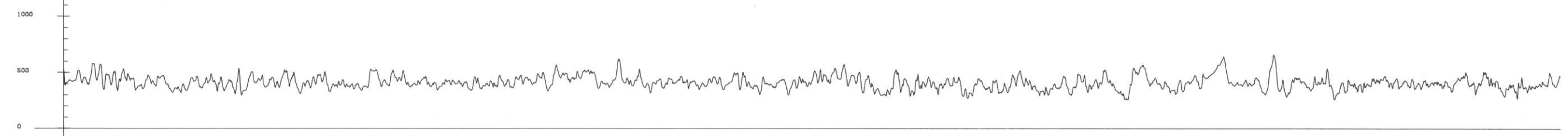
MAG  
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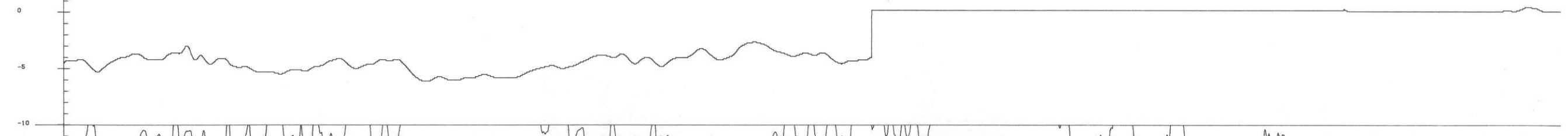
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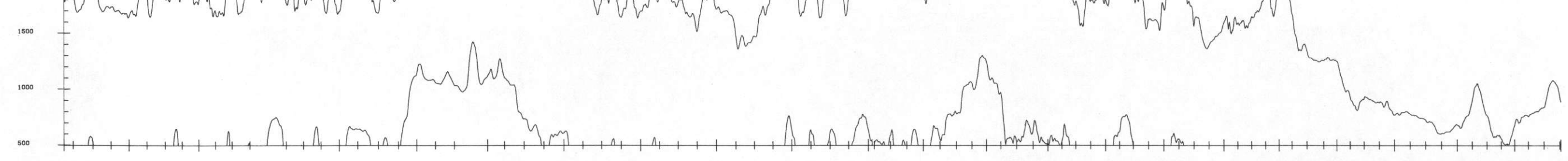
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TEMP  
1.00 DEGREES/DIV



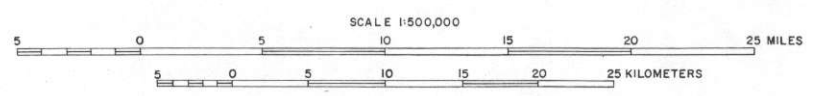
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P 41

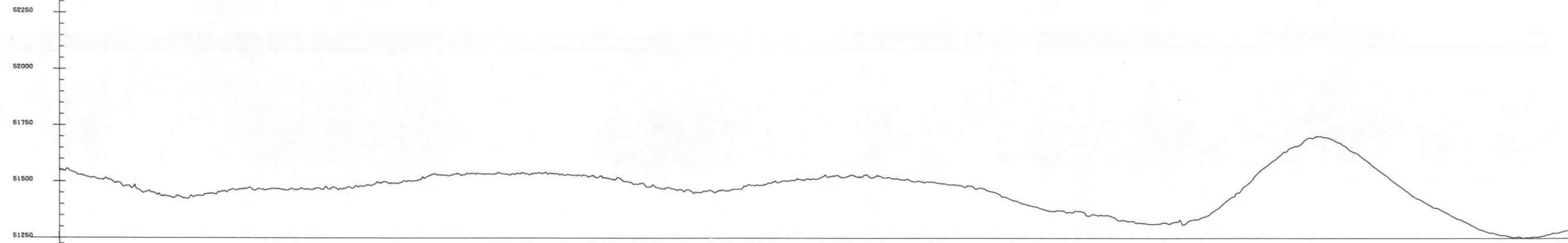
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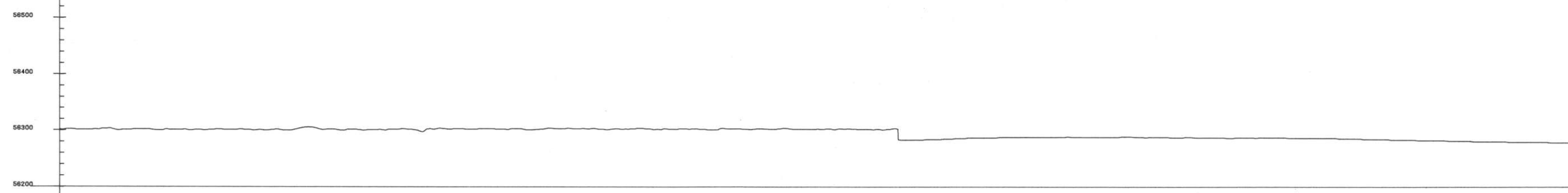
NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
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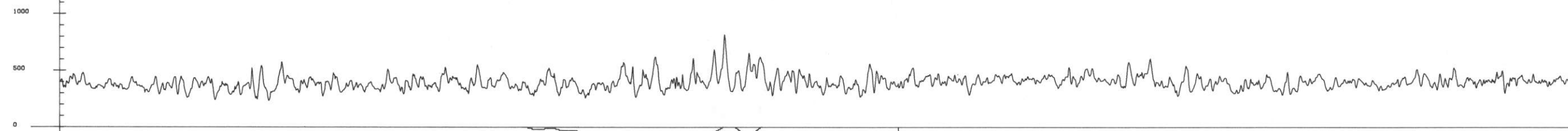
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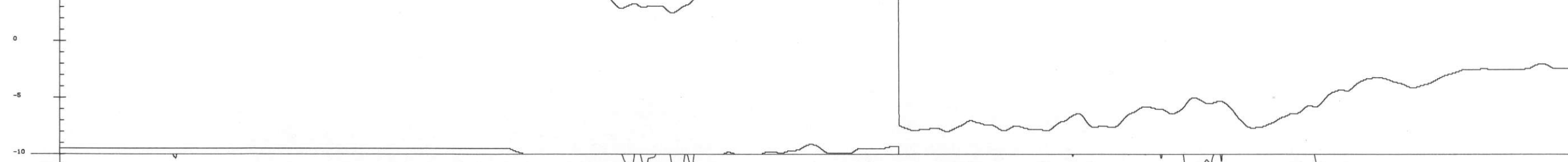
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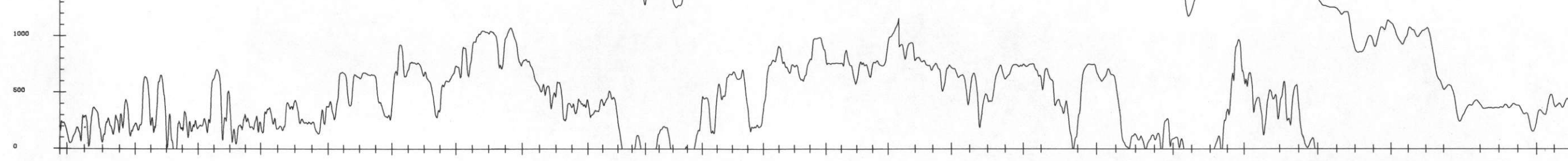
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TEMP  
1.00 DEGREES/DIV



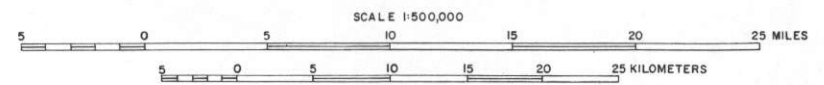
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↑ EXCEEDS ALTITUDE SPECIFICATIONS

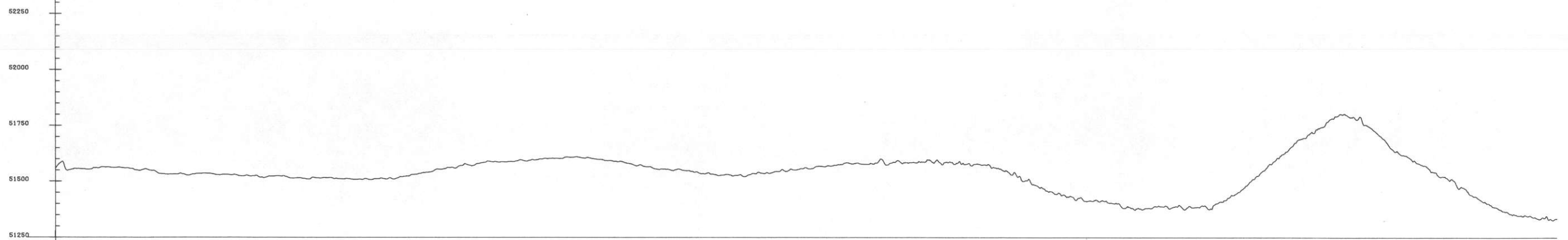


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
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1977  
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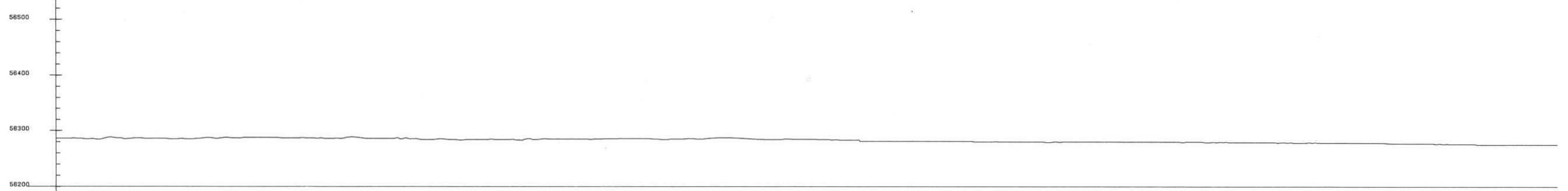




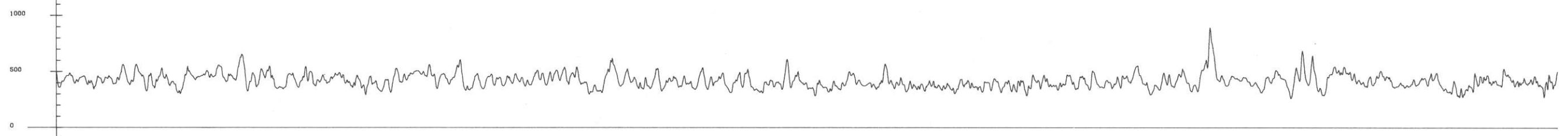
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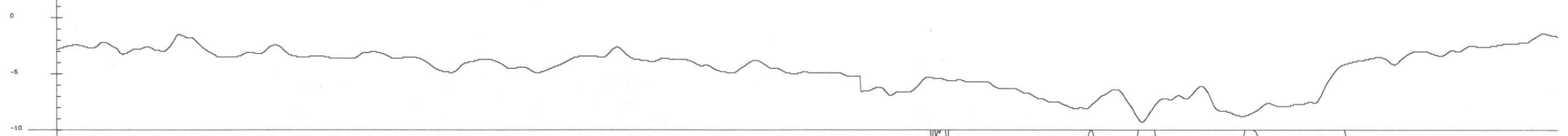
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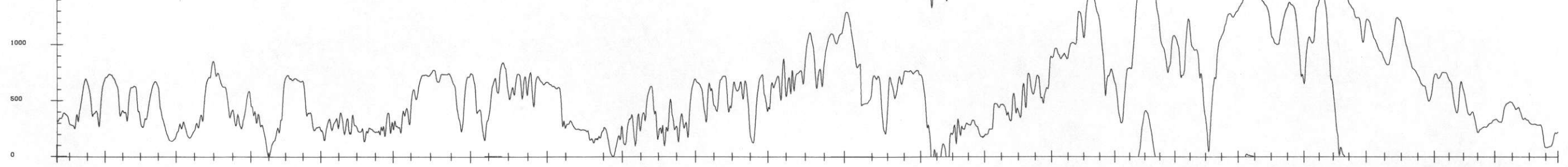
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TEMP  
1.00 DEGREES/DIV



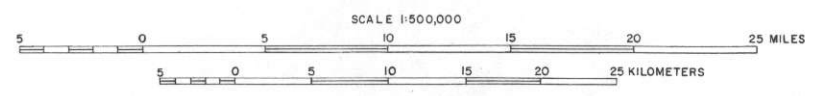
BAR ALT  
100 FT/DIV



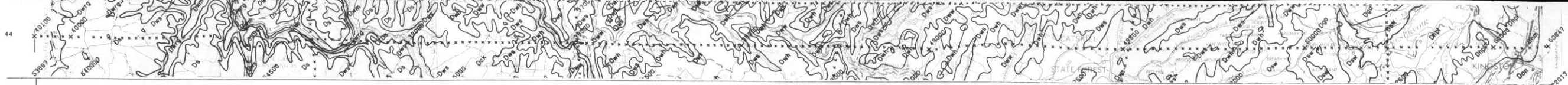
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P 43

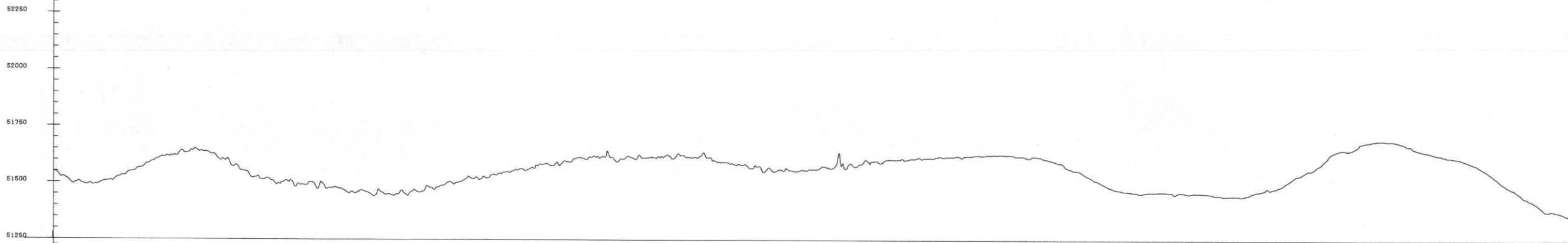
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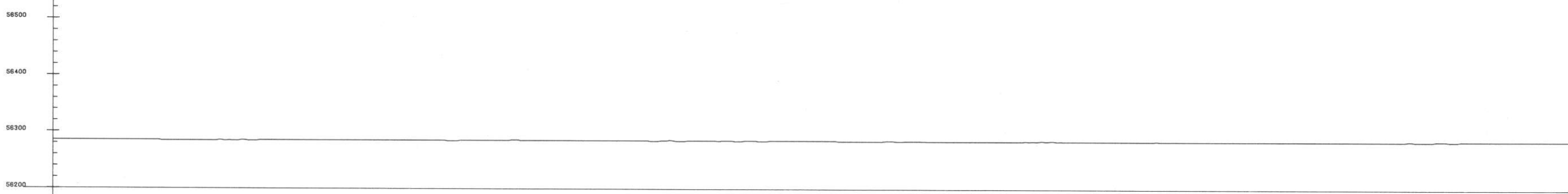
NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
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DEPARTMENT OF ENERGY



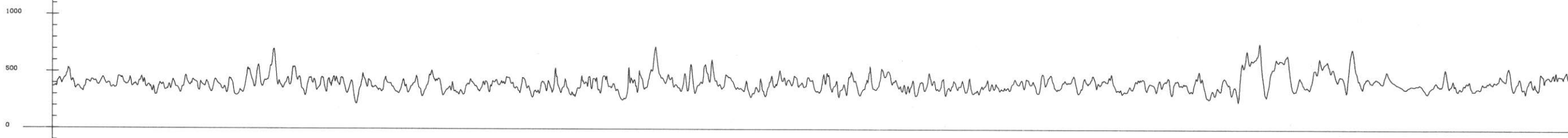
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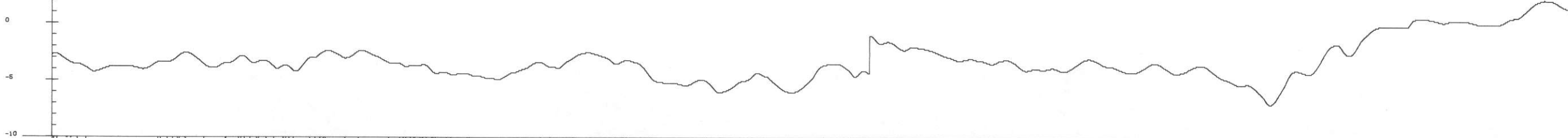
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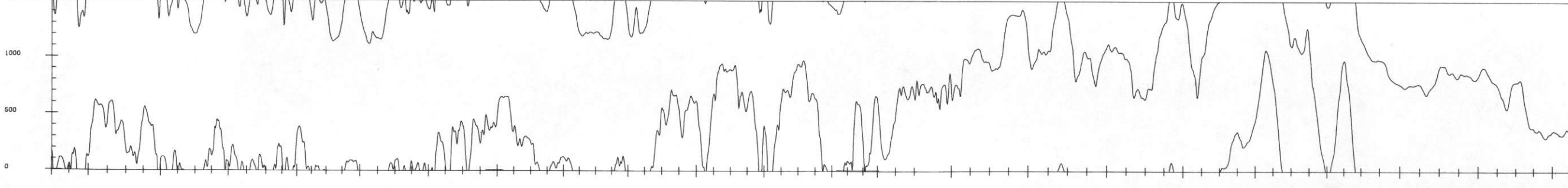
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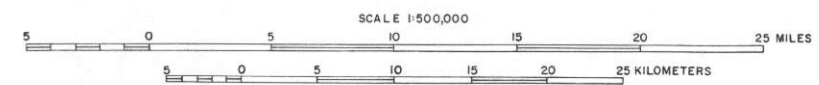
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100 FT/DIV



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P 44

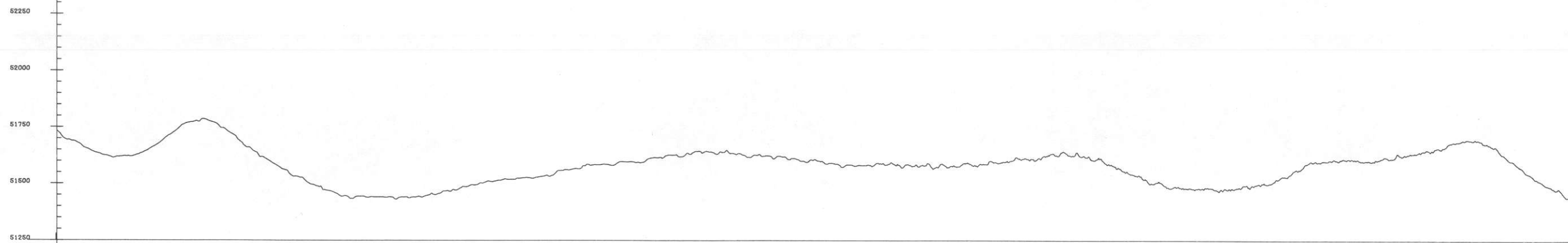
↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
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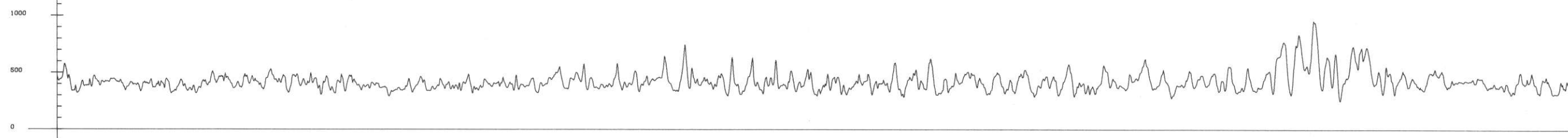
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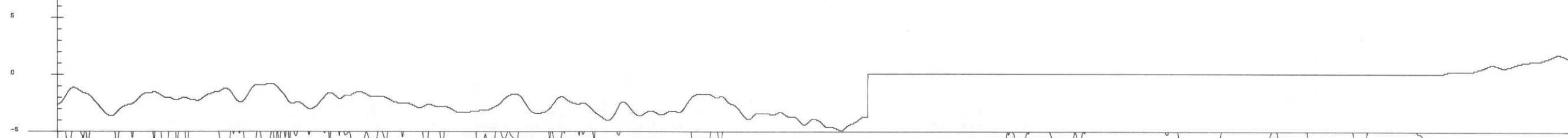
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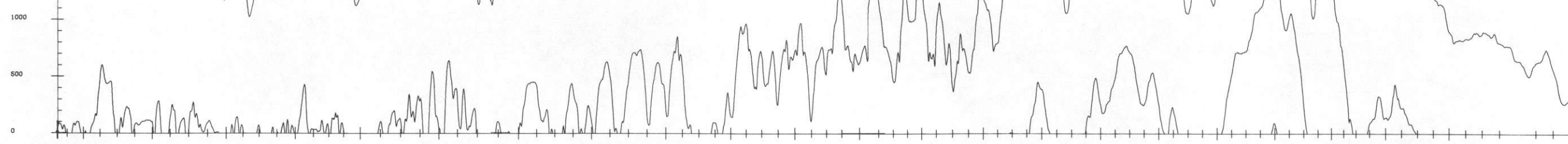
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TEMP  
1.00 DEGREES/DIV



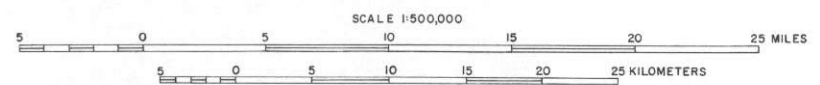
BAR ALT  
100 FT/DIV



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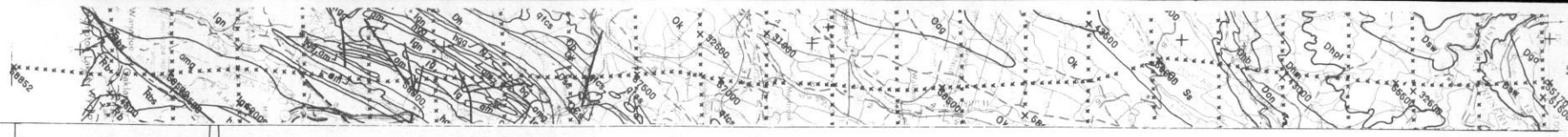
P 45

↑ EXCEEDS ALTITUDE SPECIFICATIONS

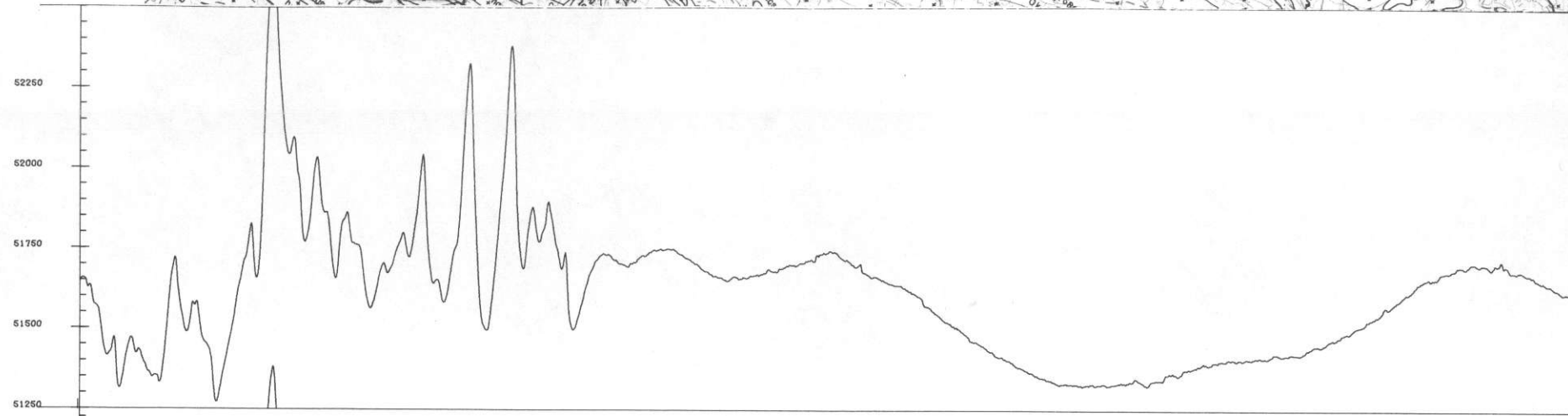


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
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1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
DEPARTMENT OF ENERGY





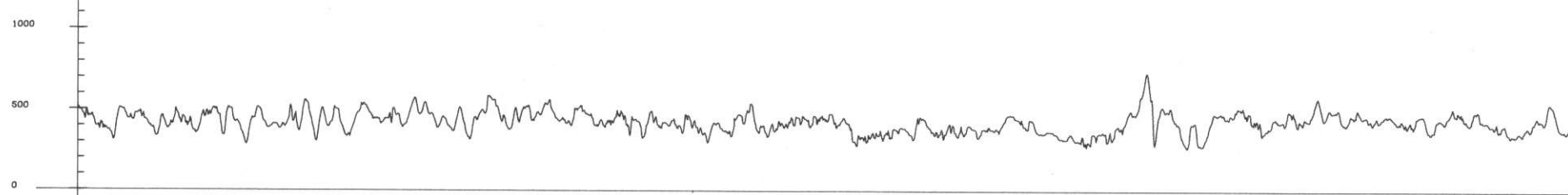
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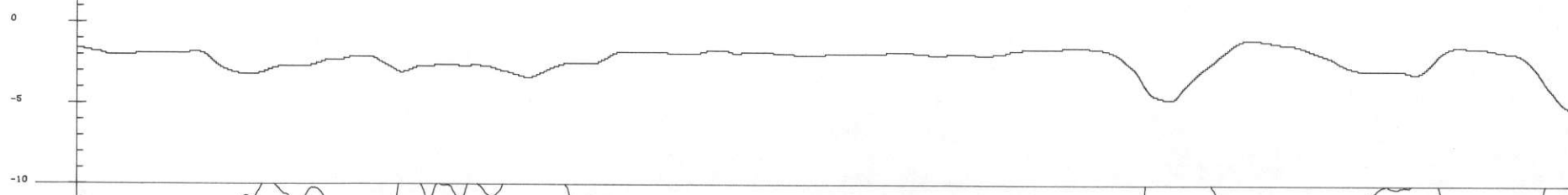
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20 GAMMAS/DIV



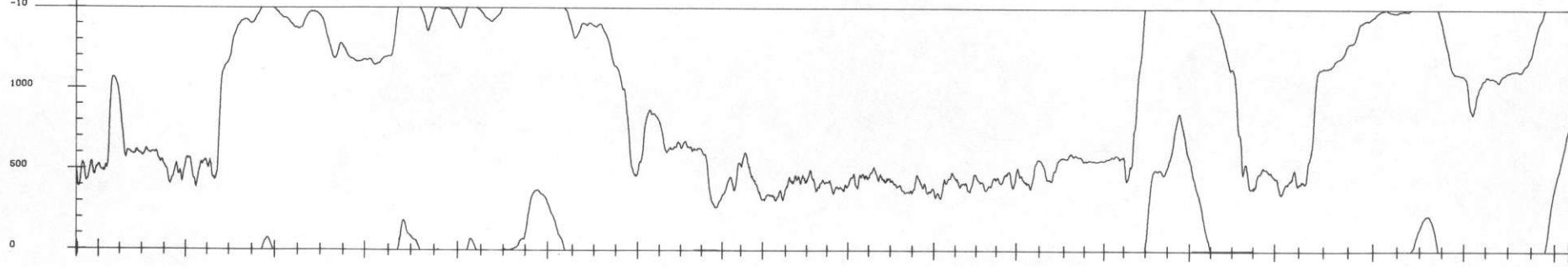
ALT  
100 FT/DIV



TEMP  
1.00 DEGREES/DIV



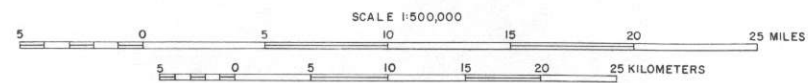
BAR ALT  
100 FT/DIV



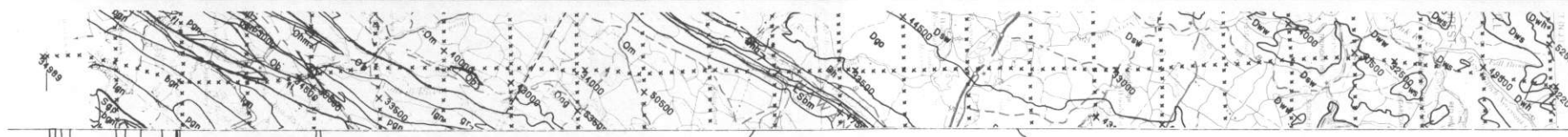
58852 58600 58400 58200 58000 57800 57600 57400 57000 56800 56600 56400 56200 56000 55800 55600 55400 55170

TL 51

↑ EXCEEDS ALTITUDE SPECIFICATIONS

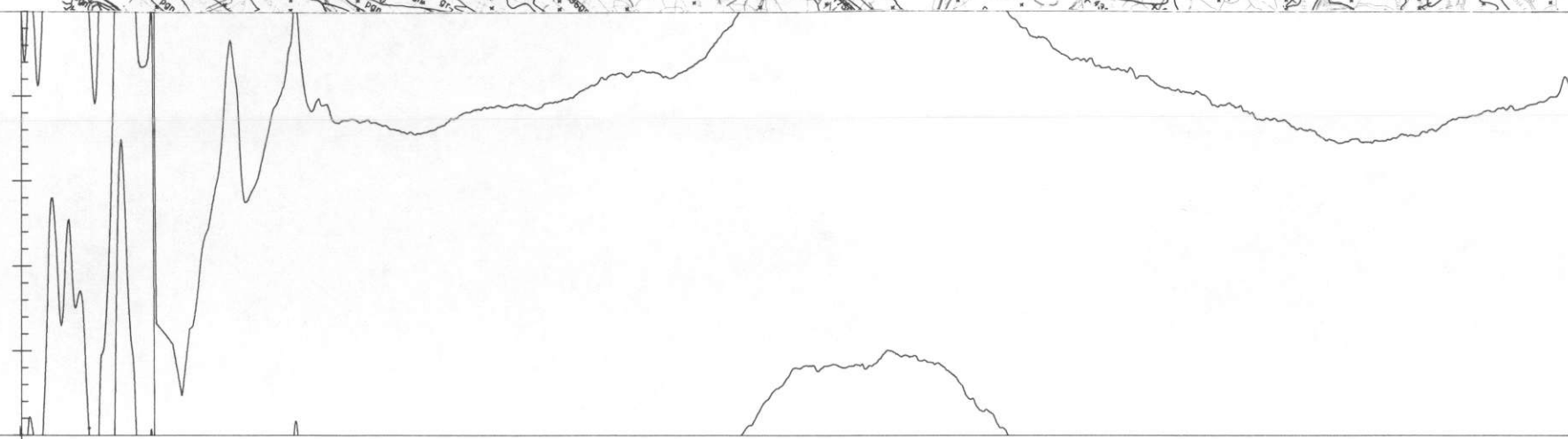


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
DEPARTMENT OF ENERGY



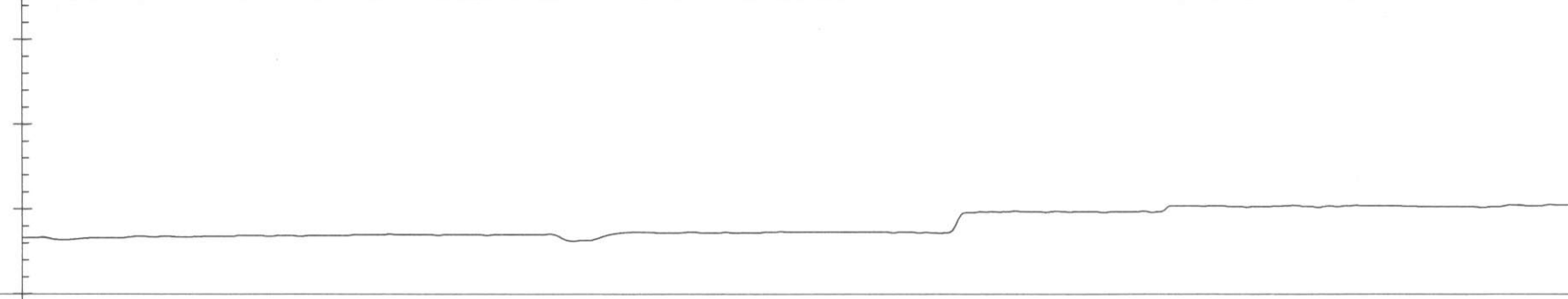
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50 GAMS/DIV

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51250  
51000  
50750  
50500



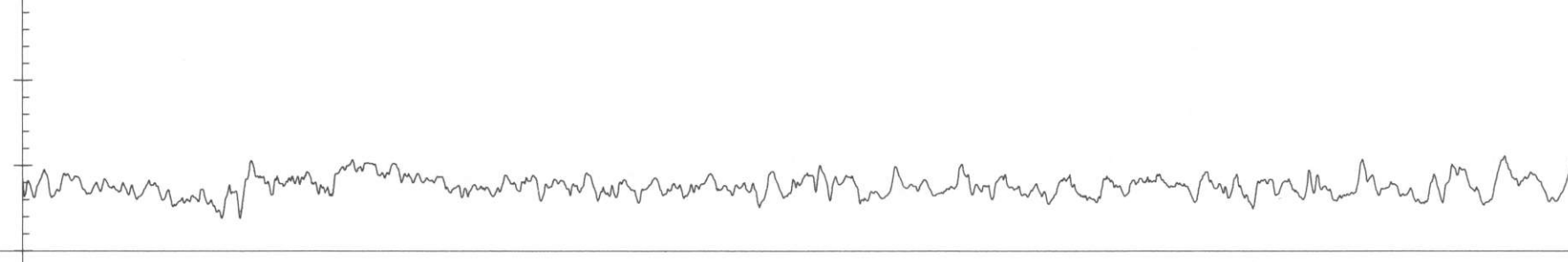
DIURNAL  
20 GAMS/DIV

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56400  
56300  
56200



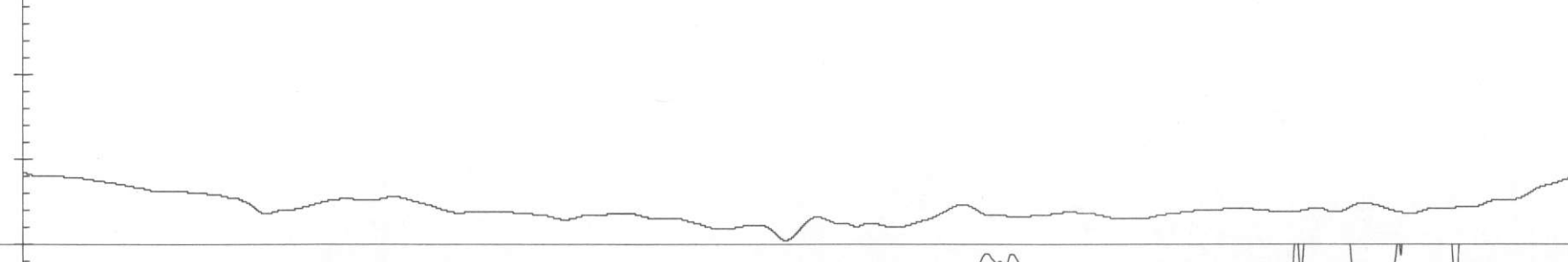
ALT  
100 FT/DIV

1000  
500  
0



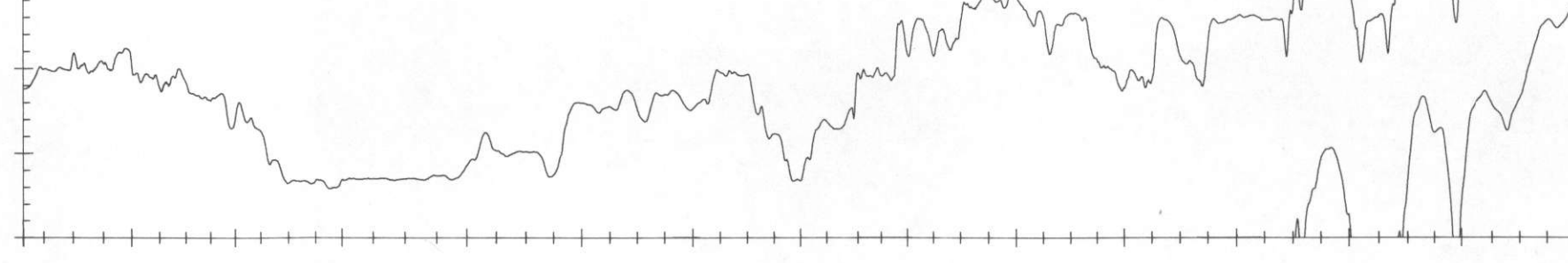
TEMP  
1.00 DEGREES/DIV

0  
-5  
-10



BAR ALT  
100 FT/DIV

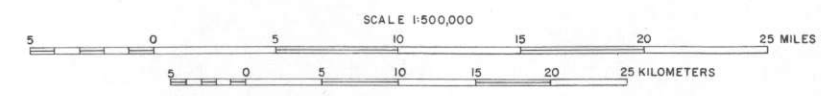
1500  
1000  
500



34989 34800 34600 34400 34200 34000 33800 33600 33400 33200 33000 32800 32600 32400 32201

TL 52

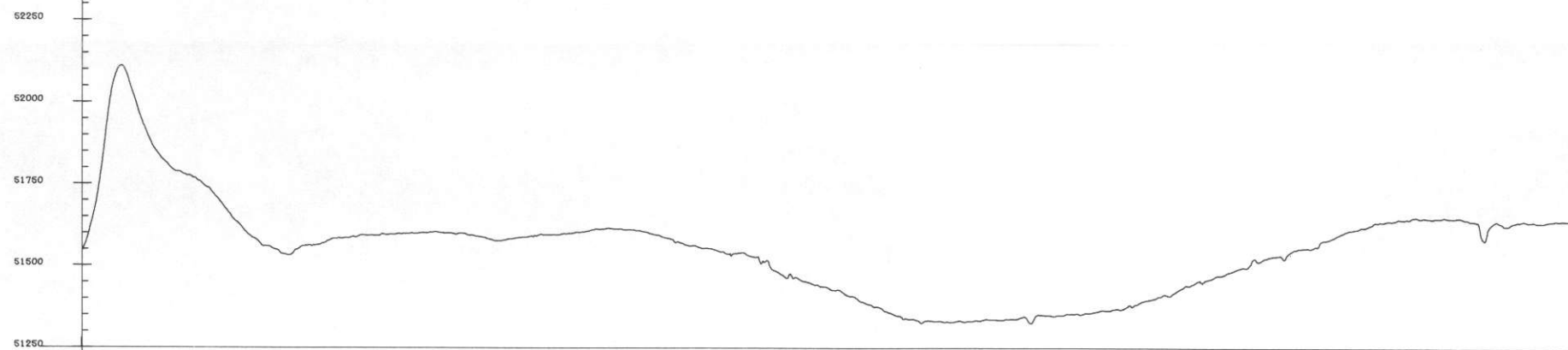
↑ EXCEEDS ALTITUDE SPECIFICATIONS



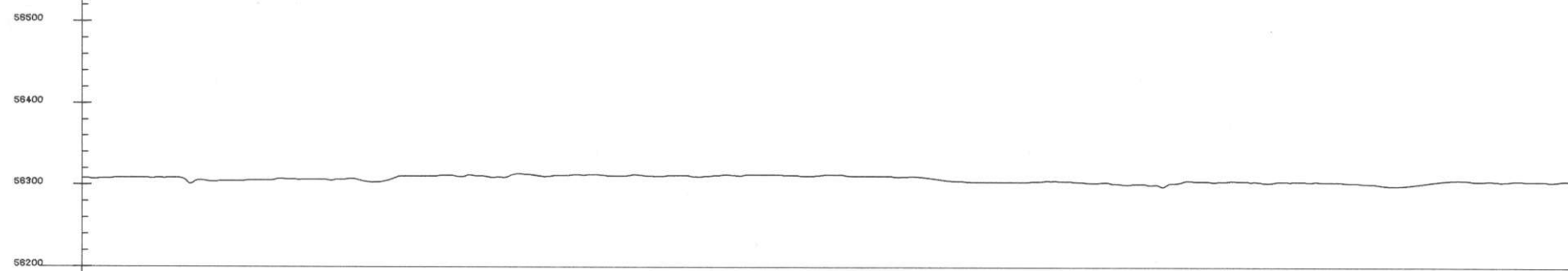
NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
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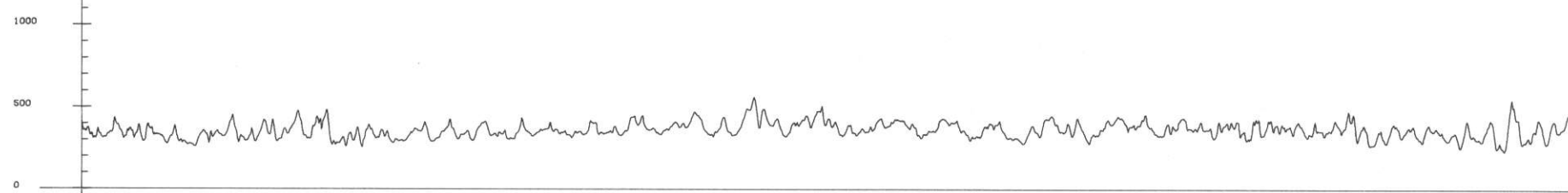
MAG  
50 GAMMAS/DIV



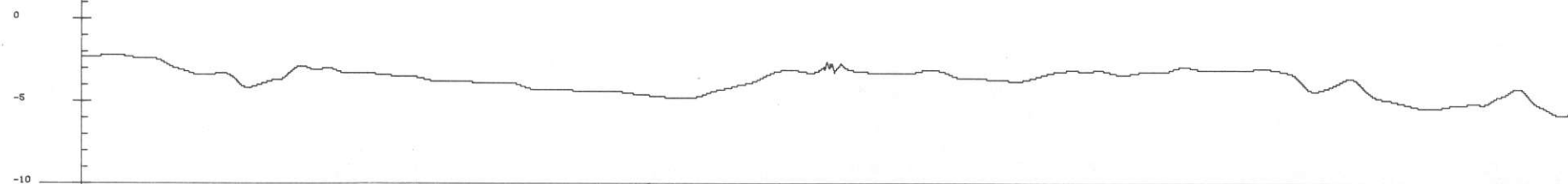
DIURNAL  
20 GAMMAS/DIV



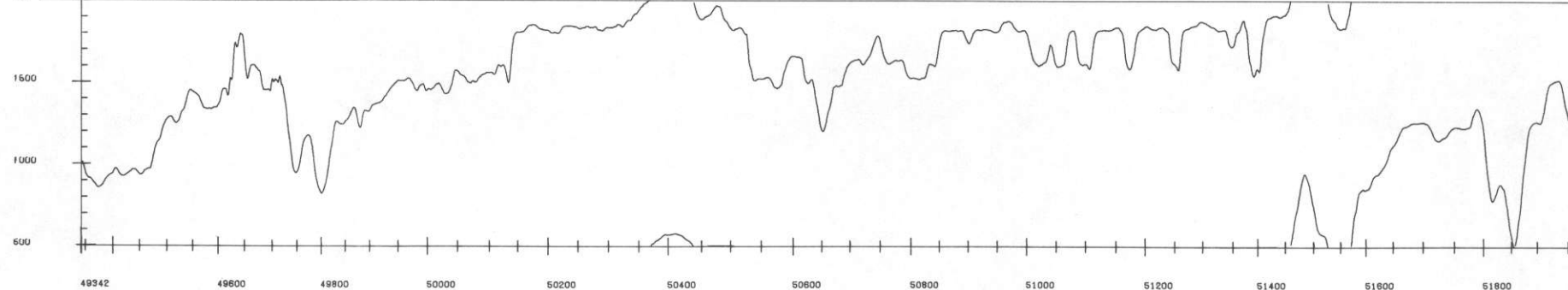
ALT  
100 FT/DIV



TEMP  
1.00 DEGREES/DIV



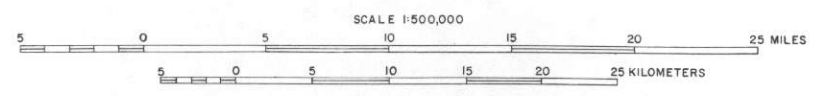
BAR ALT  
100 FT/DIV



49942 49600 49800 50000 50200 50400 50600 50800 51000 51200 51400 51600 51800 51964

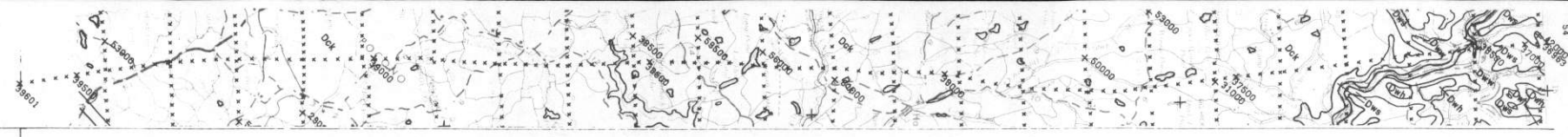
TL 53

↑ EXCEEDS ALTITUDE SPECIFICATIONS

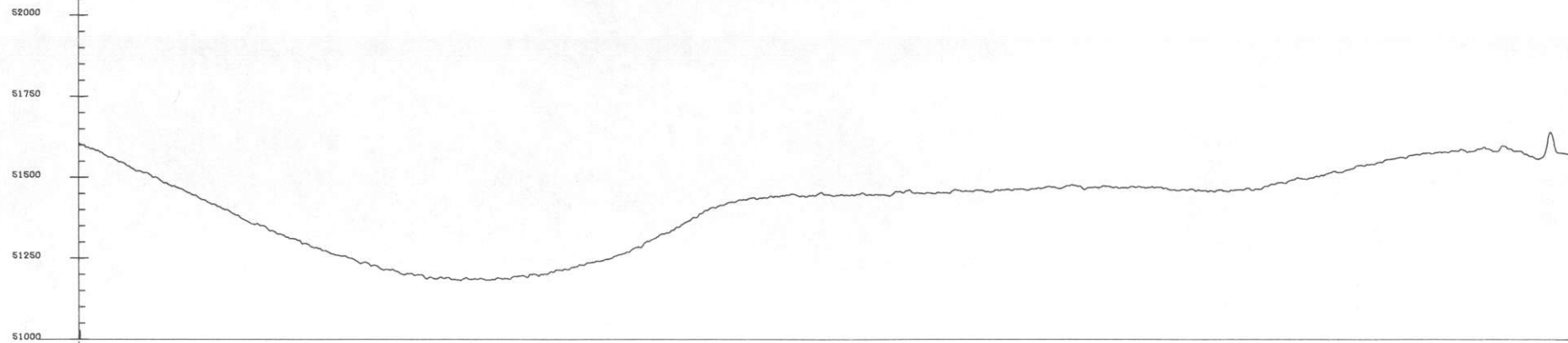


NURE AERIAL GAMMA RAY AND MAGNETIC  
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1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
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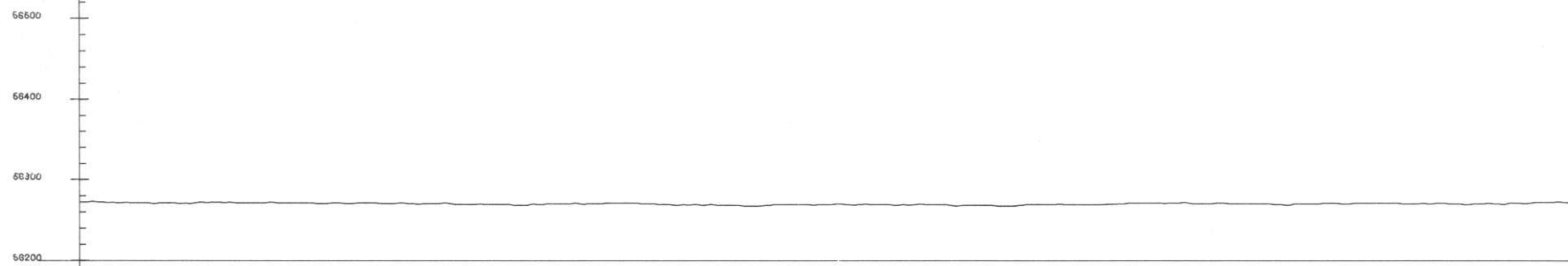




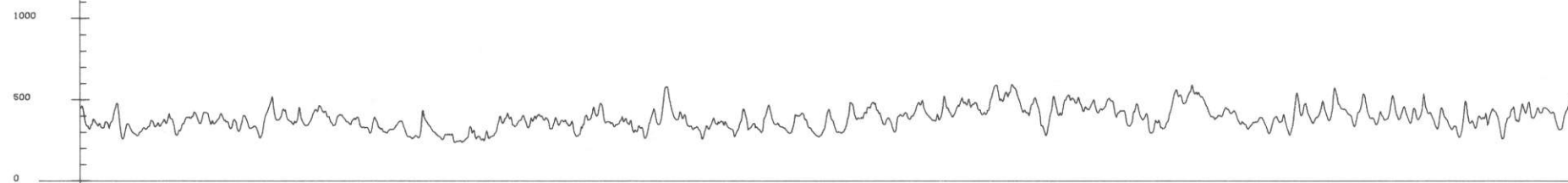
MAG  
50 GAMMAS/DIV



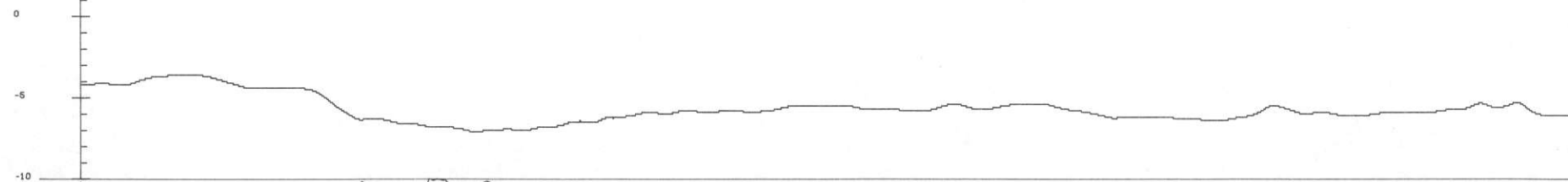
DIURNAL  
20 GAMMAS/DIV



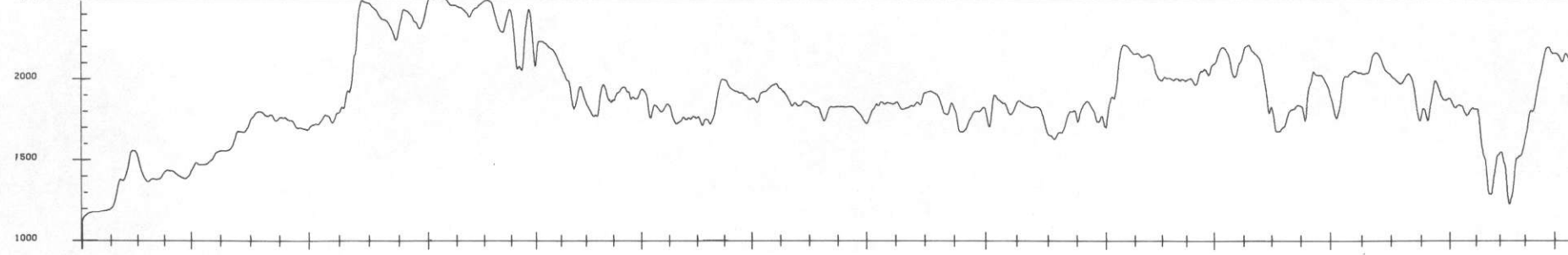
ALT  
100 FT/DIV



TEMP  
1.00 DEGREES/CIV



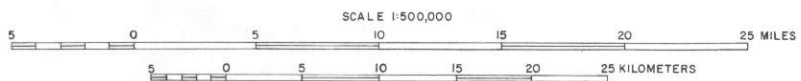
BAR ALT  
100 FT/DIV



39601 39400 39200 39000 38800 38600 38400 38200 38000 37800 37600 37400 37200 36963

TL 54

↑ EXCEEDS ALTITUDE SPECIFICATIONS



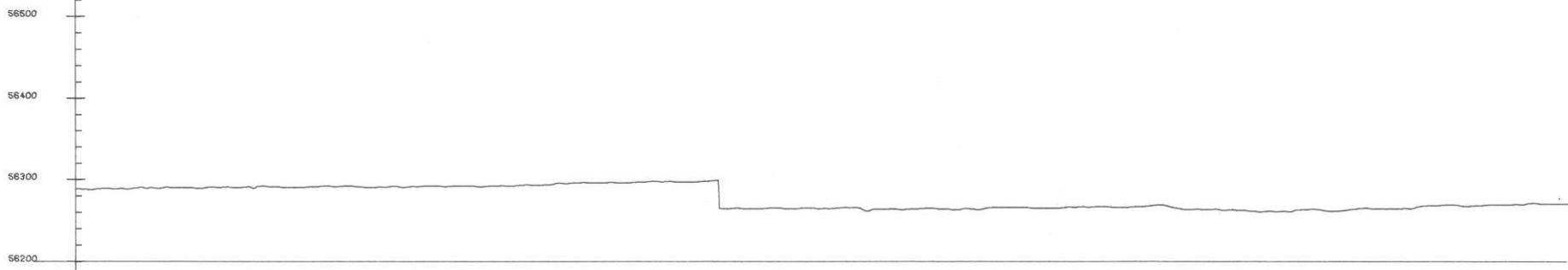
NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
THORPE AREA - SCRANTON NK 18-8 QUADRANGLE  
MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
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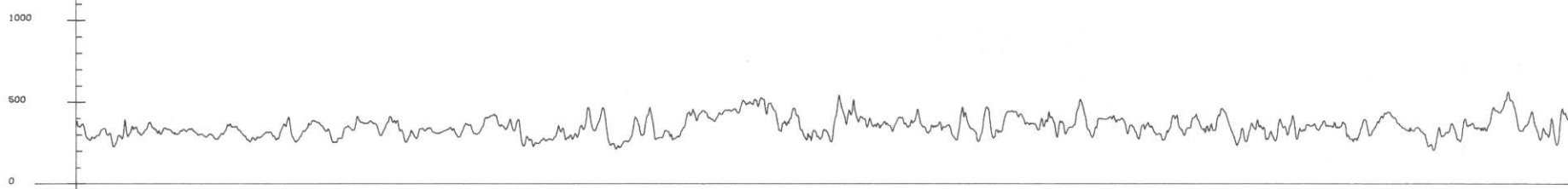
MAG  
50 GAMMAS/DIV



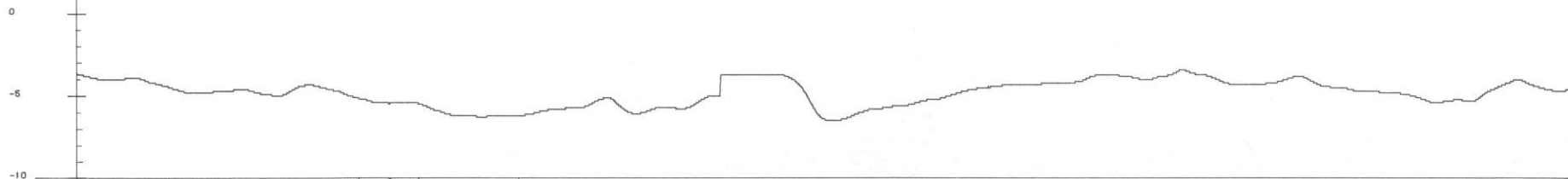
DIURNAL  
20 GAMMAS/DIV



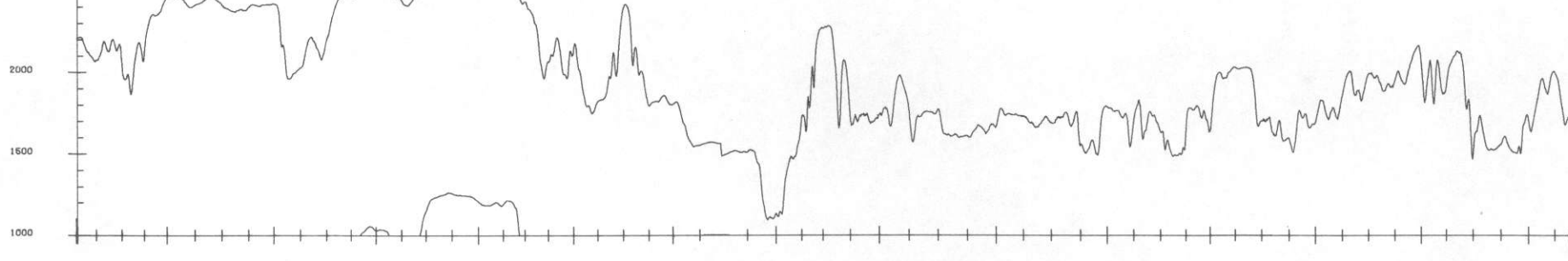
ALT  
100 FT/DIV



TEMP  
1.00 DEGREES/DIV



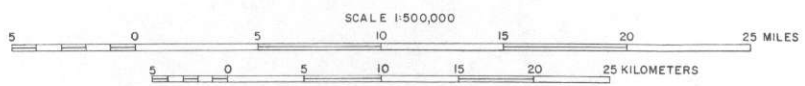
BAR ALT  
100 FT/DIV



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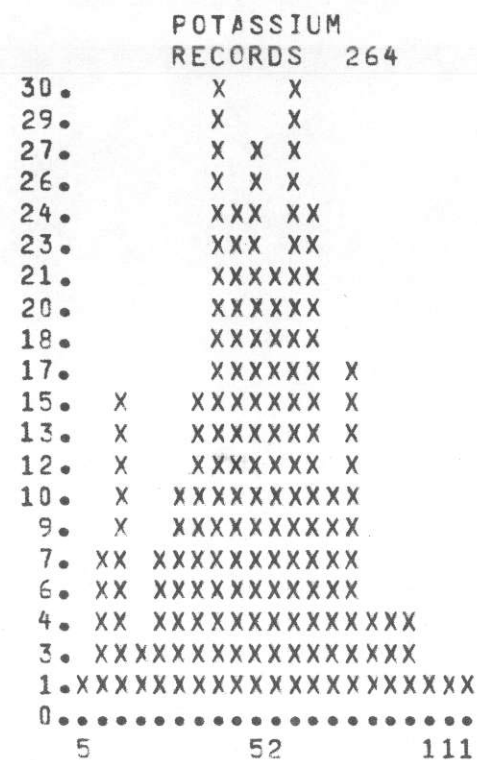
TL 55

↑ EXCEEDS ALTITUDE SPECIFICATIONS

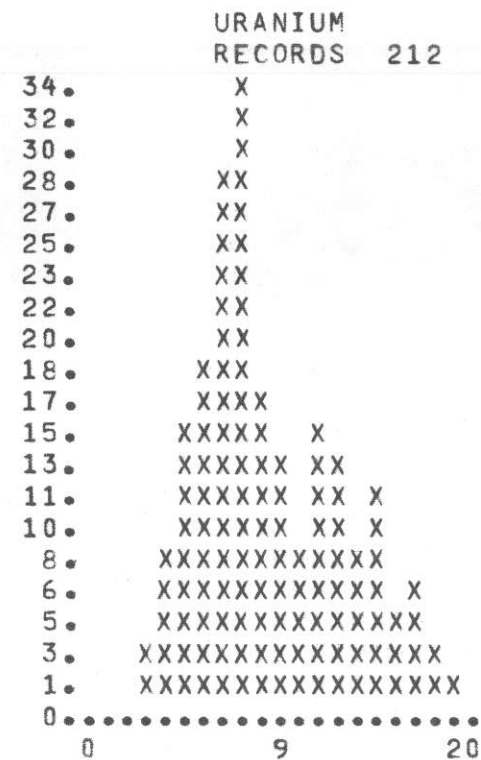


NURE AERIAL GAMMA RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
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MAGNETIC MULTIPLE-PARAMETER STACKED PROFILES  
1977  
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006  
PREPARED FOR  
DEPARTMENT OF ENERGY

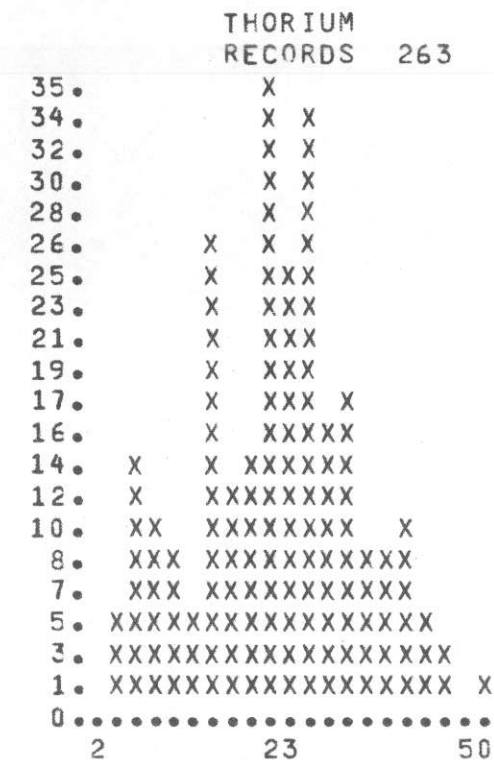
GEOLOGIC UNIT WATER



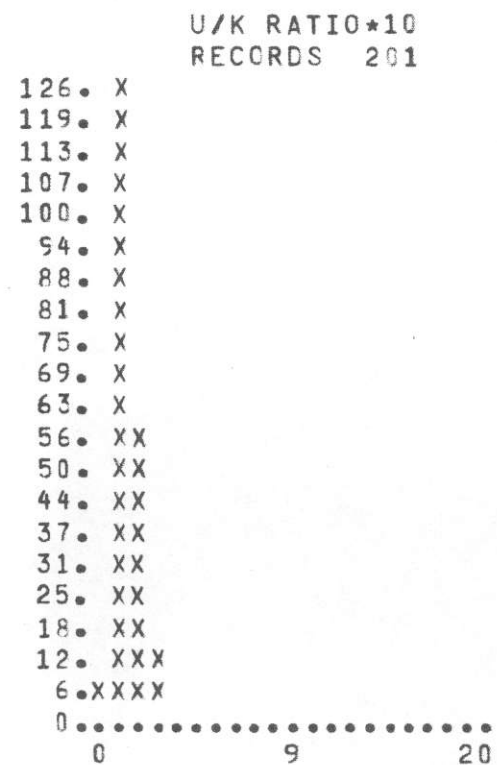
MEAN 51. SIGMA 21.1



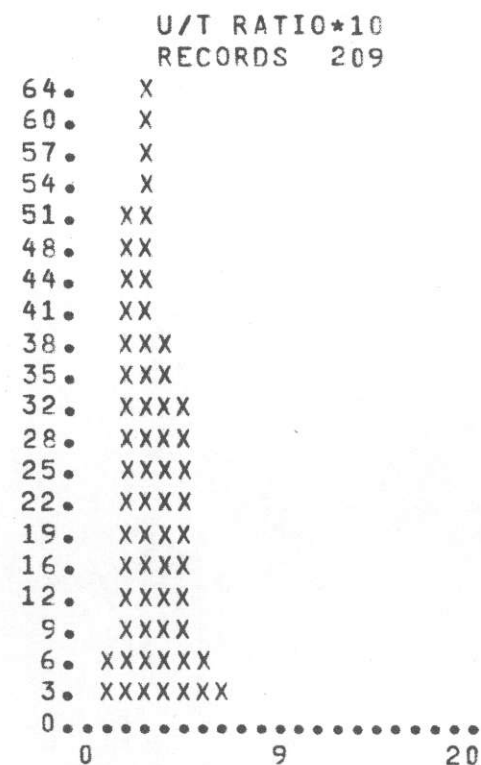
MEAN 9. SIGMA 3.7



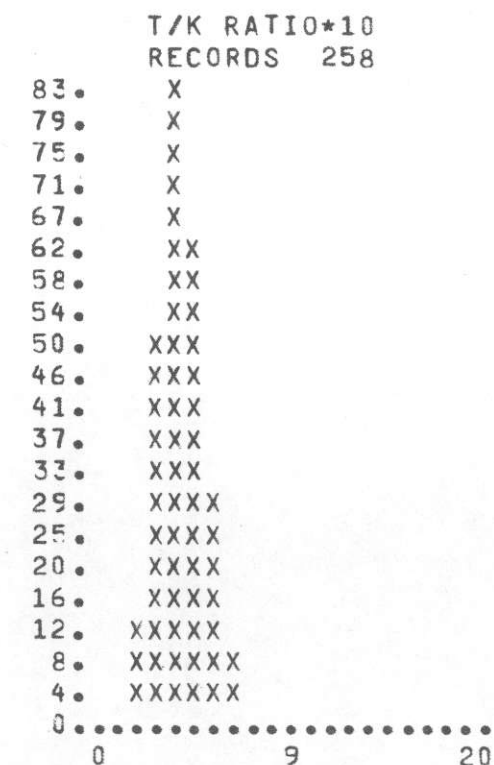
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9



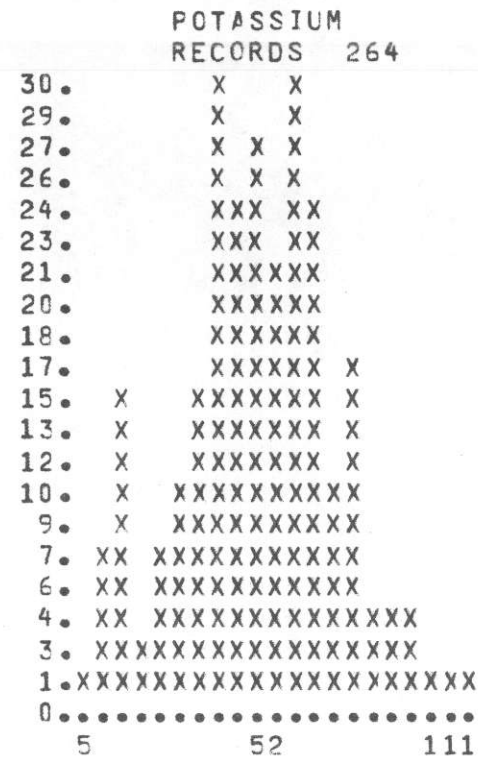
MEAN 4. SIGMA 1.5



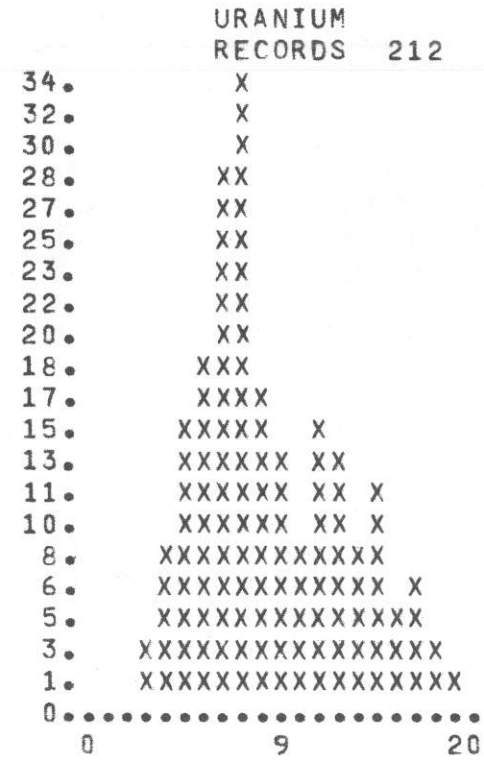
MEAN 4. SIGMA 1.7



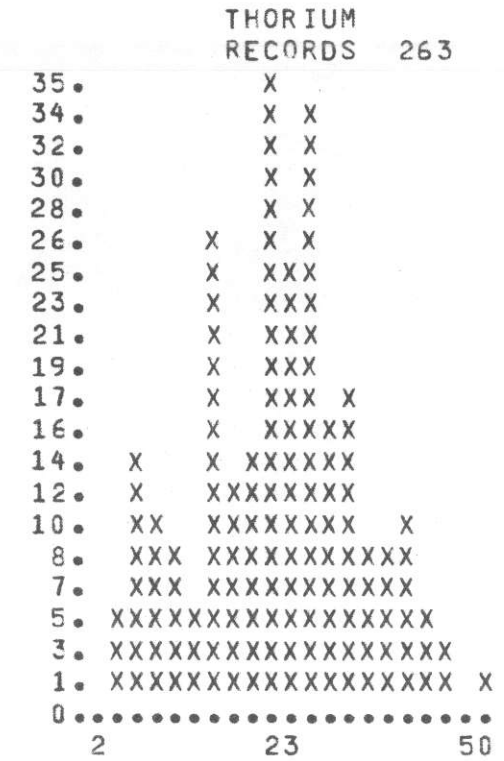
GEOLOGIC UNIT WATER



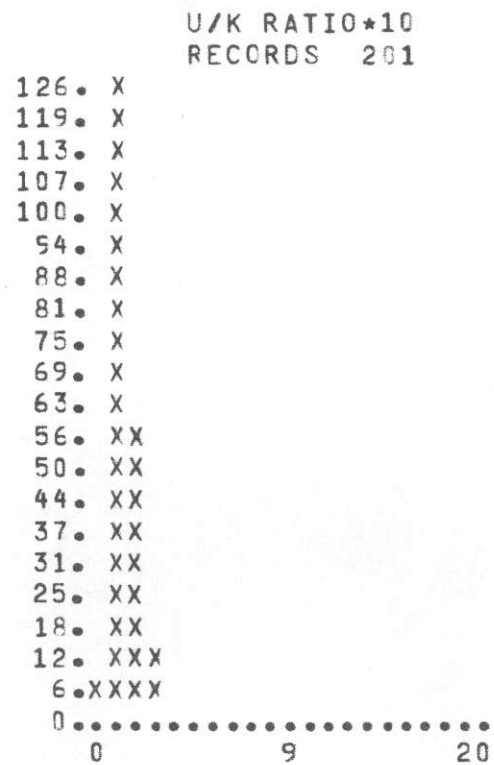
MEAN 51. SIGMA 21.1



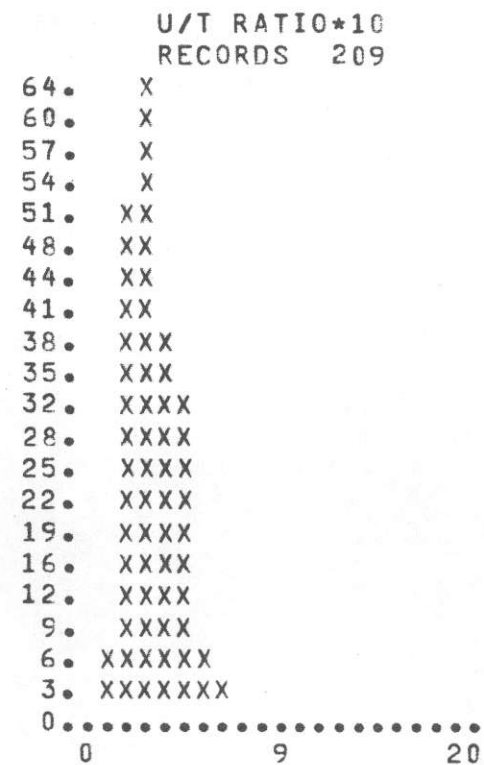
MEAN 9. SIGMA 3.7



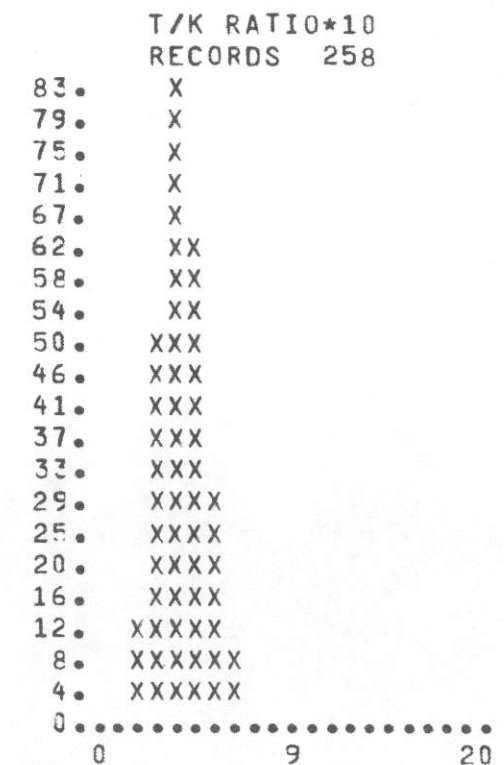
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9

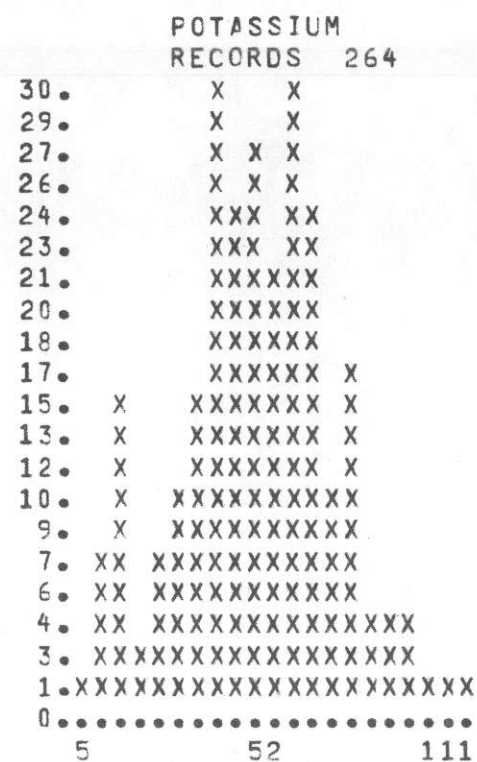


MEAN 4. SIGMA 1.5

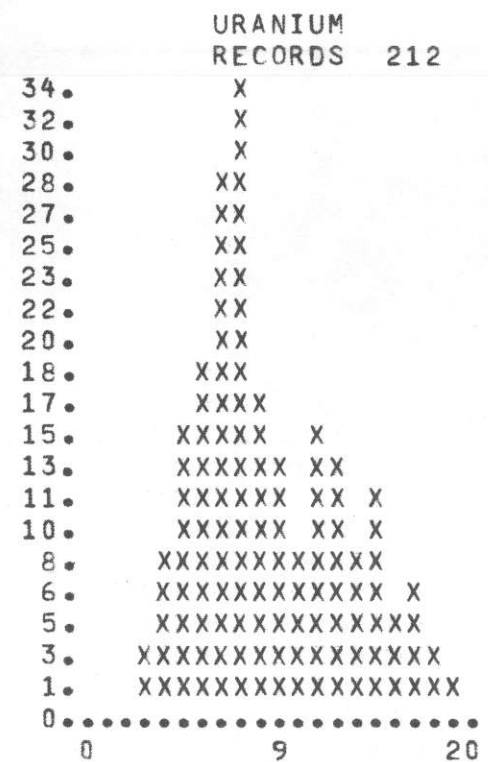


MEAN 4. SIGMA 1.7

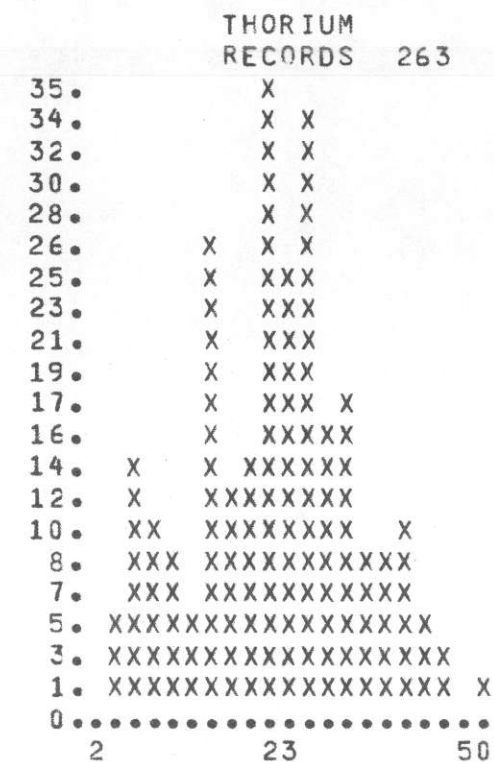
GEOLOGIC UNIT WATER



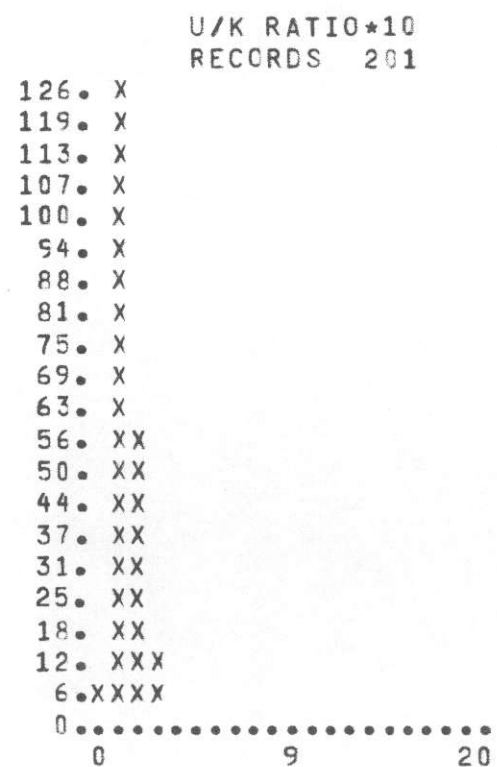
MEAN 51. SIGMA 21.1



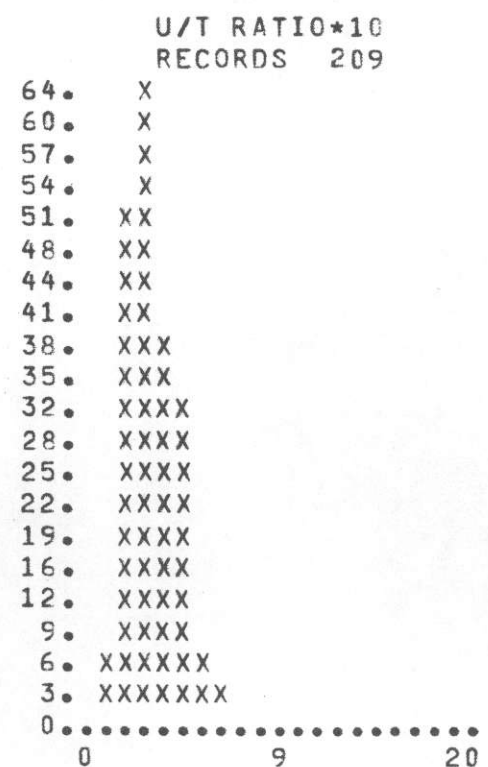
MEAN 9. SIGMA 3.7



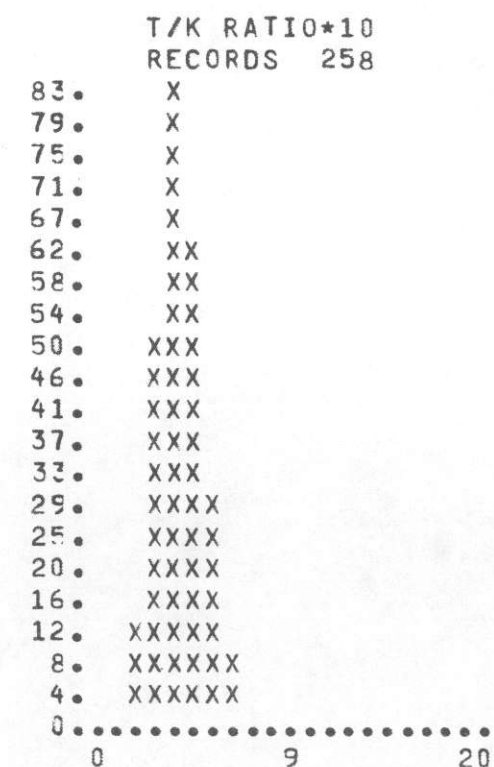
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9

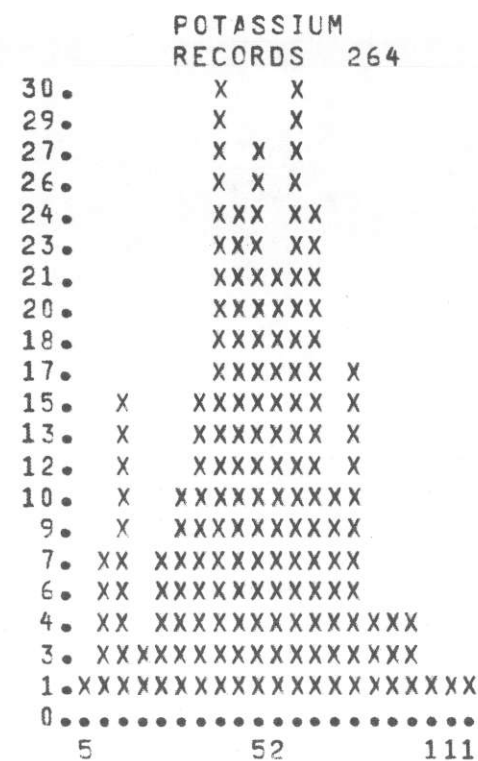


MEAN 4. SIGMA 1.5

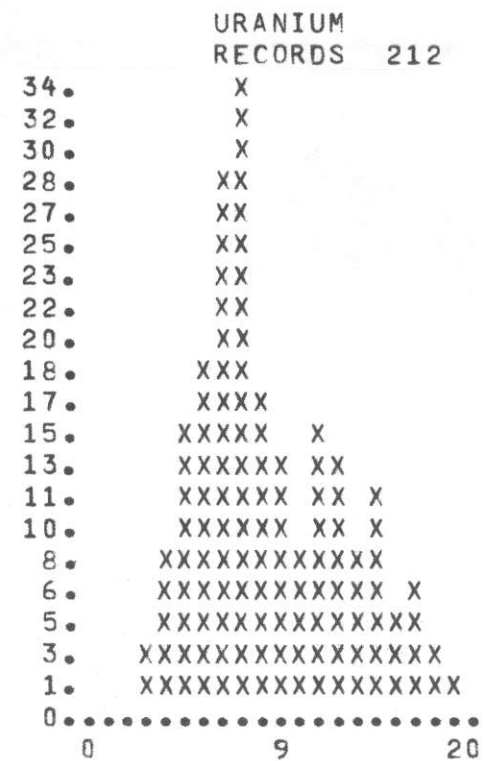


MEAN 4. SIGMA 1.7

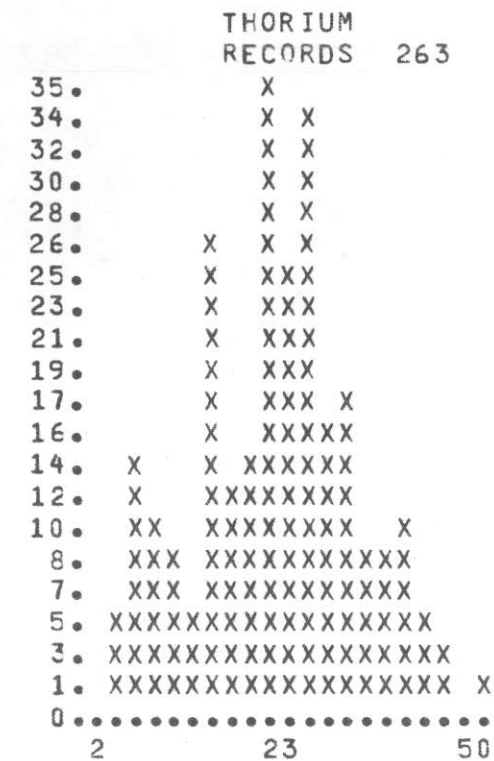
GEOLOGIC UNIT WATER



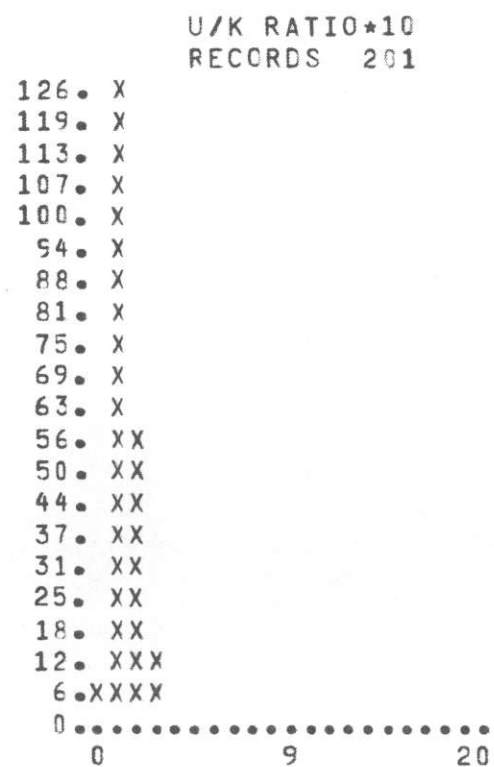
MEAN 51. SIGMA 21.1



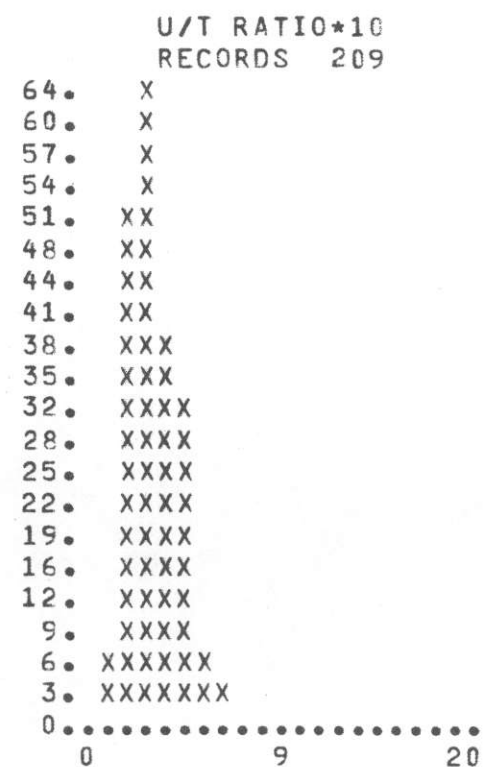
MEAN 9. SIGMA 3.7



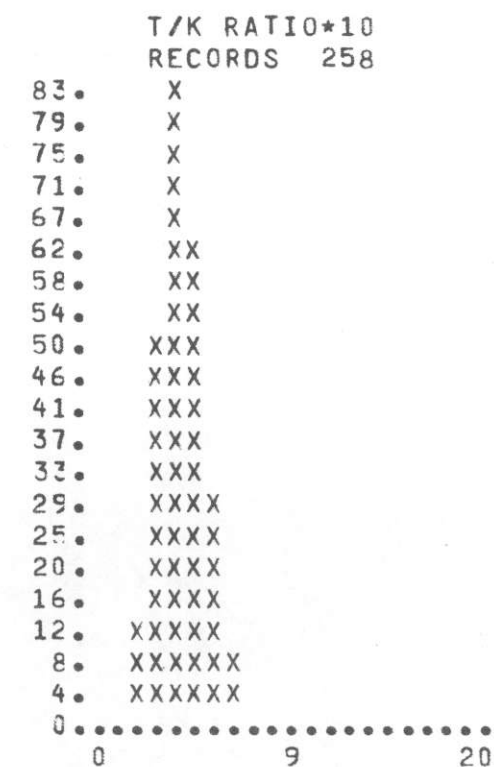
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9



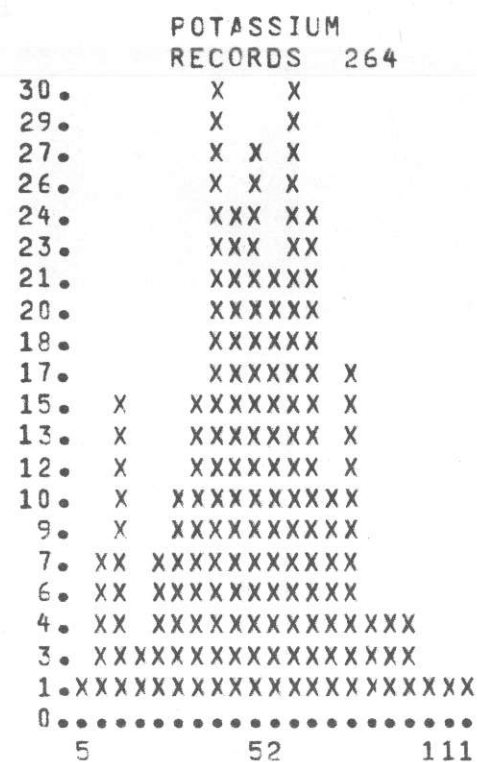
MEAN 4. SIGMA 1.5



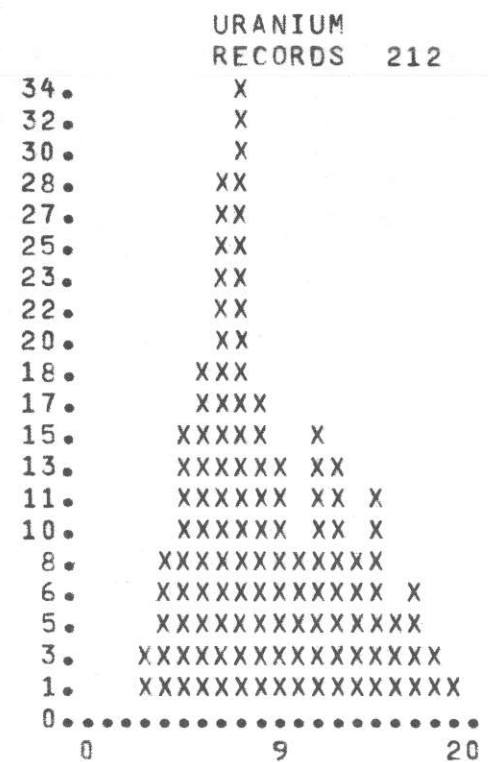
MEAN 4. SIGMA 1.7



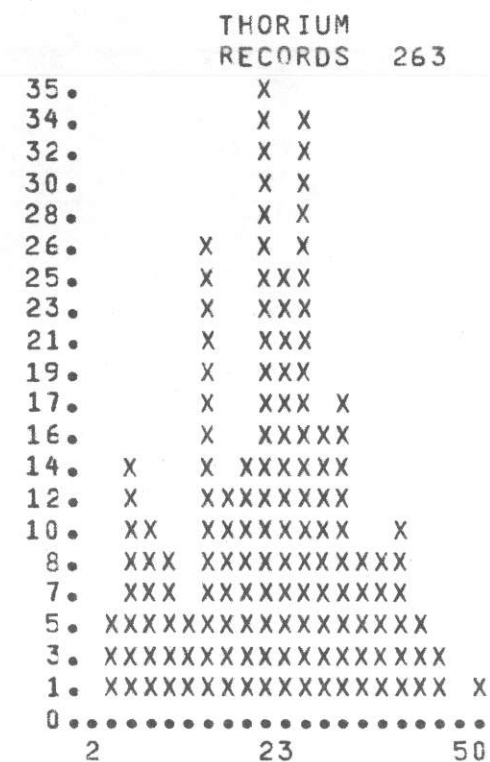
GEOLOGIC UNIT WATER



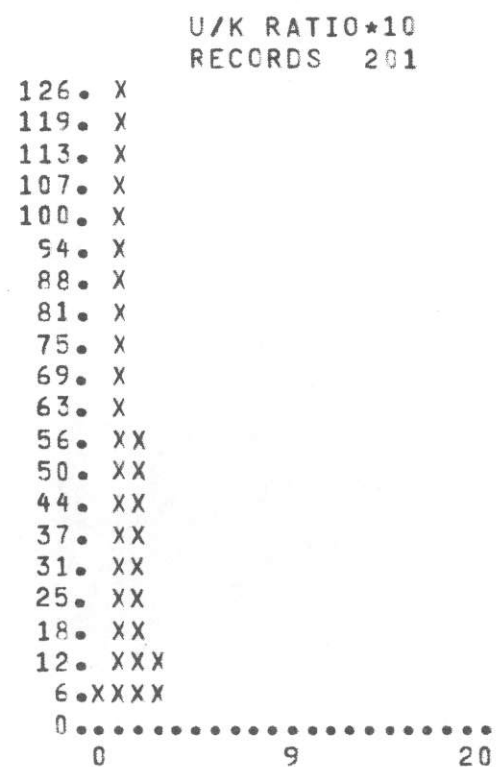
MEAN 51. SIGMA 21.1



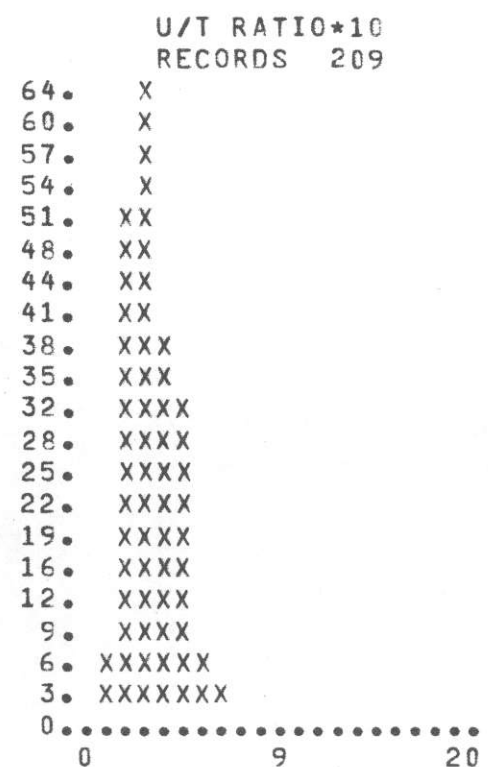
MEAN 9. SIGMA 3.7



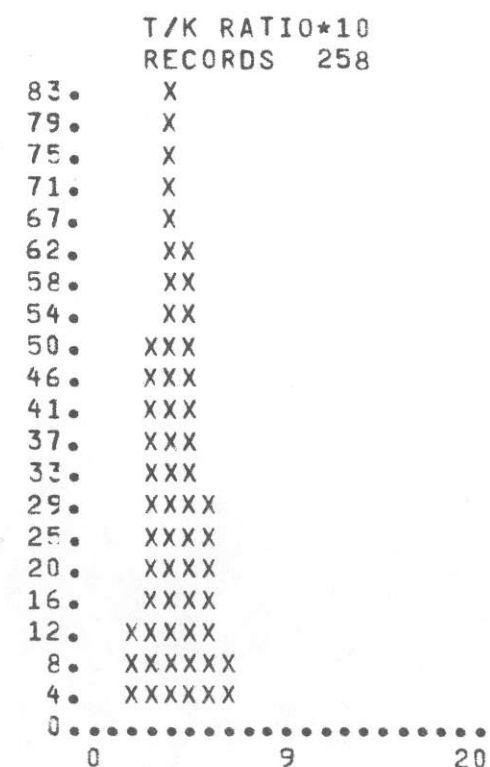
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9

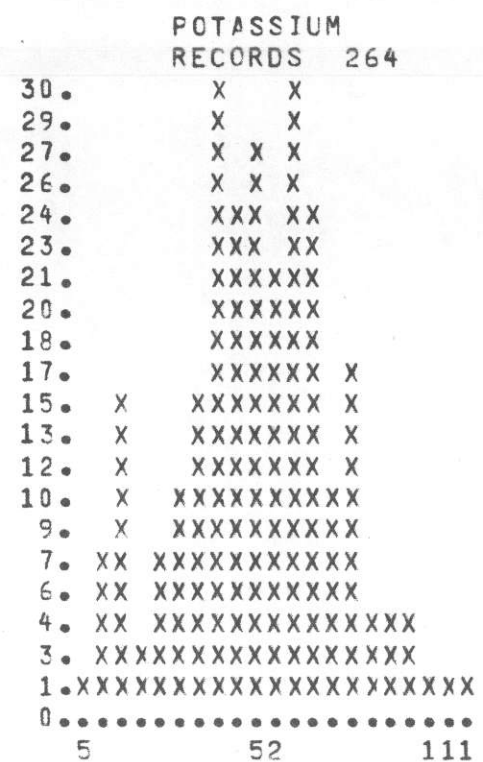


MEAN 4. SIGMA 1.5

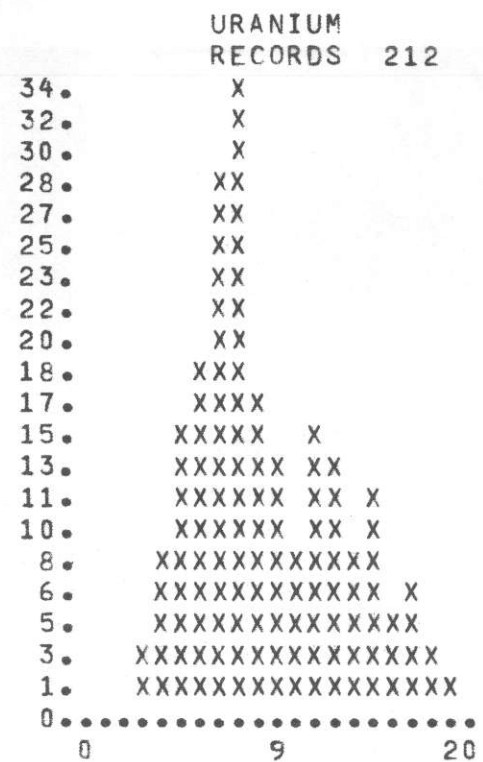


MEAN 4. SIGMA 1.7

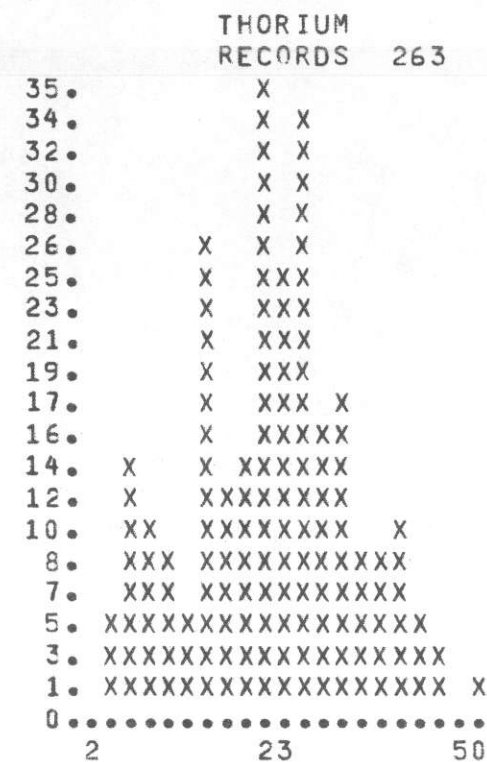
GEOLOGIC UNIT WATER



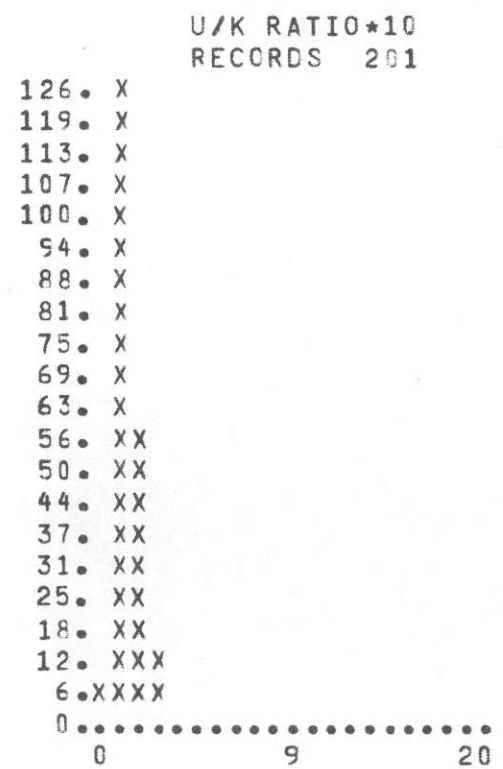
MEAN 51. SIGMA 21.1



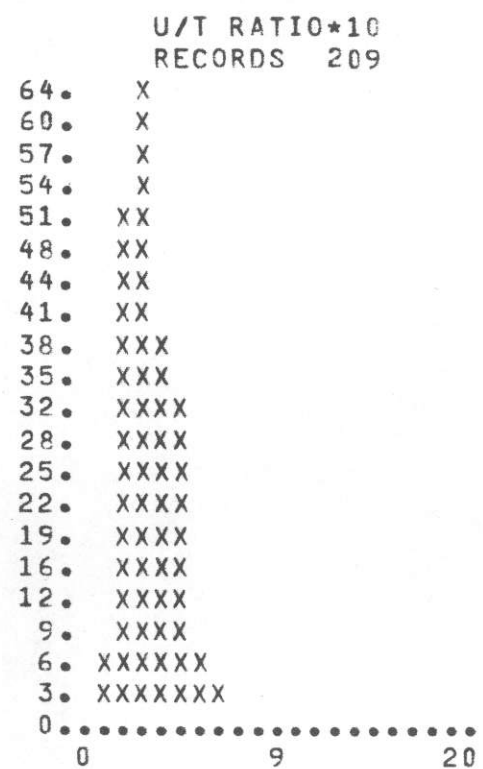
MEAN 9. SIGMA 3.7



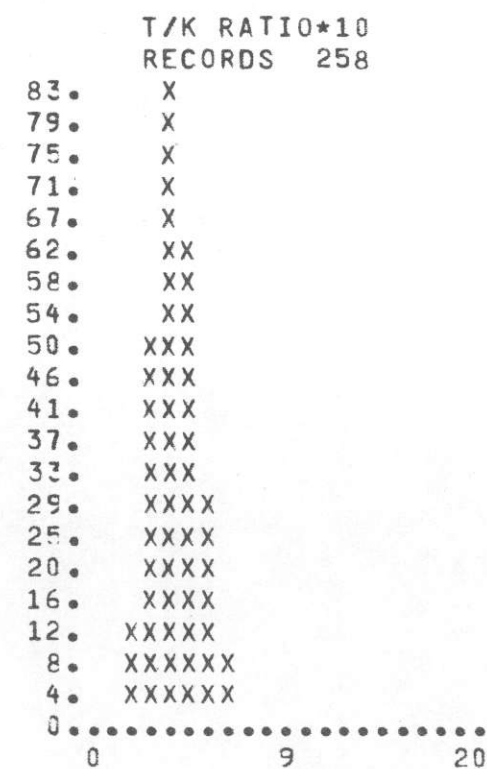
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9

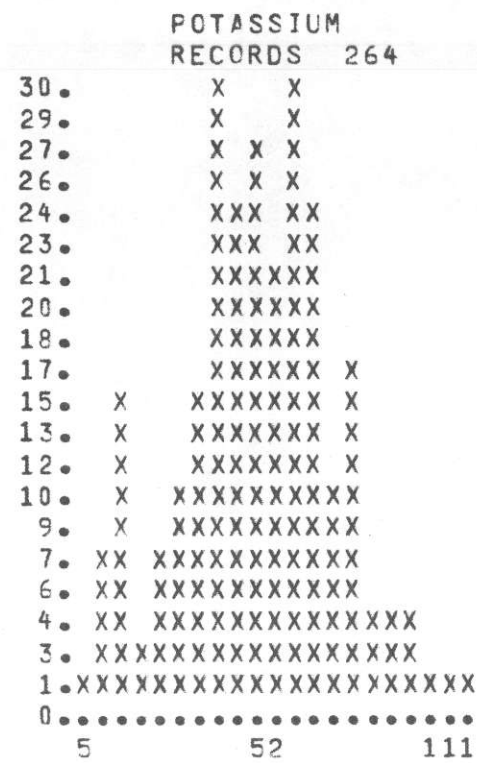


MEAN 4. SIGMA 1.5

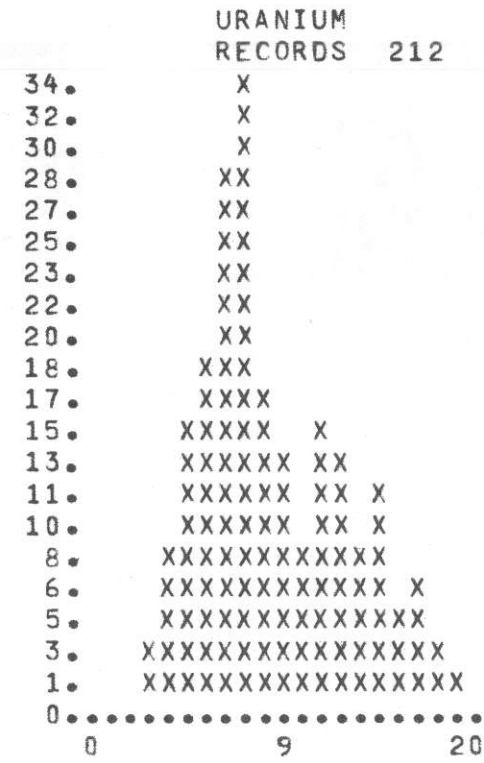


MEAN 4. SIGMA 1.7

GEOLOGIC UNIT WATER



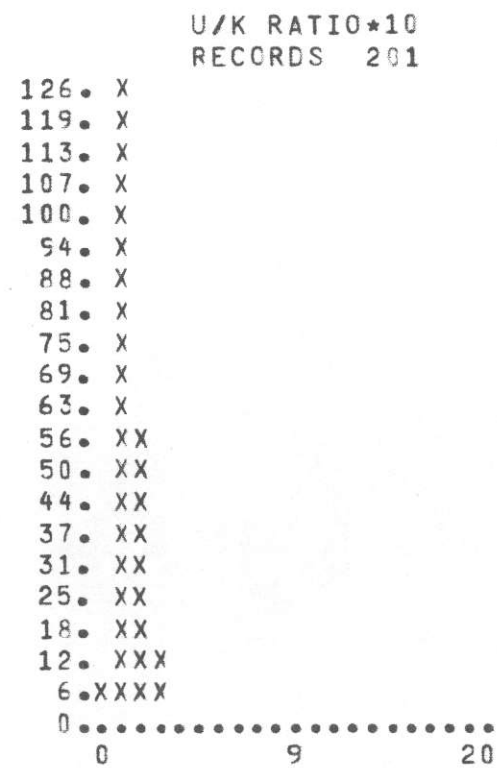
MEAN 51. SIGMA 21.1



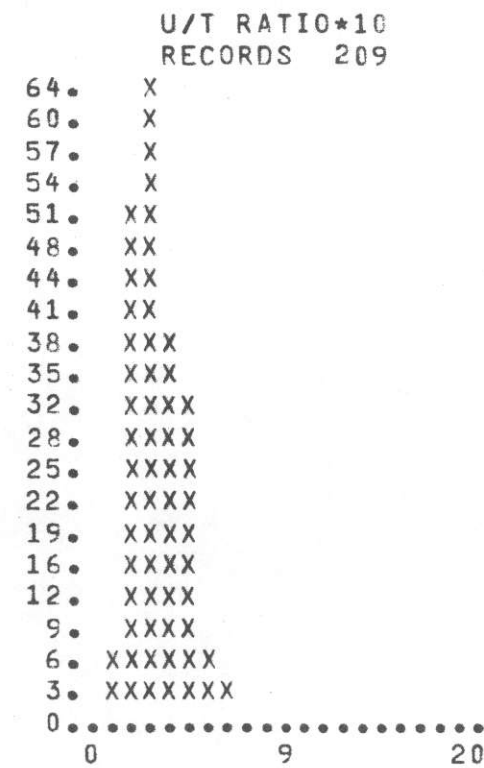
MEAN 9. SIGMA 3.7



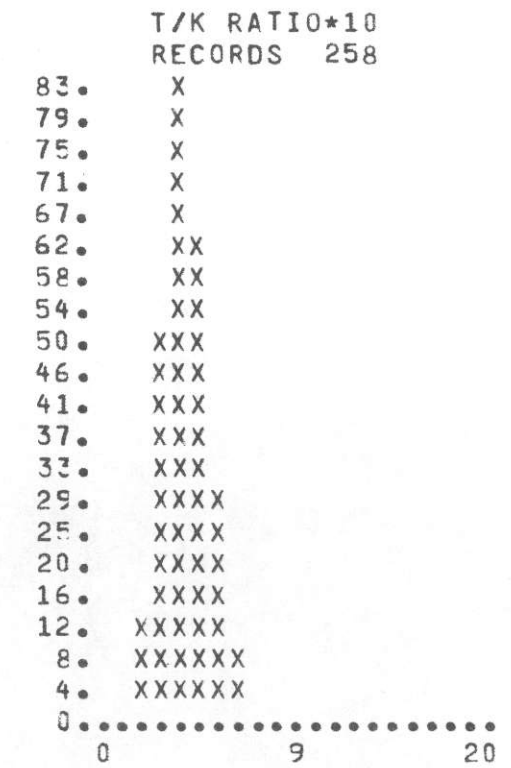
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9



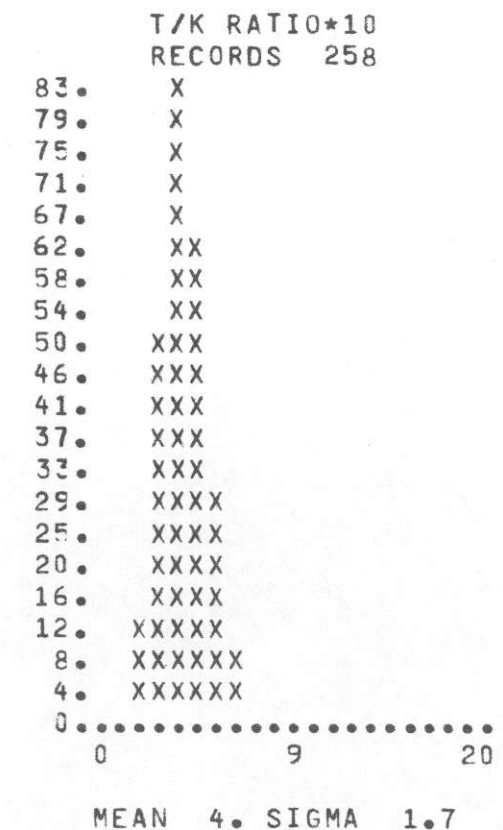
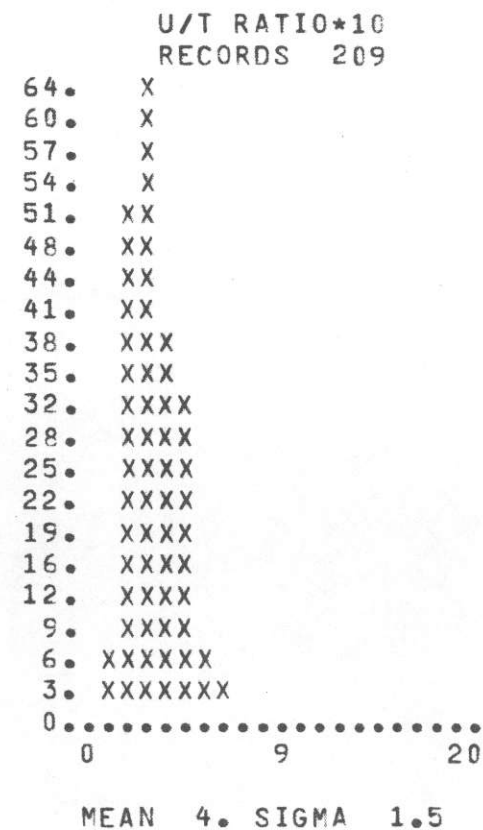
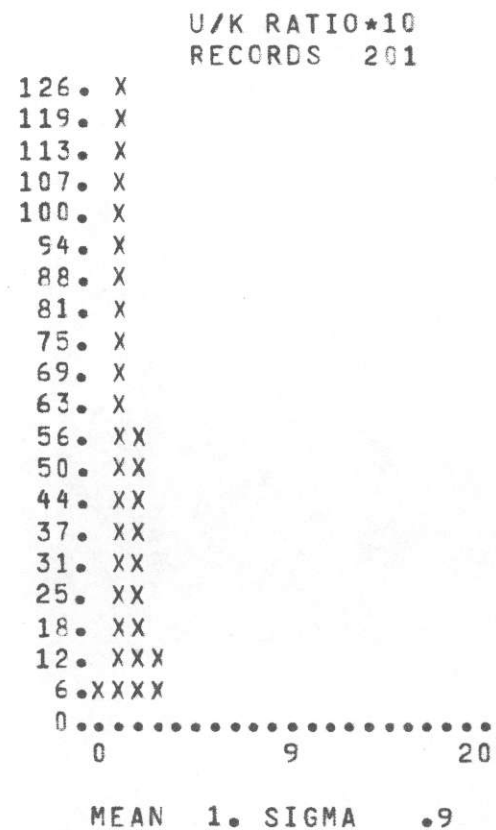
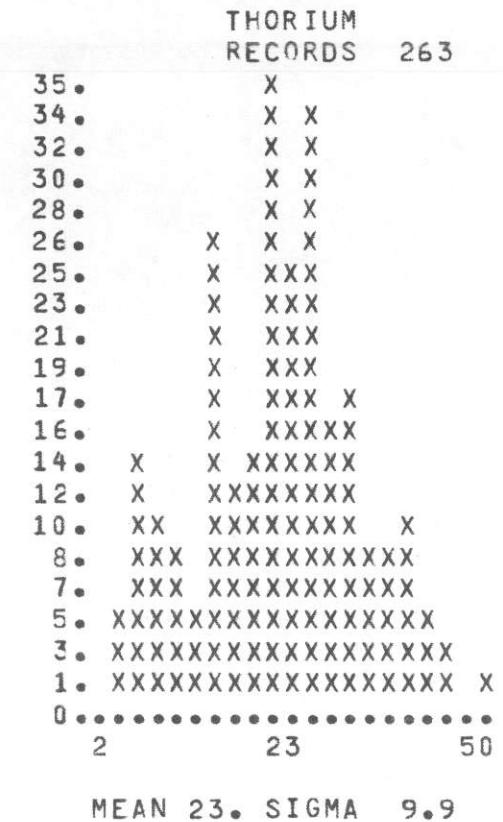
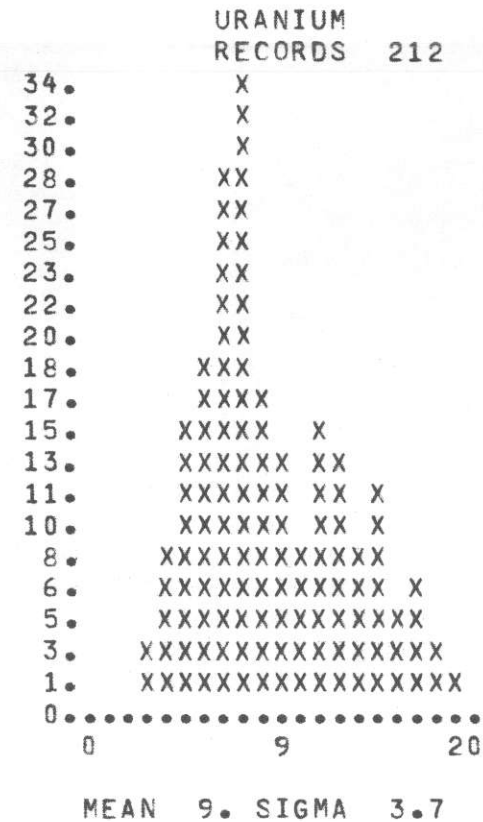
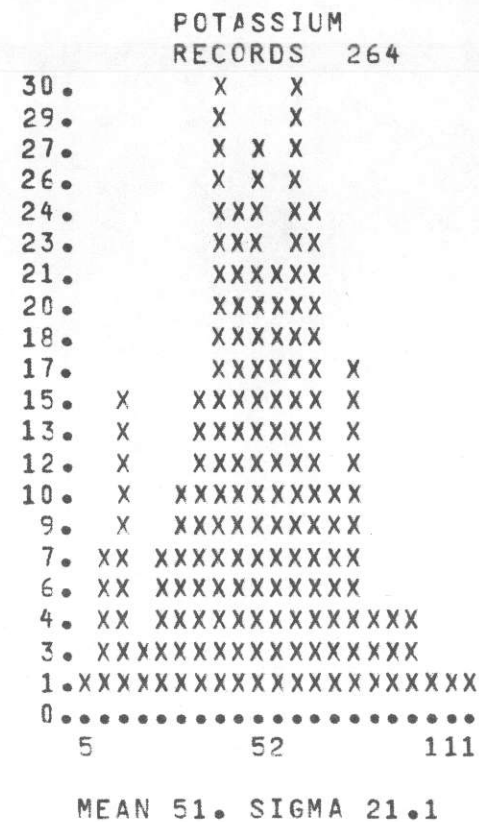
MEAN 4. SIGMA 1.5



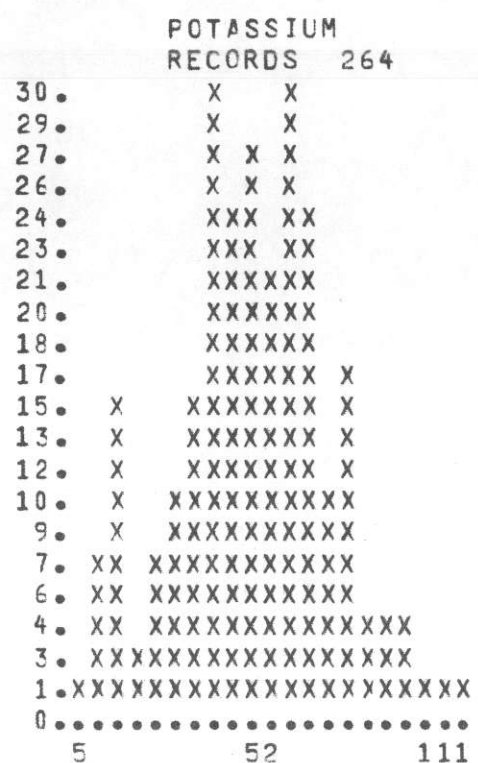
MEAN 4. SIGMA 1.7



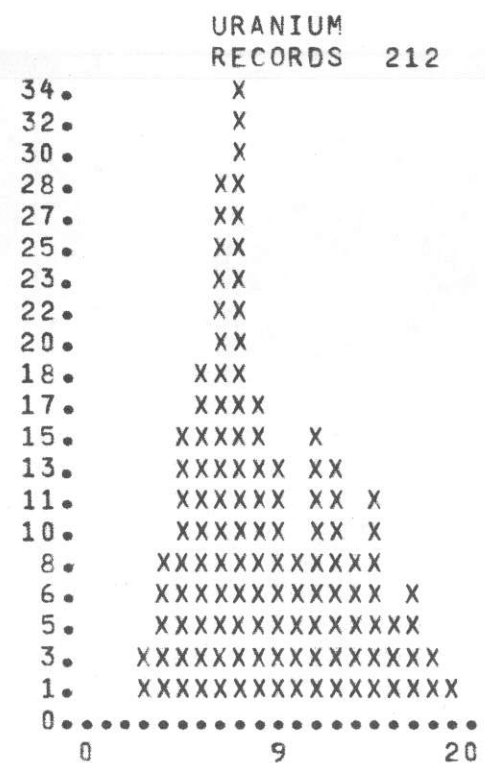
GEOLOGIC UNIT WATER



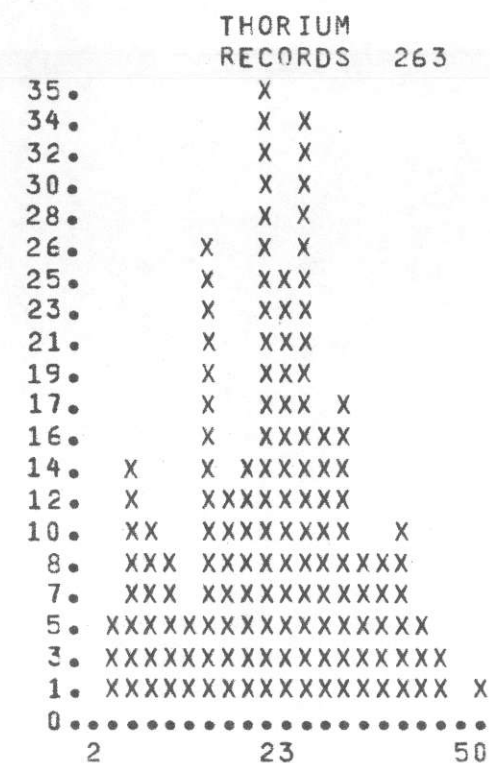
GEOLOGIC UNIT WATER



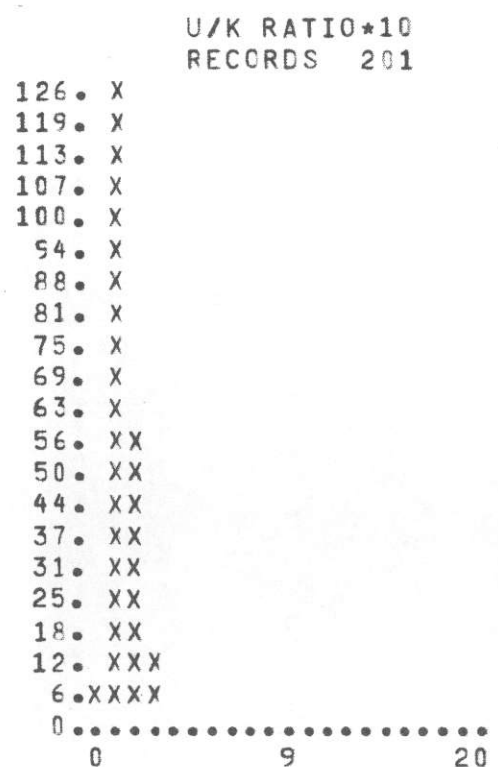
MEAN 51. SIGMA 21.1



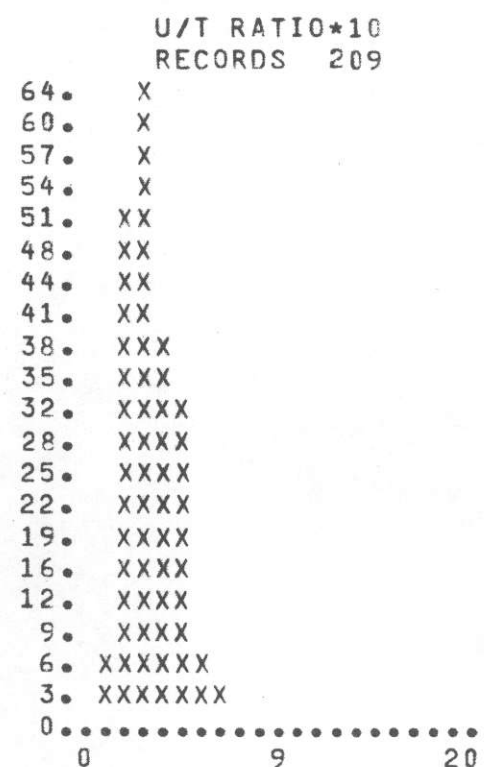
MEAN 9. SIGMA 3.7



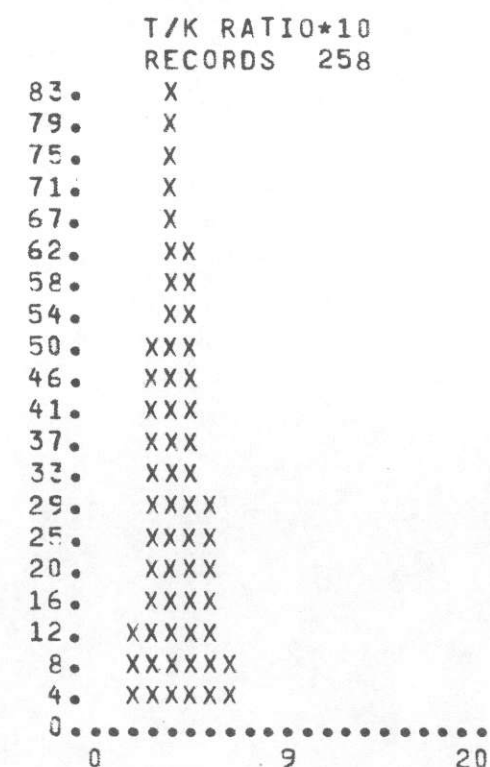
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9

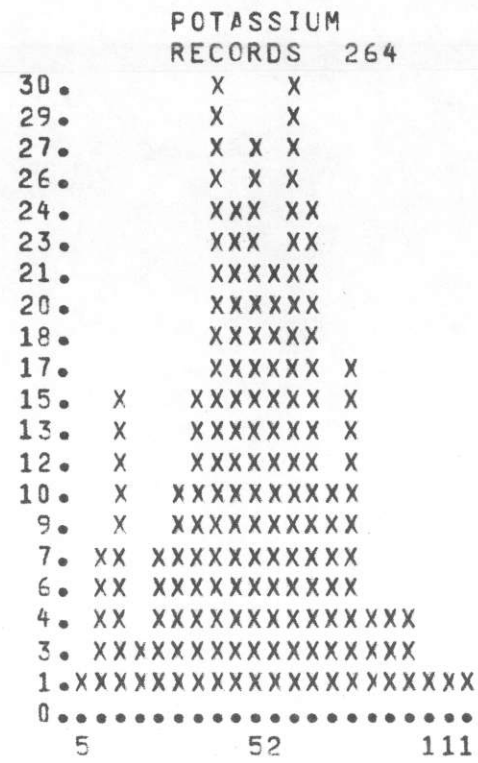


MEAN 4. SIGMA 1.5



MEAN 4. SIGMA 1.7

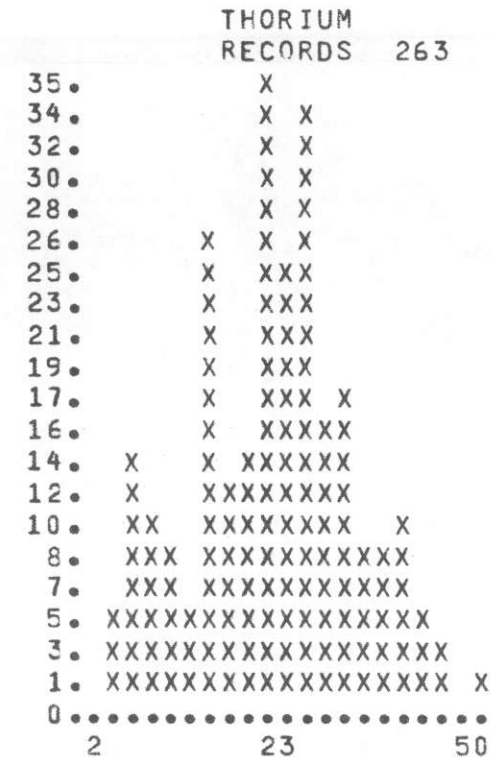
GEOLOGIC UNIT WATER



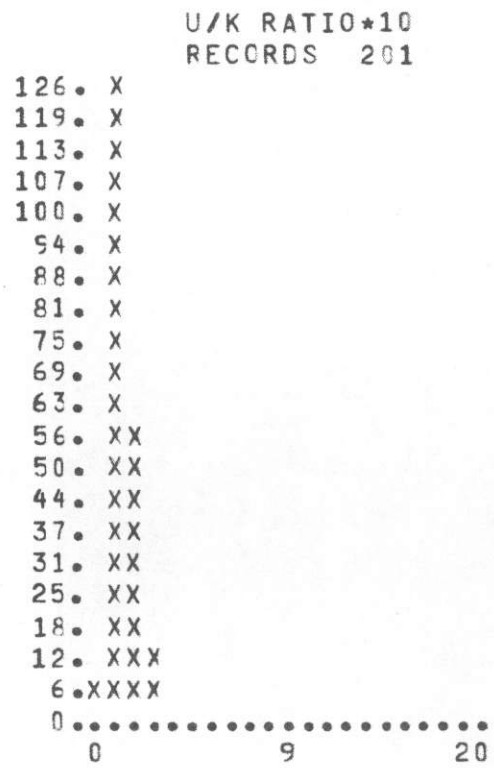
MEAN 51. SIGMA 21.1



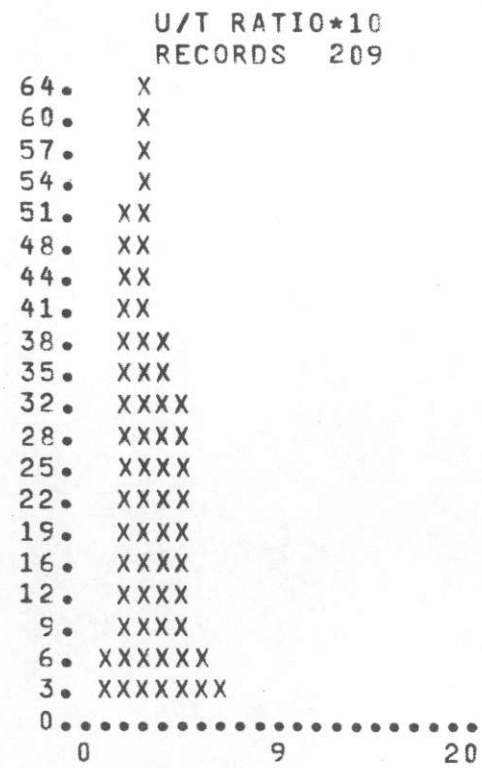
MEAN 9. SIGMA 3.7



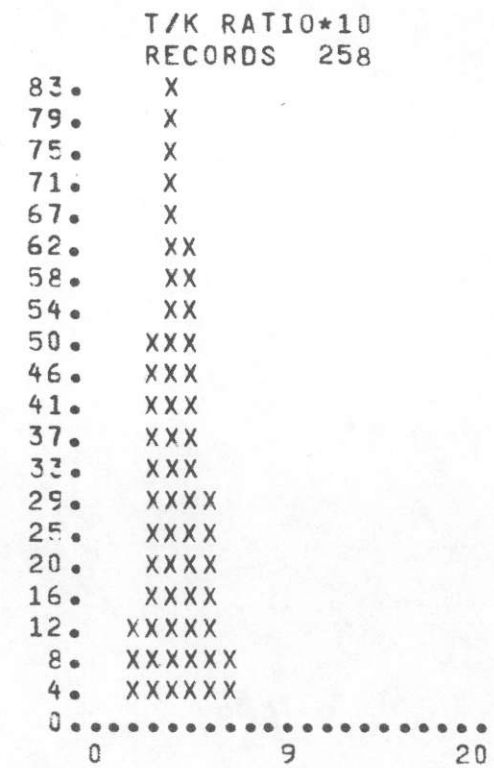
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9



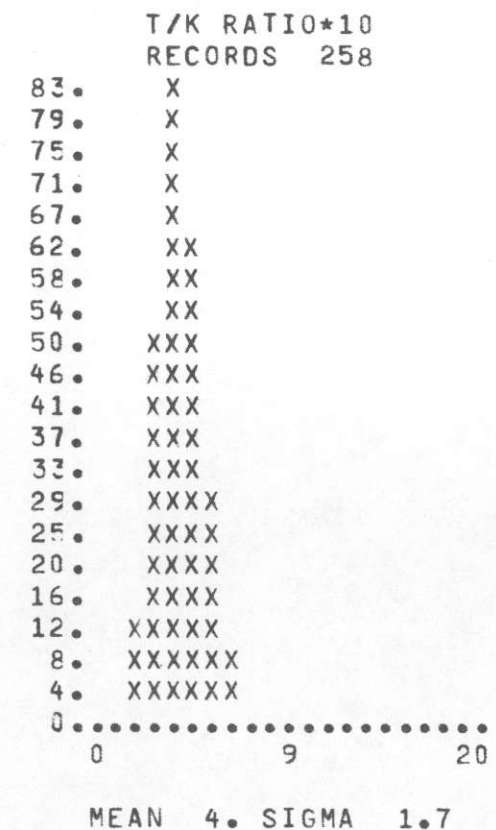
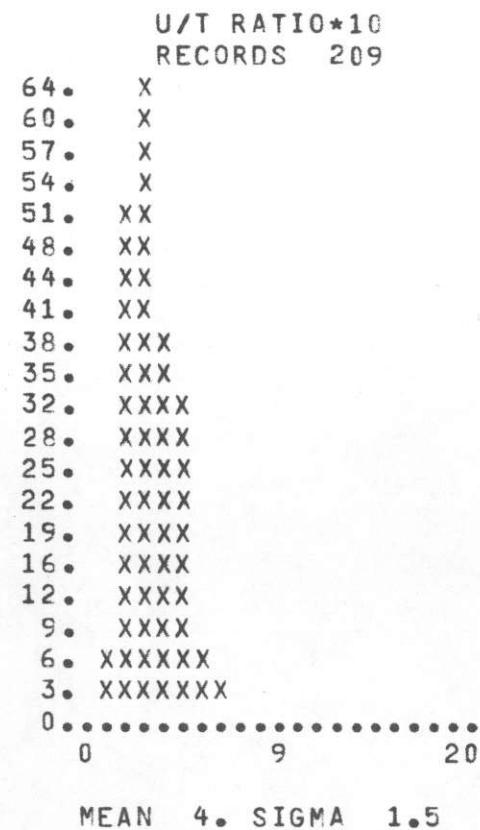
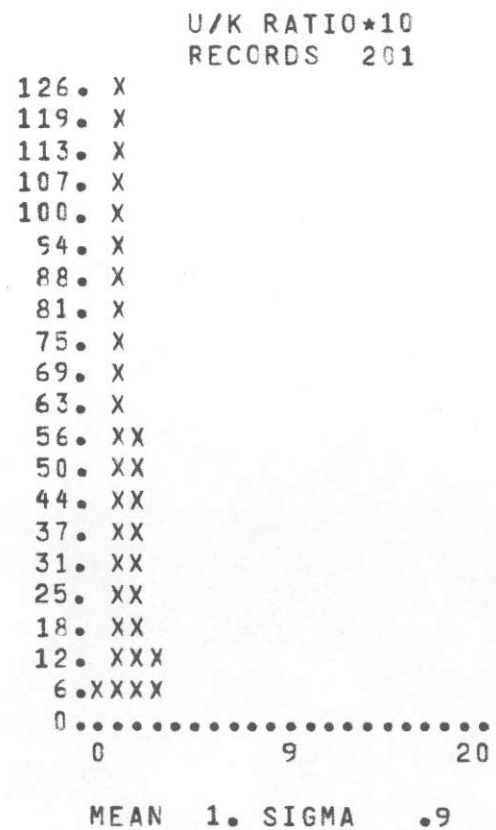
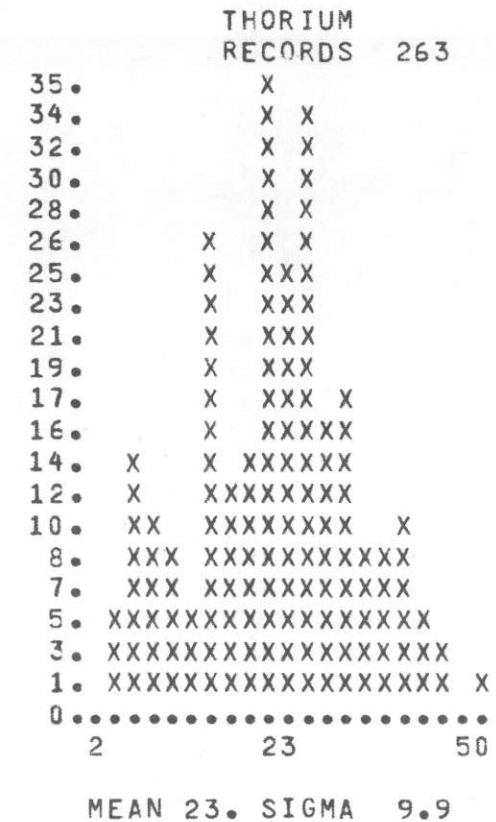
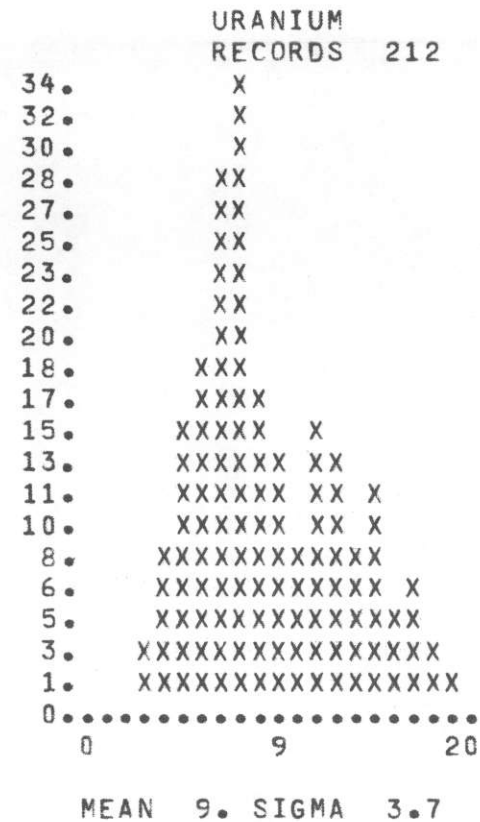
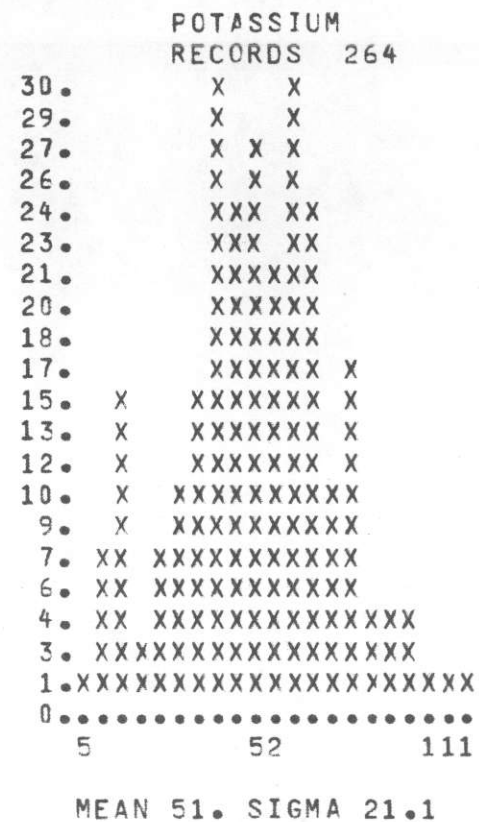
MEAN 4. SIGMA 1.5



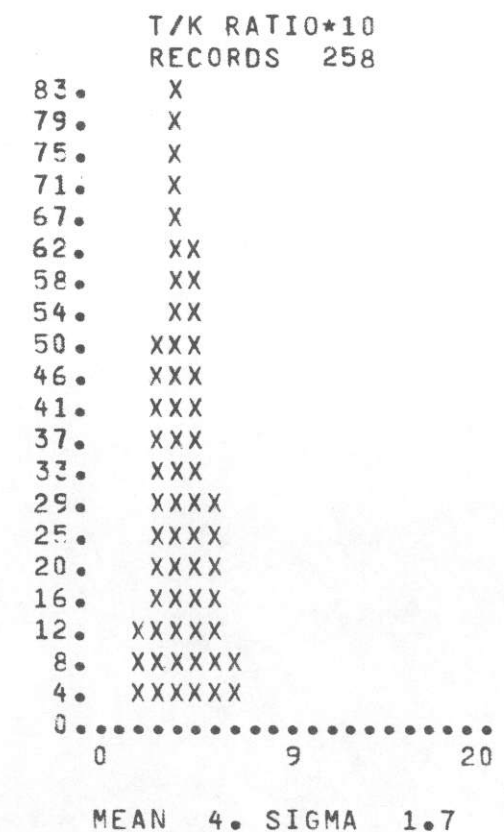
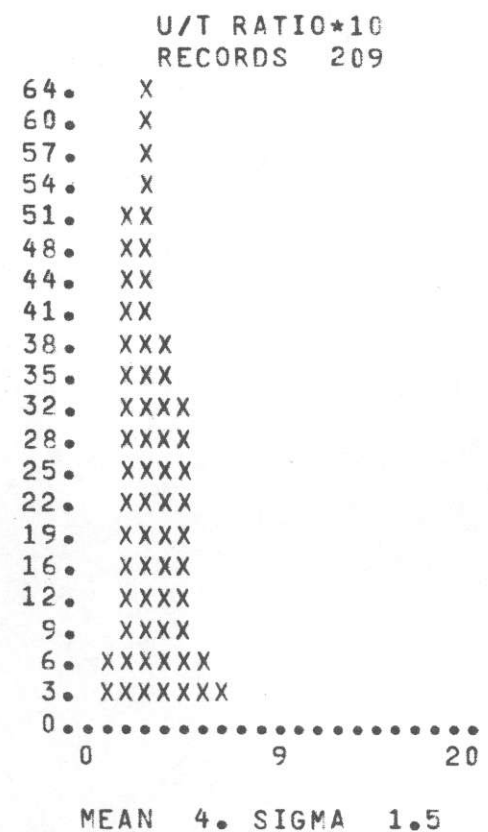
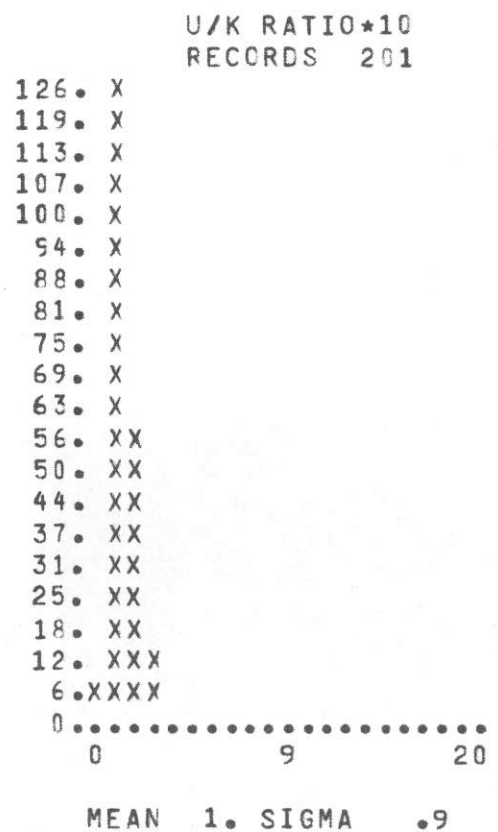
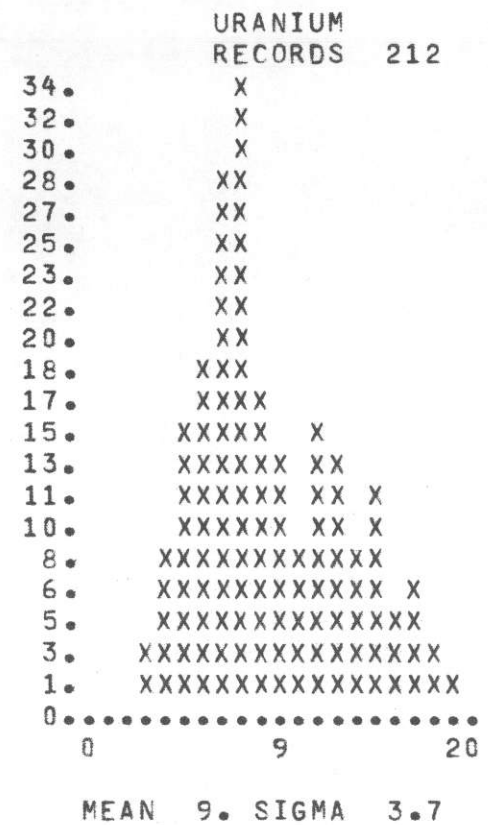
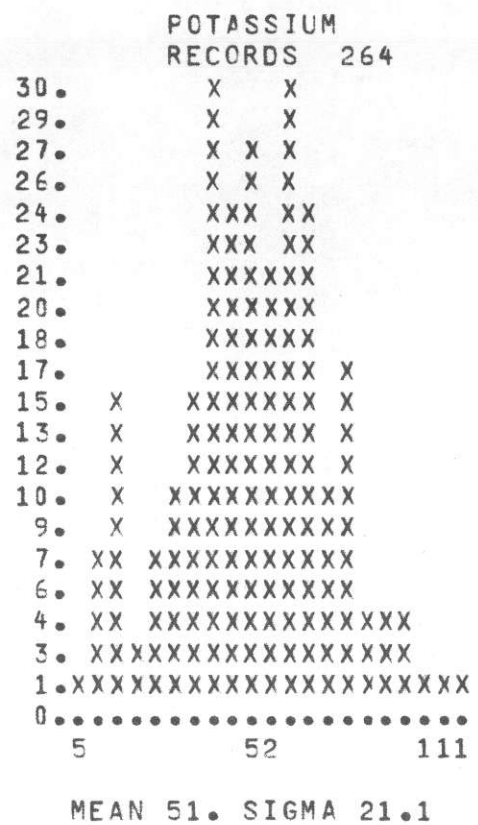
MEAN 4. SIGMA 1.7



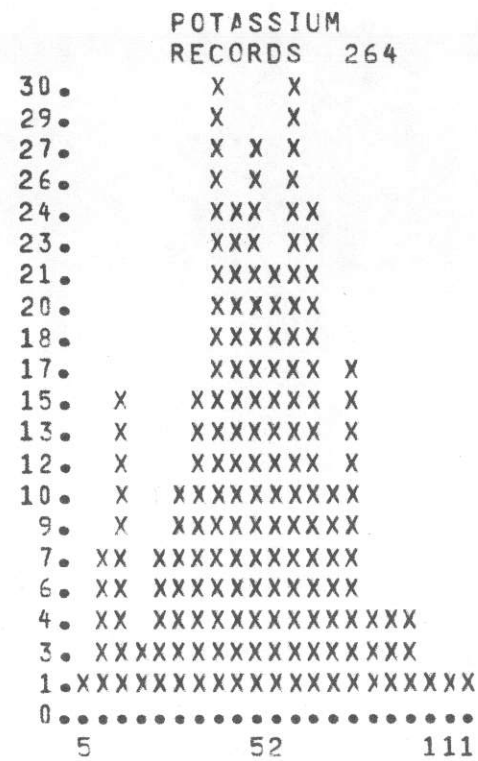
GEOLOGIC UNIT WATER



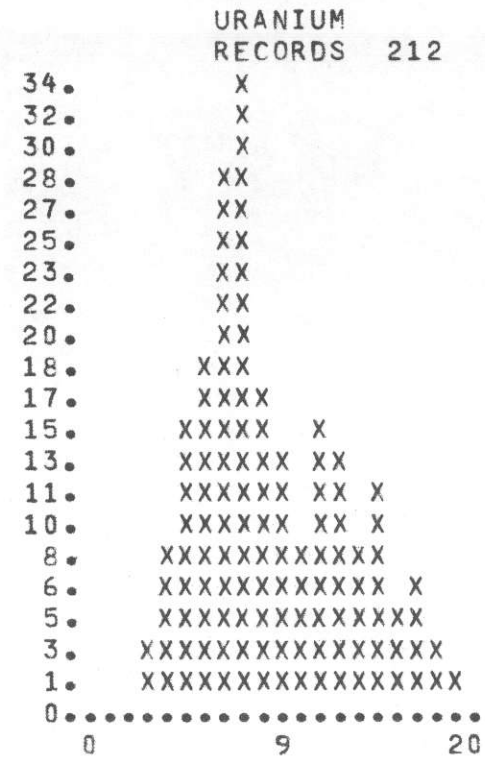
GEOLOGIC UNIT WATER



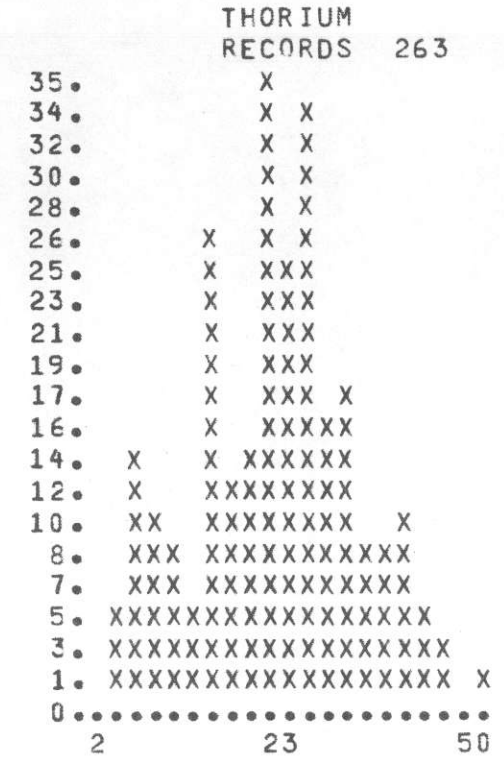
GEOLOGIC UNIT WATER



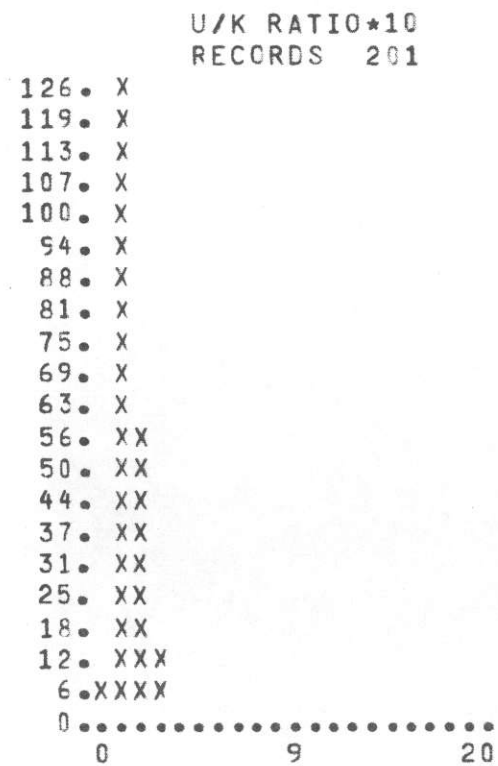
MEAN 51. SIGMA 21.1



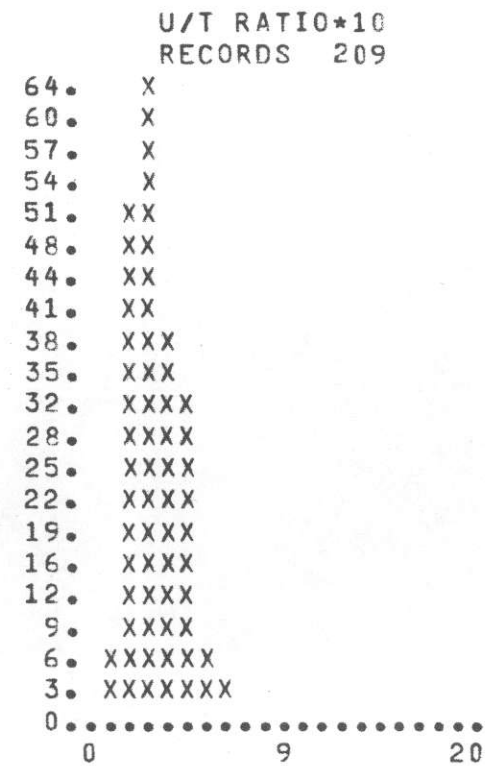
MEAN 9. SIGMA 3.7



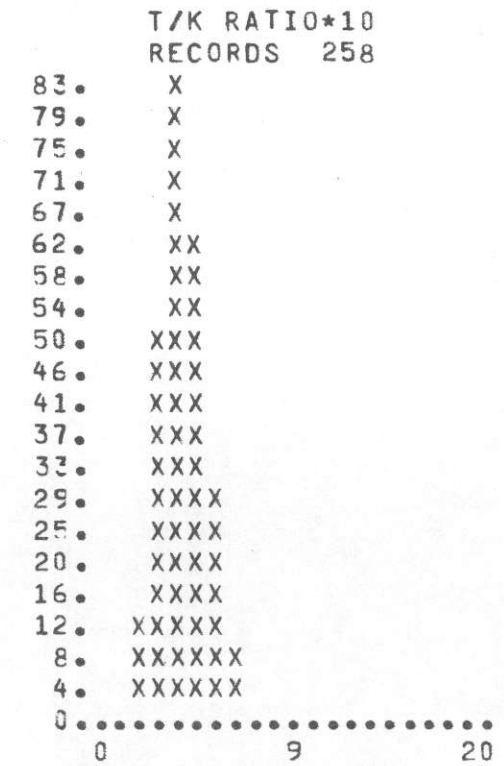
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9



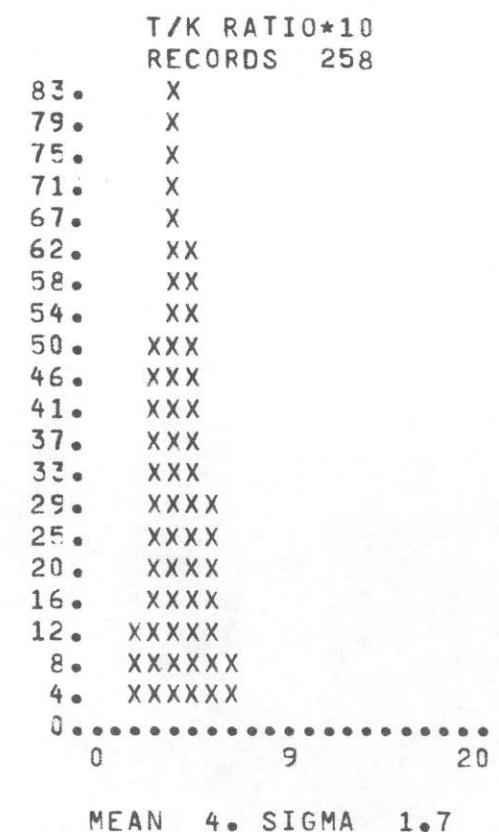
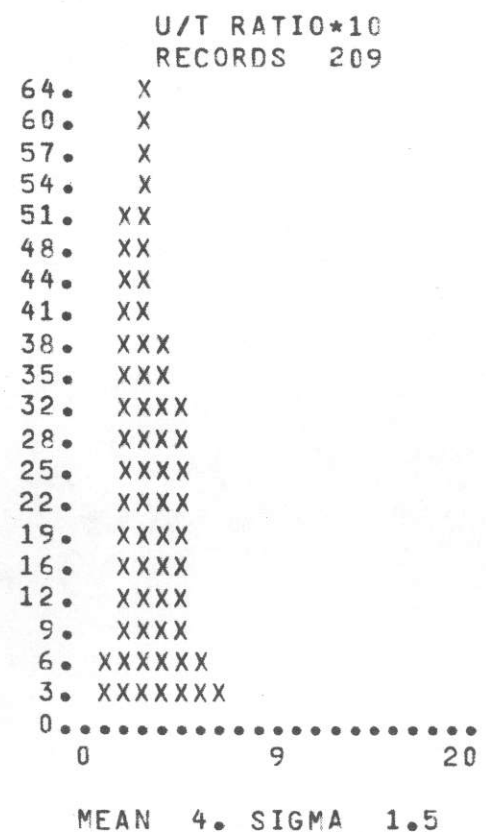
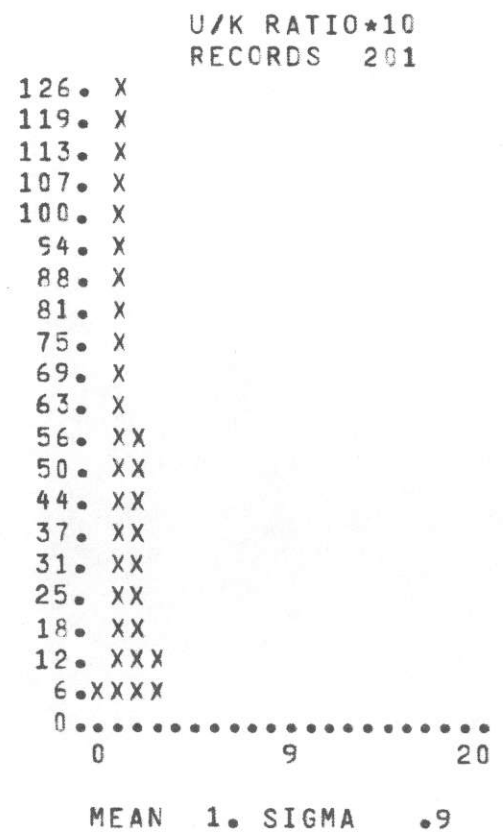
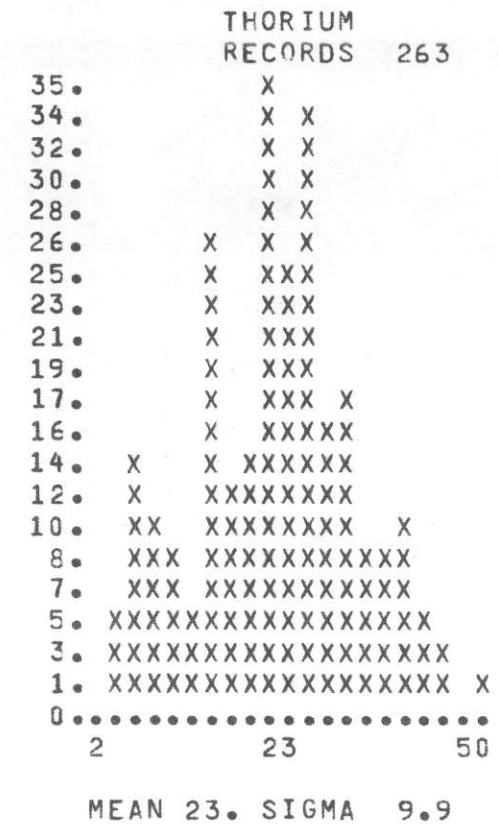
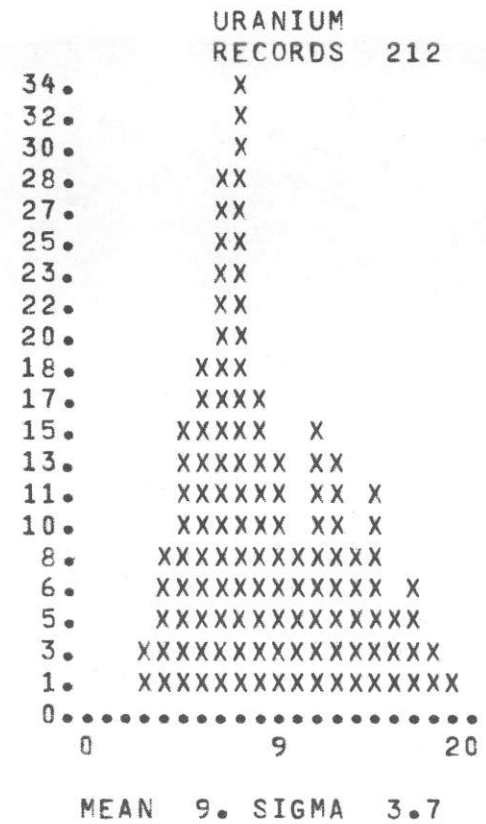
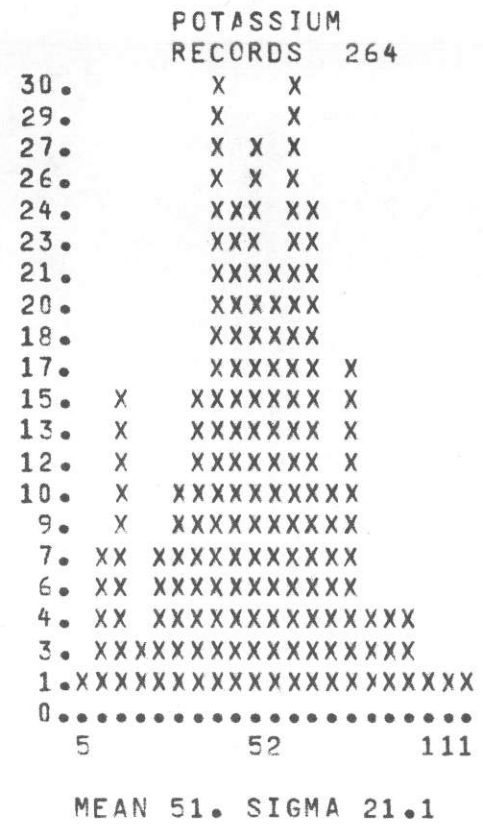
MEAN 4. SIGMA 1.5



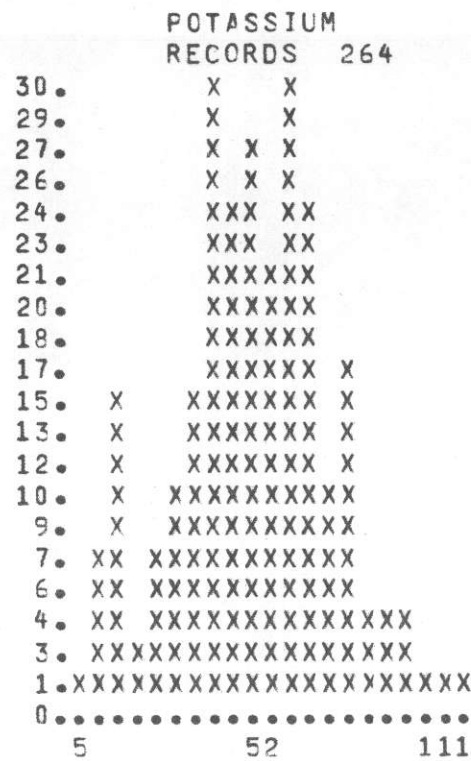
MEAN 4. SIGMA 1.7



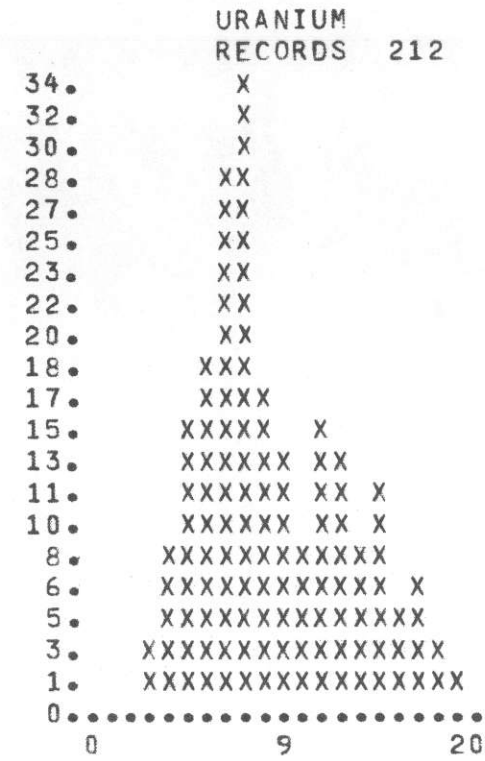
GEOLOGIC UNIT WATER



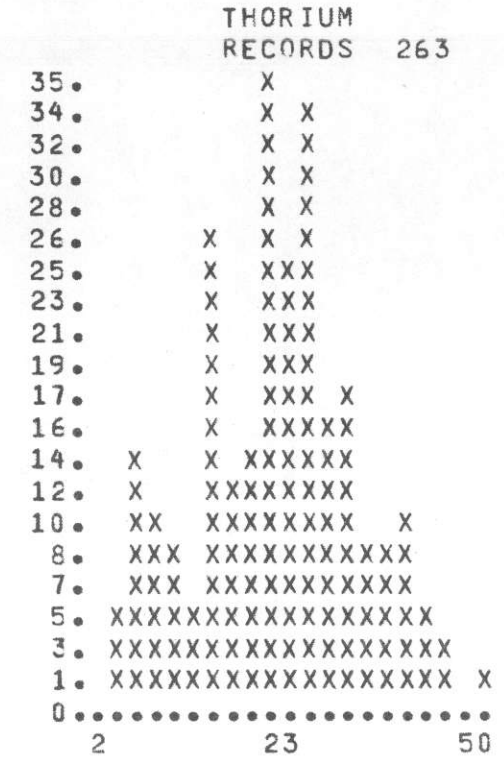
GEOLOGIC UNIT WATER



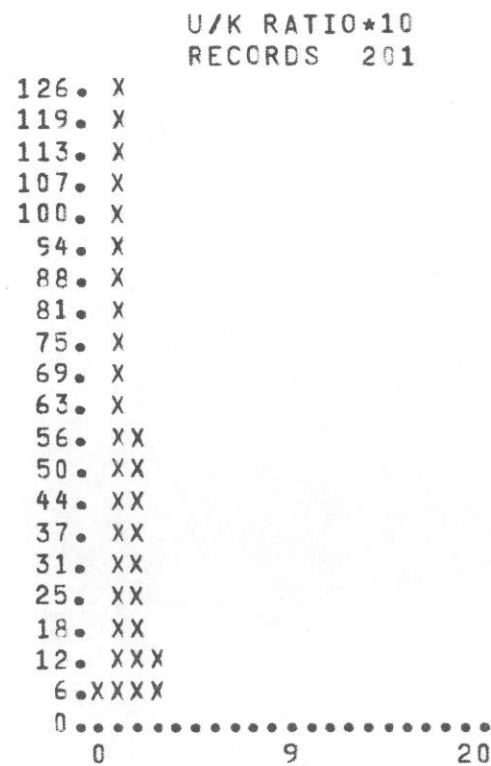
MEAN 51. SIGMA 21.1



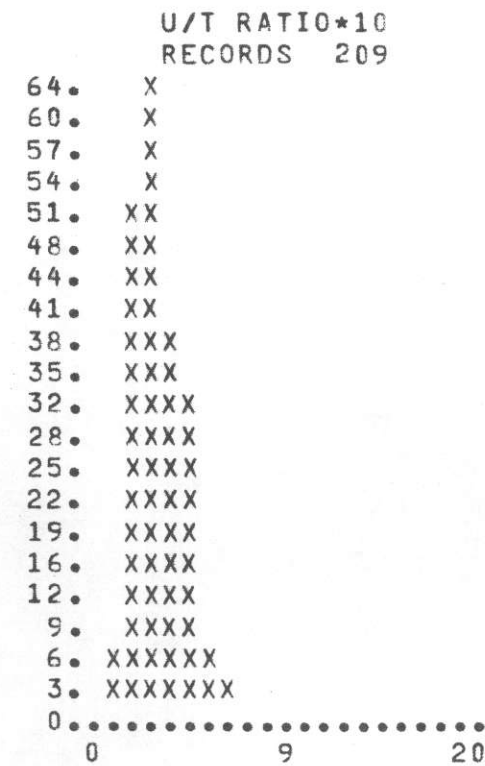
MEAN 9. SIGMA 3.7



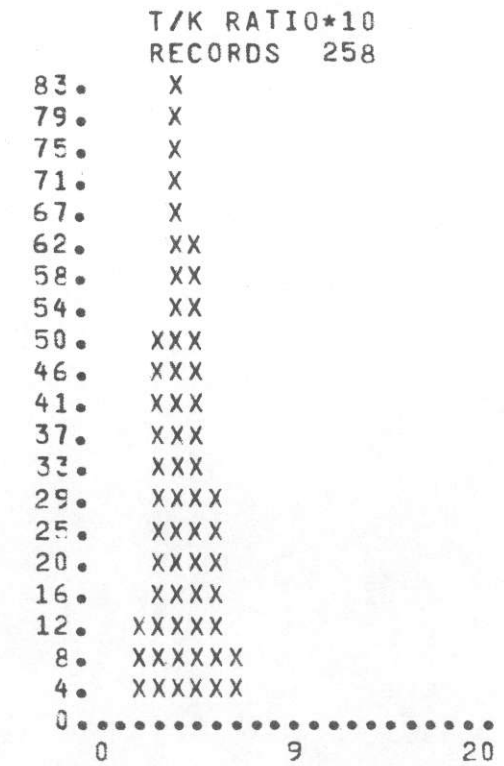
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9

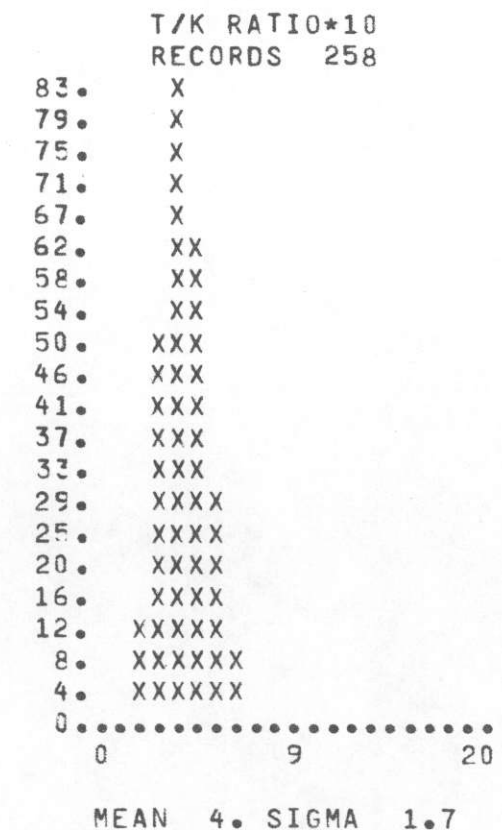
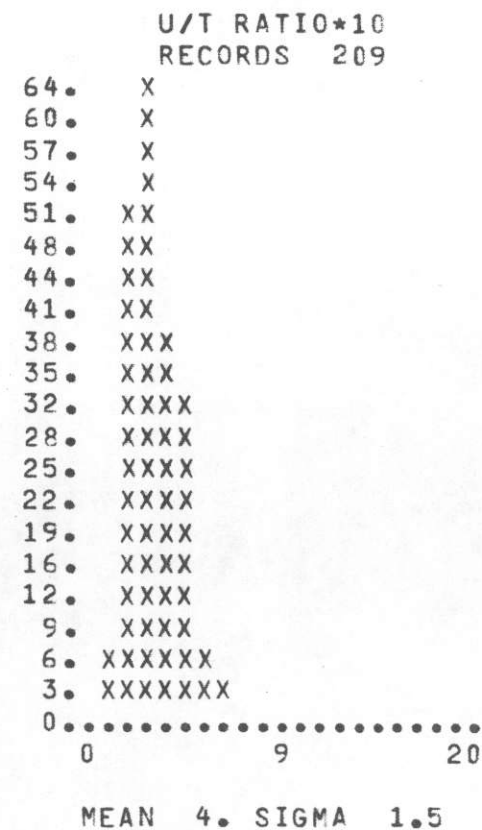
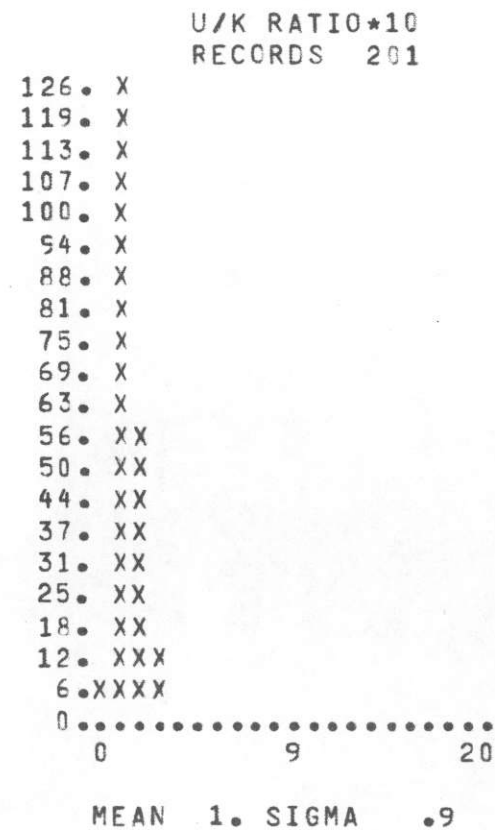
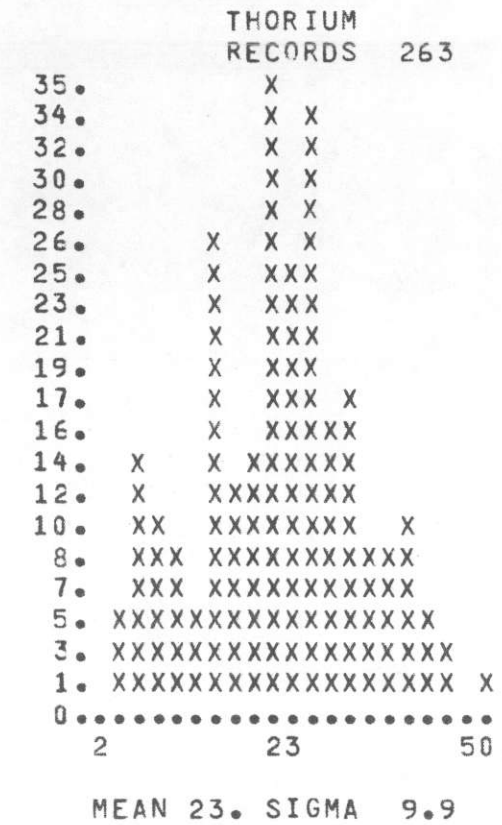
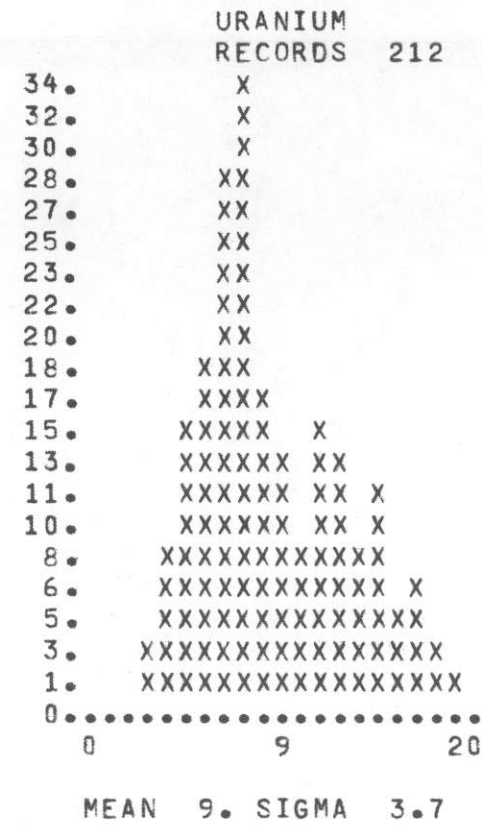
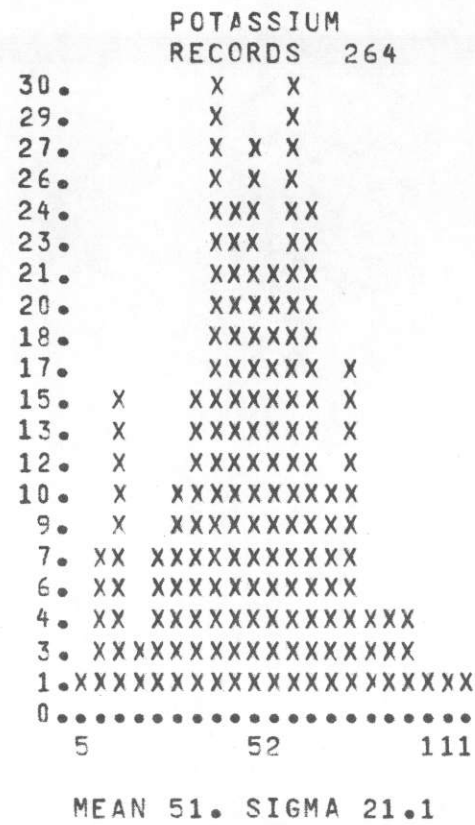


MEAN 4. SIGMA 1.5



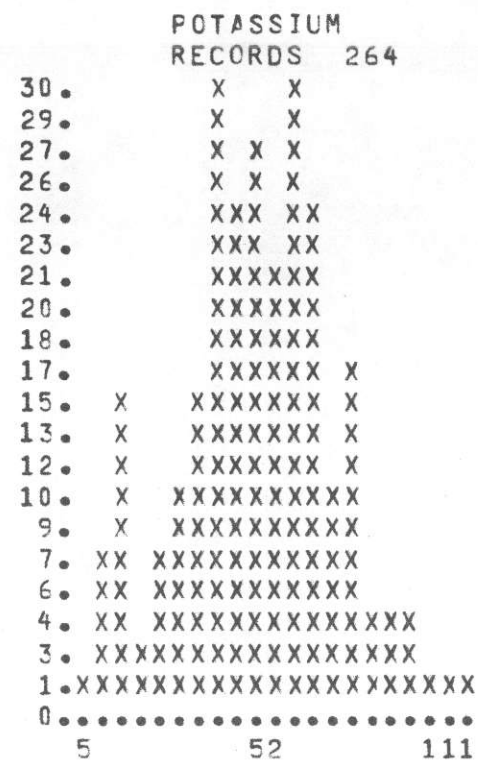
MEAN 4. SIGMA 1.7

GEOLOGIC UNIT WATER

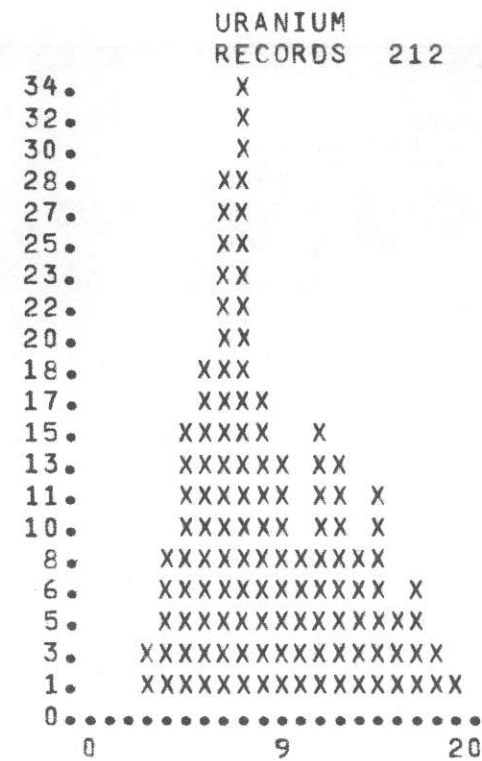




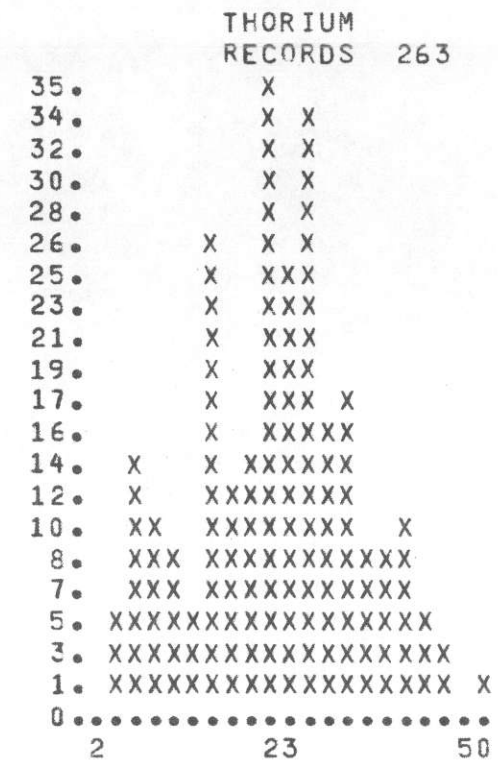
GEOLOGIC UNIT WATER



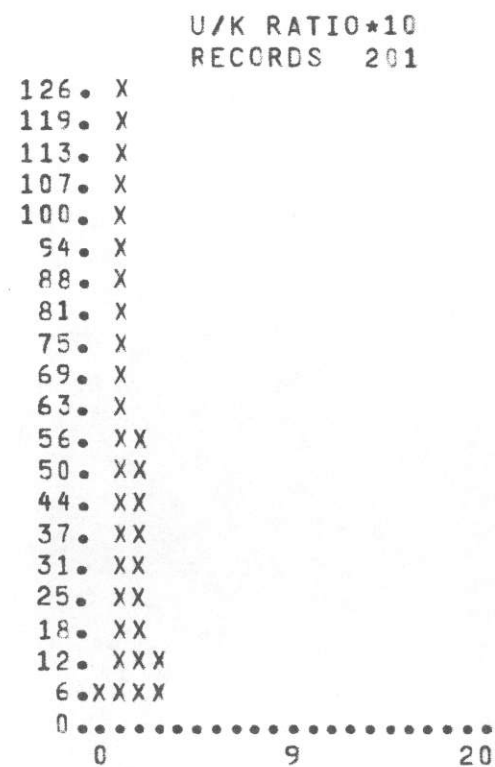
MEAN 51. SIGMA 21.1



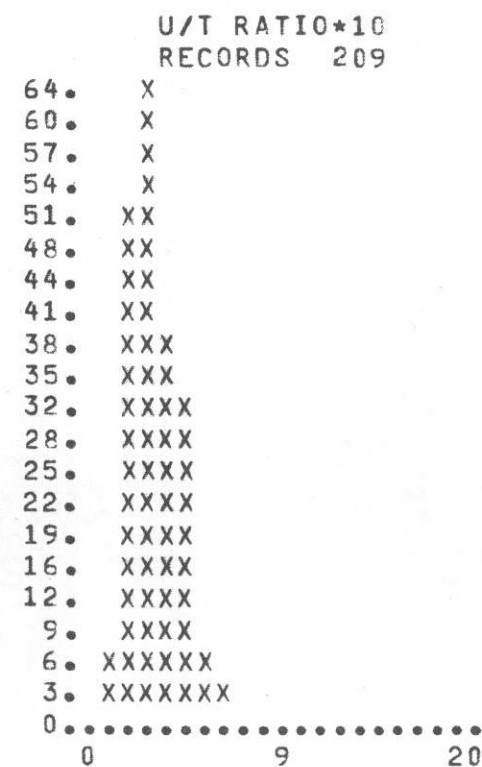
MEAN 9. SIGMA 3.7



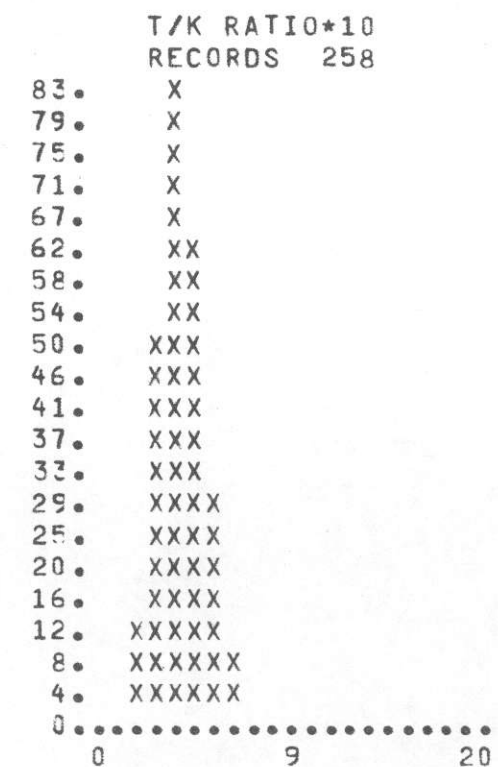
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9

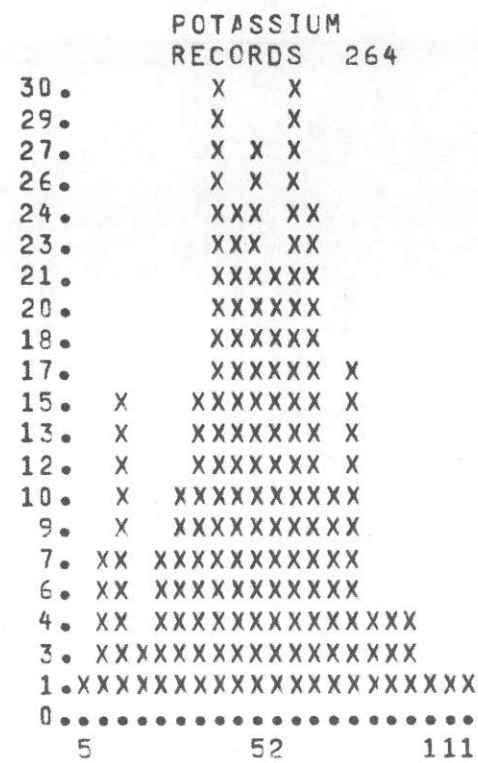


MEAN 4. SIGMA 1.5

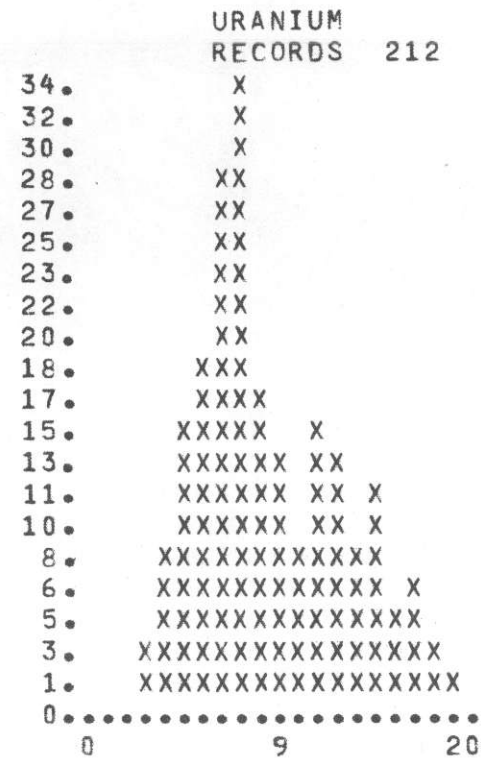


MEAN 4. SIGMA 1.7

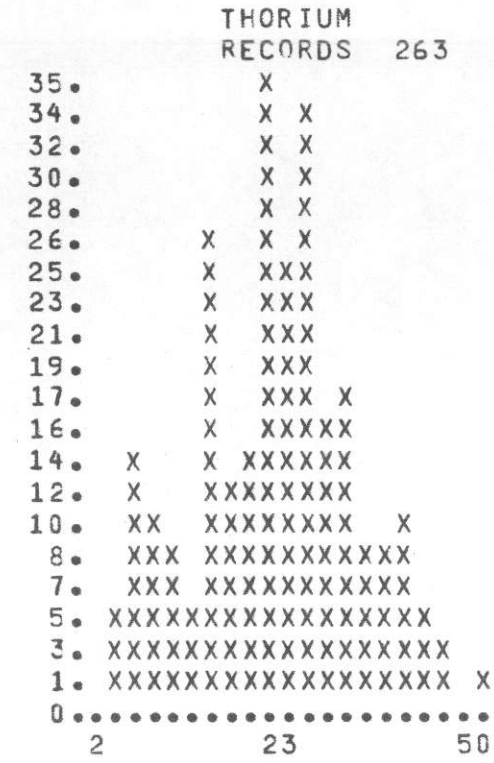
GEOLOGIC UNIT WATER



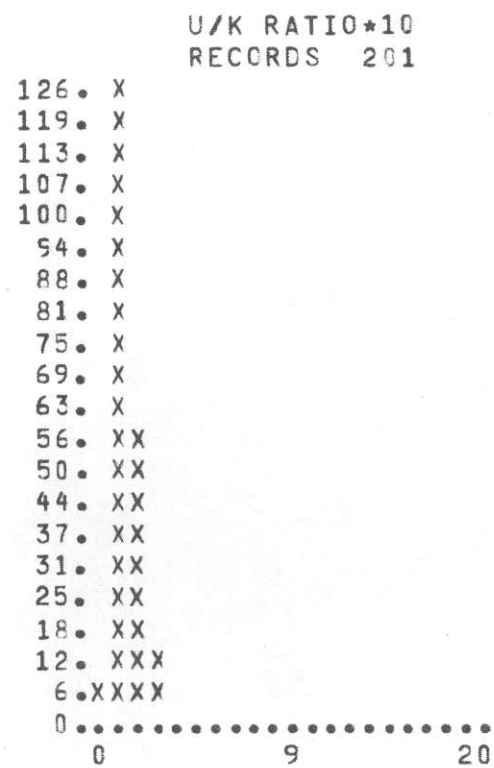
MEAN 51. SIGMA 21.1



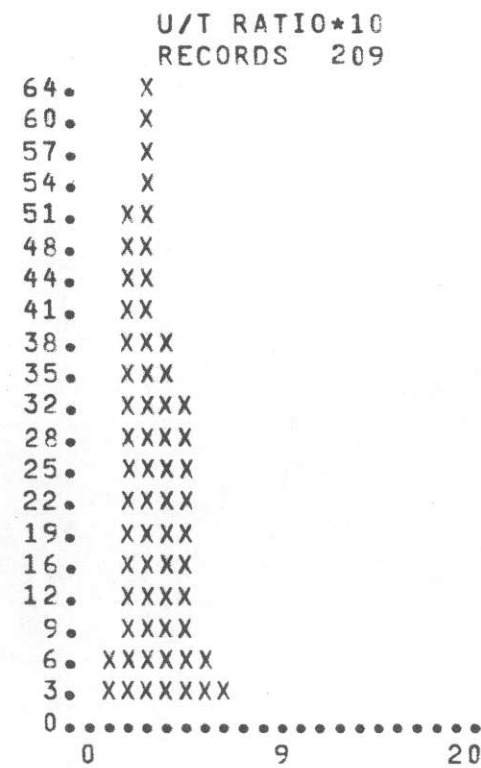
MEAN 9. SIGMA 3.7



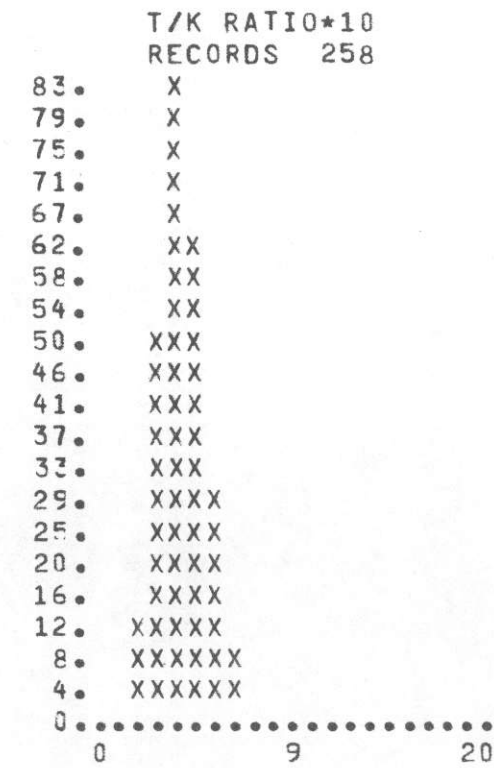
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9

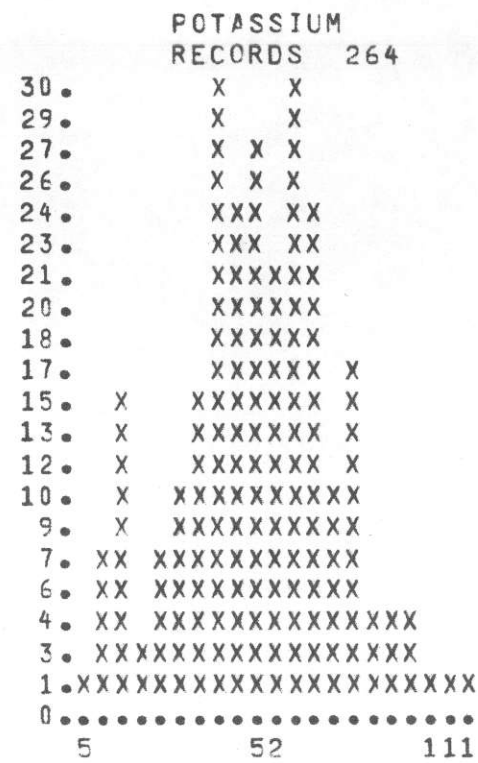


MEAN 4. SIGMA 1.5

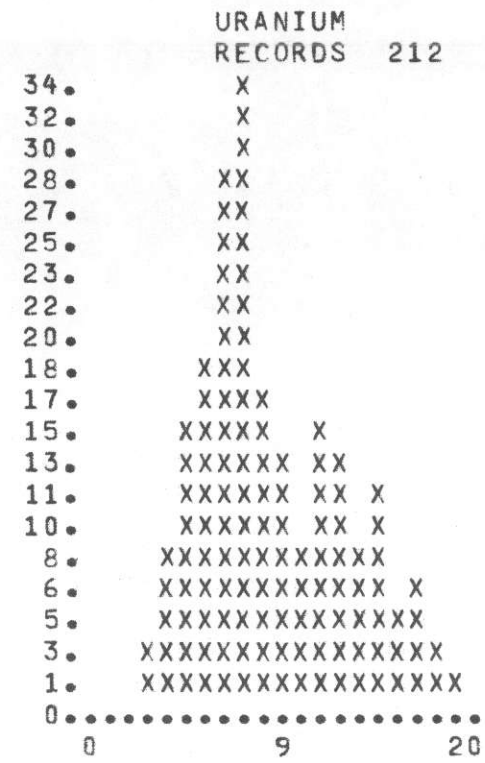


MEAN 4. SIGMA 1.7

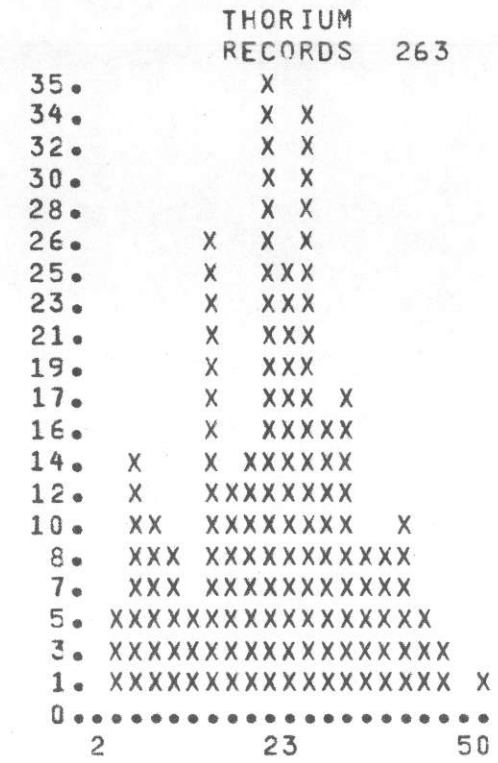
GEOLOGIC UNIT WATER



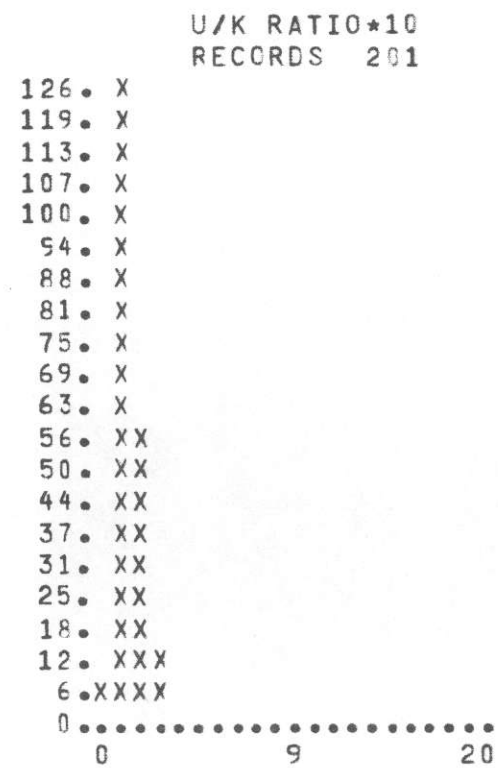
MEAN 51. SIGMA 21.1



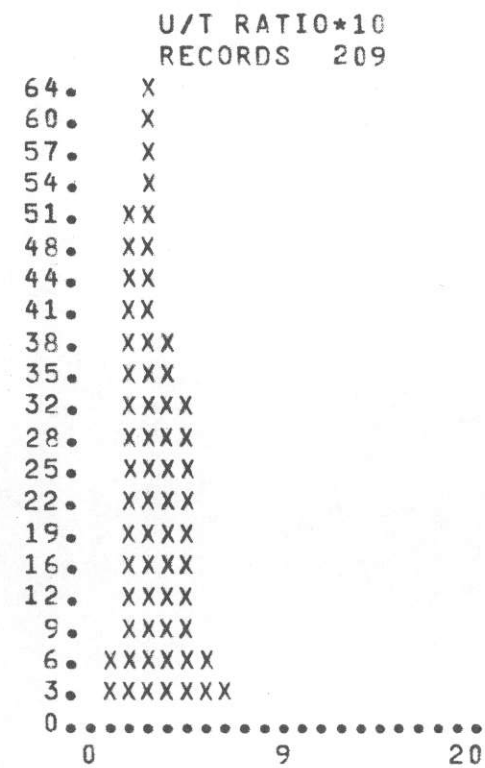
MEAN 9. SIGMA 3.7



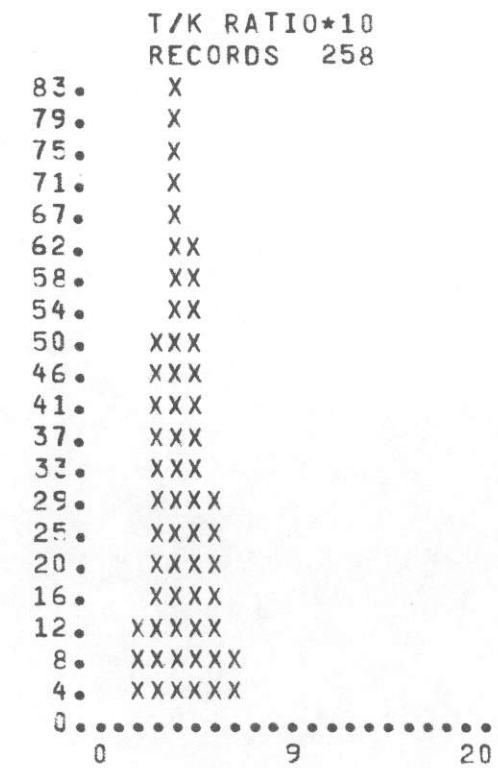
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9



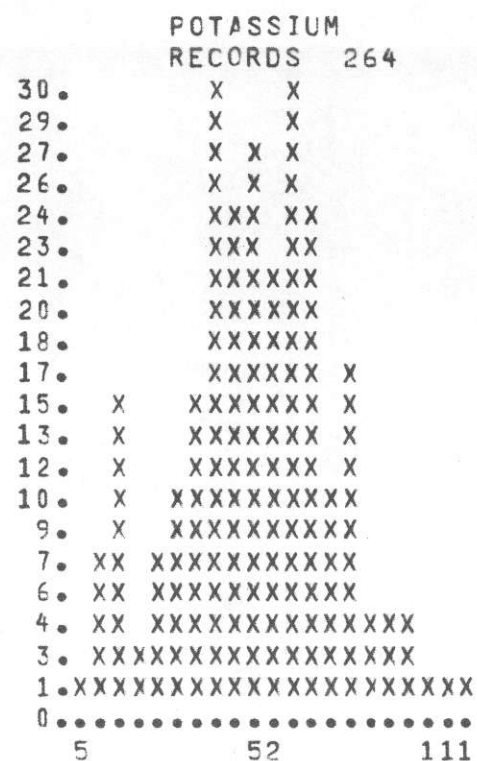
MEAN 4. SIGMA 1.5



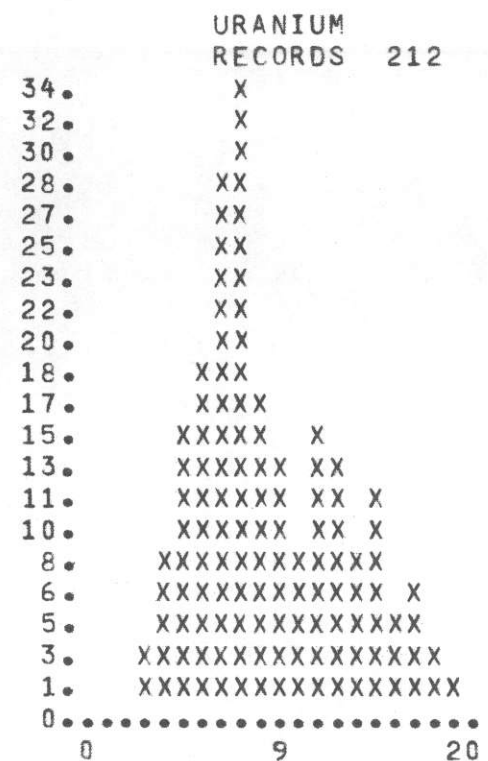
MEAN 4. SIGMA 1.7



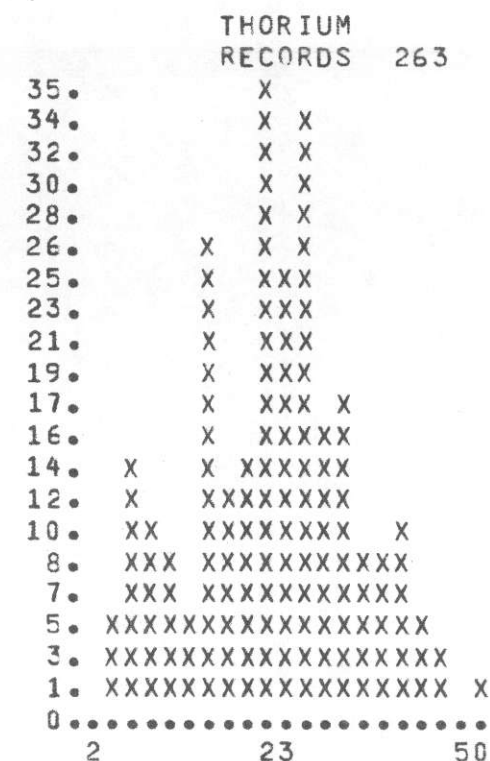
GEOLOGIC UNIT WATER



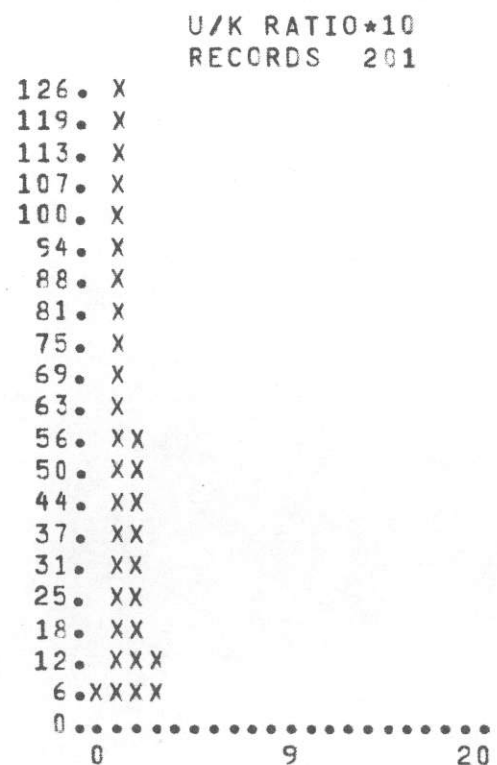
MEAN 51. SIGMA 21.1



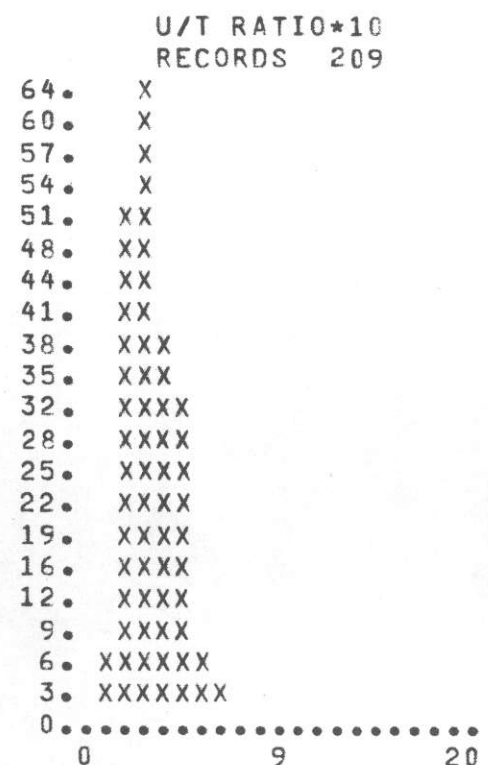
MEAN 9. SIGMA 3.7



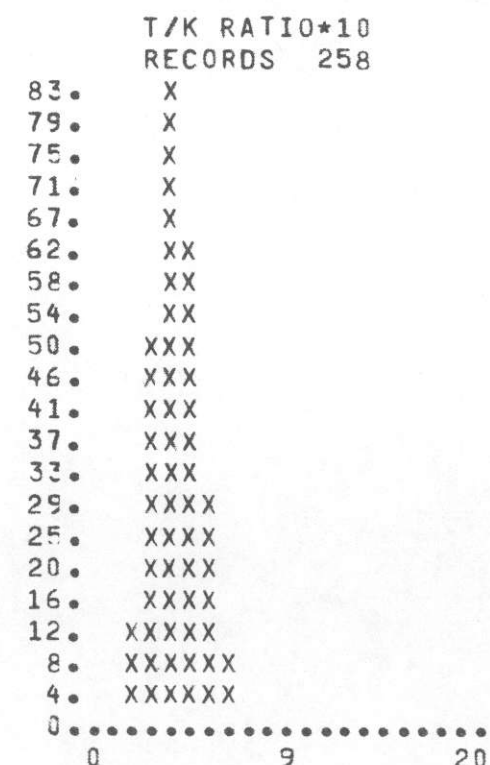
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9

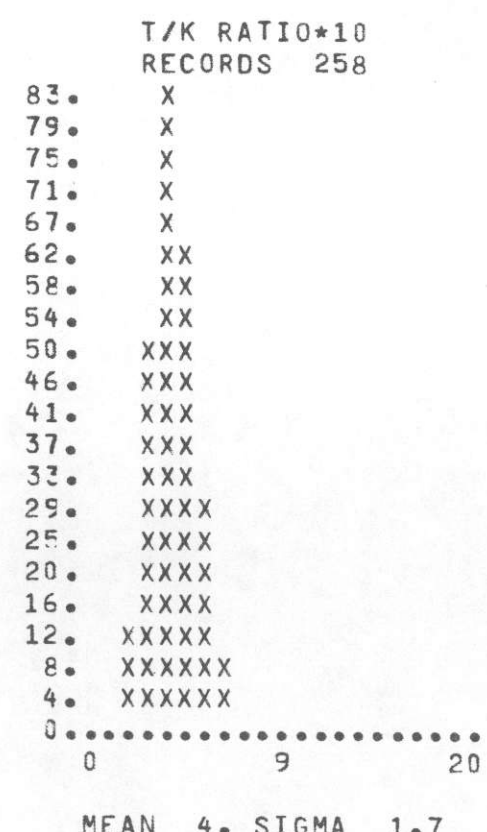
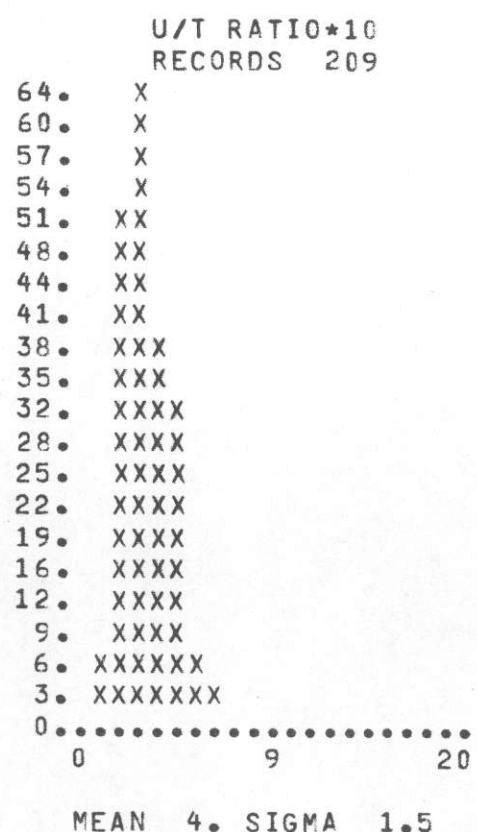
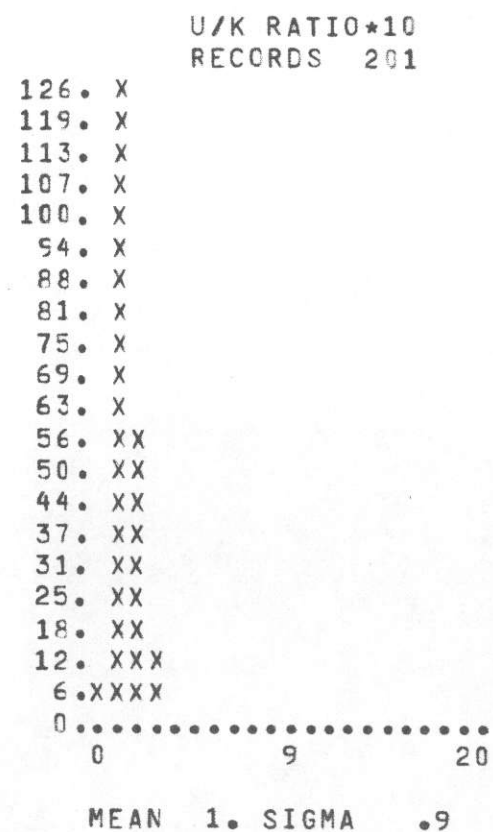
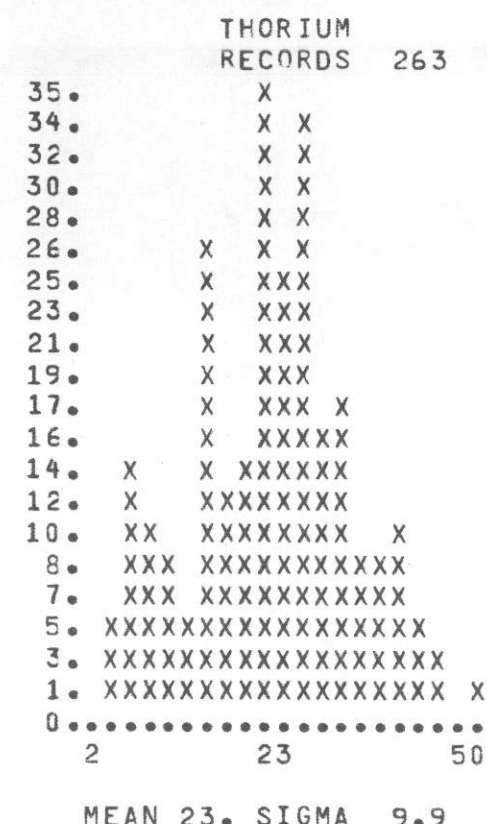
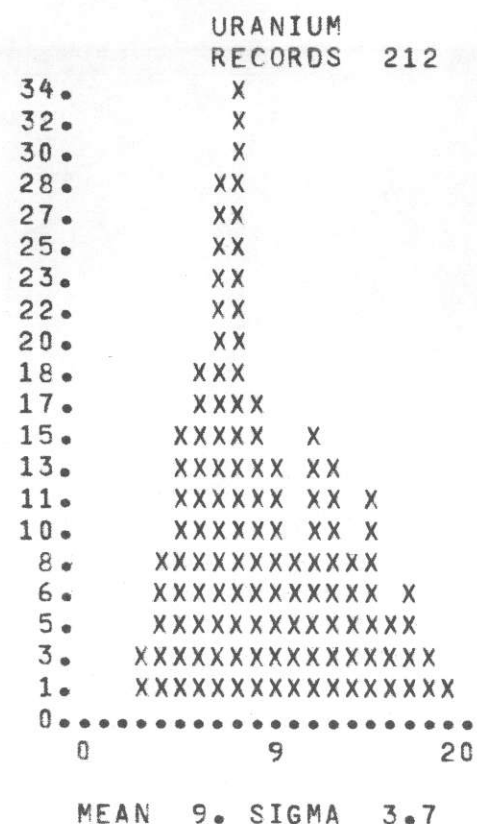
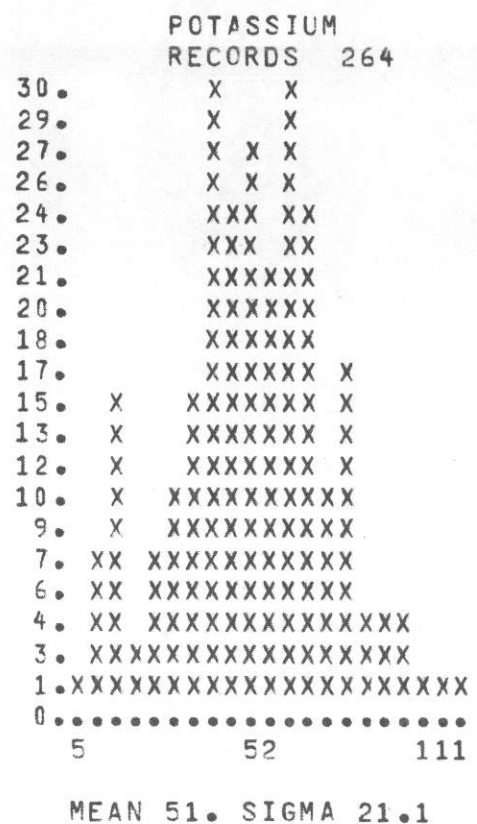


MEAN 4. SIGMA 1.5

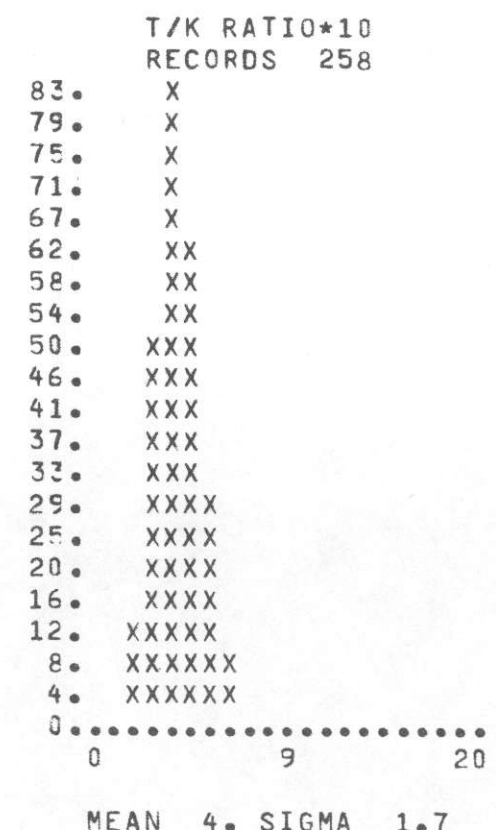
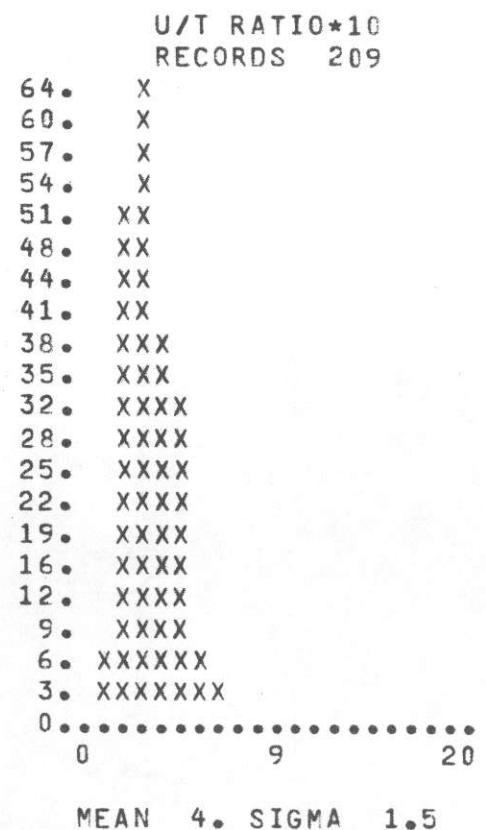
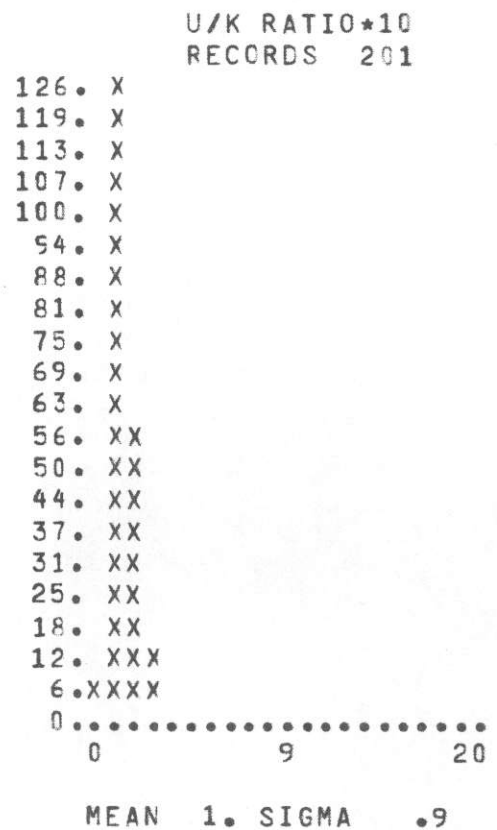
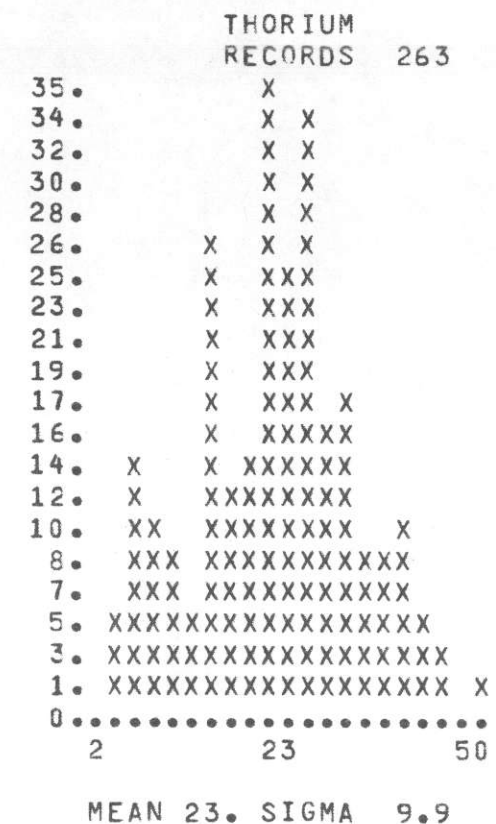
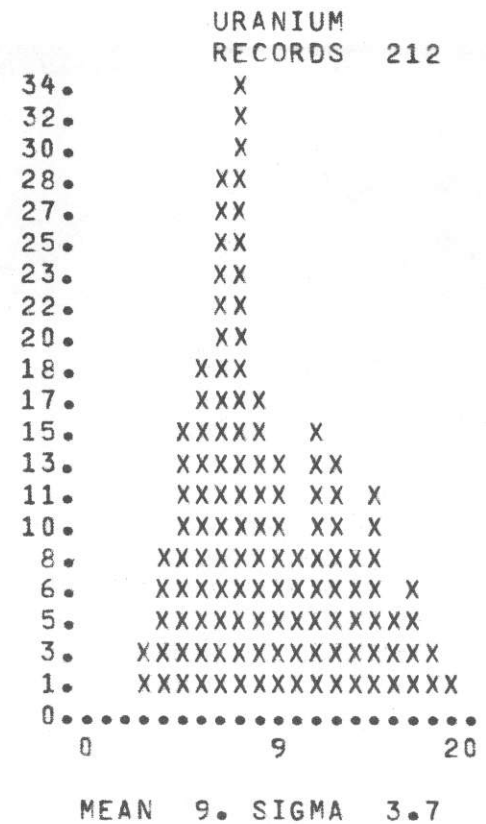
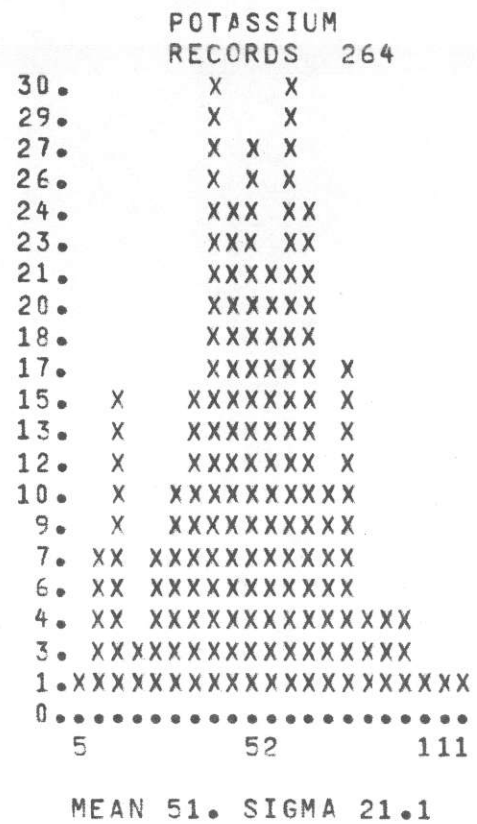


MEAN 4. SIGMA 1.7

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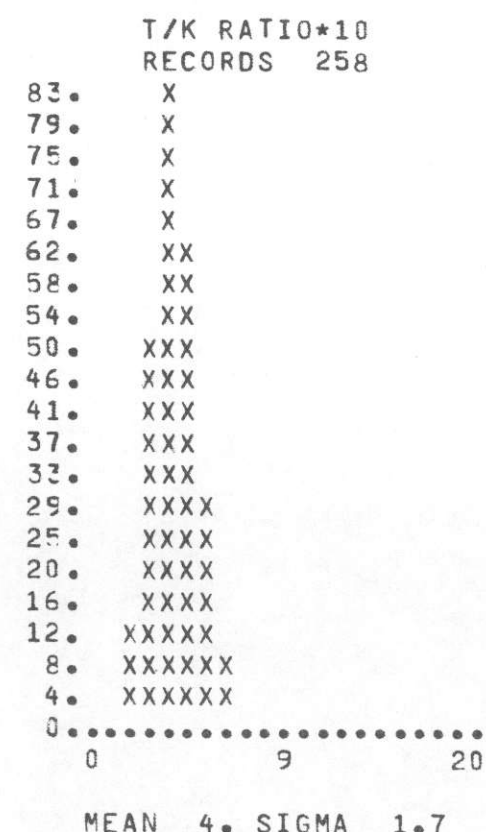
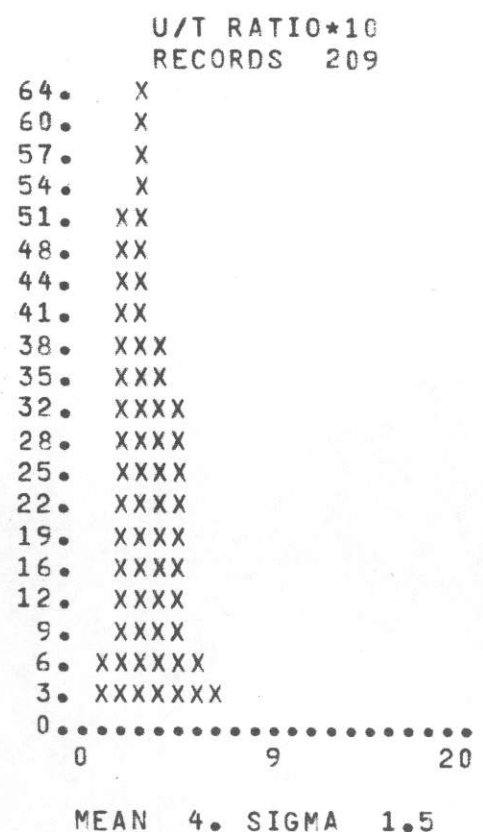
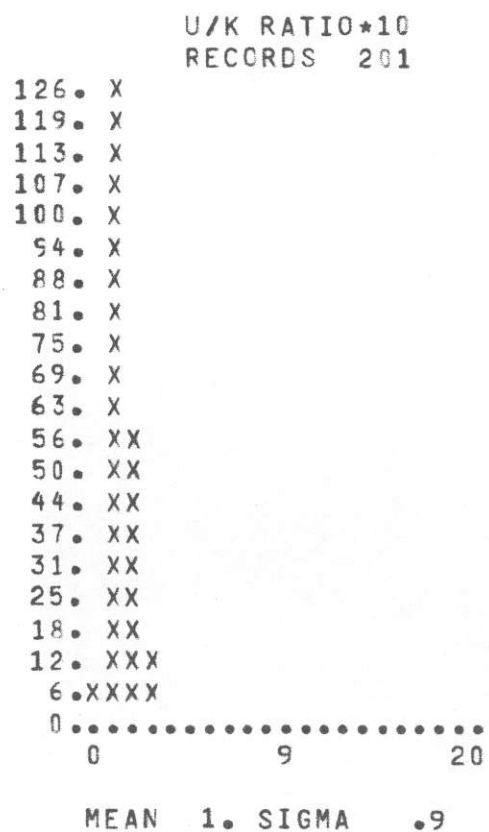
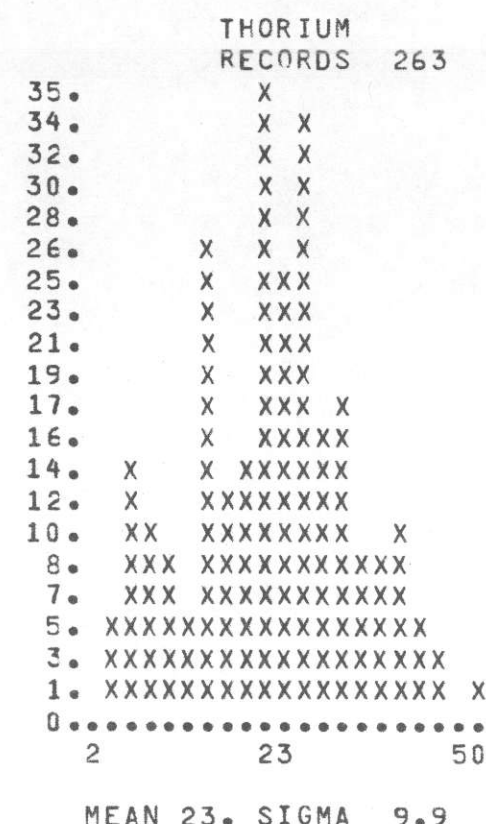
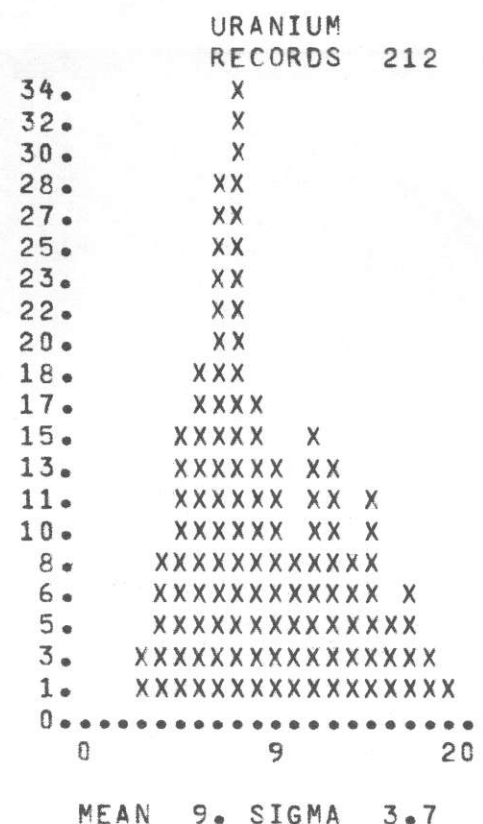
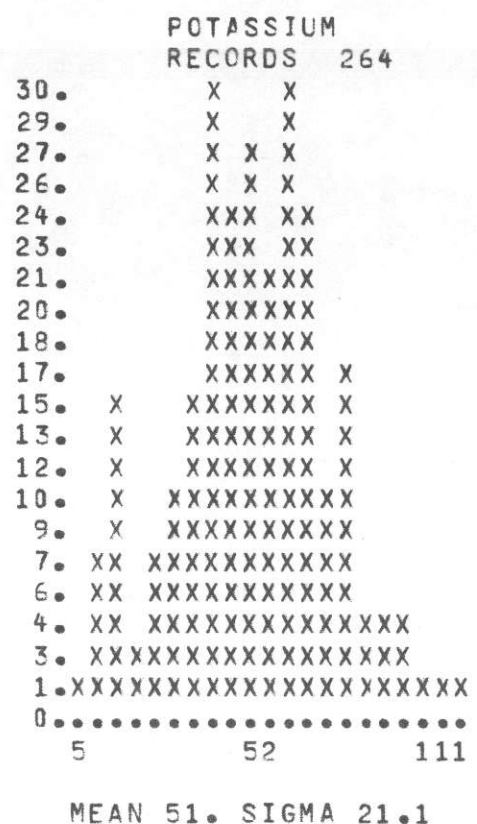


GEOLOGIC UNIT WATER

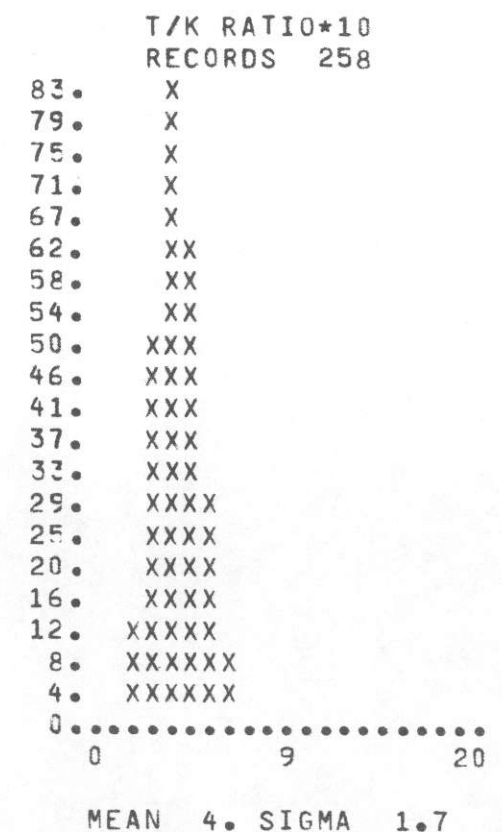
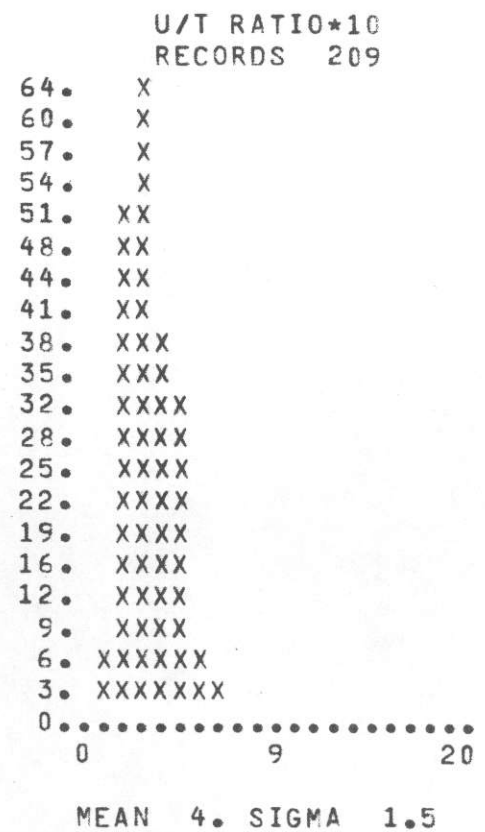
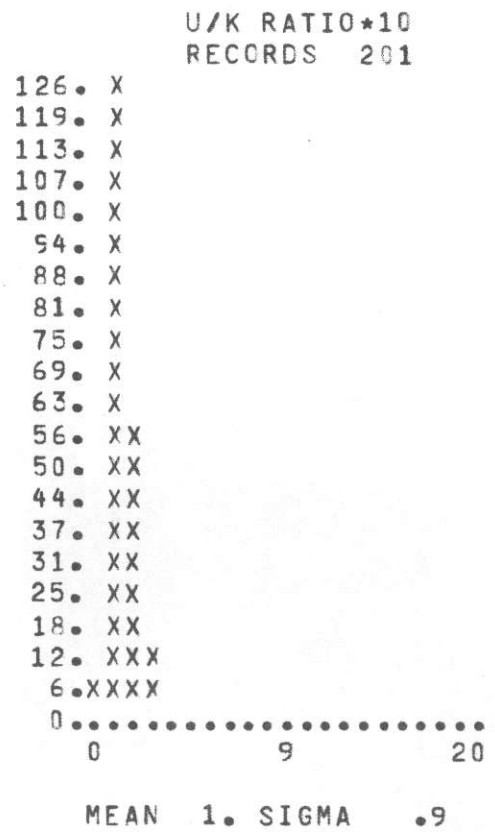
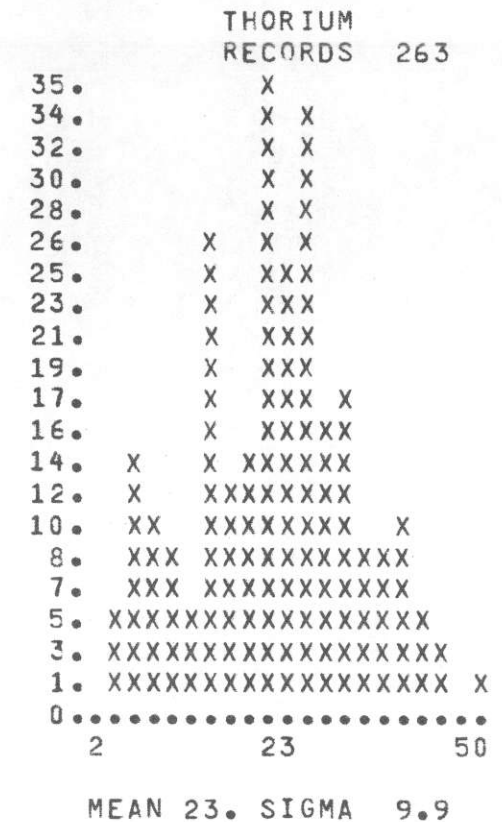
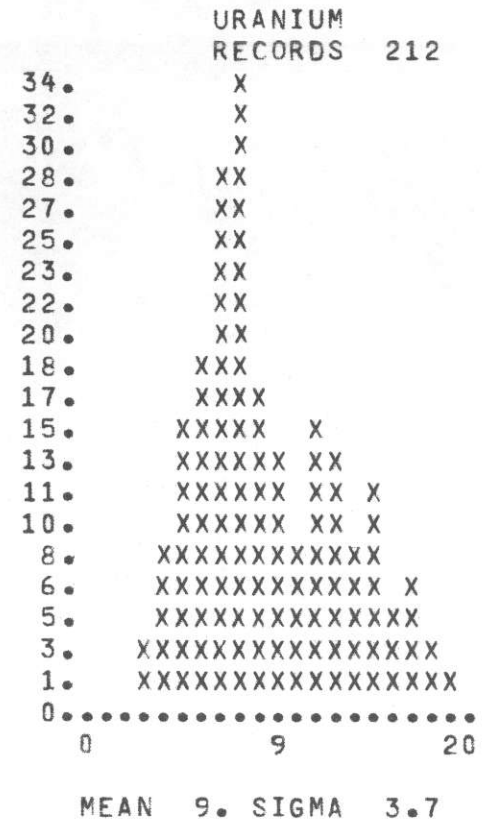
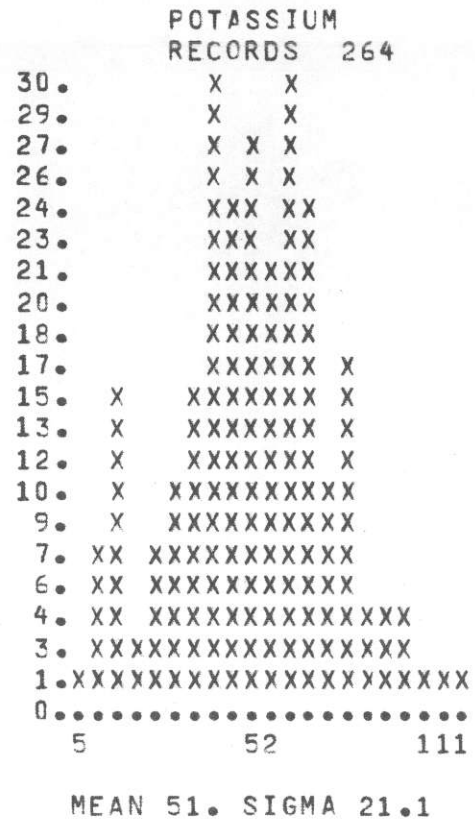




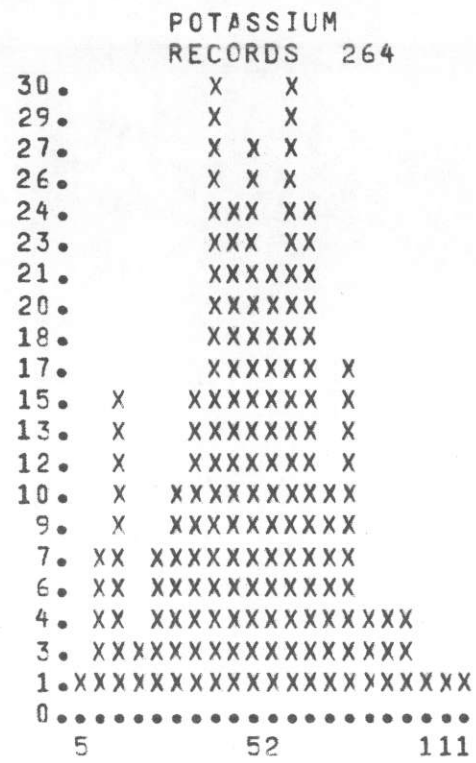
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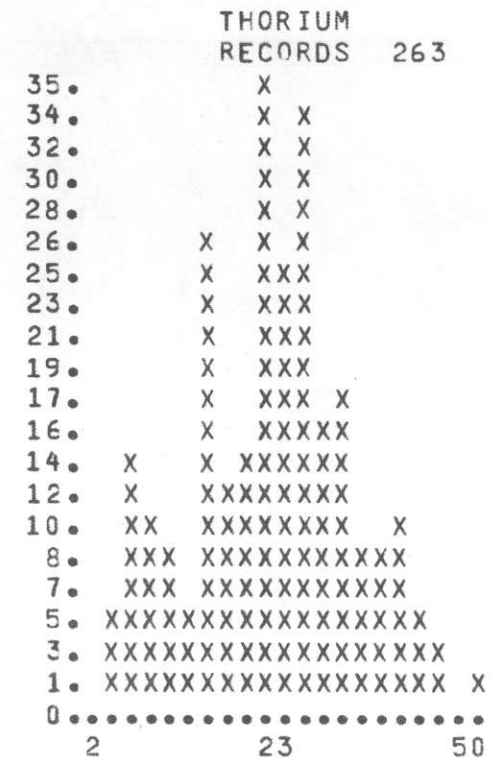
GEOLOGIC UNIT WATER



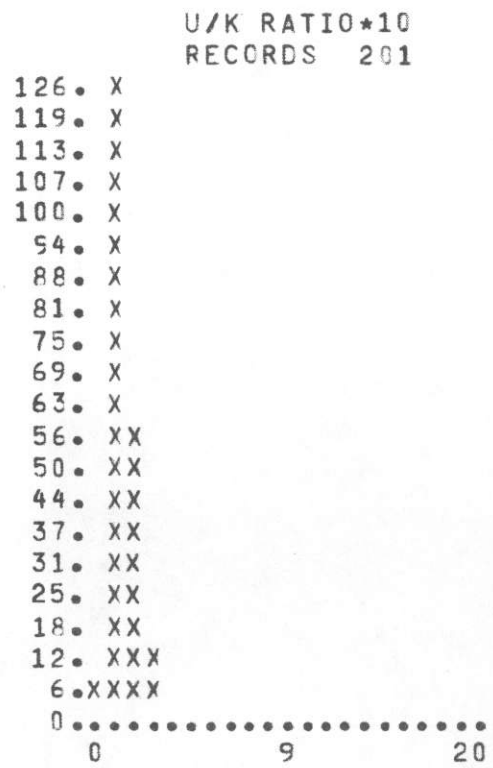
MEAN 51. SIGMA 21.1



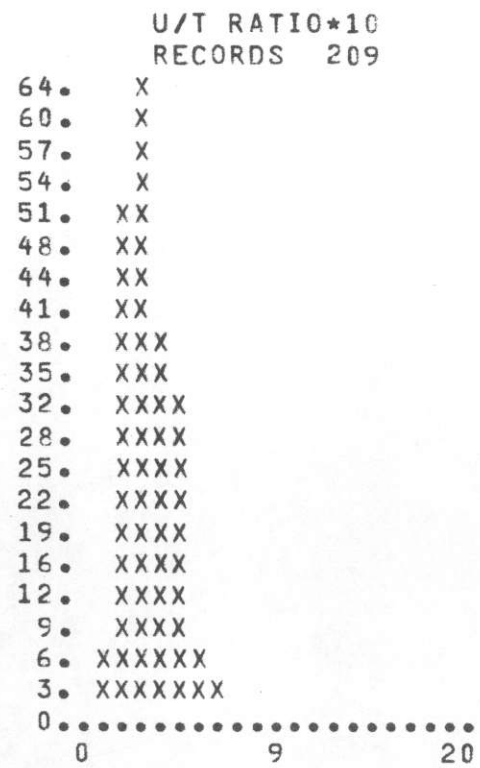
MEAN 9. SIGMA 3.7



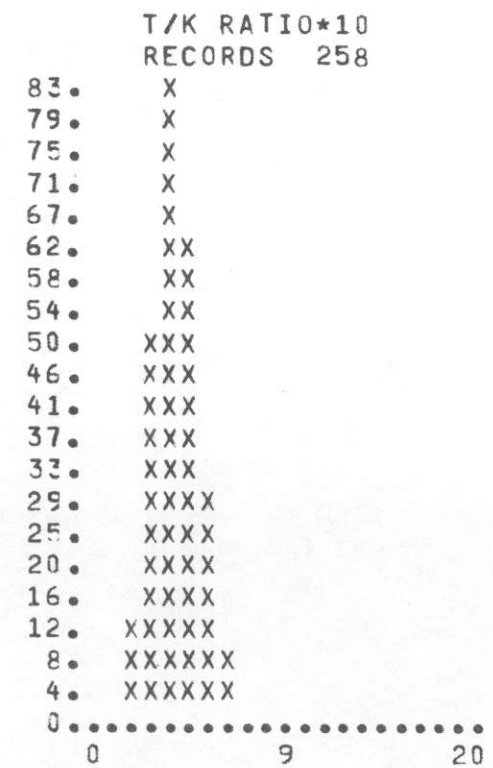
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9



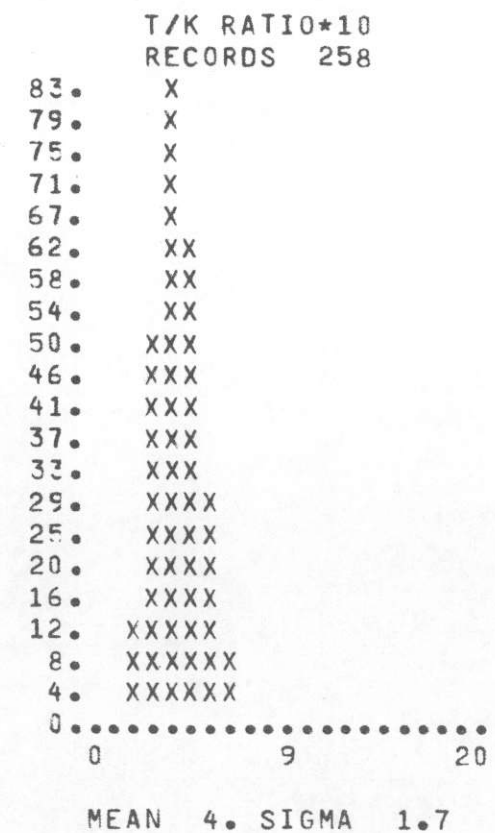
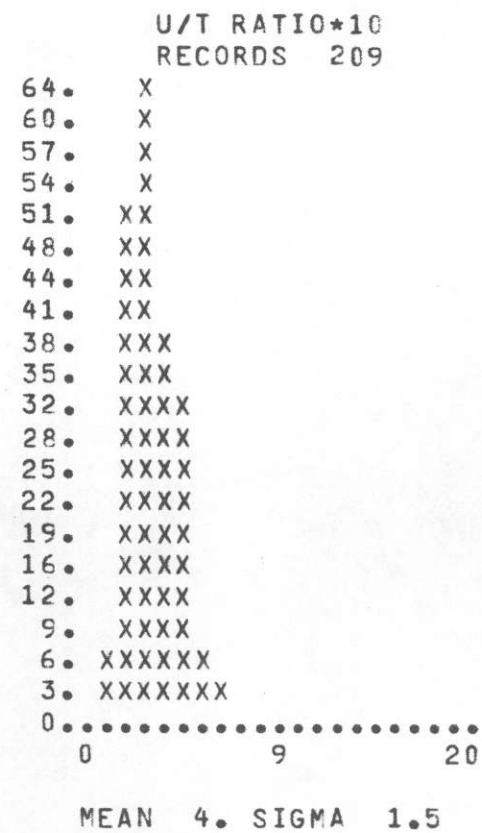
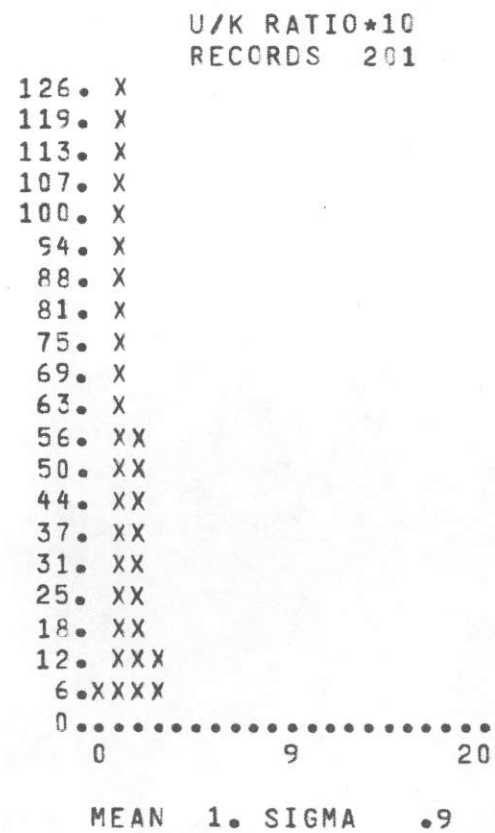
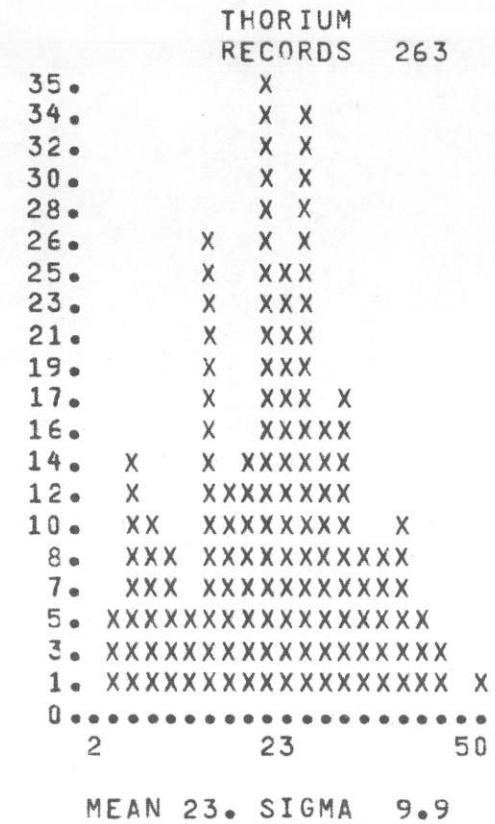
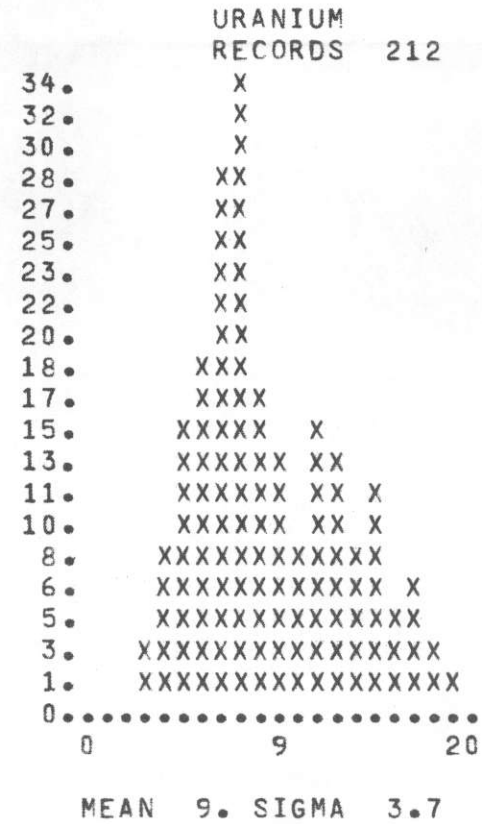
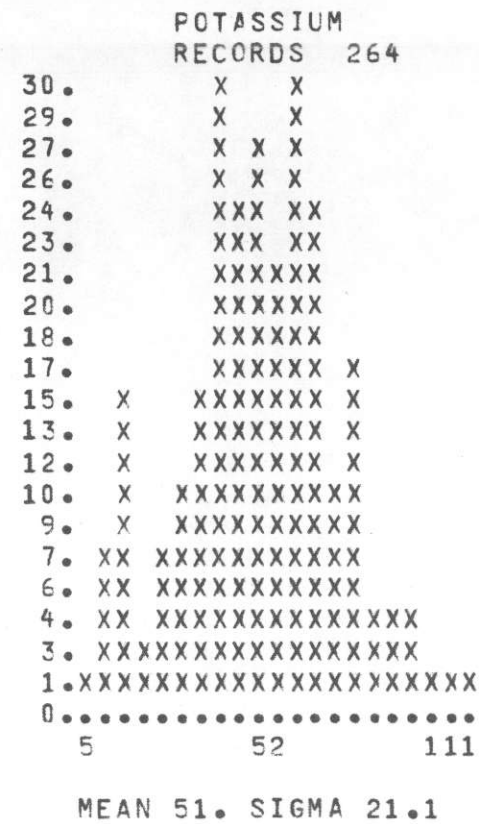
MEAN 4. SIGMA 1.5



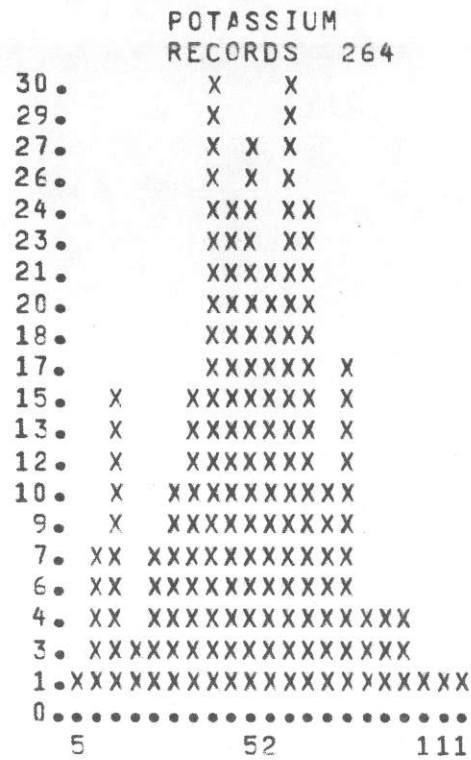
MEAN 4. SIGMA 1.7



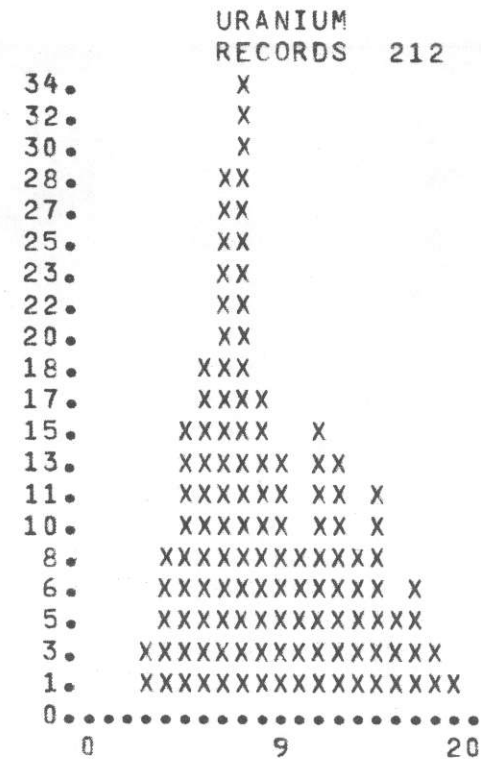
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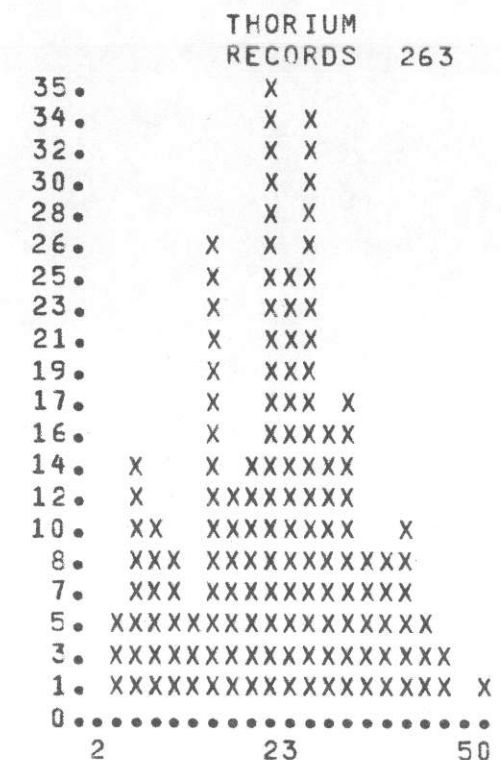
GEOLOGIC UNIT WATER



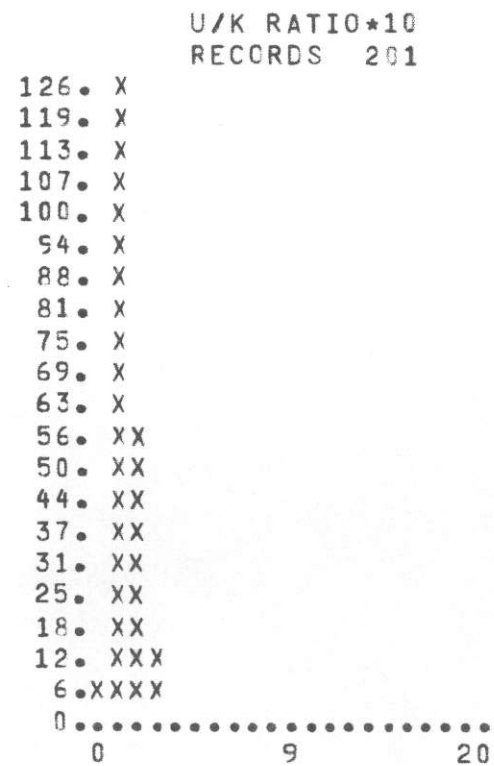
MEAN 51. SIGMA 21.1



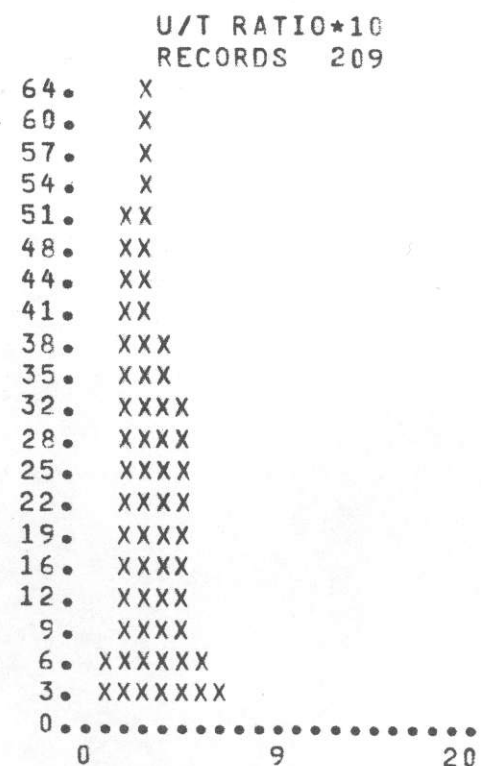
MEAN 9. SIGMA 3.7



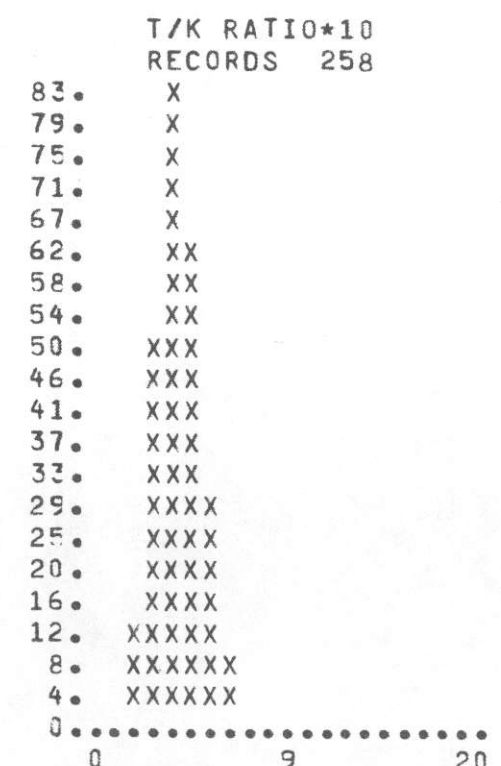
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9

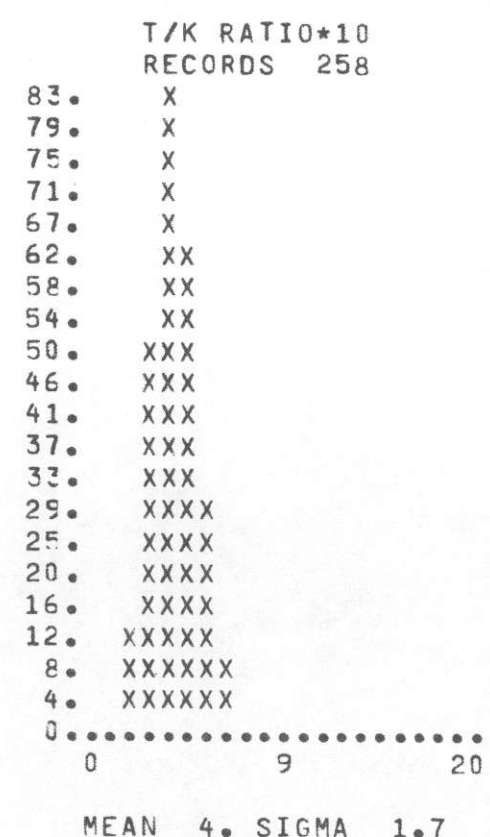
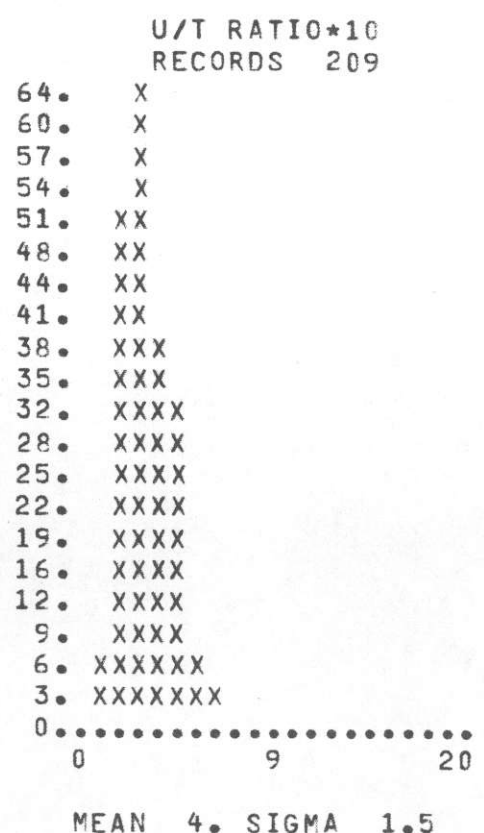
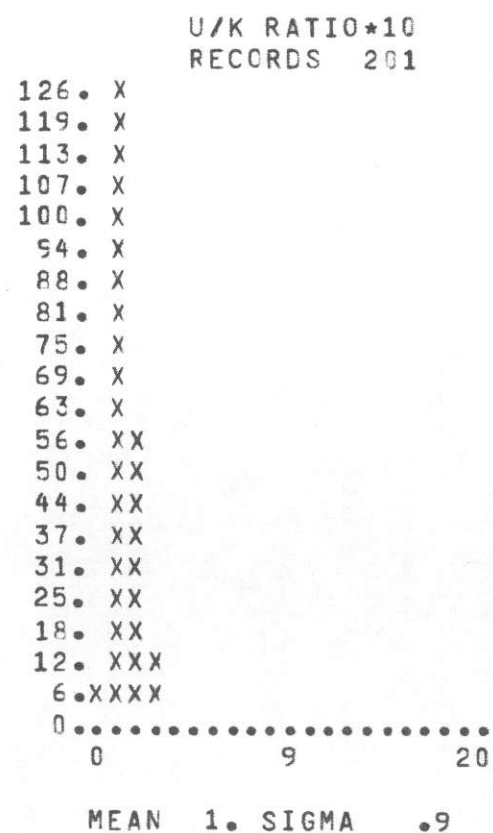
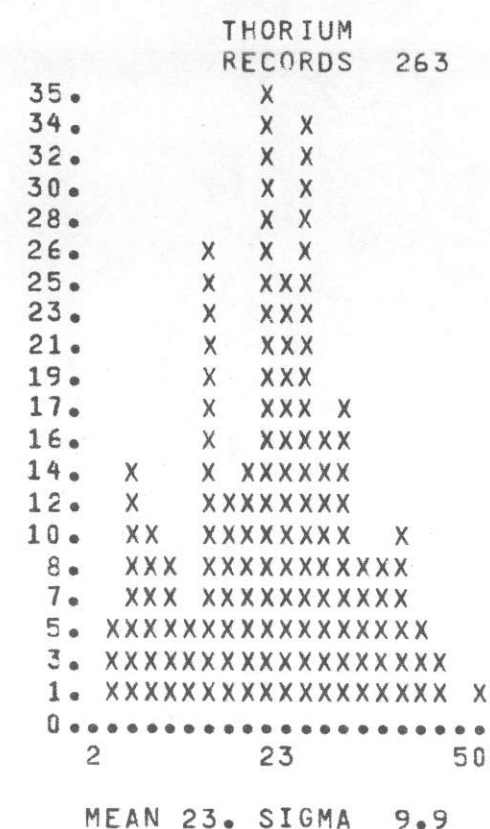
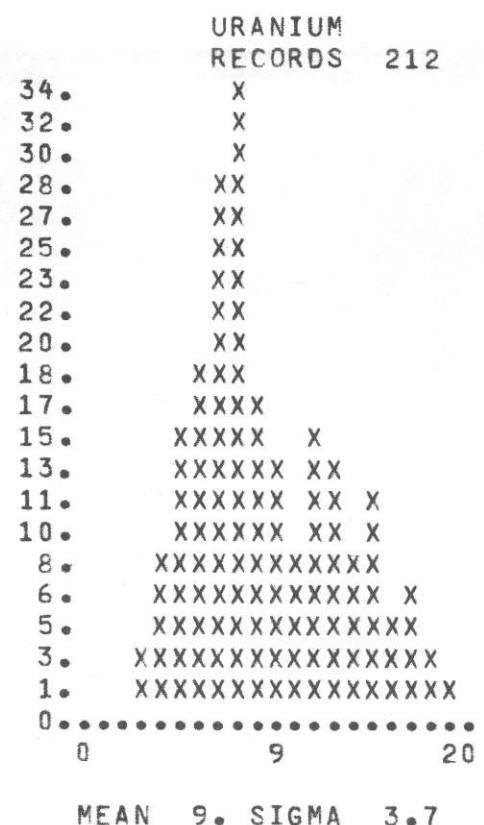
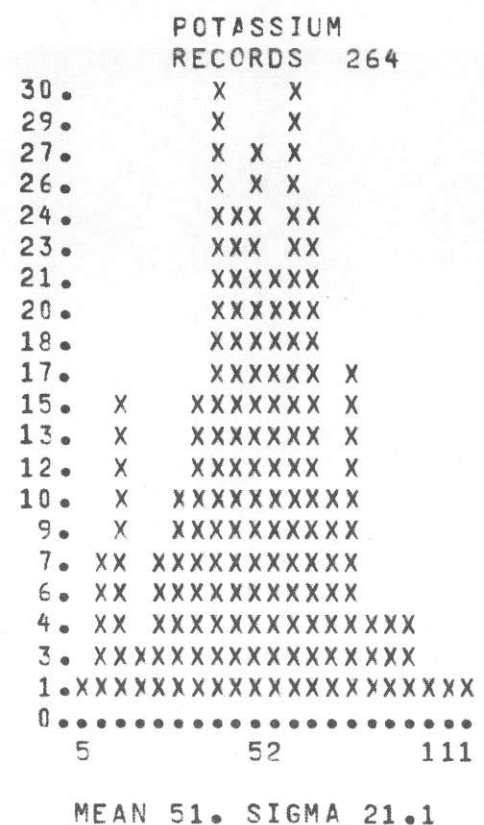


MEAN 4. SIGMA 1.5



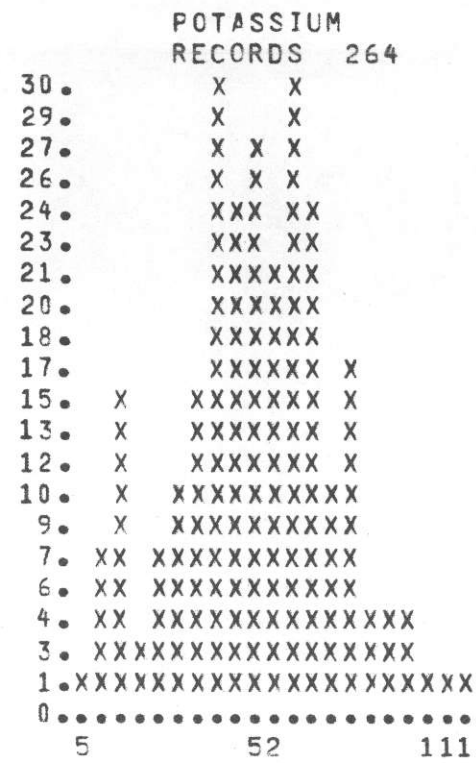
MEAN 4. SIGMA 1.7

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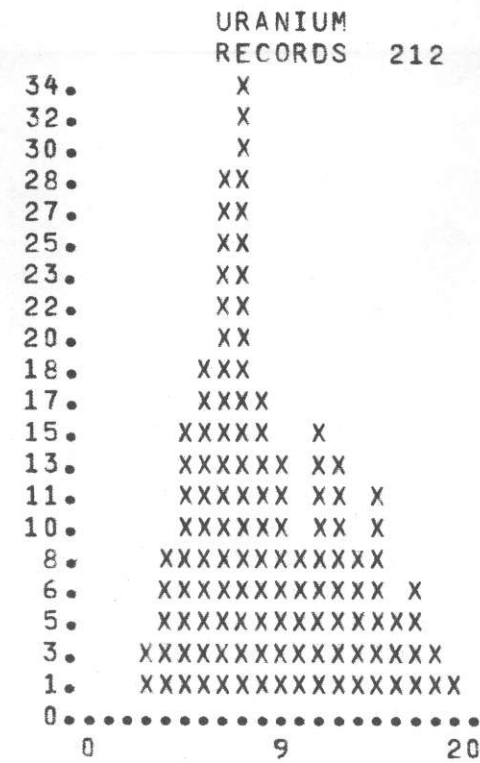




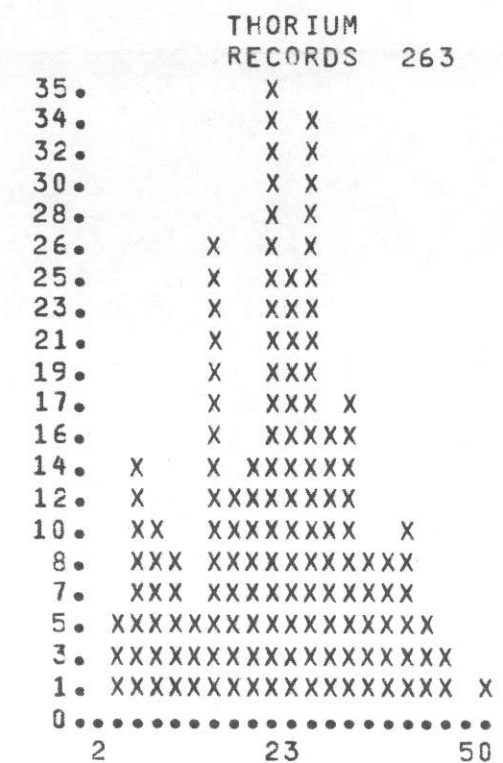
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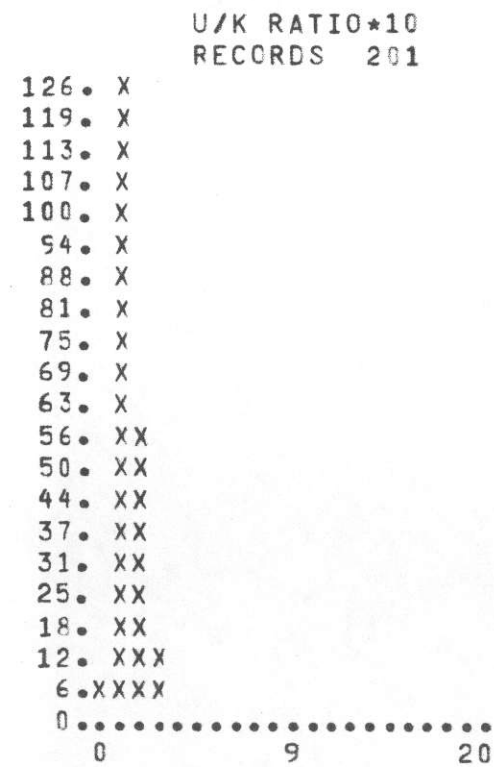
MEAN 51. SIGMA 21.1



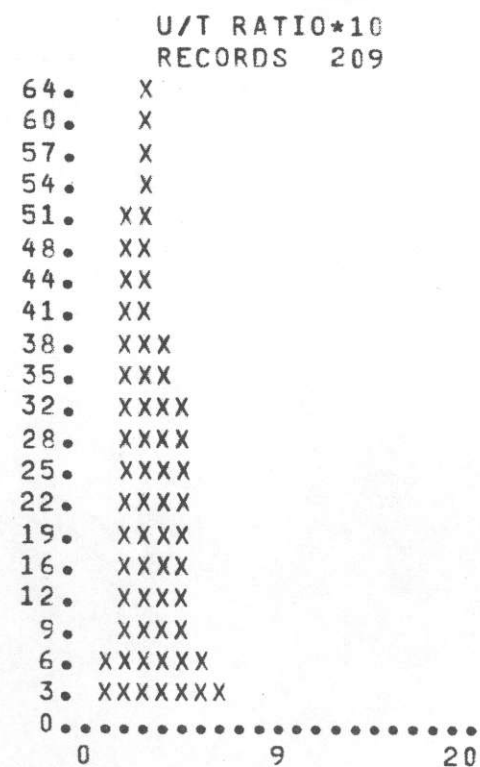
MEAN 9. SIGMA 3.7



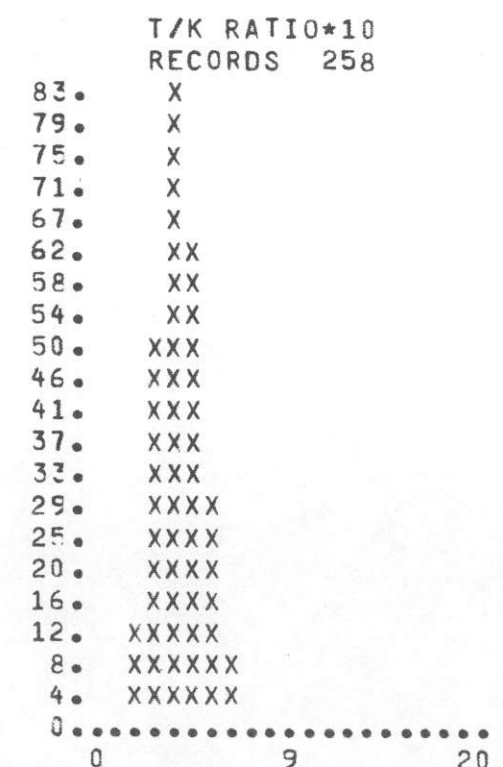
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9

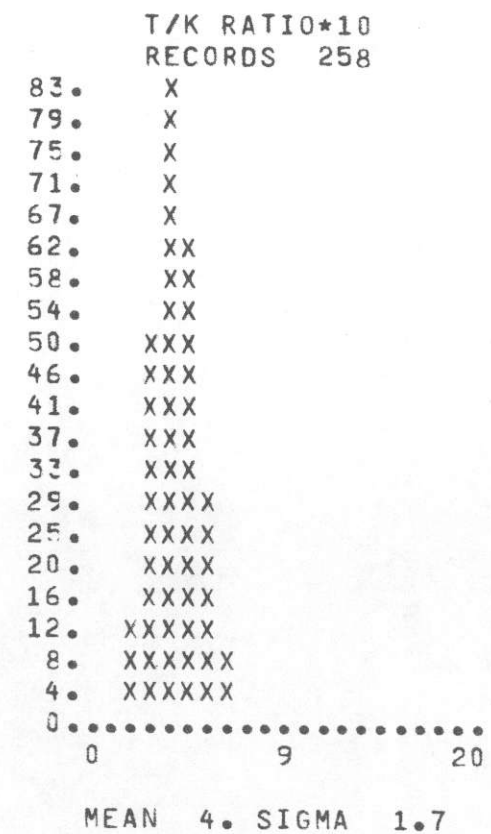
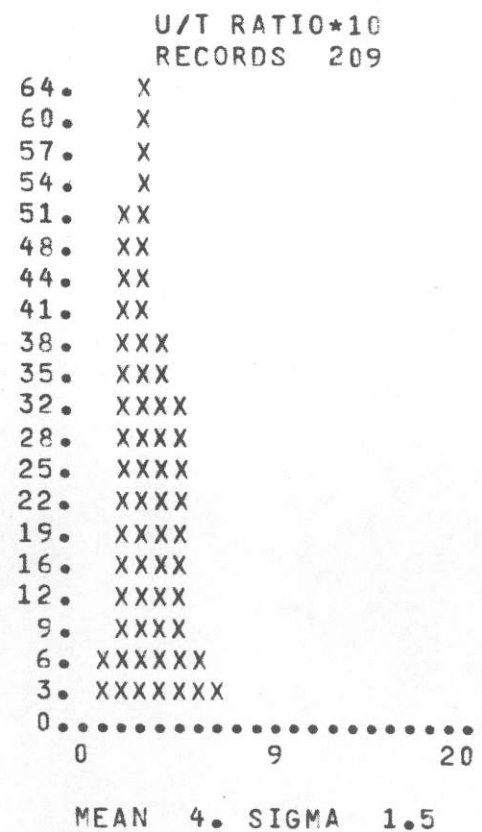
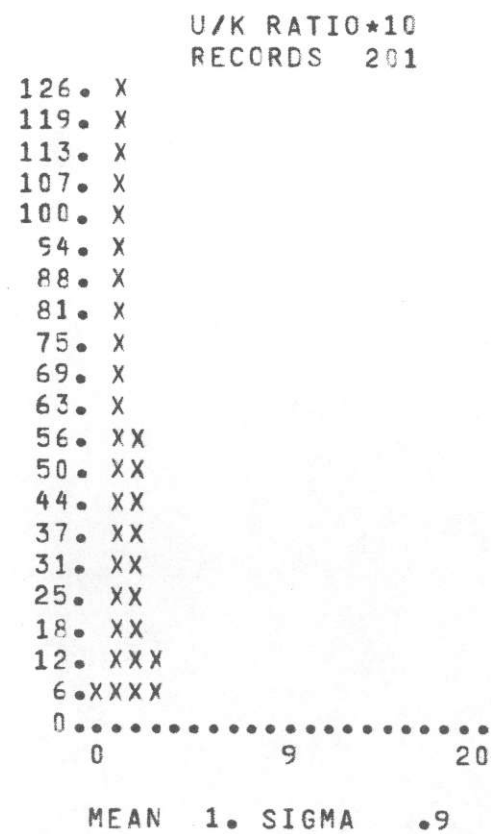
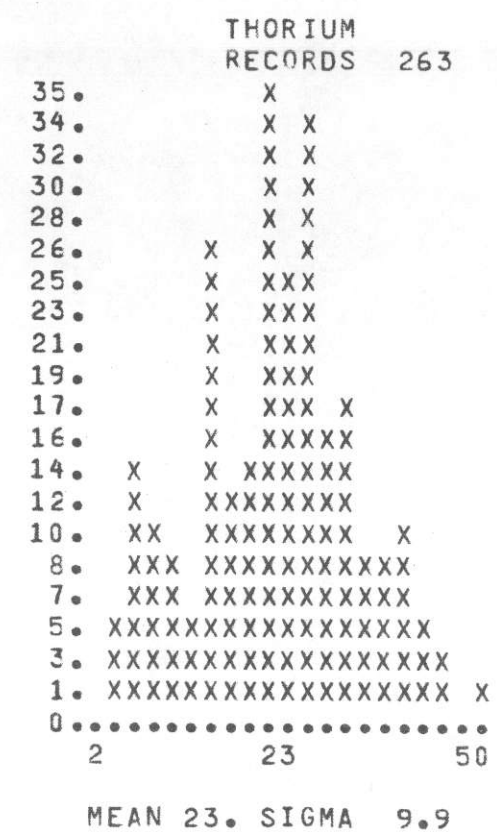
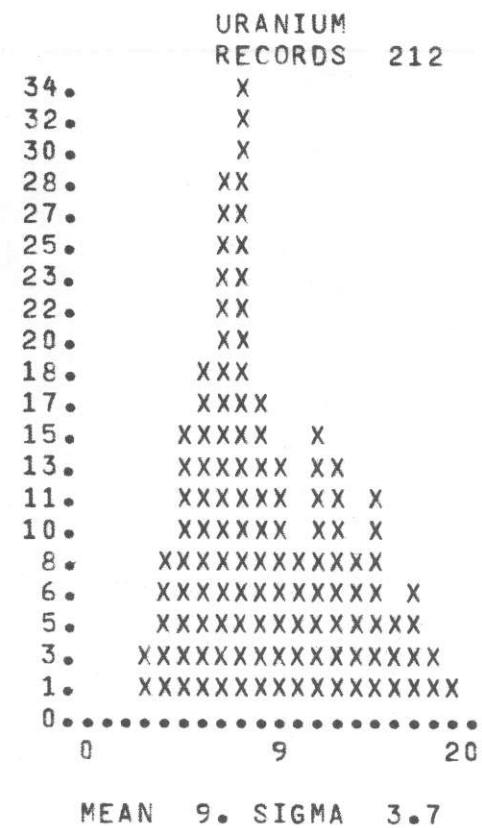
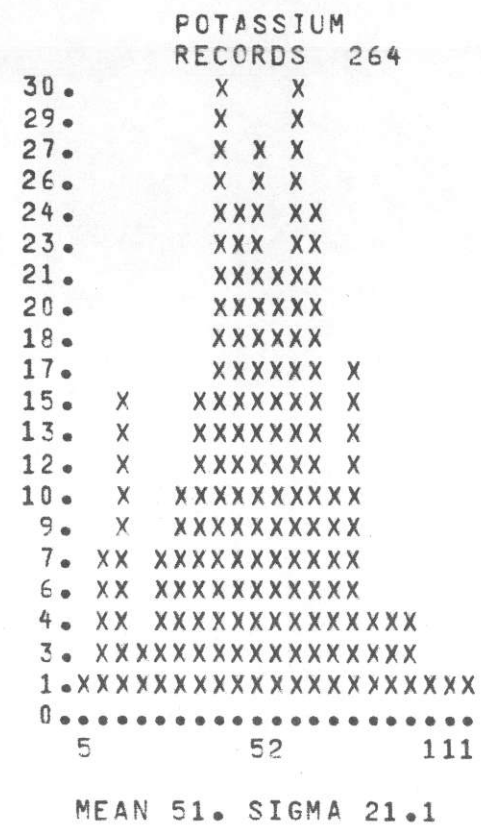


MEAN 4. SIGMA 1.5

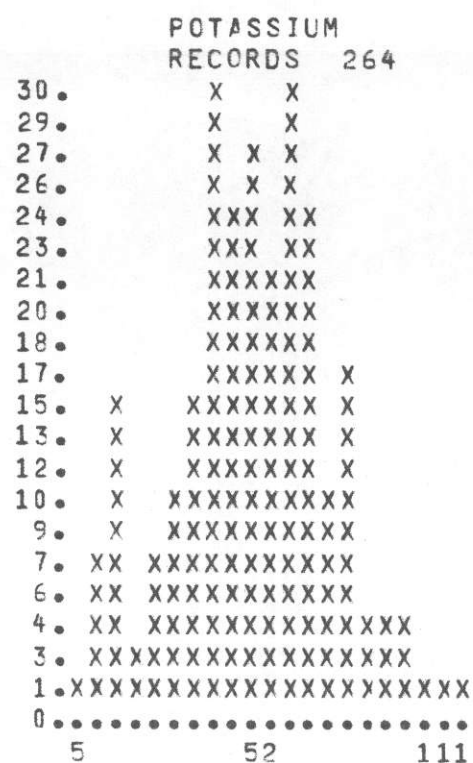


MEAN 4. SIGMA 1.7

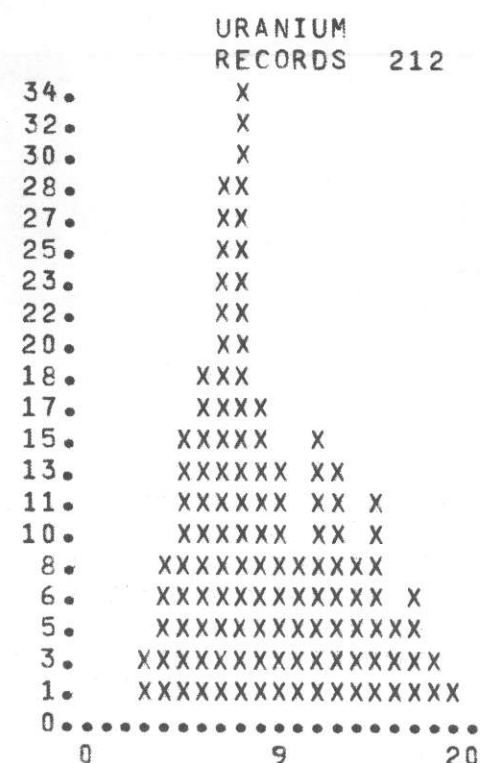
GEOLOGIC UNIT WATER



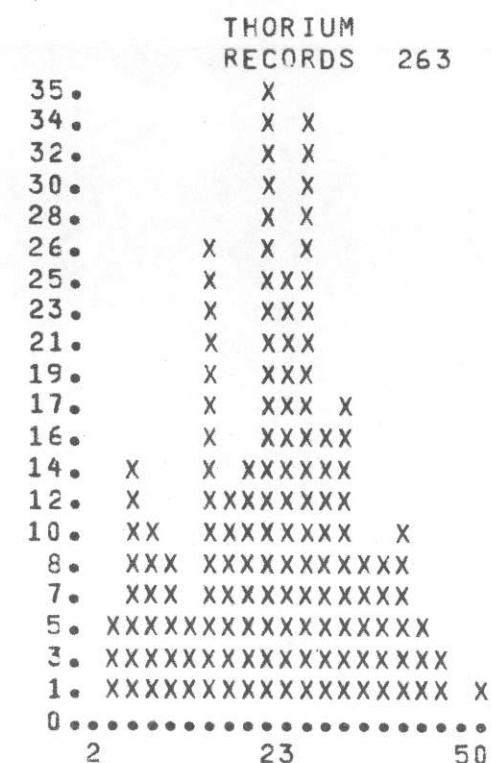
GEOLOGIC UNIT WATER



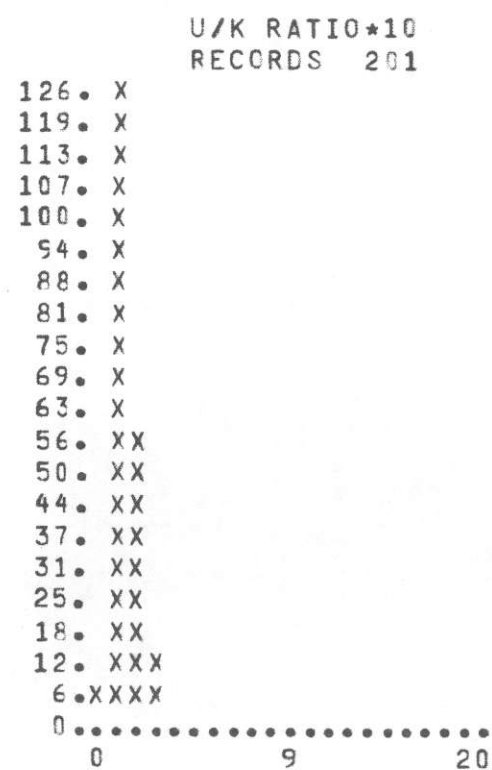
MEAN 51. SIGMA 21.1



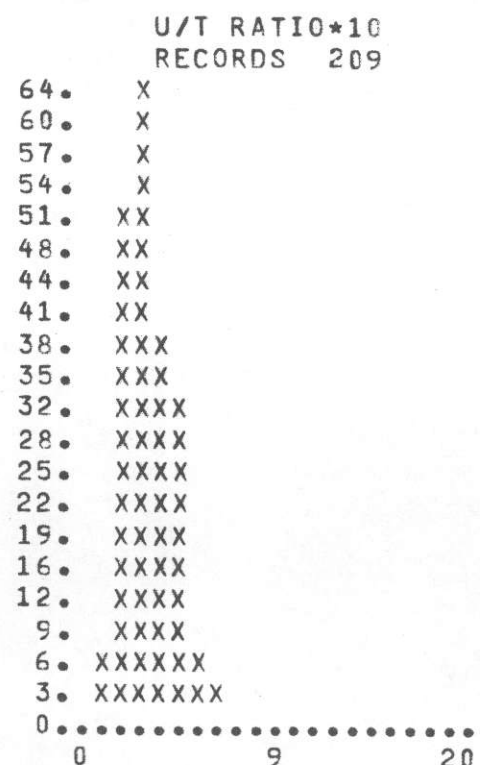
MEAN 9. SIGMA 3.7



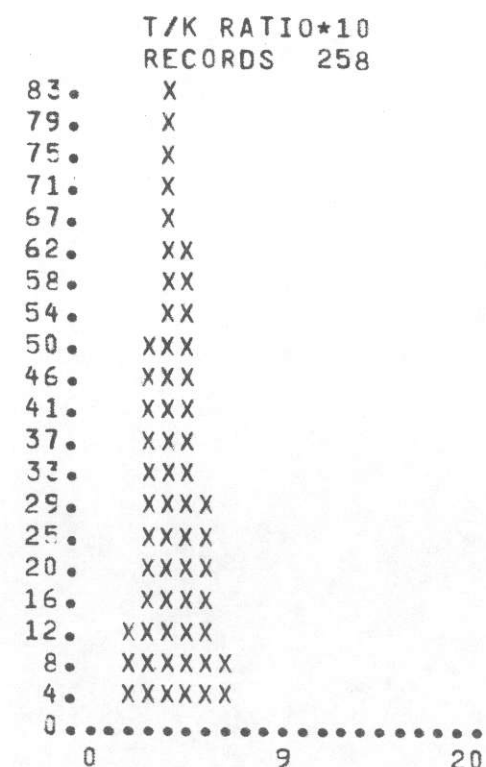
MEAN 23. SIGMA 9.9



MEAN 1. SIGMA .9



MEAN 4. SIGMA 1.5



MEAN 4. SIGMA 1.7





