

Geology  
GJBX-(81)-327

GEOLOGY  
GJBX-327 81

GEOLOGY

National Uranium Resource Evaluation

**NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY OF MAINE  
AND PORTIONS OF NEW YORK**

**FINAL REPORT**

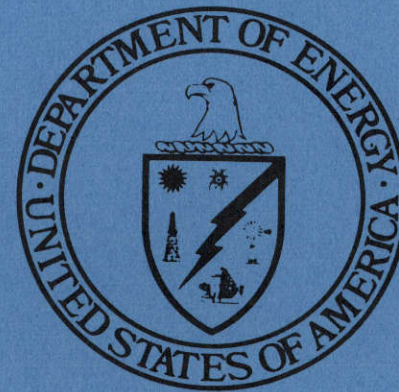
**VOLUME II  
SHERBROOKE NL 19-7 QUADRANGLE**

CARSON HELICOPTERS, INC.

GEOSCIENCE DIVISION 32-H Blooming Glen Rd. Perkasie, Penna. 18944

**CAUTION**  
This is a time release report.  
Do not release any part of this  
publication before

July 1981



PREPARED FOR U.S. DEPARTMENT OF ENERGY  
Grand Junction Office, Colorado

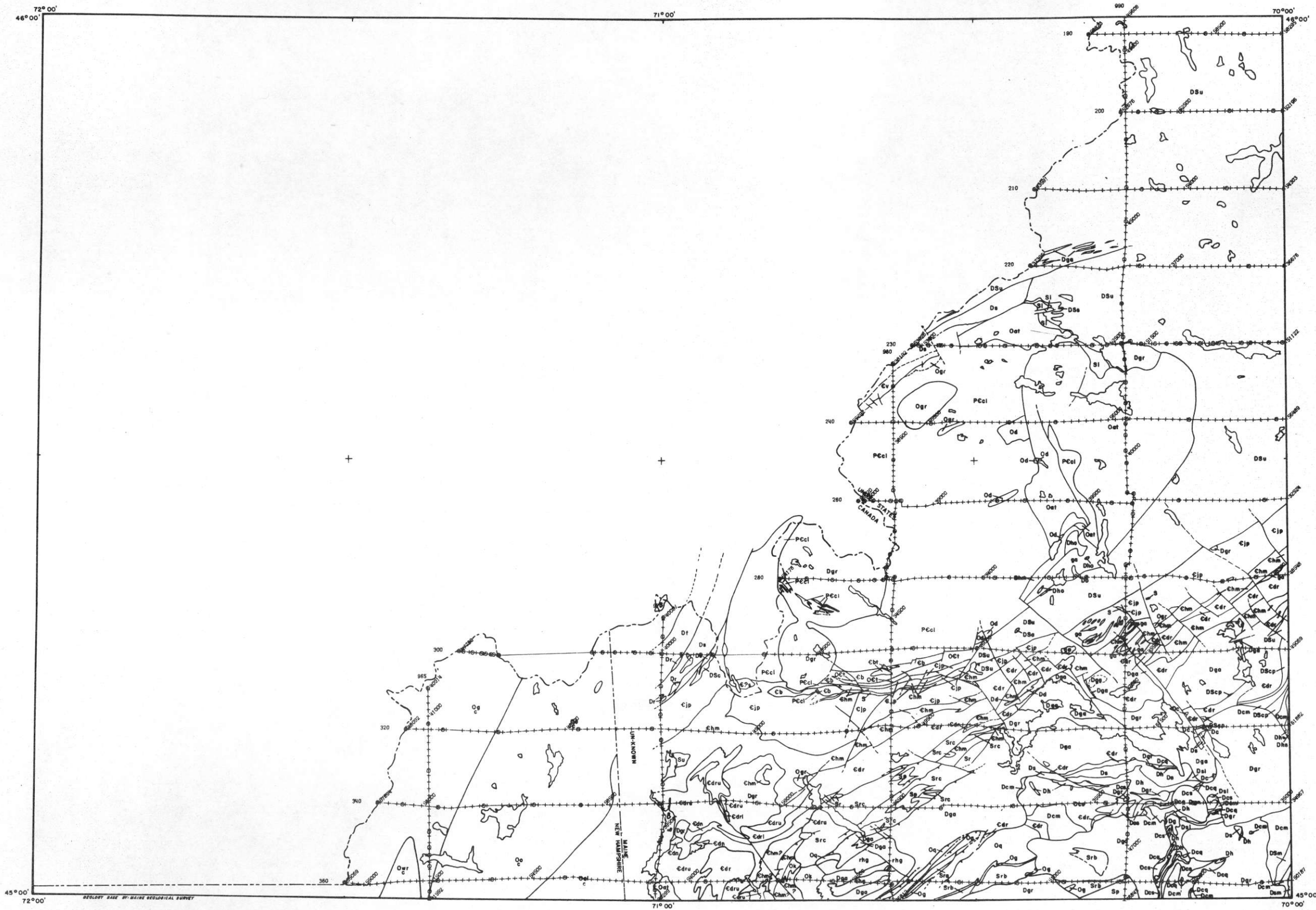
metadc1202288



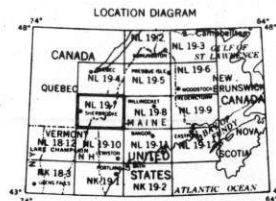
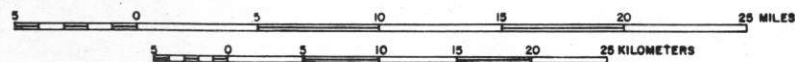
*This report is a result of work performed by Carson Helicopters, Inc. through a Bendix Field Engineering Corporation Subcontract, as part of the National Uranium Resource Evaluation. NURE is a program of the U.S. Department of Energy's Grand Junction, Colorado, Office to acquire and compile geologic and other information with which to assess the magnitude and distribution of uranium resources and to determine areas favorable for the occurrence of uranium in the United States.*

*This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.*





SCALE 1:500,000



**NURE AERIAL GAMMA-RAY AND MAGNETIC RECONNAISSANCE SURVEY**

**MAINE-SHERBROOKE NL 19-7 QUADRANGLE**

**FLIGHT LINE BASE MAP**

1980-1981

BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

PREPARED FOR  
DEPARTMENT OF ENERGY





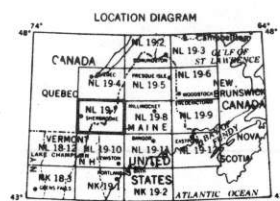
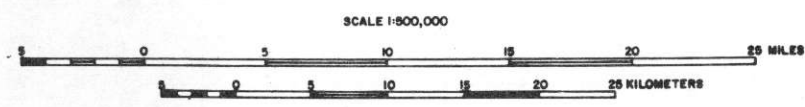


**EXPLANATION**

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  $\pm 1$  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**

**MAINE-SHERBROOKE NL 19-7 QUADRANGLE ANOMALY MAP-THORIUM**

1980-1981

BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

PREPARED FOR  
DEPARTMENT OF ENERGY

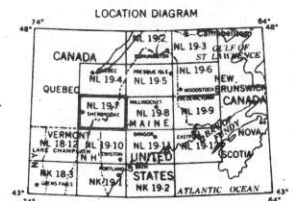
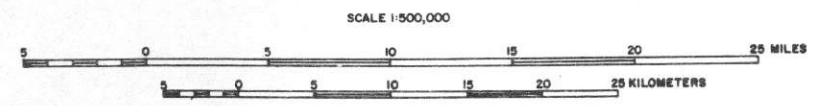




**EXPLANATION**

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  $\pm 1$  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**

**MAINE-SHERBROOKE NL 19-7 QUADRANGLE ANOMALY MAP - POTASSIUM**

1980-1981

BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

PREPARED FOR  
DEPARTMENT OF ENERGY



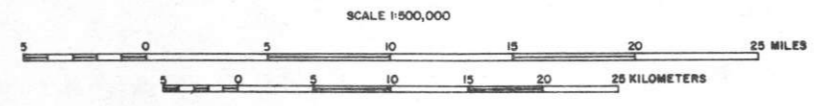


**EXPLANATION**

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  $\pm 1$  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 THE LINES BY SQUARES. NORTH OR EAST ARE POSITIVE AND SOUTH OR WEST ARE NEGATIVE.



**NURE AERIAL GAMMA-RAY AND MAGNETIC RECONNAISSANCE SURVEY**

**MAINE-SHERBROOKE NL 19-7 QUADRANGLE ANOMALY MAP-URANIUM/THORIUM**

1980-1981

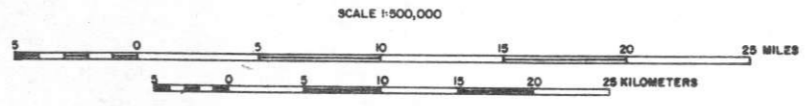
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

PREPARED FOR  
DEPARTMENT OF ENERGY





**EXPLANATION**  
 INDIVIDUAL SAMPLES ARE PLOTTED AT 20 SAMPLE INTERVALS AND IDENTIFIED BY RECORD NUMBER AT INTERVALS OF 900 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.



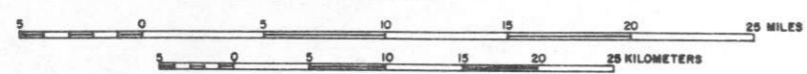
**NURE AERIAL GAMMA-RAY AND MAGNETIC RECONNAISSANCE SURVEY**  
**MAINE-SHERBROOKE NL 19-7 QUADRANGLE**  
**ANOMALY MAP - URANIUM / POTASSIUM**  
 1980-1981  
 BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
 PREPARED FOR  
 DEPARTMENT OF ENERGY





45° 00' 72° 00' GEOLOGY BASE BY MAINE GEOLOGICAL SURVEY

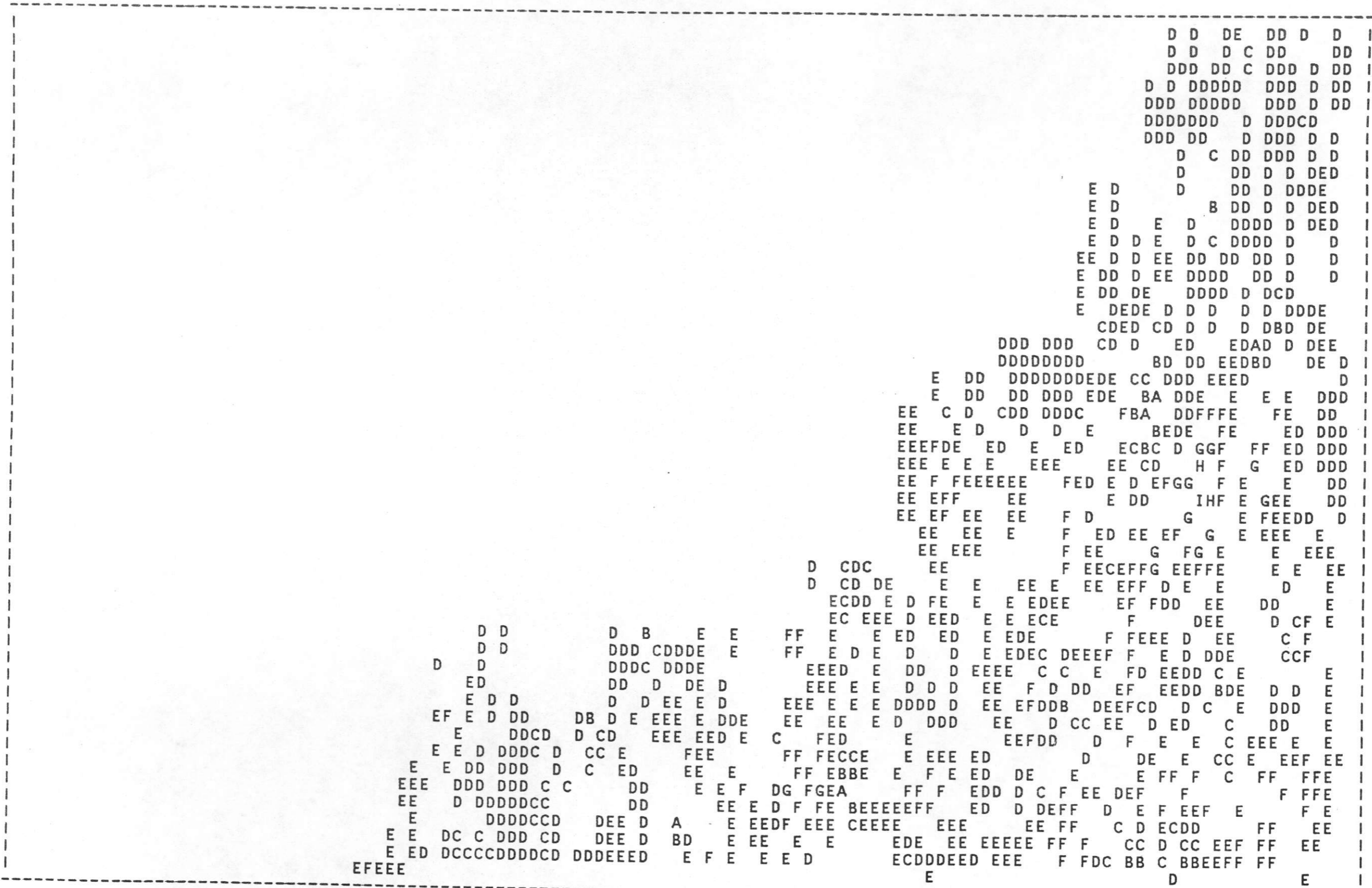
SCALE 1:500,000



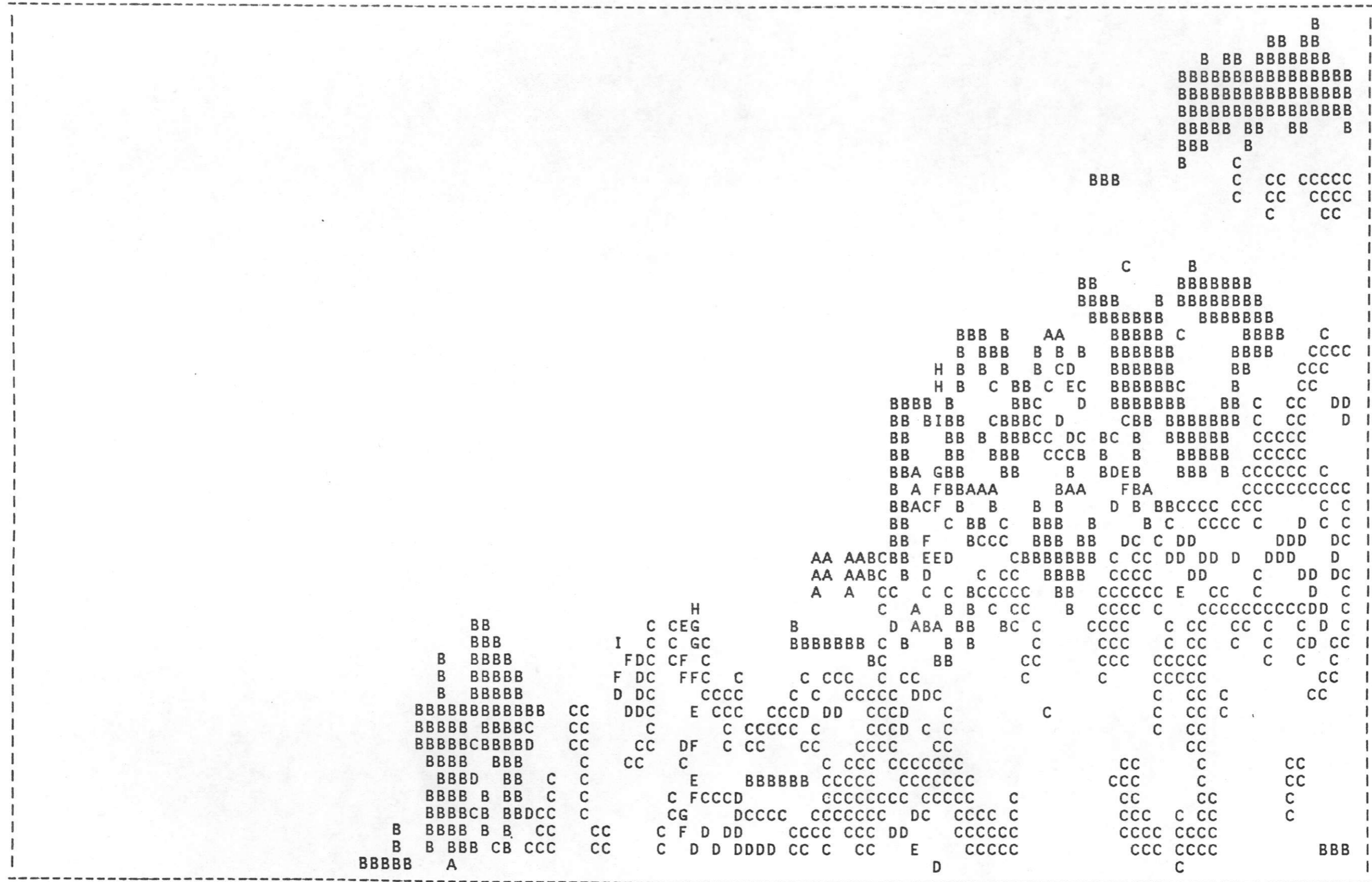
**EXPLANATION**  
 INDIVIDUAL SAMPLES ARE PLOTTED AT 20 SAMPLE INTERVALS AND IDENTIFIED BY RECORD NUMBER AT INTERVALS OF 500 SAMPLES.  
 AVERAGED SAMPLES ARE ANNOTATED IF THE DEVIATION OF THE AVERAGED SAMPLE, FROM THE MEAN OF ITS CORRESPONDING ROCK UNIT, IS GREATER THAN ± 1 STANDARD DEVIATION. THE DEVIATION 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**  
**MAINE-SHERBROOKE NL 19-7 QUADRANGLE ANOMALY MAP - THORIUM/POTASSIUM**  
 1980-1981  
 BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
 PREPARED FOR  
 DEPARTMENT OF ENERGY

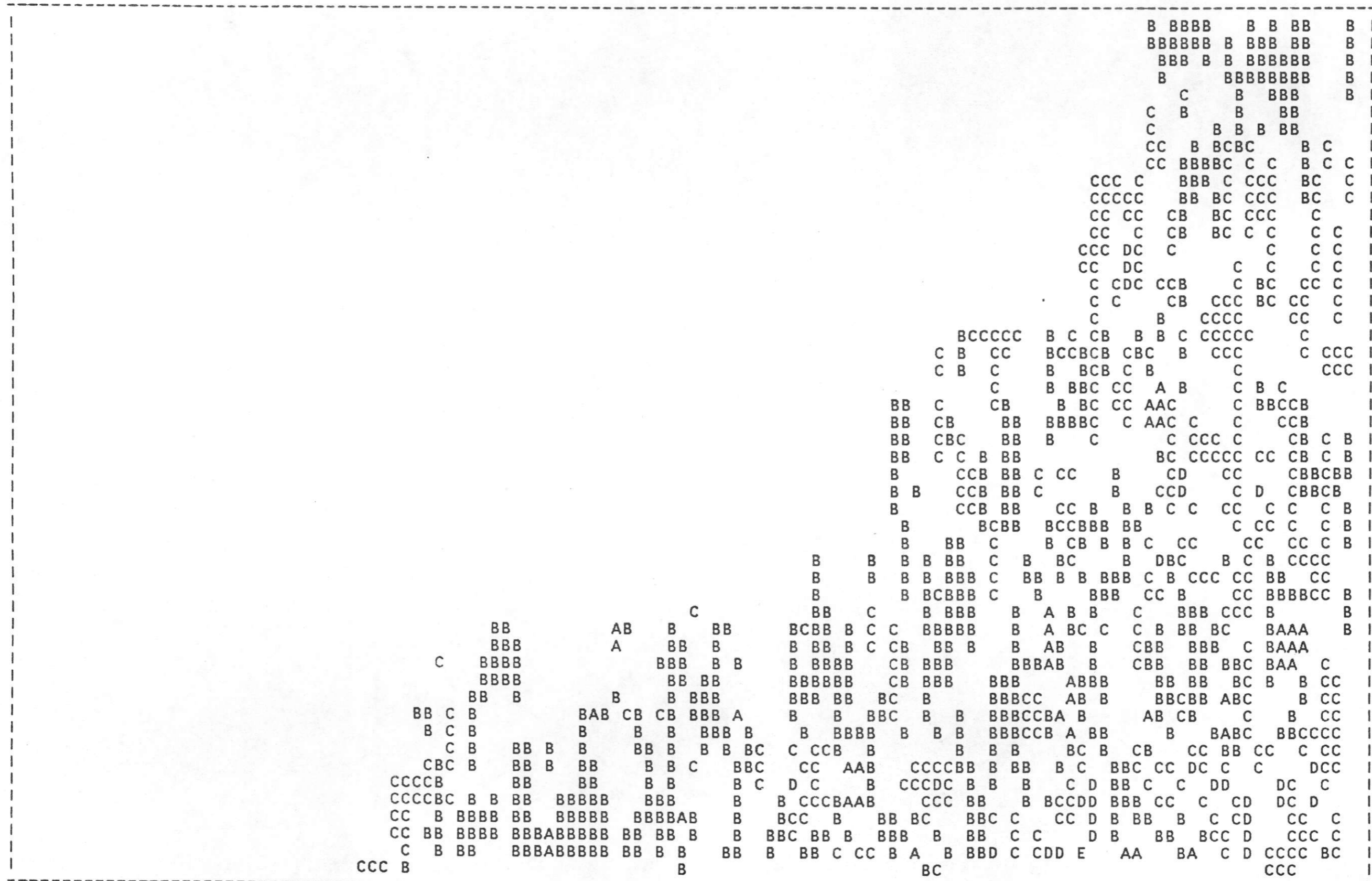












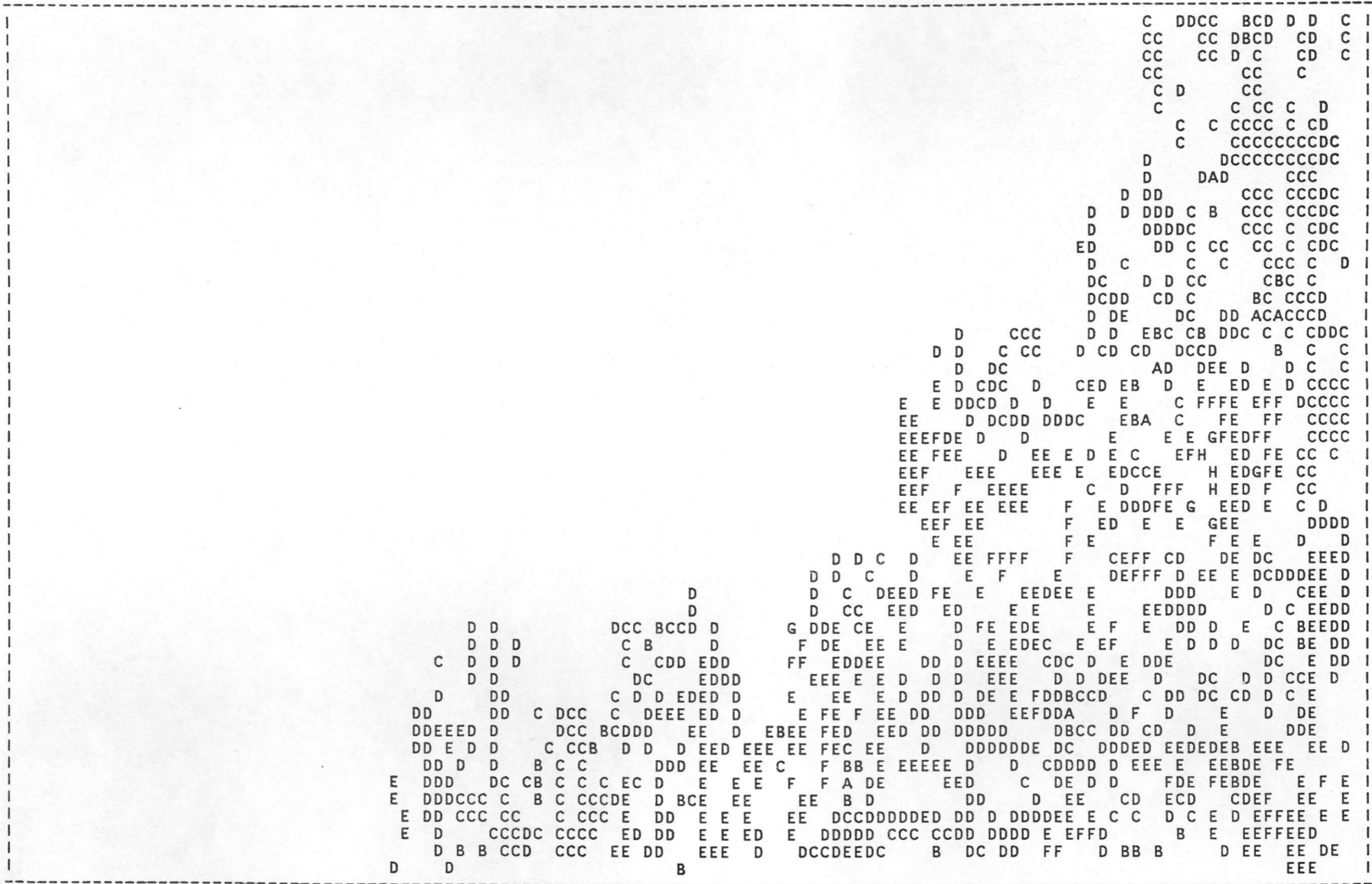


```

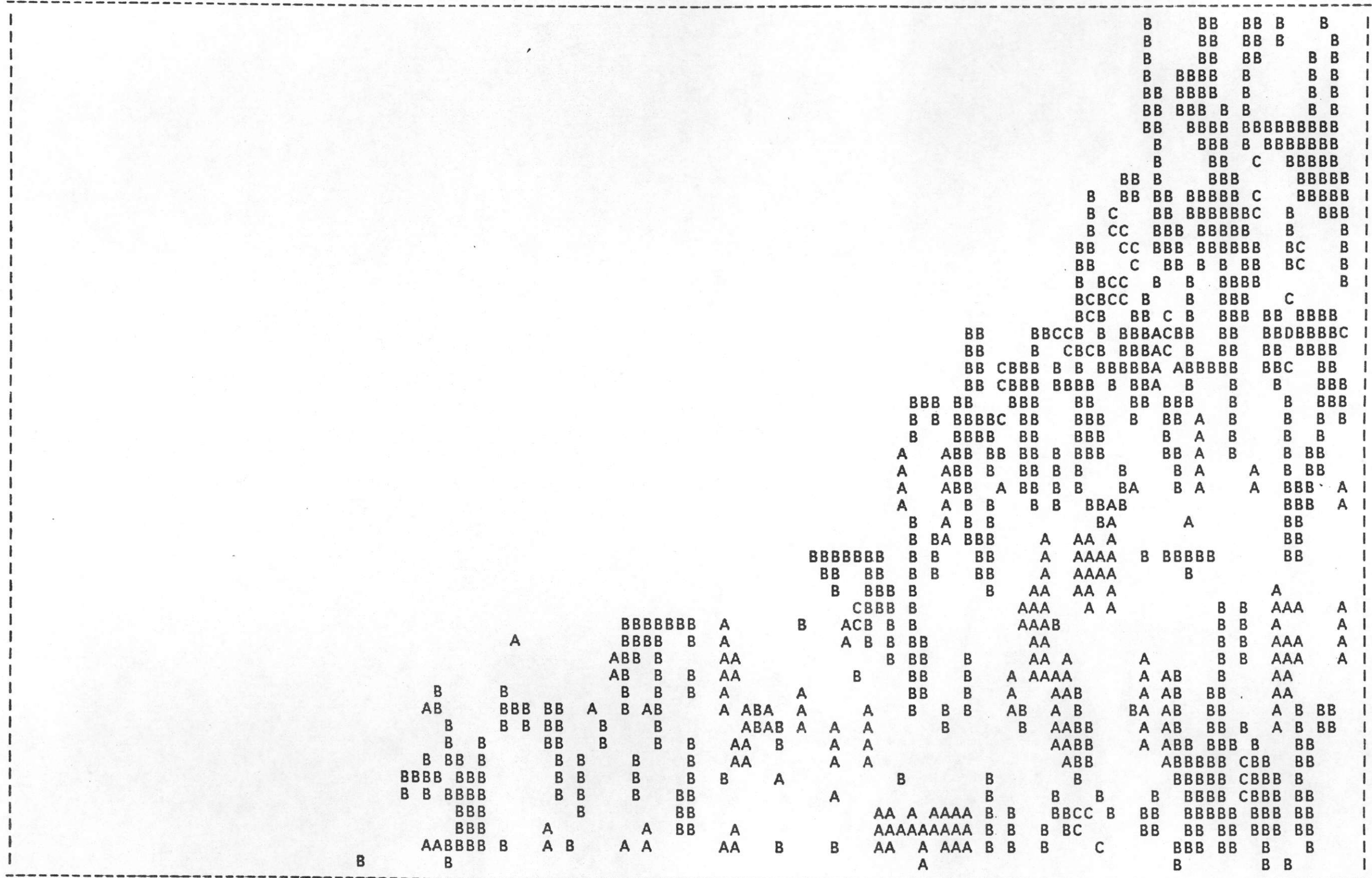
DCCDE EDED D I
DD D C D DD D I
DD D C D D DD I
D DD D D DD D I
D DDDD D DD D I
D DDD DD C D I
D CDD D D C D I
D DD DDC C D I
D DDB DDC C E D I
DDD DE DDD DDD CC CDE D I
D DDD DDD DDDC C C D I
D DDD D DBDDD C C D I
CD D DDD C C D I
E C D C C DDDC C DD I
D C CD D DDDC C DD I
CCDC DD DDCD DD I
D CC C C DD DD B B D D I
C CEC C D D E I
DDDD CC DC E EB DC D EDEE I
D DDD DC CD CD CDDDD B E I
D D DD CDC A D BDCD I
D DCD DDD C EF AD DEEE DC DD D D I
DD CD DDDDD CED B D E DDEE CDDD I
D EC DCDD DD D F A E FE E DCDDD I
D D DDD DD E C E F FE DC DD I
D F ED DDD E EDD EECB EGH EEHGEED DD I
D EEE DD EE D CEF G IH FEEI EE E I
D E E EDD EFECC F J FE H E E I
D E E EFE DDDD IH IGEEDDE I
D E E EE EDD D EFGHG E D E I
D D DD EE EE E DCDEEGD FG EF F E EEE I
D B CD DD D DD EEE EE EE DE EEEFEF ED EEE I
DDD D D DDD EEEE GD E E DDF E I
DD C D D DD D EE E FDD E DD F E I
DD CCDD D DD D C D EEE DDD E D C FED I
C BB DE E EC DD DDE D BD F F F E DCD E C FED I
DDE E E C DD DDE E DC EE F EE D C FED I
DD D EEDE EE EEDDEED C D D EE DBDDDEEF DDCBD D F E I
DD EE EED EED EED D D DD E GD EEF D DD DE D D E I
D E E FB E E EEEE DD DDD EEE D CCC EFB D DE E EDD EE I
EE DD D D DD EED E F EE E DEEED D EE GDD FC E EC CE E D EE I
E D DDD D D C EDD EED FCF FE CE DE E D F DDDDD E F E DCC E E EE I
EE DD DDD C CC E D EEEDE F F EB E F E ED DE EED D GFF ED DE EE EE I
FEEEEDDD DDD C C DE DD E EE E F G FG A E EFFGF E C E E FF B EFF EF E I
EE D DDDCC C E DD EEEEF D F FEBB F FGF EED D DEFED DCDEE EE ECDE EE EE I
E CD DDCCD EDD EEF DF E ECCF F EF FF E E E E EDD CDDE D ED E EEEEE I
EDCC D CD D D EFEEDFE F F F EEEE EE CBB CD CE EEEE EE EE I
E EDCC C DD D D EFFF FEED D FGF HFFF G E FE DC A BC ABE F EE EEDD E I
F EE D F EEE I

```

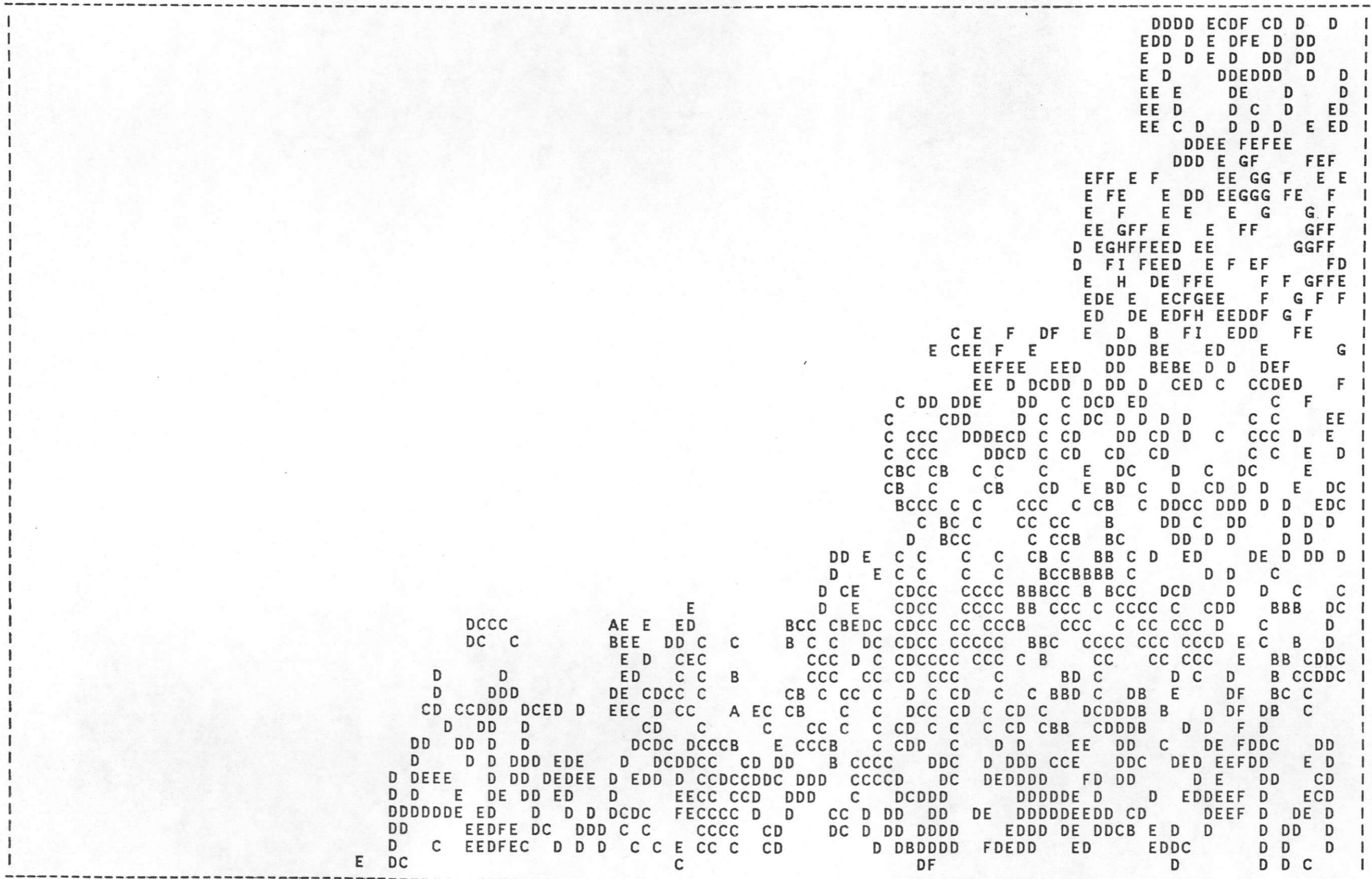


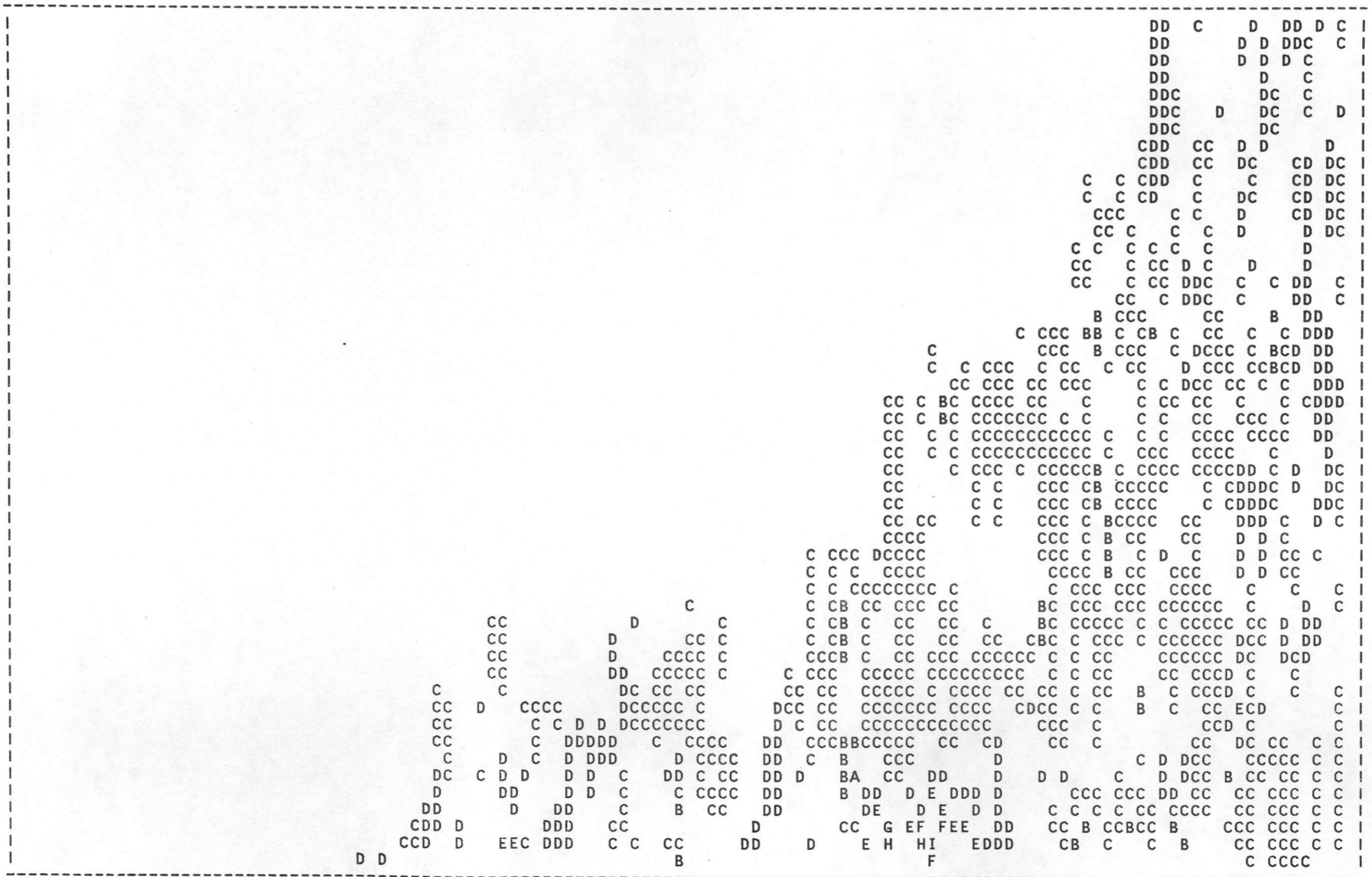




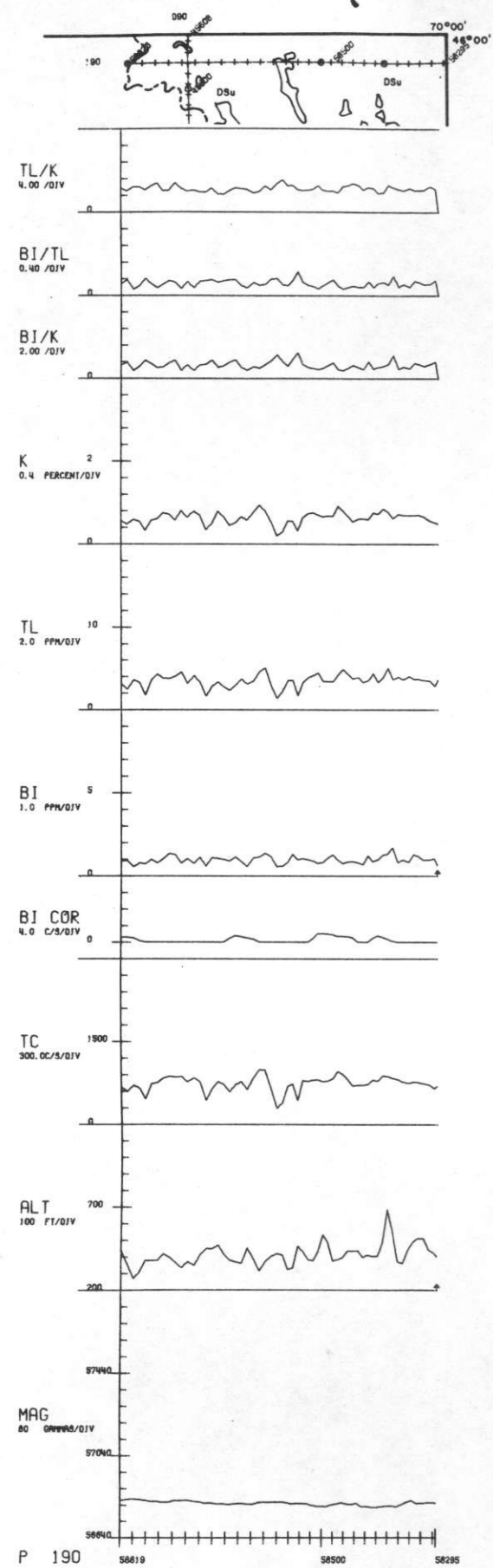




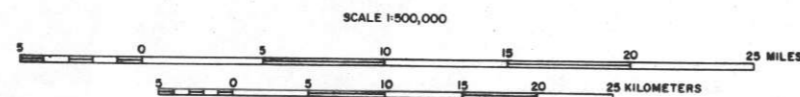




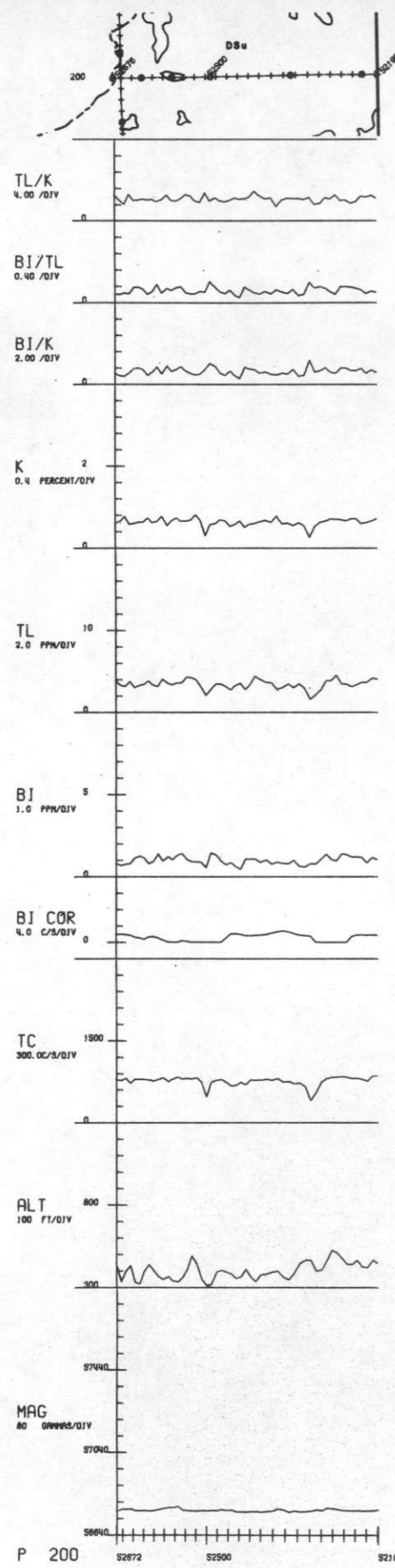




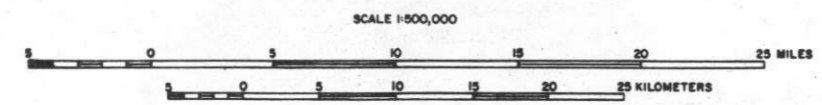
↑ FLAGGED SAMPLE VALUES OF  
K, U, T INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA-RAY AND MAGNETIC RECONNAISSANCE SURVEY
<b>MAINE-SHERBROOKE NL 19-7 QUADRANGLE</b> RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1980-1981
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944
PREPARED FOR DEPARTMENT OF ENERGY

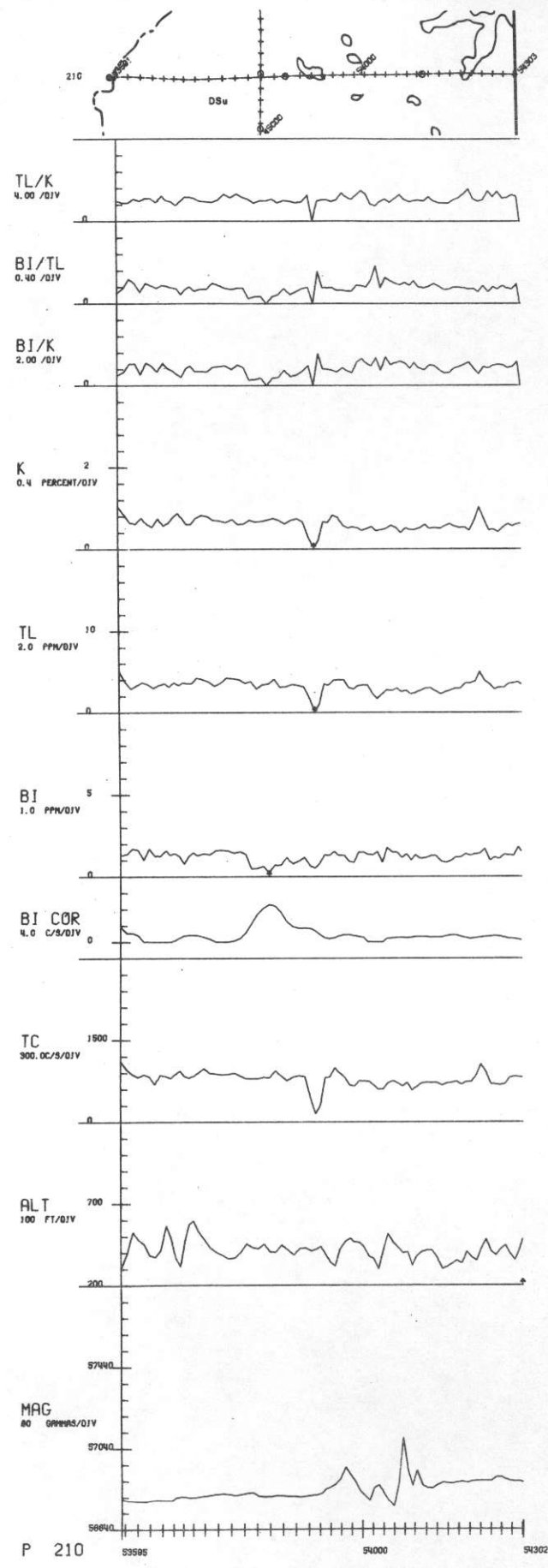


↑ FLAGGED SAMPLE VALUES OF  
K, ALT INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST

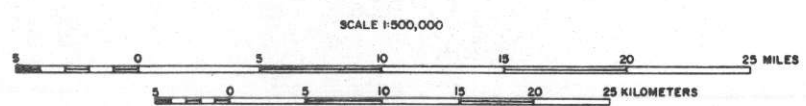


NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

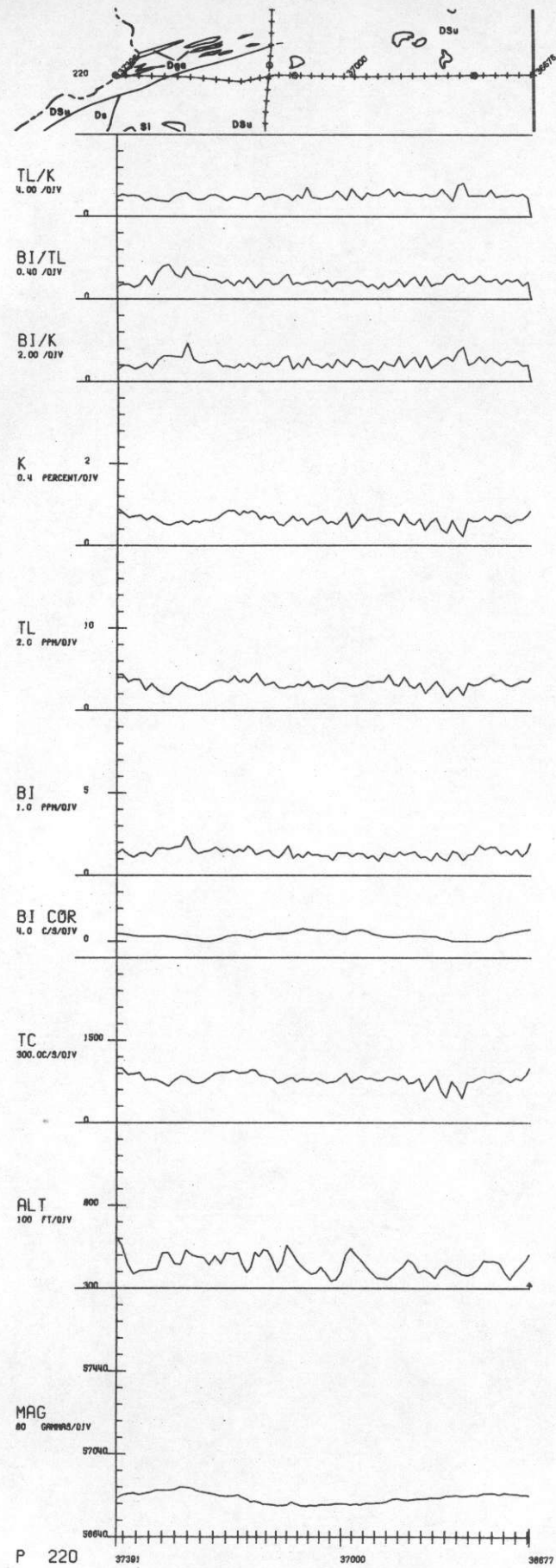




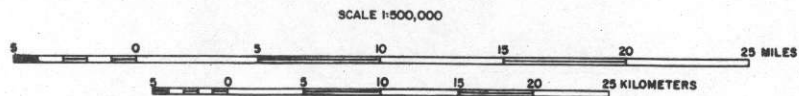
↑ FLAGGED SAMPLE VALUES OF  
K,U,T INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-M BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

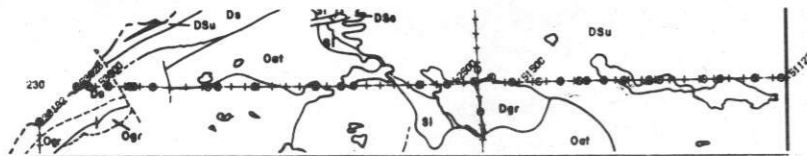


↑ FLAGGED SAMPLE VALUES OF  
K, ALT INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY





TL/K  
4.00 /DIV

BI/TL  
0.40 /DIV

BI/K  
2.00 /DIV

K  
0.4 PERCENT/DIV

TL  
2.0 PPM/DIV

BI  
1.0 PPM/DIV

BI COR  
4.0 C/S/DIV

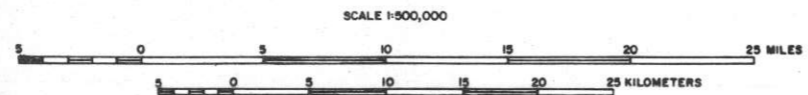
TC  
300.0C/S/DIV

ALT  
100 FT/DIV

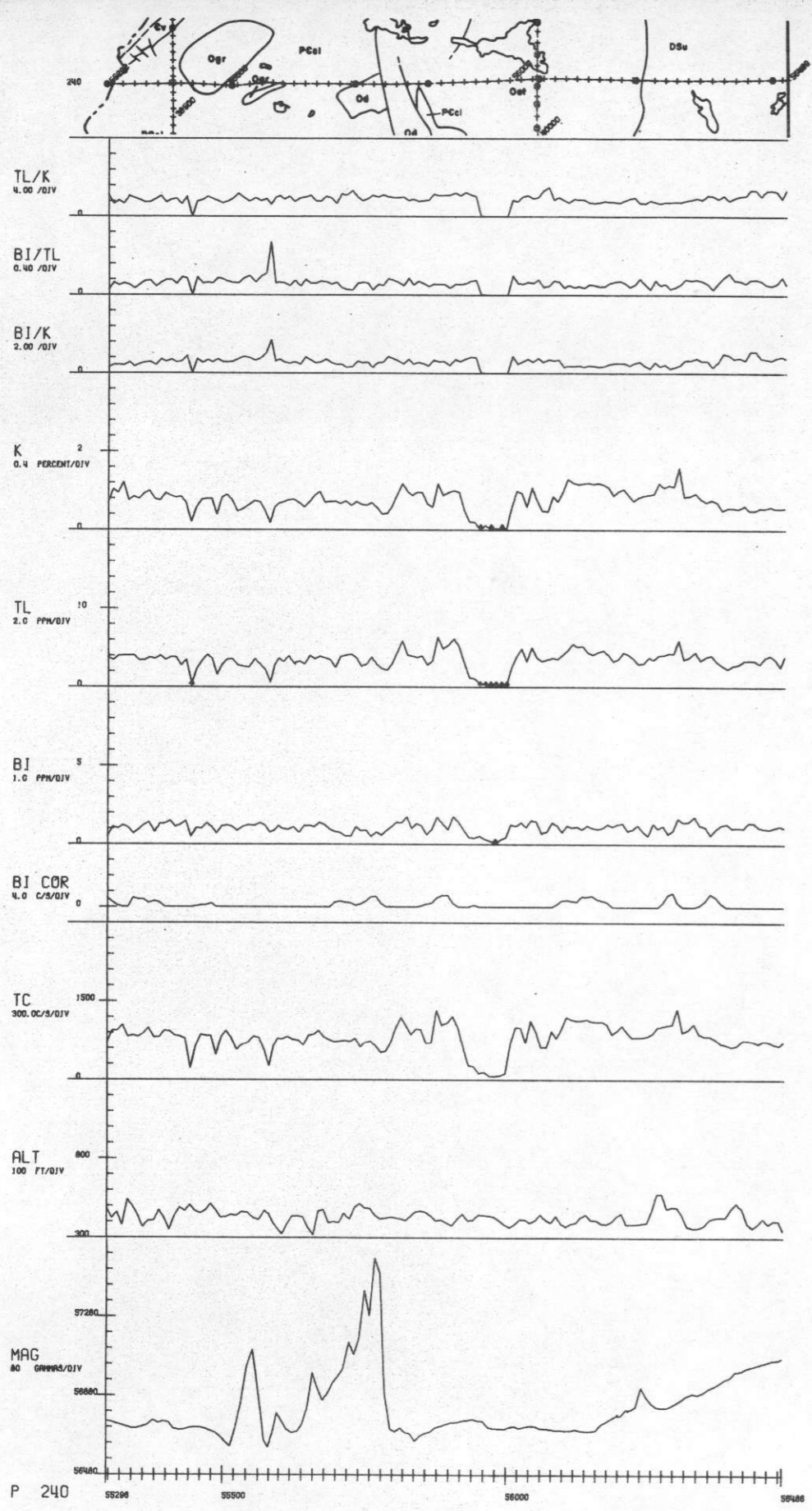
MAG  
50 GAMMAS/DIV

P 230 510000 52000 51500 51128

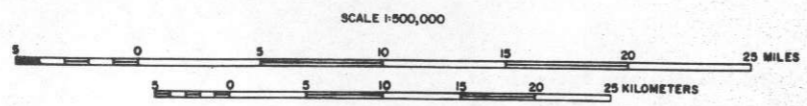
↑ FLAGGED SAMPLE VALUES OF  
K,U,T INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

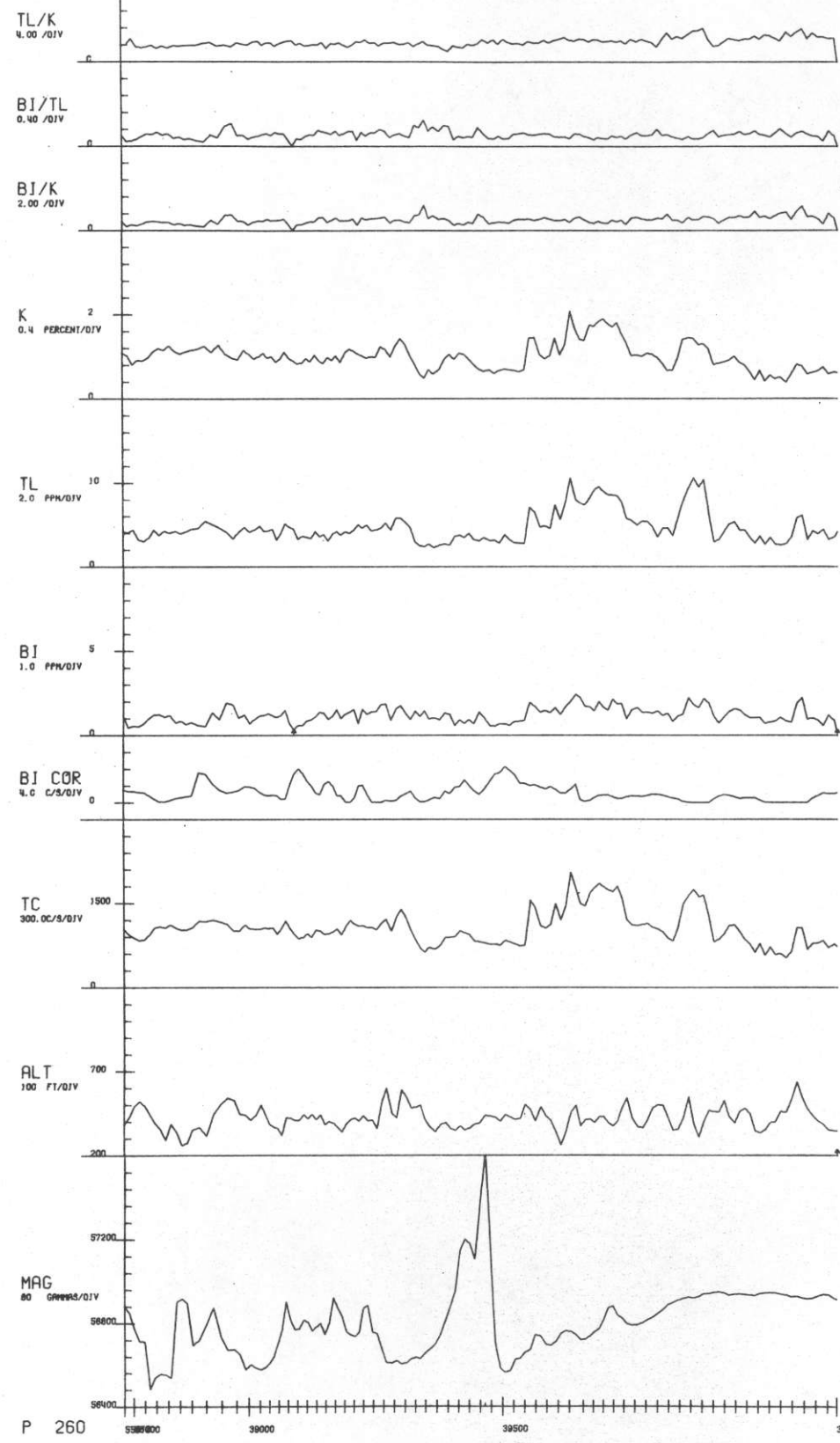
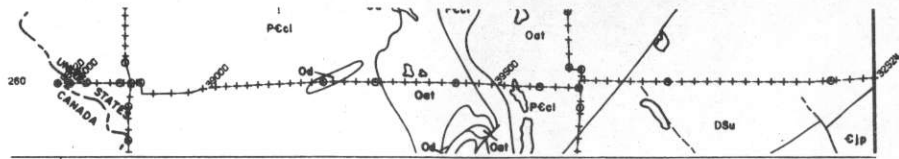


↑ FLAGGED SAMPLE VALUES OF  
K, U, T INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST

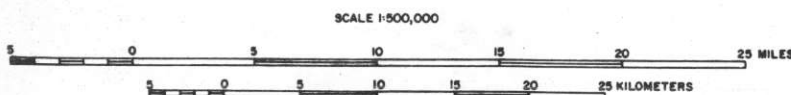


NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

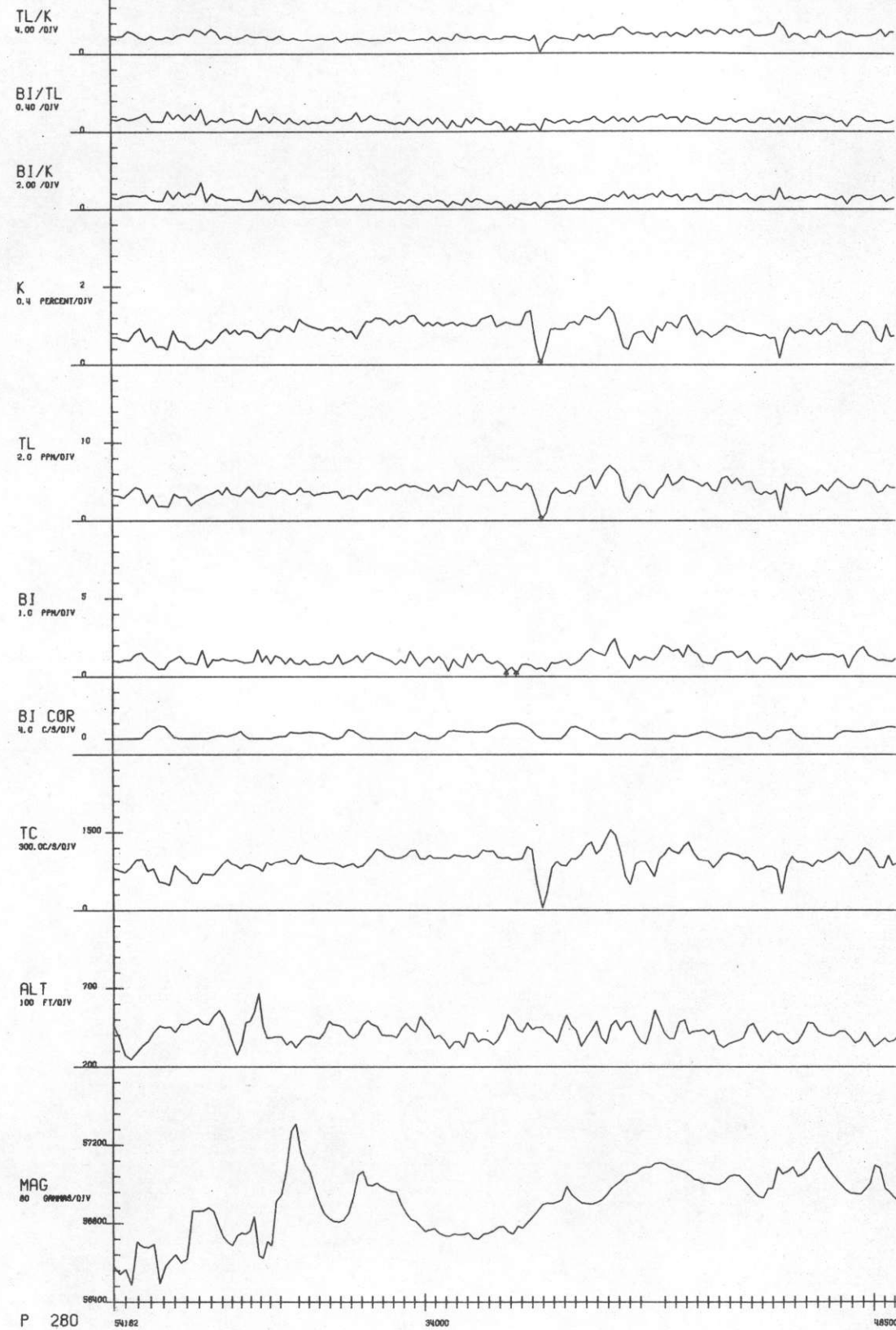
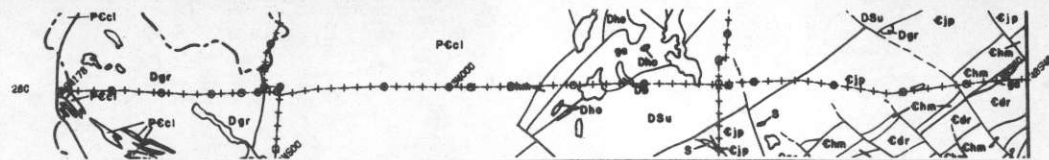




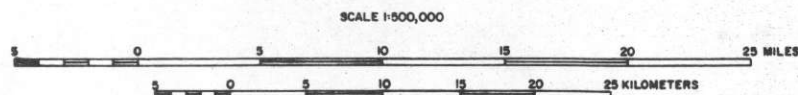
↑ FLAGGED SAMPLE VALUES OF  
K,LT INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

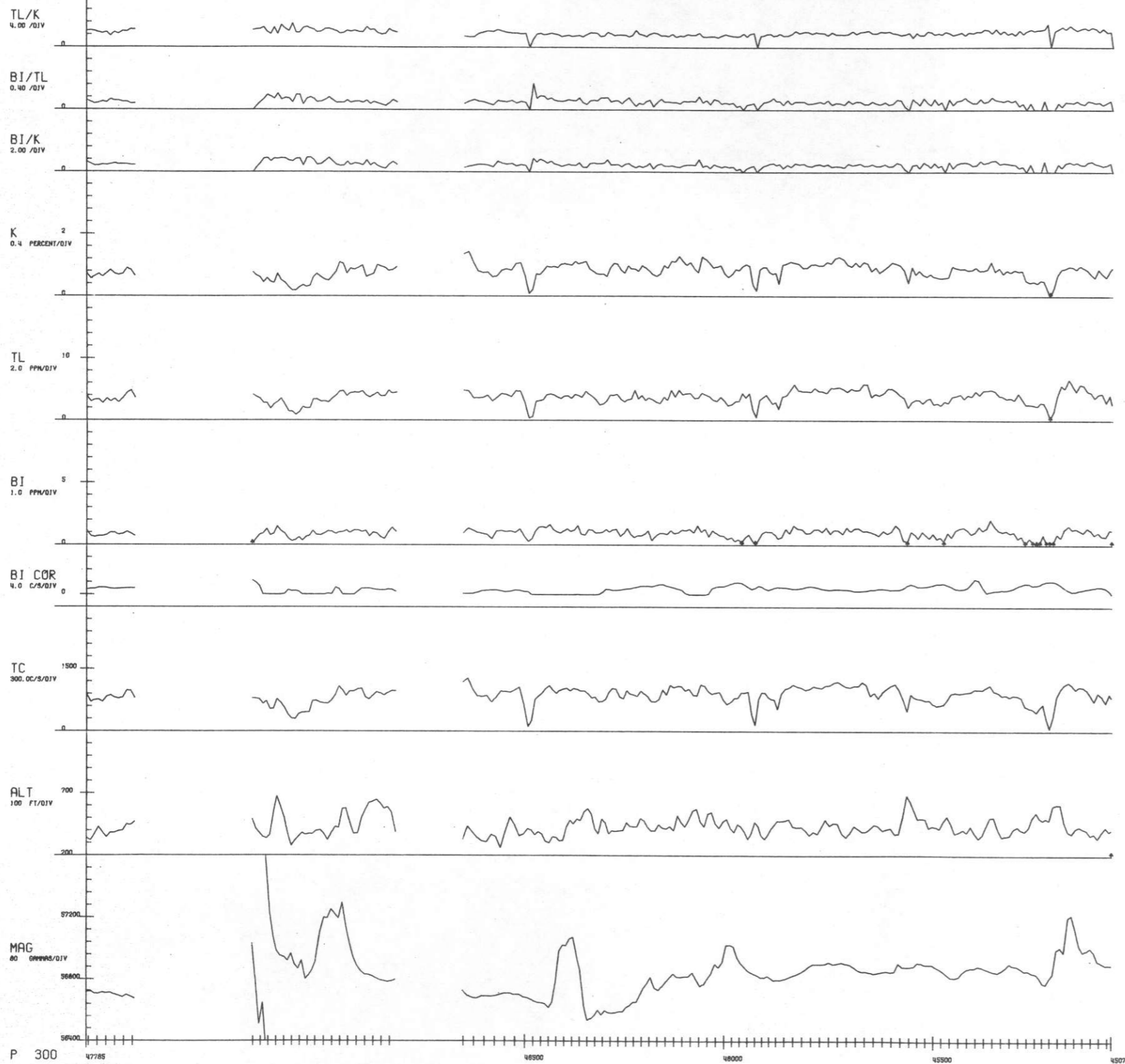
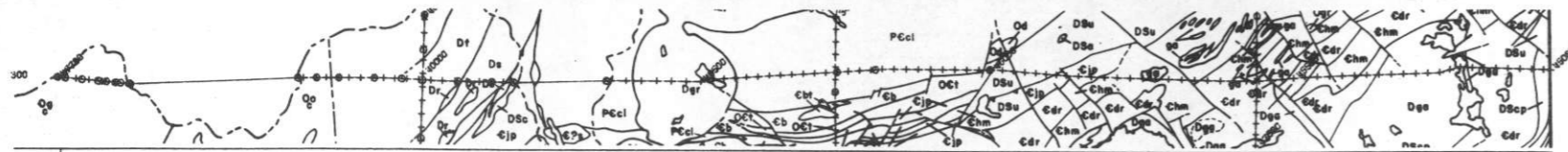


↑ FLAGGED SAMPLE VALUES OF  
K, TL, T INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST

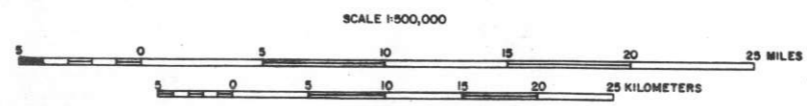


NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

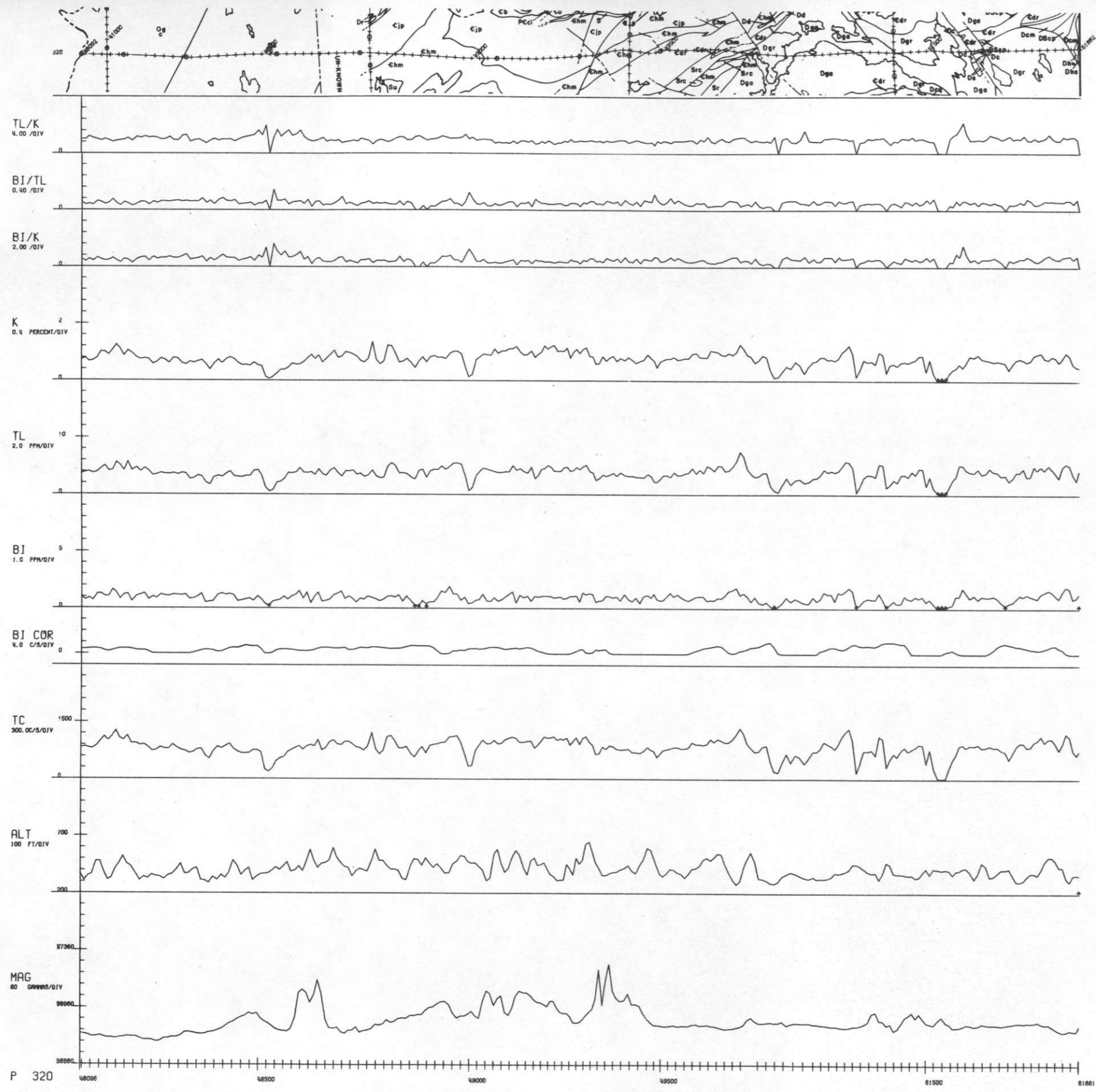




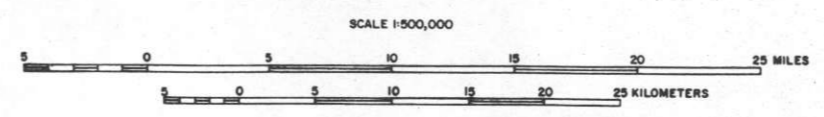
↑ FLAGGED SAMPLE VALUES OF  
K, U, T INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

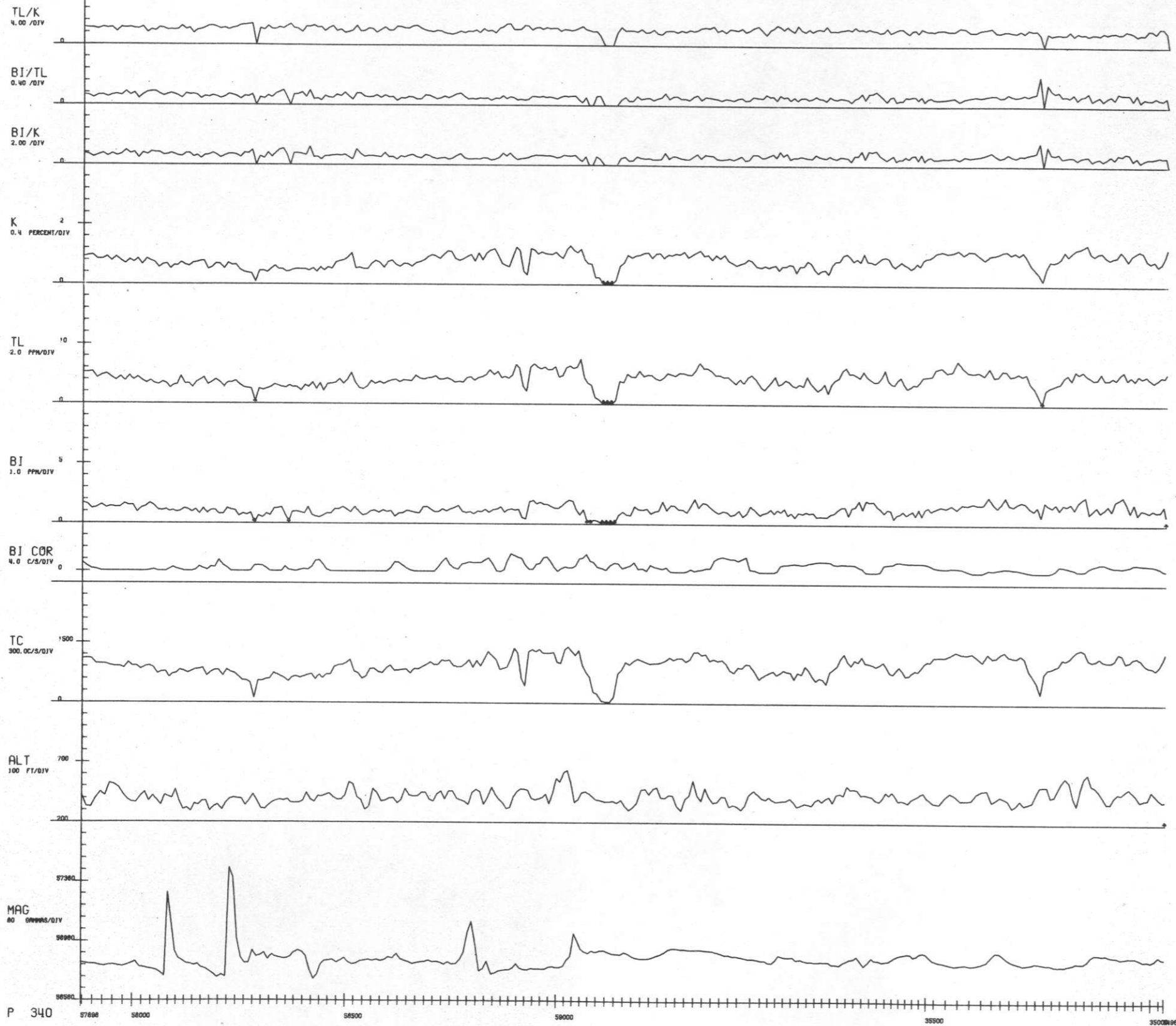
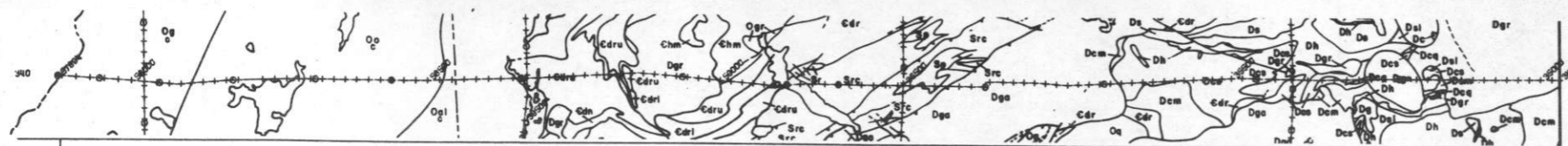


↑ FLAGGED SAMPLE VALUES OF  
K,U,T INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST

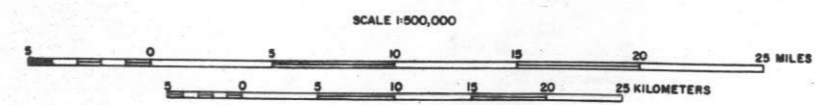


NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

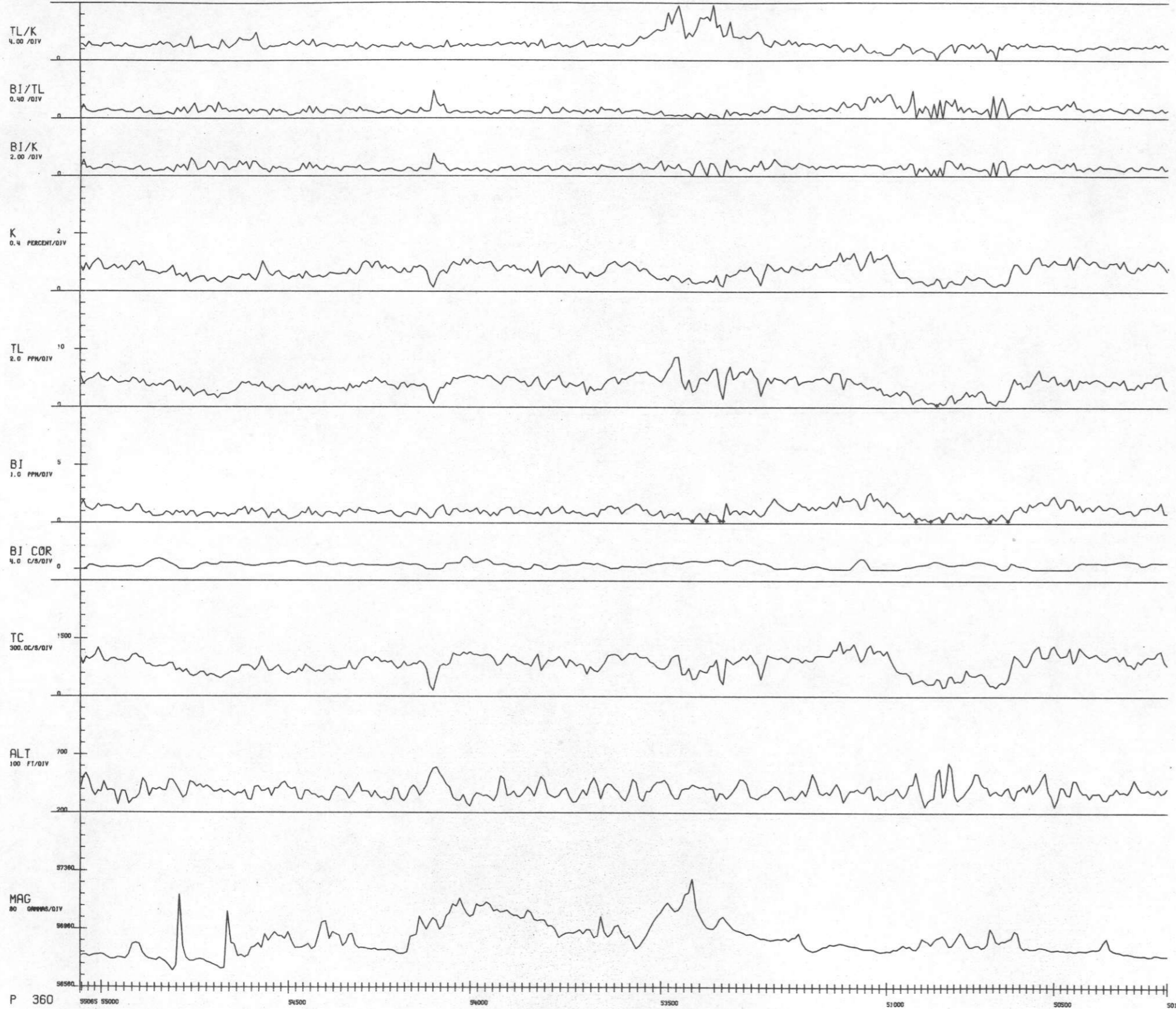
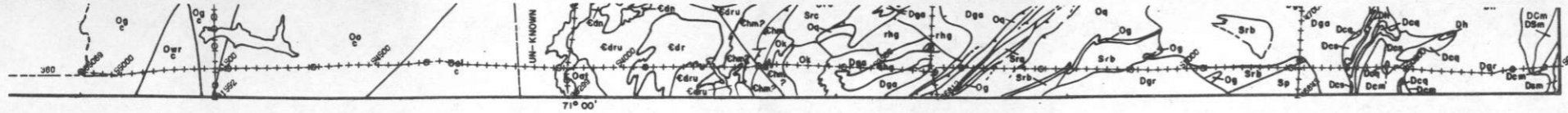




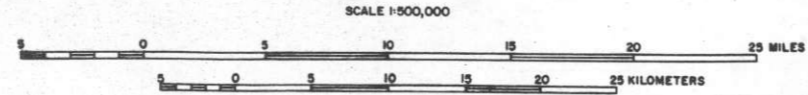
↑ FLAGGED SAMPLE VALUES OF  
K, T INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

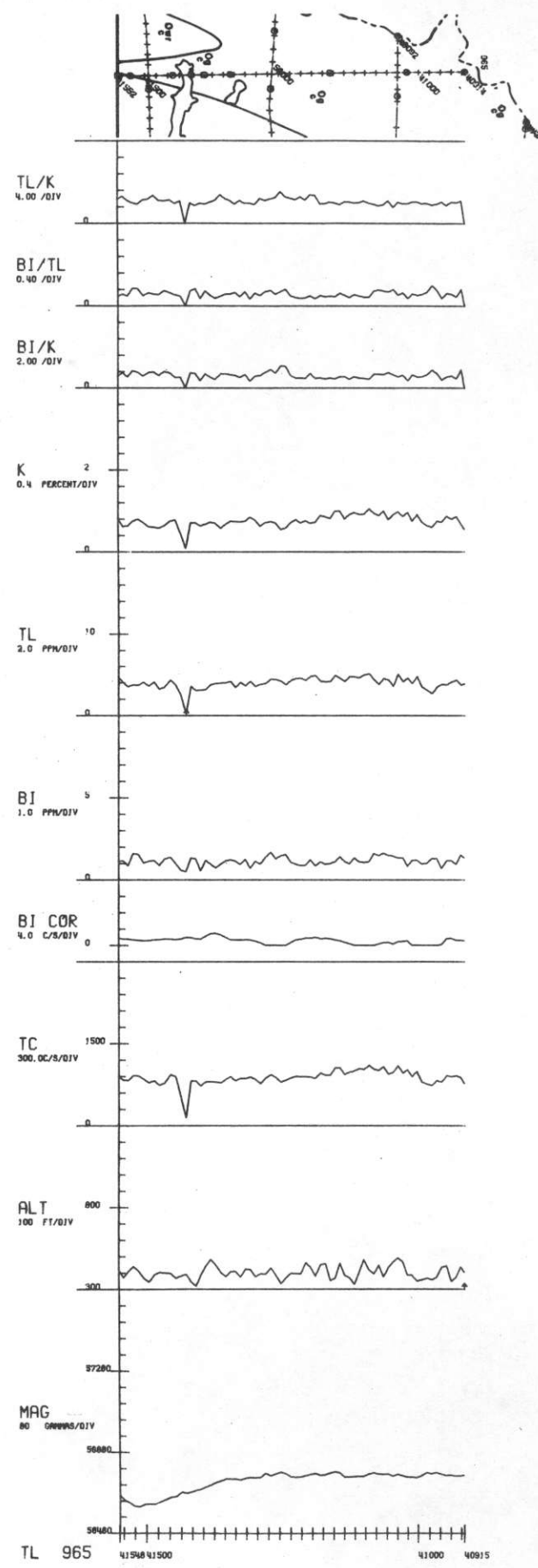


↑ FLAGGED SAMPLE VALUES OF K, U, T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST

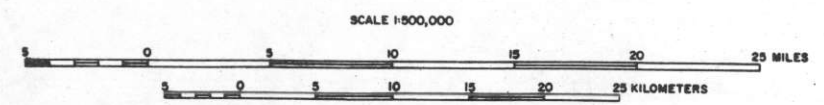


NURE AERIAL GAMMA-RAY AND MAGNETIC RECONNAISSANCE SURVEY  
 MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
 1980-1981  
 BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
 PREPARED FOR  
 DEPARTMENT OF ENERGY

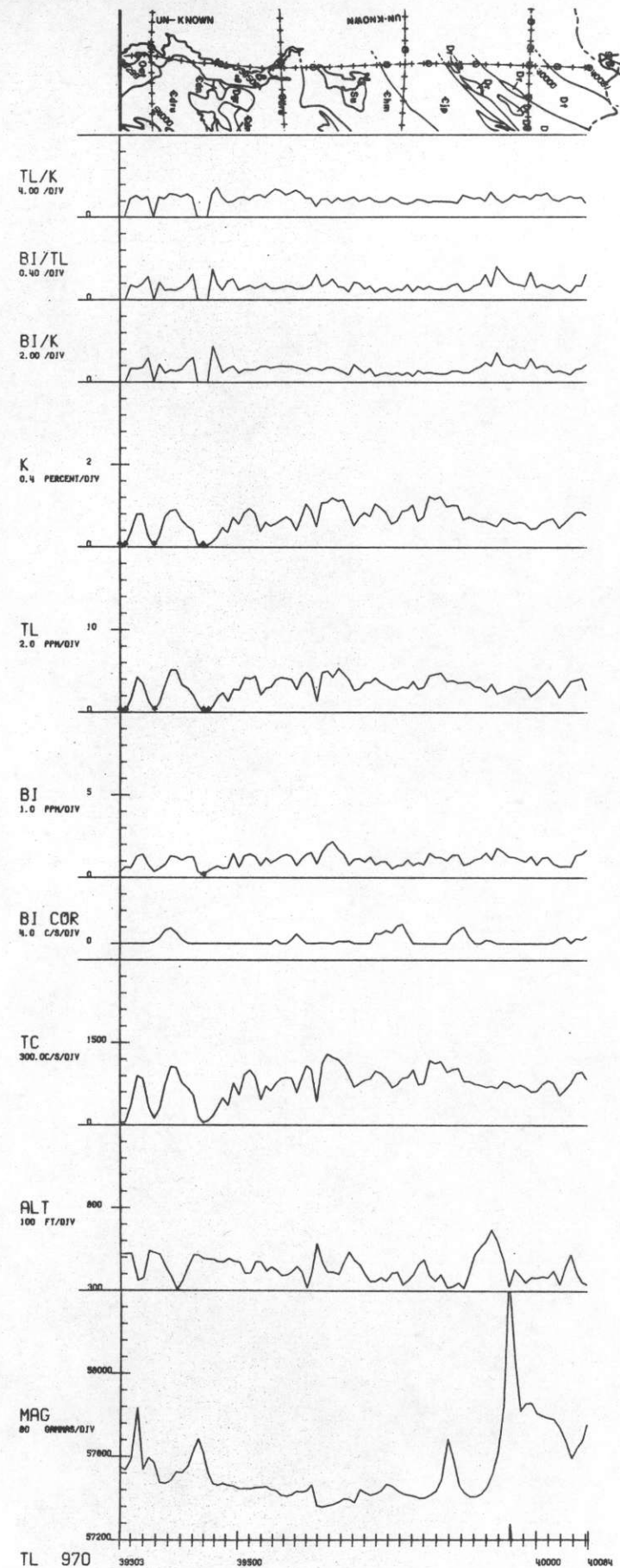




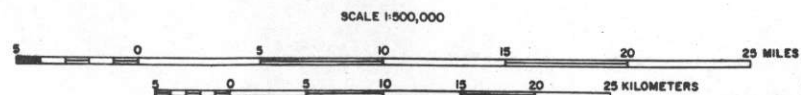
↑ FLAGGED SAMPLE VALUES OF  
K, TL INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY



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



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

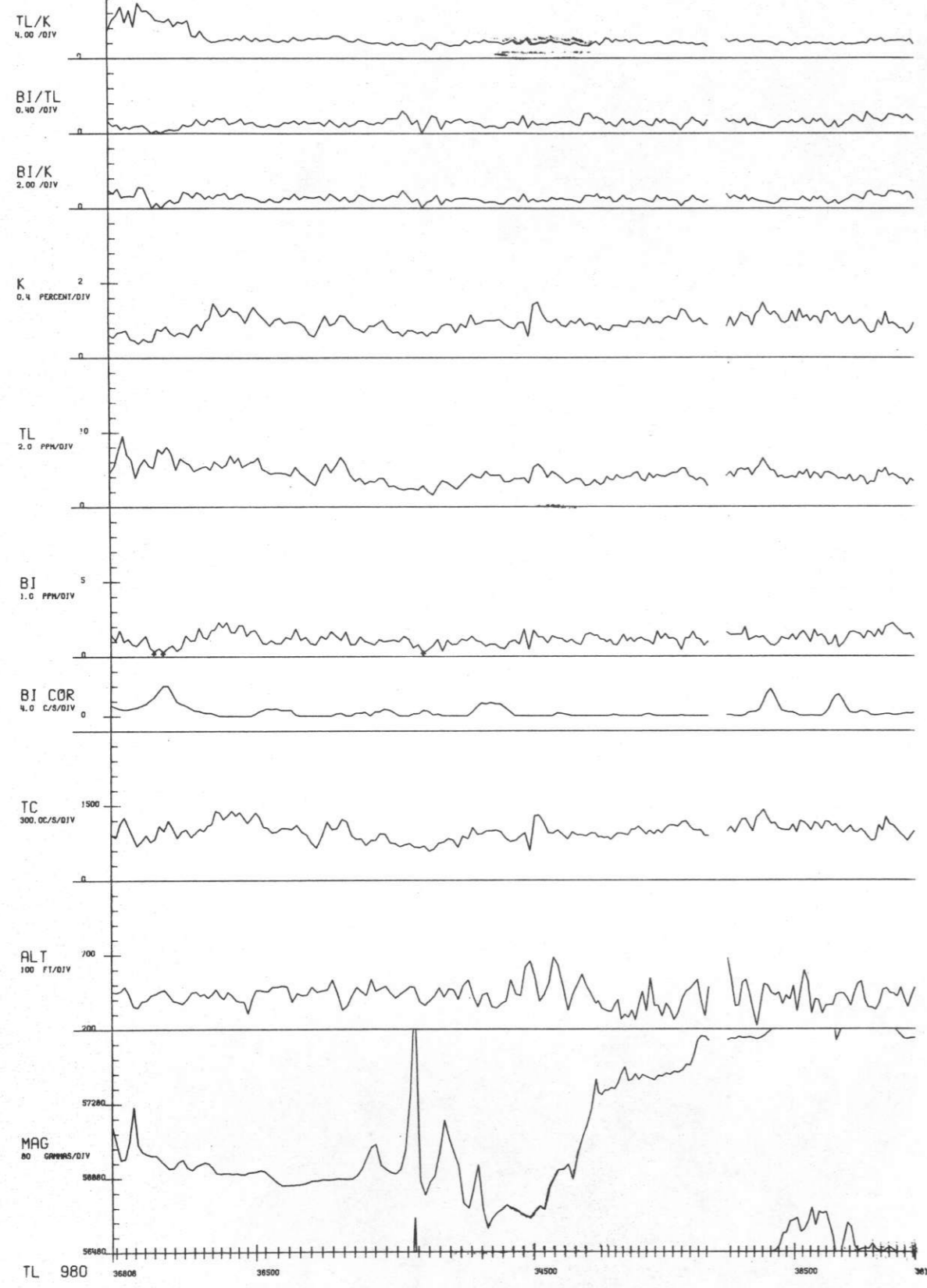
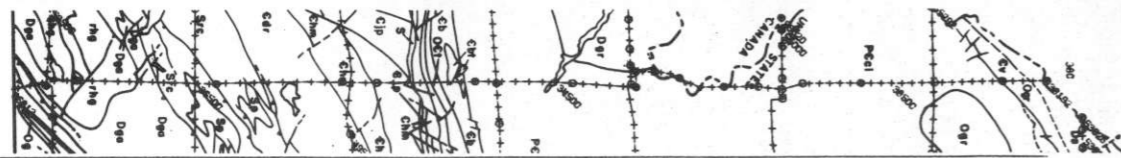
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

1980-1981

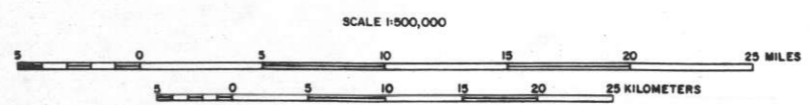
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

PREPARED FOR  
DEPARTMENT OF ENERGY

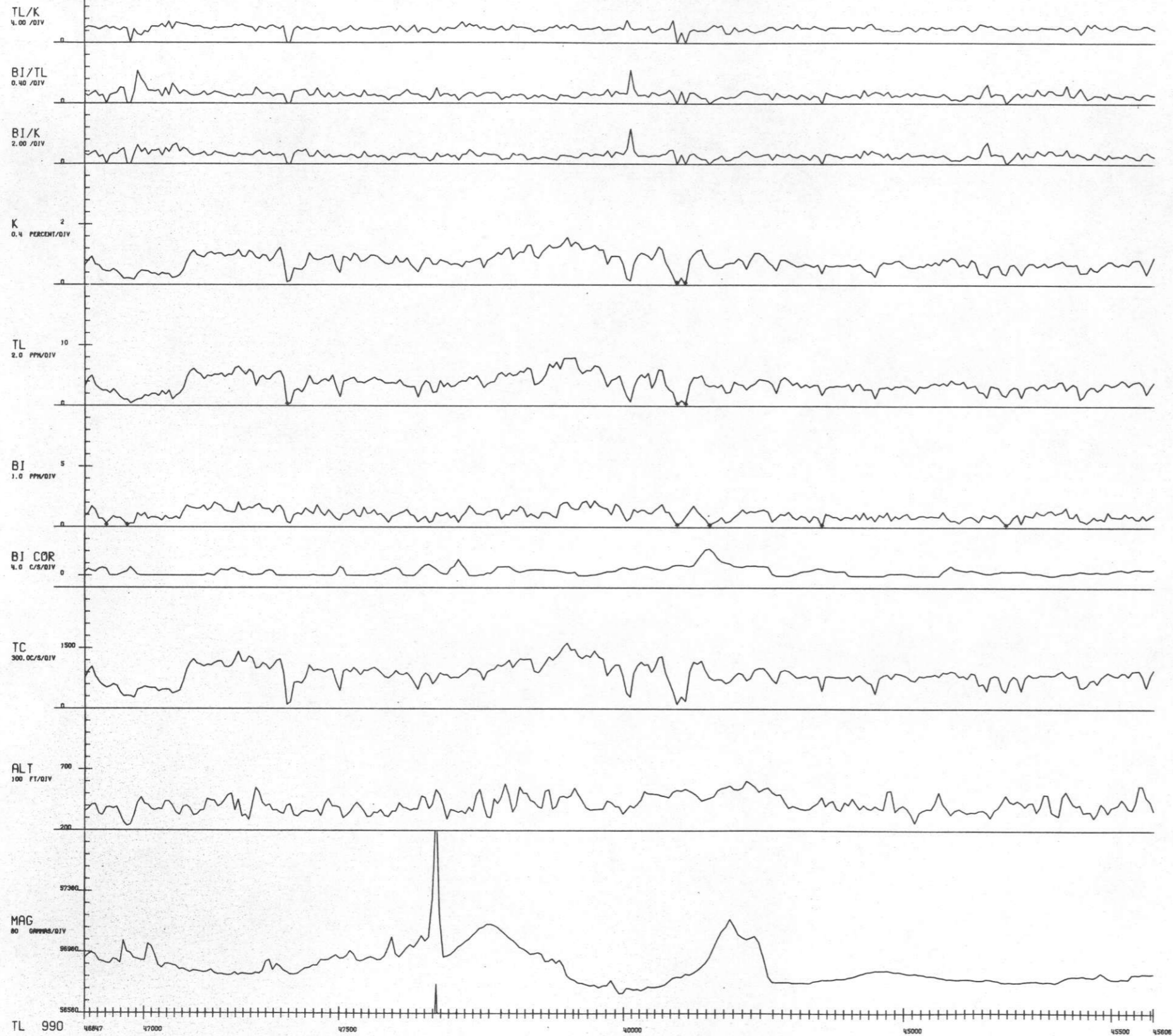
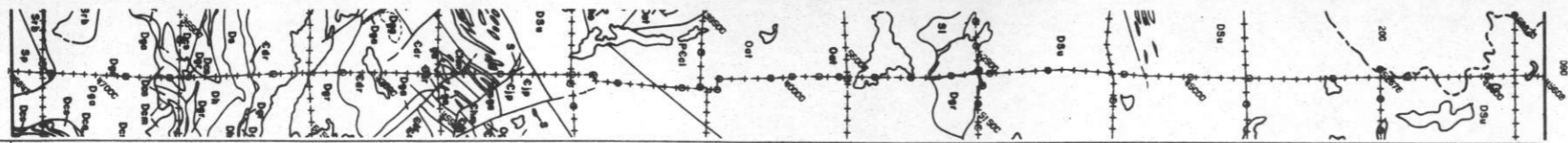




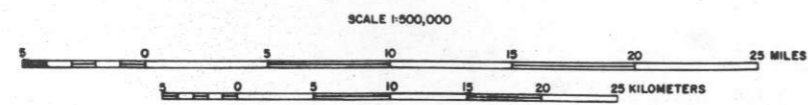
↑ FLAGGED SAMPLE VALUES OF  
K,J,T INDICATES DATA FAILED  
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY



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



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

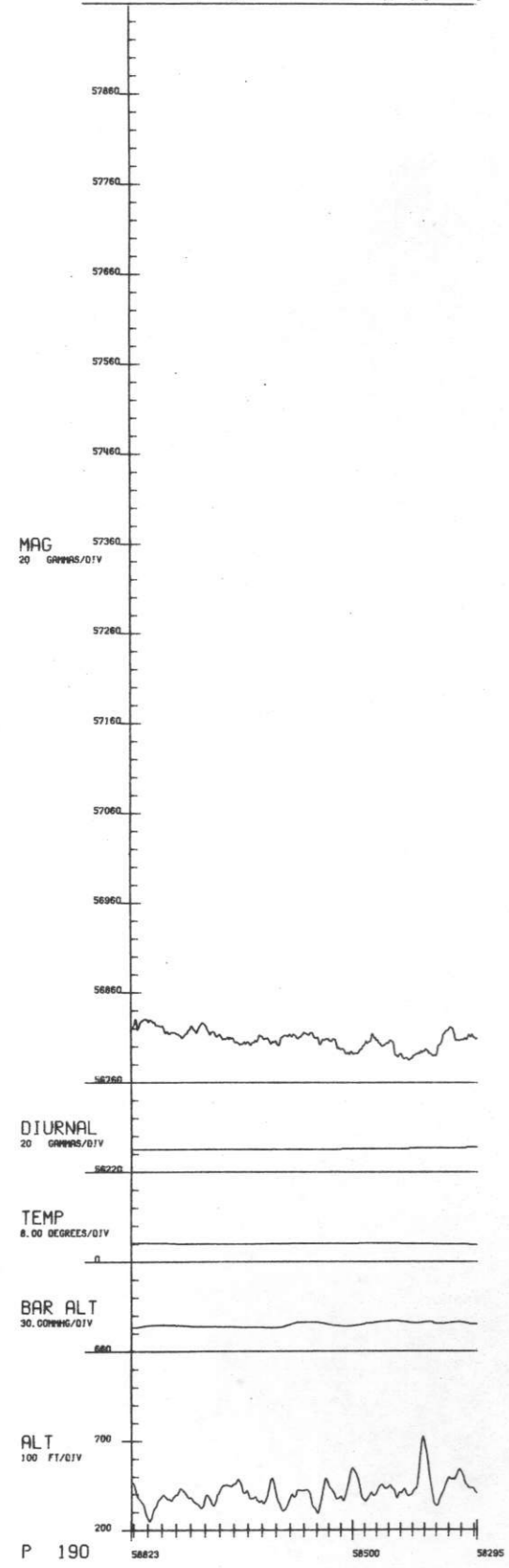
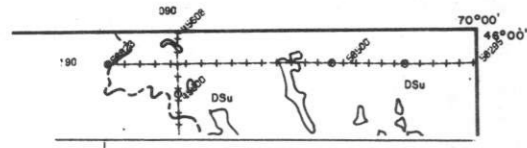
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

1980-1981

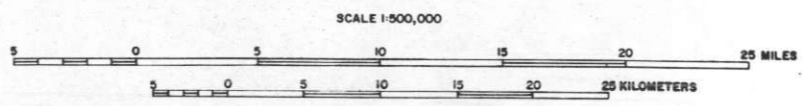
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

PREPARED FOR  
DEPARTMENT OF ENERGY





↑ EXCEEDS ALTITUDE SPECIFICATIONS



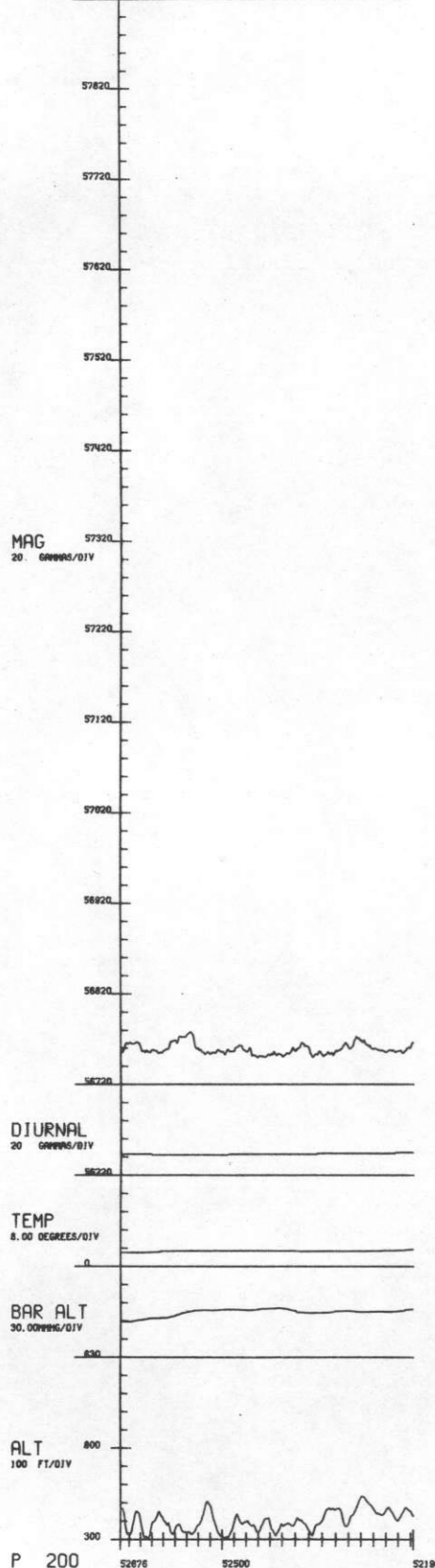
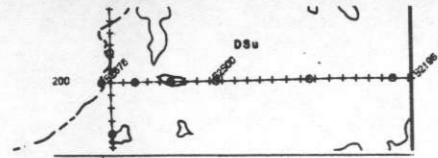
NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

**MAINE-SHERBROOKE NL 19-7 QUADRANGLE**  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

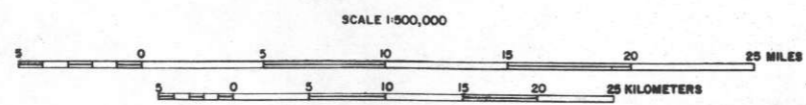
1980-1981

BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

PREPARED FOR  
DEPARTMENT OF ENERGY

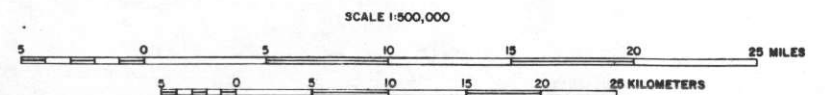
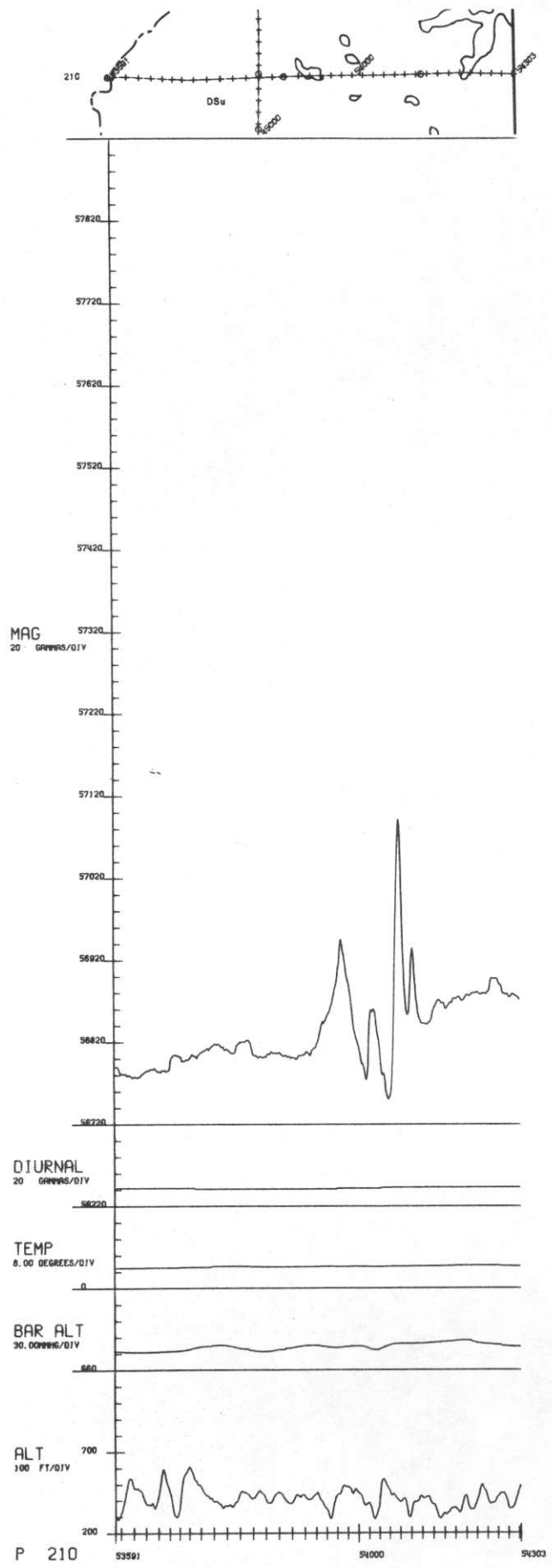


↑ EXCEEDS ALTITUDE SPECIFICATIONS

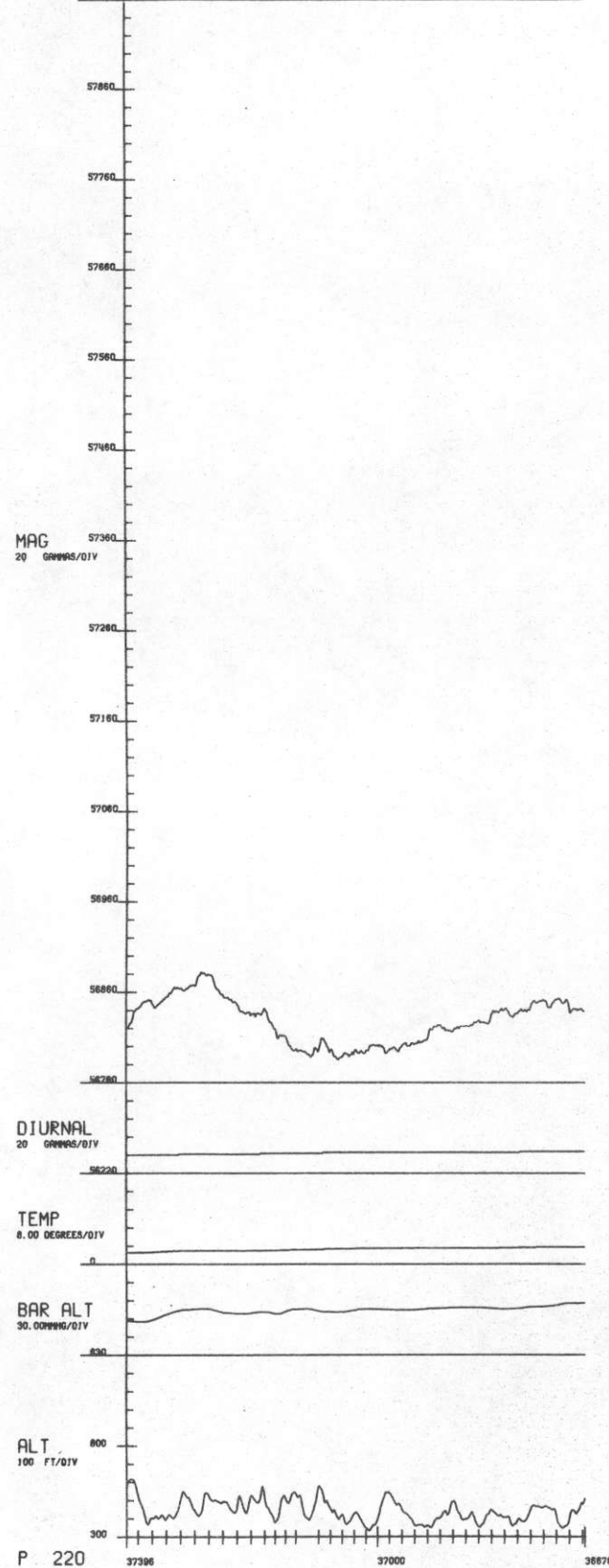
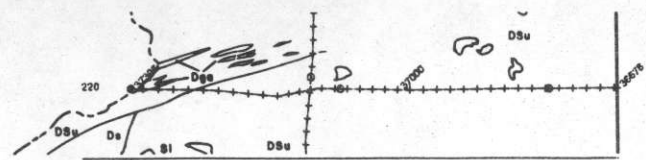


NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

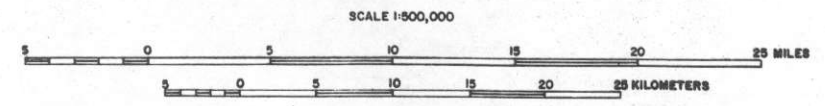




NURE AERIAL GAMMA-RAY AND MAGNETIC  
 RECONNAISSANCE SURVEY  
**MAINE-SHERBROOKE NL 19-7 QUADRANGLE**  
 MAGNETIC AND ANCILLARY STACKED PROFILE DATA  
 1980-1981  
 BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
 PREPARED FOR  
 DEPARTMENT OF ENERGY

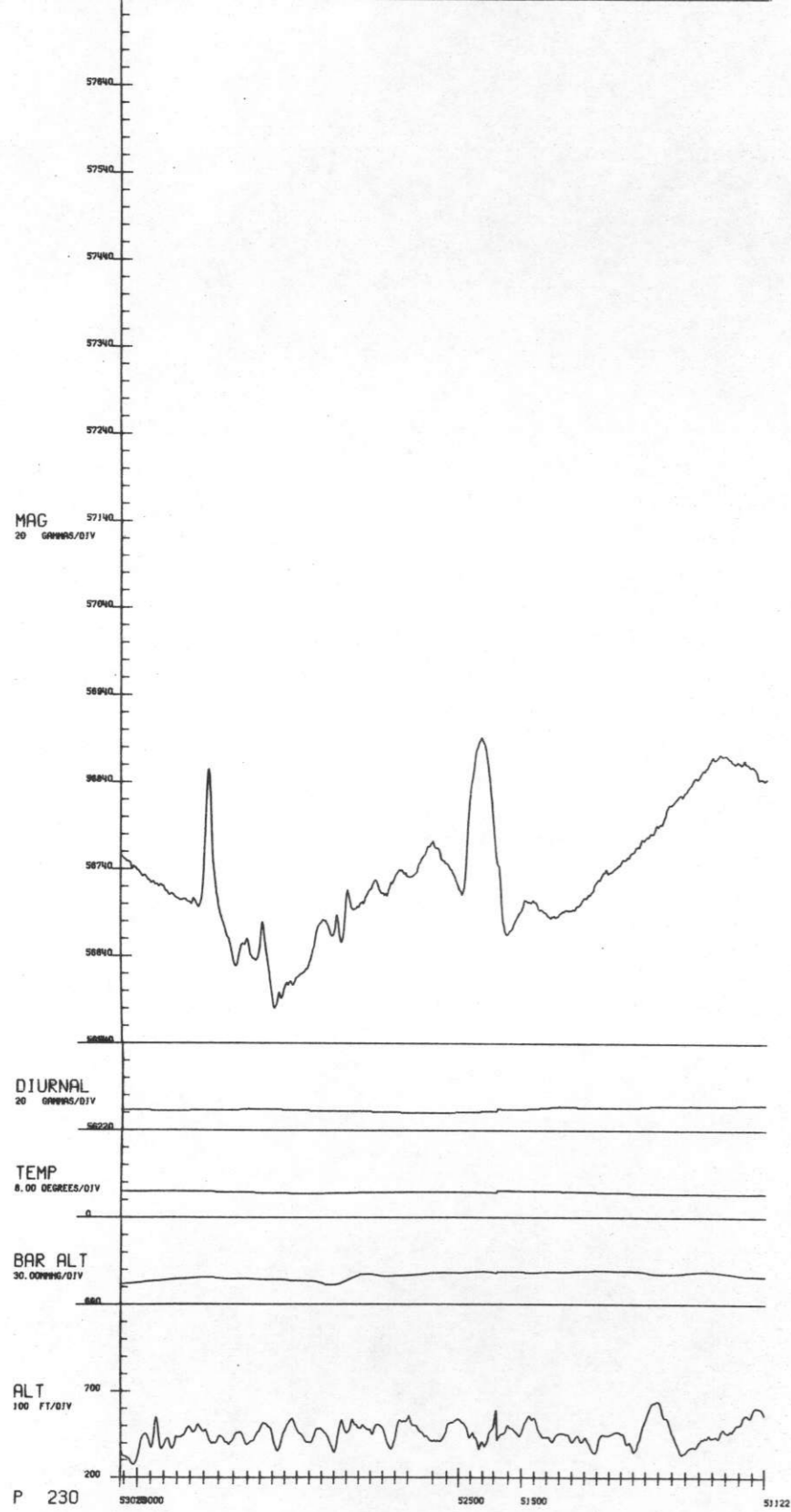


↑ EXCEEDS ALTITUDE SPECIFICATIONS

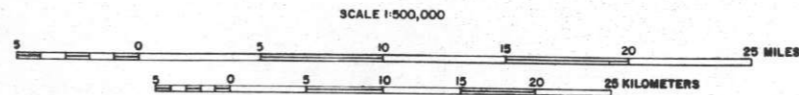


NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY





↑ EXCEEDS ALTITUDE SPECIFICATIONS



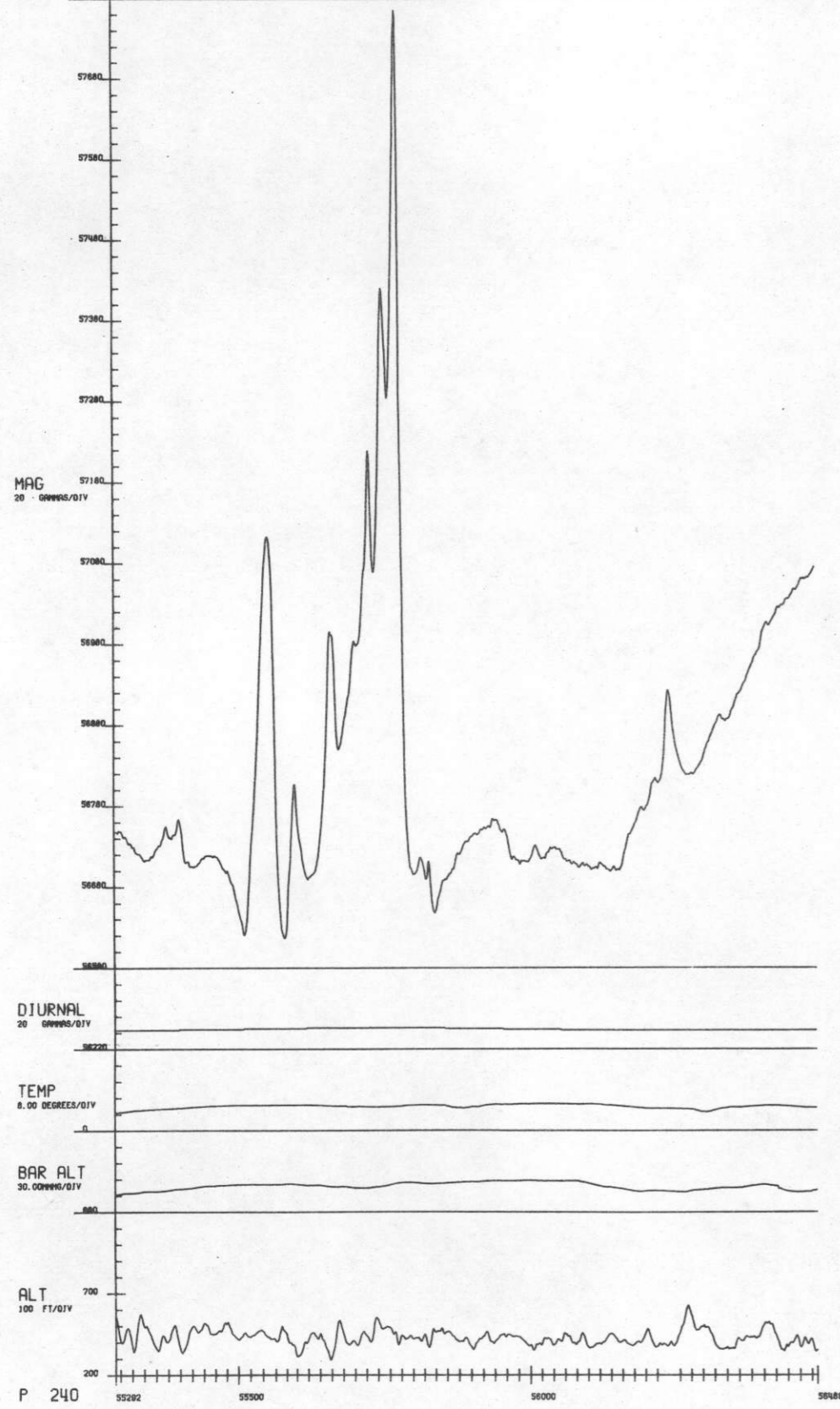
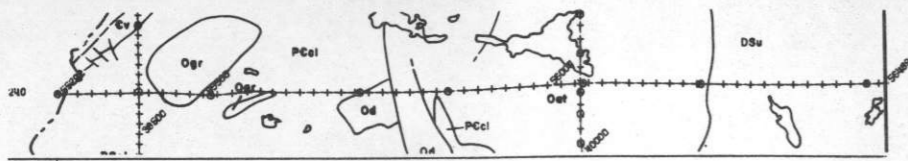
NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

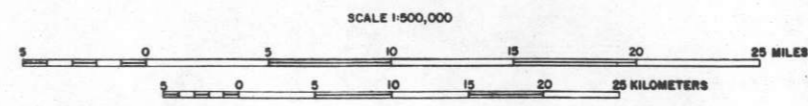
1980-1981

BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

PREPARED FOR  
DEPARTMENT OF ENERGY

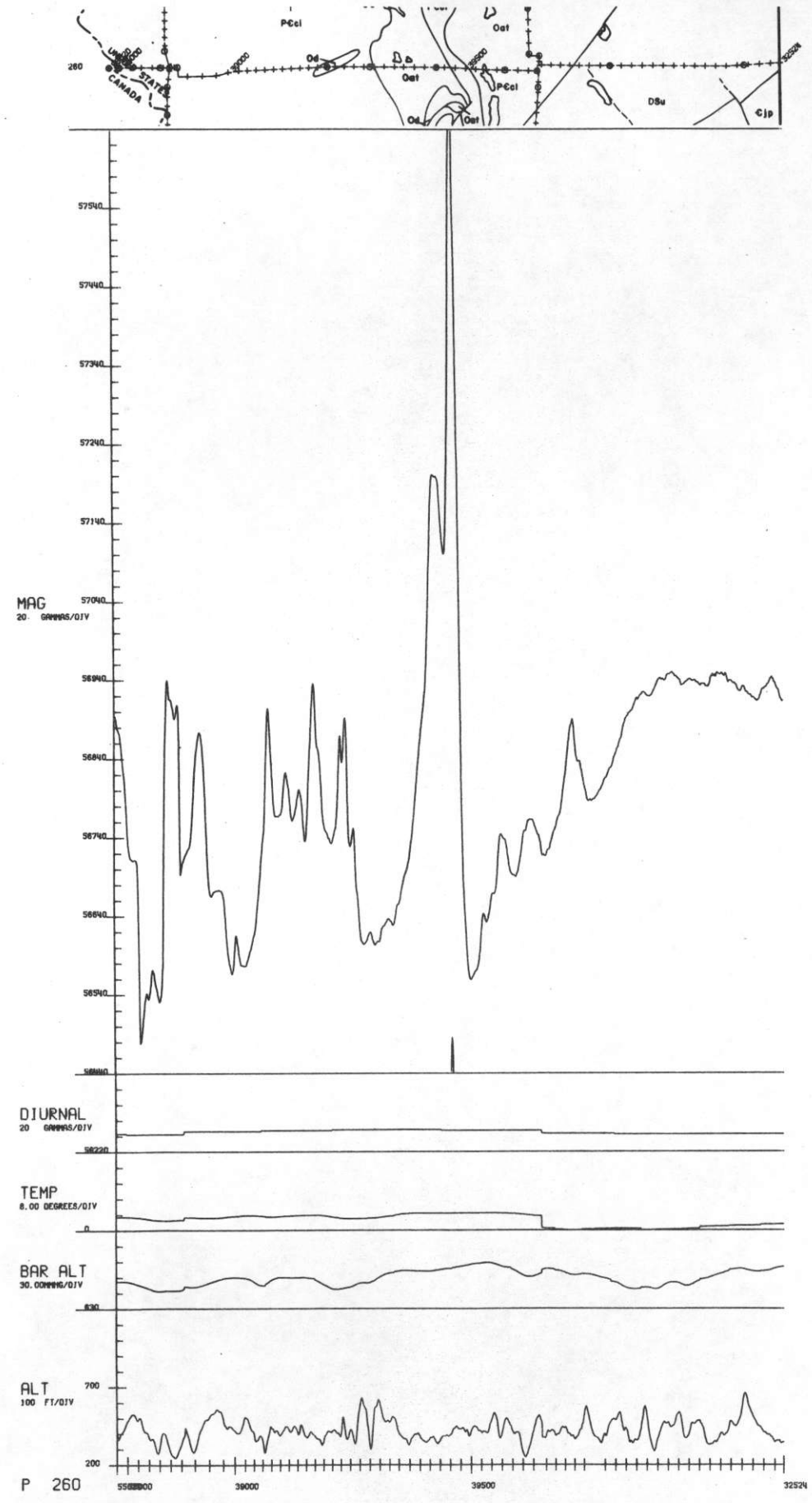


↑ EXCEEDS ALTITUDE SPECIFICATIONS

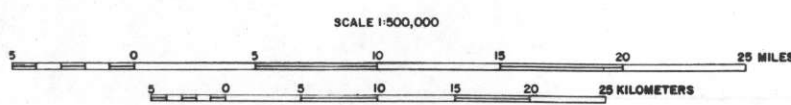


NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

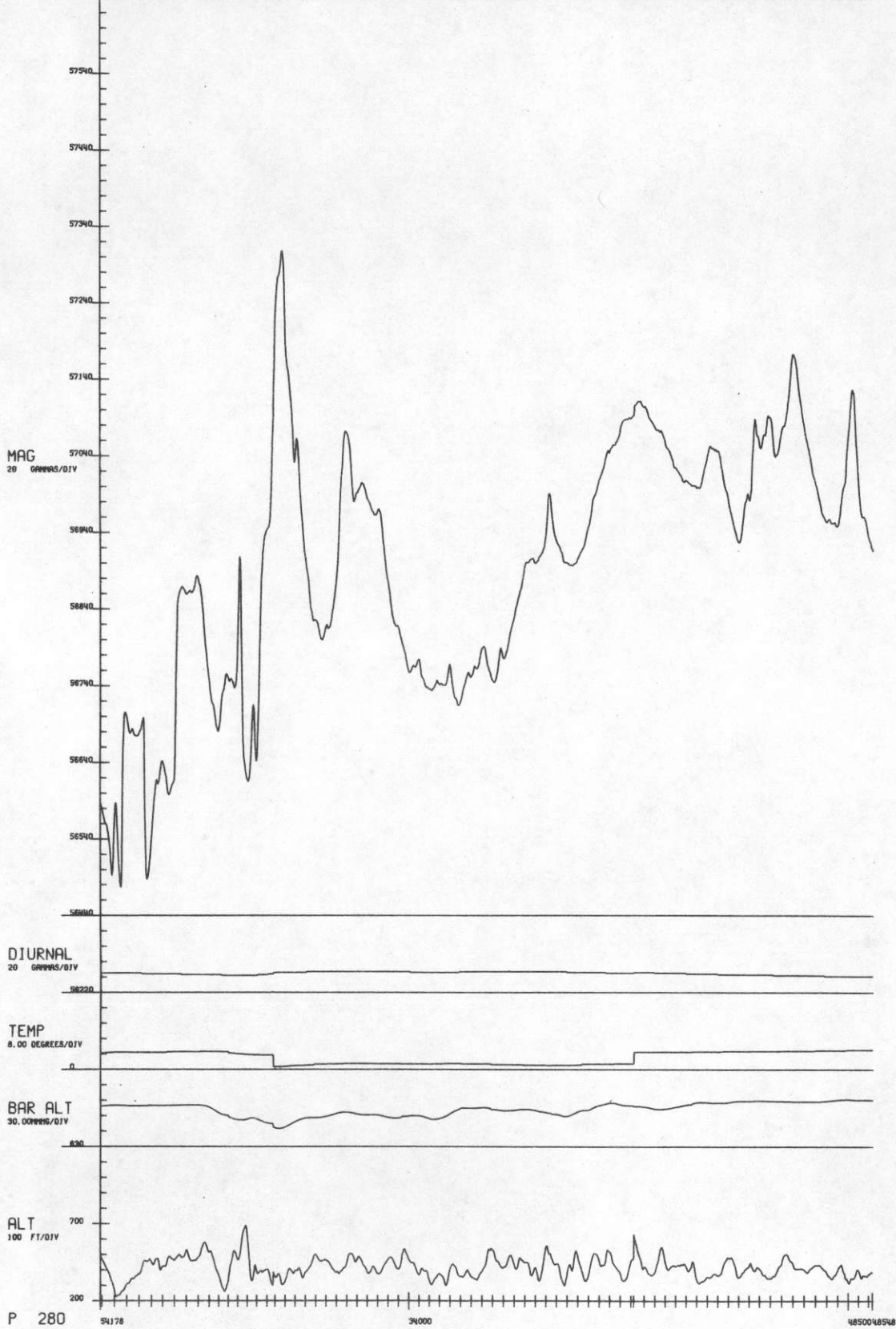
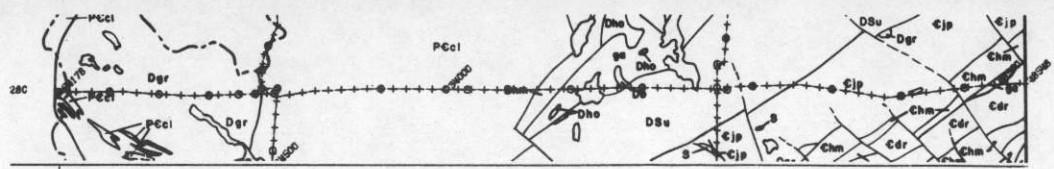




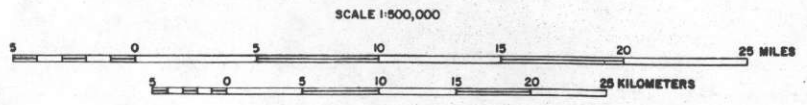
↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

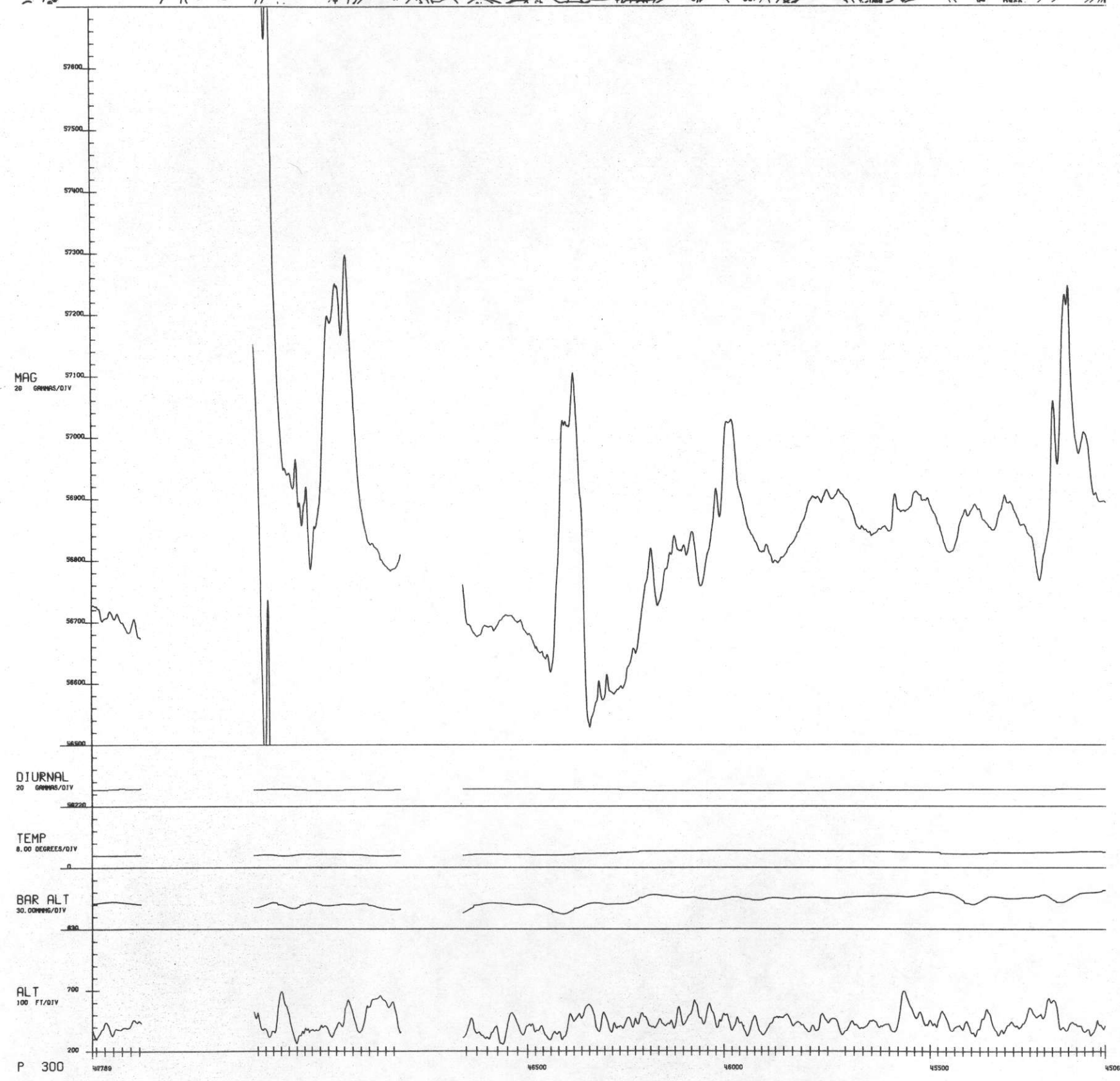
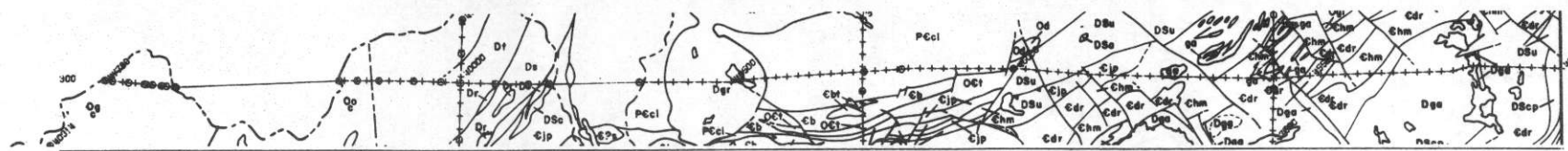


↑ EXCEEDS ALTITUDE SPECIFICATIONS

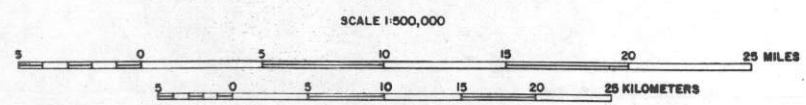


NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY





↑ EXCEEDS ALTITUDE SPECIFICATIONS



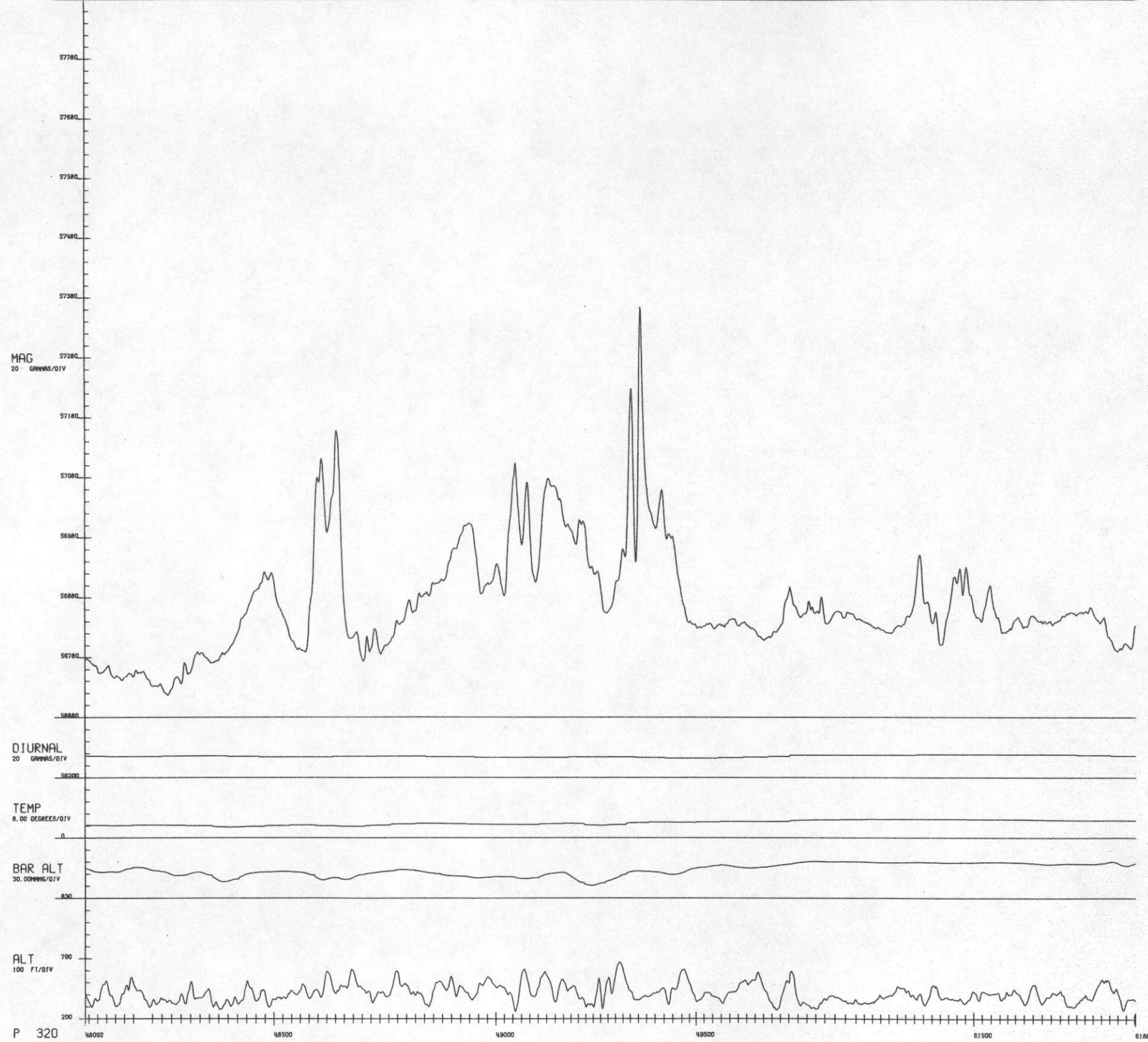
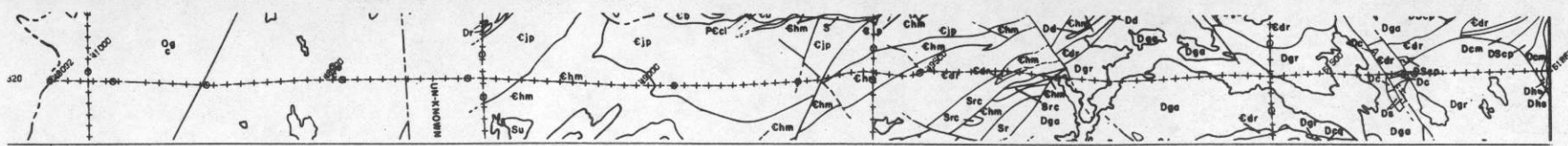
NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

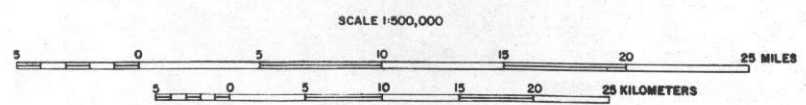
1980-1981

BY: CARSON HELICOPTERS, INC. 32-M BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

PREPARED FOR  
DEPARTMENT OF ENERGY



↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

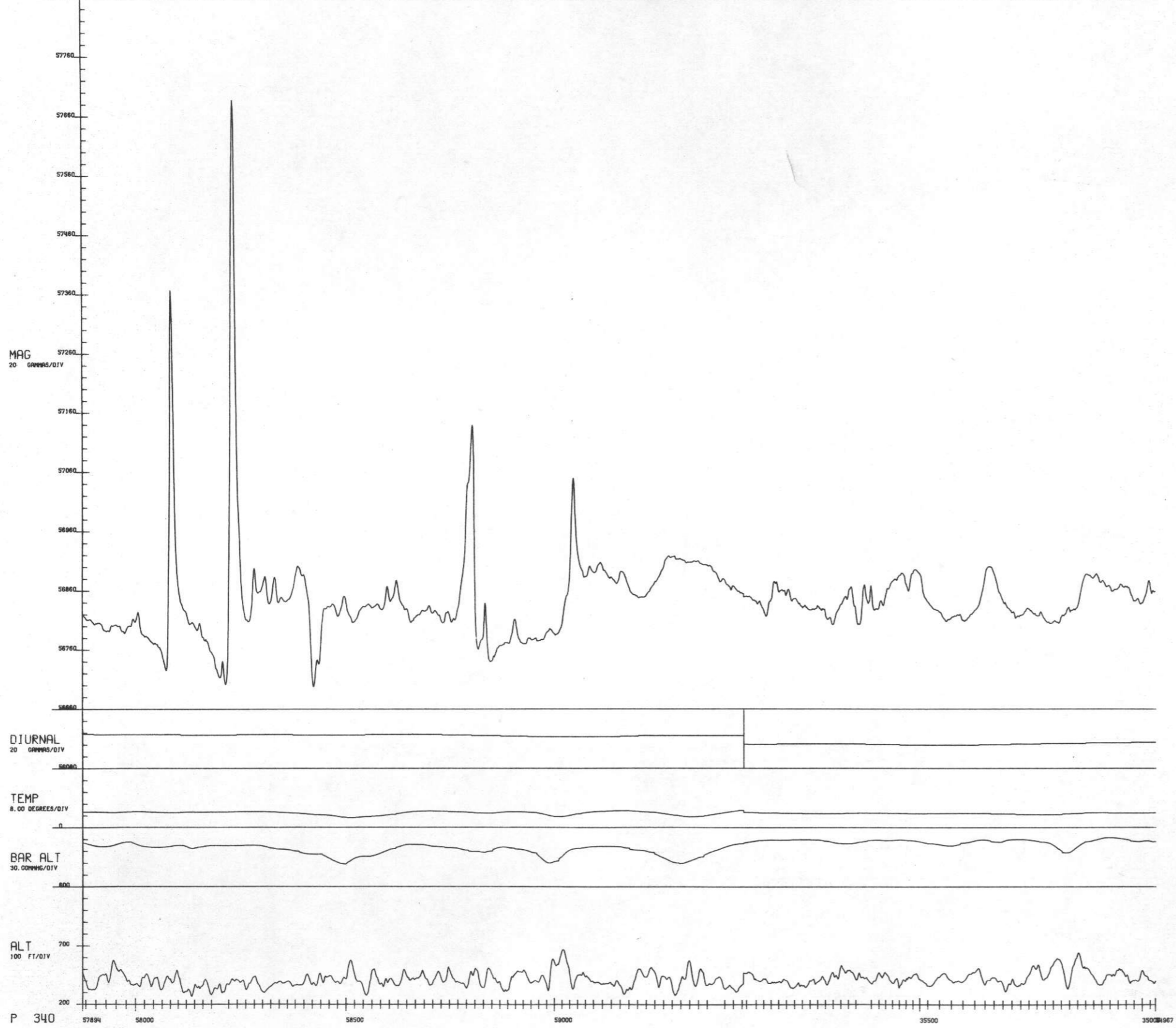
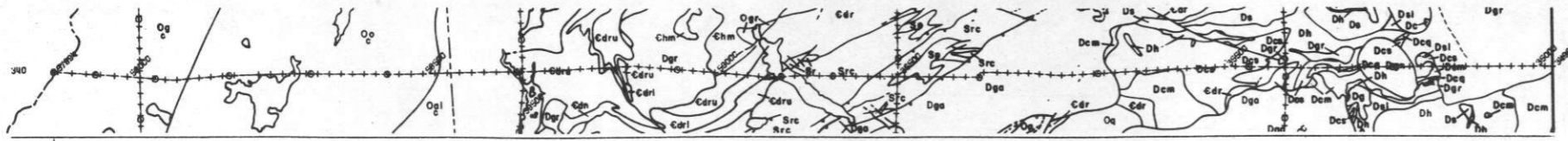
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

1980-1981

BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

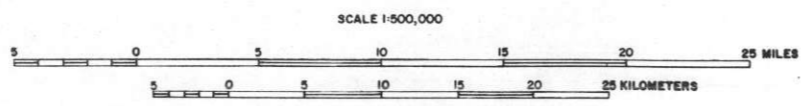
PREPARED FOR  
DEPARTMENT OF ENERGY



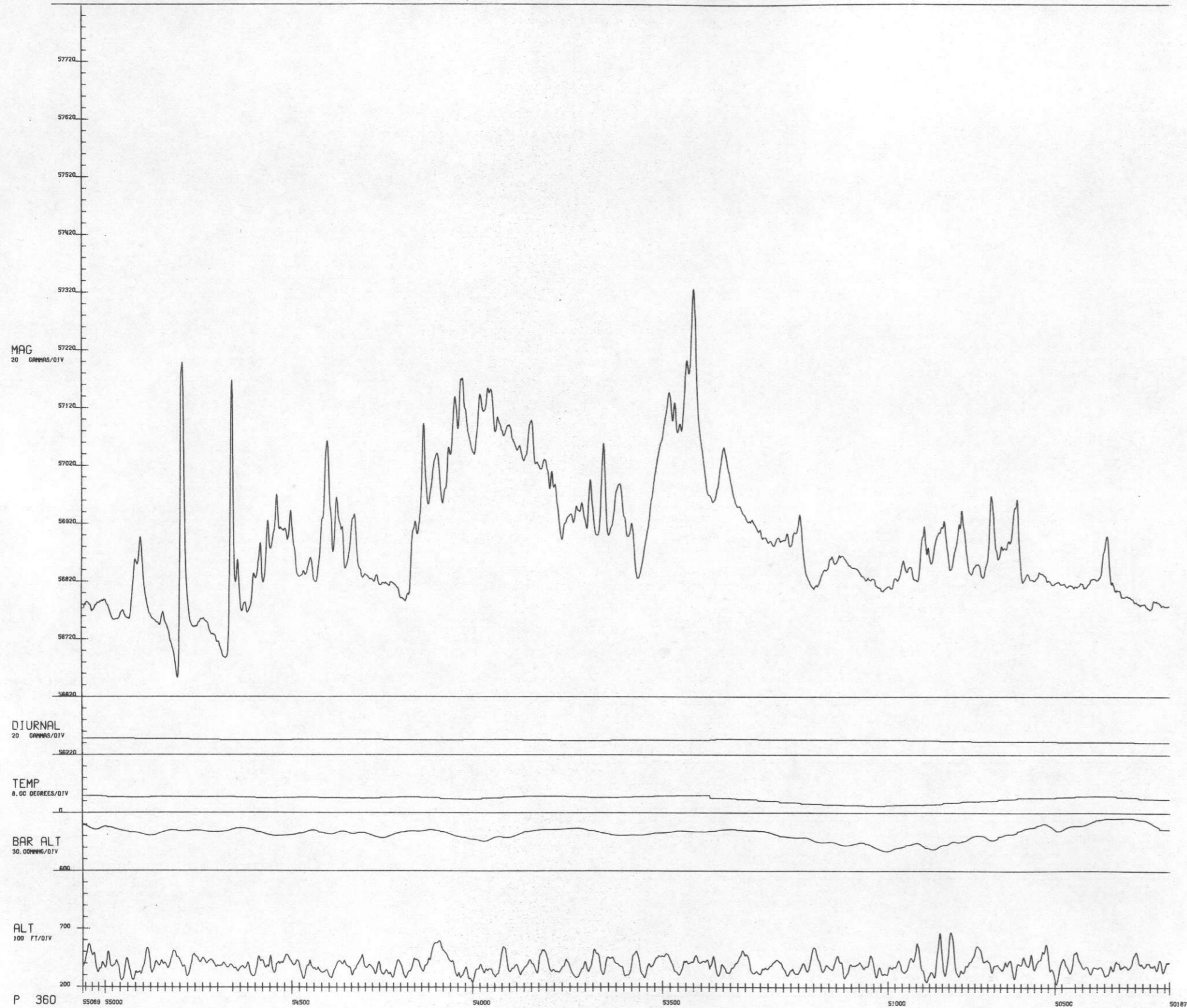
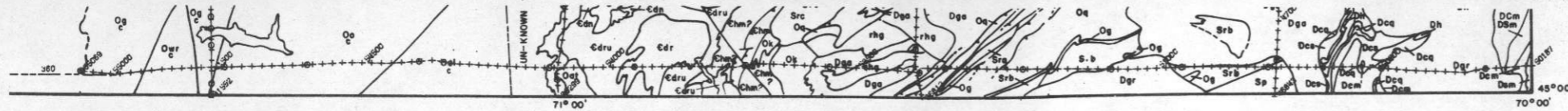


P 340

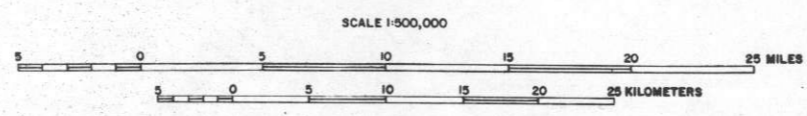
↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

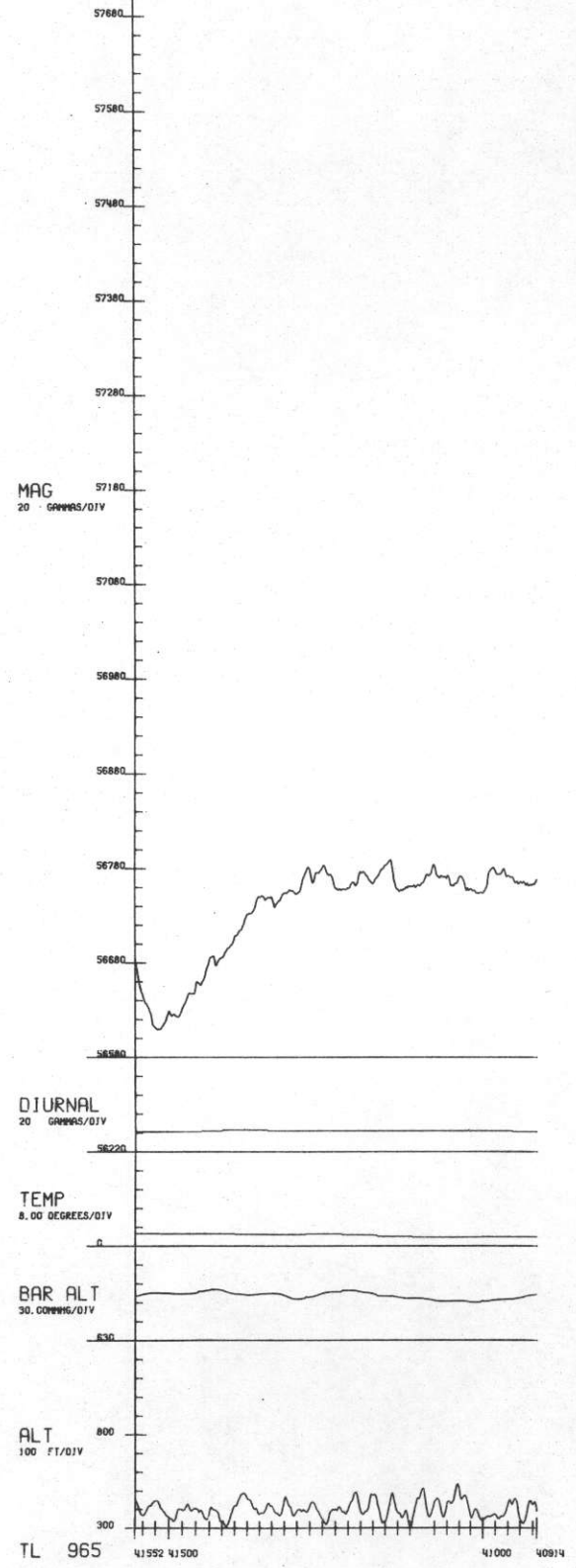
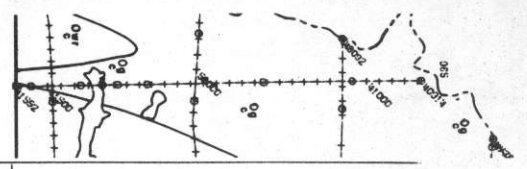


↑ EXCEEDS ALTITUDE SPECIFICATIONS

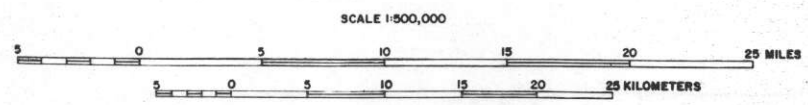


NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

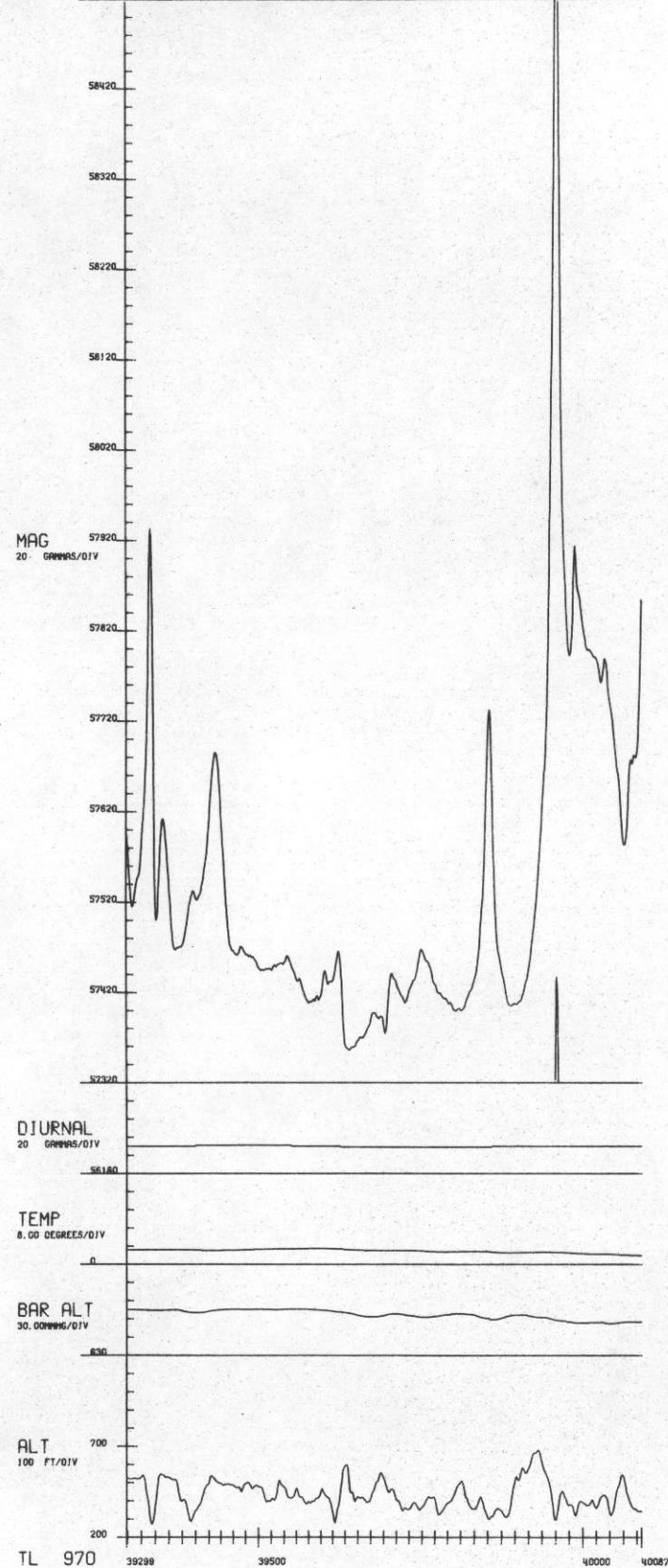
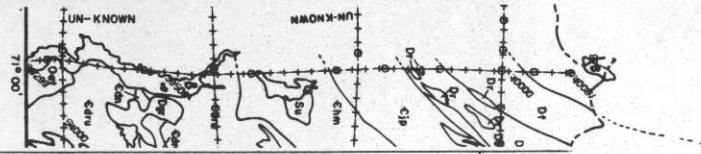




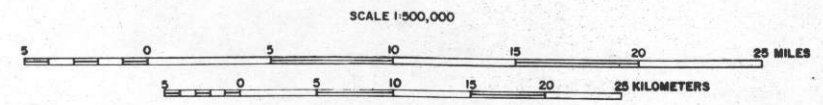
↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY

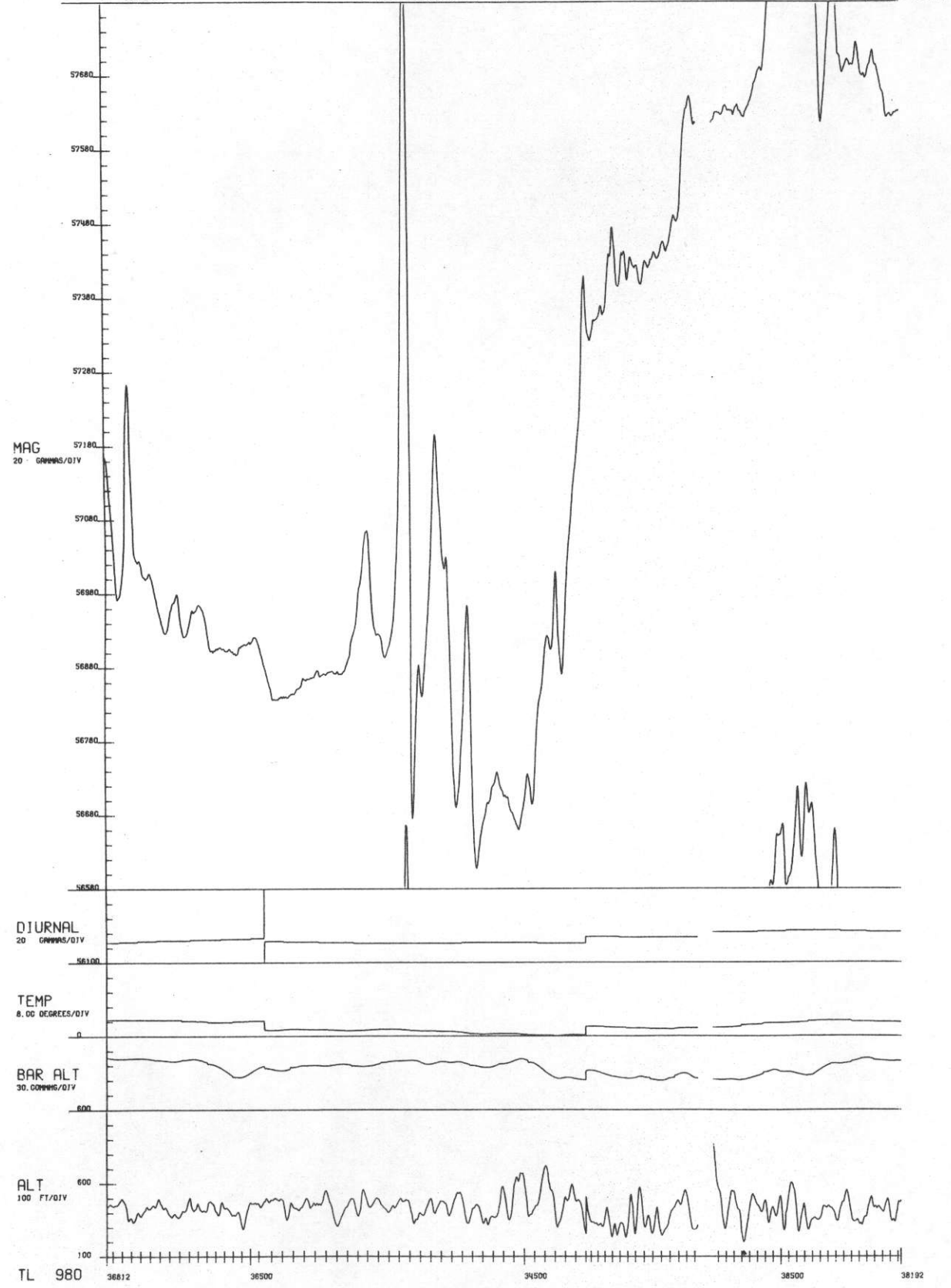
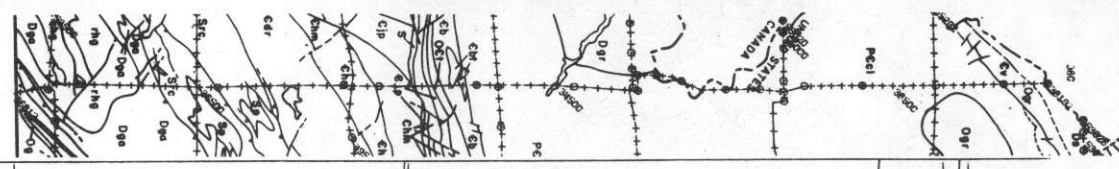


↑ EXCEEDS ALTITUDE SPECIFICATIONS

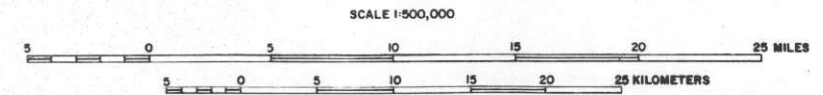


NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY  
MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA  
1980-1981  
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944  
PREPARED FOR  
DEPARTMENT OF ENERGY





↑ EXCEEDS ALTITUDE SPECIFICATIONS



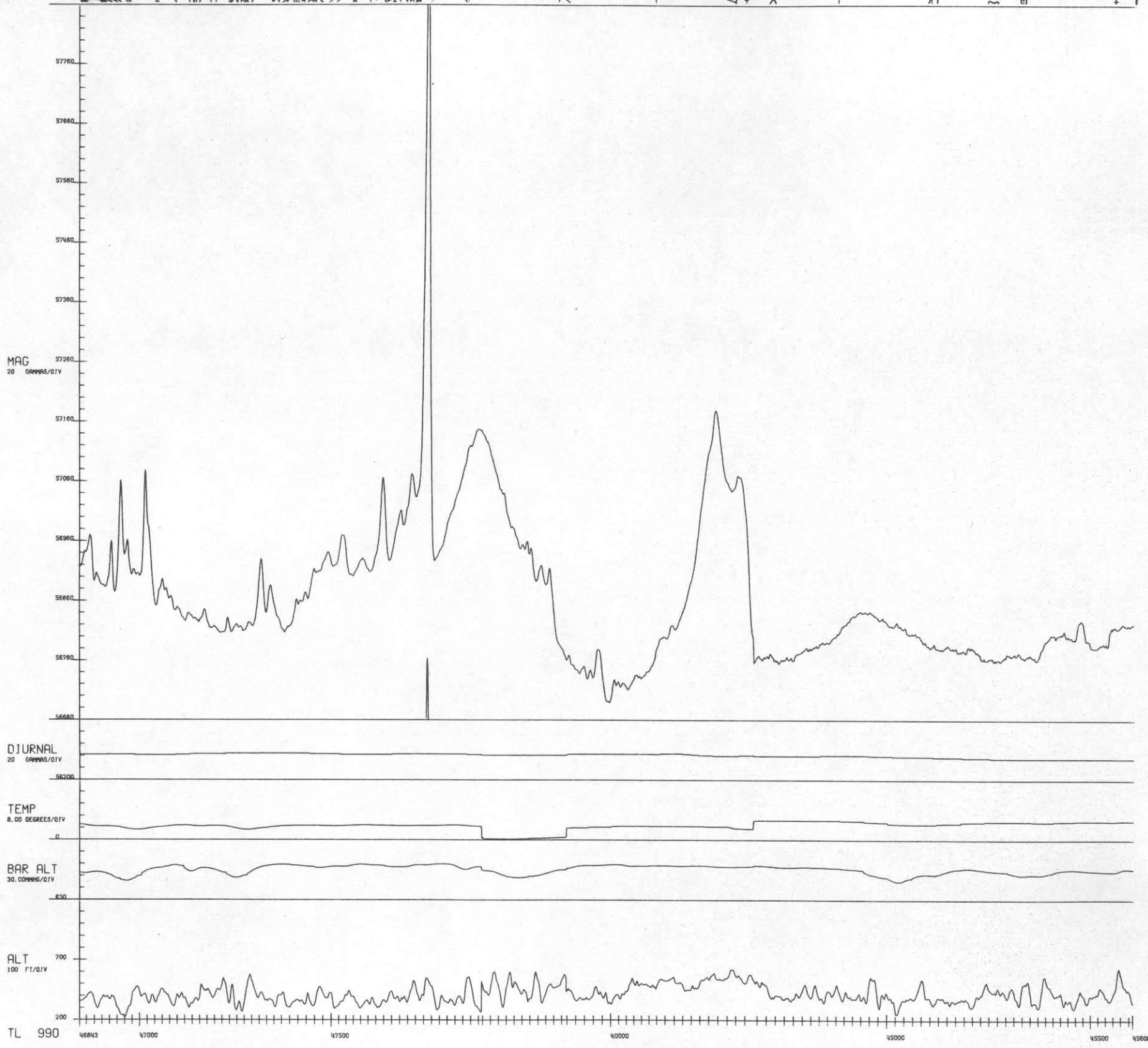
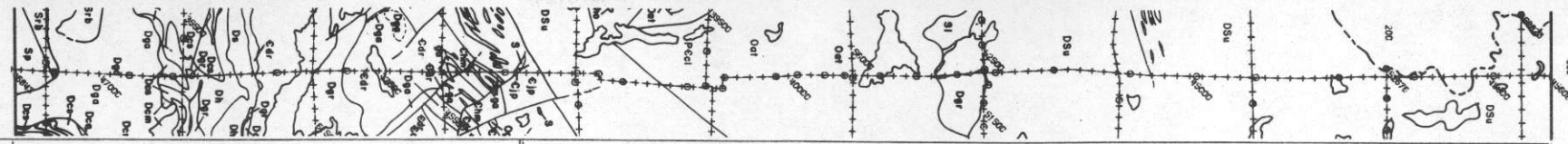
NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

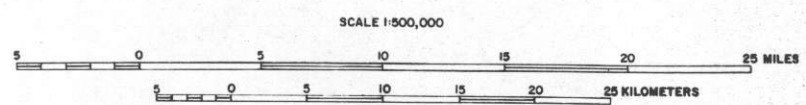
1980-1981

BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

PREPARED FOR  
DEPARTMENT OF ENERGY



↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA-RAY AND MAGNETIC  
RECONNAISSANCE SURVEY

MAINE-SHERBROOKE NL 19-7 QUADRANGLE  
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

1980-1981

BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

PREPARED FOR  
DEPARTMENT OF ENERGY



MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Dgr

POTASSIUM %  
RECORDS 184

20. X X  
19. X X X  
18. X XX XX  
17. X XX XX  
16. X XX XX  
15. XXXXXX  
14. XXXXXX  
13. XXXXXX  
12. XXXXXX  
11. XXXXXX  
10. XXXXXX  
9. XXXXXX  
8. XXXXXX  
7. XXXXXX  
6. XXXXXX  
5. X XXXXXX  
4. XXXXXX  
3. X XXXXXX  
2. X XXXXXX  
1. X XXXXXX  
0..... 1

MEAN 0.8 SIGMA 0.3

URANIUM PPM  
RECORDS 182

27. X  
25. X  
24. X  
22. XXX  
21. XXX  
20. XXX  
18. XXXX  
17. XXXXX  
16. XXXXX  
14. XXXXX  
13. XXXXX  
12. XXXXX  
10. X XXXXXX  
9. X XXXXXX  
8. X XXXXXX  
6. XX XXXXXX  
5. XX XXXXXX  
4. XXXXXX  
2. XXXXXX  
1. XXXXXX  
0..... 3

MEAN 1.2 SIGMA 0.5

THORIUM PPM  
RECORDS 184

25. X X  
23. X X  
22. X X  
21. X X  
20. X X  
18. XX XXX  
17. XXXXXX  
16. XXXXXX  
15. XXXXXX  
13. XXXXXX  
12. XXXXXX  
11. XXXXXX  
10. XXXXXX  
8. XXXXXX  
7. X XXXXXX  
6. X XXXXXX  
5. XXXXXX  
3. XXXXXX  
2. X XXXXXX  
1. XXXXXX  
0..... 7

MEAN 3.9 SIGMA 1.2

U/K RATIO  
RECORDS 180

29. XX  
27. XX  
26. XXX  
24. XXX  
23. XXX  
21. XXXX  
20. XXXX  
18. XXXXX  
17. XXXXX  
15. XXXXXX  
14. XXXXXX  
13. XXXXXX  
11. XXXXXX  
10. XXXXXX  
8. XXXXXX  
7. XXXXXX  
5. XXXXXX  
4. XXXXXX  
2. XXXXXX  
1. XXXXXX  
0..... 3

MEAN 1.5 SIGMA 0.4

U/T RATIO  
RECORDS 180

35. X  
33. X  
31. X  
29. X  
28. XX  
26. XXX  
24. XXX  
22. XXXX  
21. XXXX  
19. XXXX  
17. XXXX  
15. XXXX  
14. XXXX  
12. XXXXX  
10. XXXXXX  
8. XXXXXX  
7. XXXXXX  
5. XXXXXX  
3. XXXXXX  
1. XXXXXX  
0..... 1

MEAN 0.3 SIGMA 0.1

T/K RATIO  
RECORDS 182

48. X  
45. X  
43. X  
40. X  
38. X  
36. X  
33. X  
31. X X  
28. X X  
26. XXX  
24. XXX  
21. XXXX  
19. XXXX  
16. XXXX  
14. XXXX  
12. XXXXX  
9. XXXXX  
7. XXXXXX  
4. XXXXXX  
2. X XXXXXX  
0..... 9

MEAN 4.8 SIGMA 1.0

MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Dga

POTASSIUM %  
RECORDS 158

20. X X X  
19. X X X  
17. X X X  
16. X X X  
15. XX X X  
14. XX XXX  
13. XXX XXX  
12. XXXX XXX  
11. XXXX XXX  
10. XXXXX  
9. XXXXXX  
8. XXXXXX  
7. XXXXXX  
6. XXXXXX  
5. XXXXXX  
4. XXXXXX  
3. XXXXXX  
2. XXXXXX  
1. XXXXXX  
0..... 1

MEAN 0.6 SIGMA 0.3

URANIUM PPM  
RECORDS 142

20. X  
19. X  
18. X  
17. X  
16. X  
15. X X  
14. XX X  
13. XXX XX  
12. XXX XX  
11. XXXXX  
10. XXXXXX  
9. XXXXXX  
8. XXXXXX  
7. XXXXXX  
6. XXXXXX  
5. X XXXXXX  
4. XXXXXX  
3. XXXXXX  
2. XXXXXX  
1. XXXXXX  
0..... 2

MEAN 1.0 SIGMA 0.4

THORIUM PPM  
RECORDS 157

20. X  
19. X  
18. X  
17. X  
16. X  
15. X X X  
14. XXX X  
13. XXX X  
12. X XXXX  
11. X XXXX  
10. XXXXXX  
9. XXXXXX  
8. XXXXXX  
7. XXXXXX  
6. XXXXXX  
5. XXXXXX  
4. XXXXXX  
3. XXXXXX  
2. XXXXXX  
1. XXXXXX  
0..... 10

MEAN 3.3 SIGMA 1.7

U/K RATIO  
RECORDS 139

27. X  
25. X  
24. X  
22. X  
21. X  
20. XX  
18. XX  
17. XX  
16. XXX  
14. XXX X  
13. XXX X  
12. XXXX  
10. XXXX  
9. XXXX X  
8. XXXX X  
6. XXXXXX  
5. XXXXXX  
4. XXXXXX  
2. XXXXXX  
1. XXXXXX  
0..... 4

MEAN 1.7 SIGMA 0.6

U/T RATIO  
RECORDS 139

32. X  
30. X  
28. X  
27. X  
25. XX  
24. XX  
22. XX  
20. XX  
19. XXXX  
17. XXXX  
16. XXXX  
14. XXXX  
12. XXXX  
11. XXXX  
9. XXXX  
8. XXXX  
6. XXXXX  
4. XXXXXX  
3. XXXXXX  
1. XXXXXX  
0..... 1

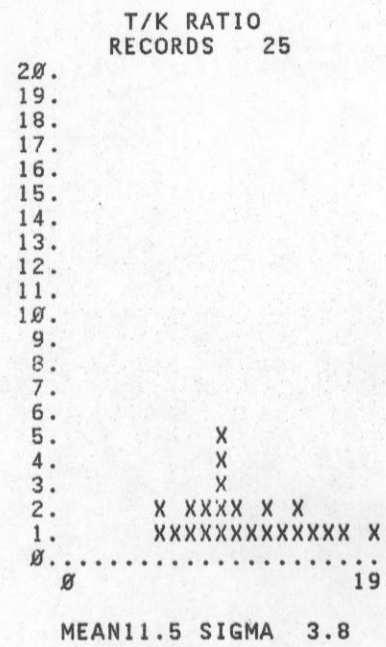
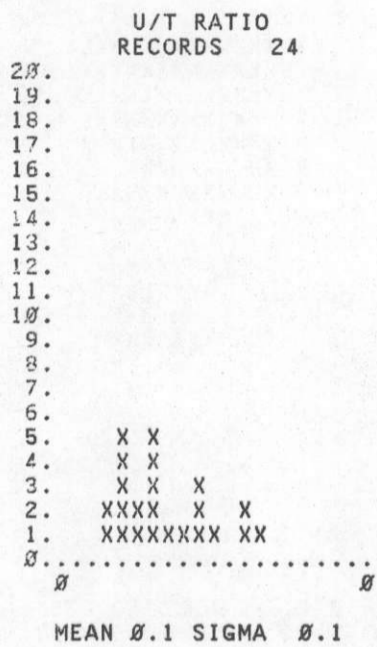
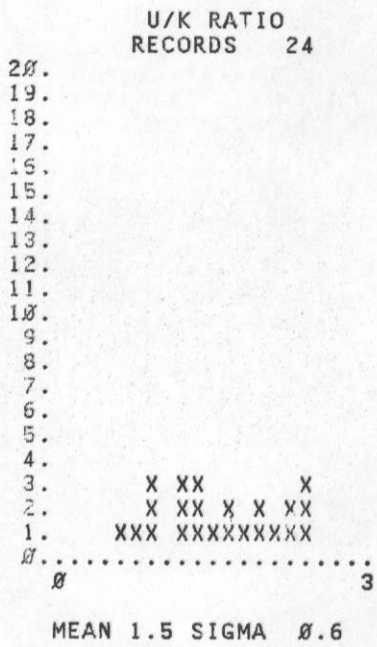
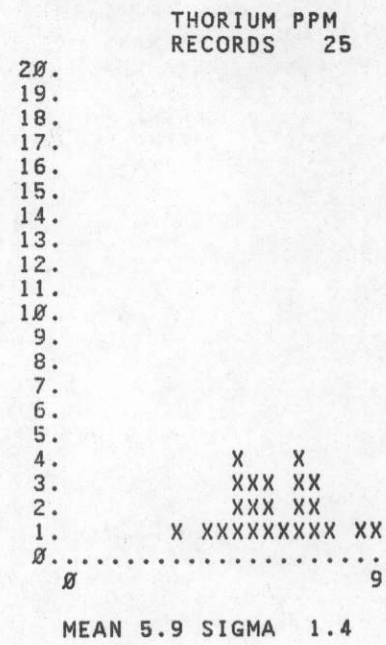
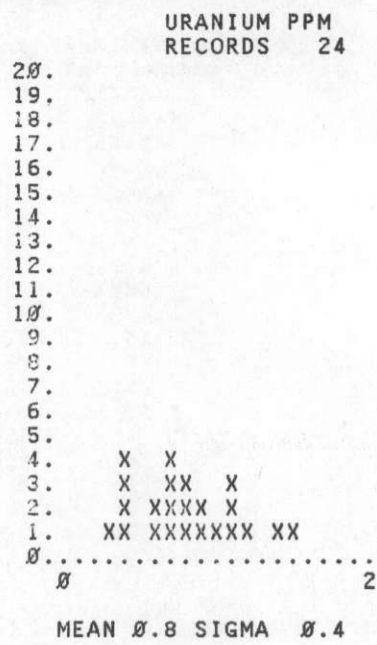
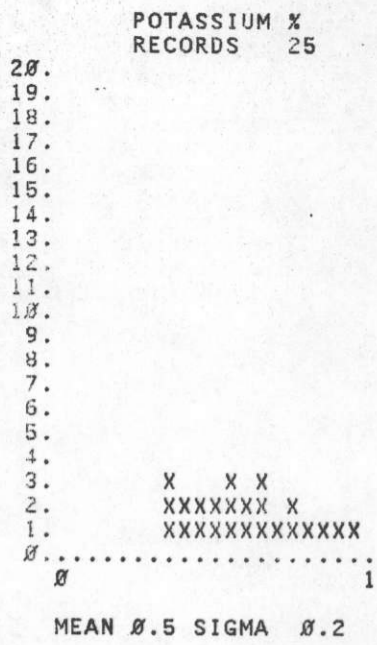
MEAN 0.3 SIGMA 0.2

T/K RATIO  
RECORDS 155

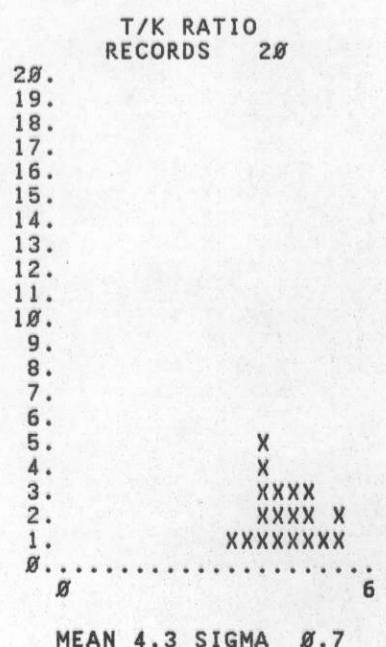
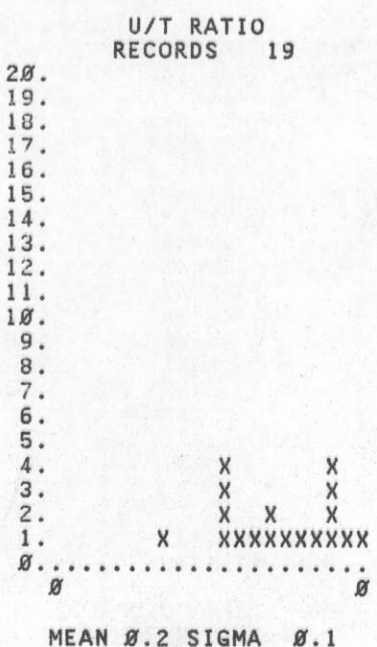
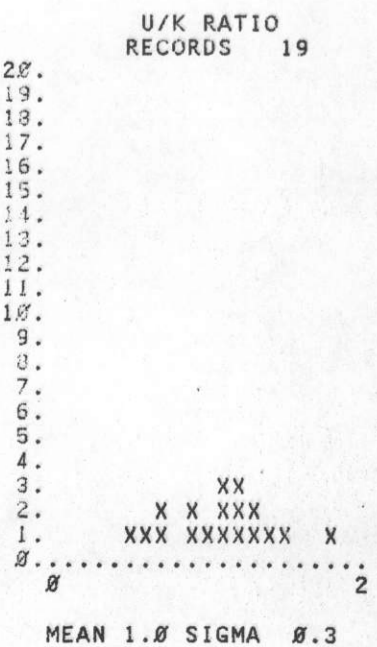
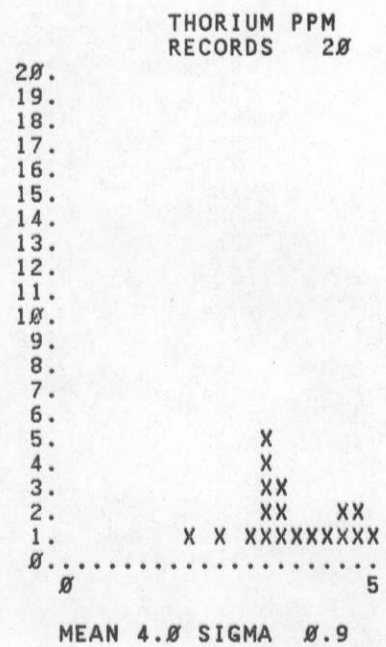
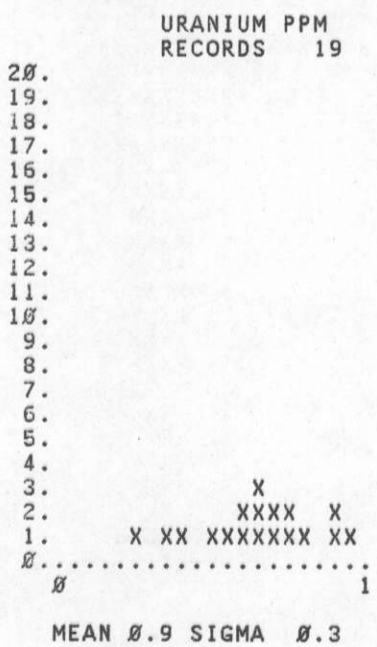
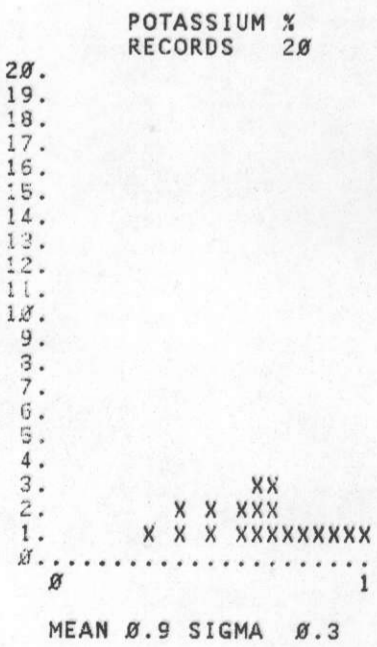
48. X  
45. X  
43. X  
40. X  
38. X  
36. X  
33. X  
31. X  
28. X  
26. XX  
24. XX  
21. XX  
19. XXX  
16. XXX  
14. XXXX  
12. XXXX  
9. XXXXX  
7. XXXXX  
4. XXXXXX  
2. XXXXXX  
0..... 15

MEAN 5.7 SIGMA 2.3

MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT rhg

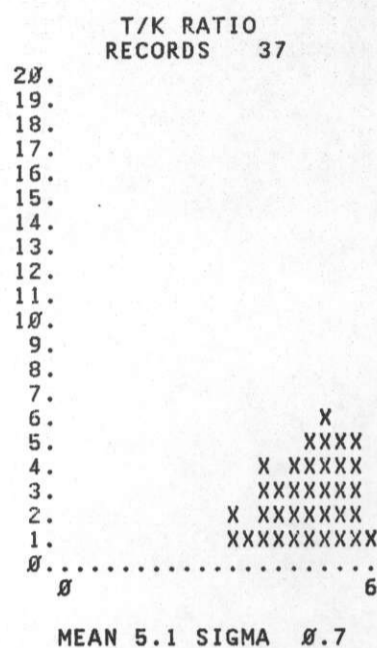
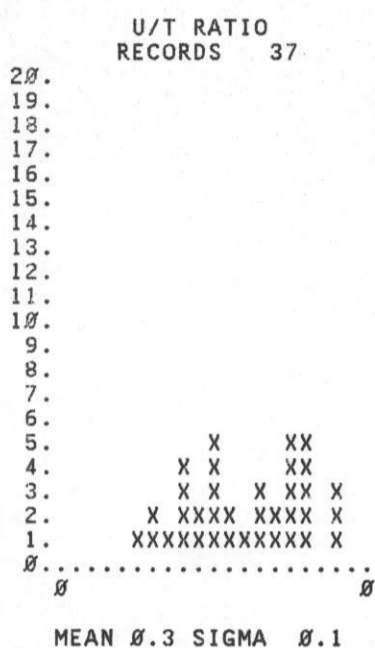
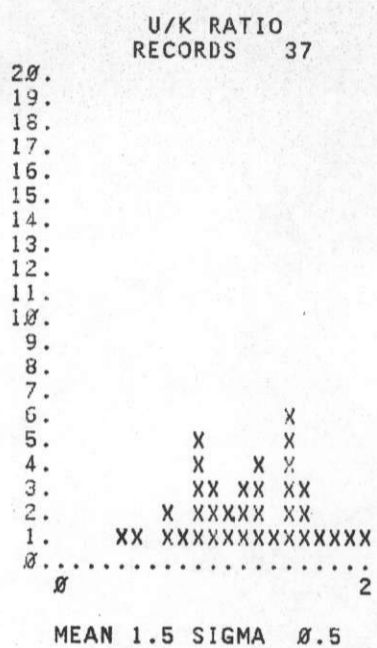
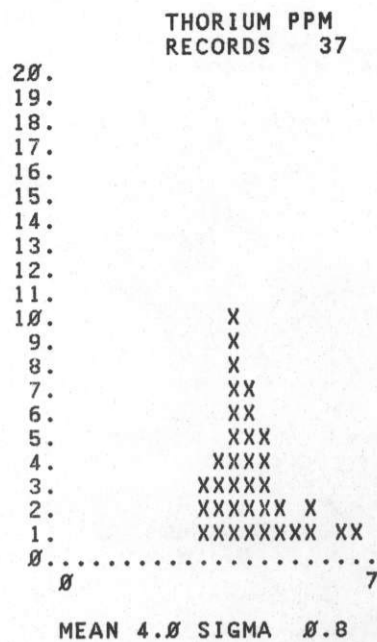
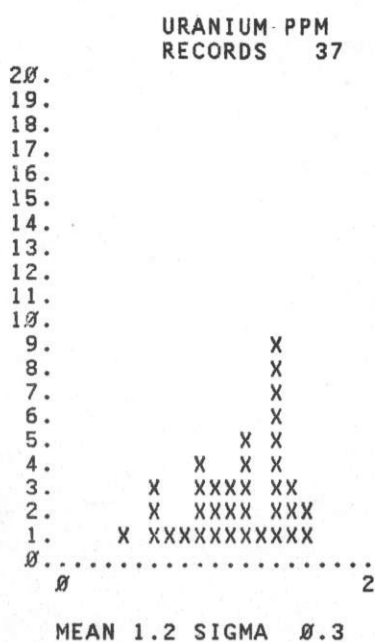
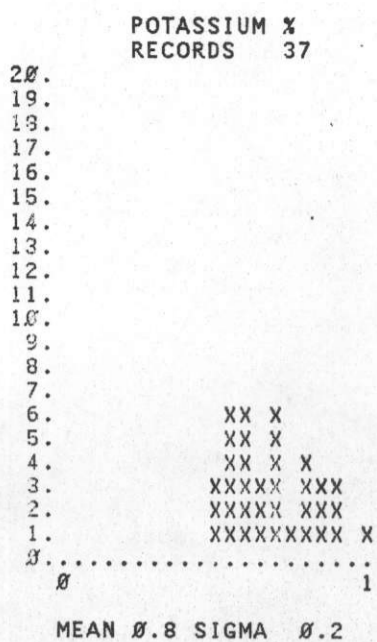


MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT ga

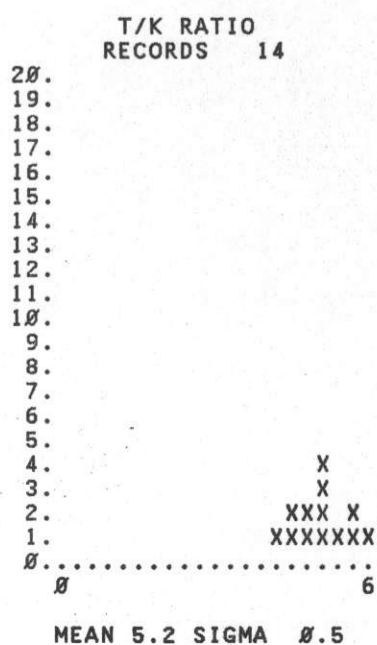
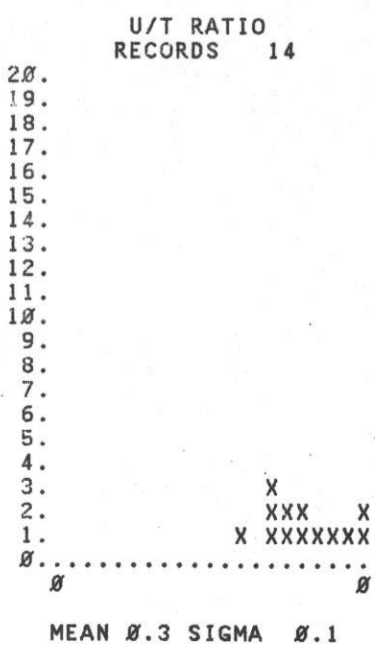
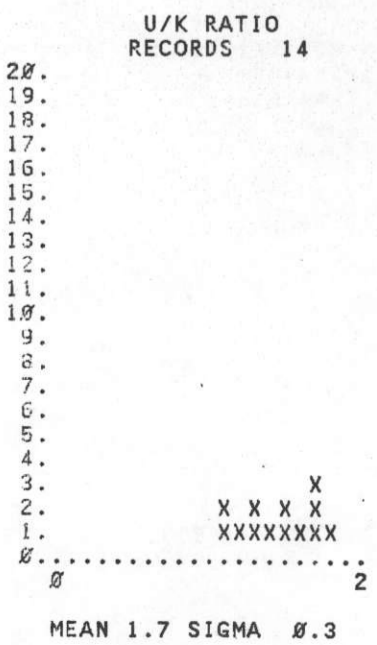
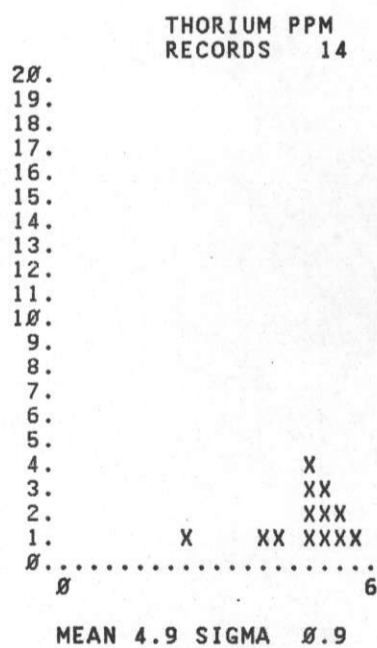
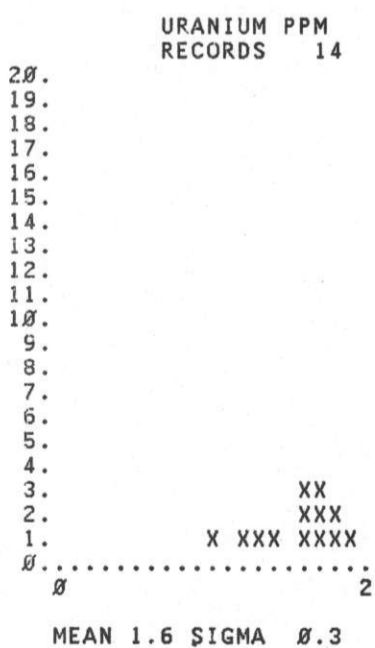
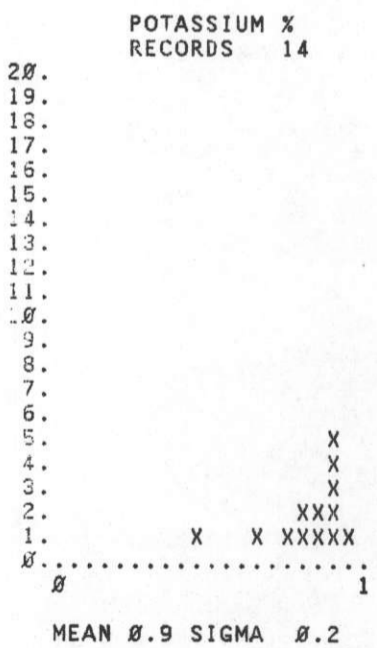




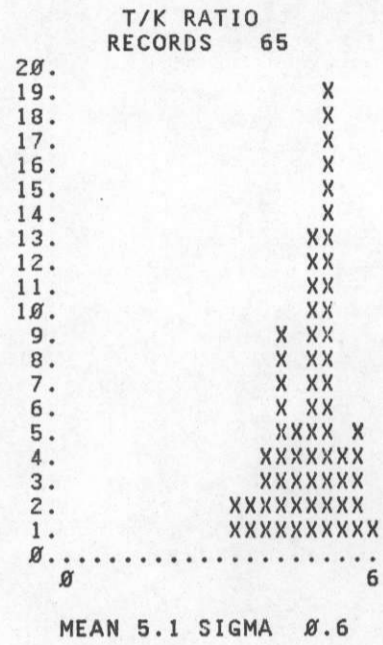
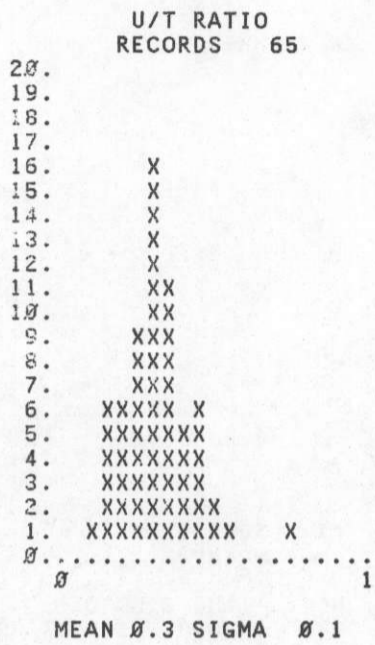
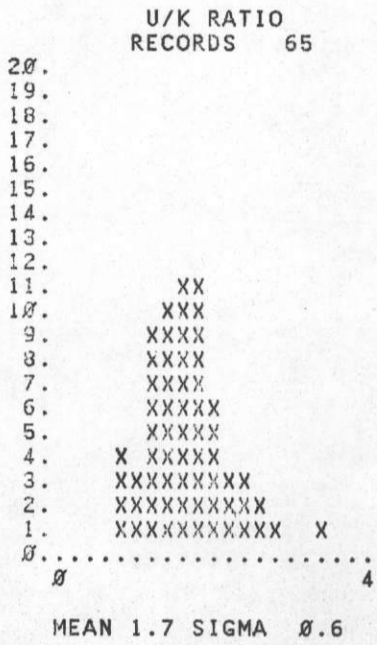
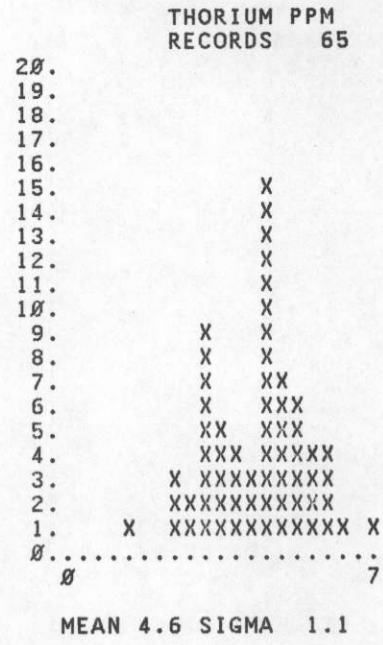
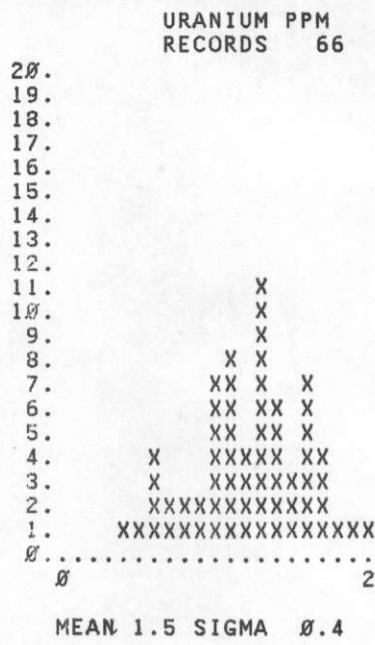
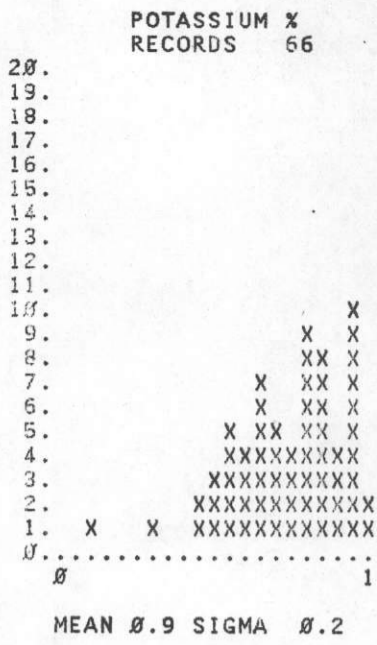
MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Ds



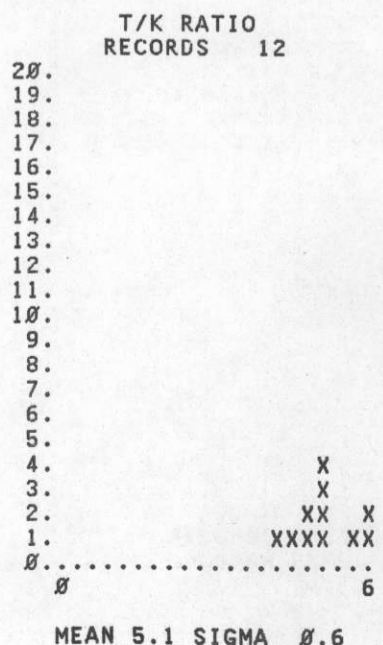
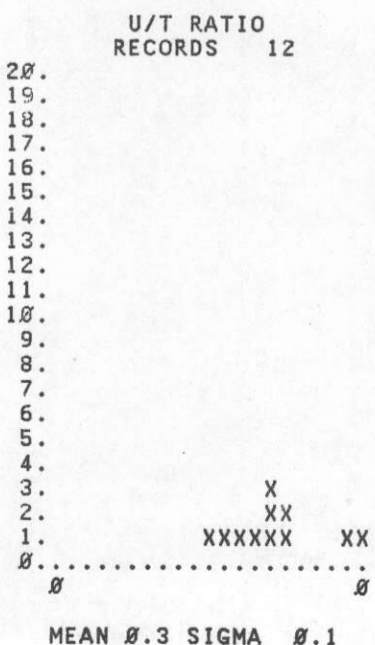
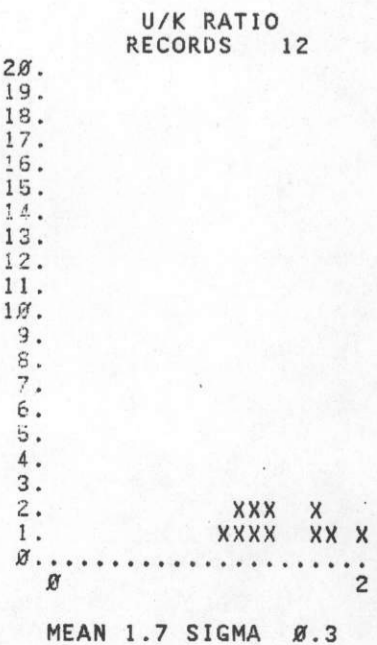
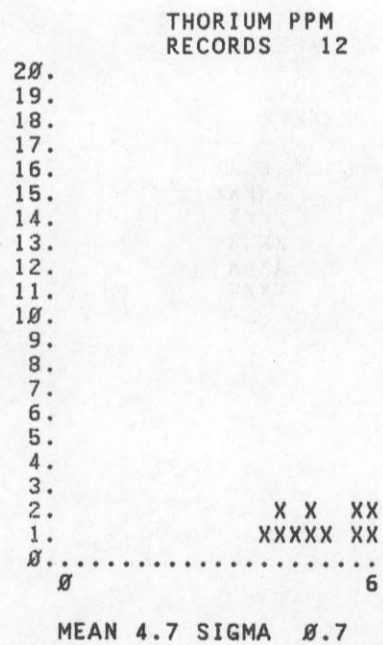
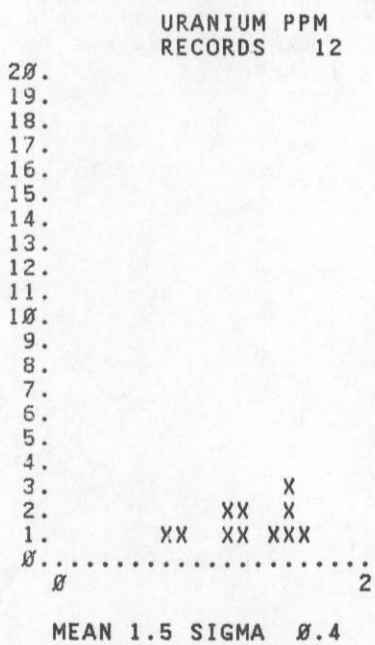
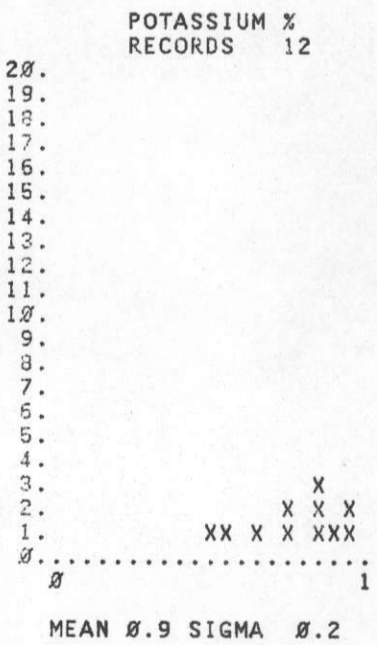
MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Dh



MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Dcs

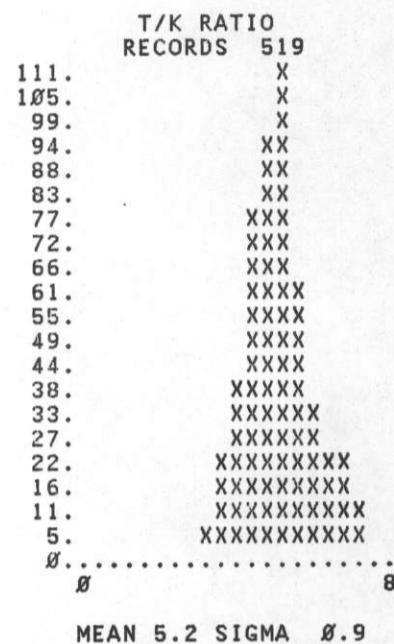
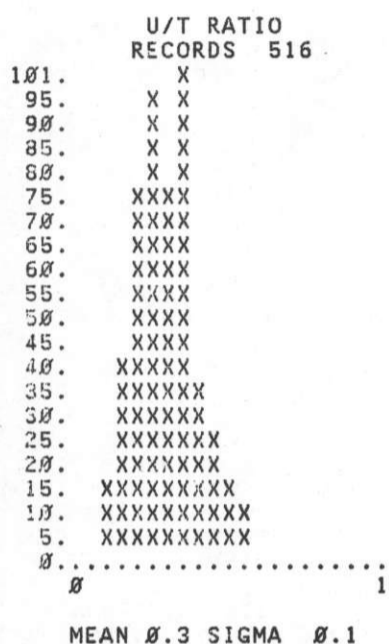
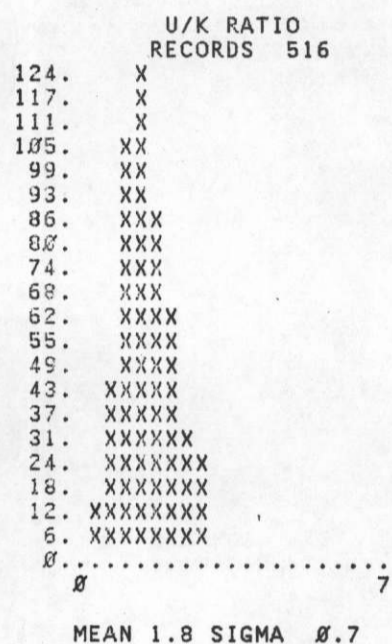
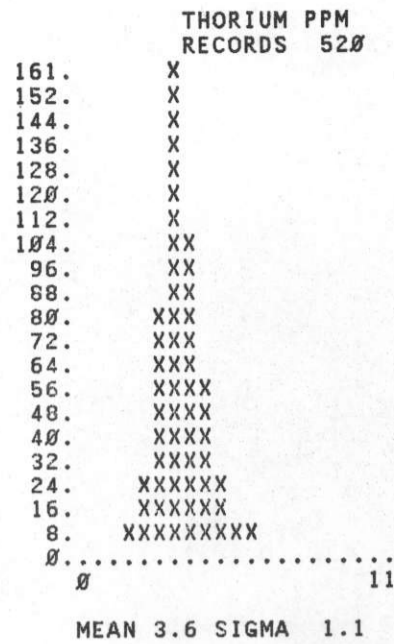
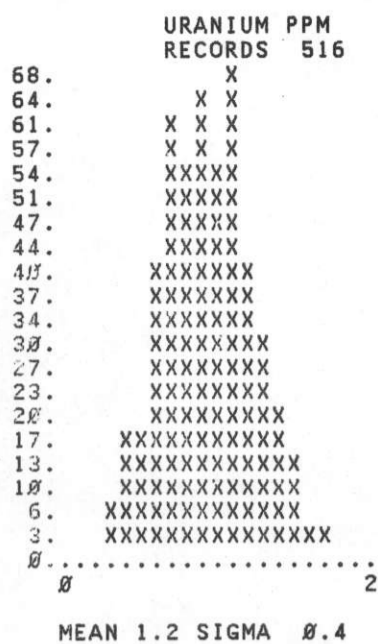
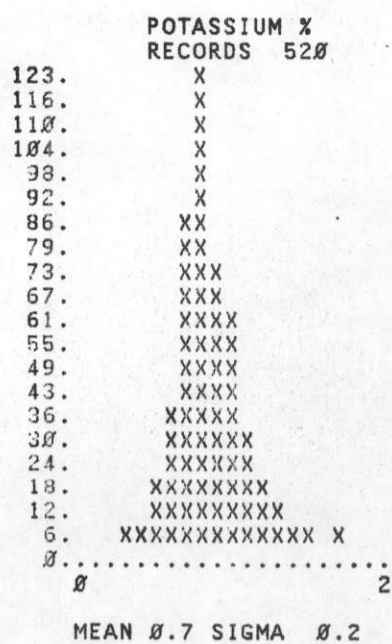


MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Dcm

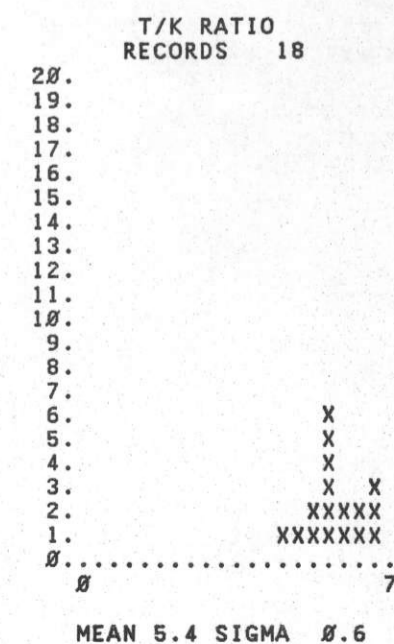
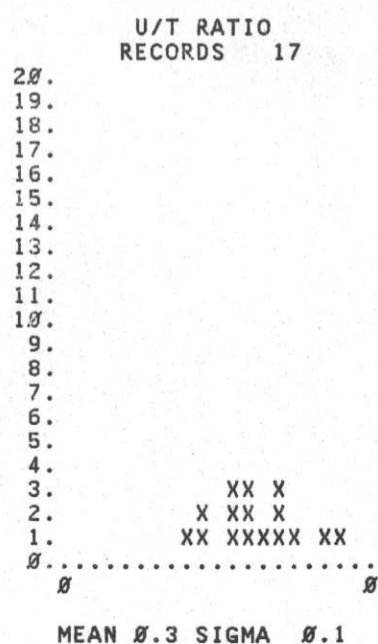
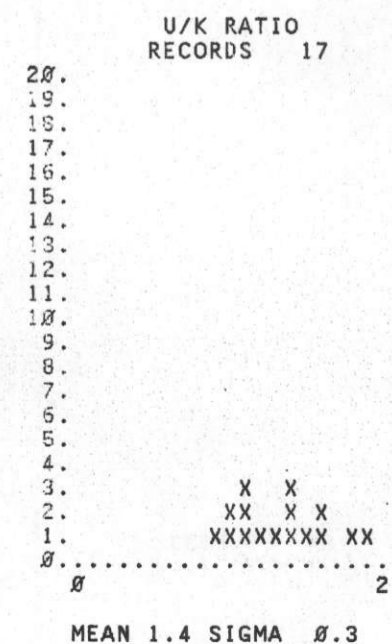
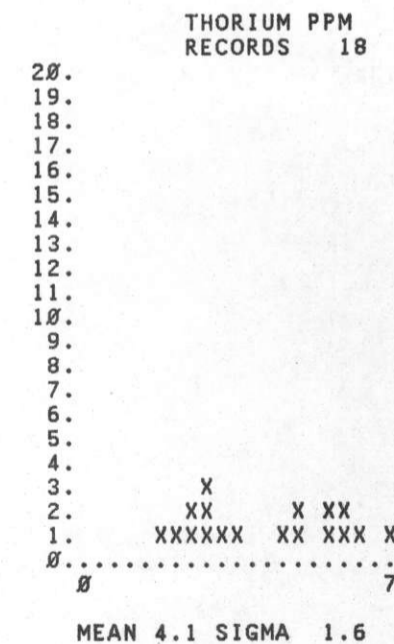
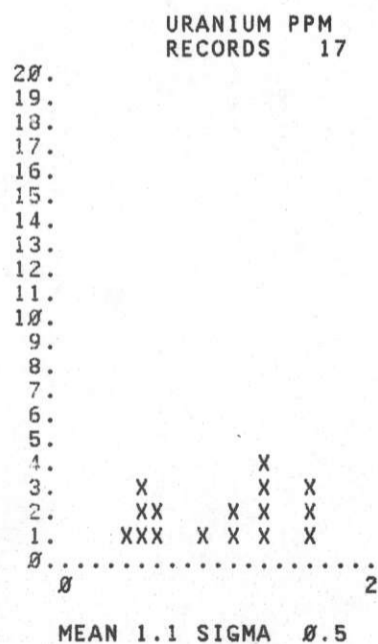
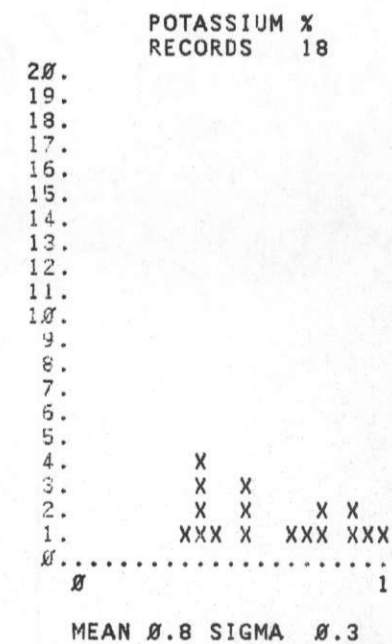




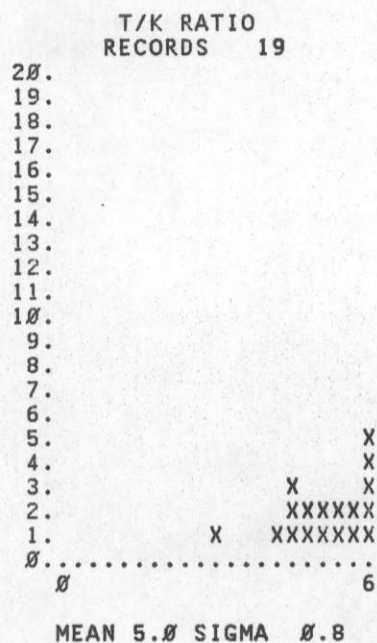
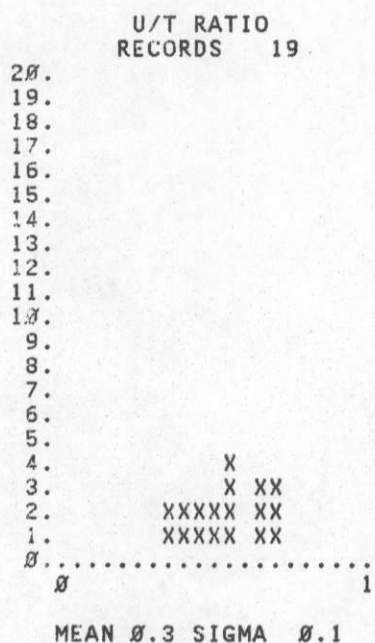
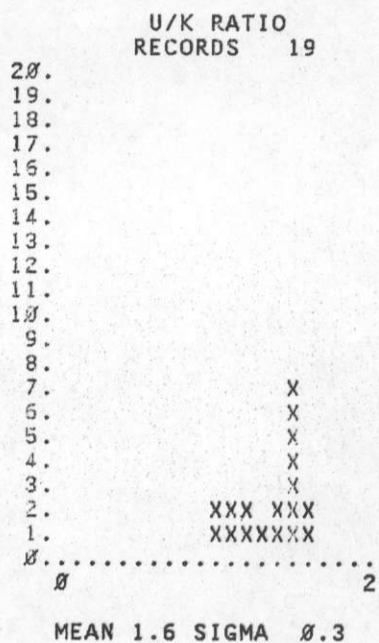
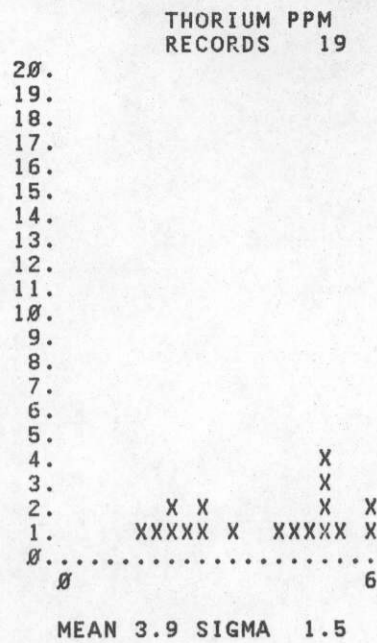
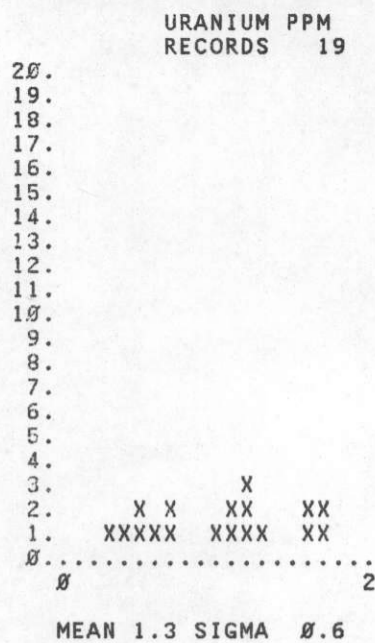
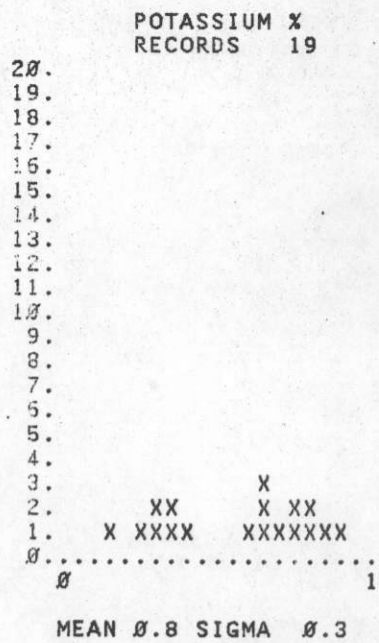
MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT DSu



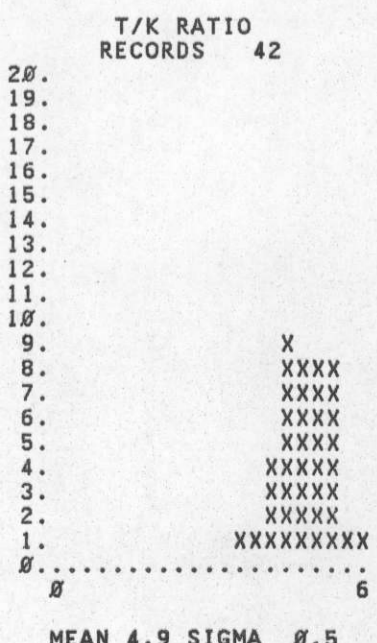
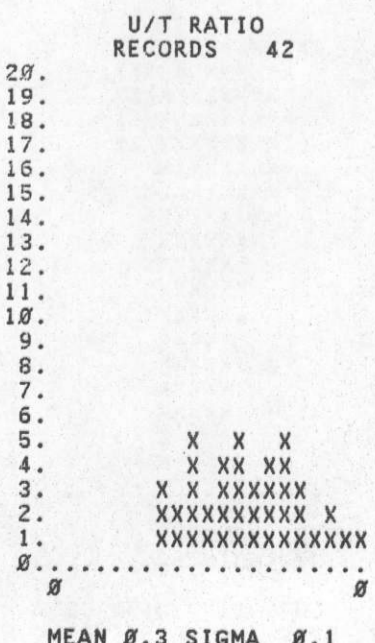
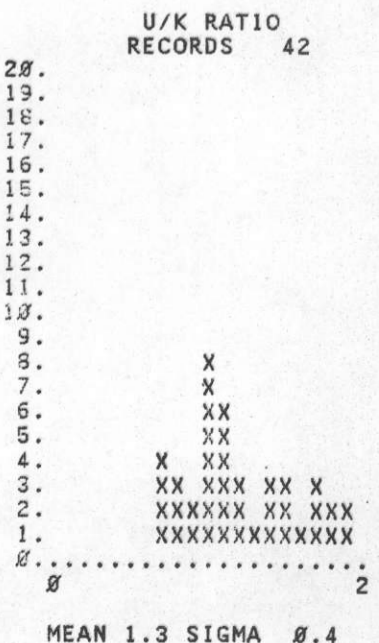
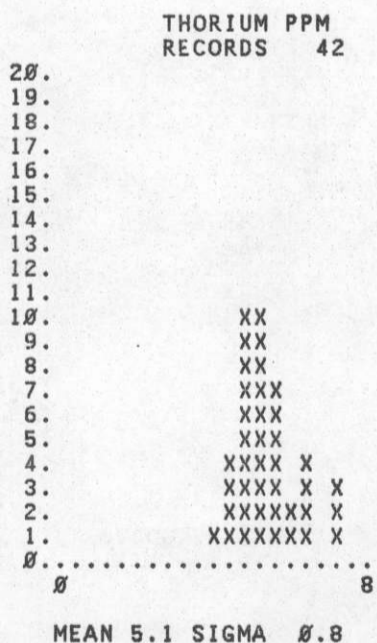
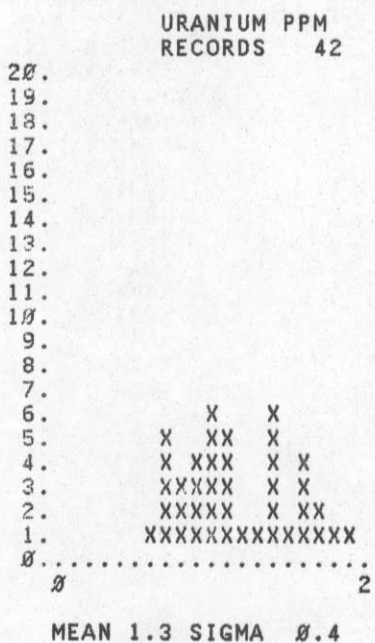
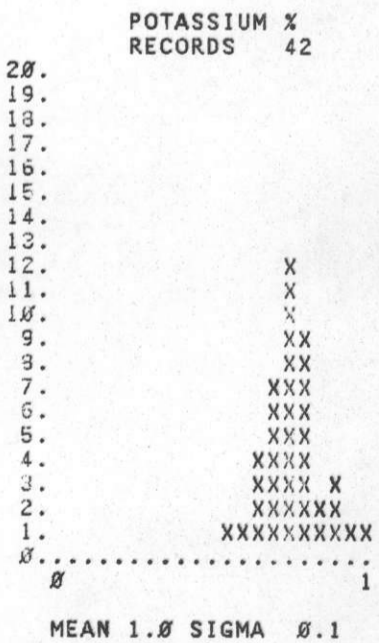
MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Sp



MAINE SURVEY 1988, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Srb

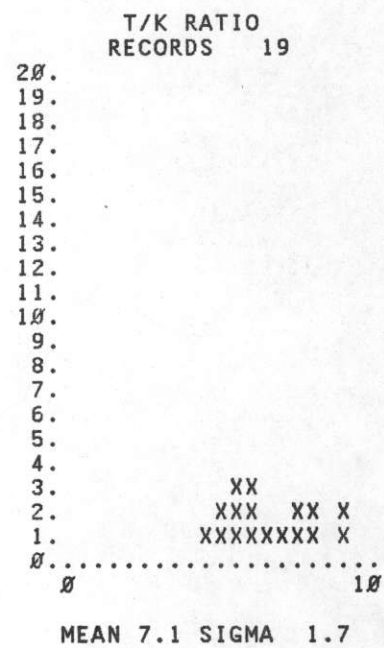
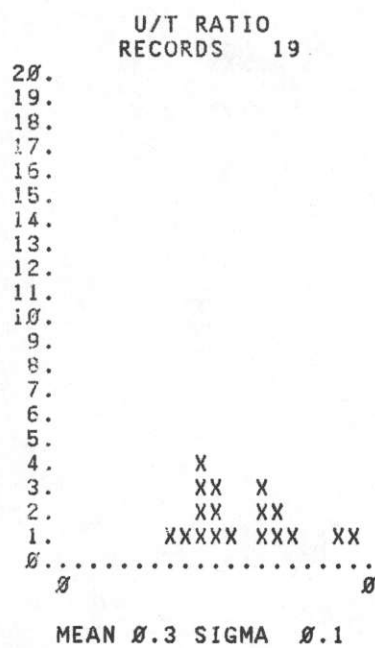
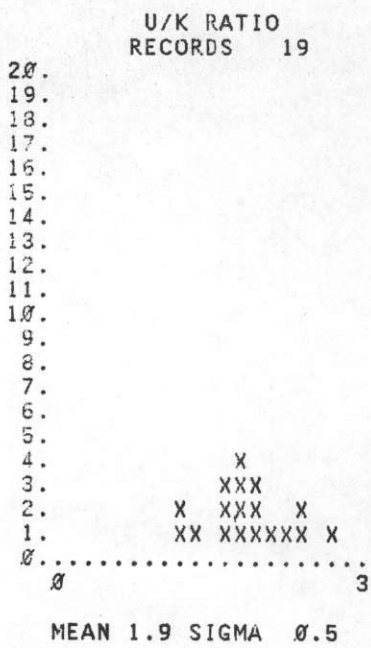
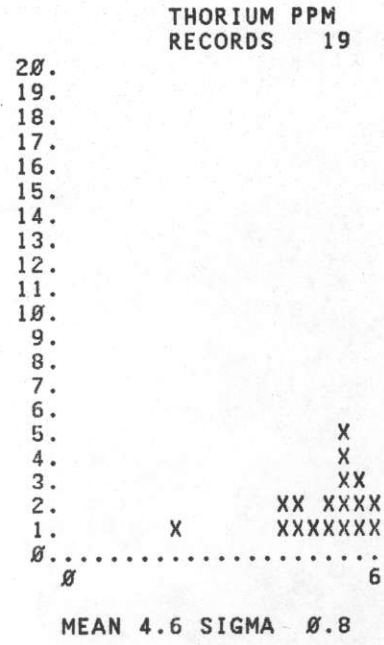
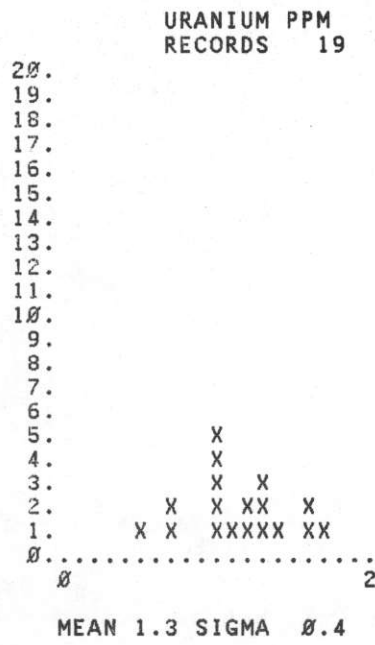
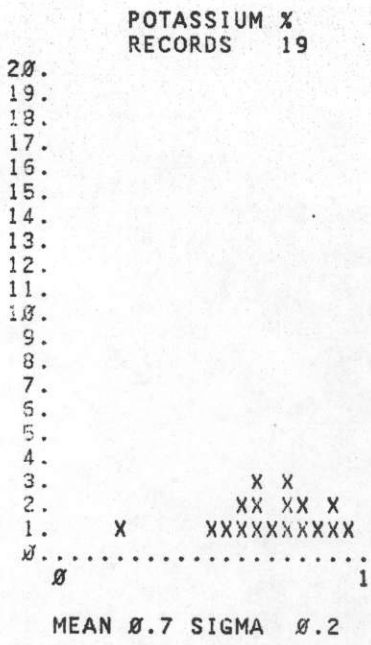


MAINE SURVEY 1988, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Src

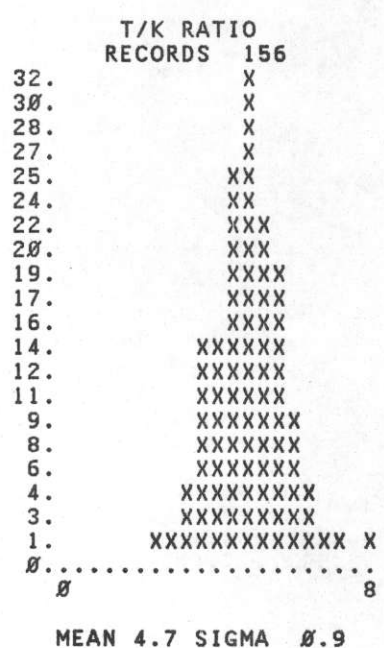
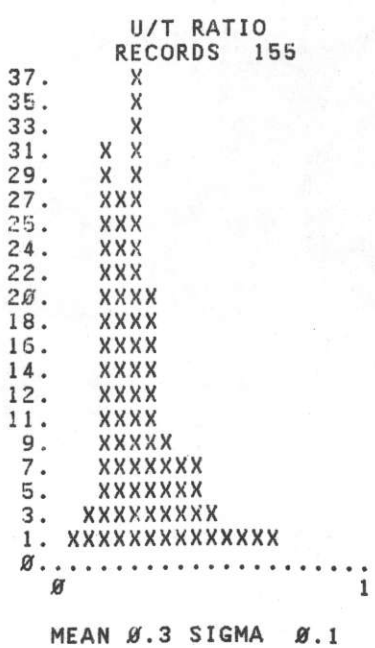
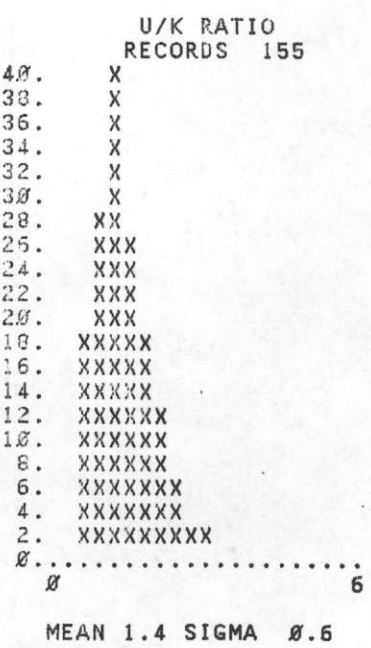
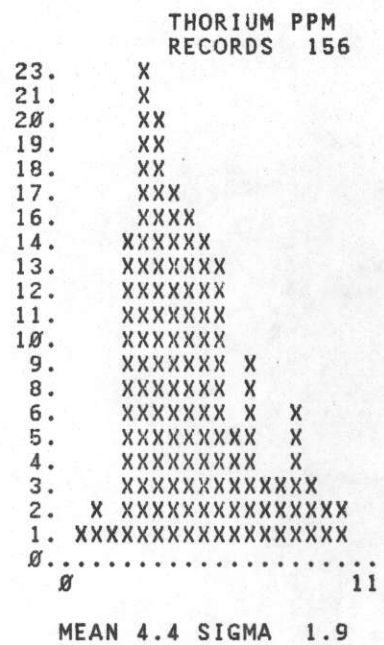
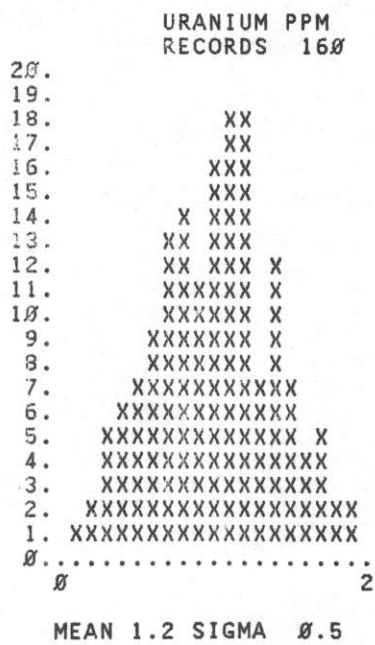
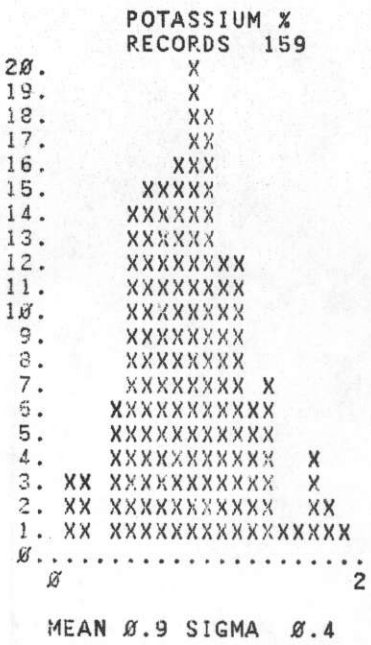




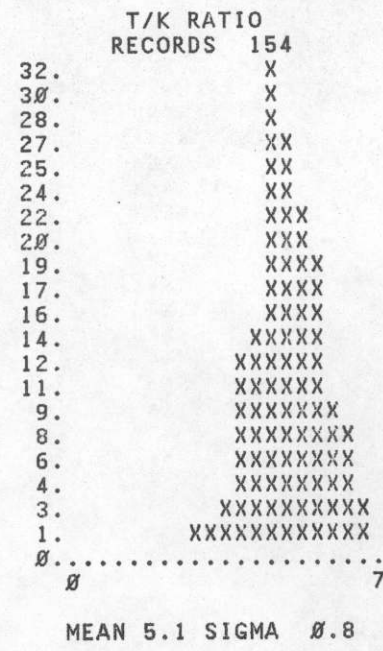
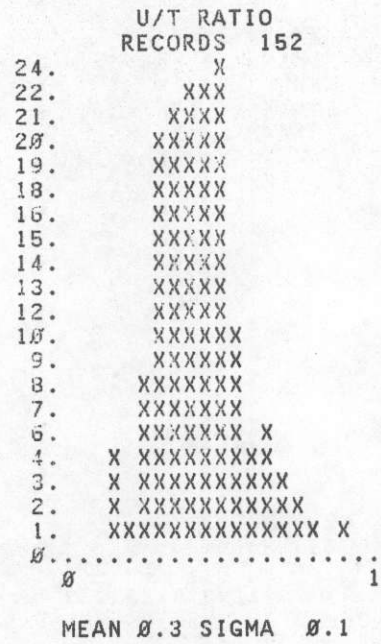
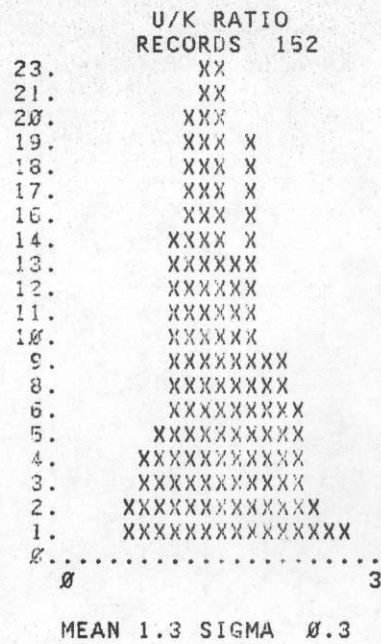
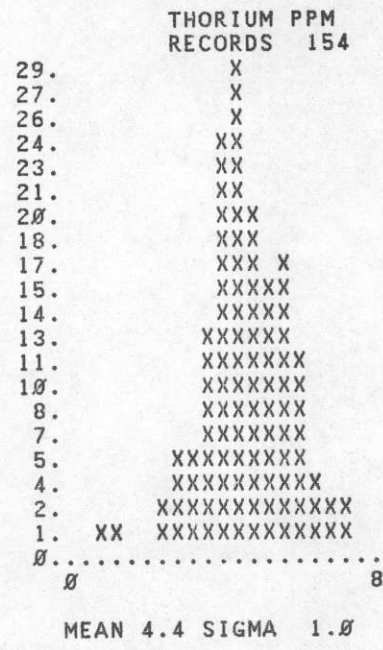
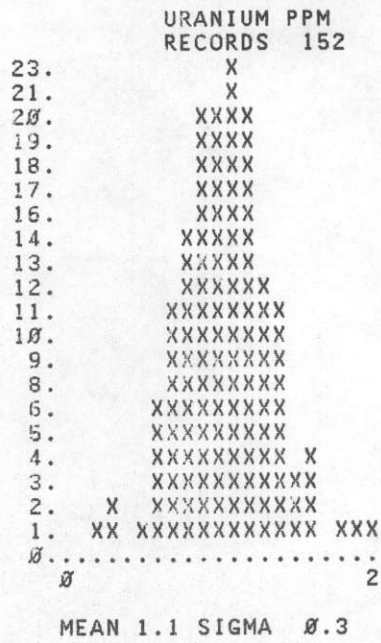
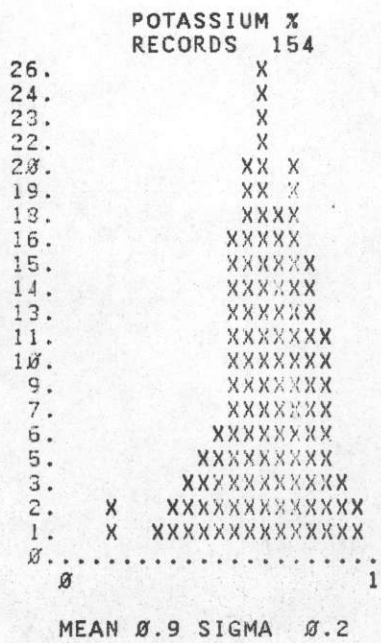
MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Oq



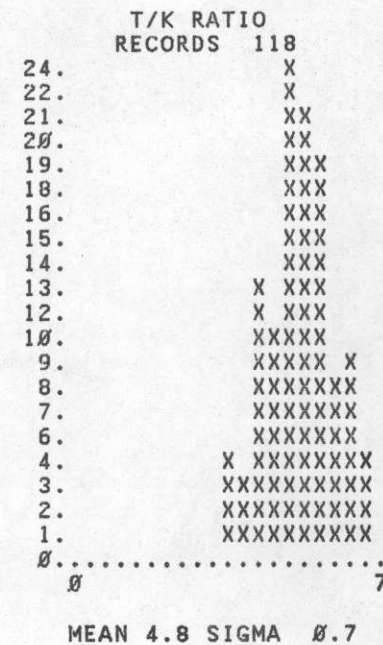
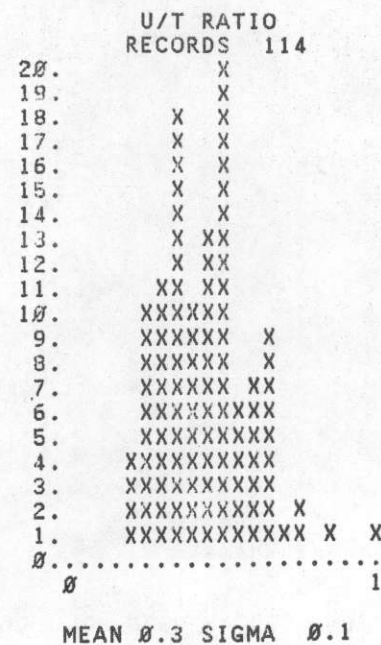
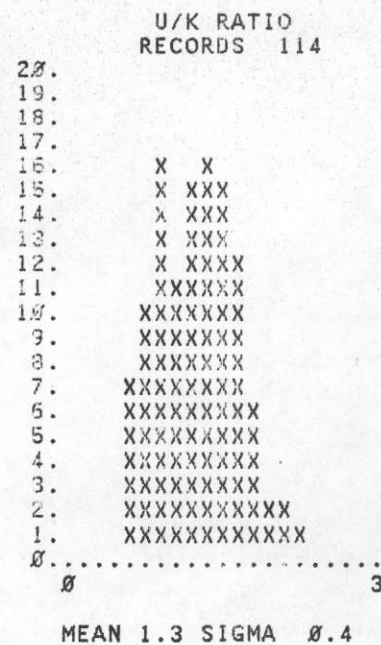
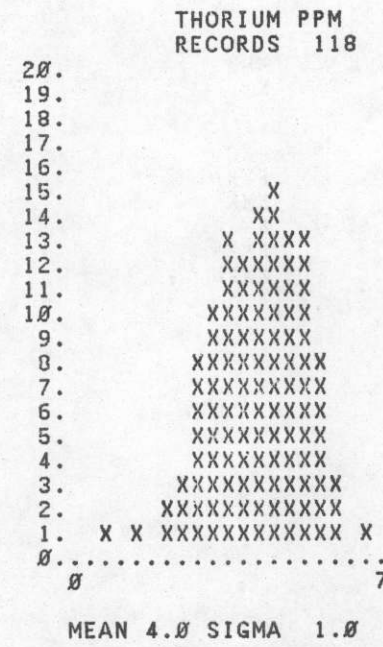
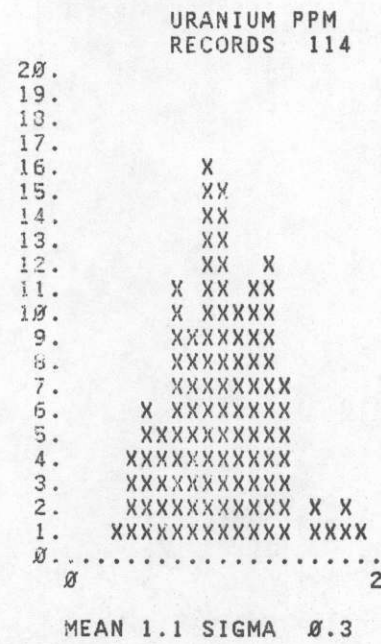
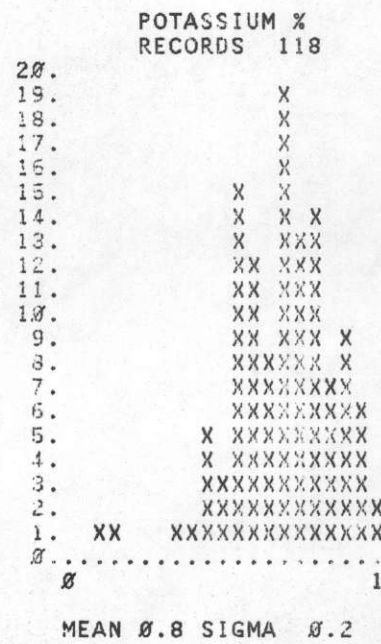
MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Oat



MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Cdr

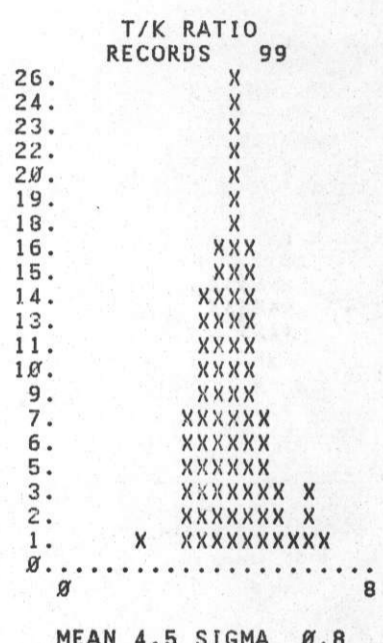
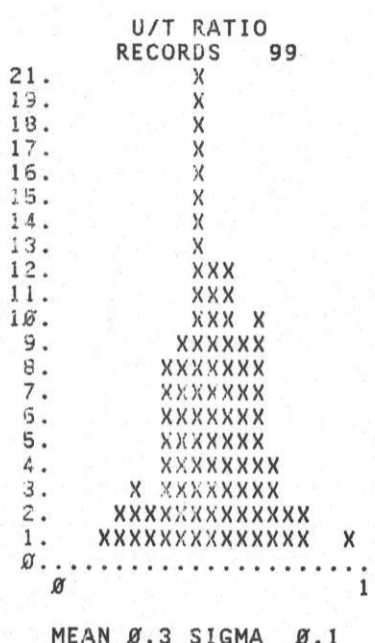
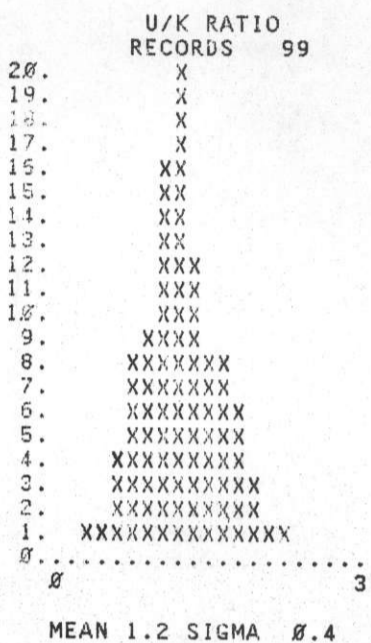
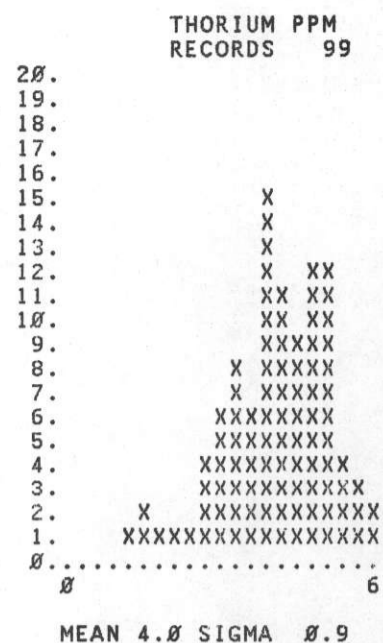
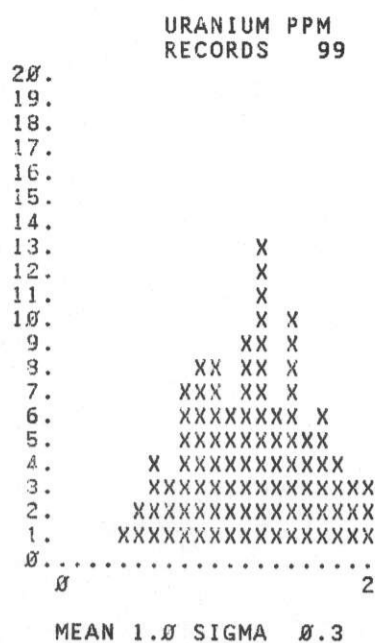
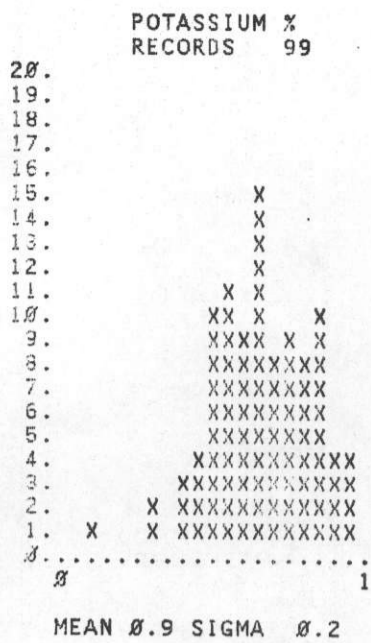


MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Chm

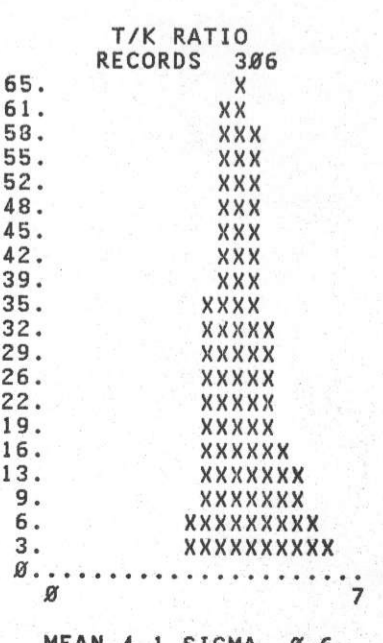
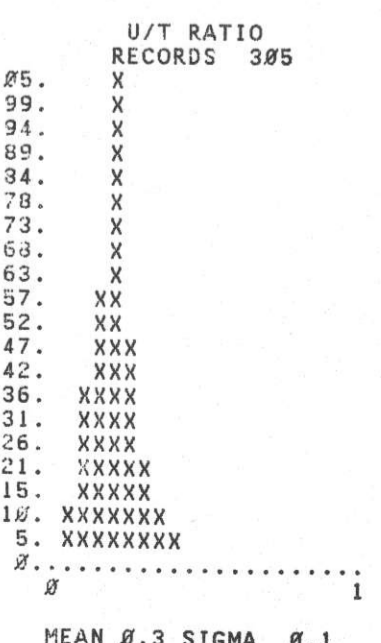
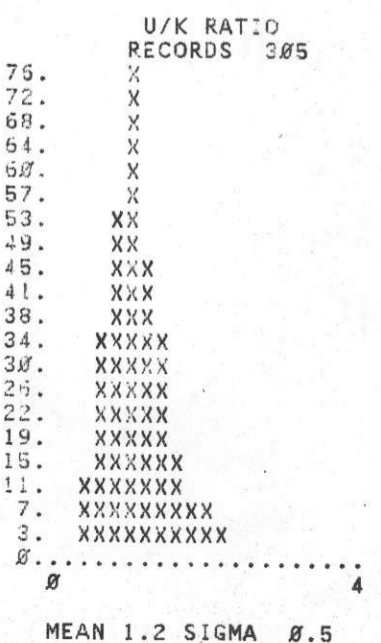
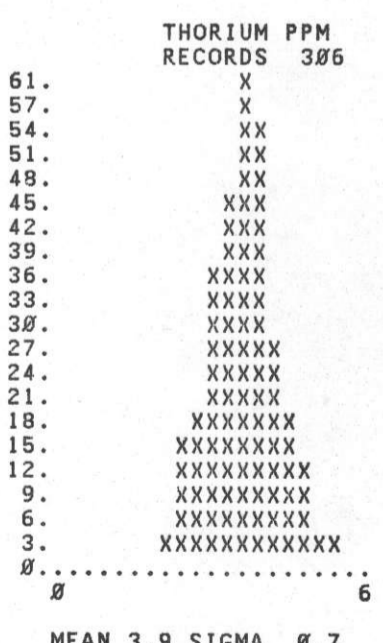
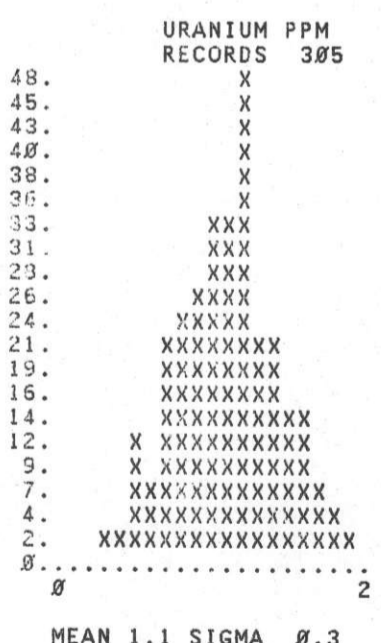
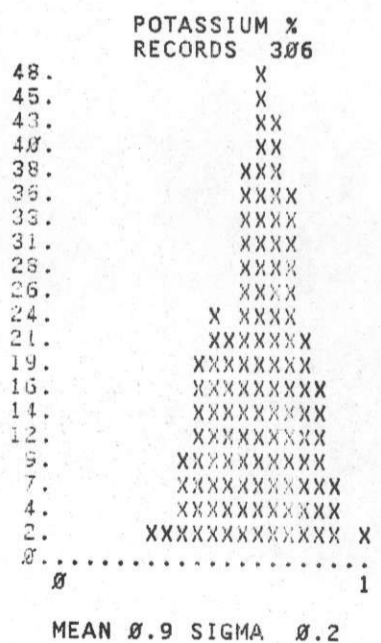




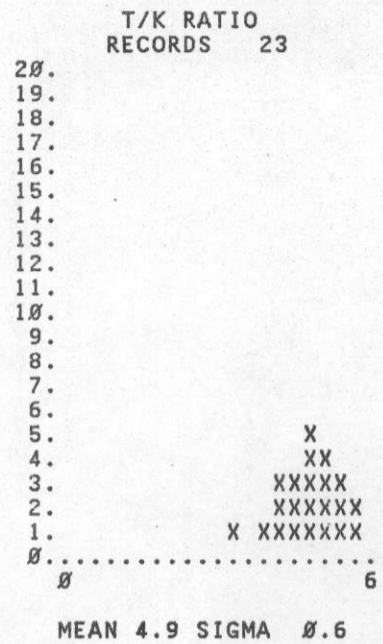
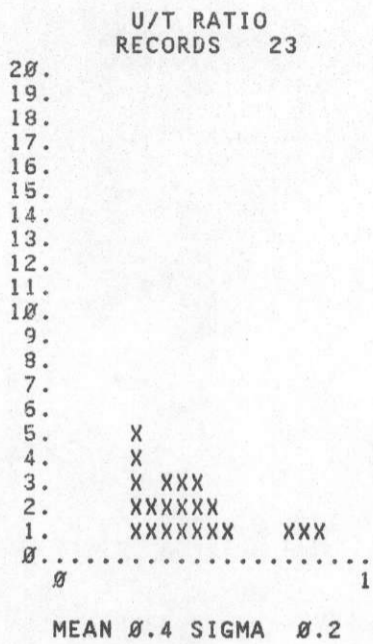
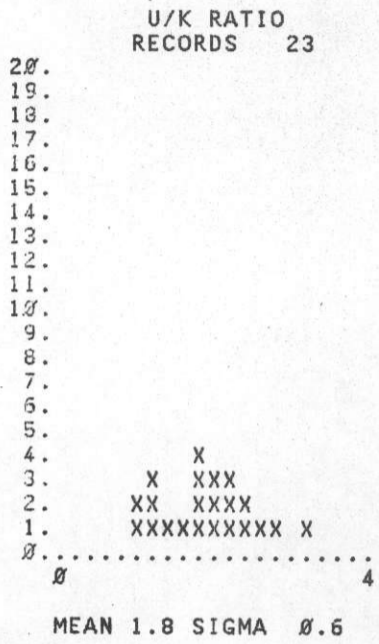
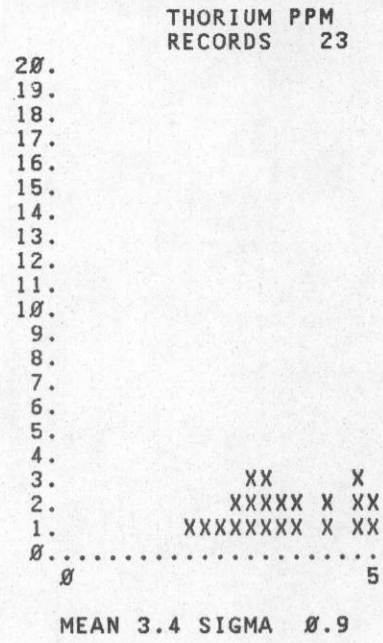
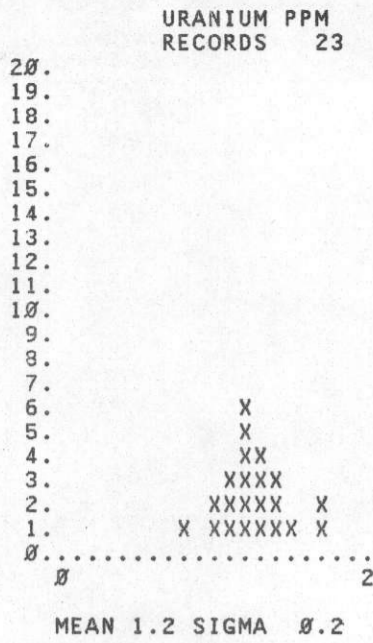
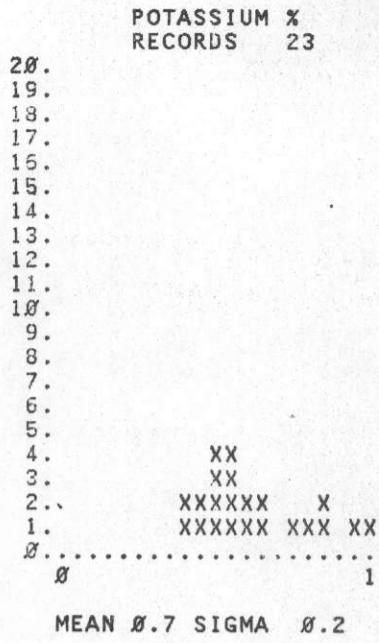
MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Cjp



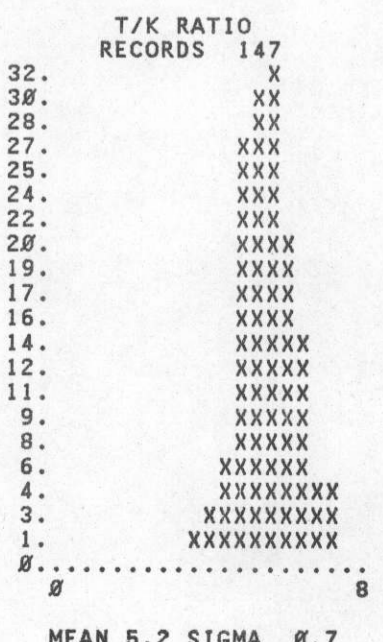
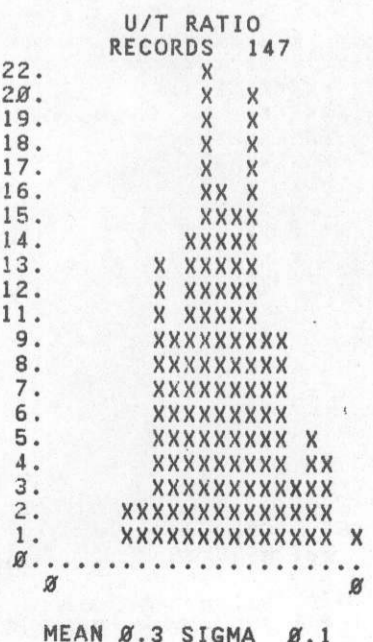
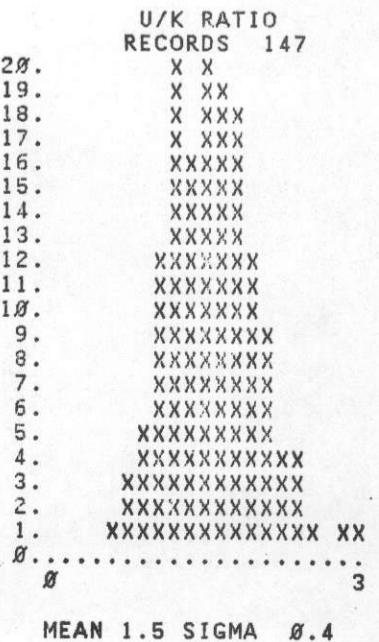
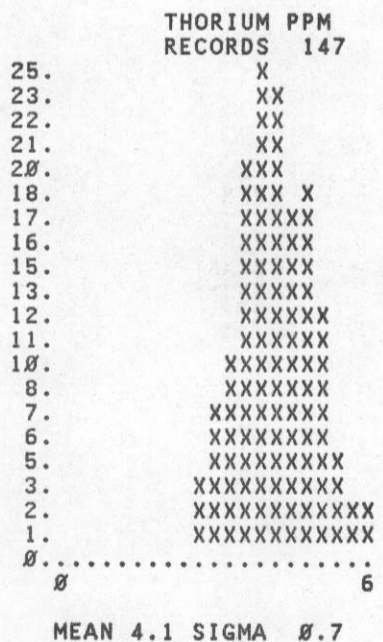
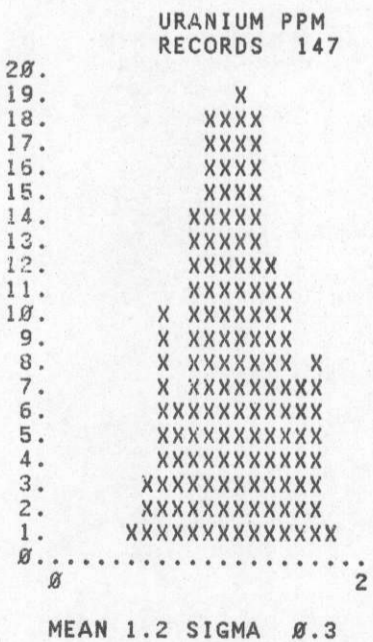
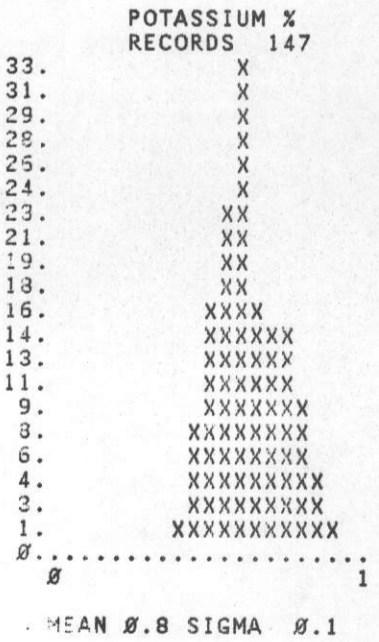
MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT PCc1



MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Df

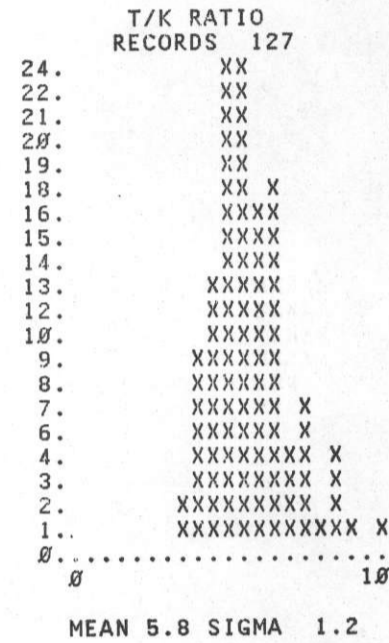
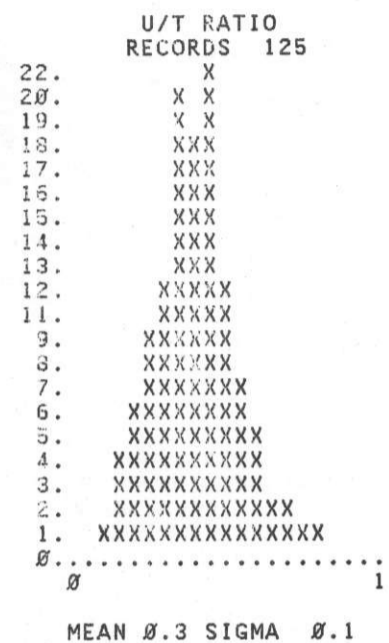
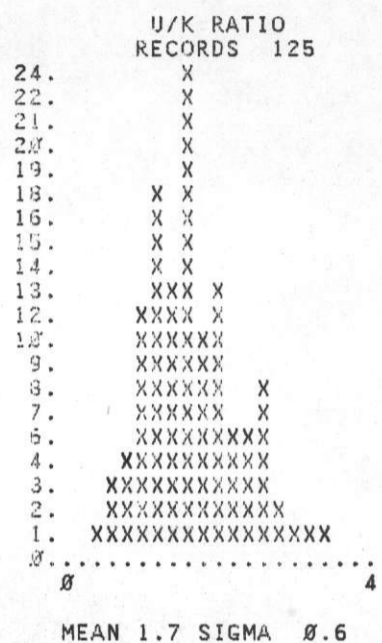
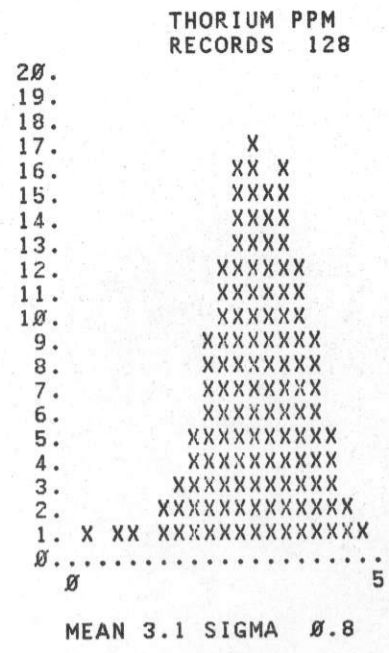
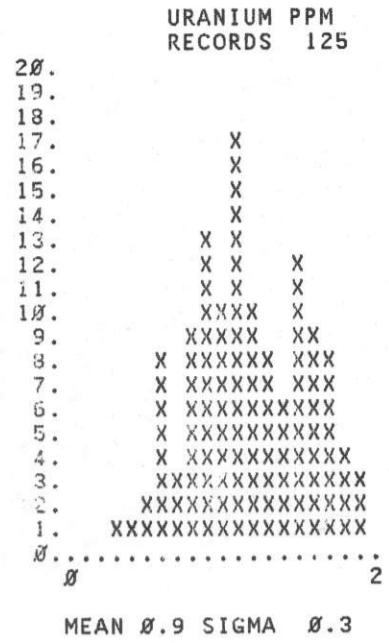
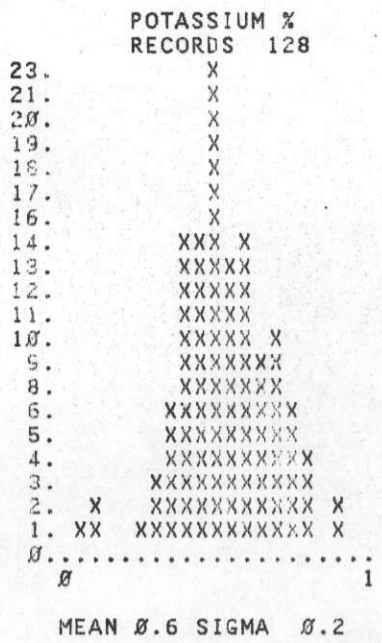


MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Ogc

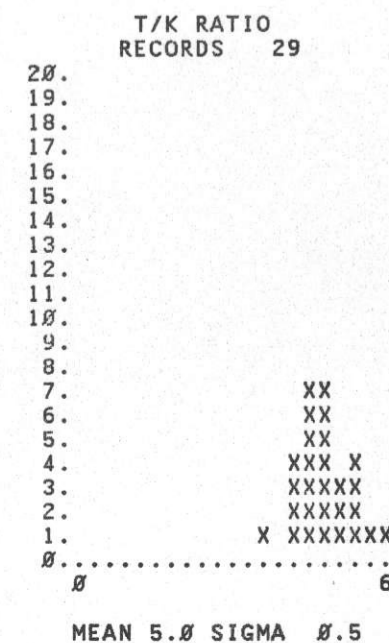
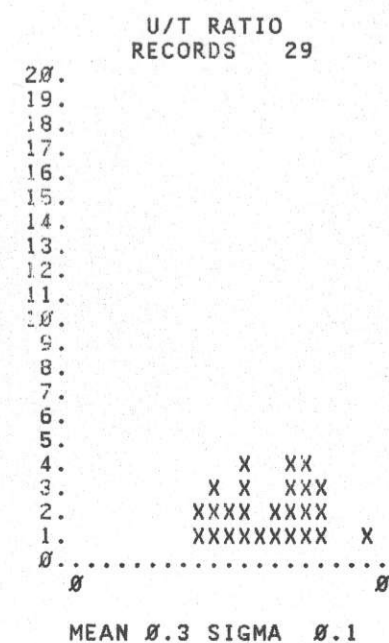
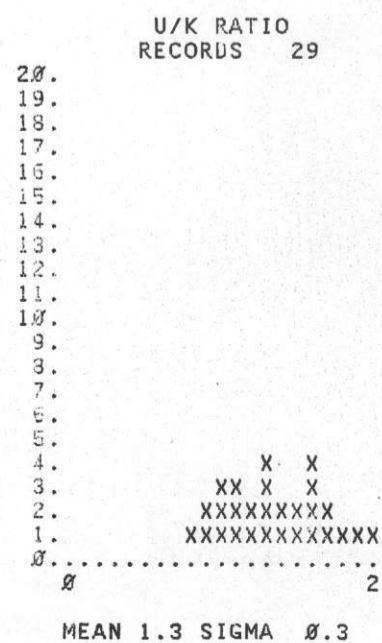
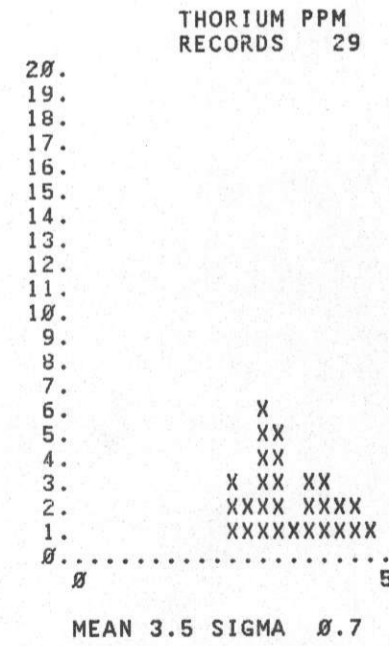
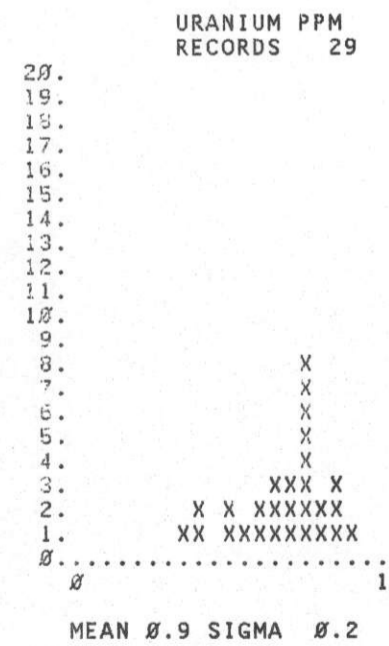
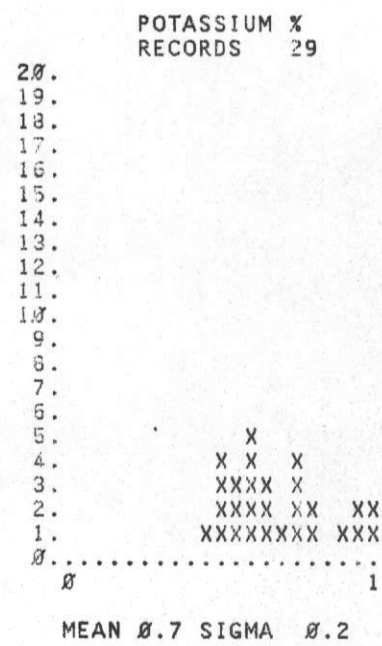




MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Ooc

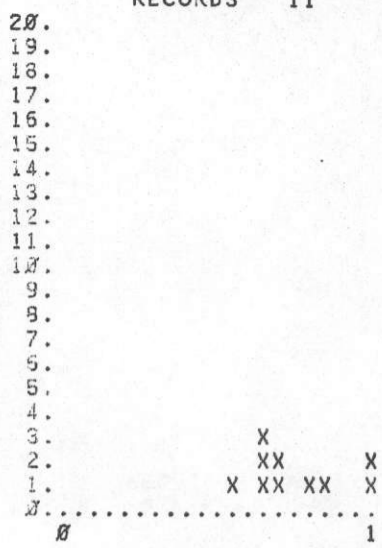


MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Oalc



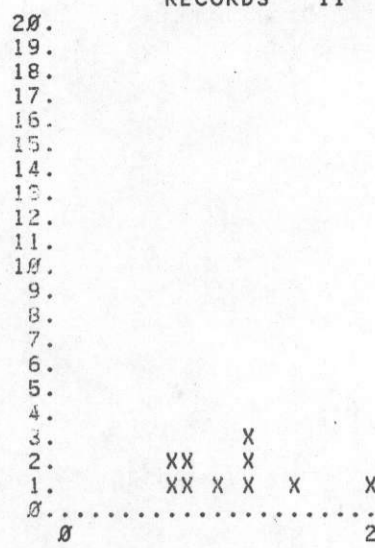
MAINE SURVEY 1988, SHERBROOKE QUAD, NL19-7  
GEOLOGIC UNIT Owrc

POTASSIUM %  
RECORDS 11



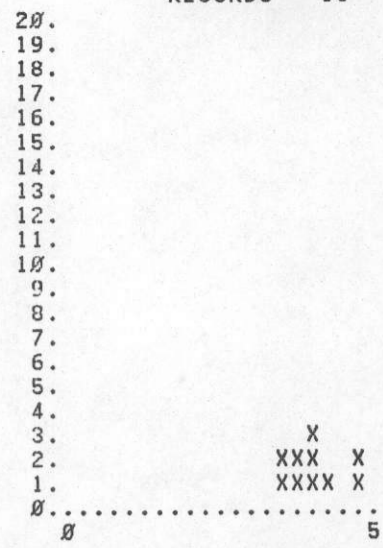
MEAN 0.8 SIGMA 0.2

URANIUM PPM  
RECORDS 11



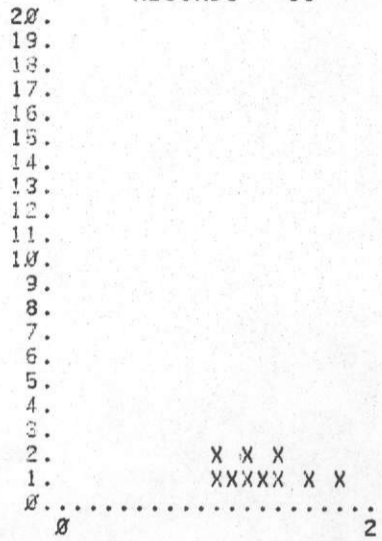
MEAN 1.0 SIGMA 0.4

THORIUM PPM  
RECORDS 11



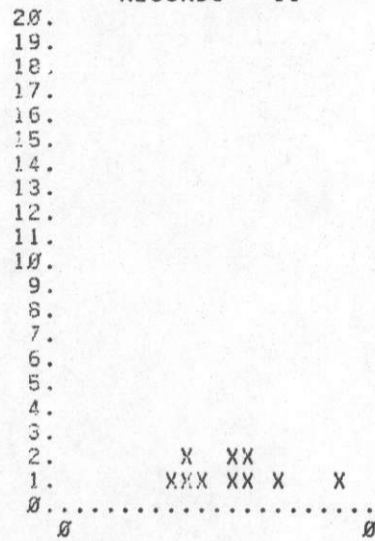
MEAN 4.2 SIGMA 0.5

U/K RATIO  
RECORDS 11



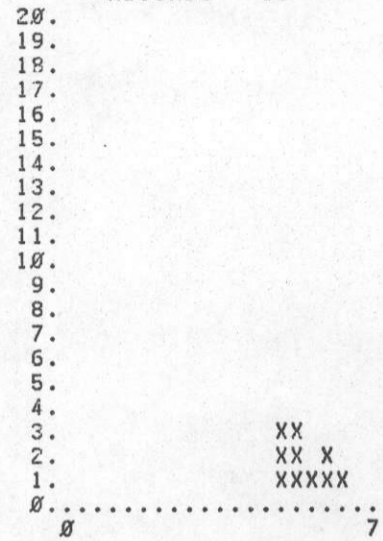
MEAN 1.2 SIGMA 0.3

U/T RATIO  
RECORDS 11



MEAN 0.2 SIGMA 0.1

T/K RATIO  
RECORDS 11



MEAN 5.3 SIGMA 0.7



MAINE SURVEY 1988, SHERBROOKE QUAD, NL19-7

SUMMARY OF GEOLOGIC UNITS BY LINE 190

CODE	UNIT	RECS	*** K ***	*** U ***	*** T ***	** U/K **	** U/T **	** T/K **
			MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.
318.	DSu	55.0	0.6 0.1	1.0 0.2	3.5 0.7	1.6 0.5	0.3 0.1	5.5 0.7

SUMMARY OF GEOLOGIC UNITS BY LINE 200

CODE	UNIT	RECS	*** K ***	*** U ***	*** T ***	** U/K **	** U/T **	** T/K **
			MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.
318.	DSu	48.0	0.6 0.1	1.0 0.2	3.4 0.6	1.6 0.5	0.3 0.1	5.4 0.8

SUMMARY OF GEOLOGIC UNITS BY LINE 210

CODE	UNIT	RECS	*** K ***	*** U ***	*** T ***	** U/K **	** U/T **	** T/K **
			MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.
318.	DSu	71.0	0.6 0.1	1.2 0.3	3.3 0.6	2.1 0.6	0.4 0.1	5.4 0.9

SUMMARY OF GEOLOGIC UNITS BY LINE 220

CODE	UNIT	RECS	*** K ***	*** U ***	*** T ***	** U/K **	** U/T **	** T/K **
			MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.
302.	Dga	4.0	0.8 0.1	1.3 0.2	4.0 0.5	1.7 0.3	0.3 0.0	5.2 0.3
318.	DSu	75.0	0.6 0.1	1.4 0.3	3.2 0.6	2.3 0.6	0.4 0.1	5.2 0.9

SUMMARY OF GEOLOGIC UNITS BY LINE 230

CODE	UNIT	RECS	*** K ***	*** U ***	*** T ***	** U/K **	** U/T **	** T/K **
			MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.
305.	Ds	14.0	0.7 0.1	1.2 0.3	3.6 0.7	1.8 0.5	0.3 0.1	5.3 0.6
318.	DSu	42.0	0.7 0.2	1.5 0.3	3.7 0.9	2.3 1.1	0.4 0.1	5.4 1.0
328.	Oat	20.0	0.7 0.2	1.3 0.4	3.0 1.1	1.8 0.6	0.5 0.2	4.1 0.8
401.	PCc1	14.0	0.6 0.1	1.2 0.3	2.9 0.3	1.9 0.6	0.4 0.1	4.7 0.8

SUMMARY OF GEOLOGIC UNITS BY LINE 240

CODE	UNIT	RECS	*** K ***	*** U ***	*** T ***	** U/K **	** U/T **	** T/K **
			MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.
318.	DSu	28.0	0.8 0.3	1.1 0.3	3.6 0.7	1.6 0.6	0.3 0.1	5.0 1.2
328.	Oat	50.0	0.8 0.3	1.0 0.4	4.0 1.2	1.4 0.4	0.3 0.1	4.8 0.9
330.	Od	4.0	0.6 0.1	0.7 0.2	3.0 0.5	1.2 0.3	0.3 0.1	4.8 0.6

331.	Ogr	7.0	0.6 0.2	1.0 0.3	3.0 0.9	1.6 0.2	0.4 0.1	4.3 0.6
401.	PCc1	42.0	0.7 0.2	1.1 0.3	3.4 0.7	1.5 0.6	0.3 0.2	4.6 0.8

SUMMARY OF GEOLOGIC UNITS BY LINE 260

CODE	UNIT	RECS	*** K ***	*** U ***	*** T ***	** U/K **	** U/T **	** T/K **
			MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.	MEAN ST.DEV.
318.	DSu	42.0	0.9 0.3	1.3 0.4	4.9 2.1	1.5 0.4	0.3 0.1	5.7 1.1
328.	Oat	39.0	1.1 0.4	1.4 0.5	5.3 2.6	1.3 0.4	0.3 0.1	4.5 0.7
401.	PCc1	60.0	1.0 0.2	1.1 0.4	4.1 0.7	1.0 0.3	0.3 0.1	4.1 0.6

MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7

SUMMARY OF GEOLOGIC UNITS BY LINE 280

CODE	UNIT	RECS	*** K ***		*** U ***		*** T ***		** U/K **		** U/T **		** T/K **	
			MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.
301.	Dgr	31.0	0.7	0.2	1.0	0.3	3.2	0.7	1.6	0.6	0.3	0.1	4.7	0.8
304.	ga	11.0	1.0	0.2	0.9	0.2	4.0	0.7	1.0	0.3	0.2	0.1	4.2	0.7
318.	DSu	28.0	1.0	0.3	1.4	0.4	4.8	1.2	1.5	0.4	0.3	0.1	5.0	0.8
333.	Cdr	4.0	0.8	0.2	1.0	0.1	4.2	0.3	1.4	0.4	0.2	0.0	5.6	0.8
334.	Chm	5.0	0.9	0.1	1.4	0.5	4.6	0.5	1.5	0.5	0.3	0.1	5.0	0.5
335.	Cjp	24.0	0.8	0.2	1.2	0.3	4.3	0.9	1.6	0.4	0.3	0.1	5.4	0.9
401.	PCc1	48.0	1.0	0.1	1.0	0.3	3.9	0.6	1.0	0.3	0.3	0.1	3.9	0.5

SUMMARY OF GEOLOGIC UNITS BY LINE 300

CODE	UNIT	RECS	*** K ***		*** U ***		*** T ***		** U/K **		** U/T **		** T/K **	
			MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.
301.	Dgr	15.0	0.8	0.2	1.1	0.4	3.6	1.1	1.4	0.4	0.3	0.1	4.7	0.4
302.	Dga	13.0	0.6	0.2	0.9	0.3	3.1	0.8	1.3	0.3	0.3	0.1	5.1	0.9
304.	ga	5.0	1.0	0.3	0.9	0.4	4.1	1.3	0.8	0.2	0.2	0.1	4.3	0.3
305.	Ds	9.0	0.8	0.1	0.9	0.3	4.2	0.4	1.2	0.5	0.2	0.1	5.1	0.8
318.	DSu	11.0	0.8	0.3	0.7	0.3	3.1	1.1	0.9	0.4	0.2	0.1	4.0	0.4
333.	Cdr	30.0	0.9	0.1	1.1	0.3	4.6	0.9	1.3	0.3	0.2	0.1	5.3	0.8
334.	Chm	20.0	0.9	0.1	1.2	0.2	4.4	0.6	1.3	0.3	0.3	0.1	4.7	0.4
335.	Cjp	8.0	0.9	0.2	1.1	0.4	4.1	1.3	1.1	0.3	0.3	0.1	4.4	0.6
401.	PCc1	50.0	1.0	0.2	1.0	0.2	3.7	0.6	1.1	0.3	0.3	0.1	4.0	0.5
403.	Df	11.0	0.8	0.2	1.1	0.1	4.1	0.7	1.4	0.4	0.3	0.1	5.1	0.5
404.	Ogc	13.0	0.7	0.1	0.8	0.2	3.5	0.6	1.2	0.2	0.2	0.0	4.8	0.6
405.	Ooc	6.0	0.6	0.1	0.9	0.3	3.0	0.8	1.7	0.6	0.3	0.1	5.4	0.8

MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7

SUMMARY OF GEOLOGIC UNITS BY LINE 320

CODE	UNIT	RECS	*** K ***		*** U ***		*** T ***		** U/K **		** U/T **		** T/K **	
			MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.
301.	Dgr	40.0	0.7	0.2	0.9	0.4	3.5	1.3	1.3	0.4	0.3	0.1	5.2	0.7
302.	Dga	23.0	0.7	0.2	1.0	0.5	3.9	1.1	1.5	0.7	0.3	0.1	5.6	1.7
324.	Src	4.0	1.0	0.2	1.6	0.3	5.7	1.4	1.5	0.4	0.3	0.1	5.4	0.7
333.	Cdr	23.0	0.8	0.1	1.0	0.2	3.7	0.7	1.2	0.3	0.3	0.1	4.5	0.6
334.	Chm	35.0	0.8	0.2	0.9	0.3	3.9	1.2	1.3	0.5	0.3	0.1	5.1	0.6
335.	Cjp	44.0	1.0	0.2	1.0	0.2	4.1	0.7	1.0	0.3	0.2	0.1	4.2	0.5
404.	Ogc	26.0	0.8	0.2	1.1	0.2	4.1	0.7	1.3	0.3	0.3	0.1	5.1	0.6
405.	Ooc	33.0	0.6	0.2	0.9	0.3	3.1	1.0	1.7	0.7	0.3	0.1	5.8	1.5

SUMMARY OF GEOLOGIC UNITS BY LINE 340

CODE	UNIT	RECS	*** K ***		*** U ***		*** T ***		** U/K **		** U/T **		** T/K **	
			MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.
301.	Dgr	43.0	1.0	0.2	1.5	0.5	5.0	0.9	1.5	0.4	0.3	0.1	5.2	0.9
302.	Dga	33.0	0.7	0.2	1.0	0.3	3.8	0.9	1.5	0.3	0.3	0.1	5.6	0.7
307.	Dcs	54.0	0.9	0.2	1.5	0.4	4.5	1.1	1.7	0.6	0.3	0.1	5.0	0.7
320.	Sp	5.0	1.0	0.1	1.5	0.4	5.3	0.8	1.5	0.4	0.3	0.1	5.7	0.7
324.	Src	21.0	1.0	0.1	1.2	0.3	4.8	0.5	1.2	0.3	0.3	0.1	4.9	0.5
333.	Cdr	25.0	0.9	0.3	1.1	0.4	4.3	1.4	1.2	0.3	0.3	0.1	4.8	0.8
404.	Ogc	23.0	0.8	0.1	1.3	0.2	4.0	0.8	1.7	0.3	0.3	0.1	5.2	0.5
405.	Ooc	44.0	0.6	0.2	1.0	0.3	3.2	0.7	1.7	0.5	0.3	0.1	5.6	0.8



MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7

SUMMARY OF GEOLOGIC UNITS BY LINE 360

CODE	UNIT	RECS	*** K ***		*** U ***		*** T ***		** U/K **		** U/T **		** T/K **	
			MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.
301.	Dgr	41.0	1.0	0.2	1.5	0.5	3.8	0.8	1.5	0.4	0.4	0.2	4.0	1.0
302.	Dga	36.0	0.4	0.2	0.8	0.4	2.8	2.1	1.8	0.6	0.4	0.2	6.4	3.5
303.	rhg	11.0	0.4	0.1	0.7	0.2	6.0	1.7	1.5	0.5	0.1	0.0	13.9	3.6
307.	Dcs	7.0	0.9	0.2	1.5	0.5	4.7	1.1	1.7	0.4	0.3	0.1	5.0	0.5
309.	Dcm	10.0	1.0	0.2	1.6	0.4	4.7	0.7	1.7	0.4	0.3	0.1	5.2	0.1
317.	DSm	4.0	0.8	0.1	1.0	0.3	4.1	0.9	1.2	0.2	0.3	0.0	4.8	0.7
320.	Sp	4.0	0.5	0.1	0.5	0.1	2.5	0.4	1.1	0.1	0.2	0.1	5.2	0.7
323.	Srb	17.0	0.8	0.3	1.4	0.6	4.1	1.5	1.6	0.3	0.2	0.1	5.0	0.8
325.	Og	6.0	0.7	0.1	1.0	0.3	5.7	1.0	1.3	0.3	0.2	0.1	7.3	1.2
326.	Oq	17.0	0.7	0.2	1.3	0.4	4.6	0.9	1.9	0.5	0.3	0.1	6.9	1.6
333.	Cdr	29.0	0.9	0.1	1.0	0.2	4.8	0.6	1.2	0.3	0.2	0.1	5.5	0.6
334.	Chm	19.0	0.8	0.2	1.0	0.3	4.2	0.8	1.3	0.3	0.2	0.1	5.3	0.5
404.	Ogc	20.0	0.8	0.2	1.2	0.3	4.6	0.7	1.5	0.4	0.3	0.1	5.6	0.6
405.	Ooc	39.0	0.5	0.1	0.8	0.3	3.0	0.7	1.7	0.7	0.3	0.1	6.0	1.4
408.	Oalc	26.0	0.7	0.2	0.9	0.2	3.6	0.7	1.3	0.3	0.3	0.1	5.0	0.6
412.	Owrc	11.0	0.8	0.2	1.0	0.4	4.2	0.5	1.2	0.3	0.2	0.1	5.3	0.7

MAINE SURVEY 1980, SHERBROOKE QUAD, NL19-7

SUMMARY OF GEOLOGIC UNITS BY LINE 965

CODE	UNIT	RECS	*** K ***		*** U ***		*** T ***		** U/K **		** U/T **		** T/K **	
			MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.
404.	Ogc	65.0	0.8	0.1	1.2	0.3	4.0	0.5	1.5	0.4	0.3	0.1	5.3	0.8

SUMMARY OF GEOLOGIC UNITS BY LINE 970

CODE	UNIT	RECS	*** K ***		*** U ***		*** T ***		** U/K **		** U/T **		** T/K **	
			MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.
305.	Ds	5.0	0.8	0.2	1.1	0.3	3.6	0.3	1.3	0.2	0.3	0.1	4.4	0.8
333.	Cdr	10.0	0.6	0.2	1.2	0.2	3.9	0.9	1.8	0.3	0.3	0.1	6.0	0.6
334.	Chm	14.0	0.9	0.2	1.4	0.4	4.2	0.8	1.5	0.4	0.3	0.1	4.5	0.6
335.	Cjp	12.0	0.9	0.2	1.0	0.3	3.5	0.8	1.1	0.2	0.3	0.1	3.9	0.5
403.	Df	12.0	0.6	0.1	1.2	0.3	2.8	0.5	2.2	0.6	0.5	0.2	4.8	0.8

SUMMARY OF GEOLOGIC UNITS BY LINE 980

CODE	UNIT	RECS	*** K ***		*** U ***		*** T ***		** U/K **		** U/T **		** T/K **	
			MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.
302.	Dga	6.0	1.0	0.3	1.6	0.4	6.6	1.6	1.6	0.5	0.3	0.1	7.7	3.9
303.	rhg	13.0	0.6	0.2	1.0	0.5	5.8	1.1	1.6	0.6	0.2	0.1	9.3	2.5
305.	Ds	4.0	0.8	0.1	1.4	0.2	3.4	0.4	1.9	0.4	0.4	0.1	4.4	0.6
324.	Src	17.0	1.1	0.2	1.4	0.5	5.2	0.9	1.3	0.4	0.3	0.1	4.8	0.4
333.	Cdr	10.0	0.9	0.2	1.2	0.3	4.7	1.2	1.4	0.4	0.3	0.1	5.2	0.5
334.	Chm	14.0	0.7	0.1	1.0	0.3	2.9	0.6	1.3	0.3	0.3	0.1	3.9	0.5
401.	PCcl	91.0	1.0	0.2	1.2	0.3	4.1	0.7	1.2	0.4	0.3	0.1	4.1	0.5
414.	Cb	4.0	0.8	0.1	0.8	0.3	2.9	0.5	0.9	0.4	0.3	0.1	3.6	0.4
415.	Cv	7.0	0.9	0.1	1.9	0.3	4.4	0.5	2.0	0.3	0.4	0.1	4.7	0.3

SUMMARY OF GEOLOGIC UNITS BY LINE 990

CODE	UNIT	RECS	*** K ***		*** U ***		*** T ***		** U/K **		** U/T **		** T/K **	
			MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.	MEAN	ST.DEV.
301.	Dgr	9.0	0.8	0.3	1.3	0.2	3.6	1.0	1.7	0.5	0.4	0.1	4.6	0.6
302.	Dga	27.0	0.5	0.3	1.0	0.5	2.5	1.6	2.1	0.6	0.4	0.2	5.0	1.1
305.	Ds	4.0	1.0	0.1	1.6	0.3	5.9	0.6	1.6	0.1	0.3	0.0	5.6	0.4
306.	Dh	9.0	1.0	0.1	1.7	0.2	5.1	0.4	1.7	0.3	0.3	0.1	5.2	0.5
307.	Dcs	5.0	1.0	0.1	1.4	0.2	5.7	0.5	1.4	0.2	0.3	0.0	5.6	0.3
317.	DSu	116.0	0.7	0.2	1.0	0.3	3.6	0.9	1.4	0.5	0.3	0.1	5.0	0.7
320.	Sp	6.0	0.7	0.2	1.1	0.4	3.4	1.0	1.6	0.4	0.3	0.1	5.2	0.4
328.	Oat	46.0	1.0	0.3	1.3	0.5	4.8	1.7	1.5	0.8	0.3	0.2	5.0	0.9
333.	Cdr	21.0	0.9	0.1	1.2	0.3	4.2	0.5	1.3	0.4	0.3	0.1	4.8	0.4
334.	Chm	4.0	0.8	0.1	1.2	0.2	3.5	0.6	1.6	0.1	0.3	0.1	4.6	0.9
335.	Cjp	10.0	0.7	0.1	0.8	0.3	3.2	0.9	1.1	0.4	0.3	0.1	4.3	0.7









