

Geology
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GEOLOGY

National Uranium Resource Evaluation

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

FINAL REPORT

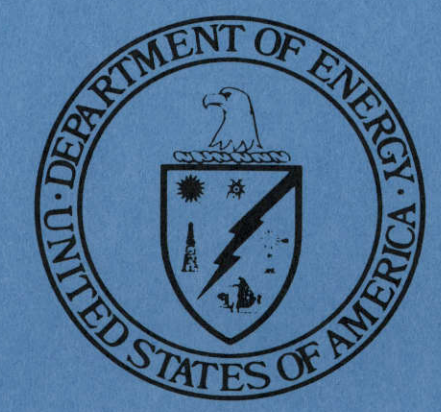
**VOLUME II
LEWISTON NL 19-10 QUADRANGLE**

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CARSON HELICOPTERS, INC.

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

July 1981

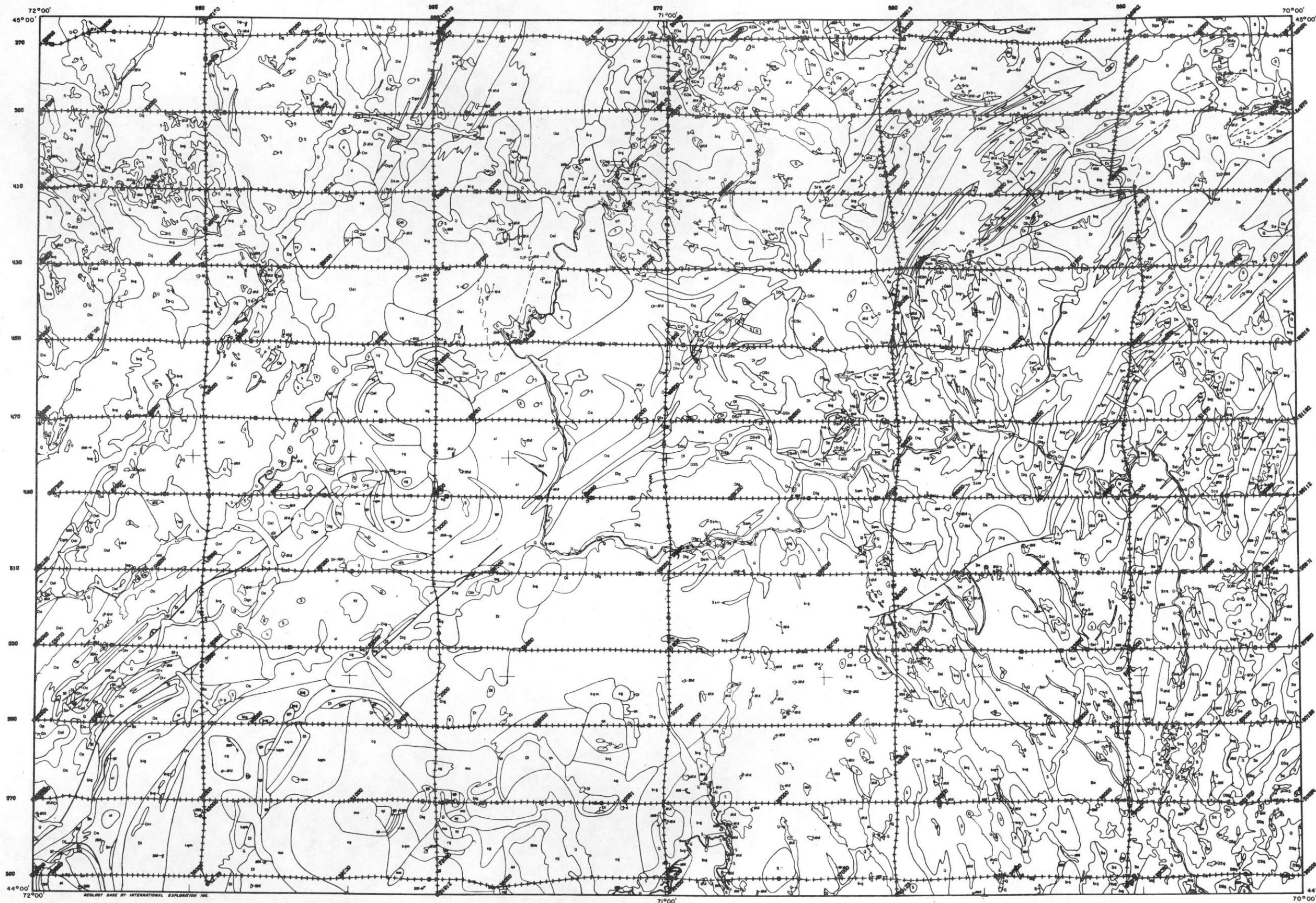


PREPARED FOR U.S. DEPARTMENT OF ENERGY
Grand Junction Office, Colorado

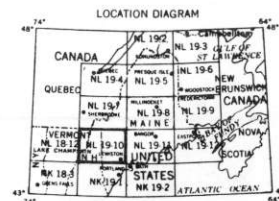
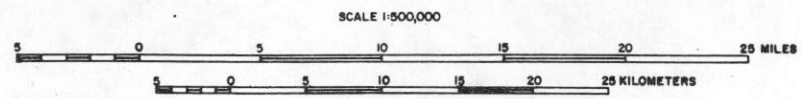
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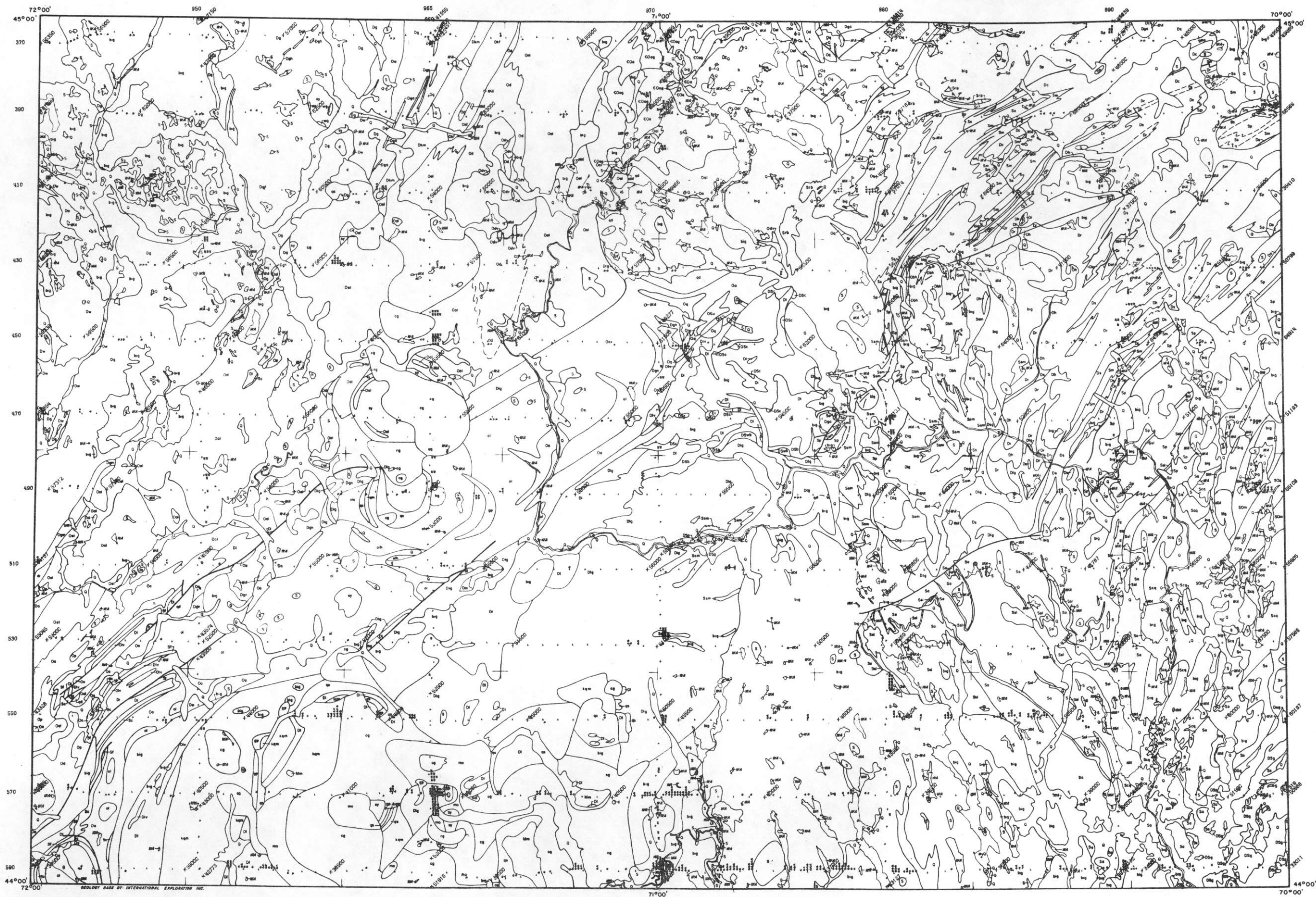
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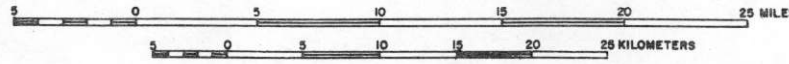


NURE AERIAL GAMMA-RAY AND MAGNETIC RECONNAISSANCE SURVEY
MAINE-LEWISTON NL 19-10 QUADRANGLE
FLIGHT LINE BASE MAP
 1980-1981
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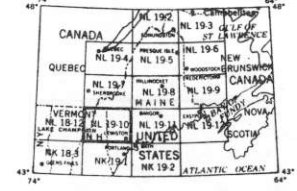


GEOLGY BASE BY INTERNATIONAL EXPLORATION INC.

SCALE 1:500,000

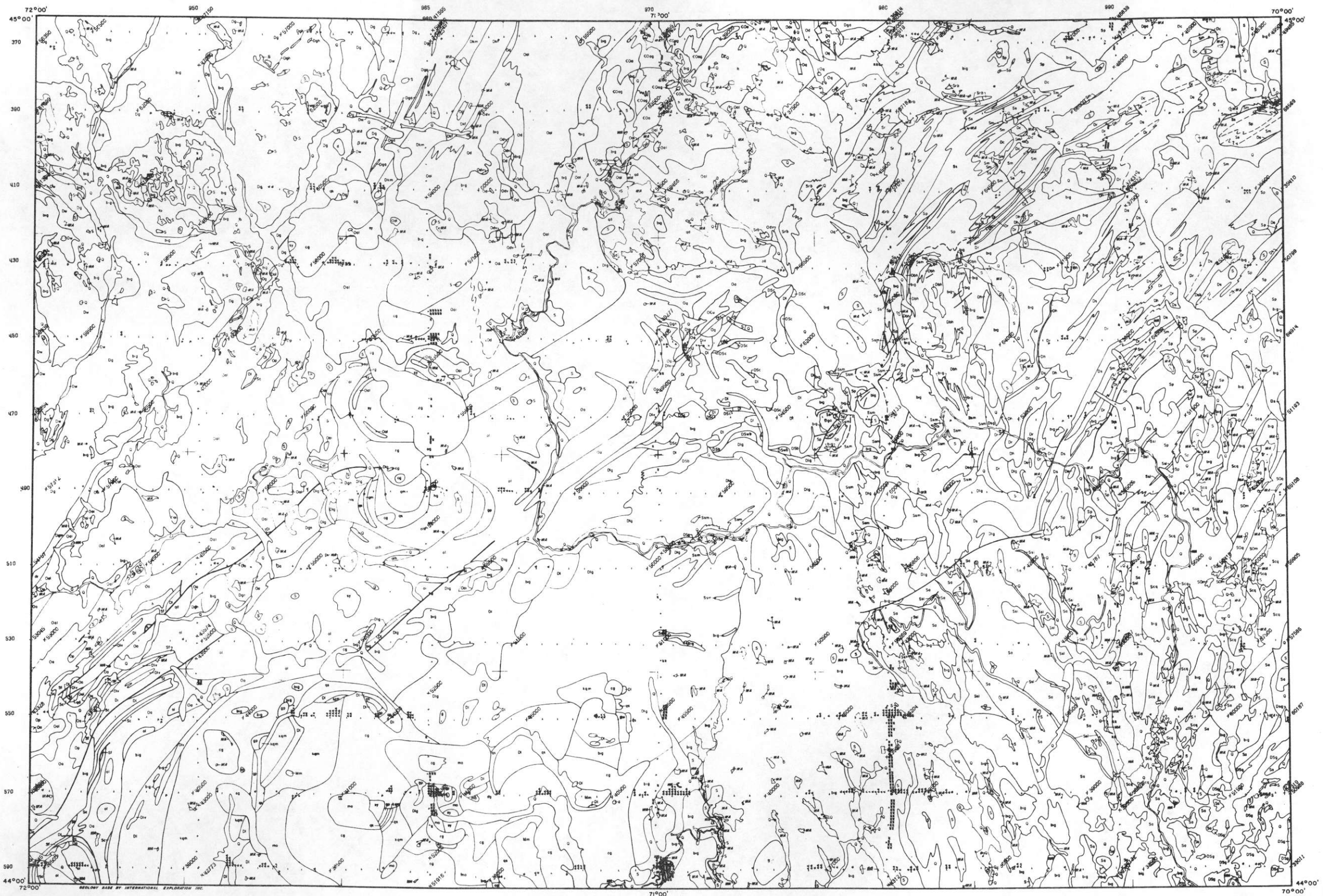


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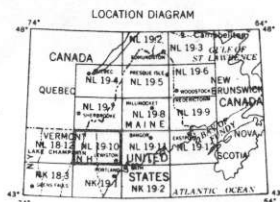
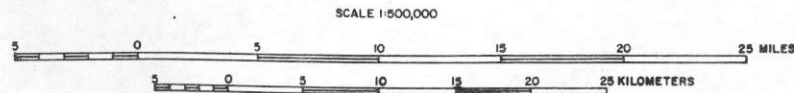


EXPLANATION
 INDIVIDUAL SAMPLES ARE PLOTTED AT 20 SAMPLE INTERVALS AND IDENTIFIED BY RECORD NUMBER AT INTERVALS OF 500 SAMPLES.
 AVERAGED SAMPLES ARE ANNOTATED IF THE DEVIATION OF THE AVERAGED SAMPLE, FROM THE MEAN OF ITS CORRESPONDING ROCK UNIT, IS GREATER THAN ± 1 STANDARD DEVIATION. THE DEVIATION INTERVALS ANNOTATED ARE 1 TO 2, 2 TO 3, AND 3 OR GREATER.
 TRAVERSE LINE DEVIATIONS ARE INDICATED BY SOLID CIRCLES AND TIE LINES BY SQUARES. NORTH OR EAST ARE POSITIVE AND SOUTH OR WEST ARE NEGATIVE.

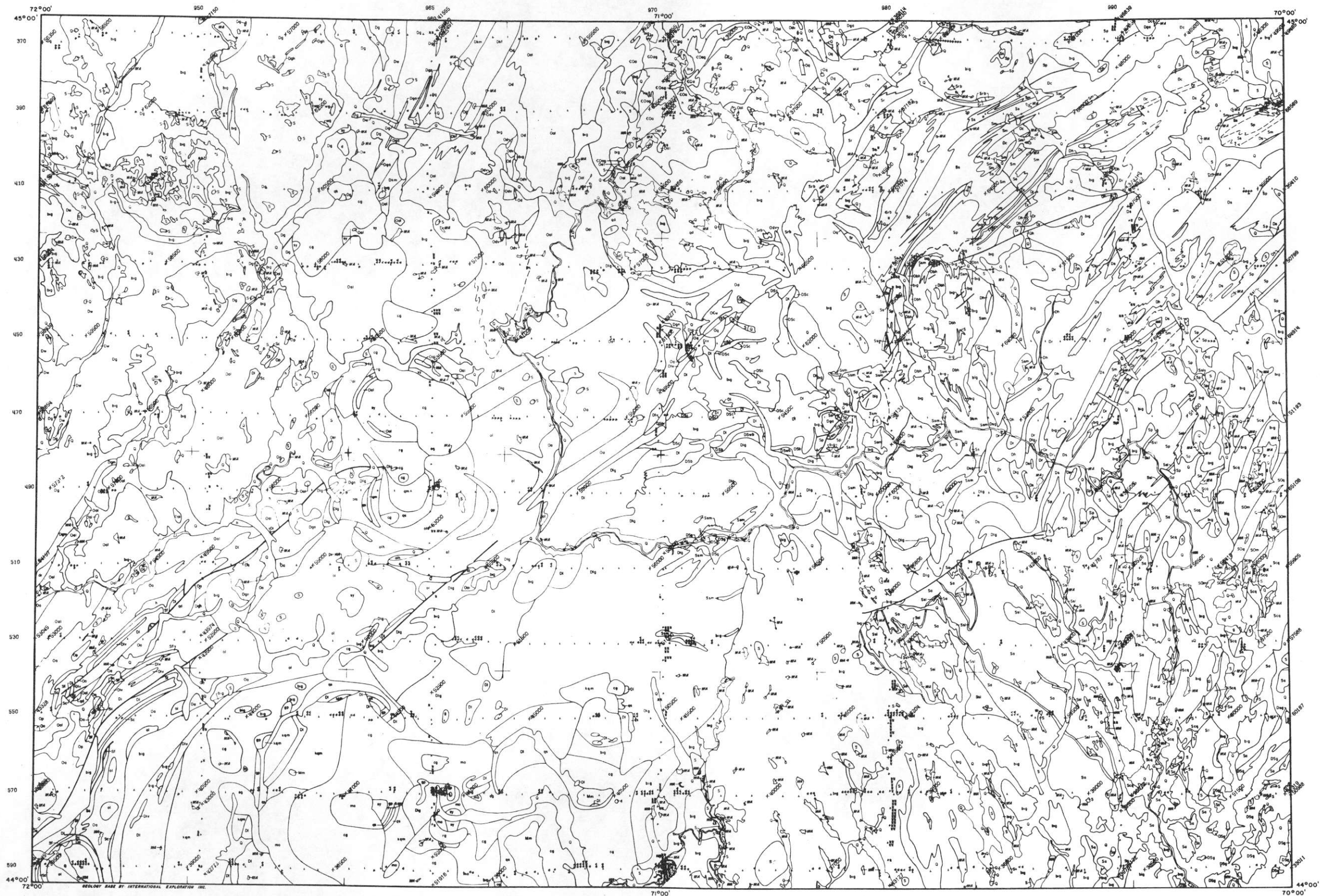
NURE AERIAL GAMMA-RAY AND MAGNETIC RECONNAISSANCE SURVEY
MAINE-LEWISTON NL 19-10 QUADRANGLE
ANOMALY MAP - URANIUM
 1980-1981
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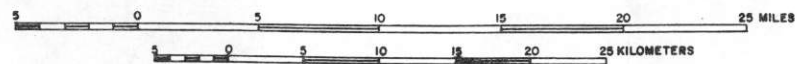


NURE AERIAL GAMMA-RAY AND MAGNETIC RECONNAISSANCE SURVEY
MAINE-LEWISTON NL 19-10 QUADRANGLE
ANOMALY MAP - THORIUM
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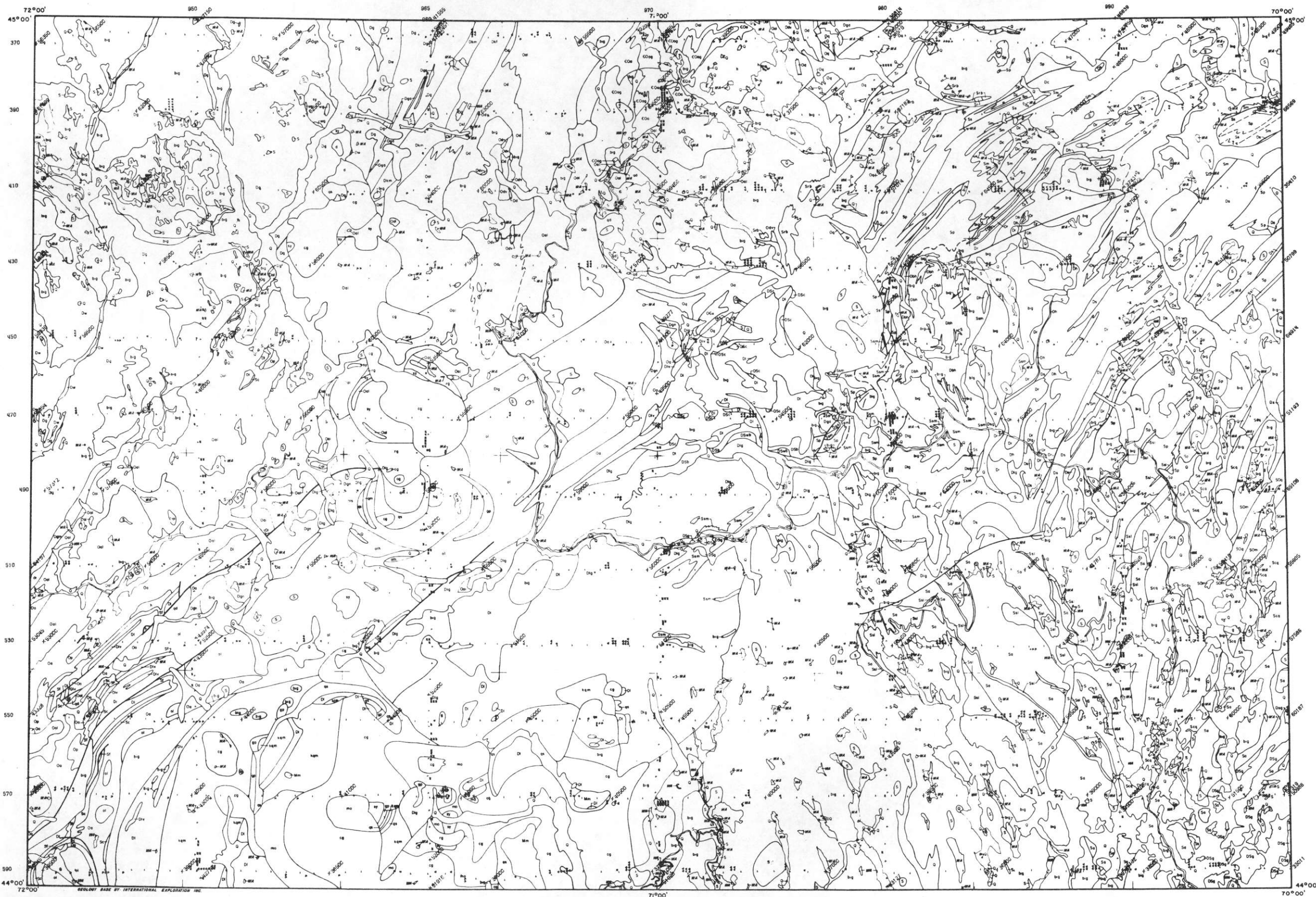
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SCALE 1:500,000



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
MAINE-LEWISTON NL 19-10 QUADRANGLE
ANOMALY MAP - POTASSIUM
 1980-1981
 BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 16944
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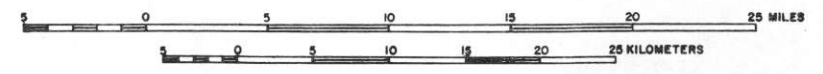
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590 44°00'

72°00' 71°00' 70°00'

SCALE 1:500,000



LOCATION DIAGRAM



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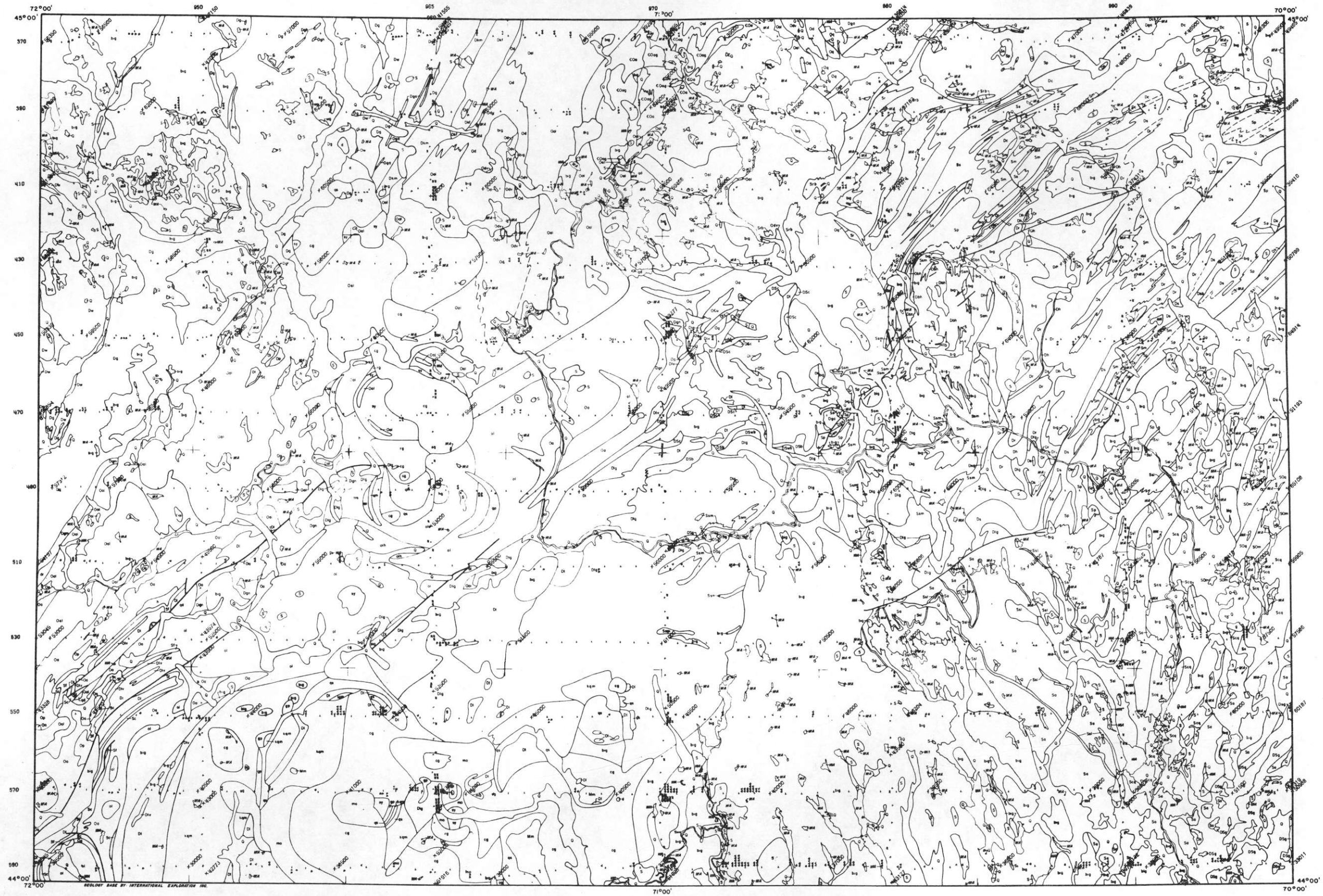
NURE AERIAL GAMMA-RAY AND MAGNETIC RECONNAISSANCE SURVEY

MAINE-LEWISTON NL 19-10 QUADRANGLE ANOMALY MAP - URANIUM / THORIUM

1980-1981

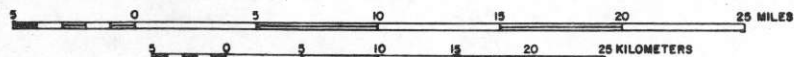
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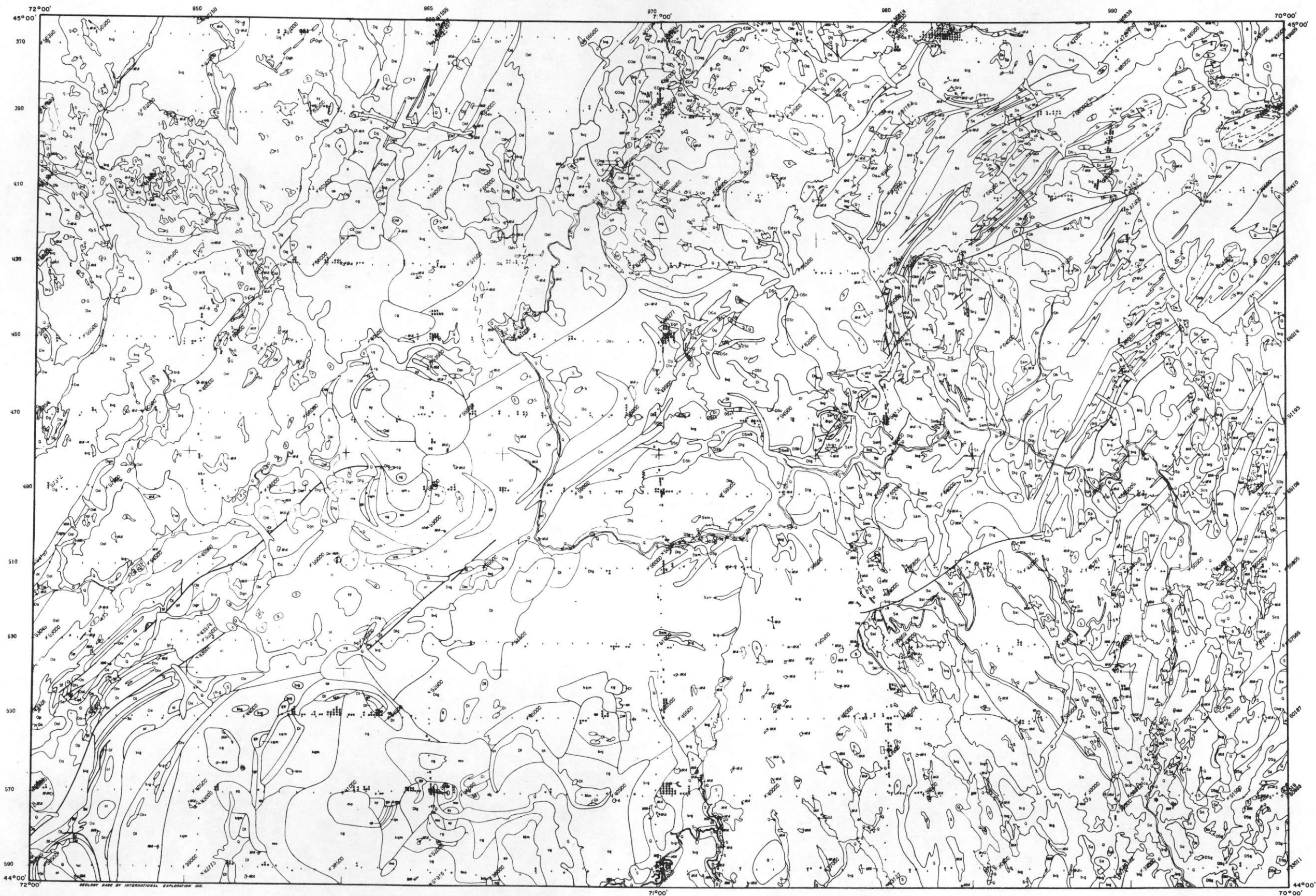
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NURE AERIAL GAMMA-RAY AND MAGNETIC RECONNAISSANCE SURVEY
MAINE-LEWISTON NL 19-10 QUADRANGLE
ANOMALY MAP - URANIUM/POTASSIUM
1980-1981
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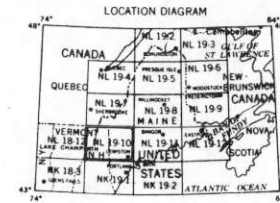
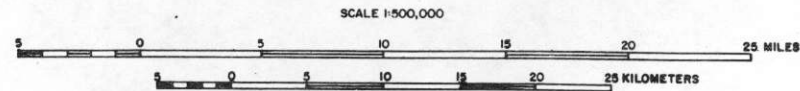


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NURE AERIAL GAMMA-RAY AND MAGNETIC RECONNAISSANCE SURVEY

MAINE-LEWISTON NL 19-10 QUADRANGLE

ANOMALY MAP - THORIUM/POTASSIUM

1980-1981

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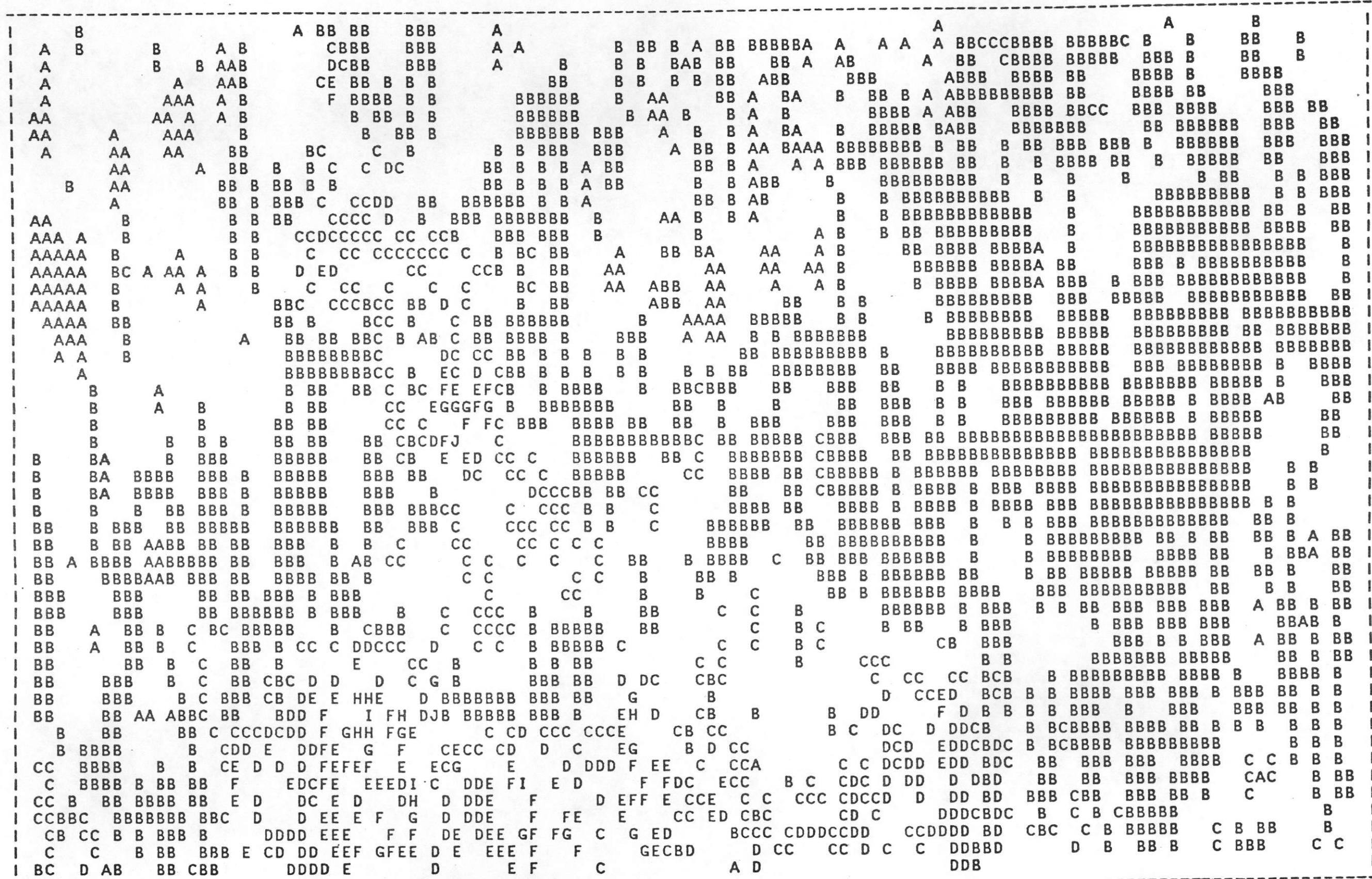
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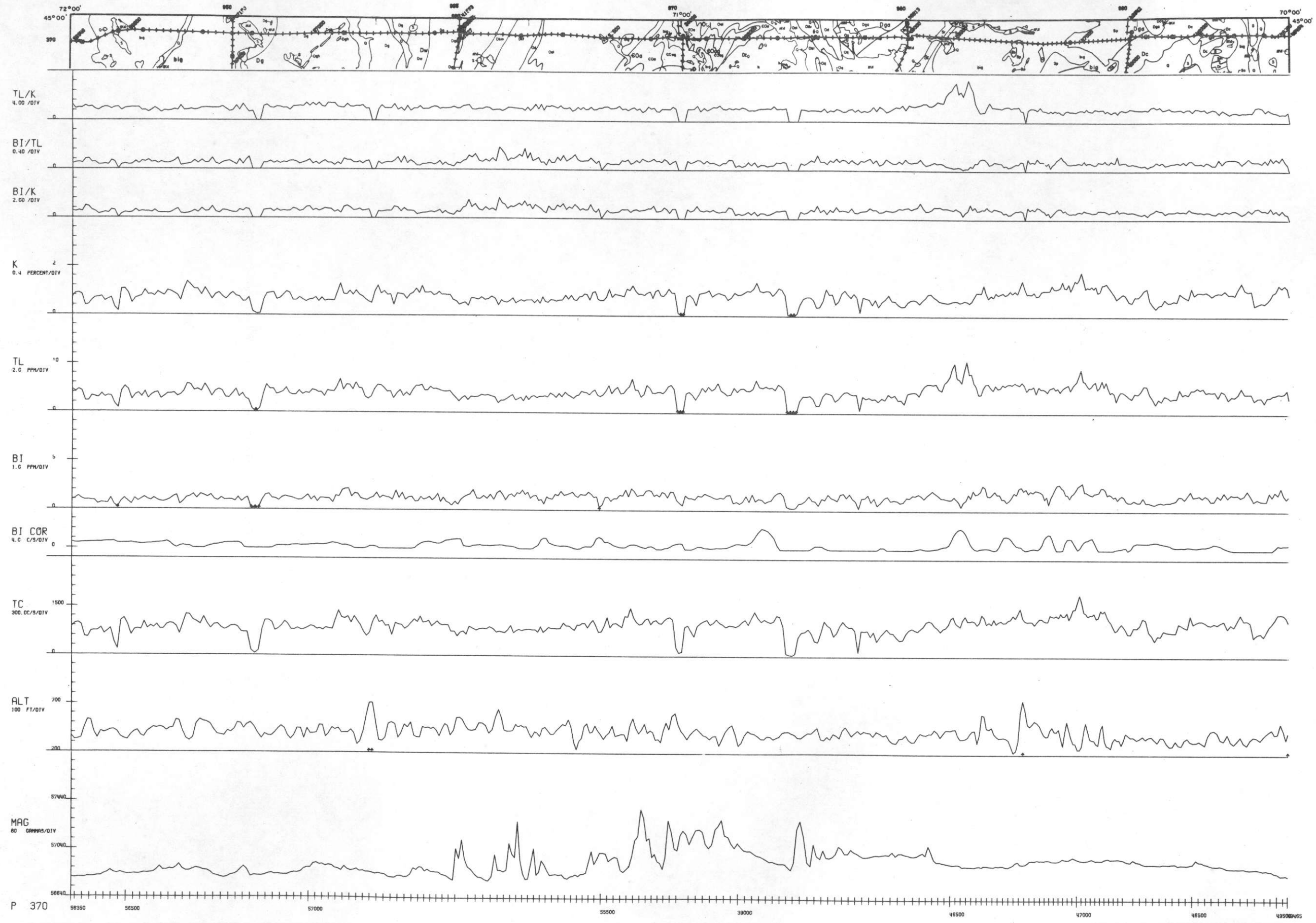
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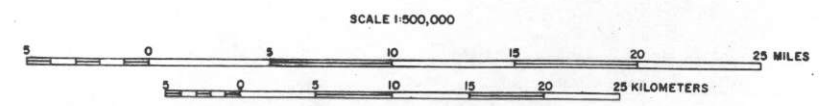
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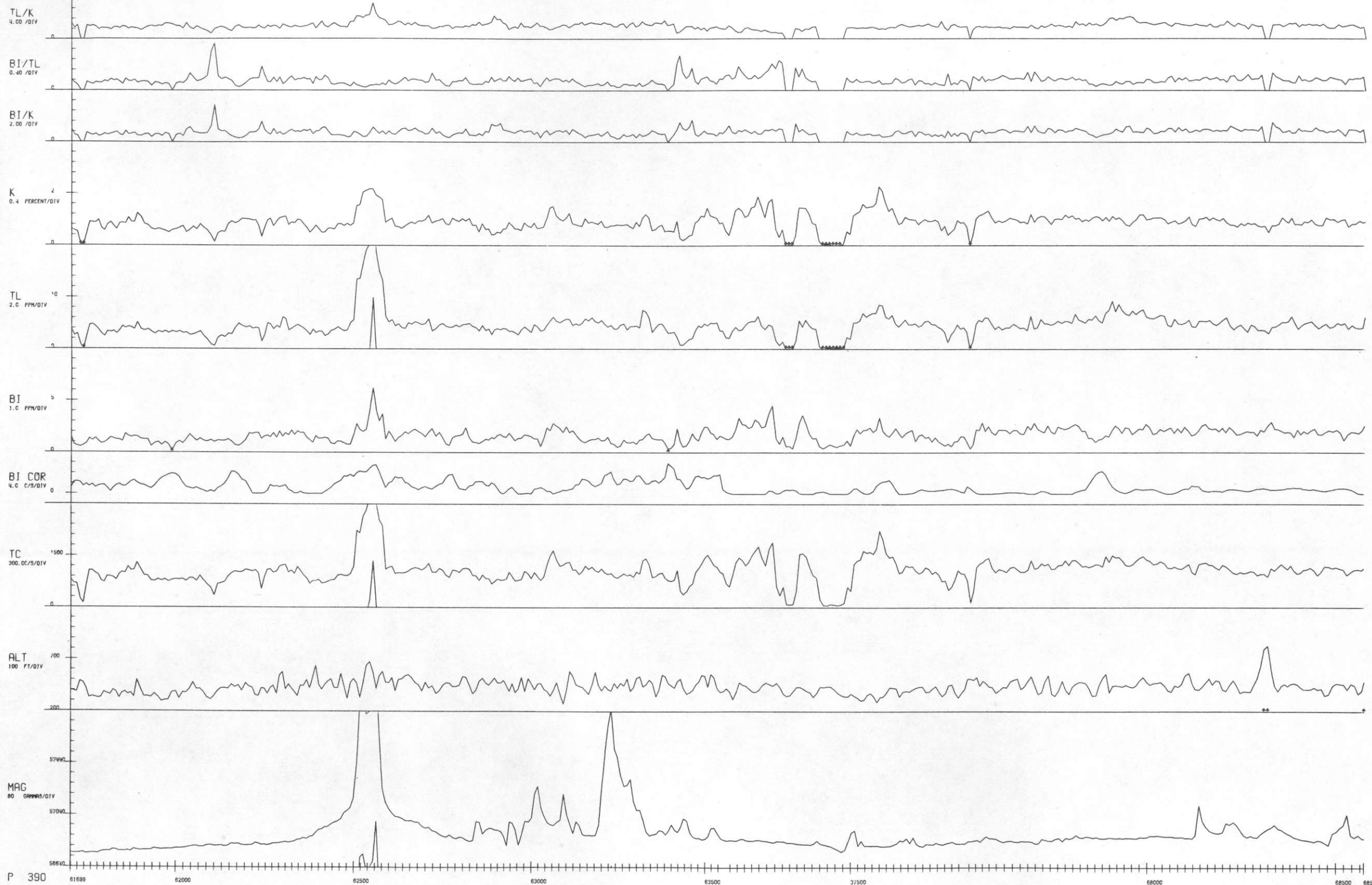
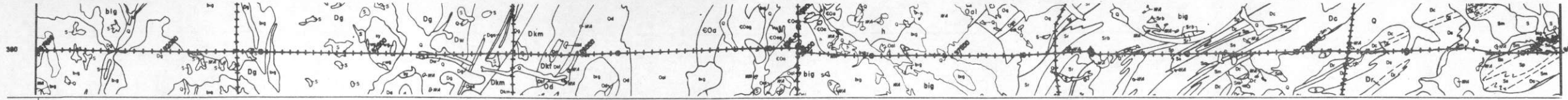

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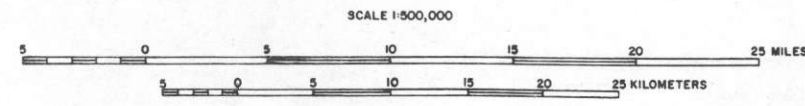
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NURE AERIAL GAMMA-RAY AND MAGNETIC RECONNAISSANCE SURVEY
 MAINE-LEWISTON NL 19-10 QUADRANGLE
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
 1980-1981
 BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944
 PREPARED FOR
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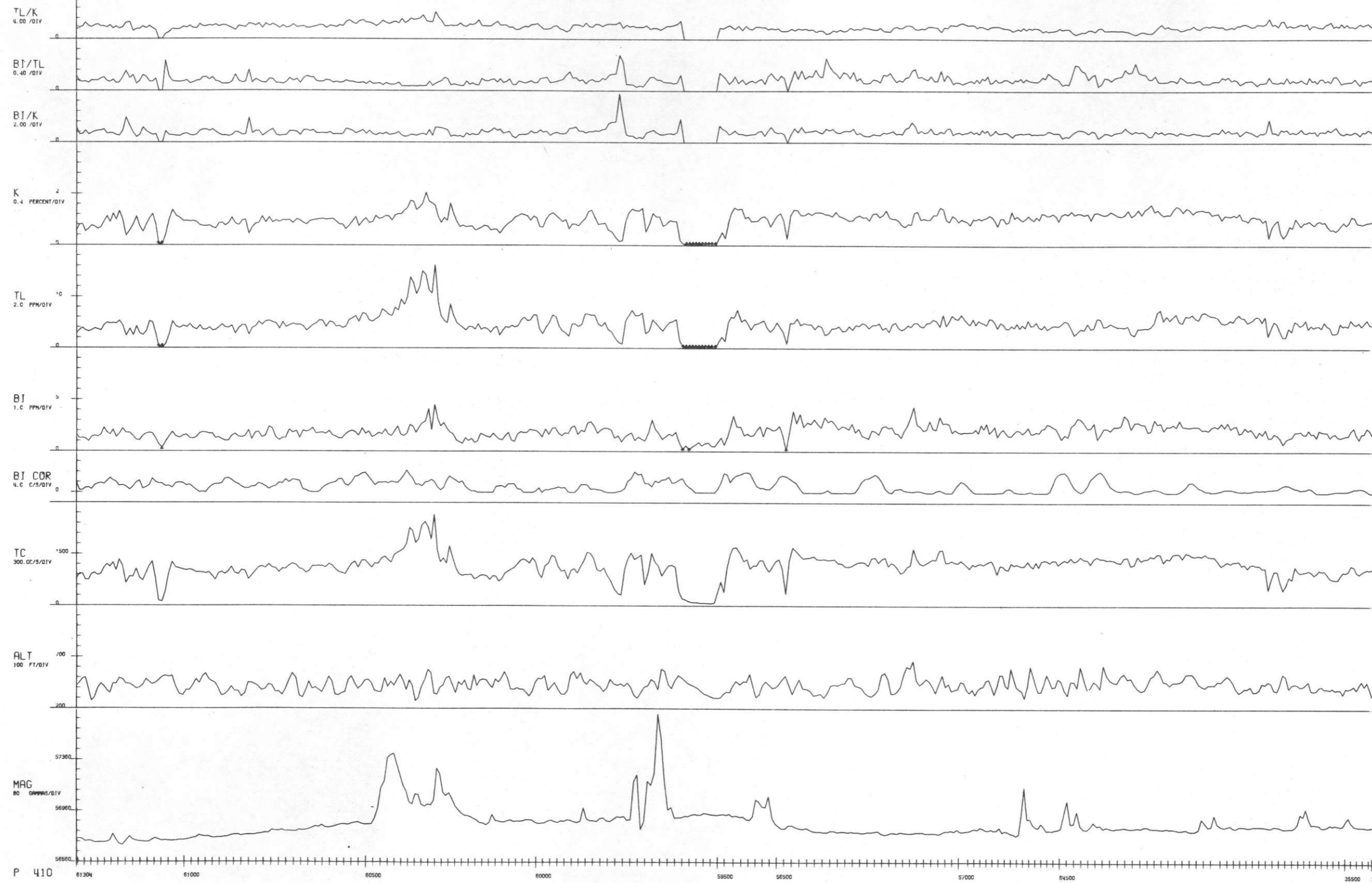
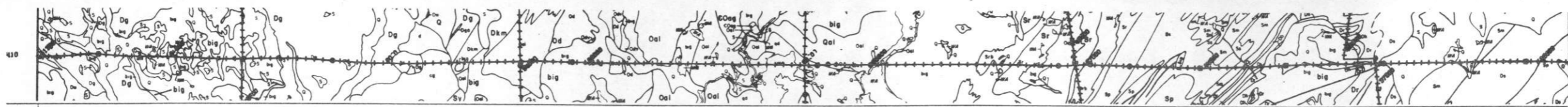


NURE AERIAL GAMMA-RAY AND MAGNETIC
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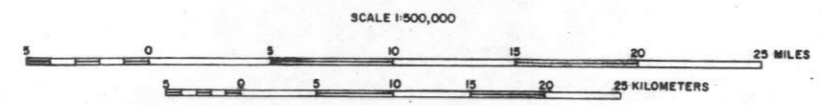
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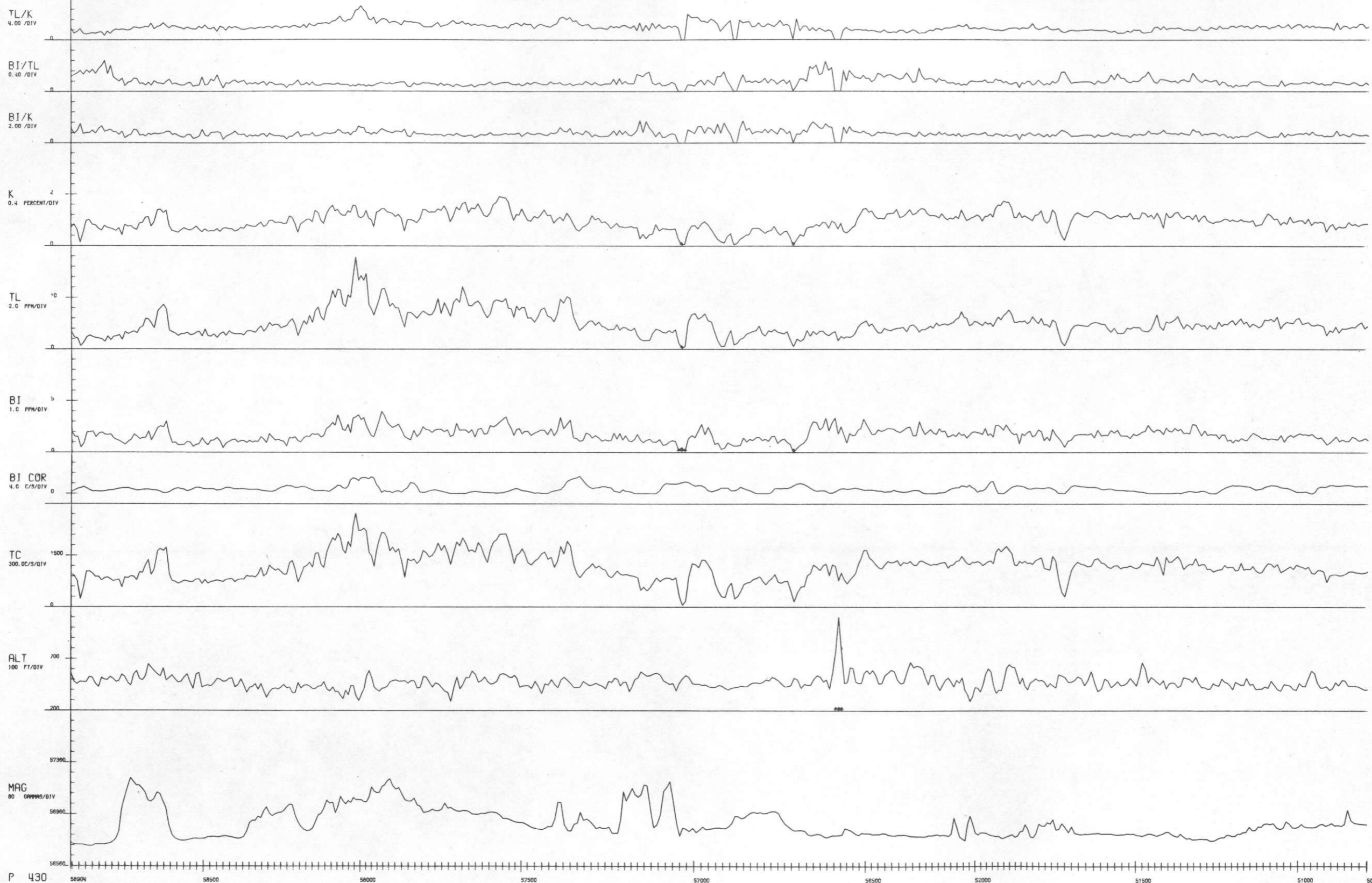
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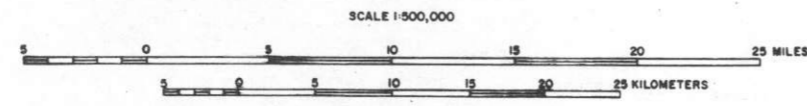
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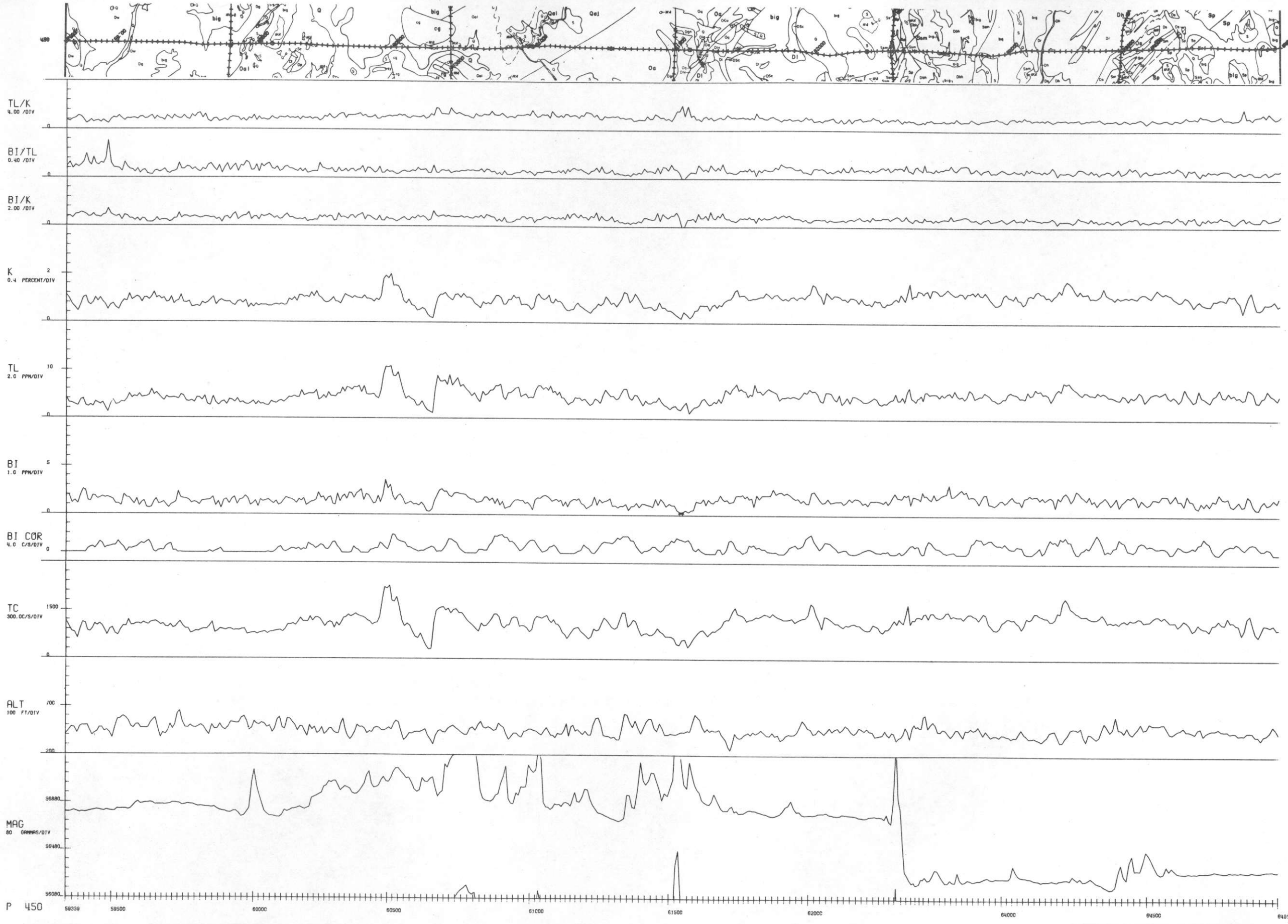
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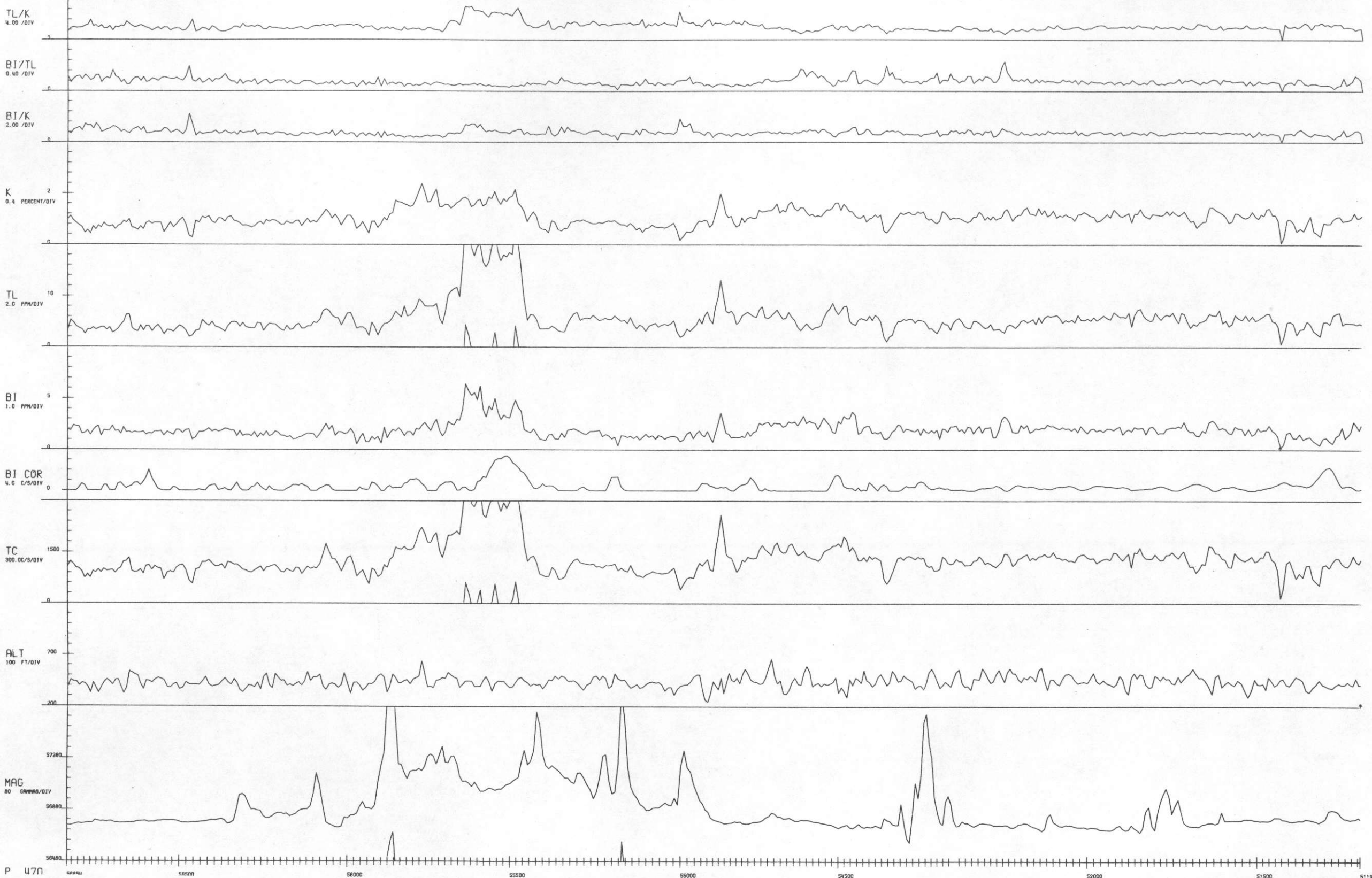
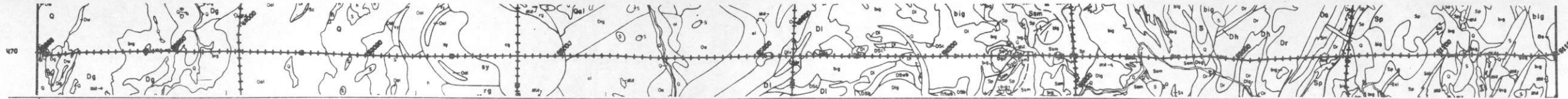


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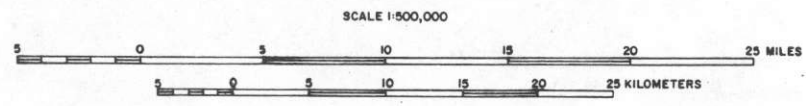


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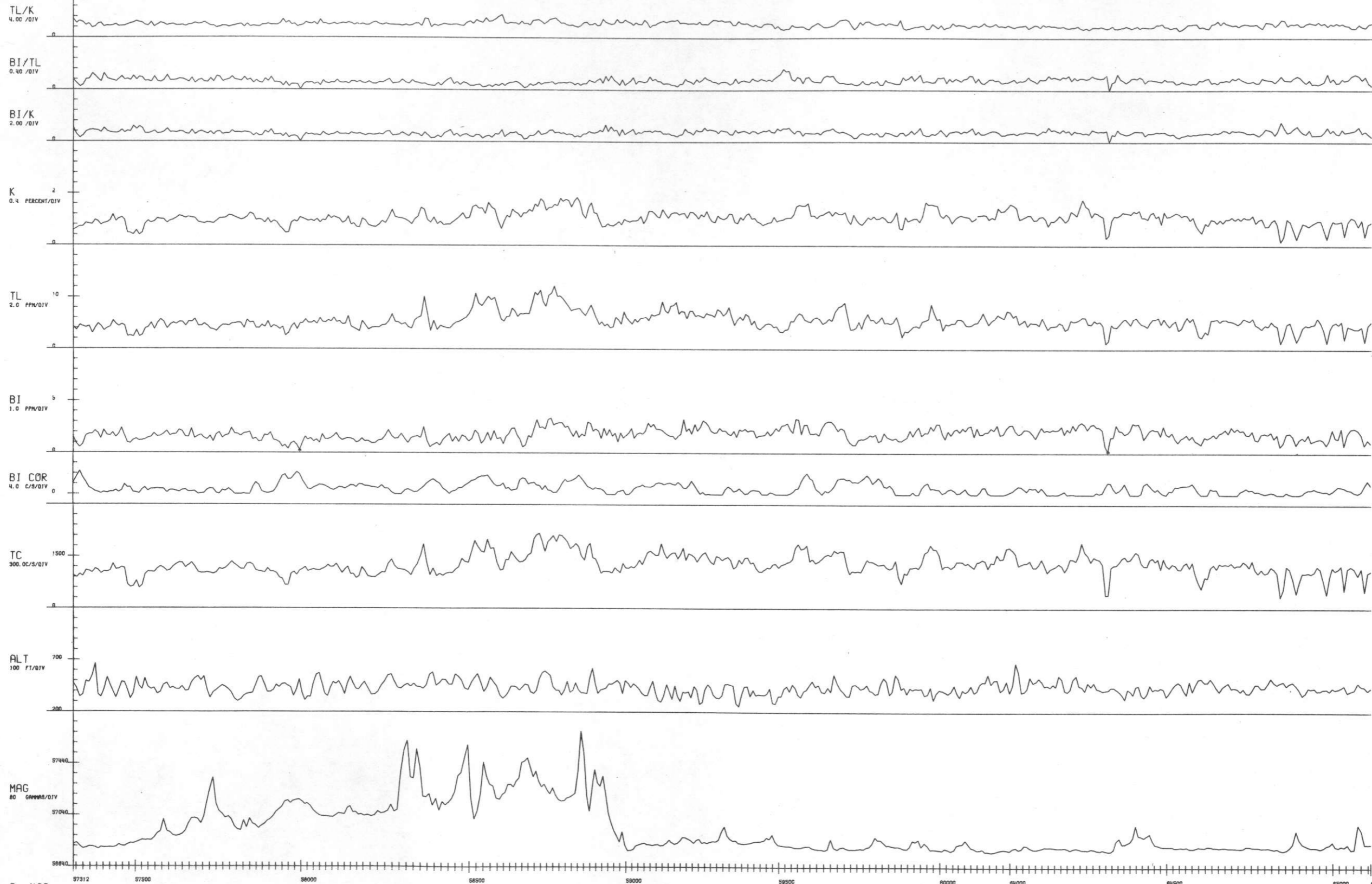
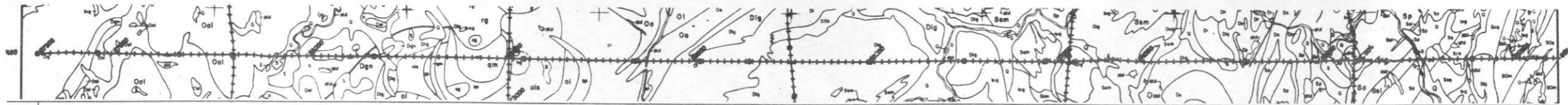
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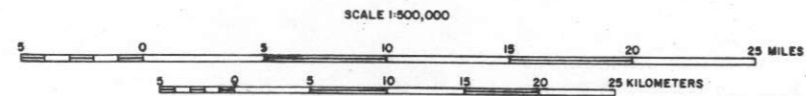


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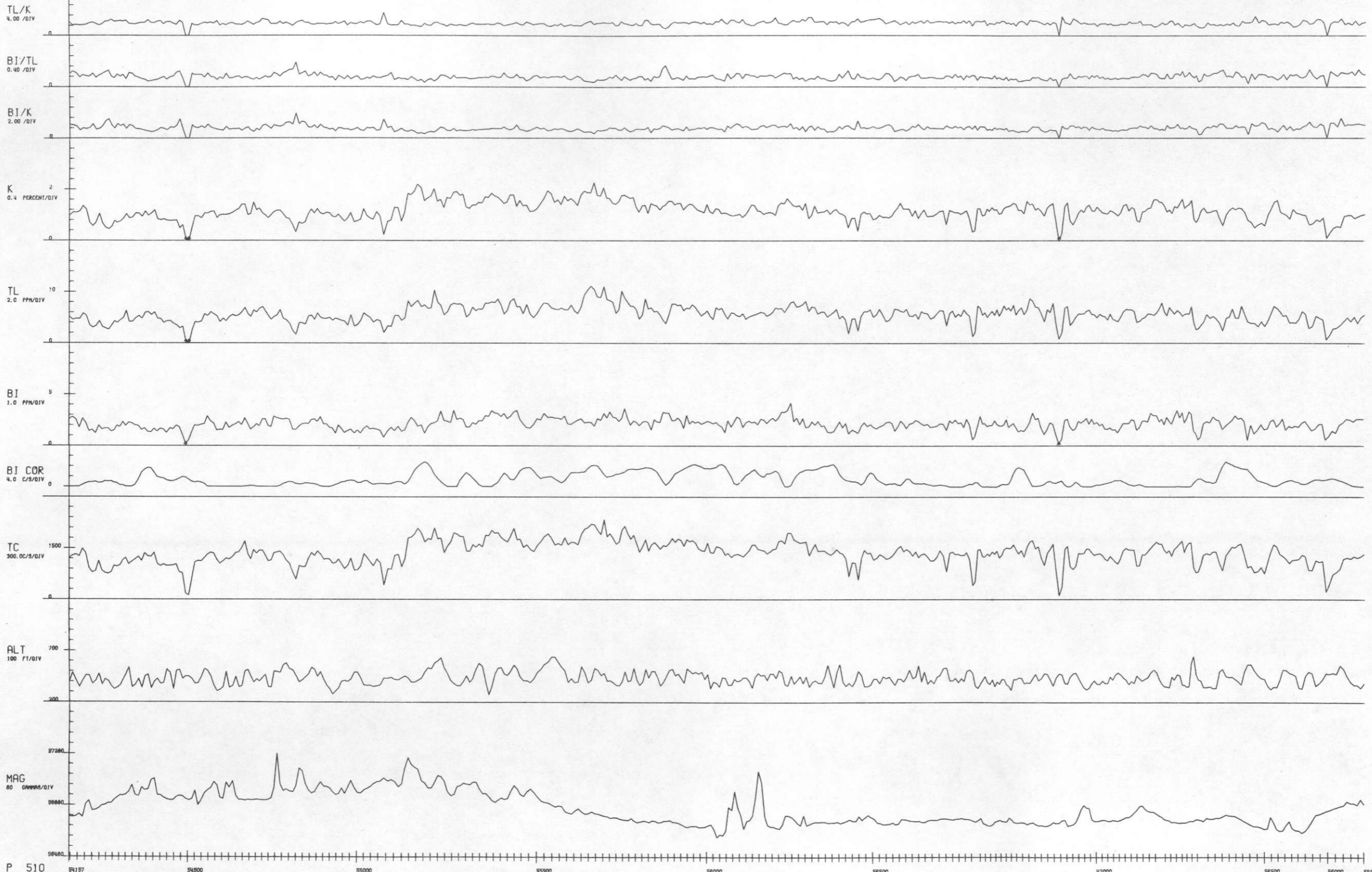
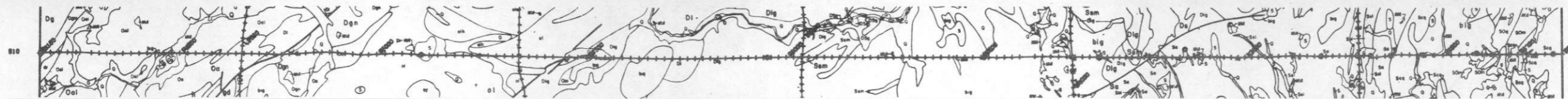


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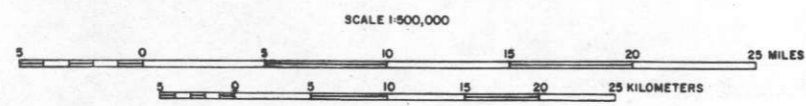
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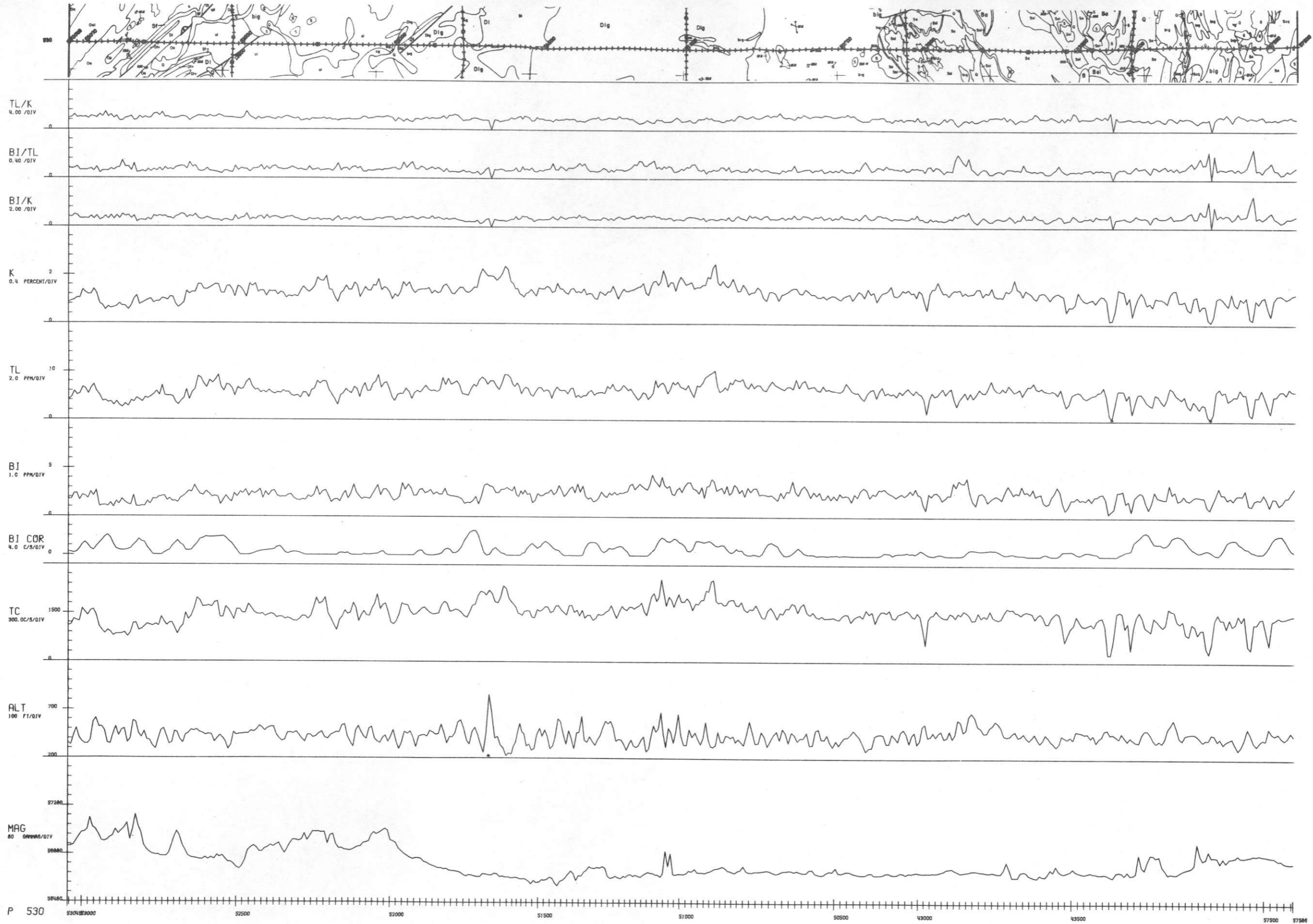


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RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
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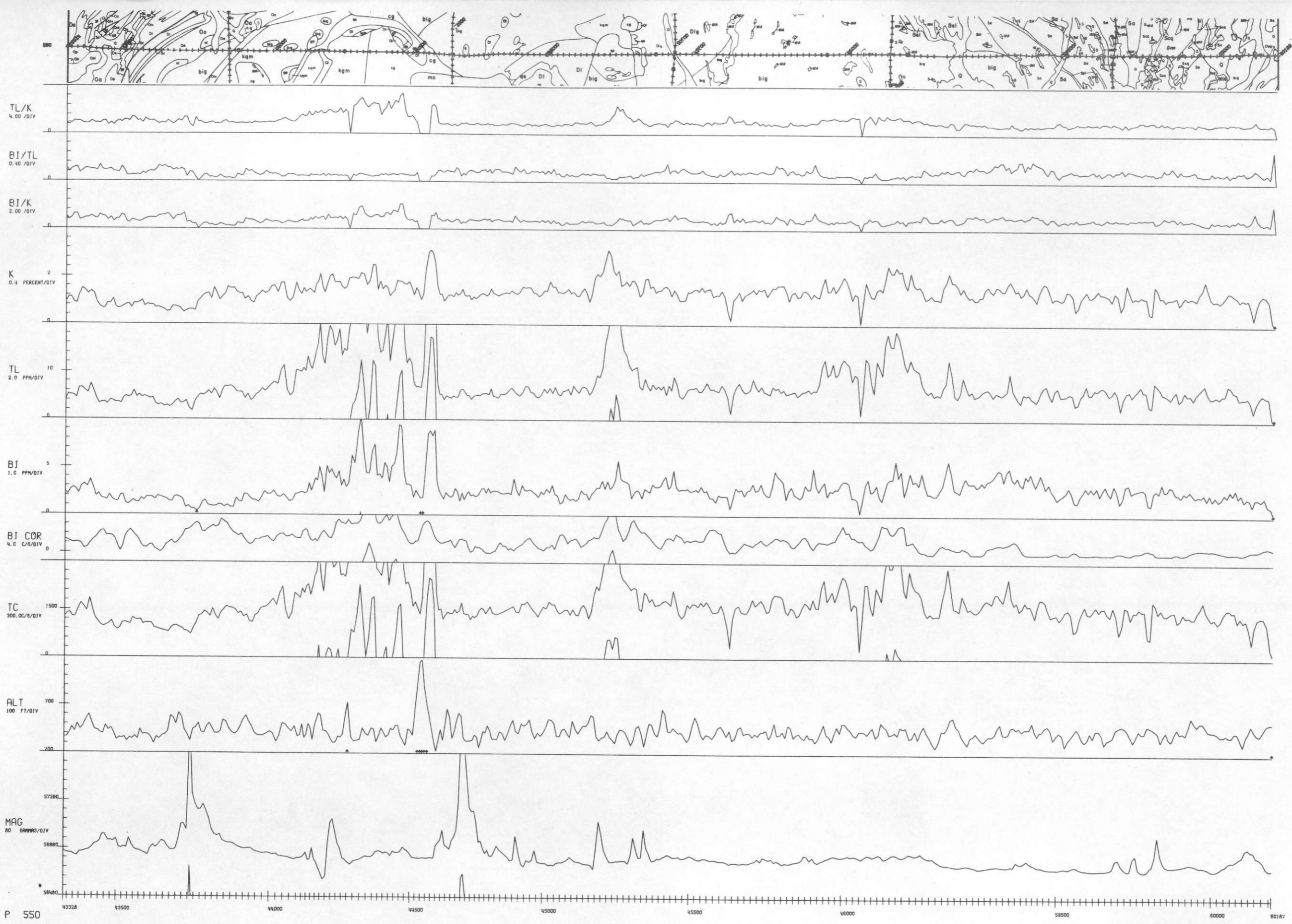
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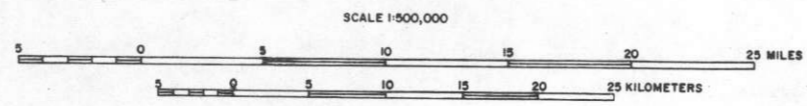
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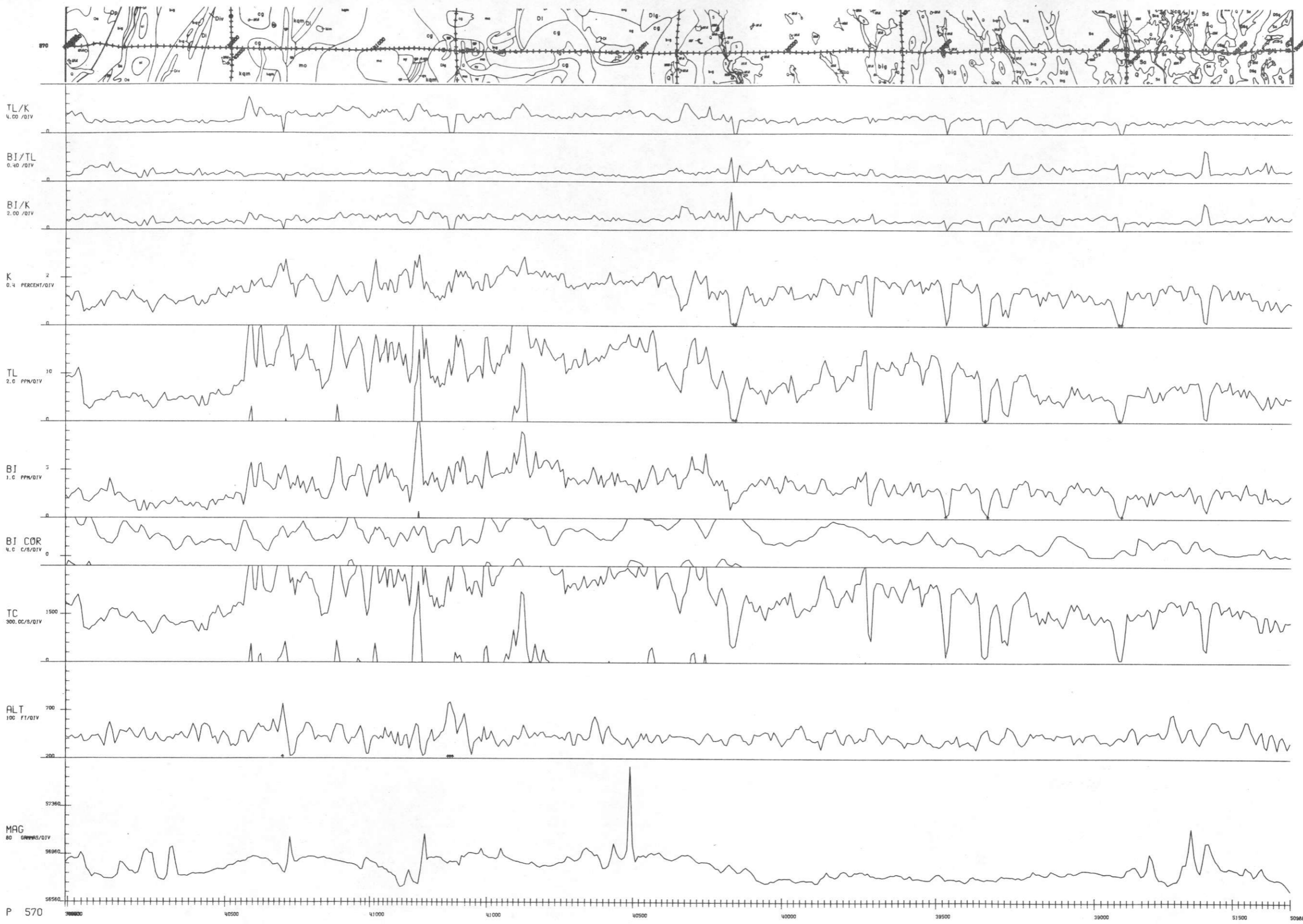


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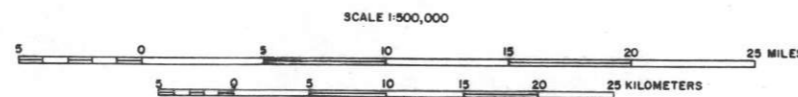
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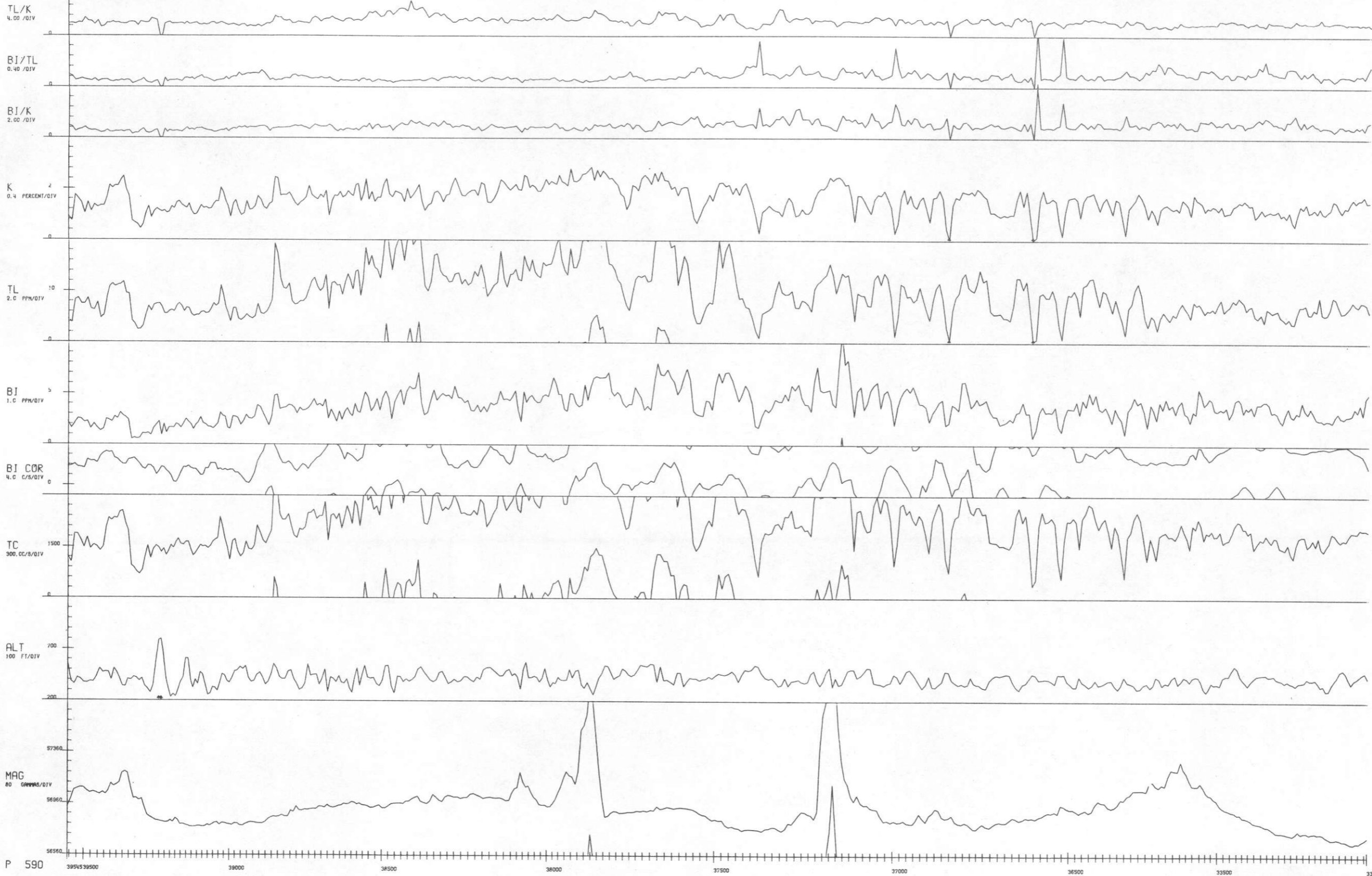
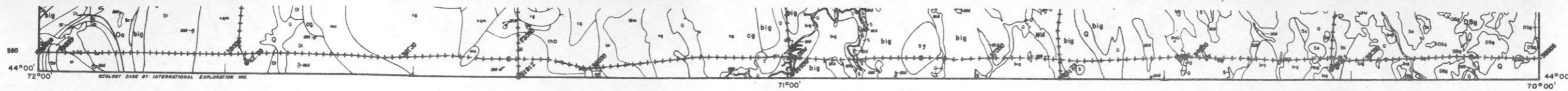
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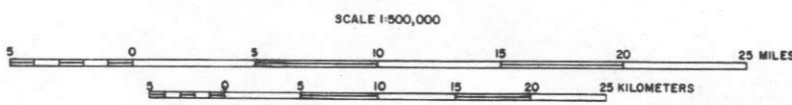
1980-1981

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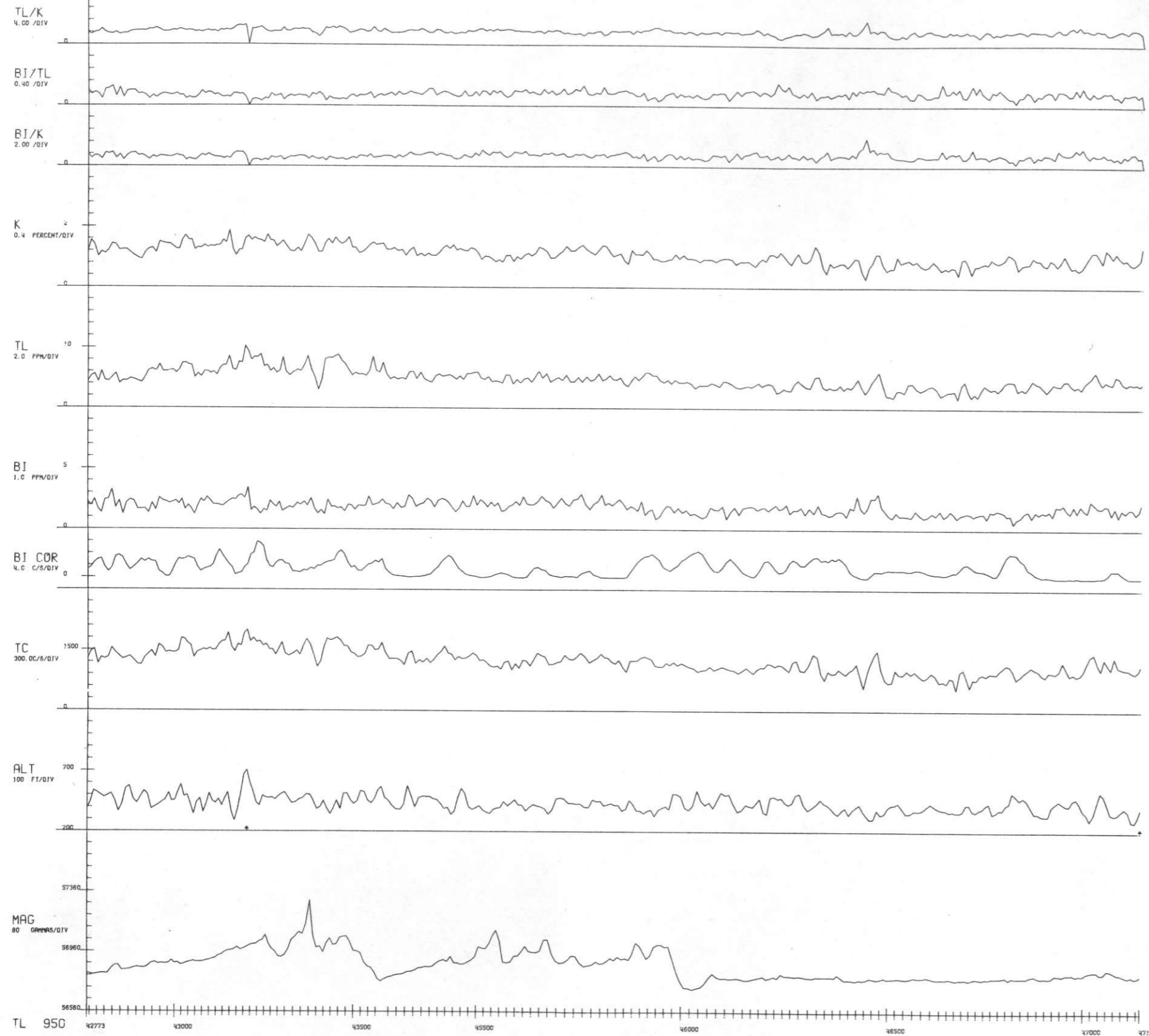
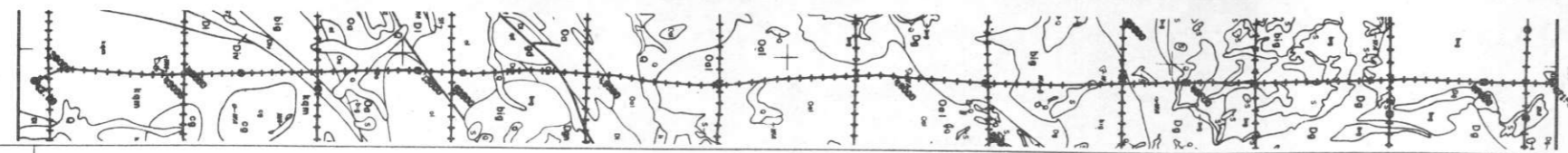
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RECONNAISSANCE SURVEY

MAINE-LEWISTON NL 19-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

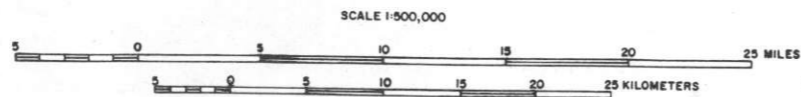
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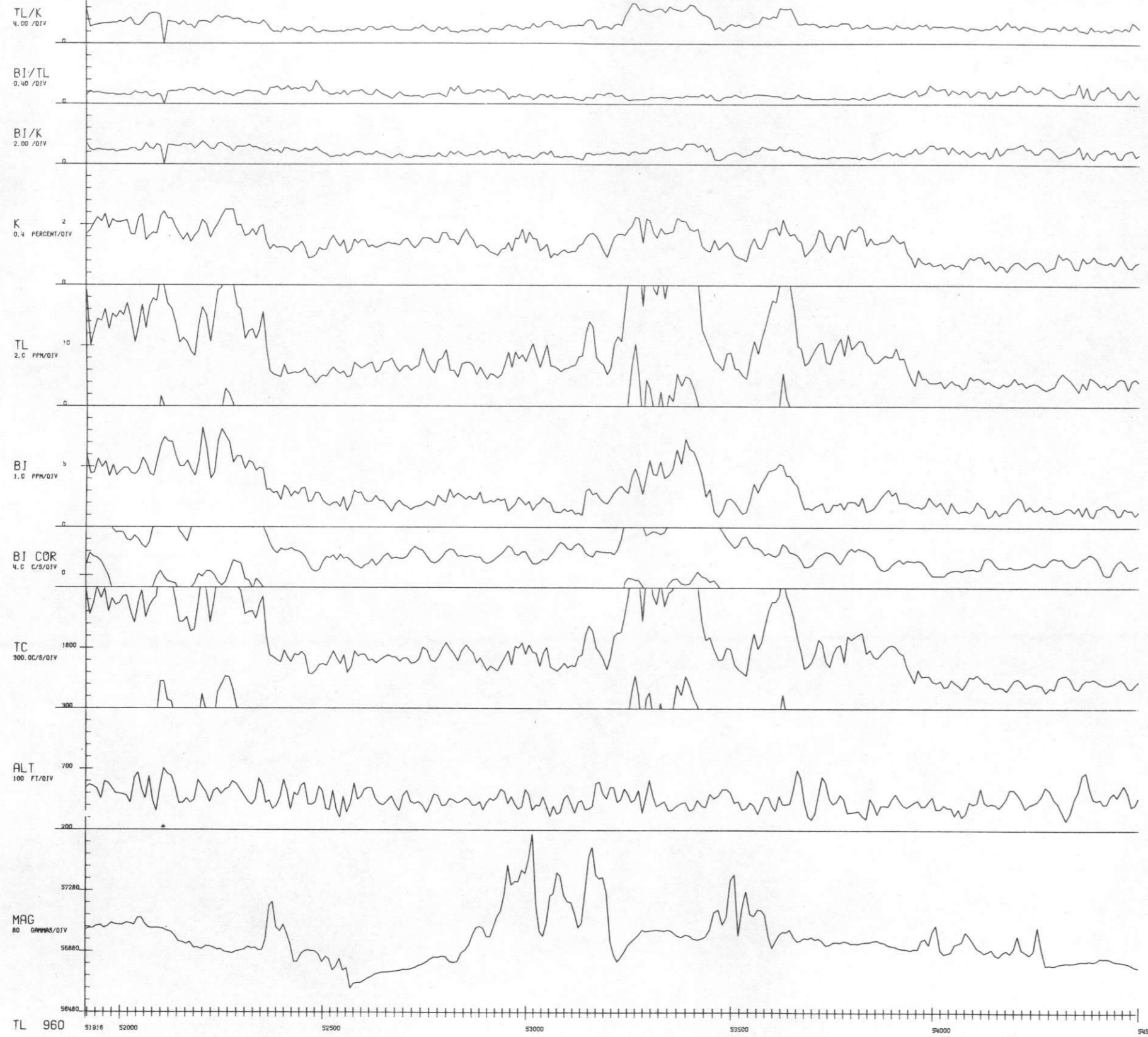
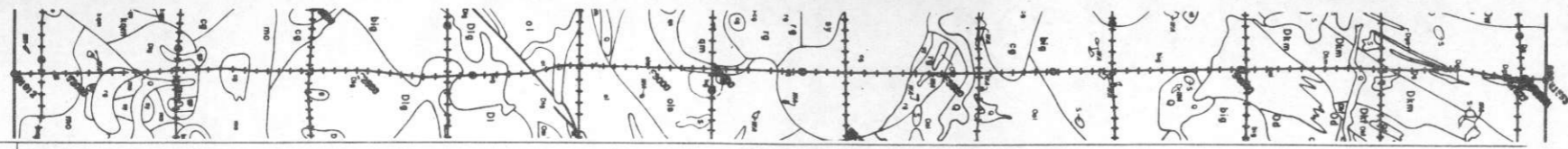
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MAINE-LEWISTON NL 19-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

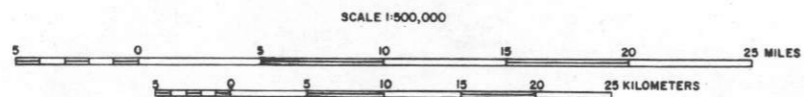
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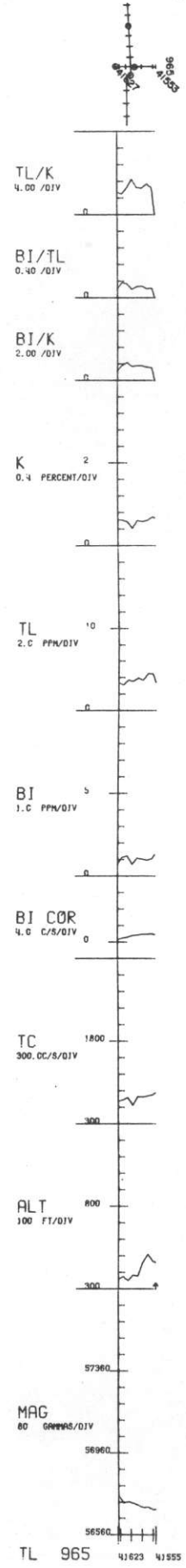
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MAINE-LEWISTON NL 19-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

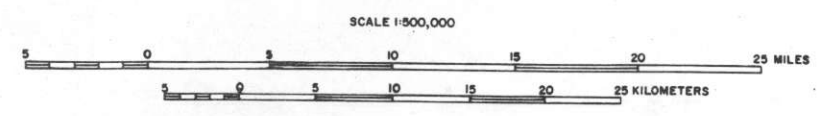
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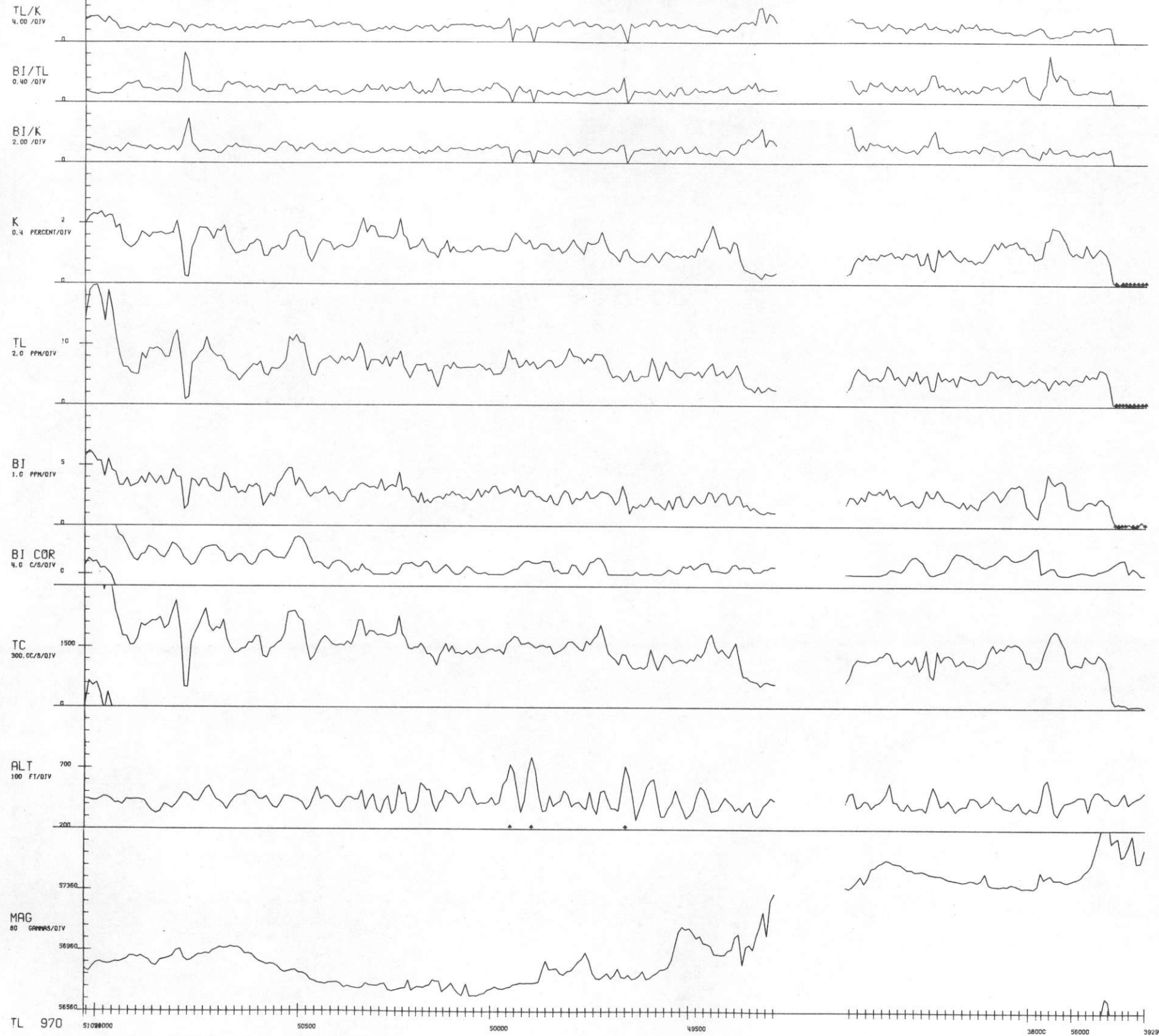
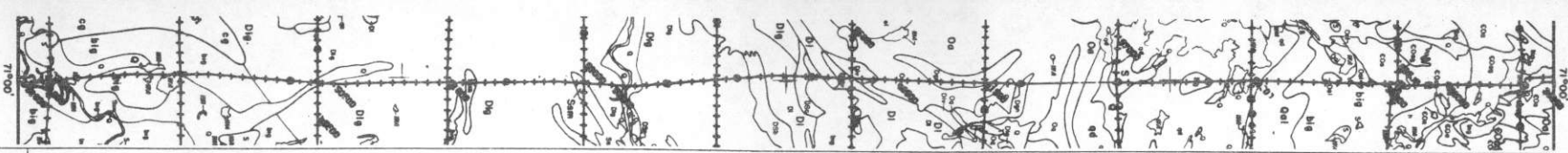


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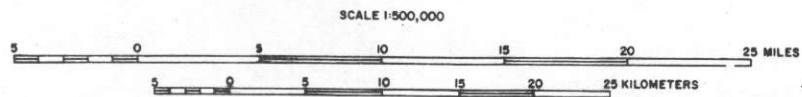
MAINE-LEWISTON NL 19-10 QUADRANGLE
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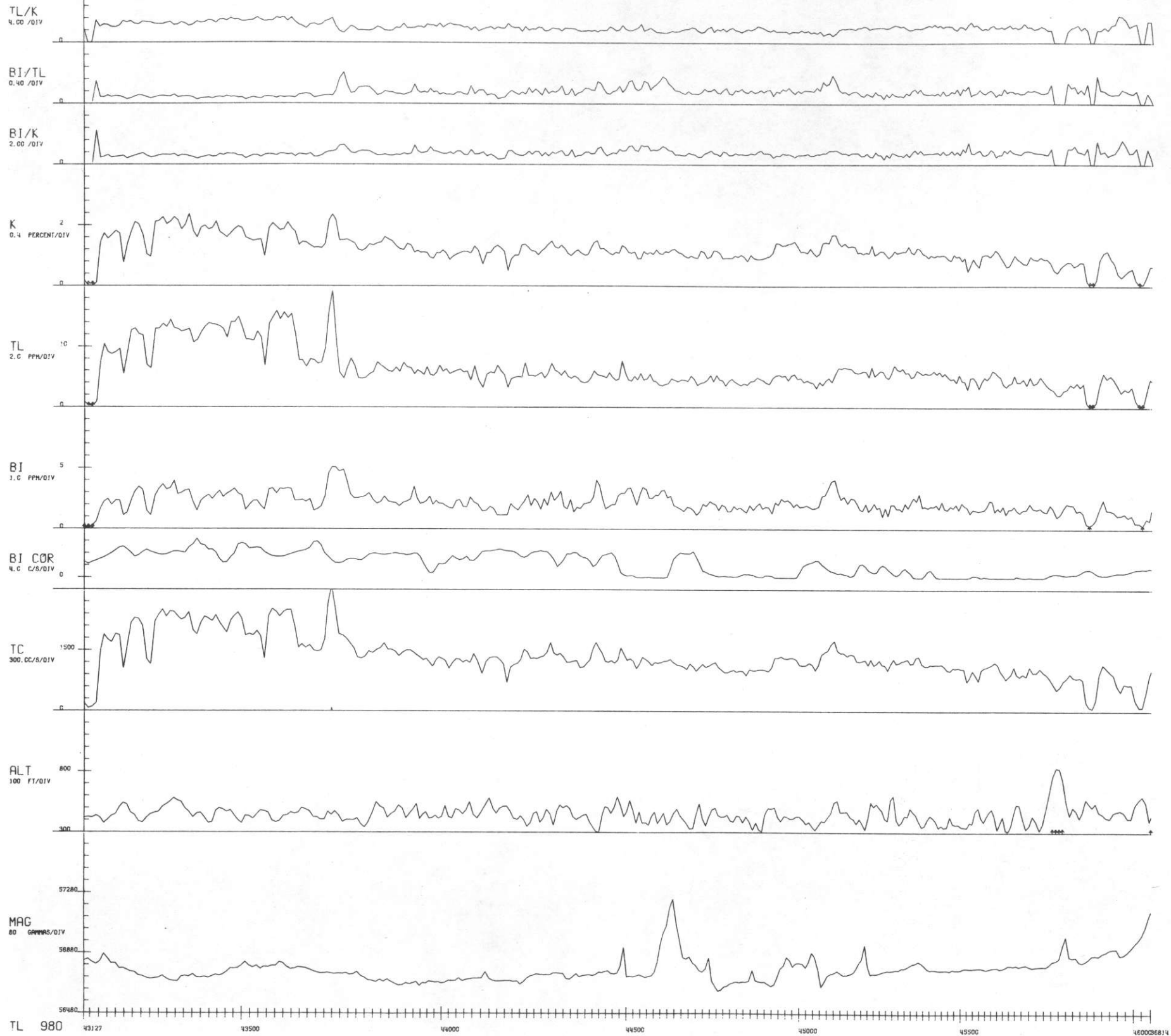
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RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

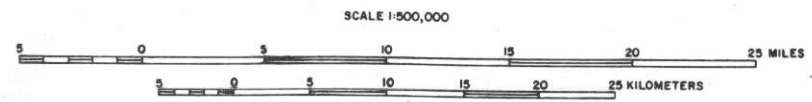
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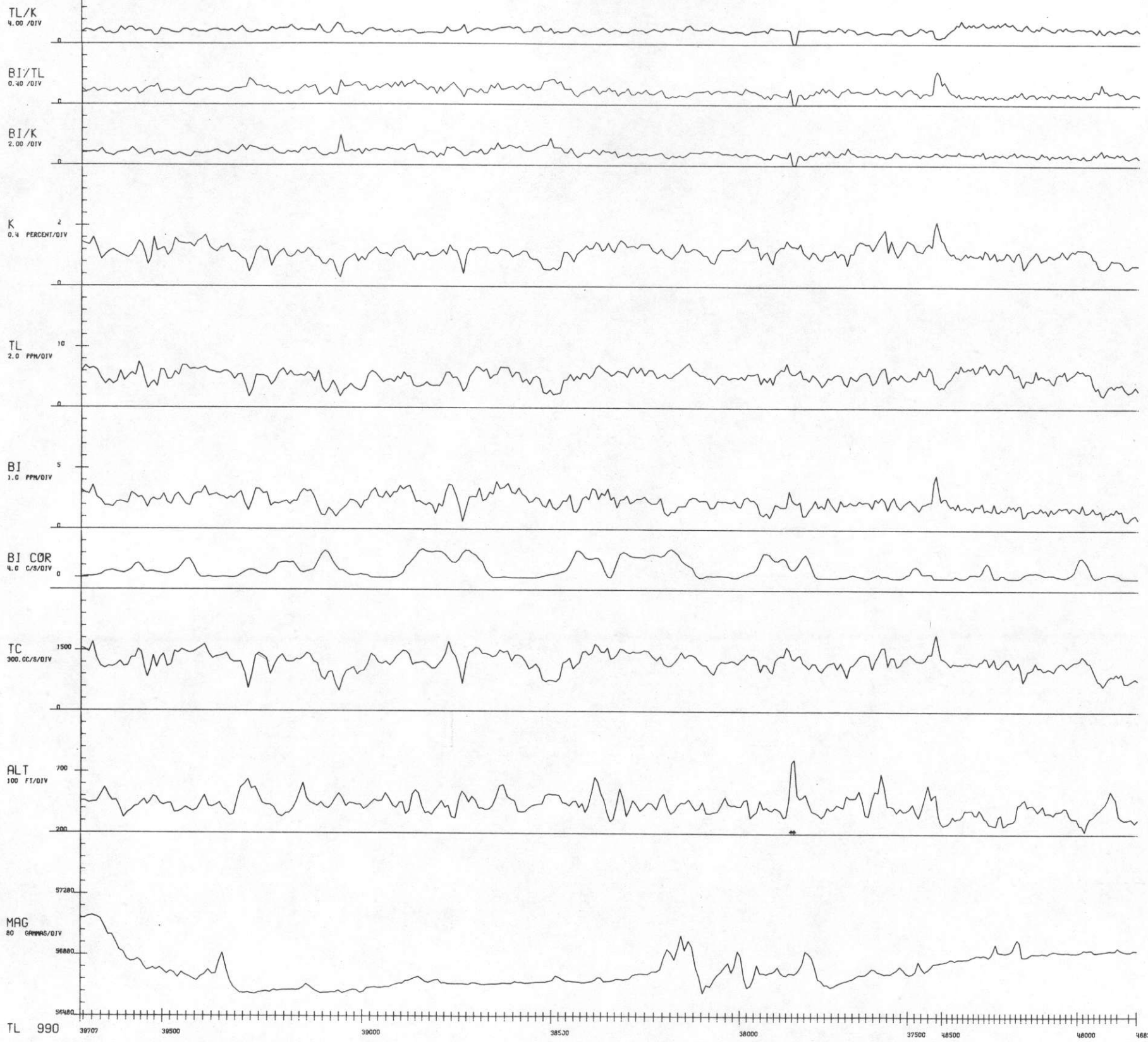
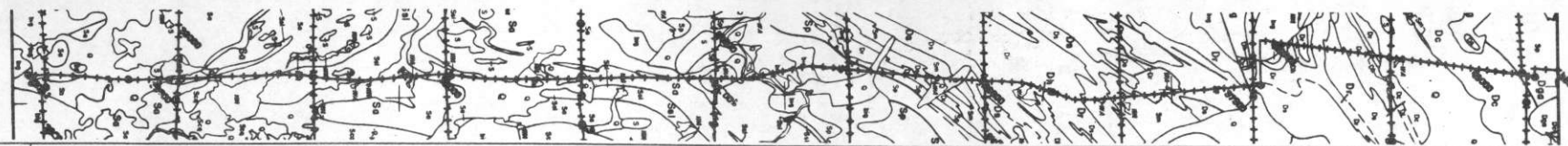
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MAINE-LEWISTON NL 19-10 QUADRANGLE
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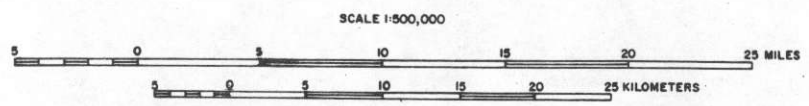
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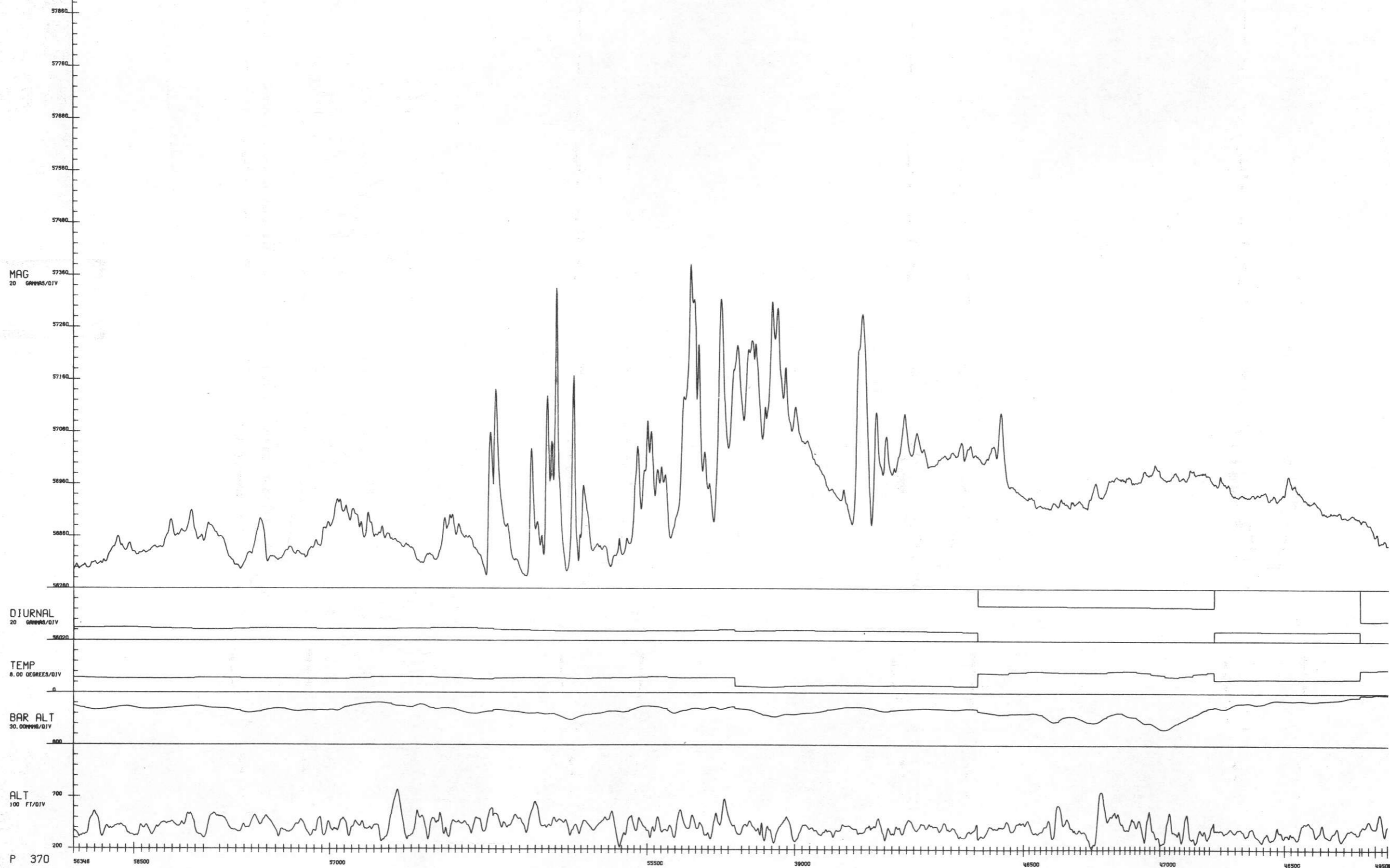
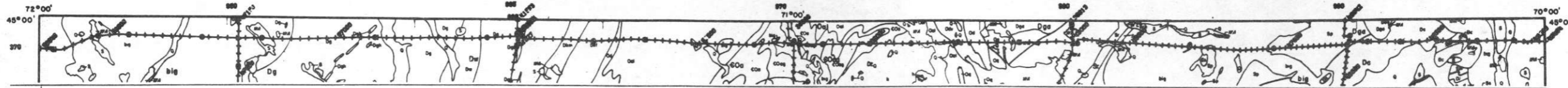
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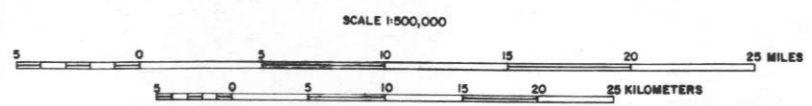
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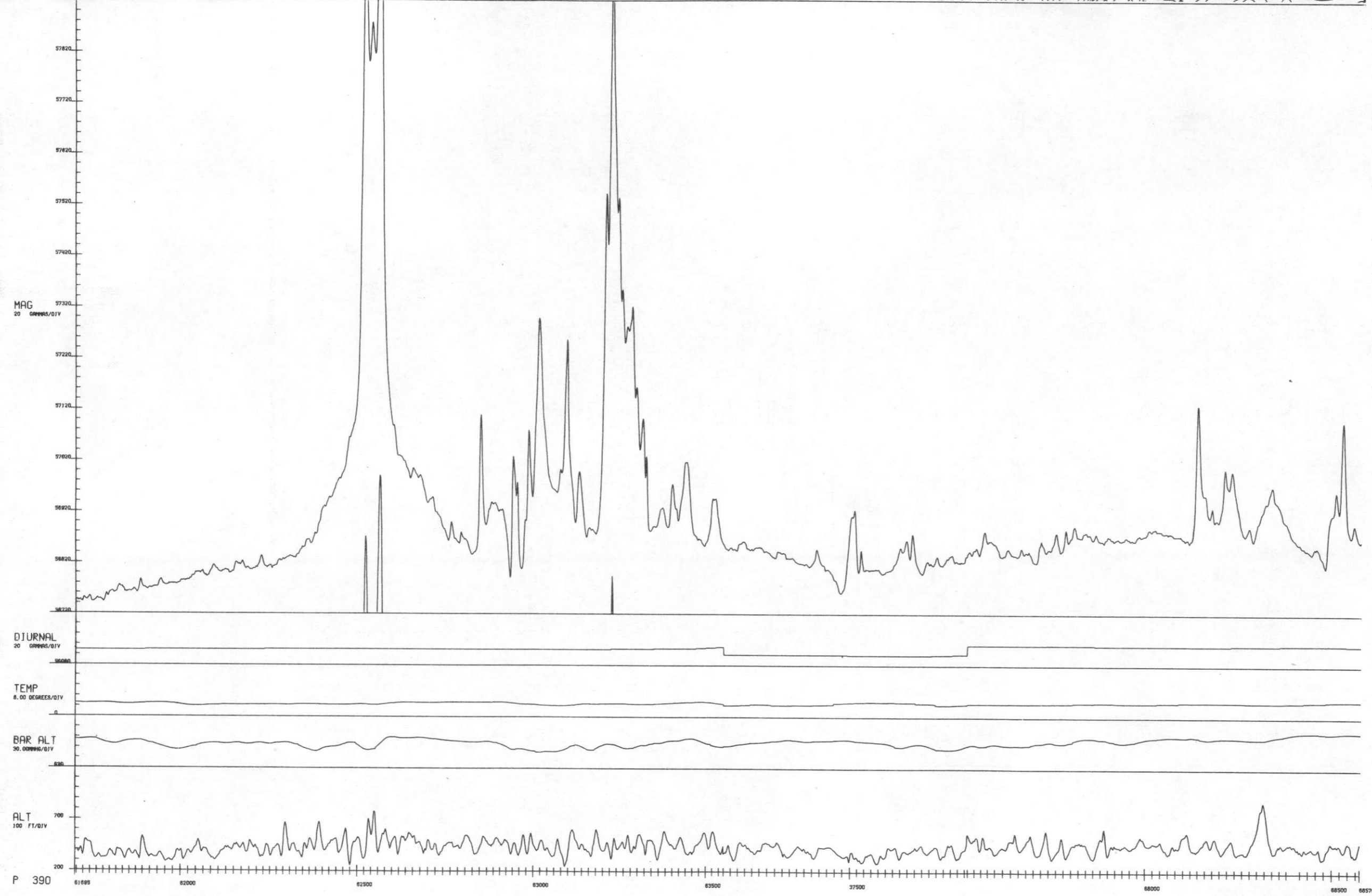
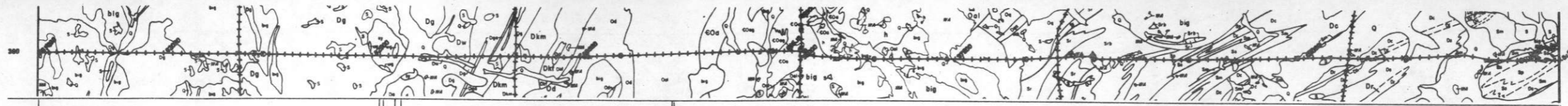
NURE AERIAL GAMMA-RAY AND MAGNETIC
RECONNAISSANCE SURVEY

MAINE-LEWISTON NL 19-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

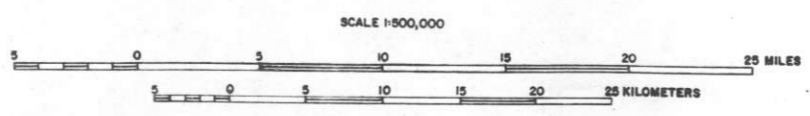
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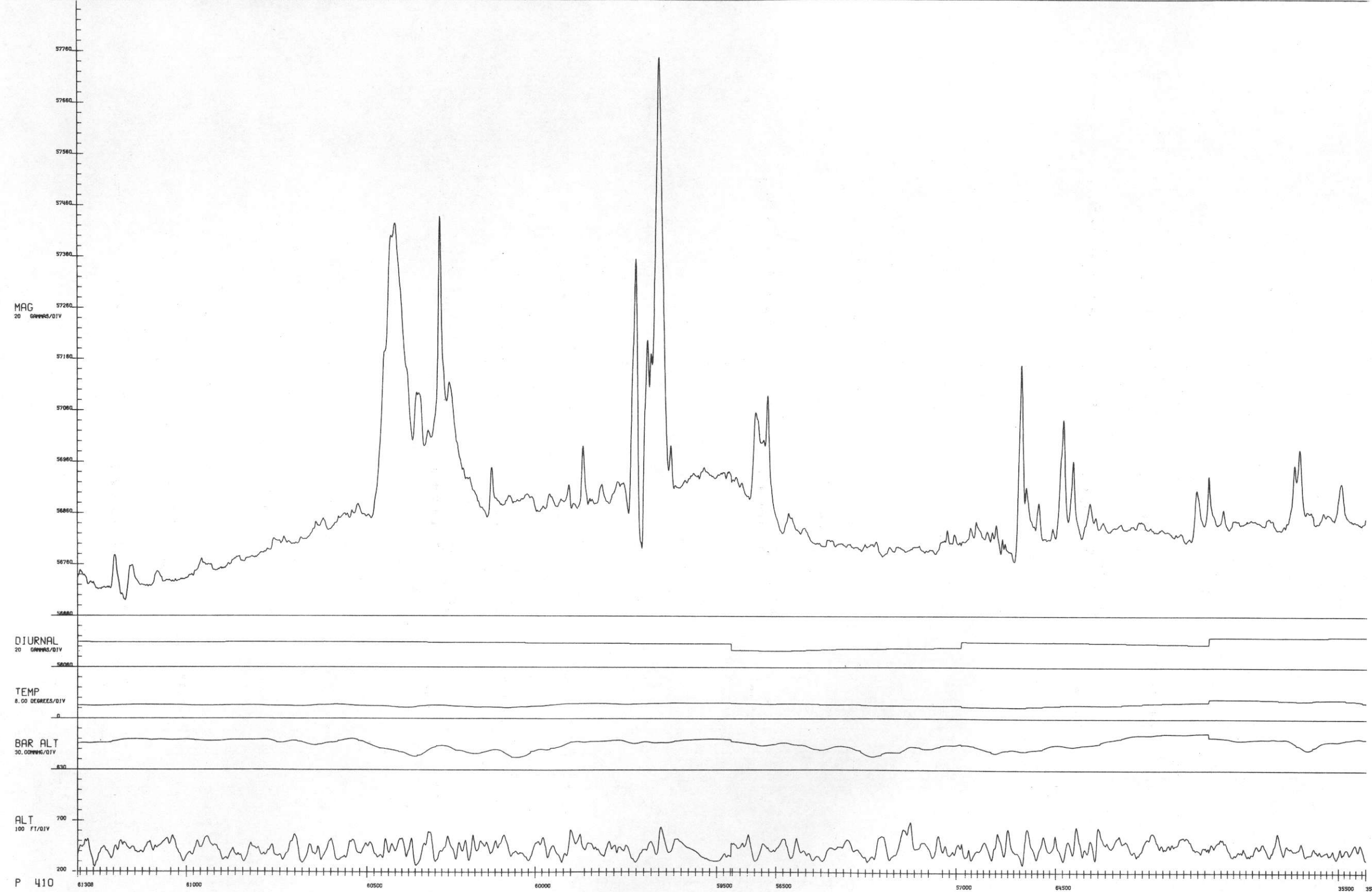
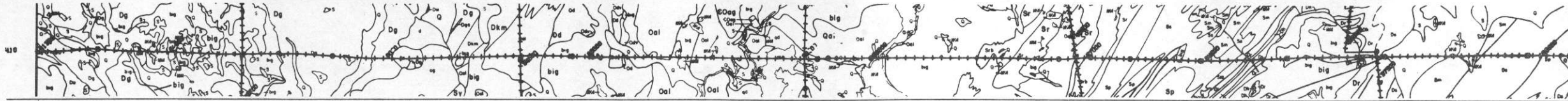
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MAINE-LEWISTON NL 19-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

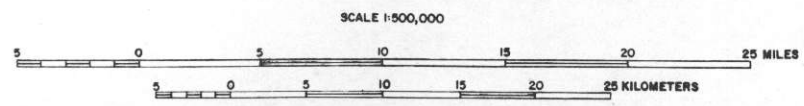
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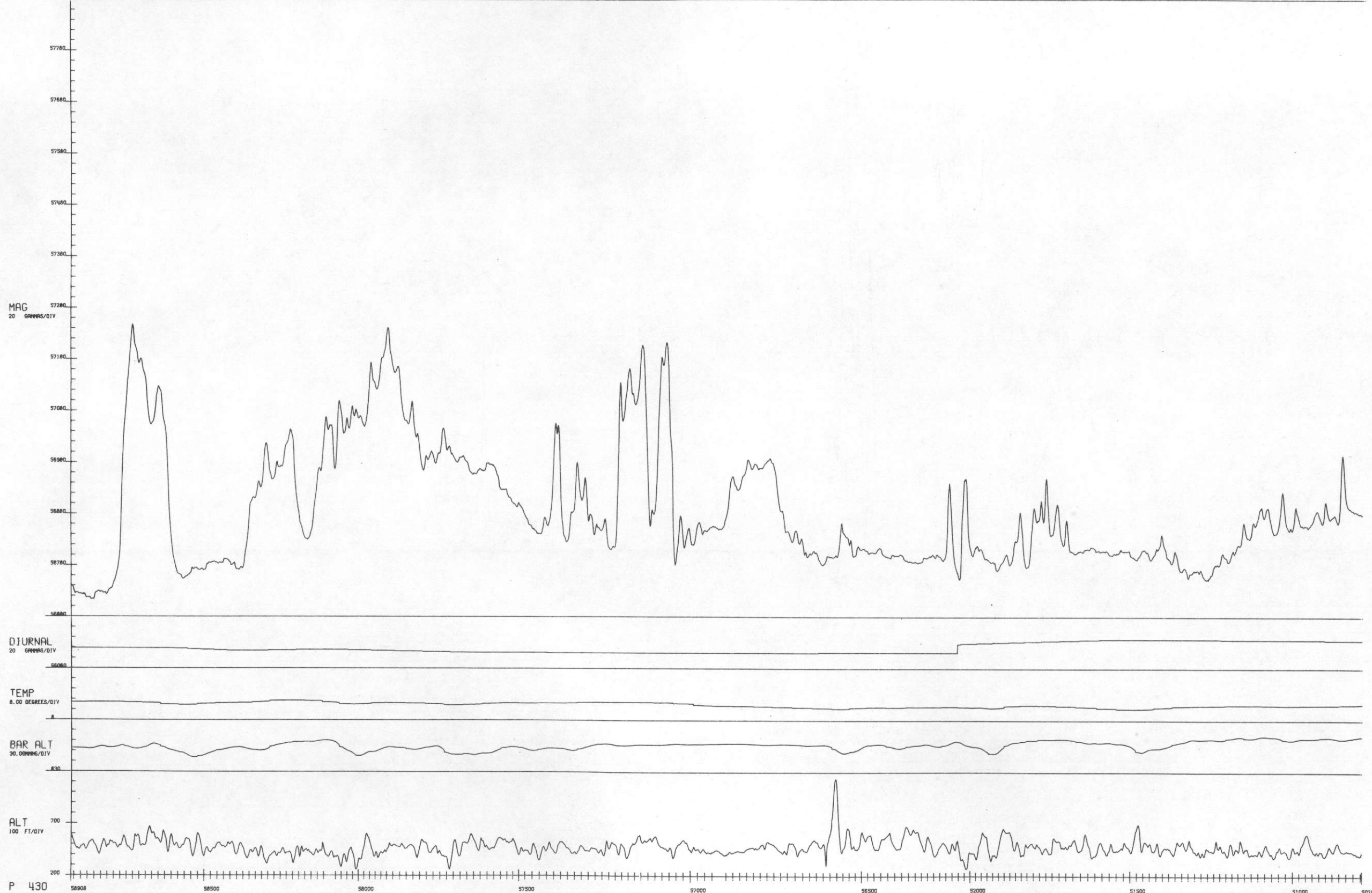
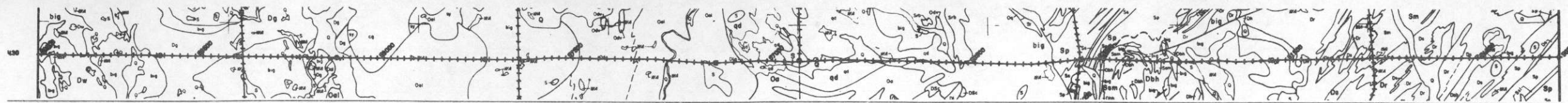
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MAINE-LEWISTON NL 19-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

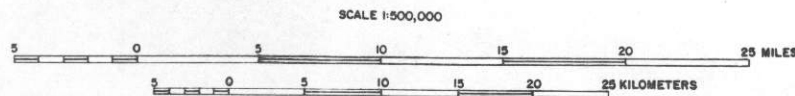
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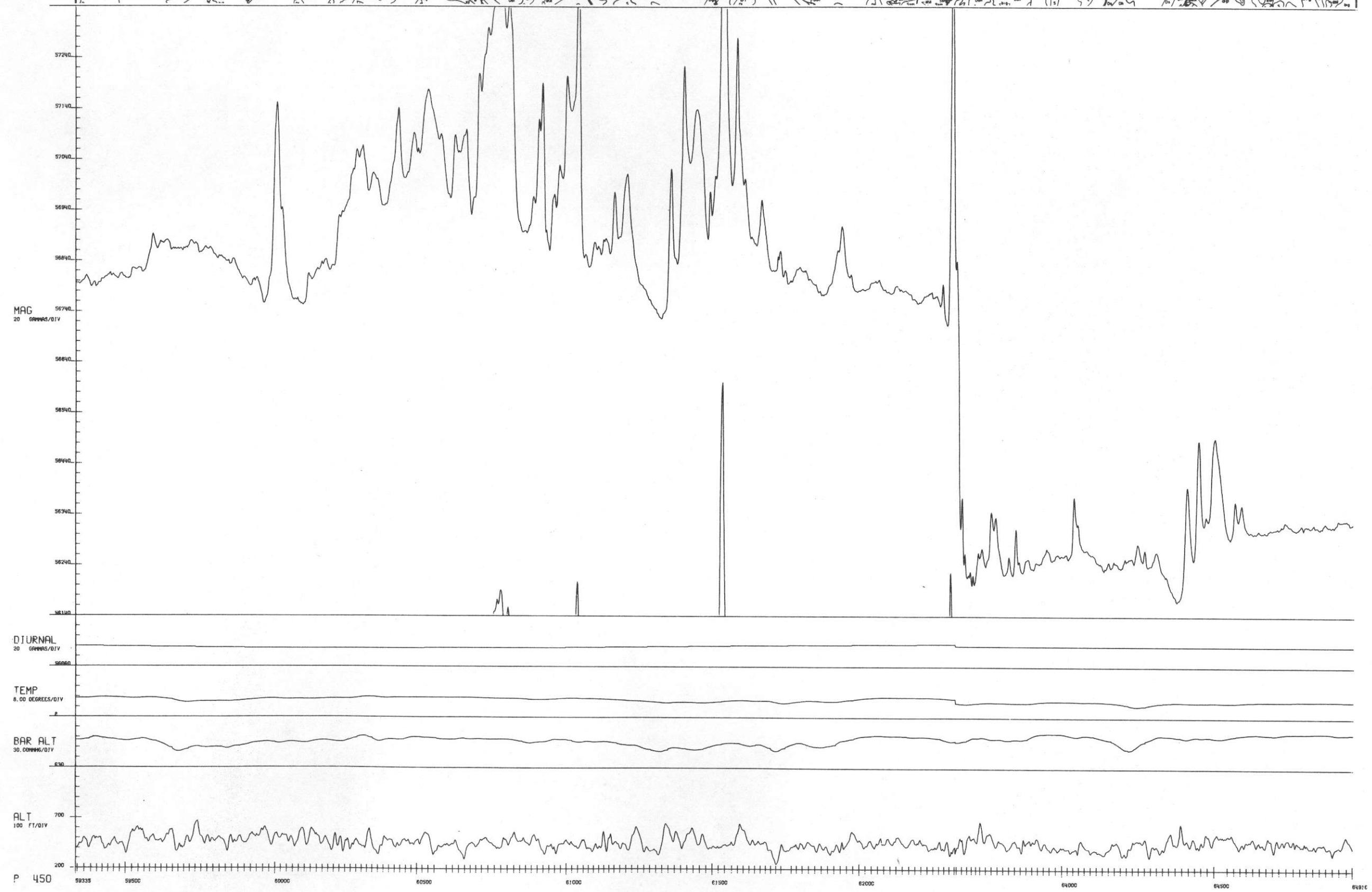
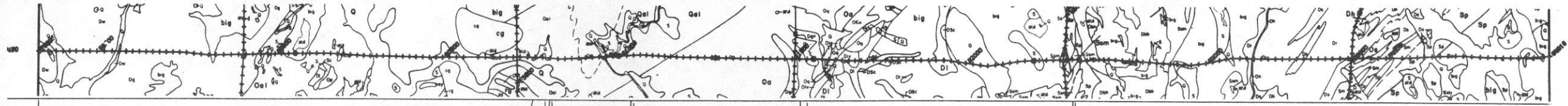
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MAINE-LEWISTON NL 19-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

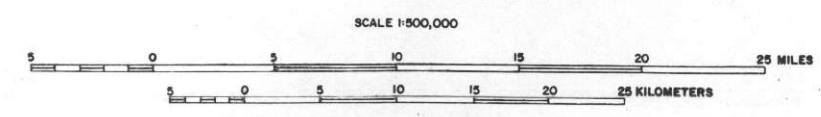
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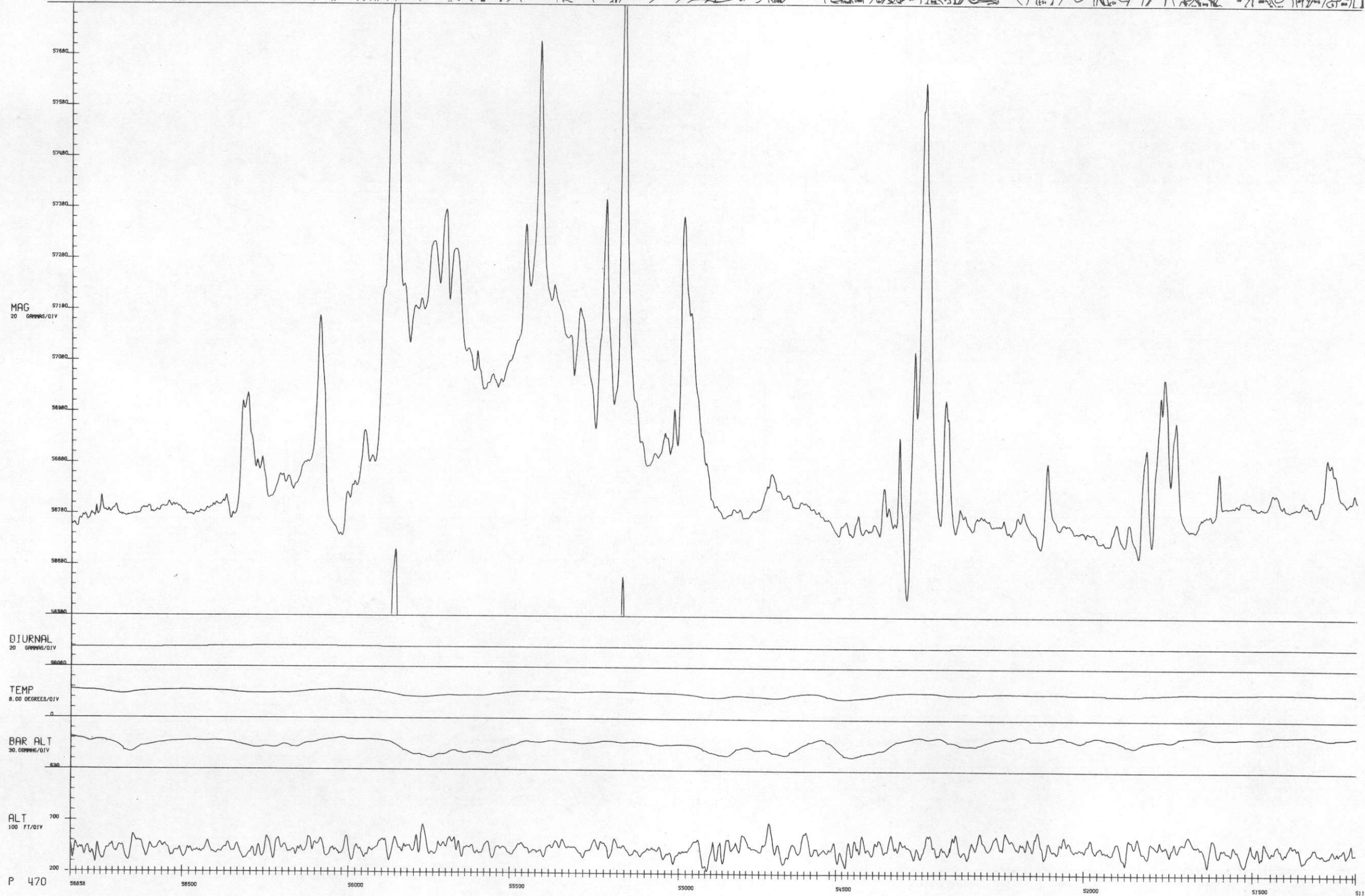
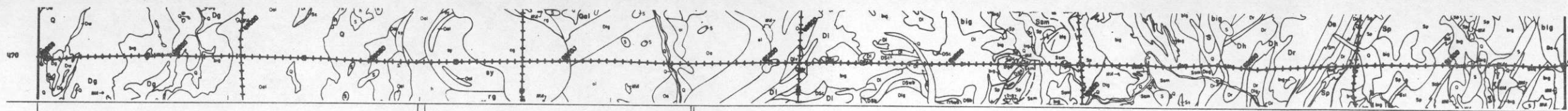
NURE AERIAL GAMMA-RAY AND MAGNETIC
RECONNAISSANCE SURVEY

MAINE-LEWISTON NL 19-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

1980-1981

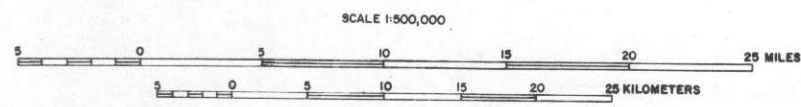
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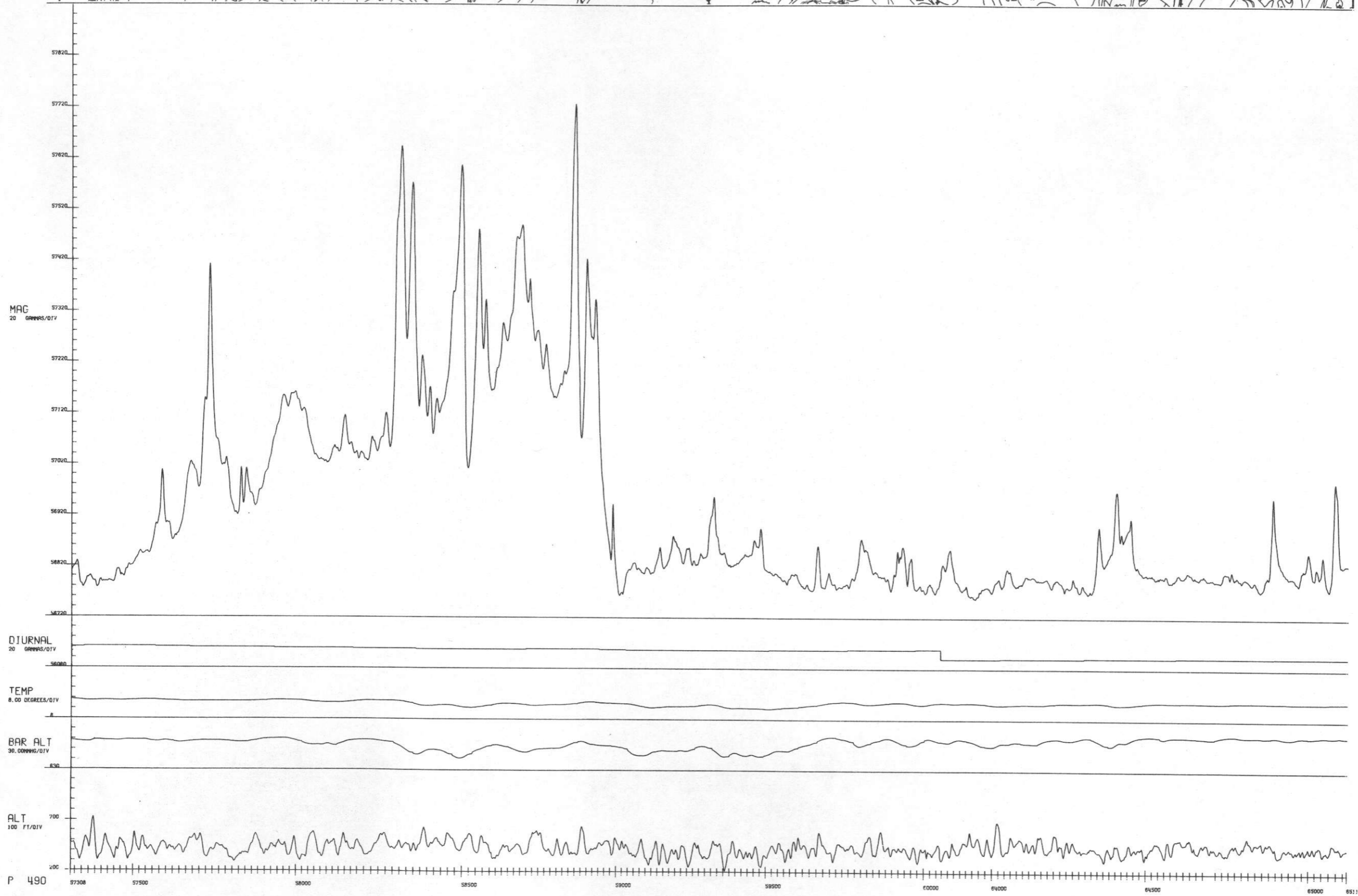
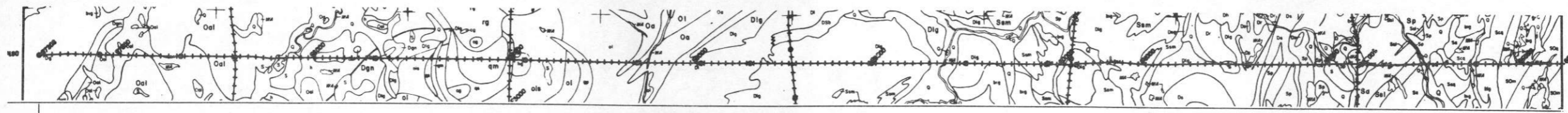


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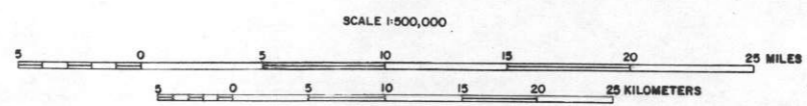
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**NURE AERIAL GAMMA-RAY AND MAGNETIC
 RECONNAISSANCE SURVEY**
MAINE-LEWISTON NL 19-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
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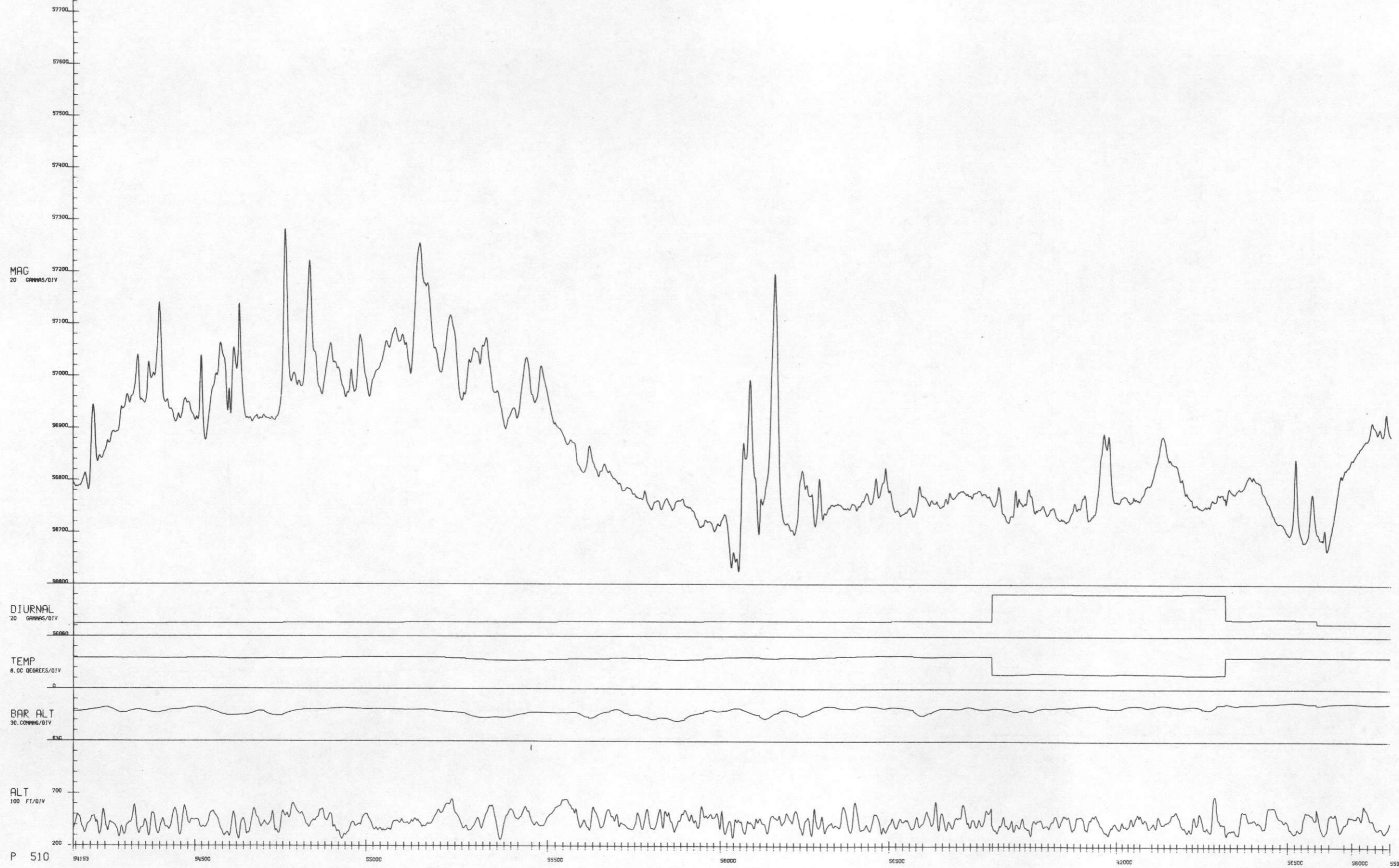
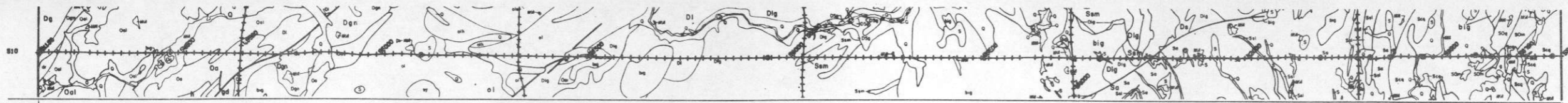
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MAINE-LEWISTON NL 19-10 QUADRANGLE
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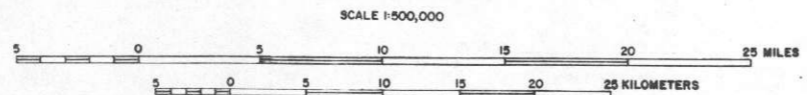
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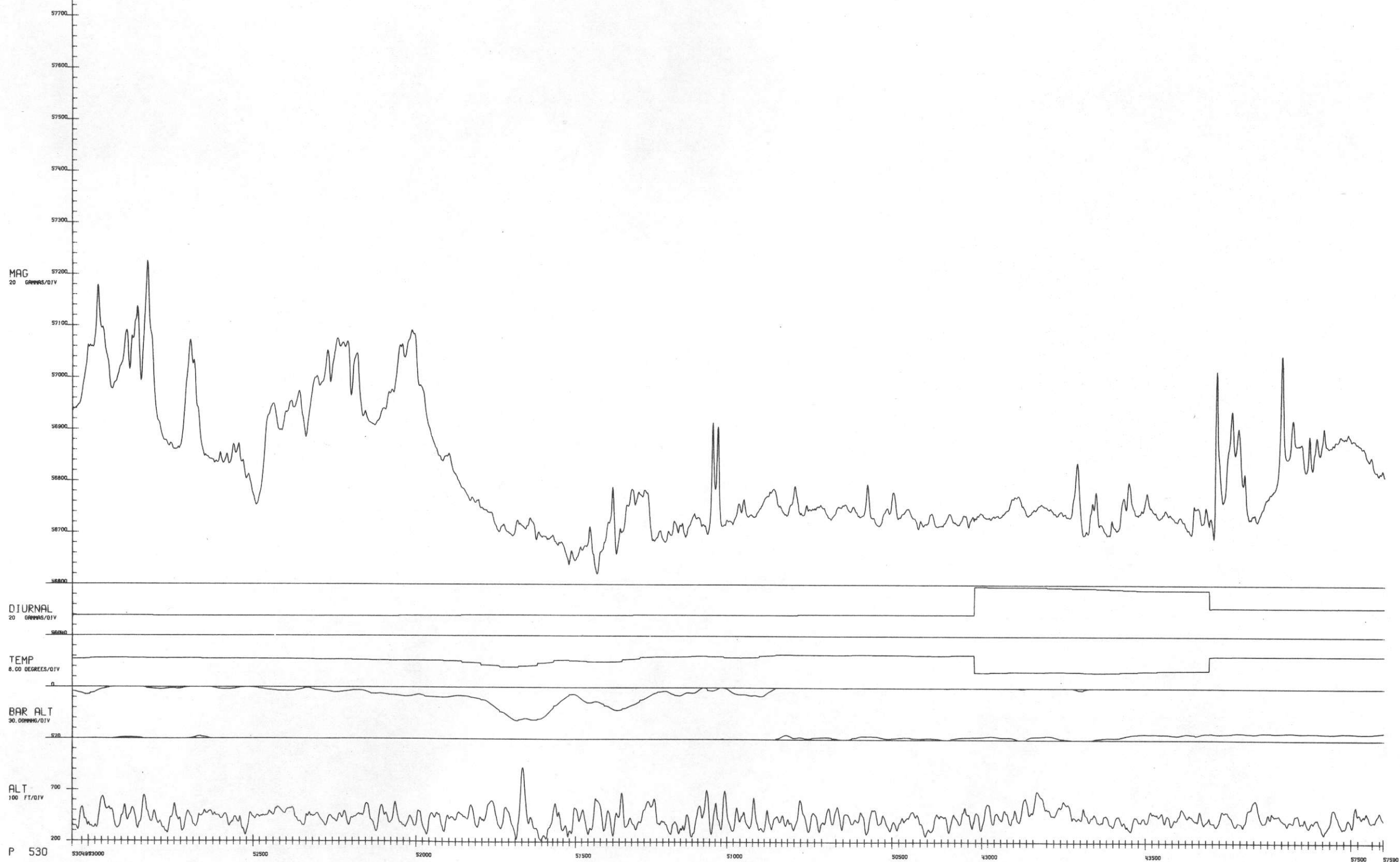
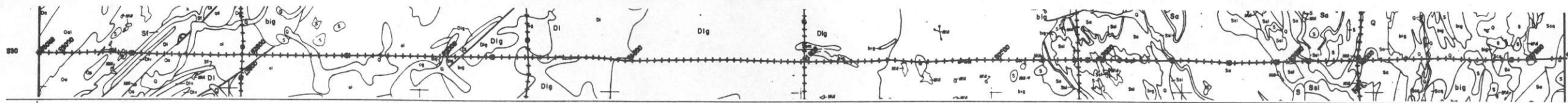
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RECONNAISSANCE SURVEY

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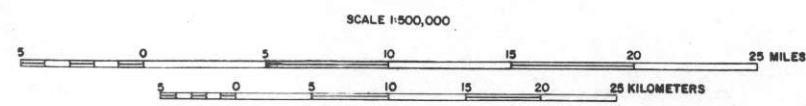
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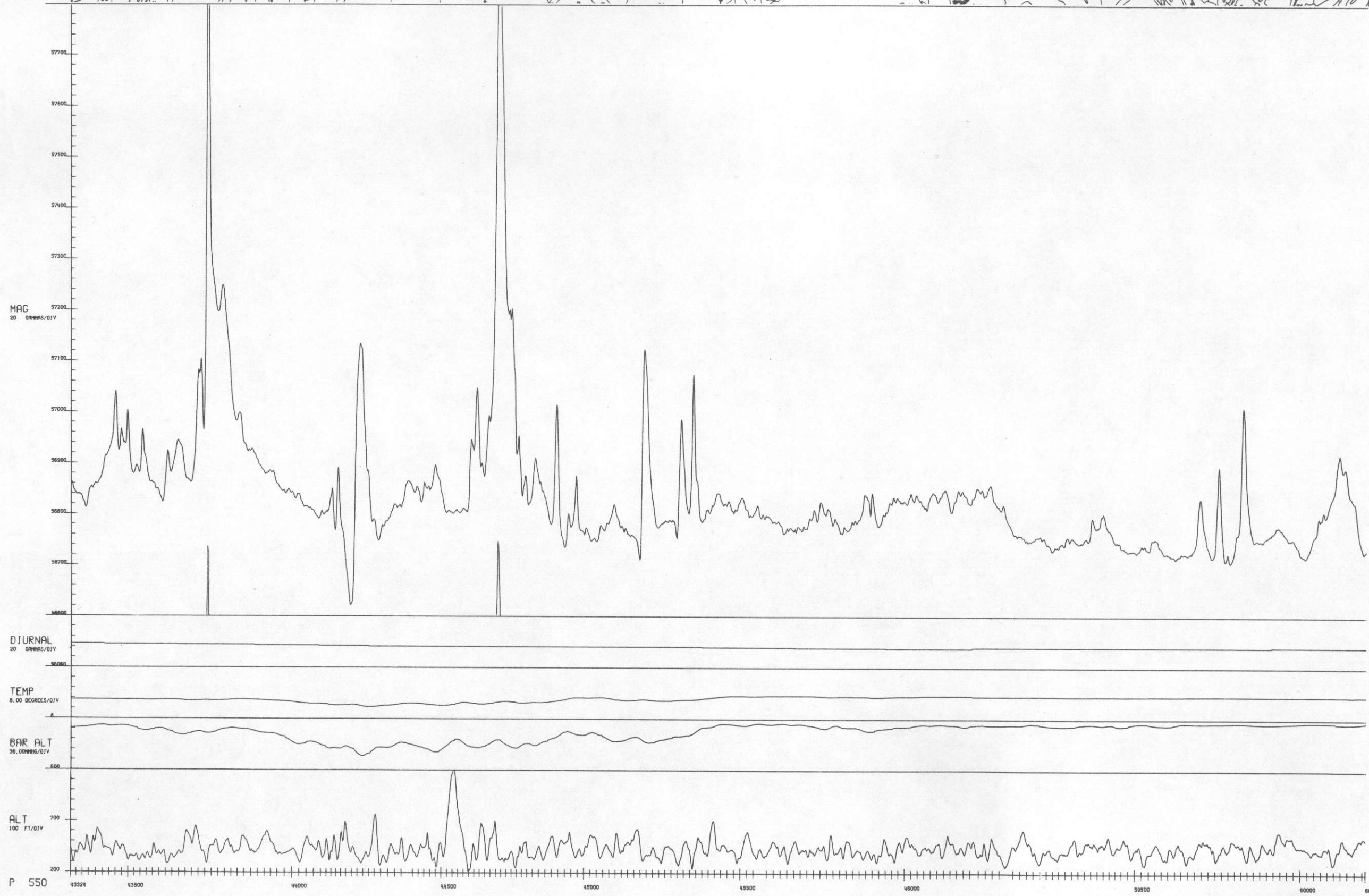
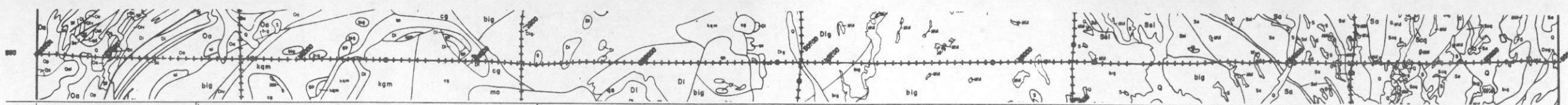
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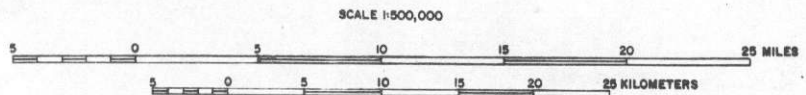
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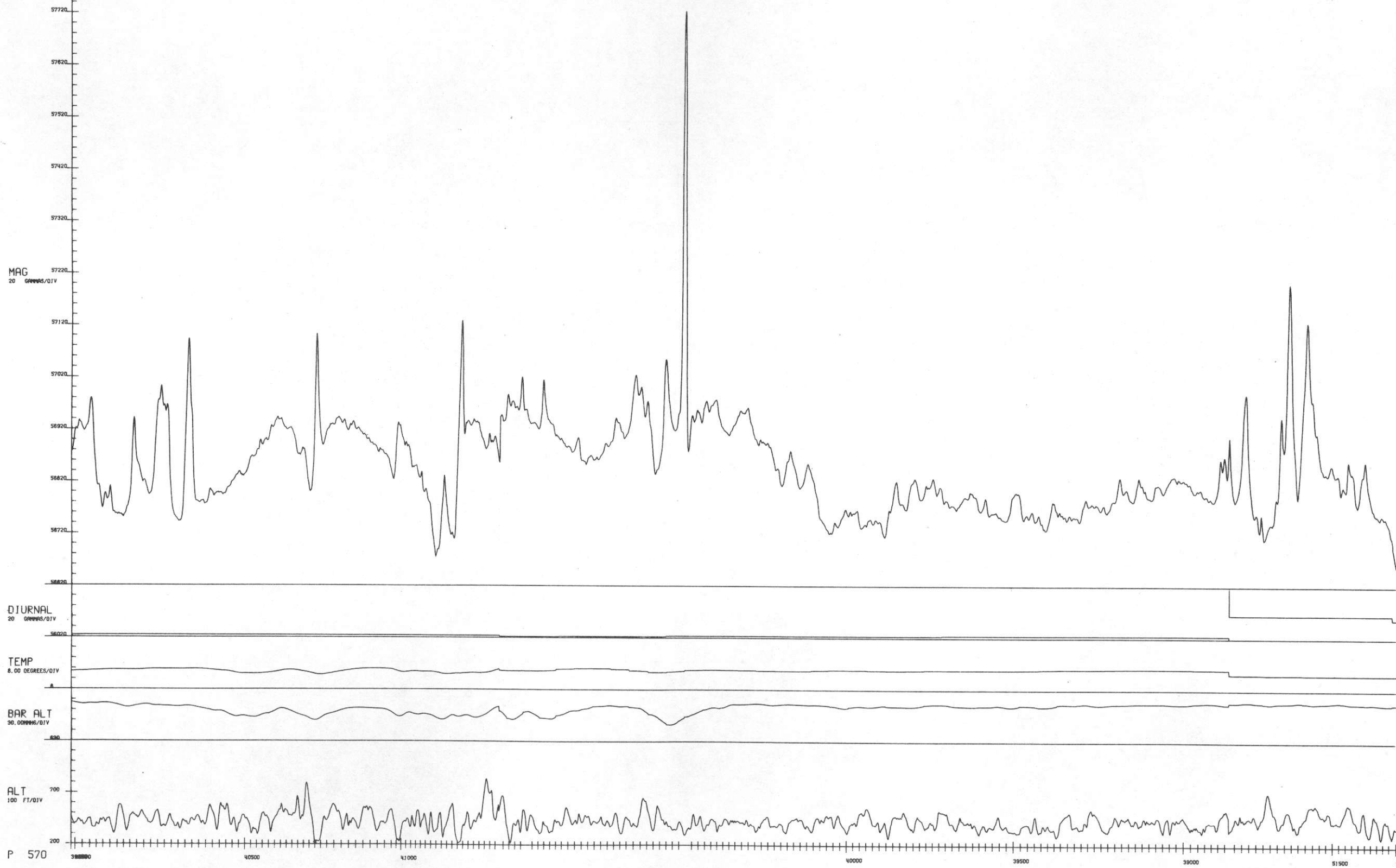
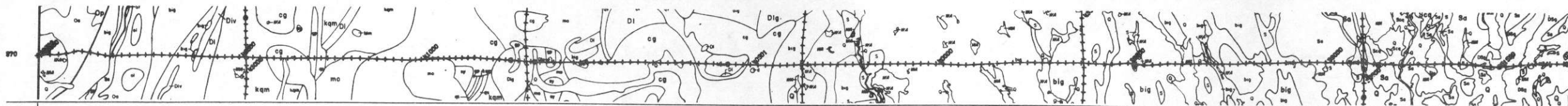
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MAINE-LEWISTON NL 19-10 QUADRANGLE
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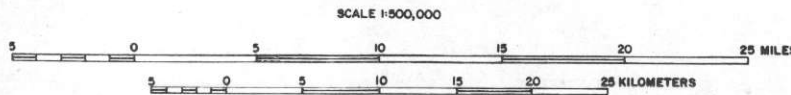
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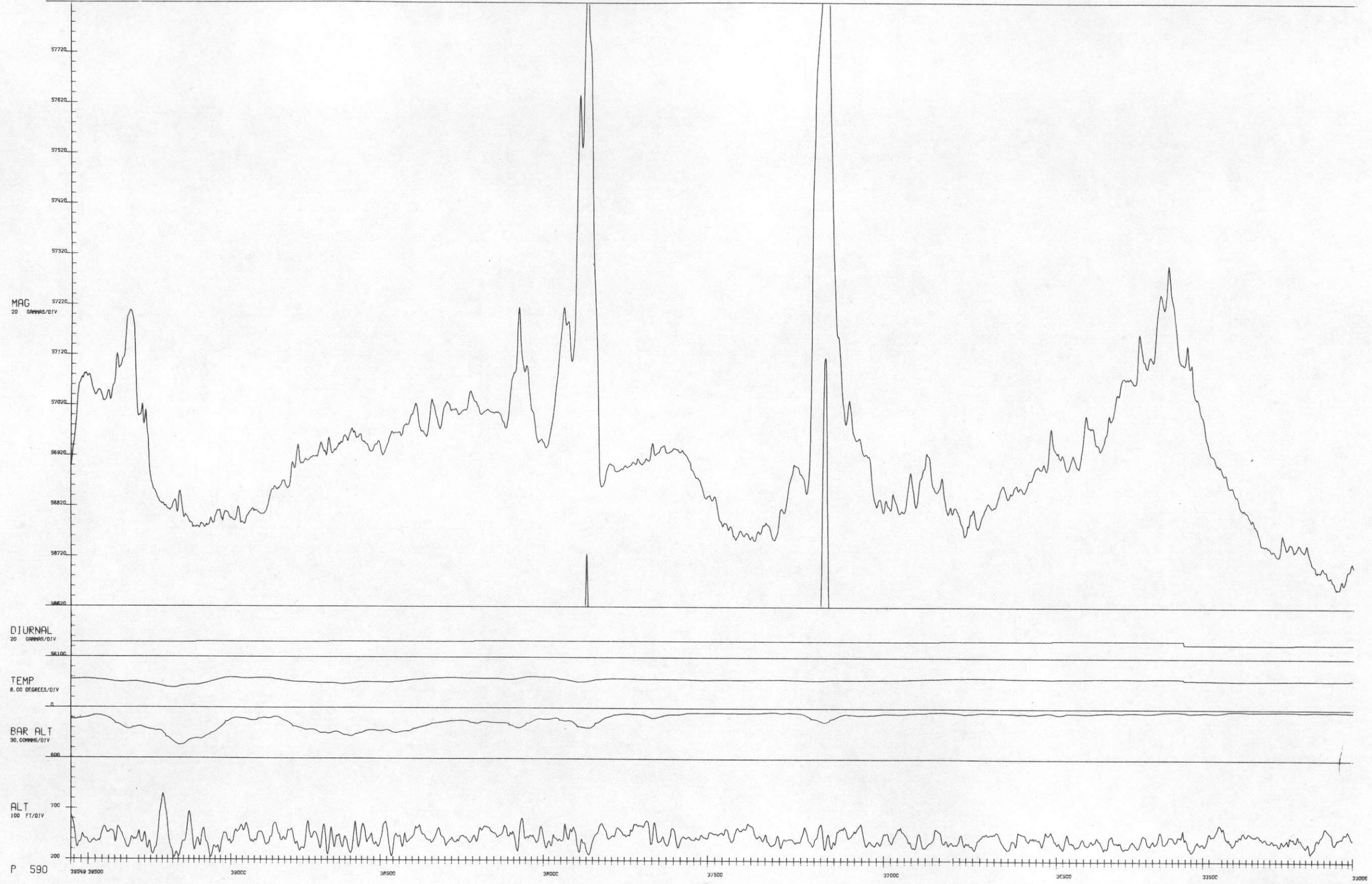
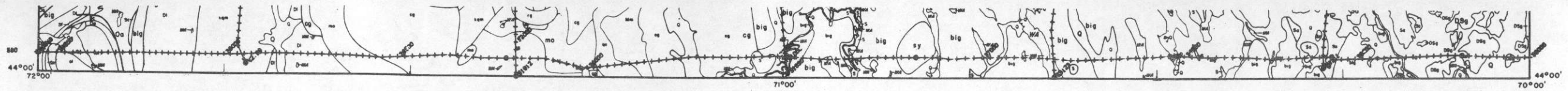
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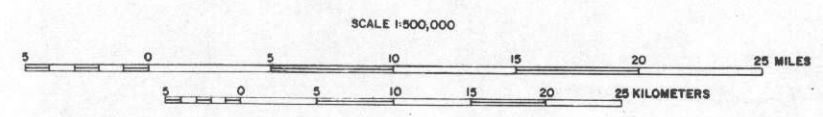
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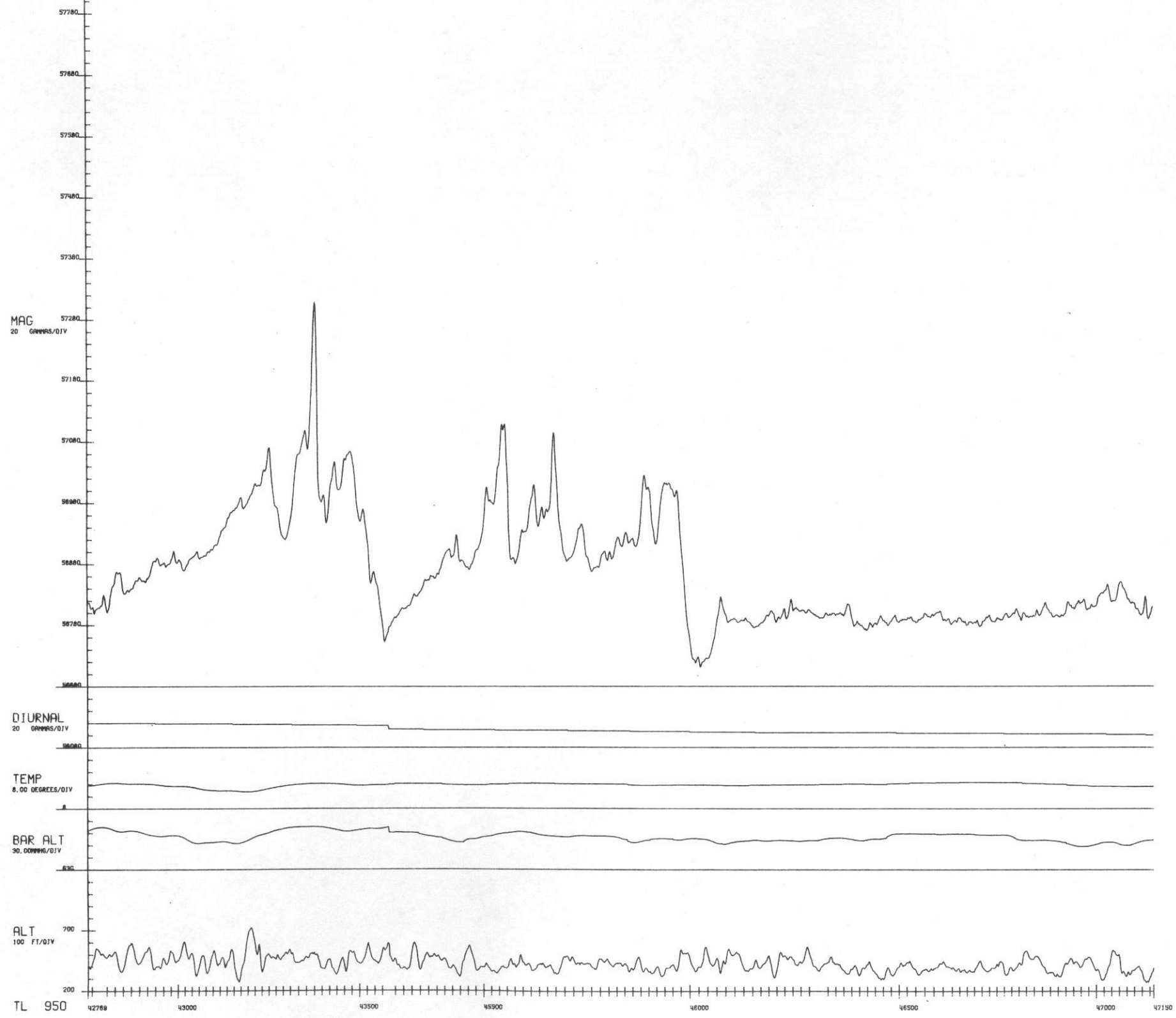
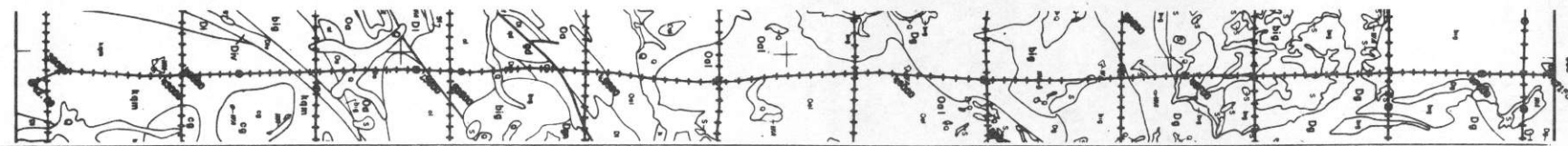
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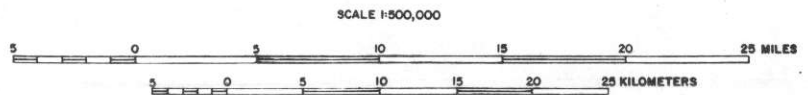
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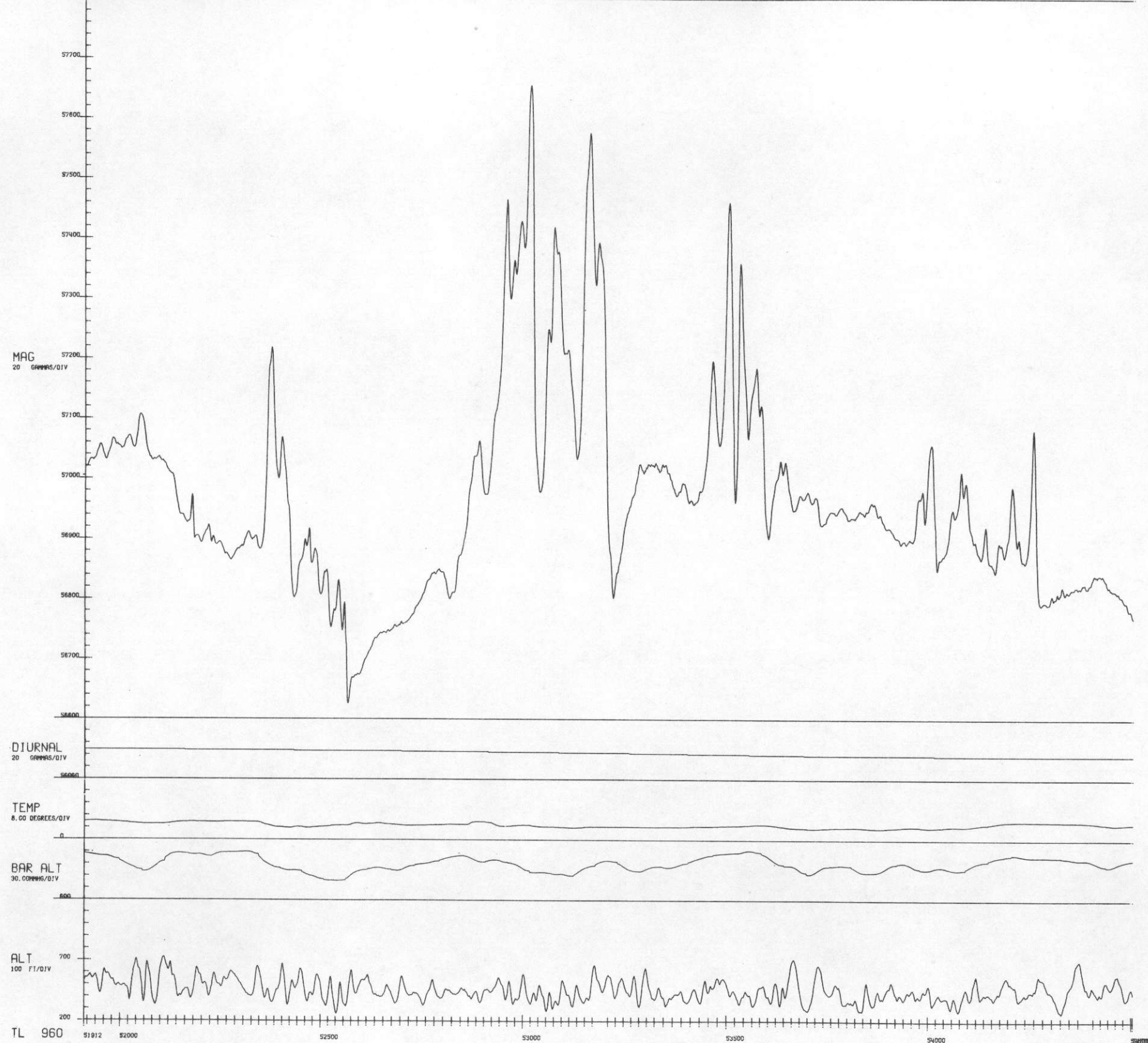
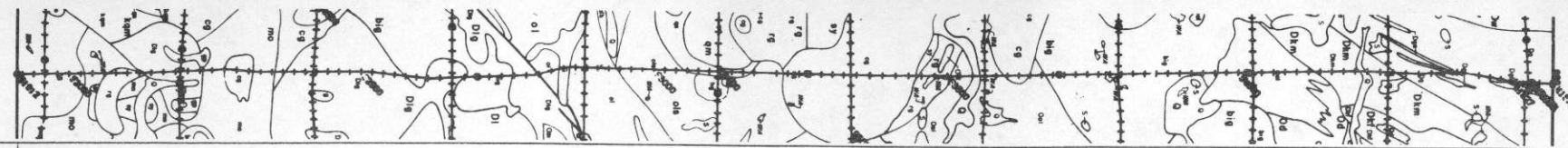


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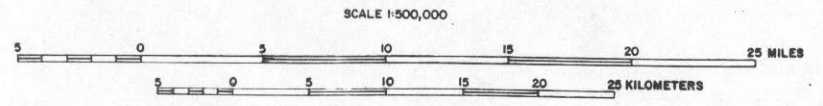
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MAGNETIC AND ANCILLARY STACKED PROFILE DATA

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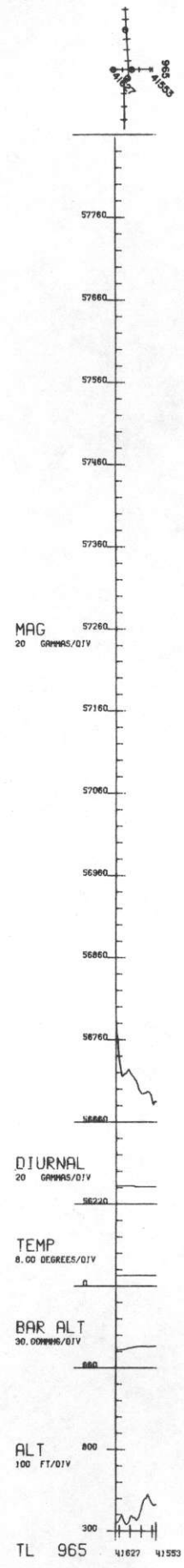
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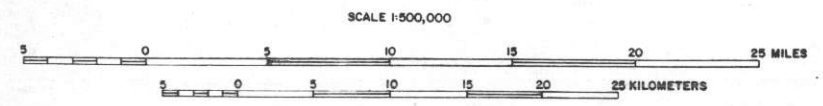
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↑ EXCEEDS ALTITUDE SPECIFICATIONS



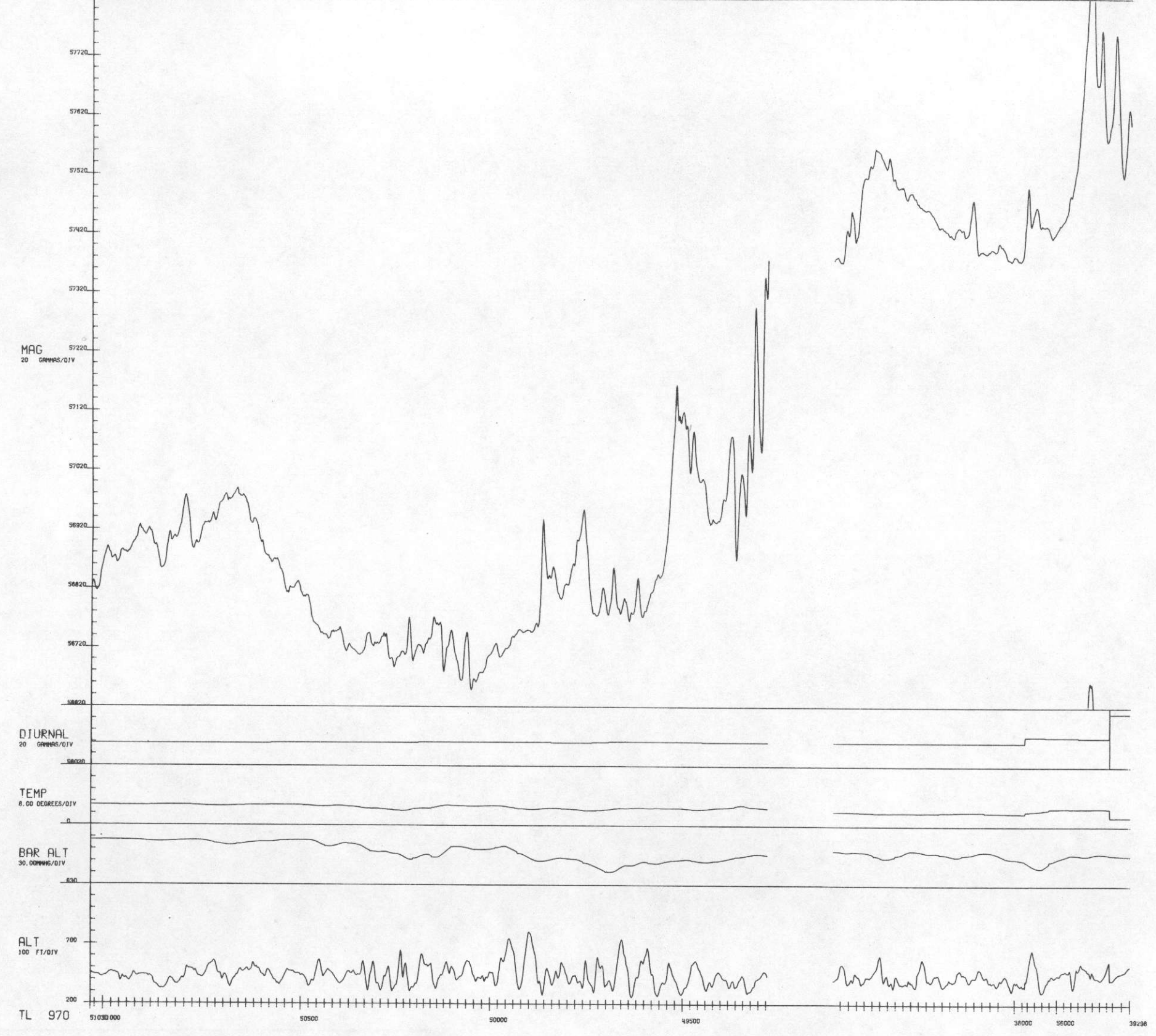
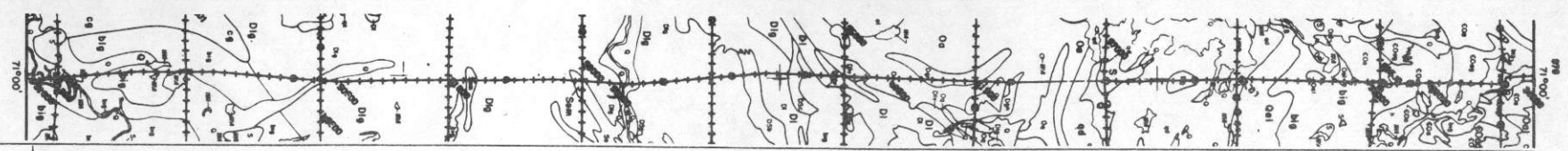
NURE AERIAL GAMMA-RAY AND MAGNETIC
RECONNAISSANCE SURVEY

MAINE-LEWISTON NL 19-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

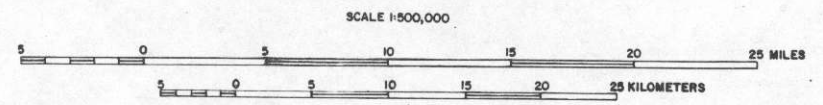
1980-1981

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

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↑ EXCEEDS ALTITUDE SPECIFICATIONS



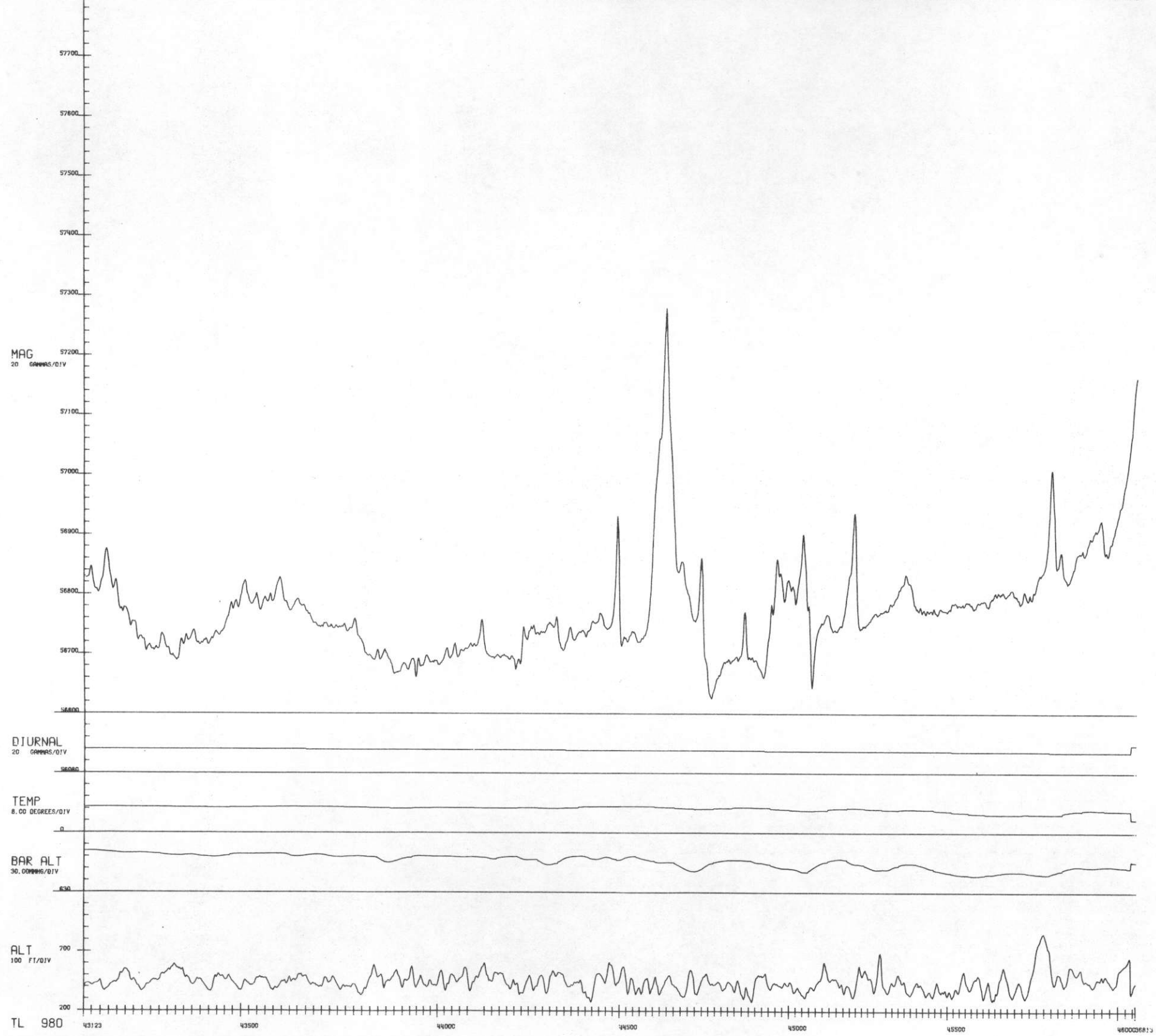
NURE AERIAL GAMMA-RAY AND MAGNETIC
RECONNAISSANCE SURVEY

MAINE-LEWISTON NL 19-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

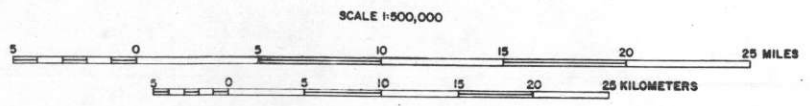
1980-1981

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

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↑ EXCEEDS ALTITUDE SPECIFICATIONS



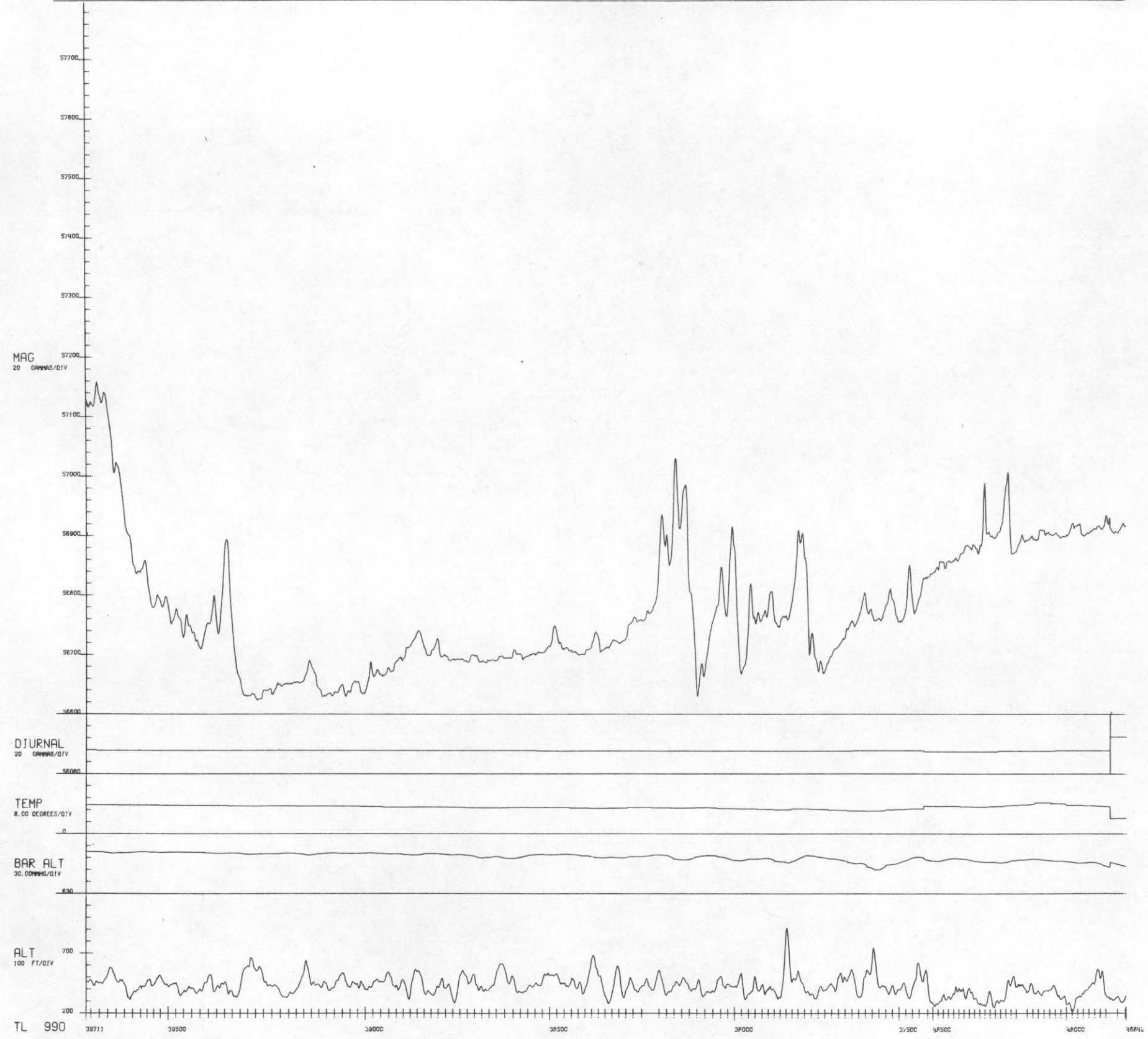
NURE AERIAL GAMMA-RAY AND MAGNETIC
RECONNAISSANCE SURVEY

MAINE-LEWISTON NL 19-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

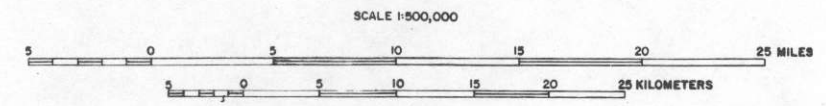
1980-1981

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

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↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA-RAY AND MAGNETIC
RECONNAISSANCE SURVEY

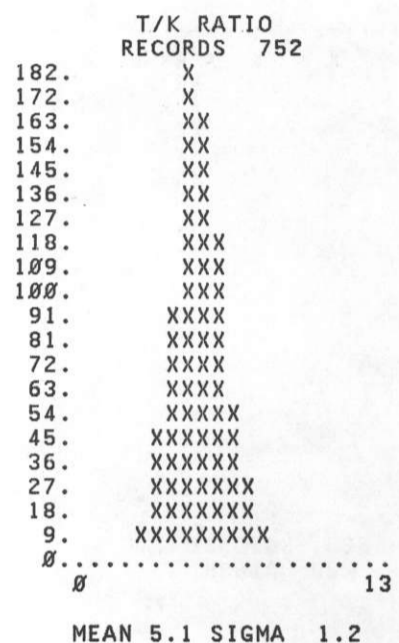
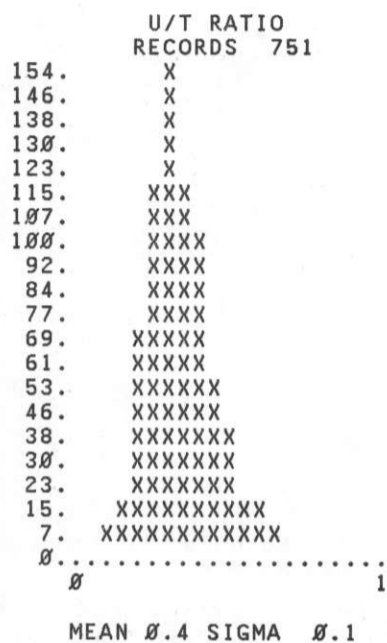
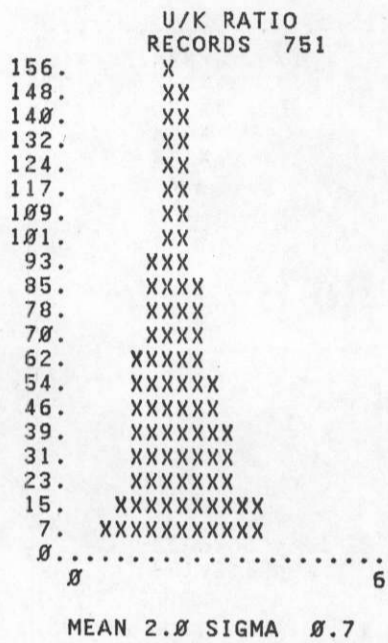
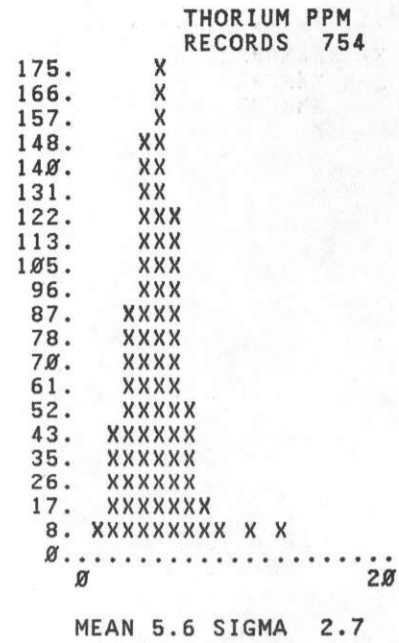
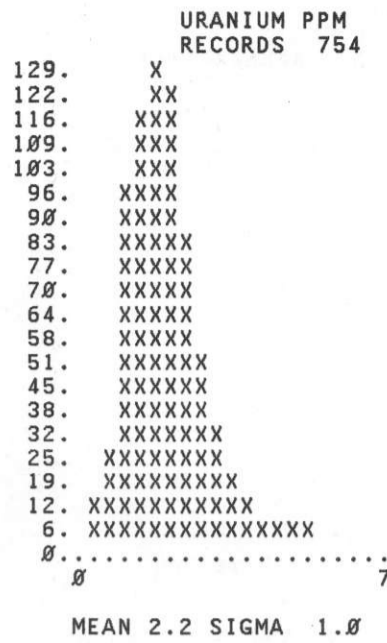
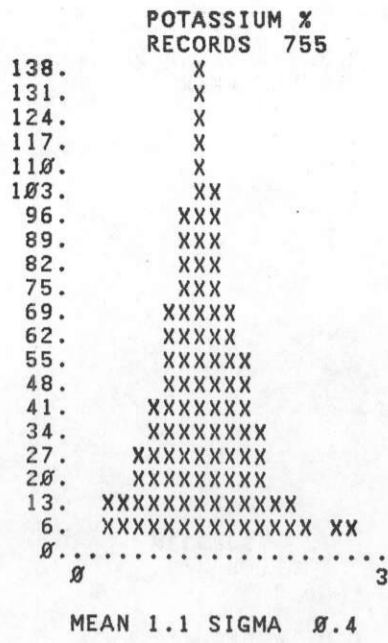
MAINE-LEWISTON NL 19-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

1980-1981

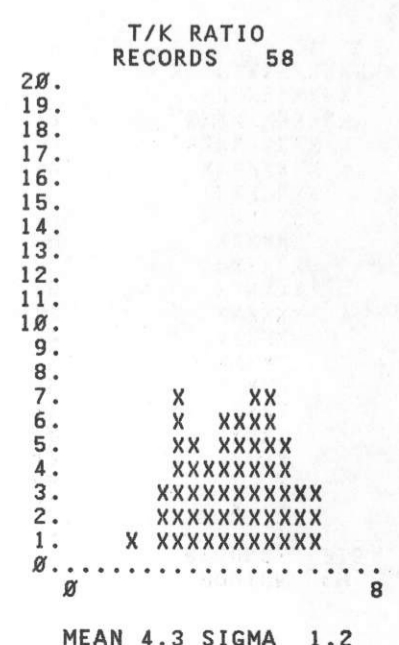
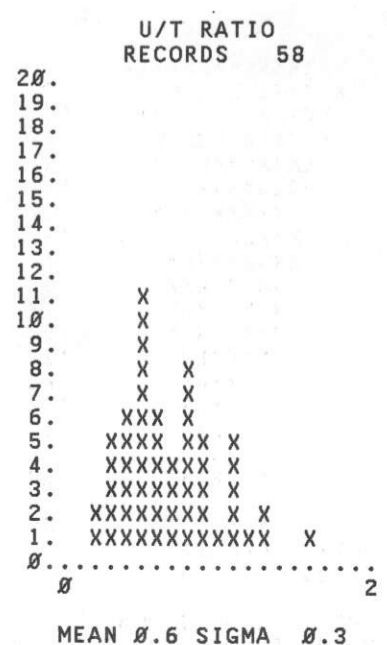
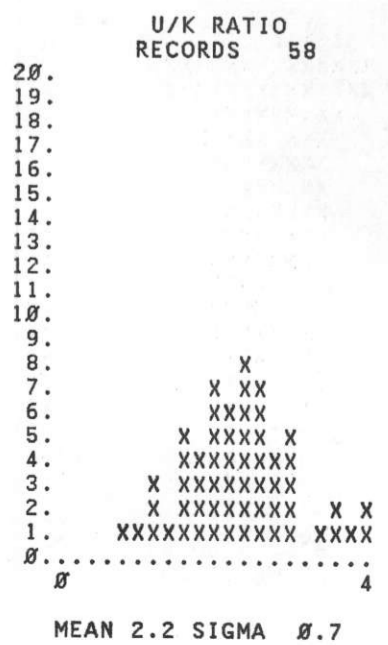
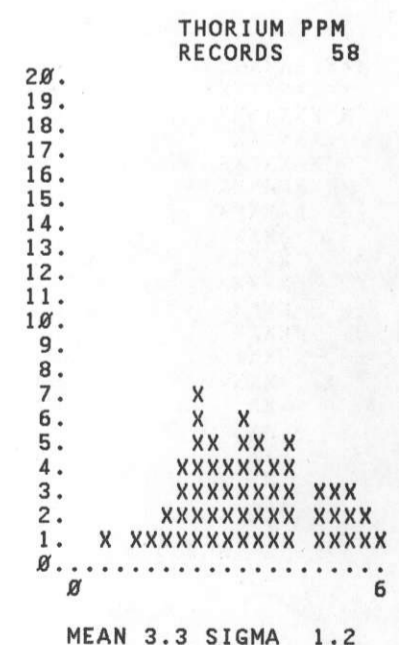
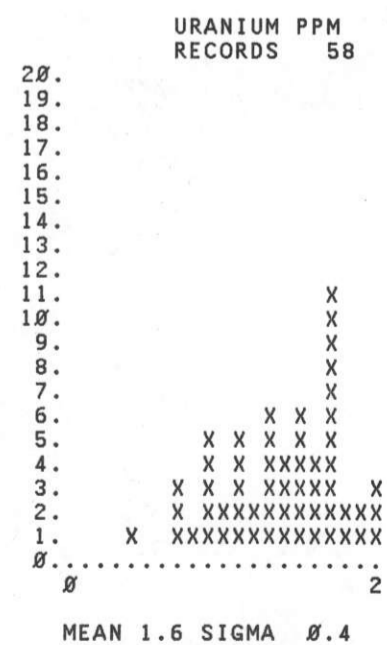
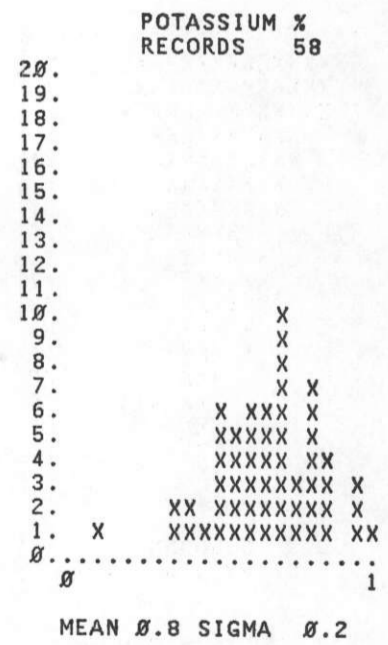
BY: CARSON HELICOPTERS, INC. 32-H BLOOMING GLEN ROAD PERKASIE, PENNA. 18944

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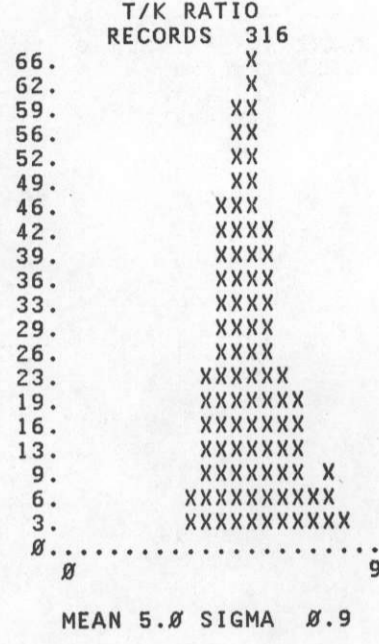
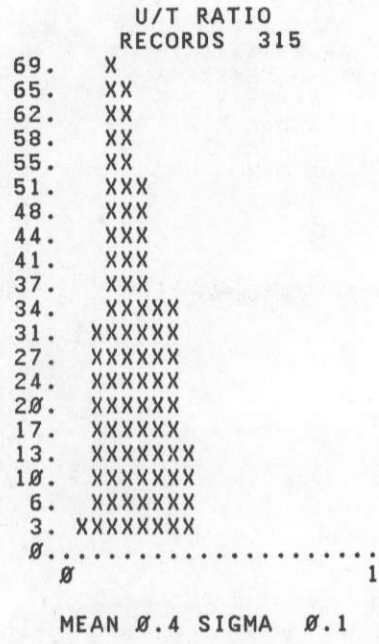
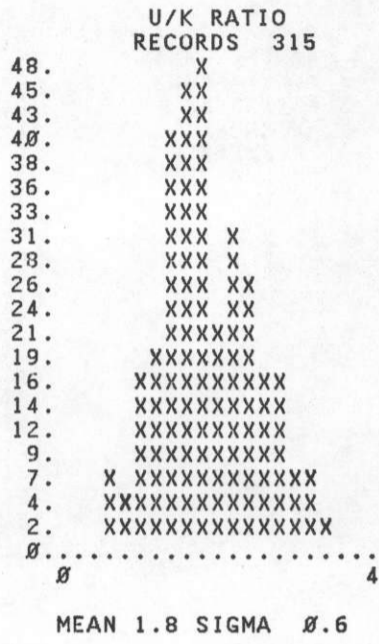
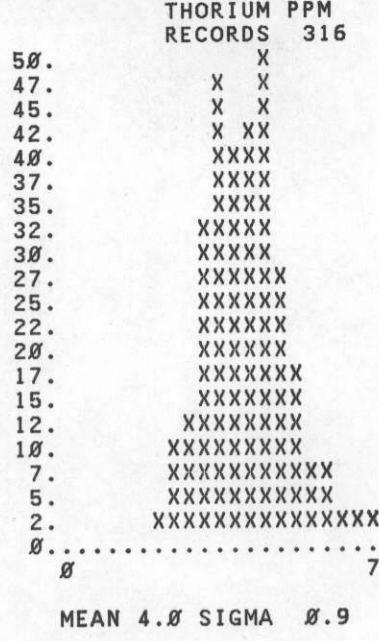
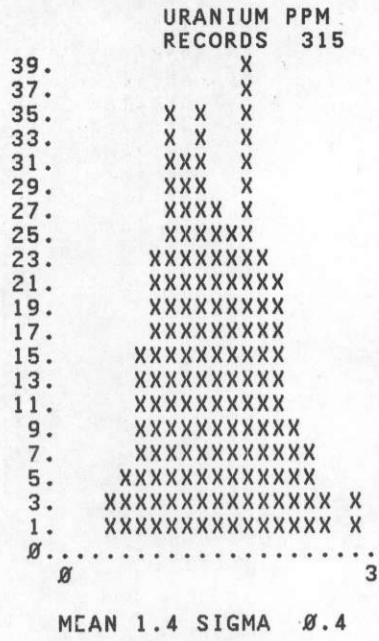
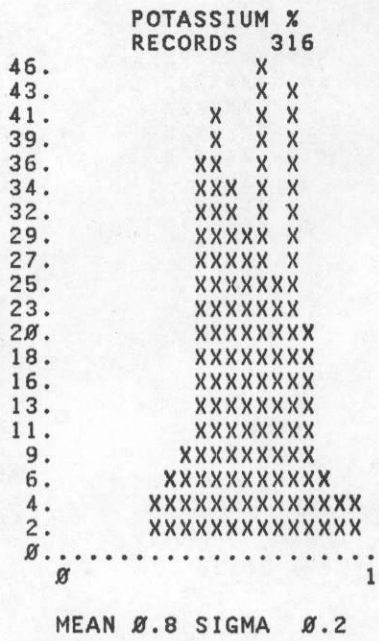
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Q



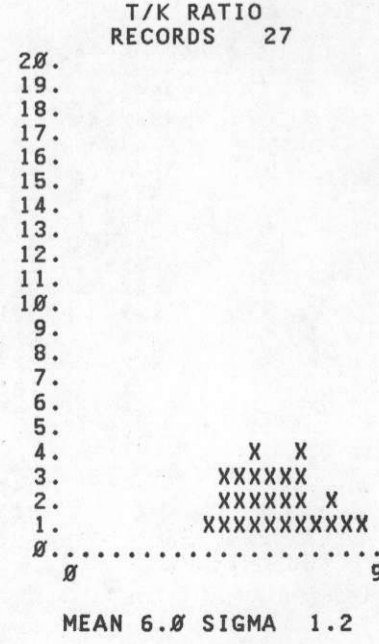
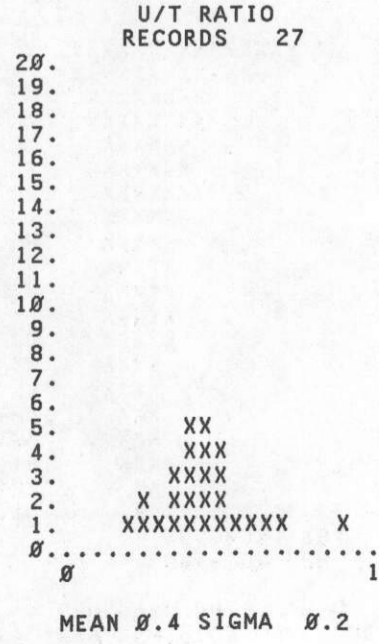
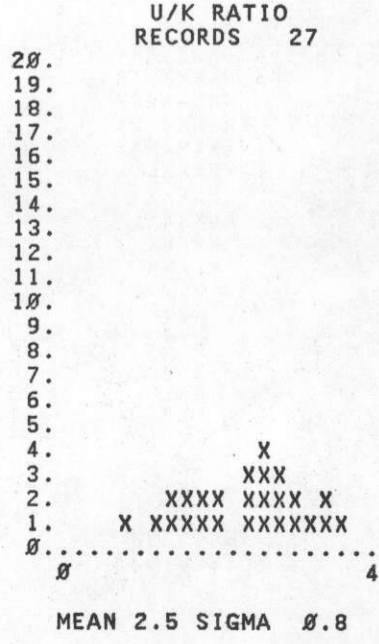
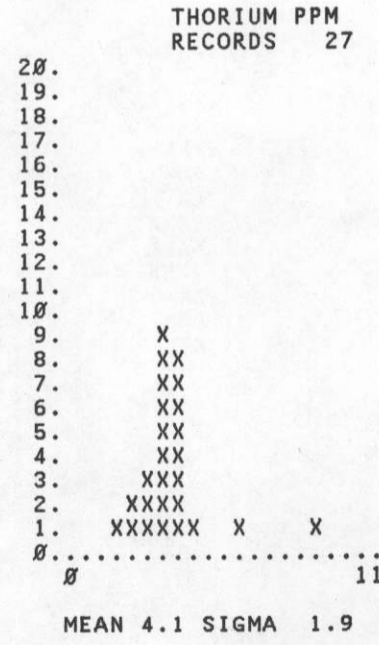
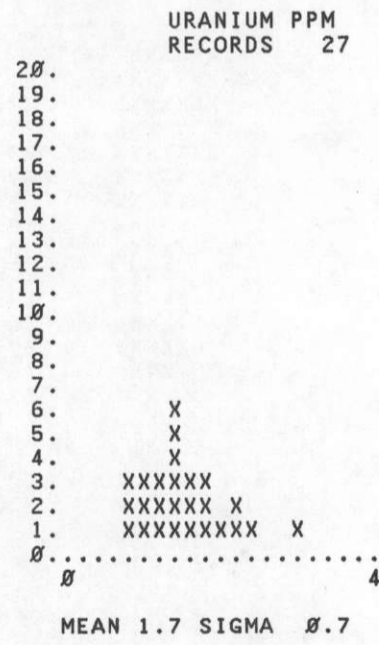
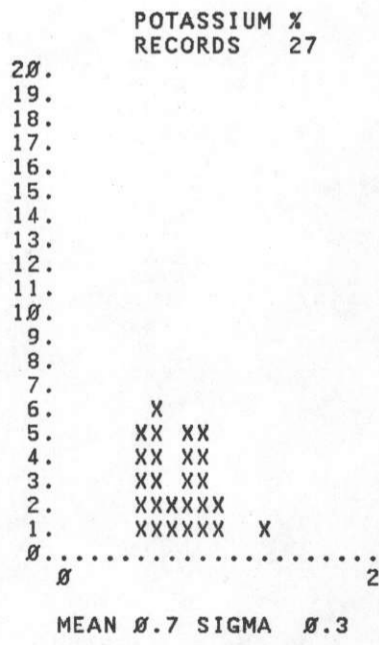
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Dw



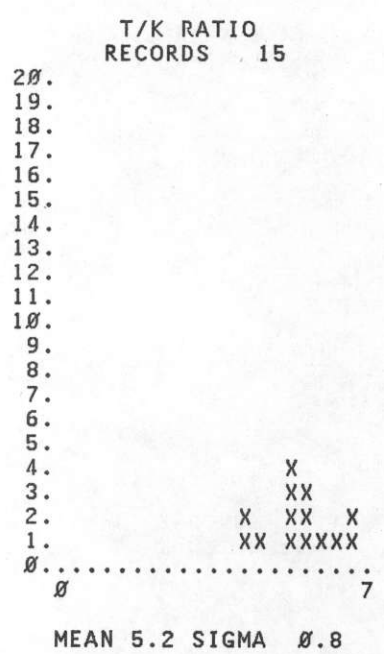
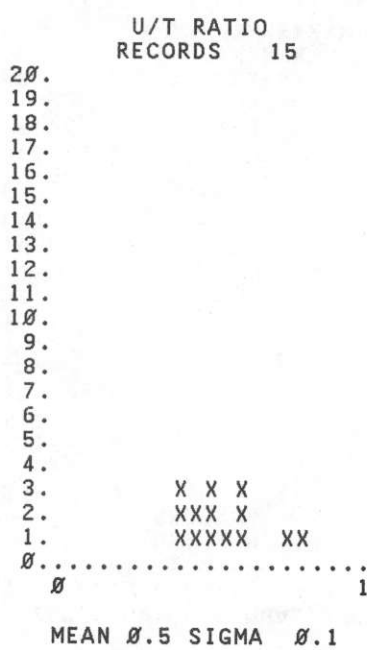
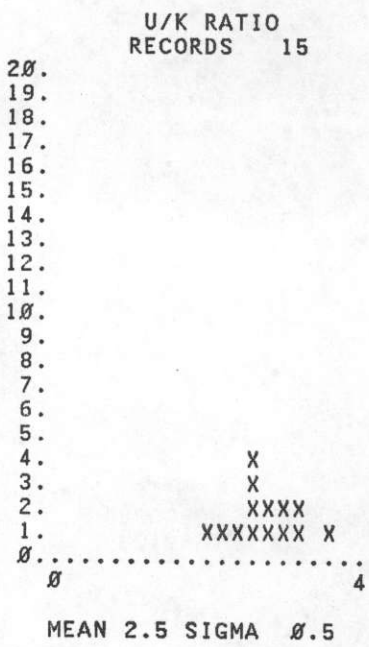
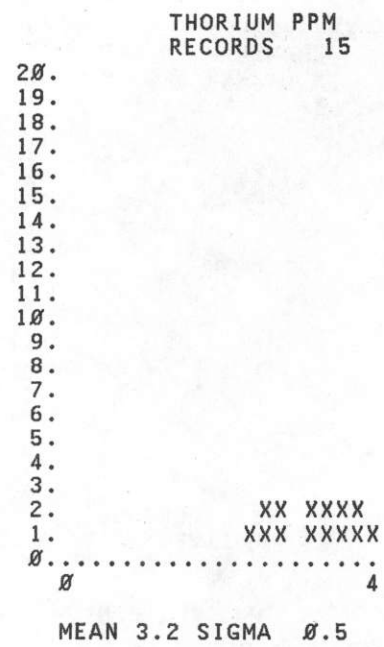
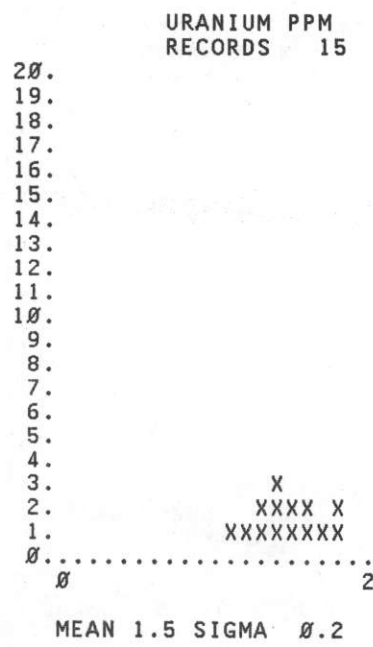
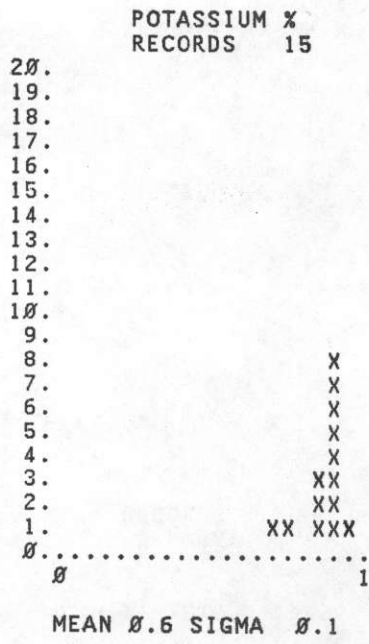
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Dg



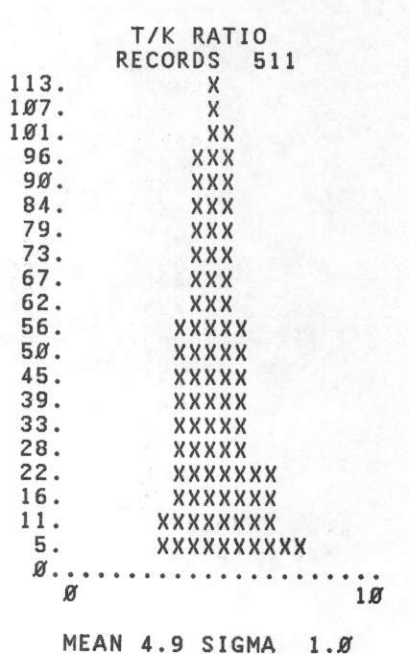
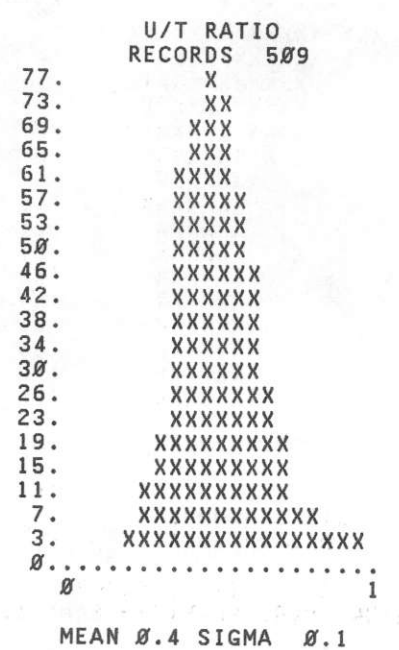
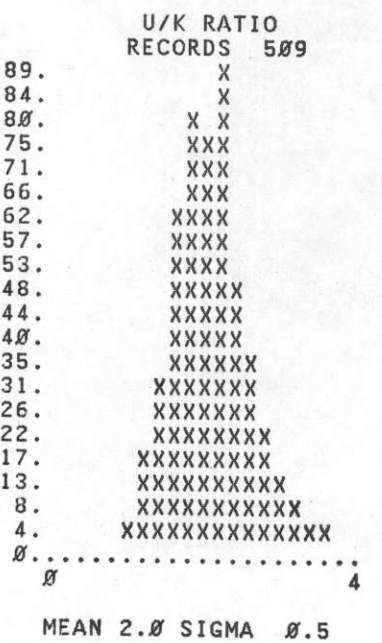
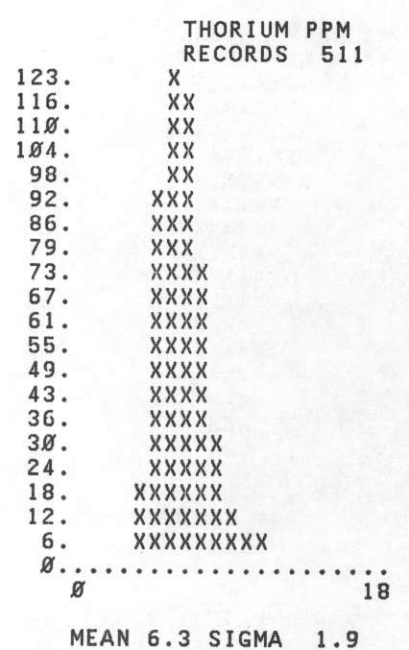
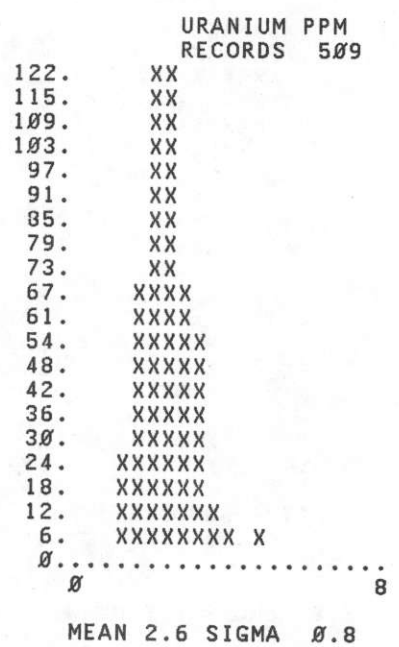
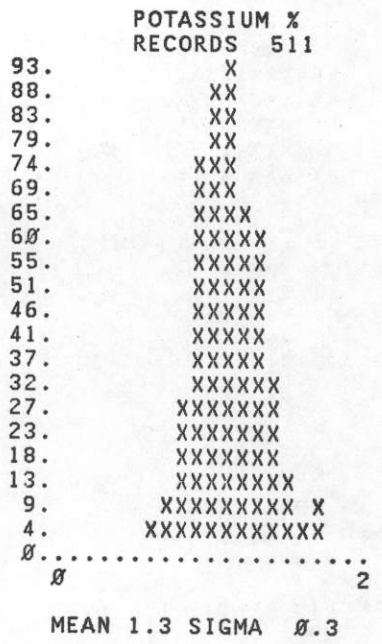
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Dkm



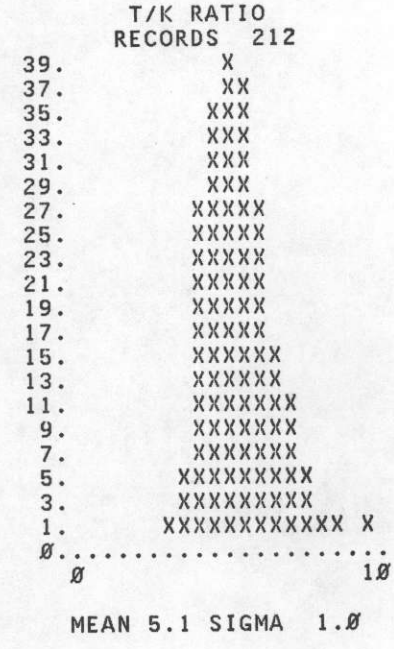
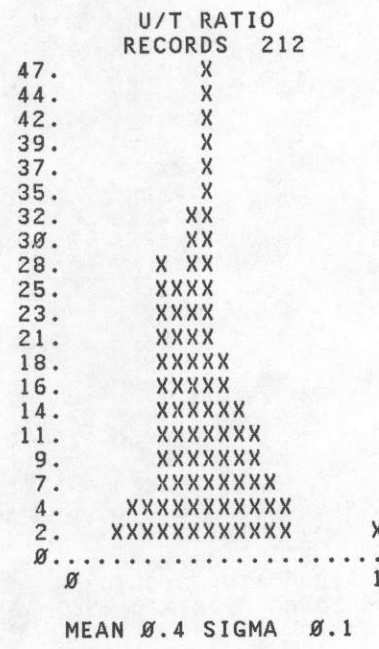
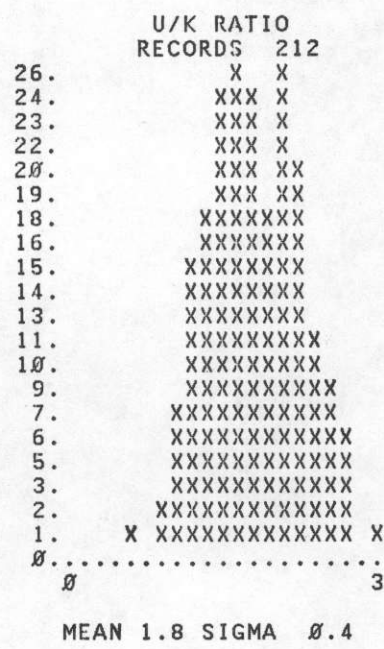
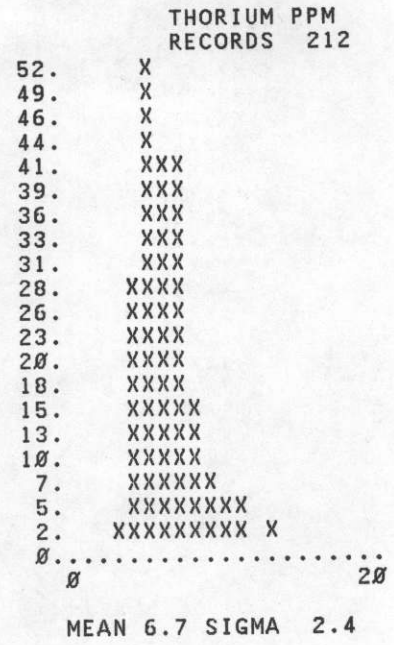
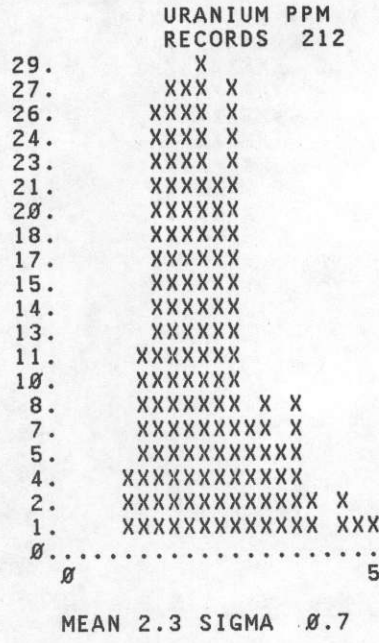
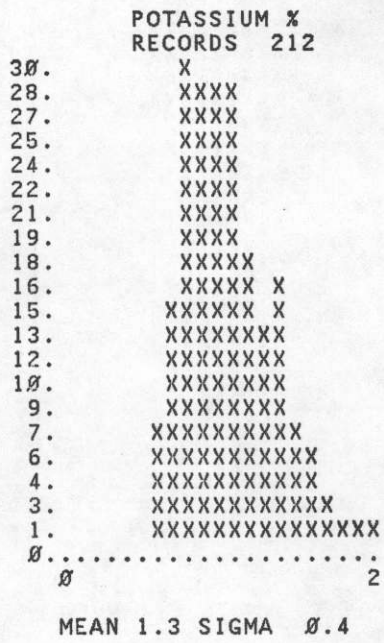
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Dkf



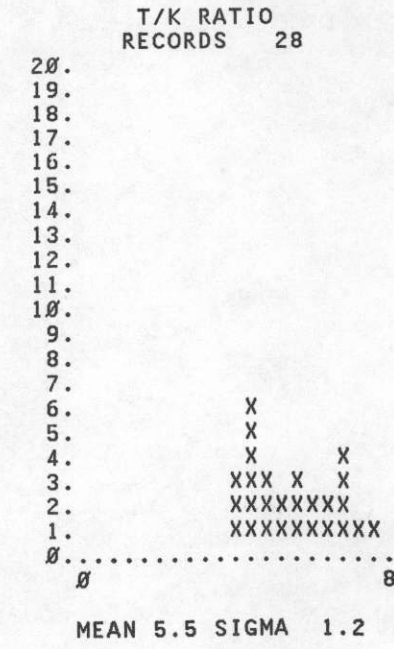
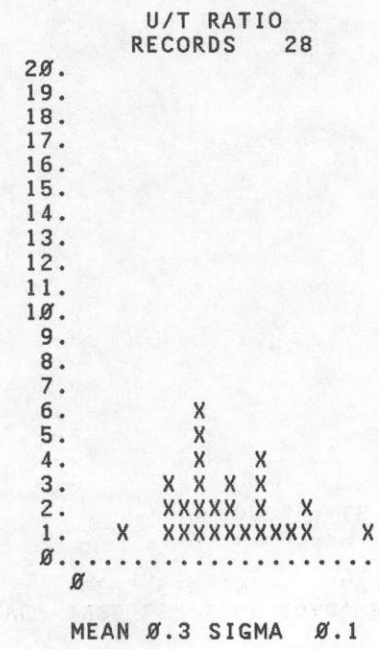
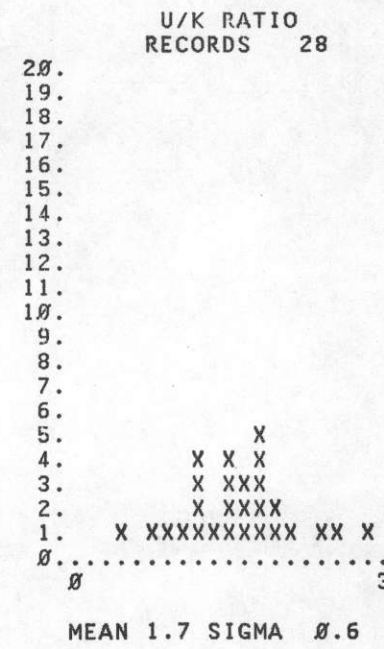
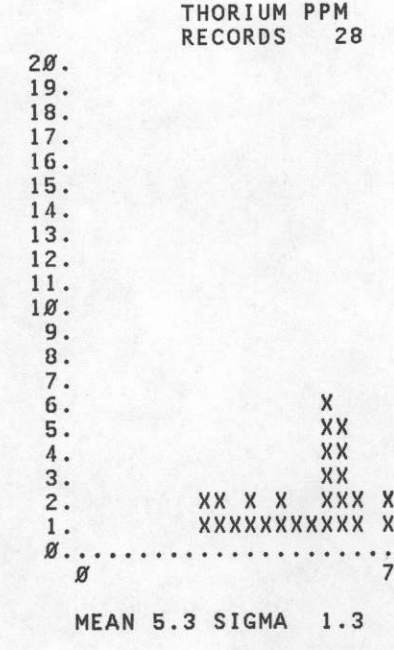
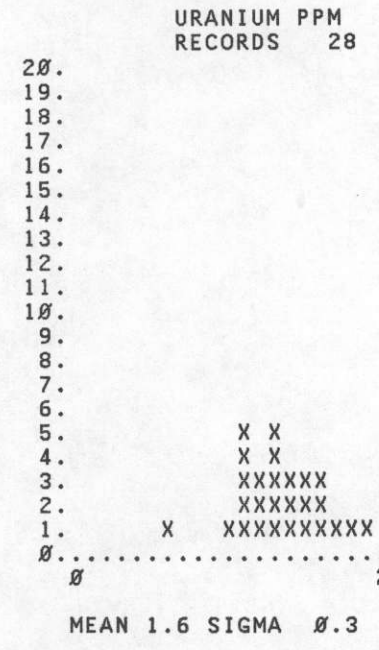
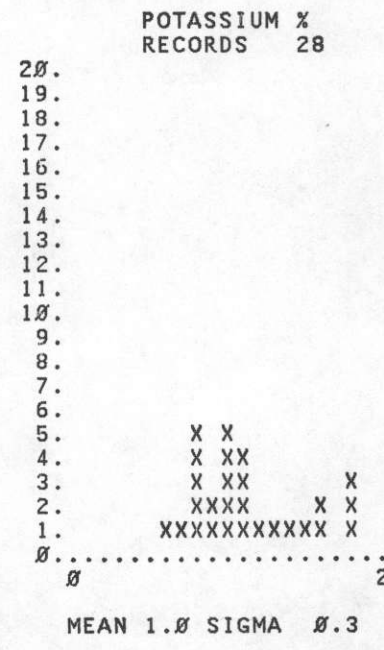
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT D1g



MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT D1

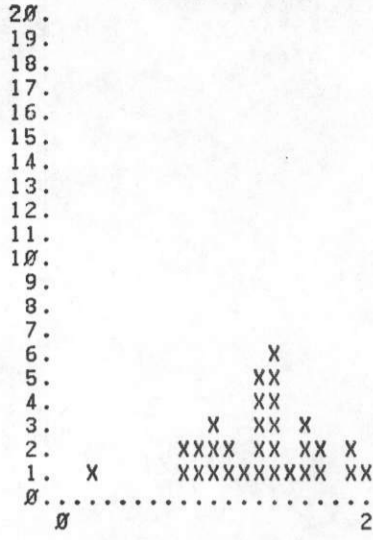


MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT D1v



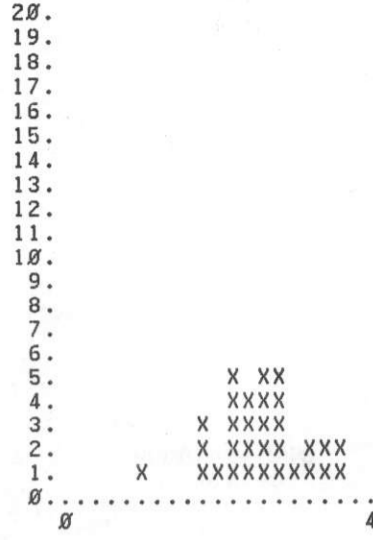
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Dsg

POTASSIUM %
RECORDS 32



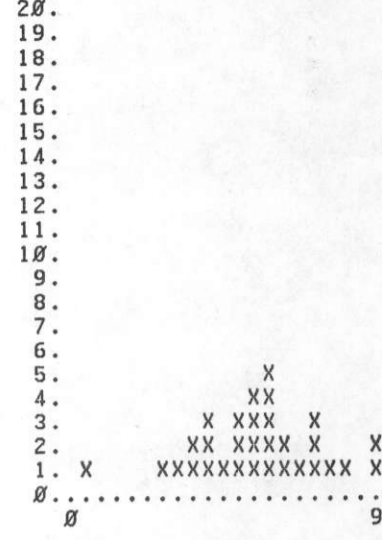
MEAN 1.1 SIGMA 0.3

URANIUM PPM
RECORDS 32



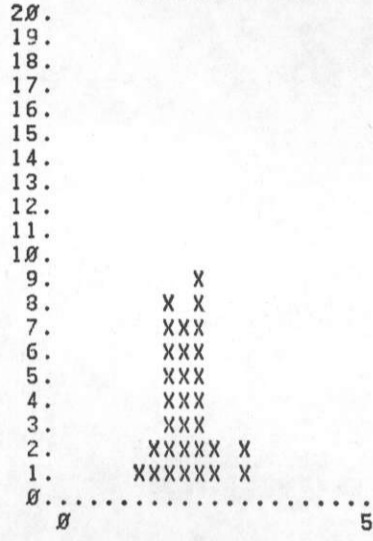
MEAN 2.4 SIGMA 0.5

THORIUM PPM
RECORDS 32



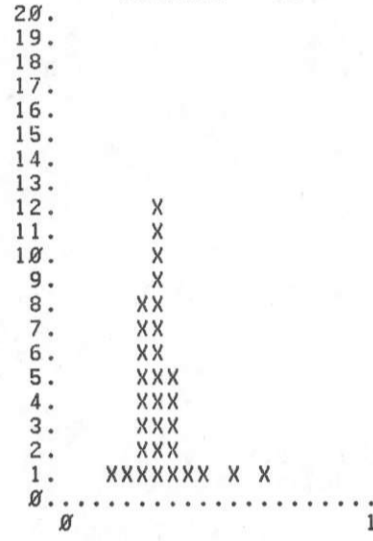
MEAN 5.6 SIGMA 1.9

U/K RATIO
RECORDS 32



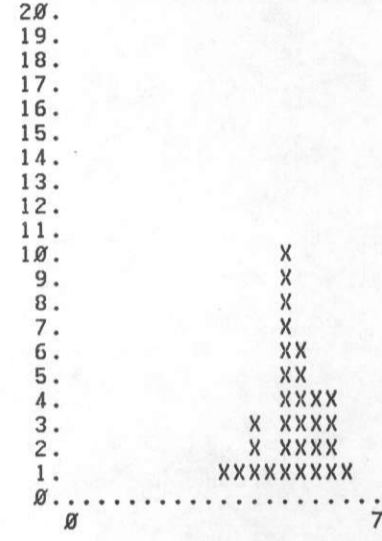
MEAN 2.3 SIGMA 0.7

U/T RATIO
RECORDS 32



MEAN 0.5 SIGMA 0.2

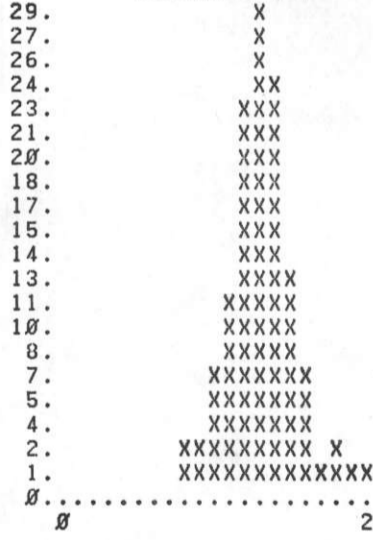
T/K RATIO
RECORDS 32



MEAN 5.1 SIGMA 0.7

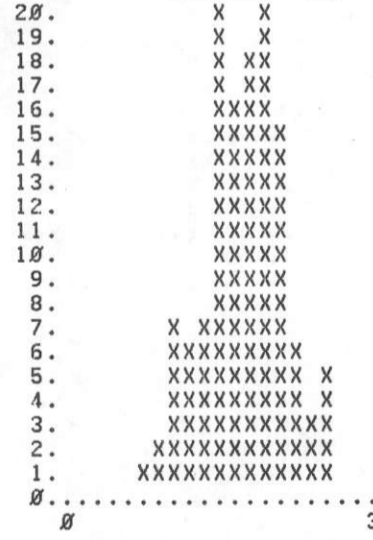
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Dr

POTASSIUM %
RECORDS 127



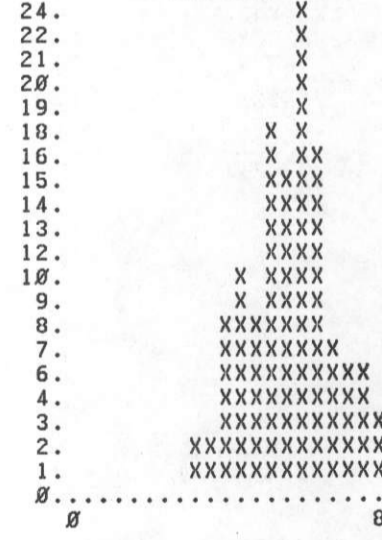
MEAN 1.1 SIGMA 0.2

URANIUM PPM
RECORDS 127



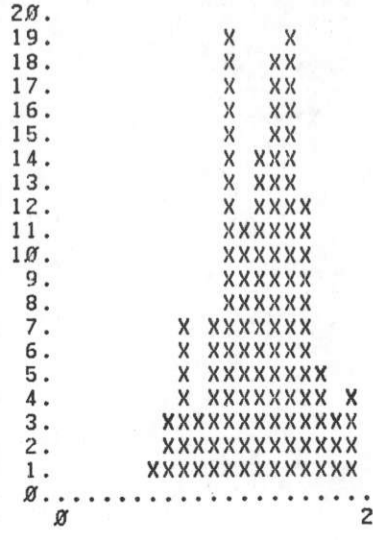
MEAN 1.9 SIGMA 0.4

THORIUM PPM
RECORDS 127



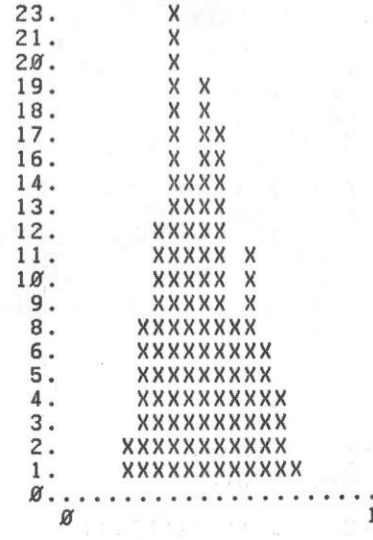
MEAN 5.5 SIGMA 1.0

U/K RATIO
RECORDS 127



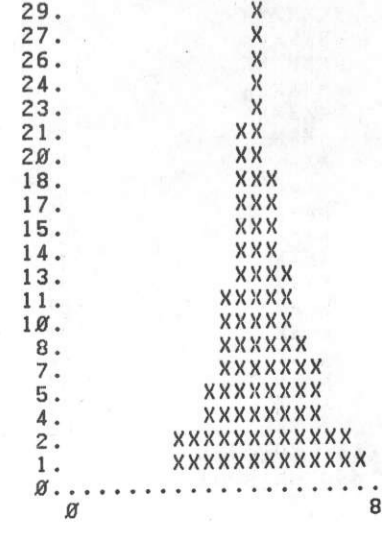
MEAN 1.6 SIGMA 0.3

U/T RATIO
RECORDS 127



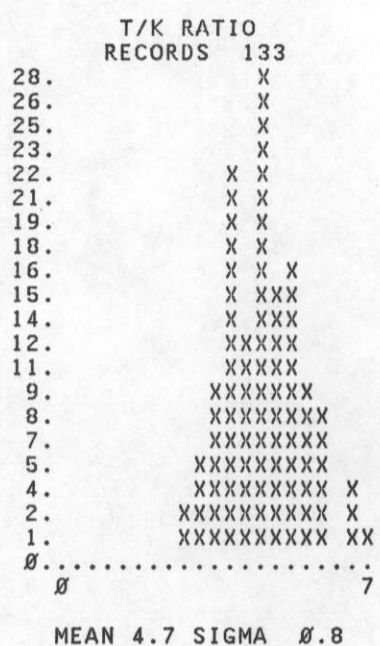
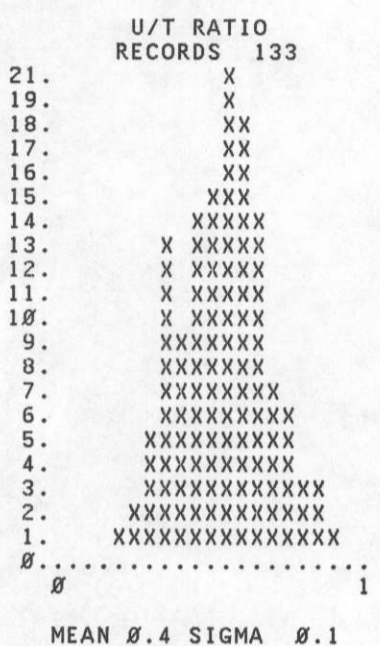
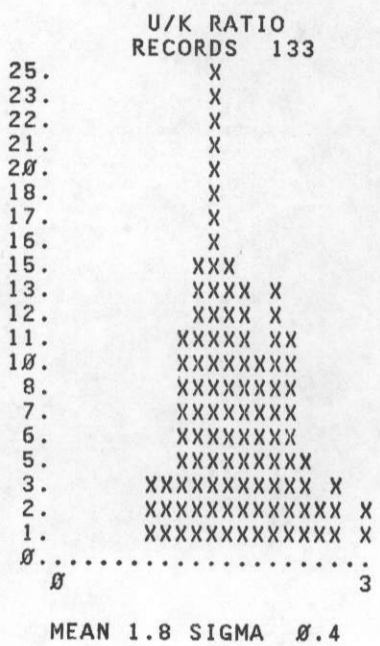
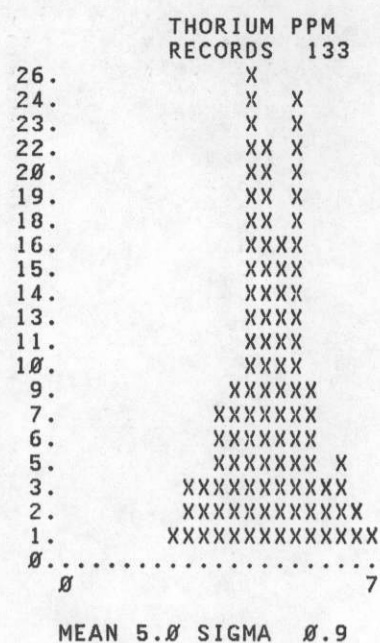
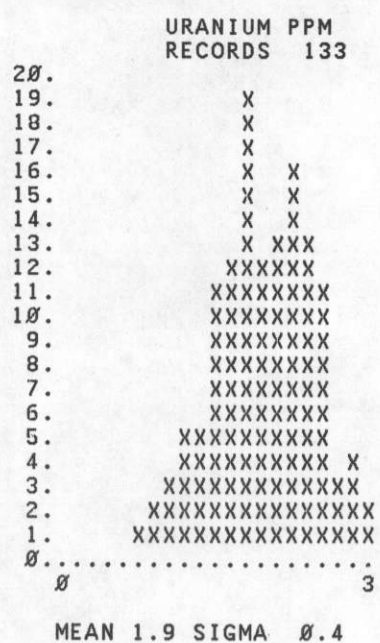
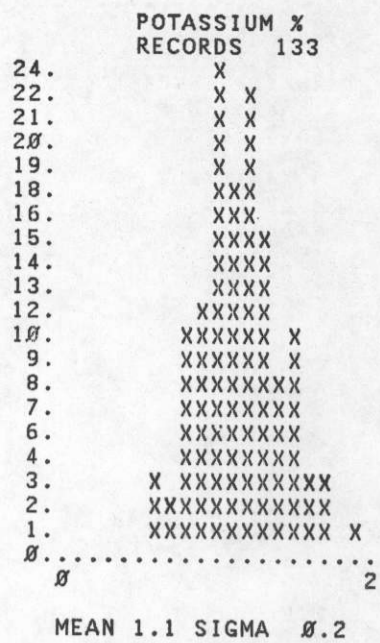
MEAN 0.3 SIGMA 0.1

T/K RATIO
RECORDS 127

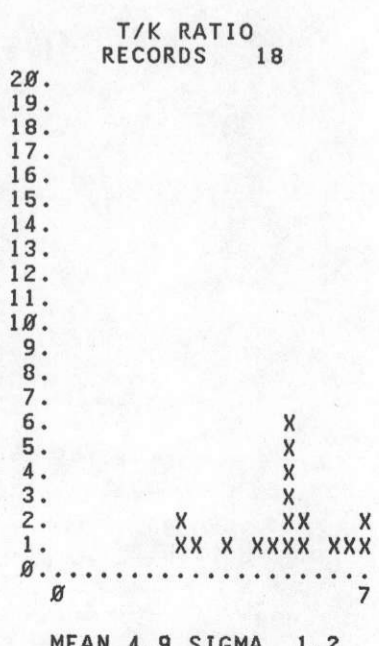
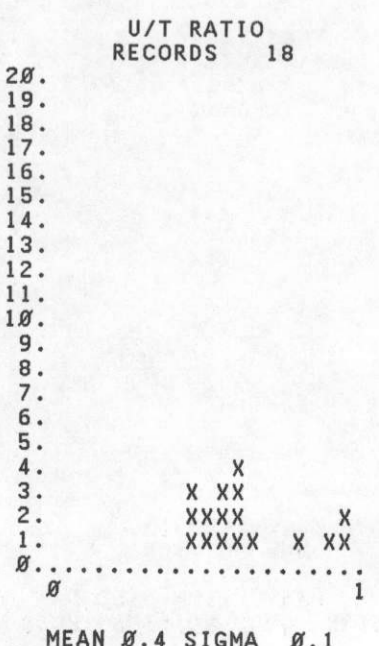
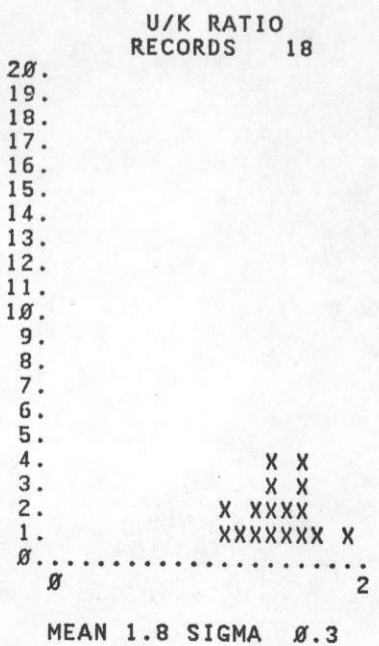
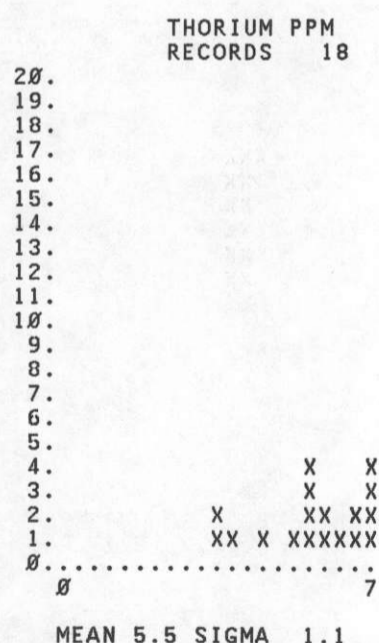
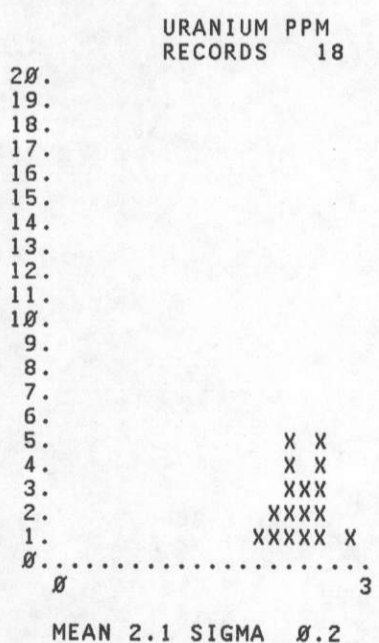
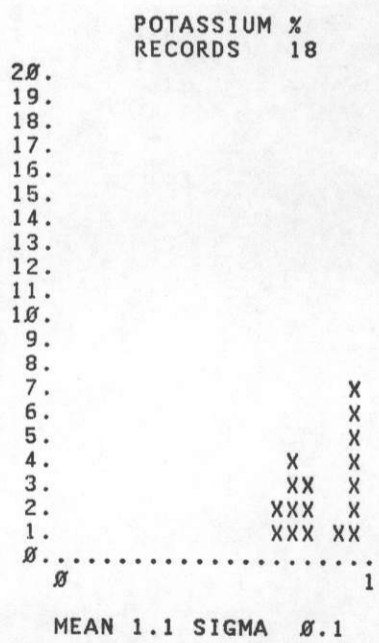


MEAN 4.8 SIGMA 0.9

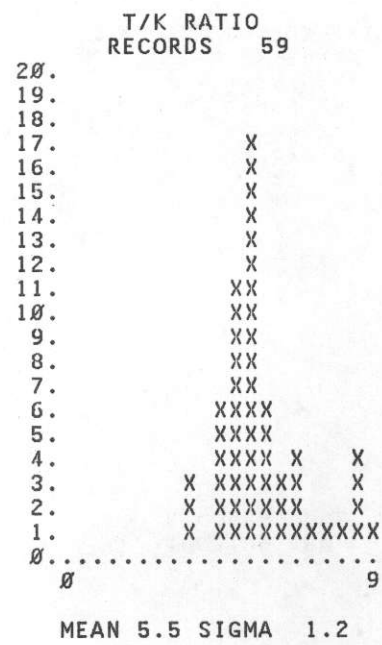
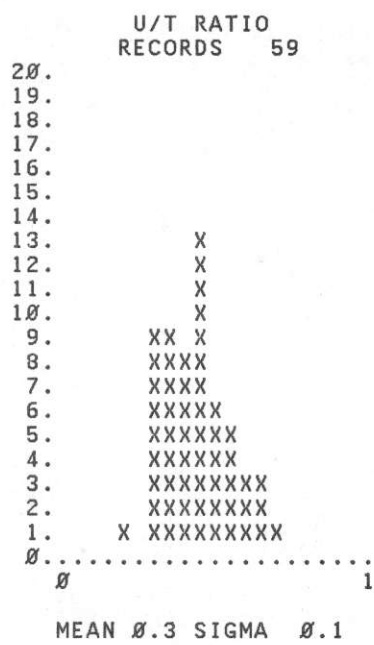
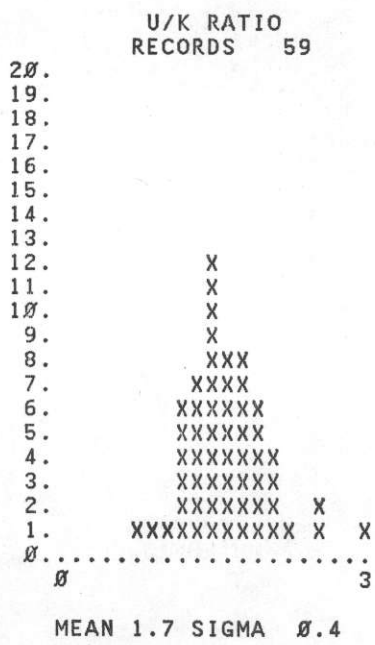
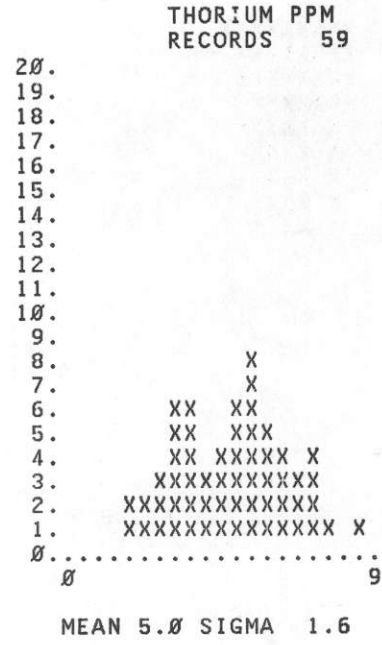
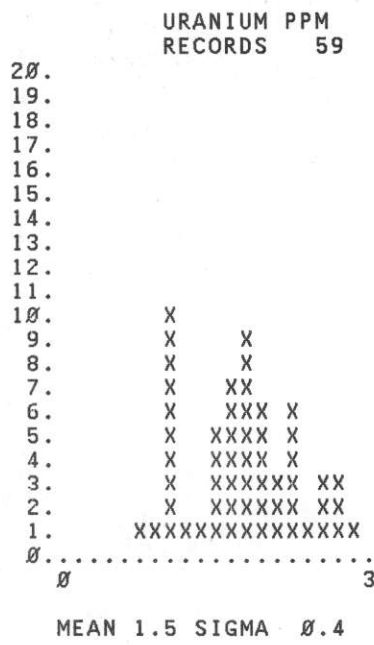
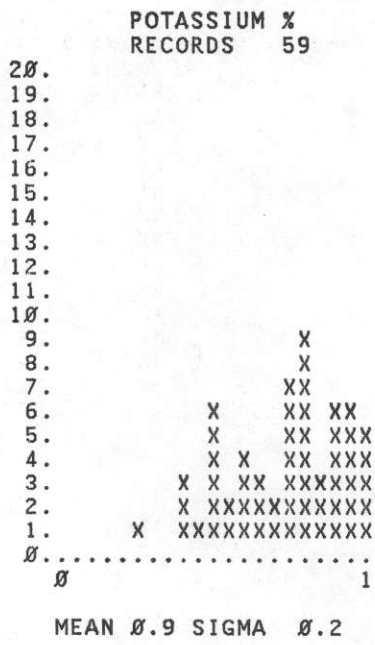
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Ds



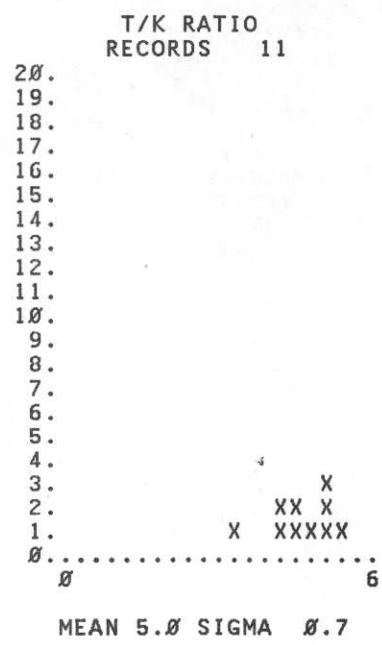
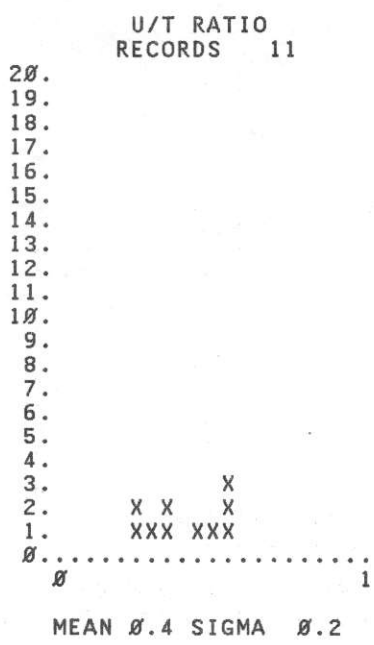
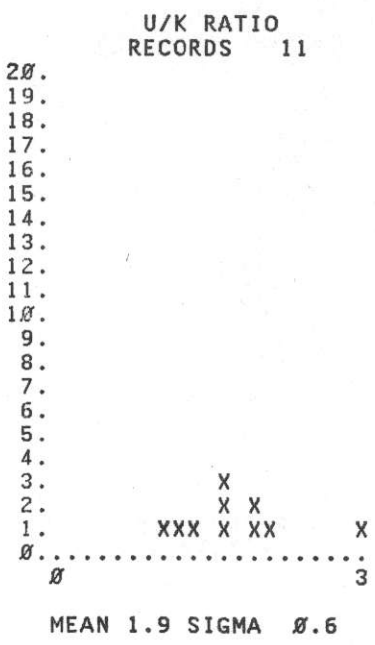
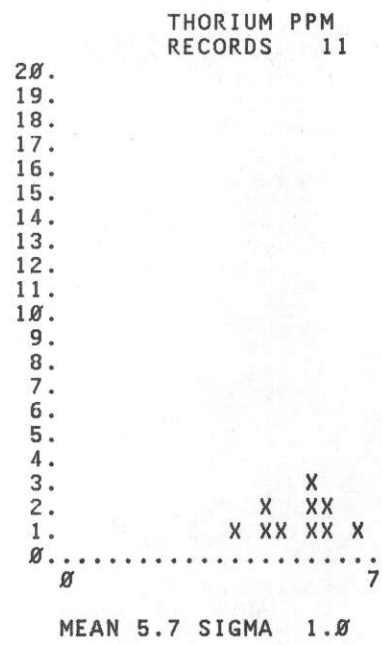
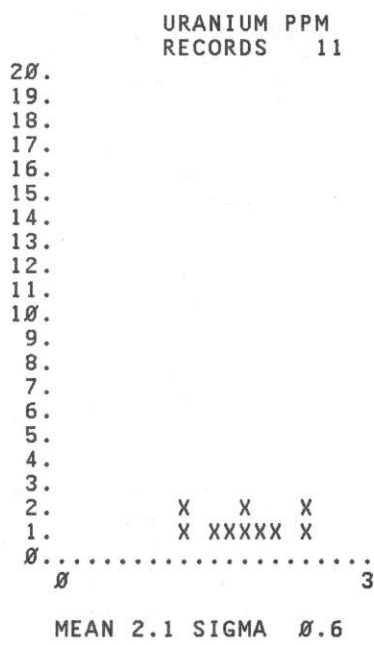
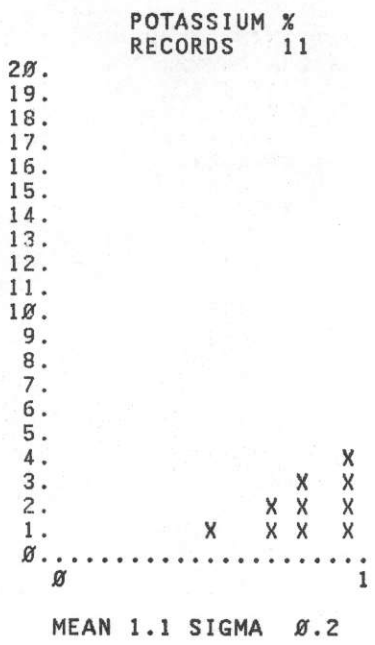
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Dh



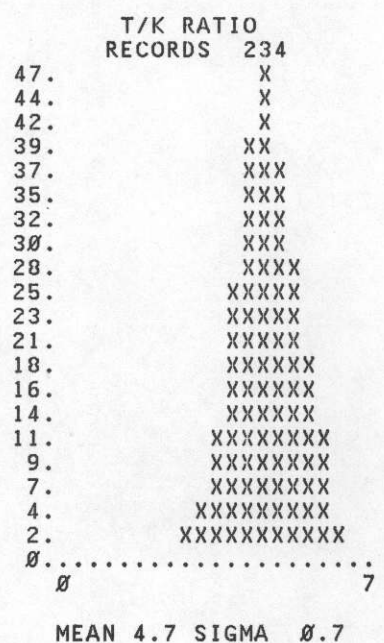
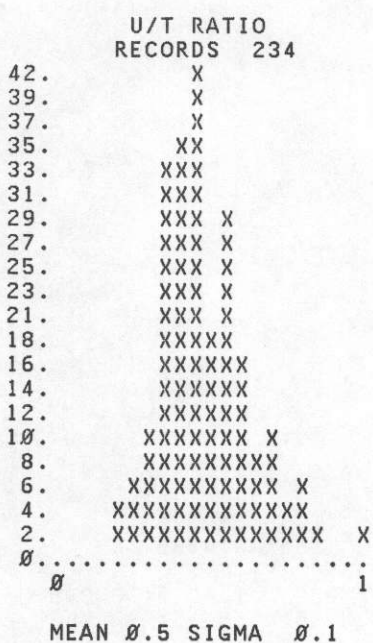
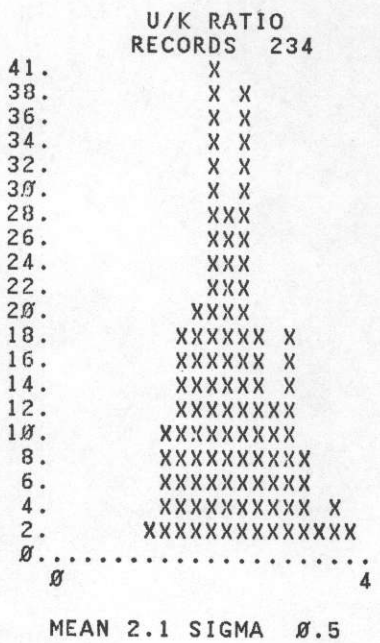
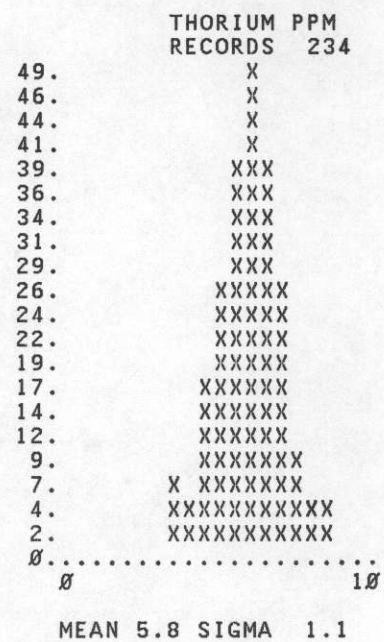
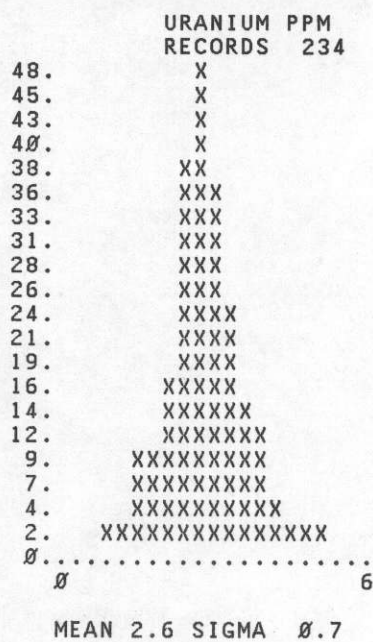
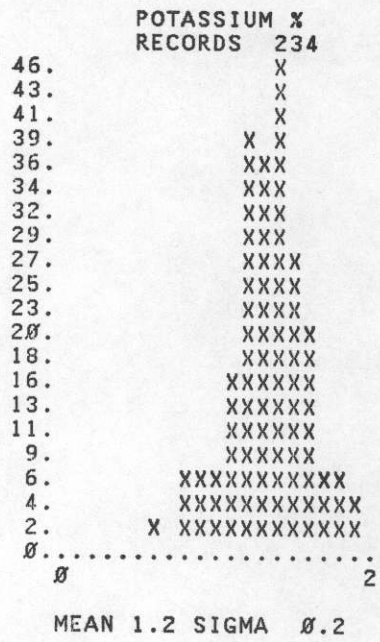
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Dc



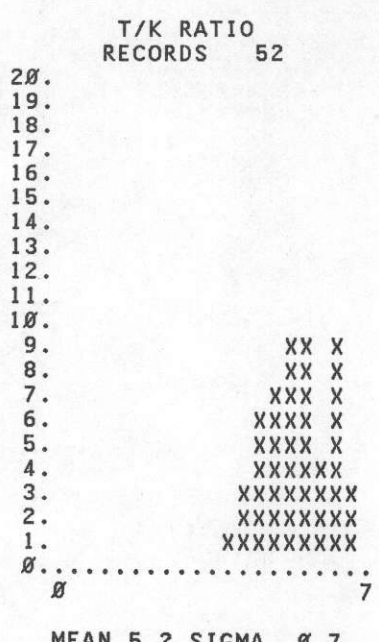
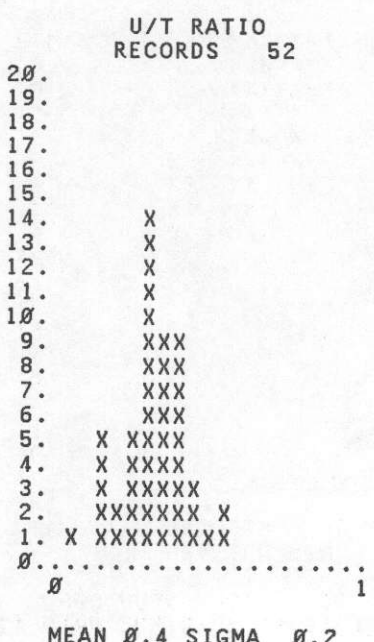
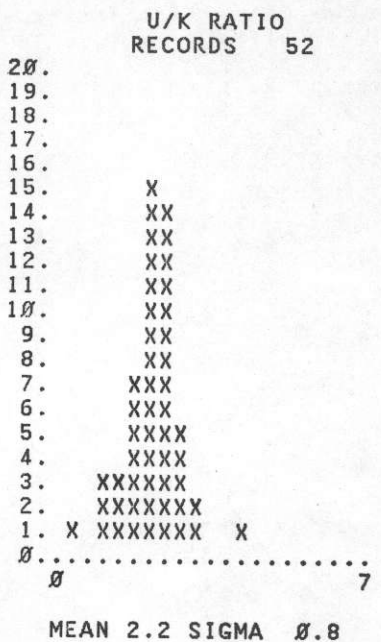
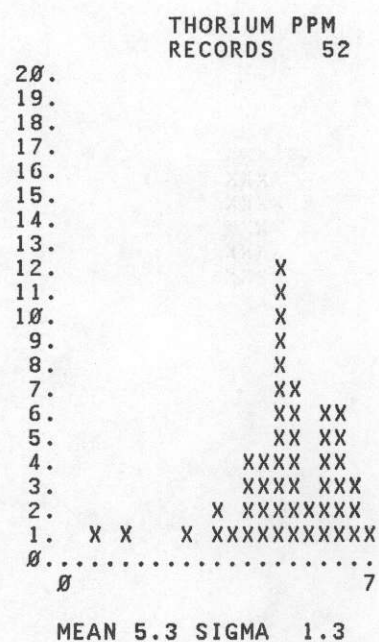
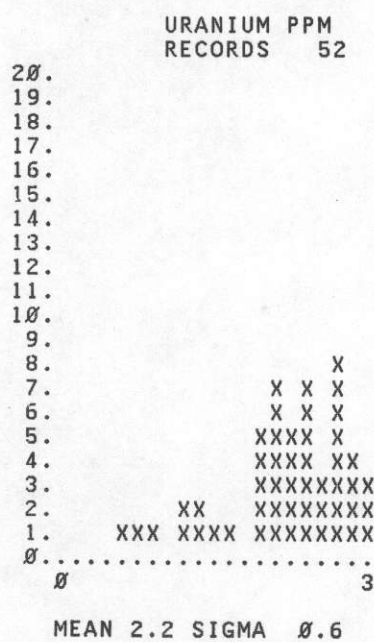
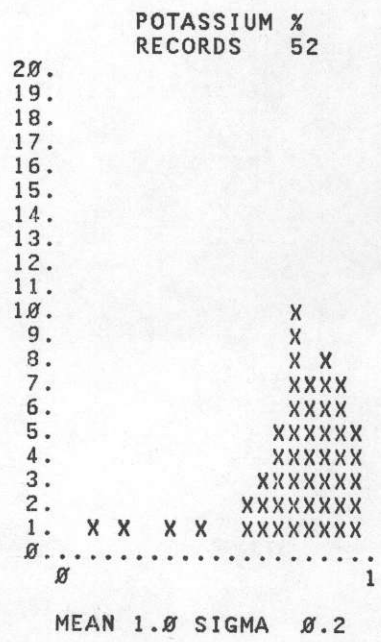
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT DSc



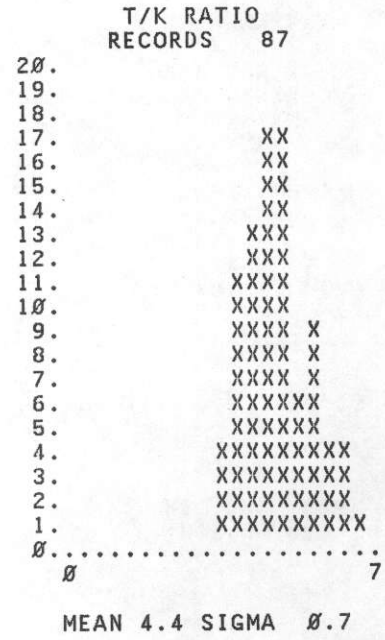
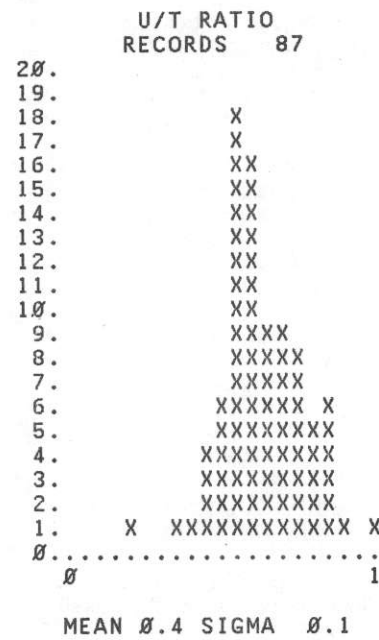
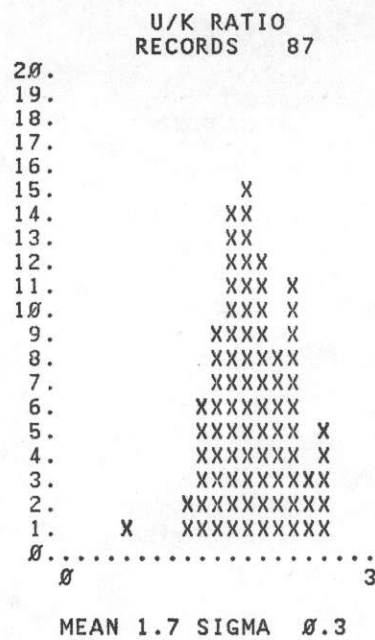
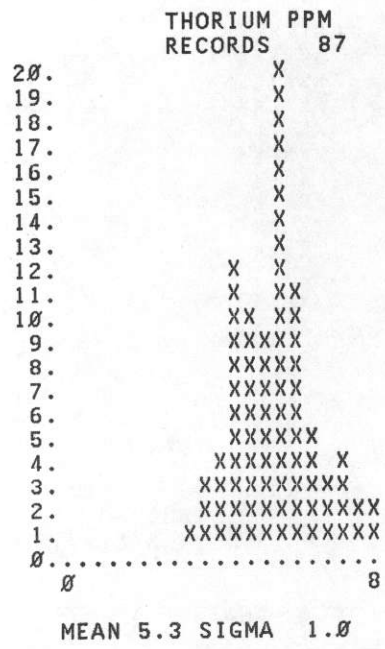
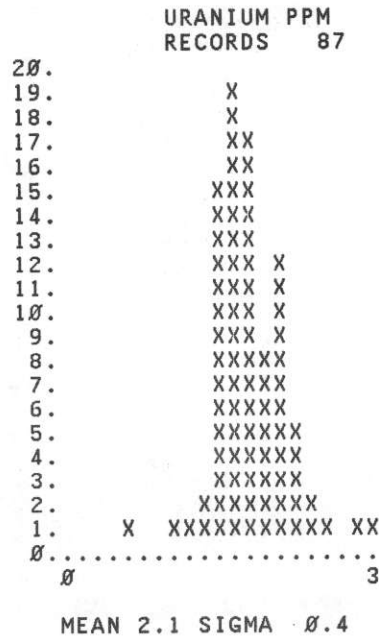
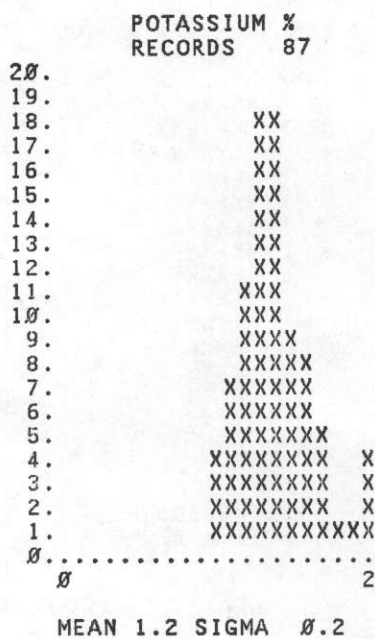
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Sa



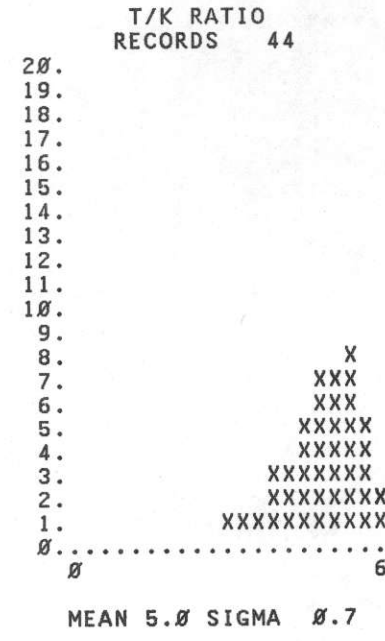
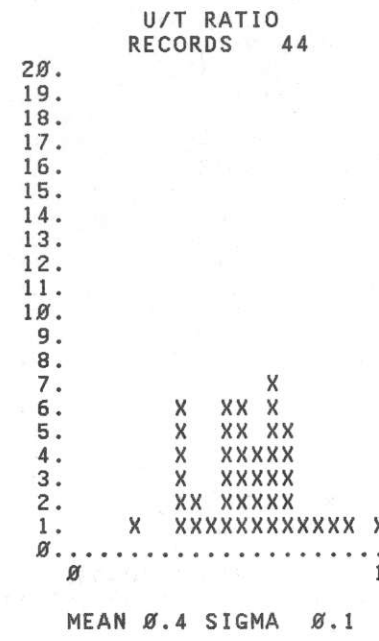
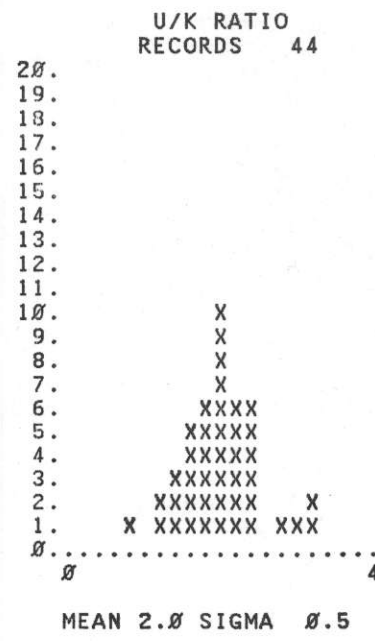
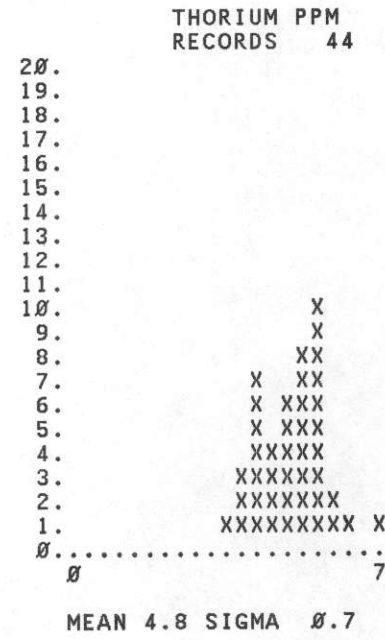
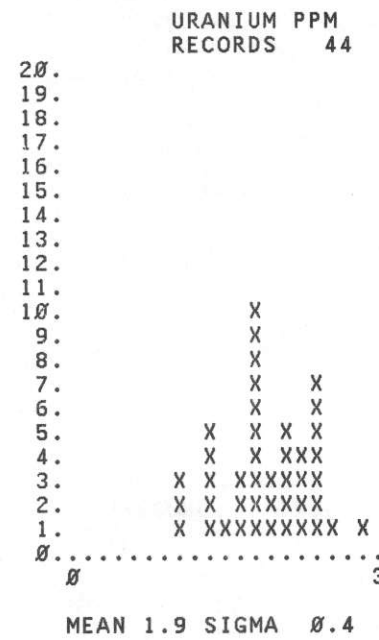
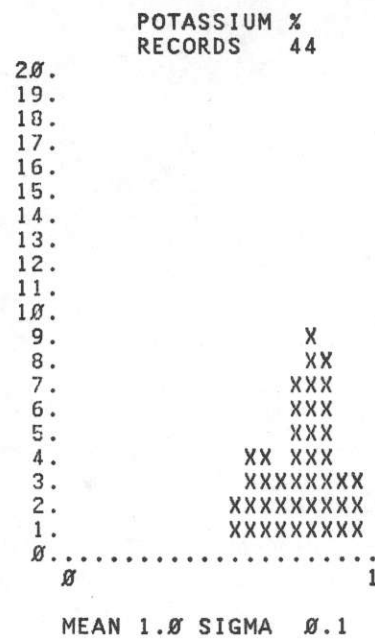
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Scq



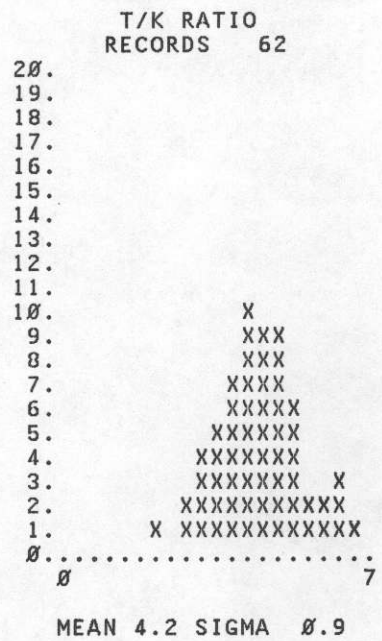
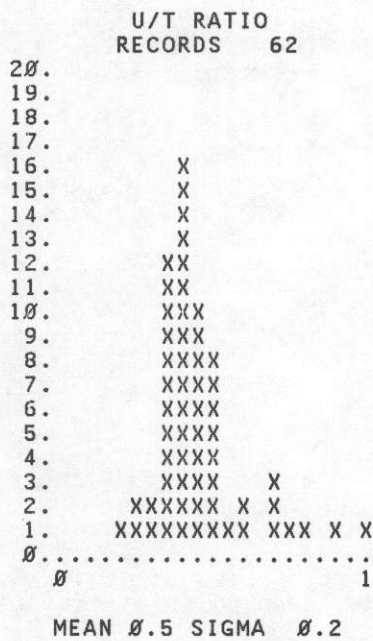
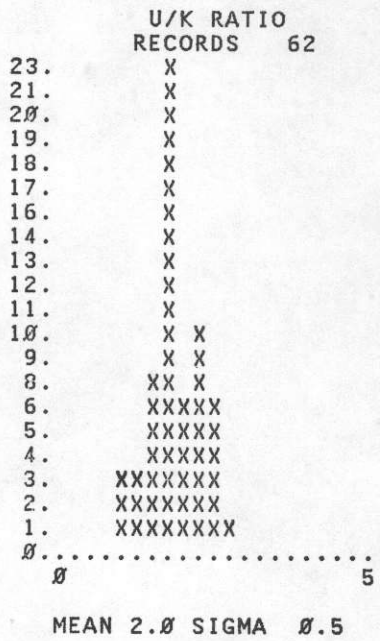
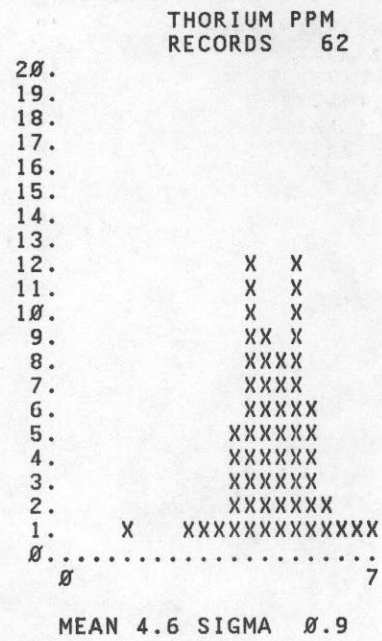
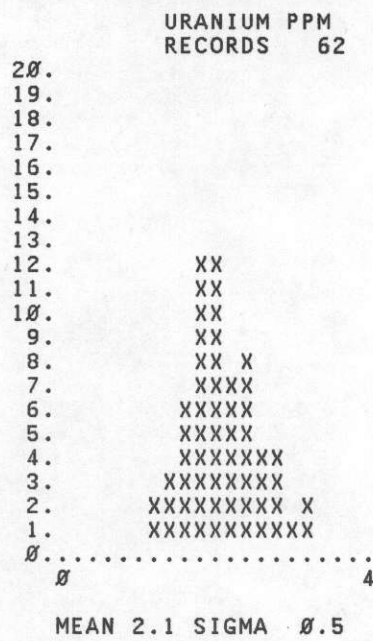
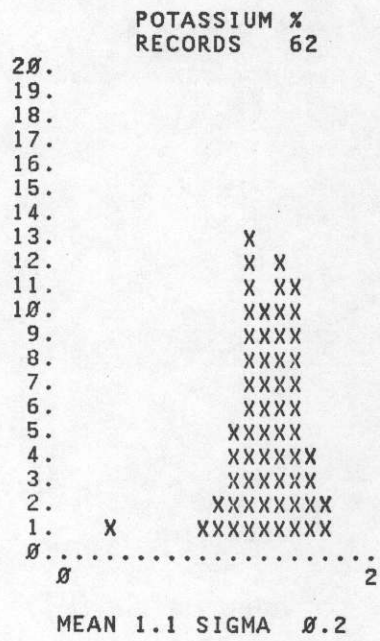
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Sm



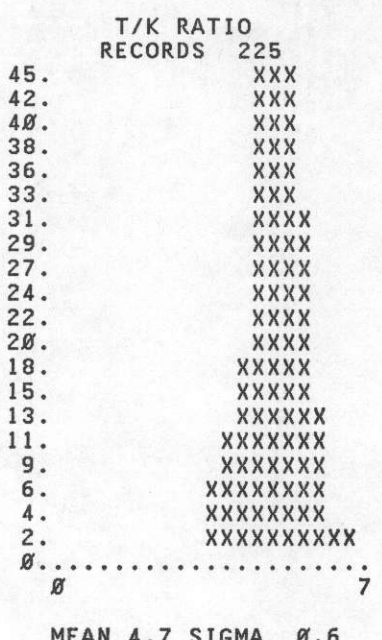
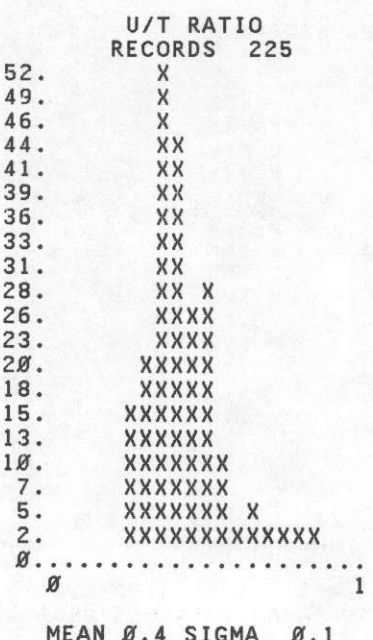
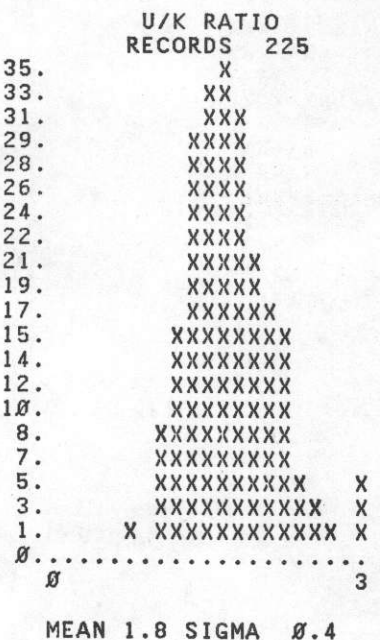
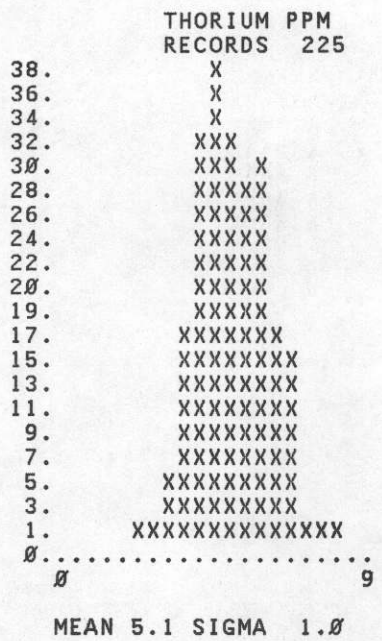
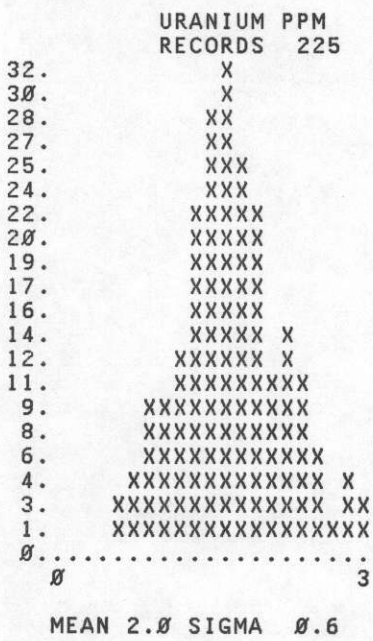
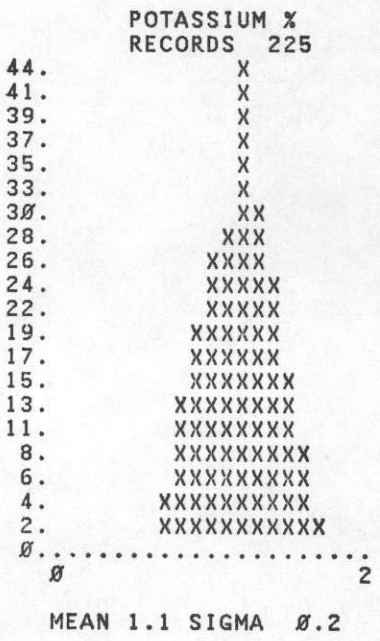
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Sm



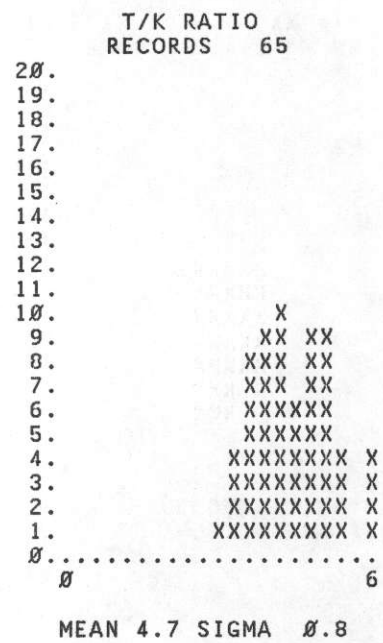
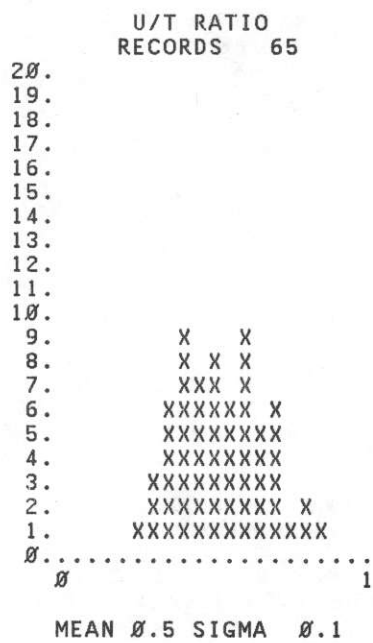
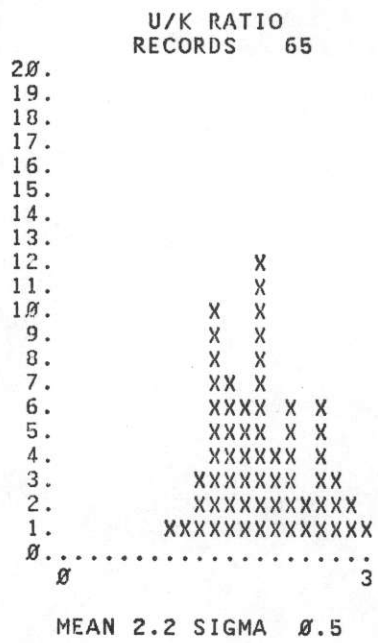
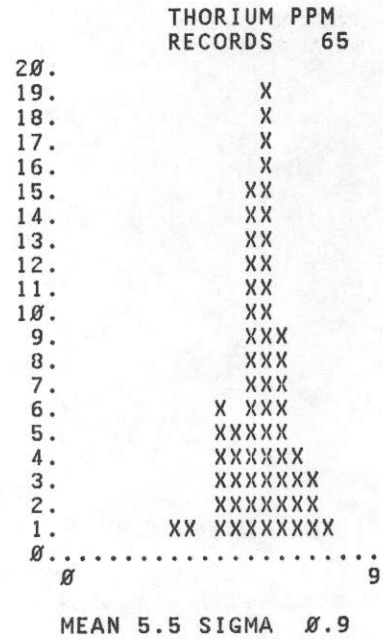
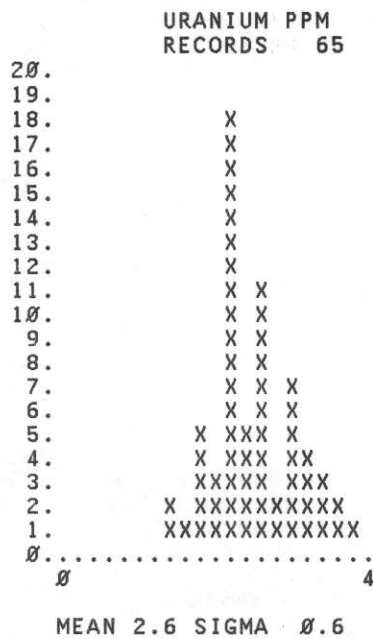
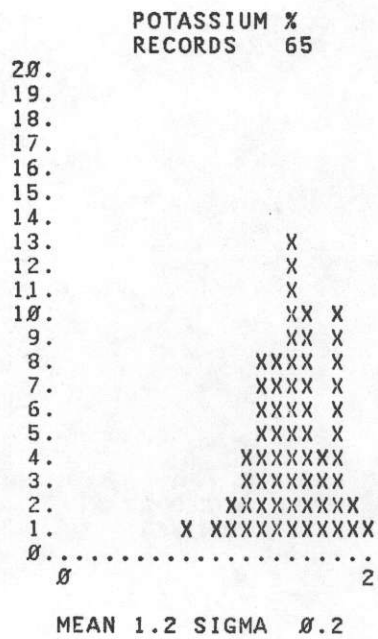
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Ss



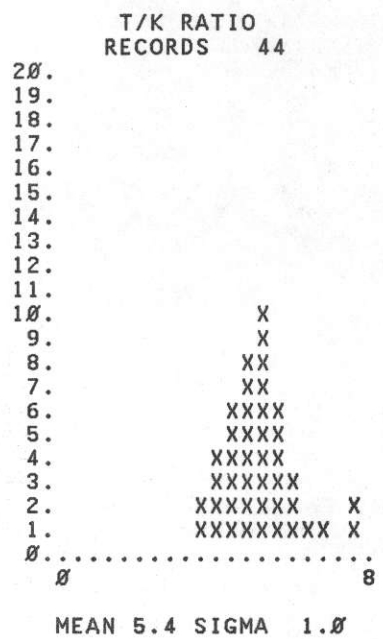
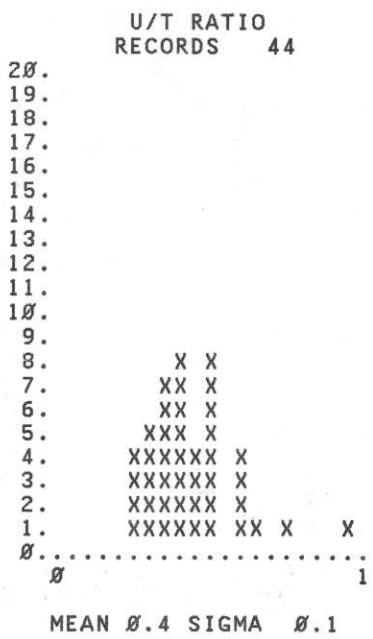
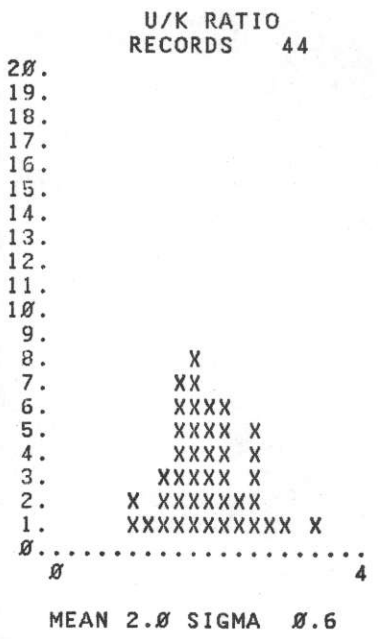
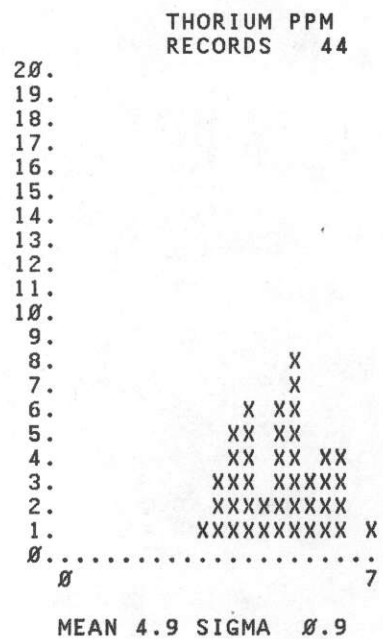
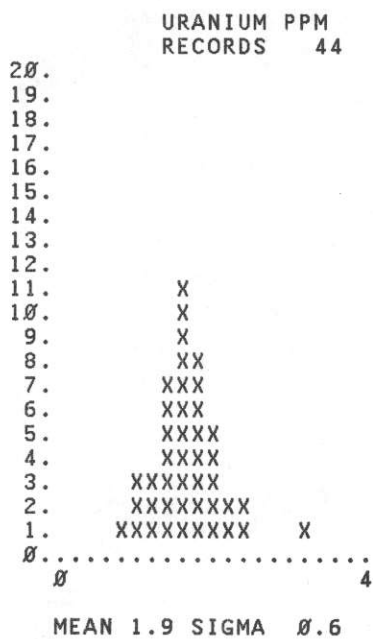
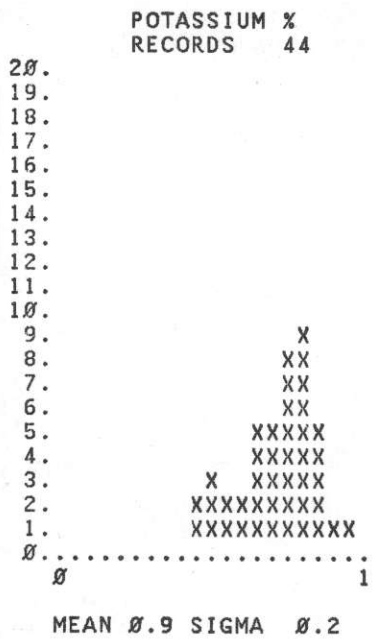
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Sp



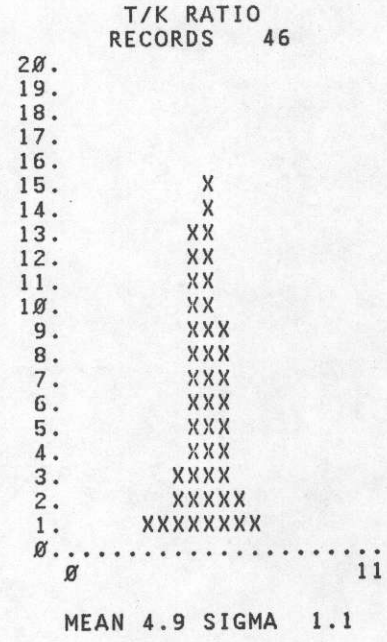
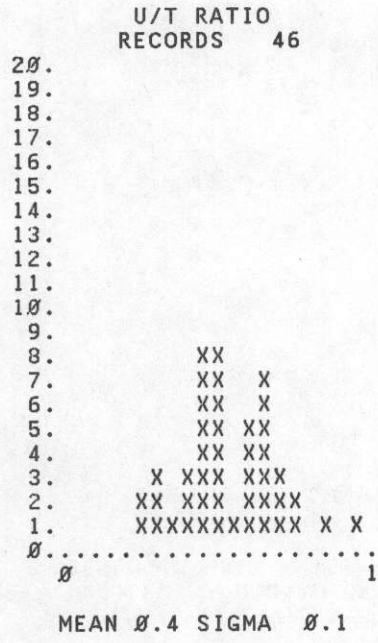
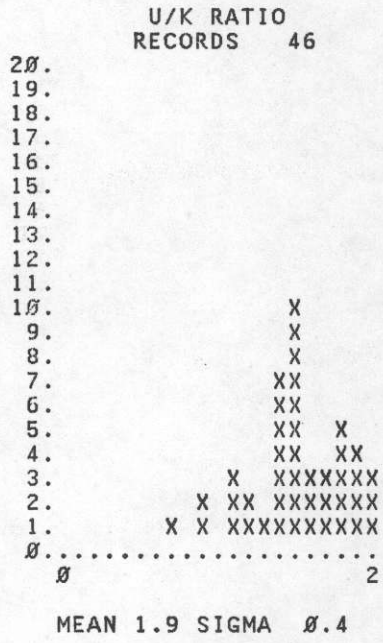
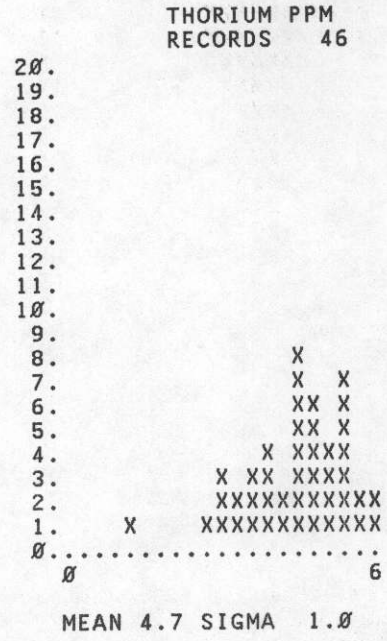
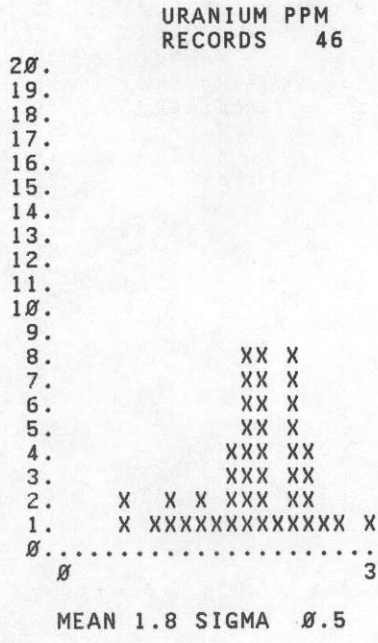
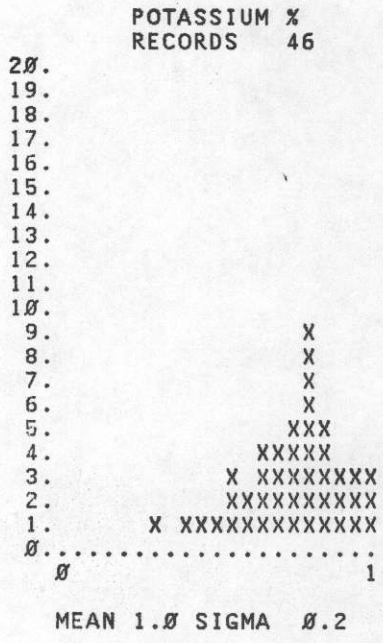
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Ss1



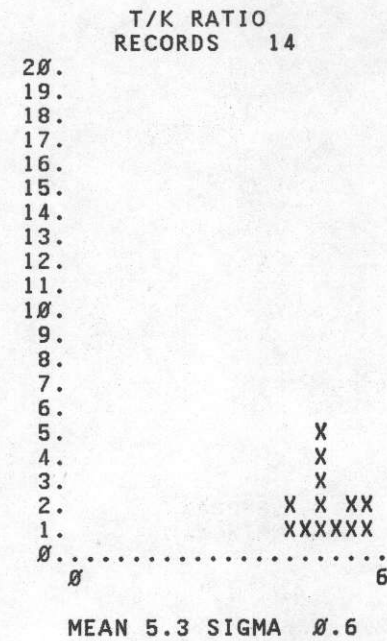
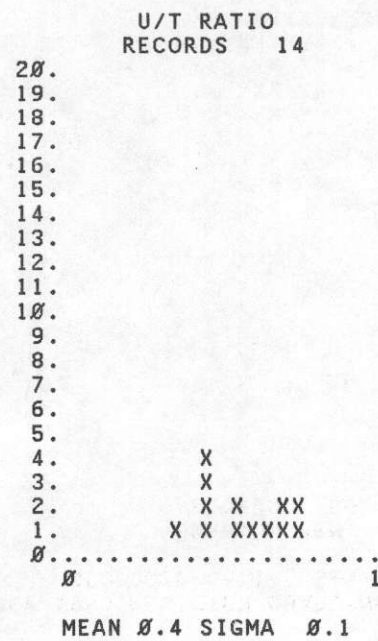
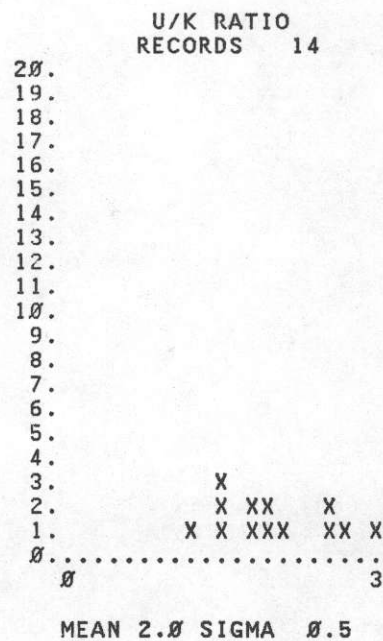
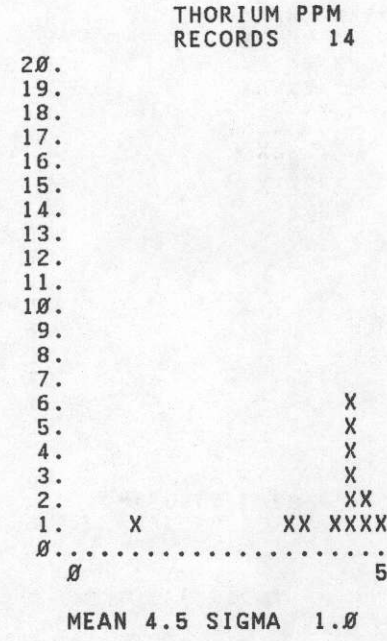
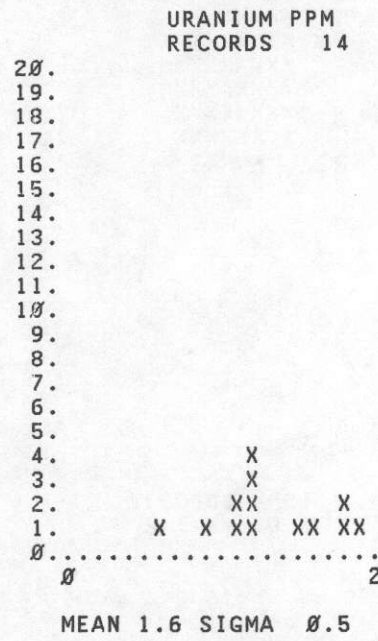
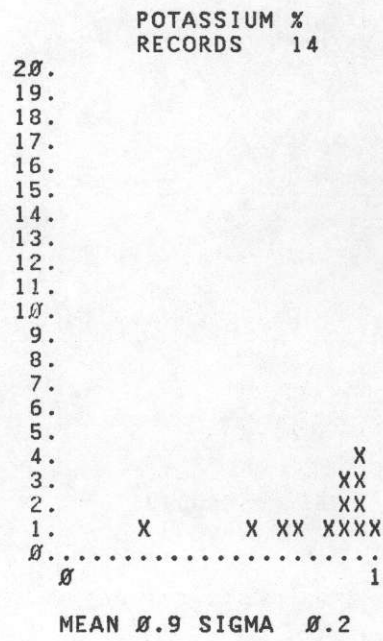
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Sr



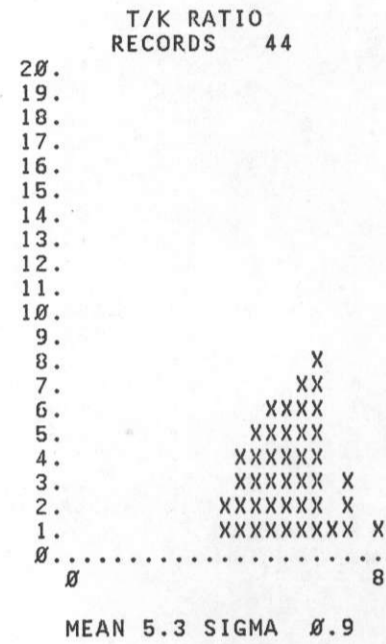
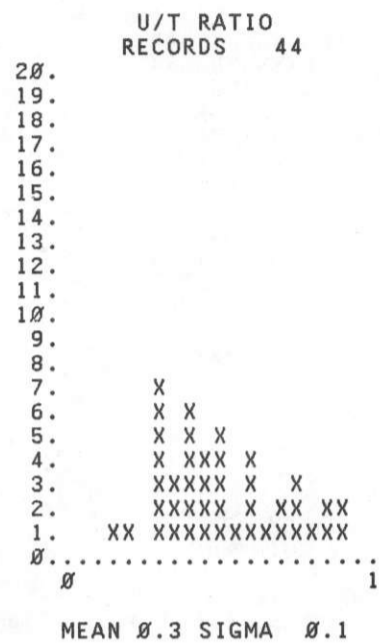
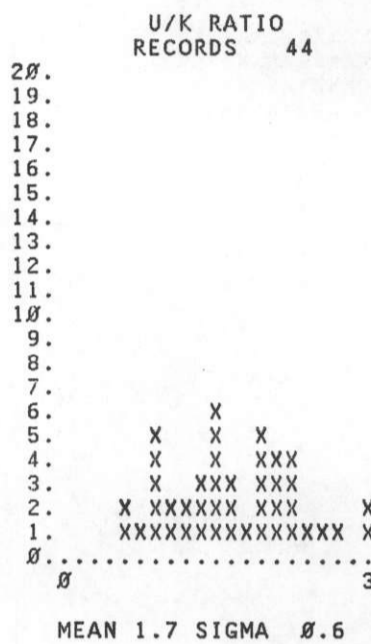
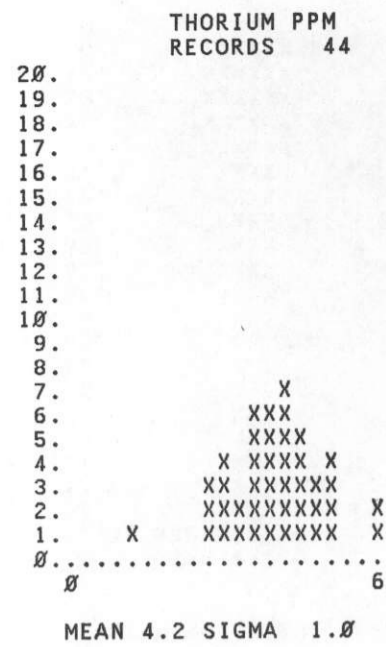
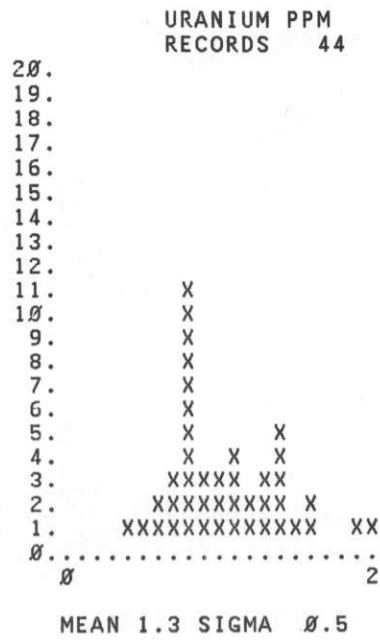
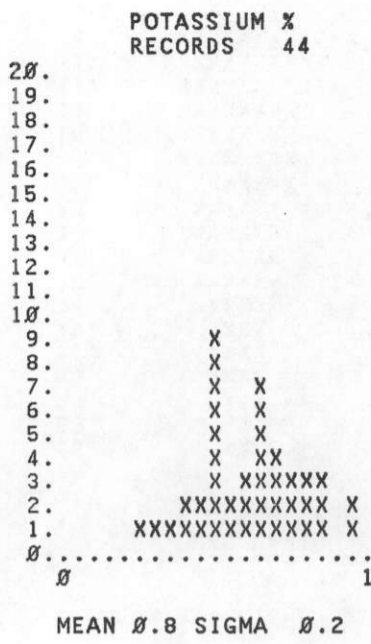
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Srb



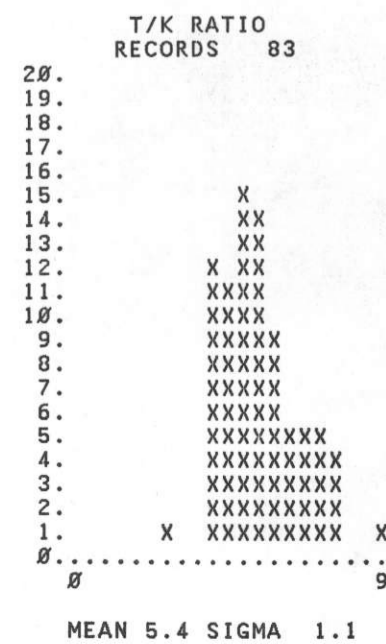
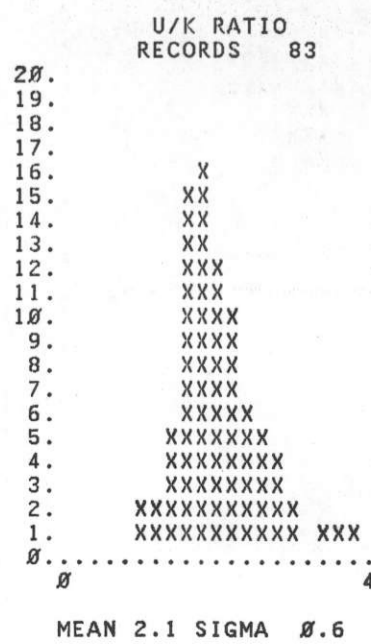
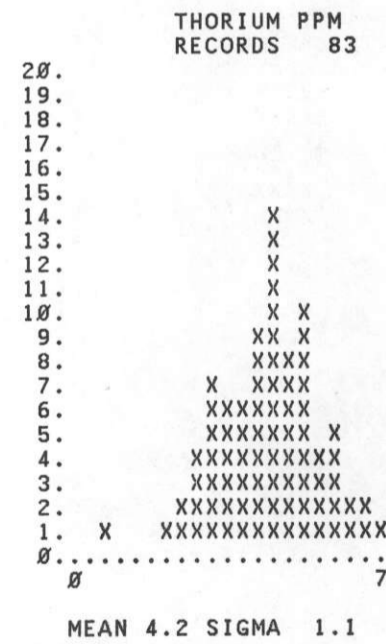
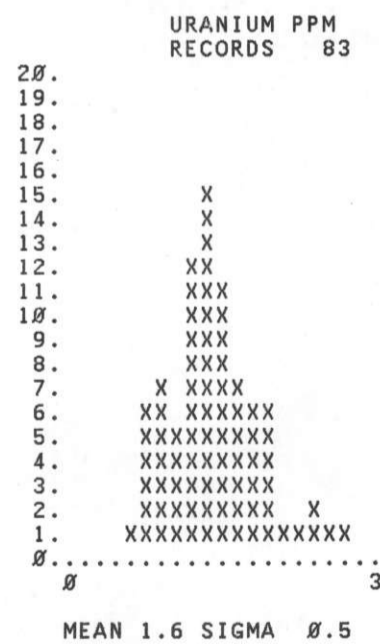
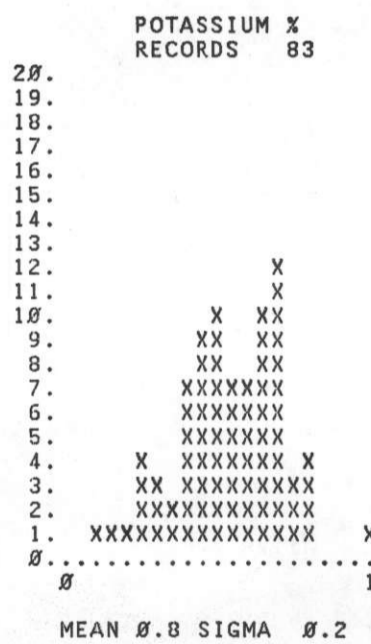
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT SOm



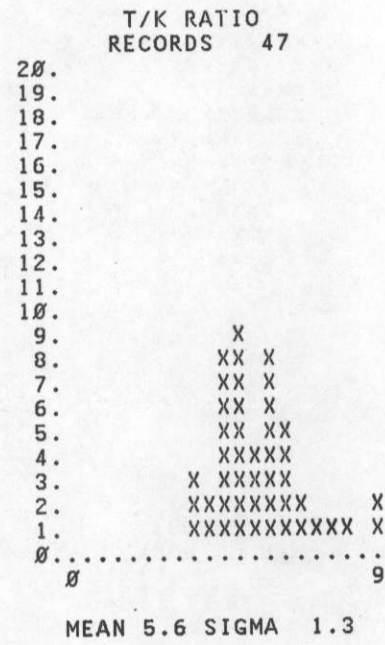
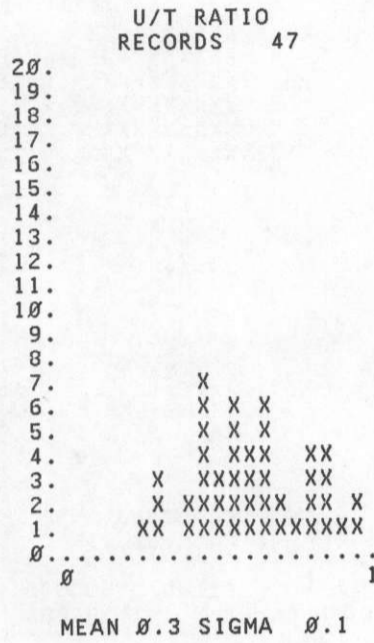
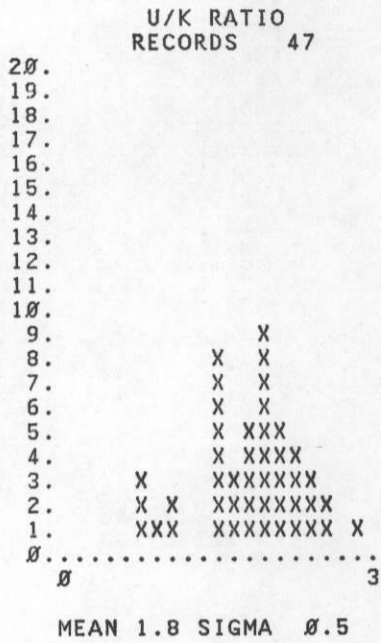
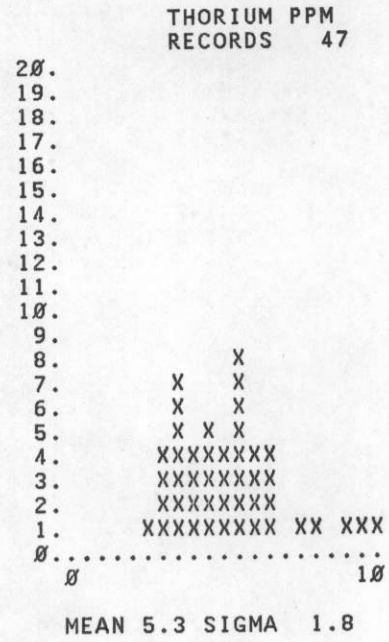
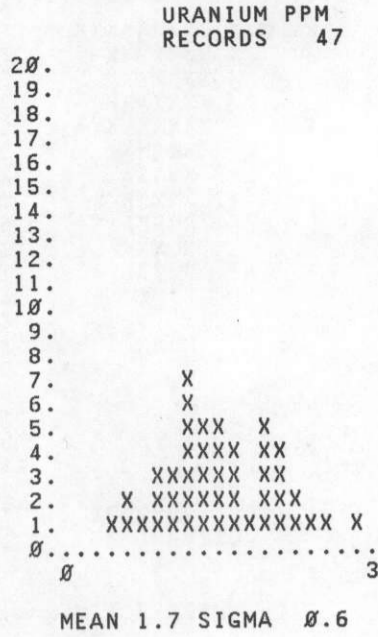
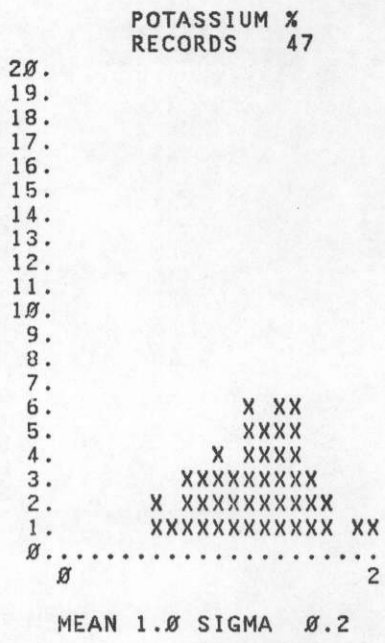
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT SOq



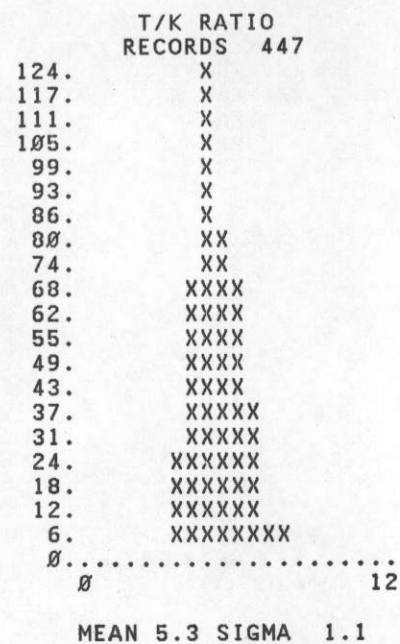
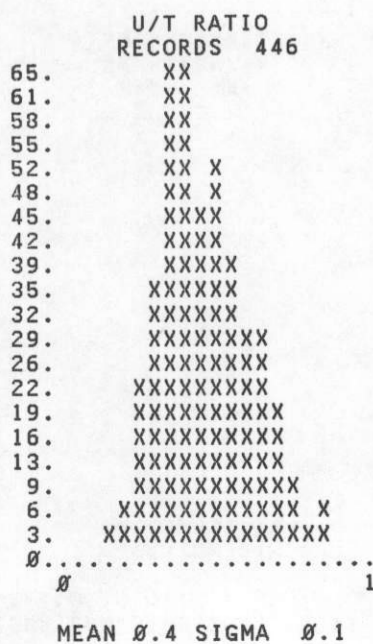
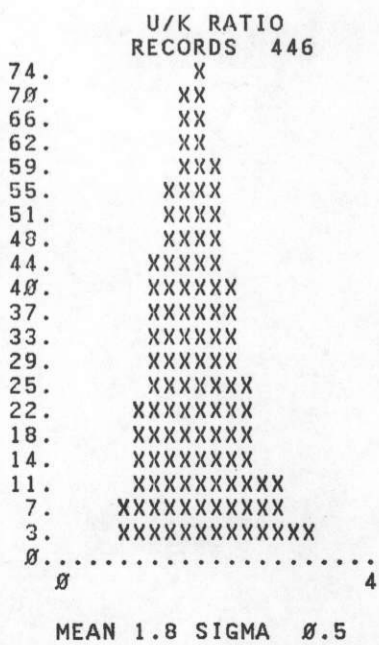
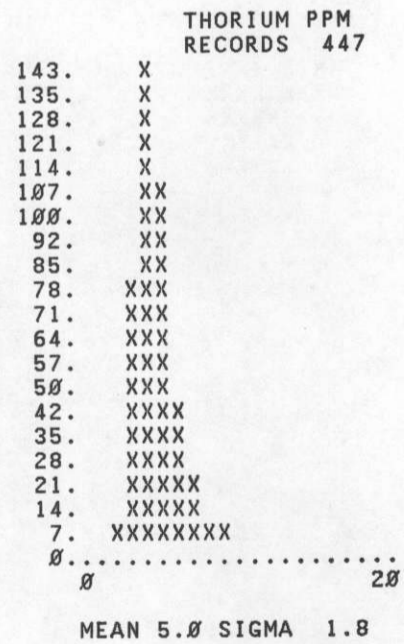
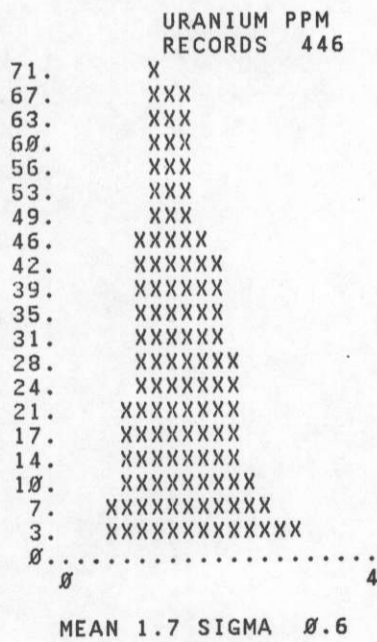
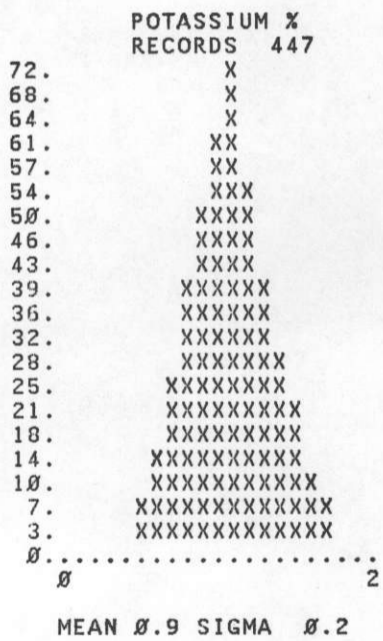
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Oq



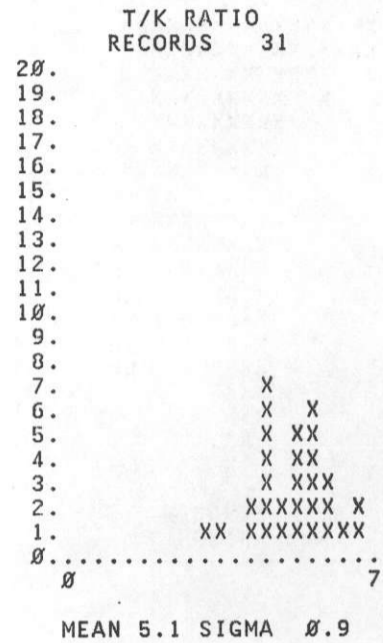
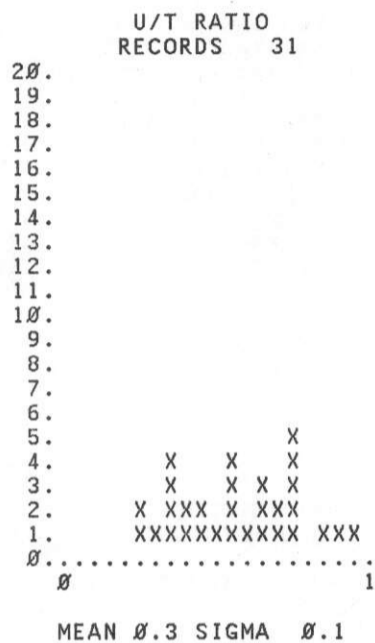
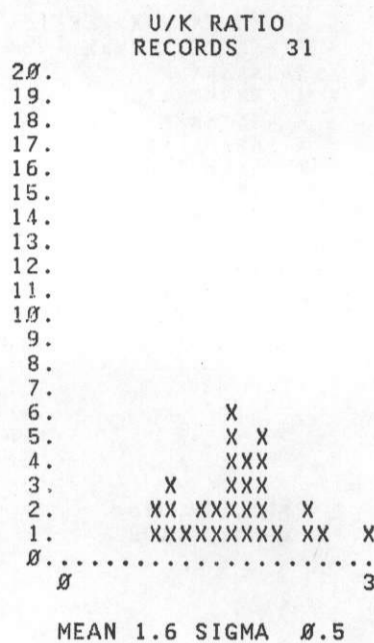
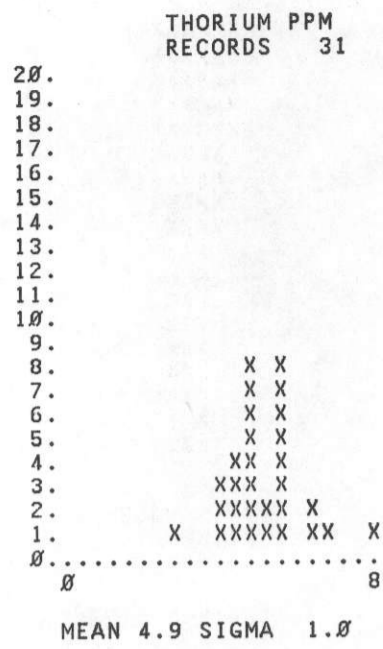
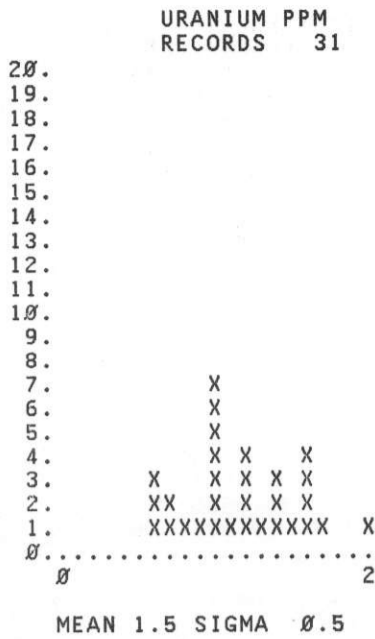
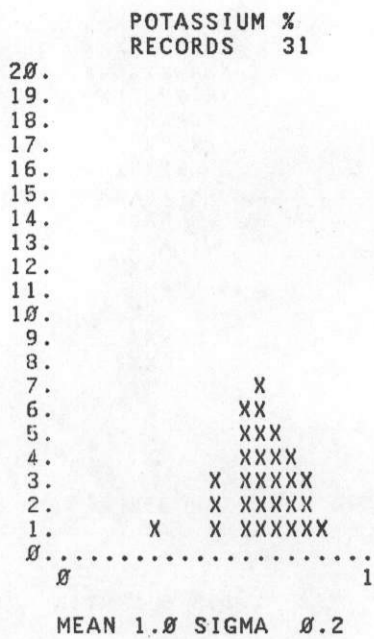
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Od



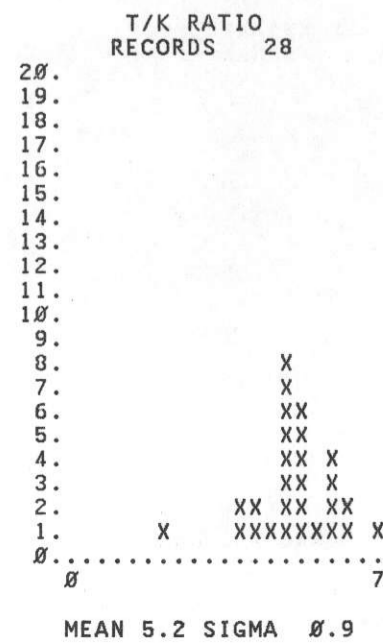
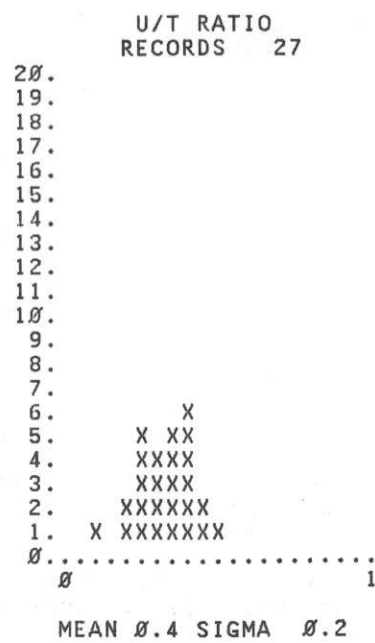
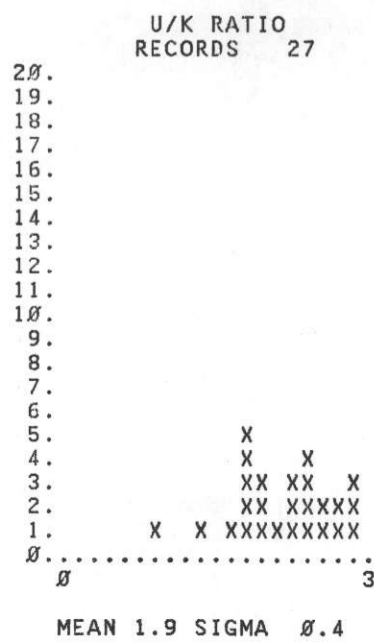
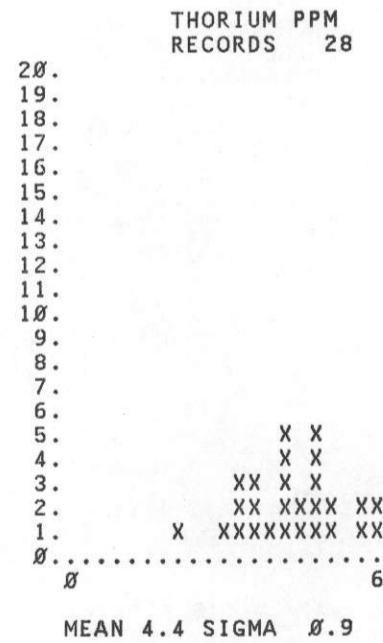
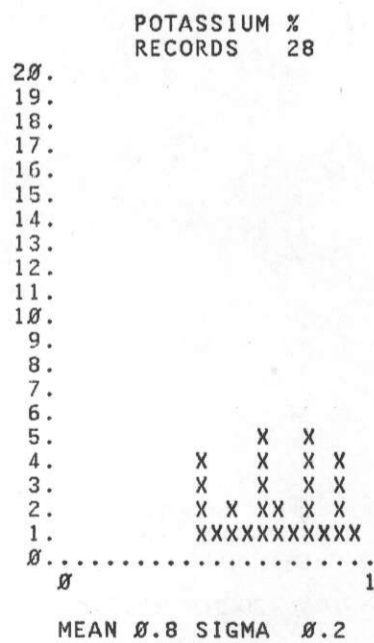
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Oa1



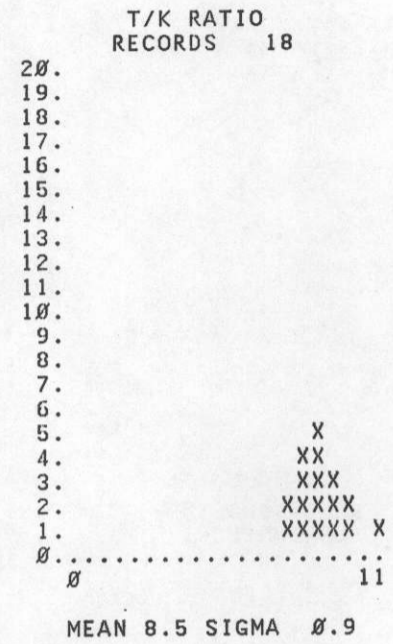
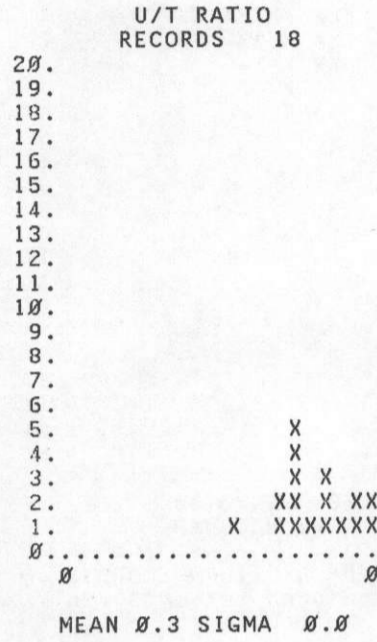
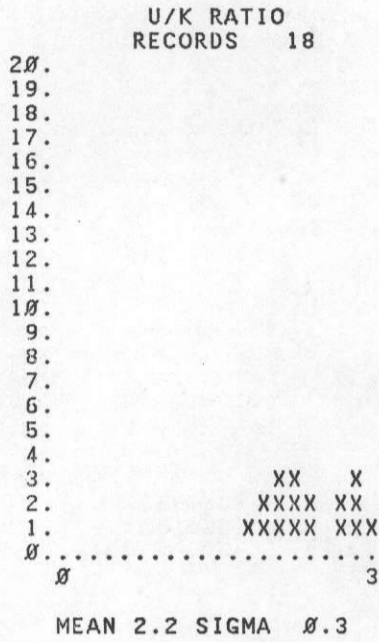
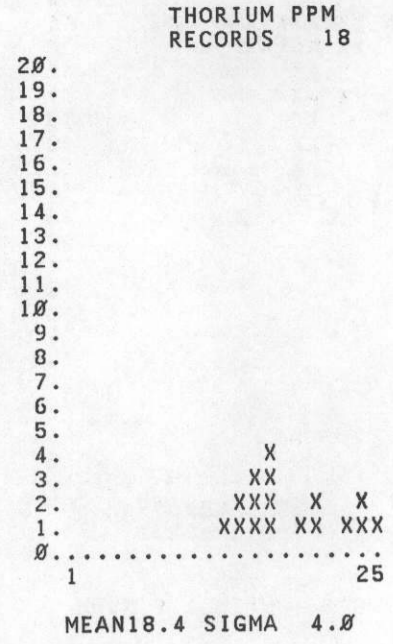
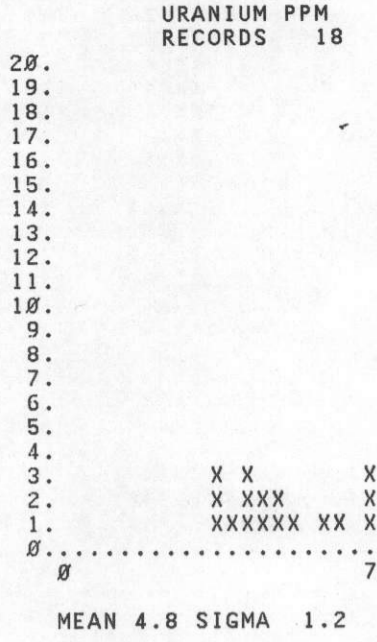
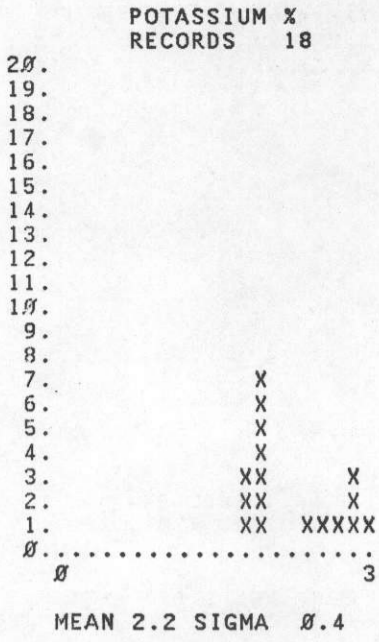
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT COa



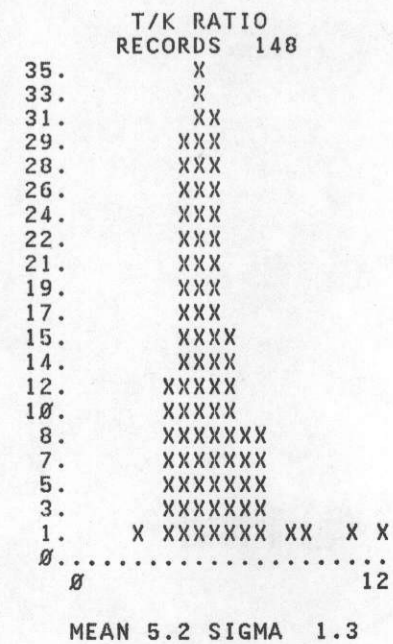
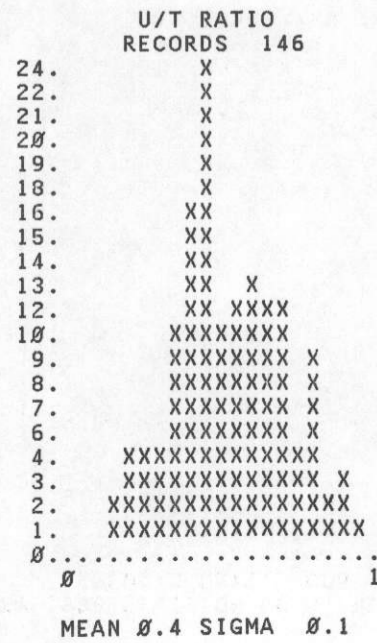
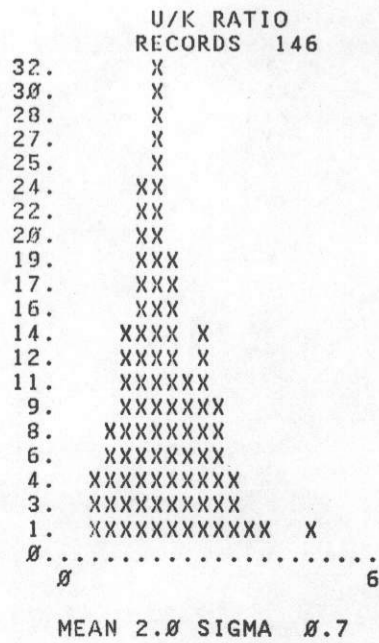
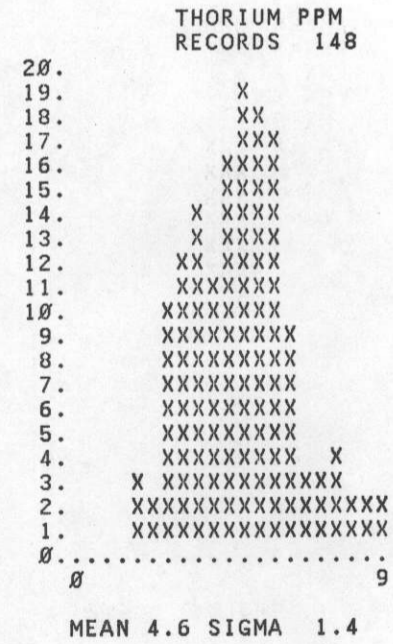
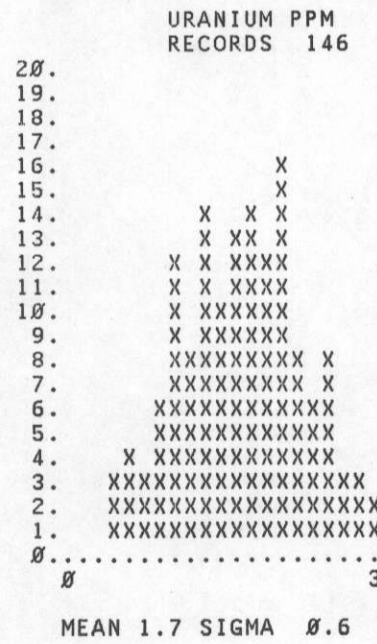
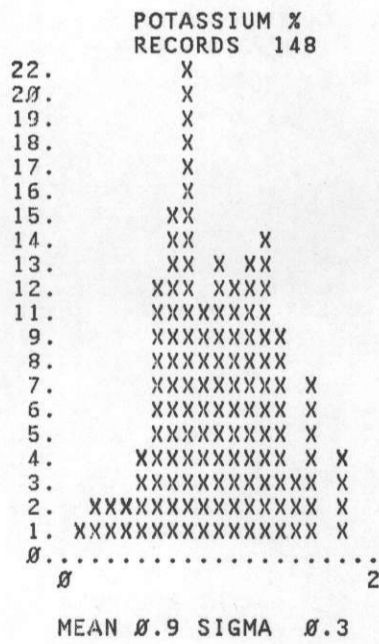
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT COag



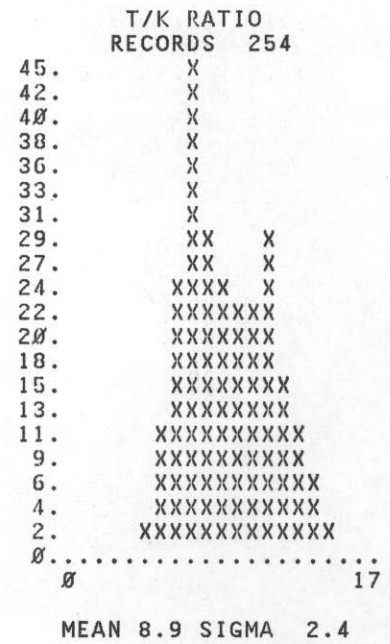
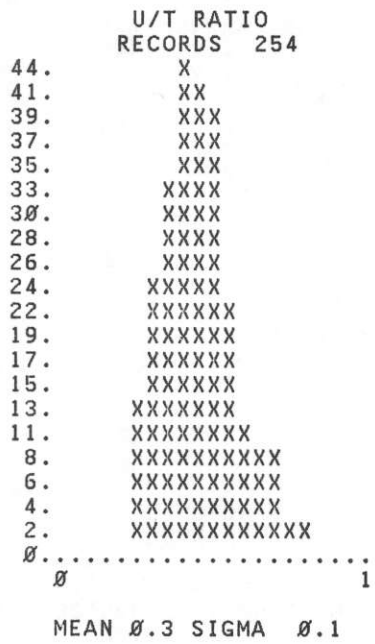
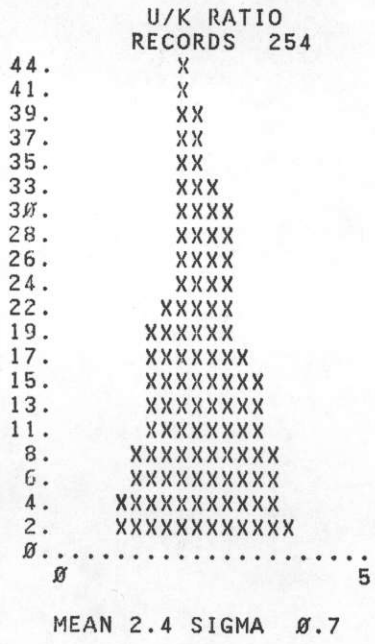
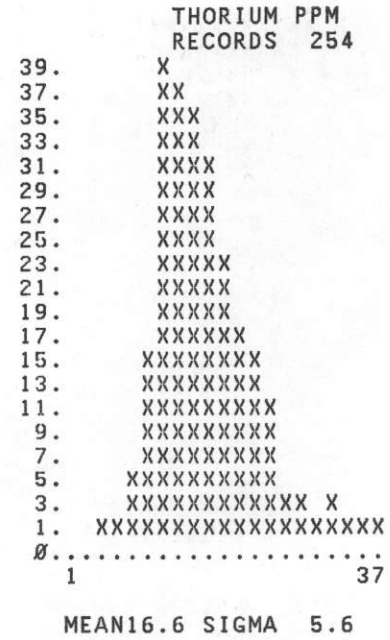
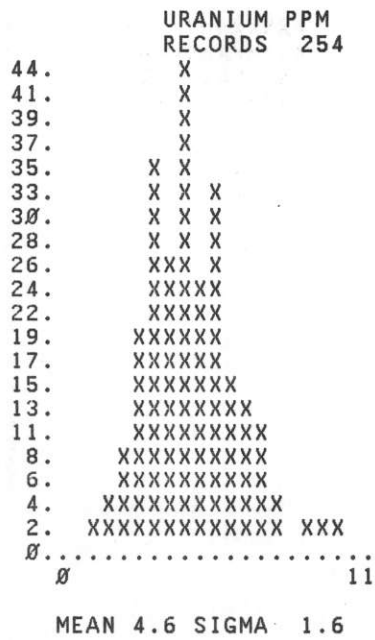
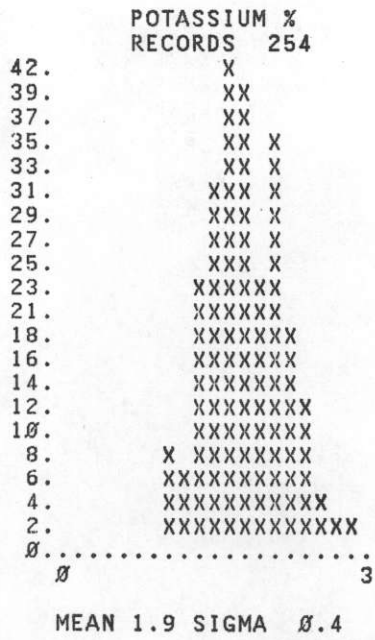
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Mm



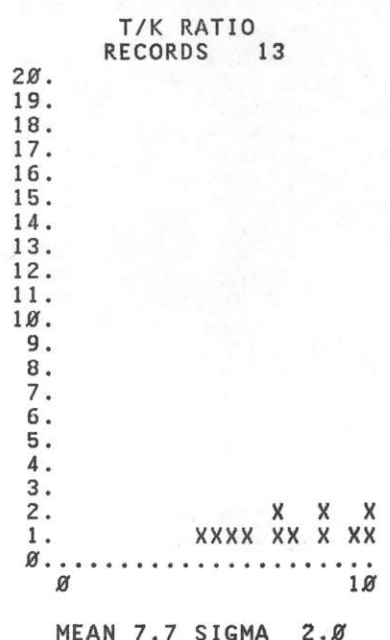
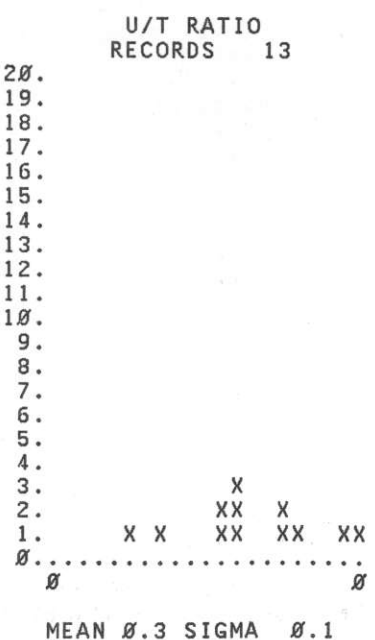
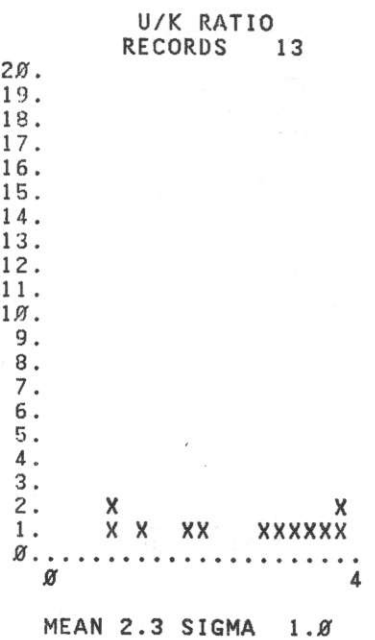
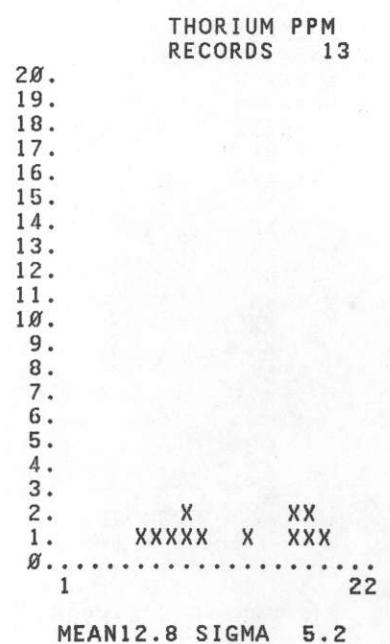
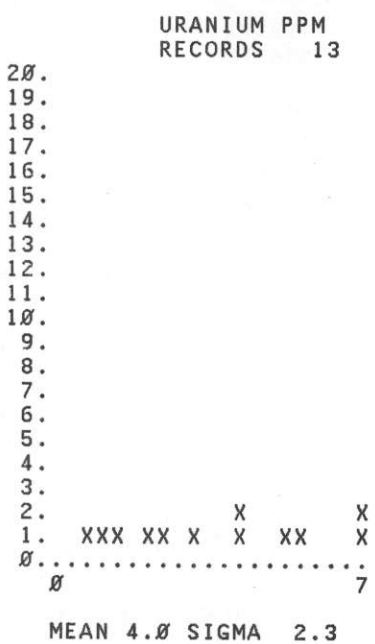
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Oa



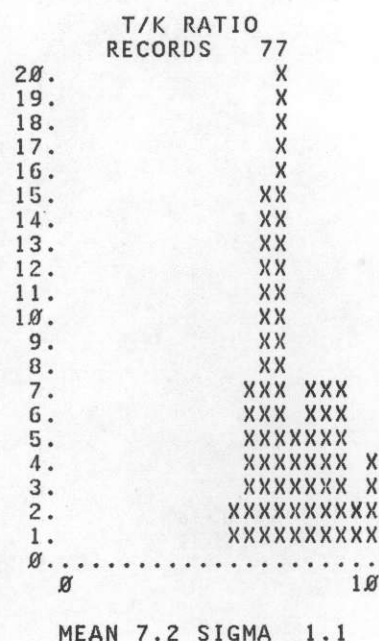
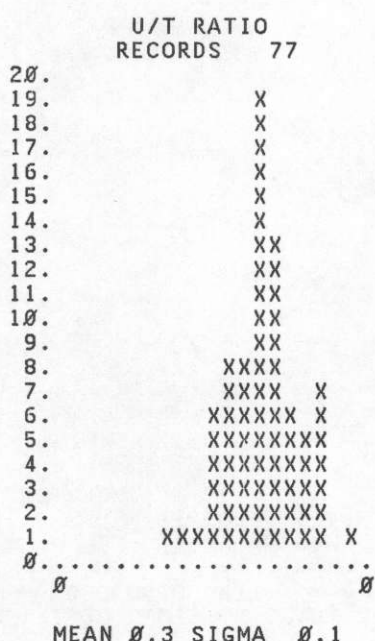
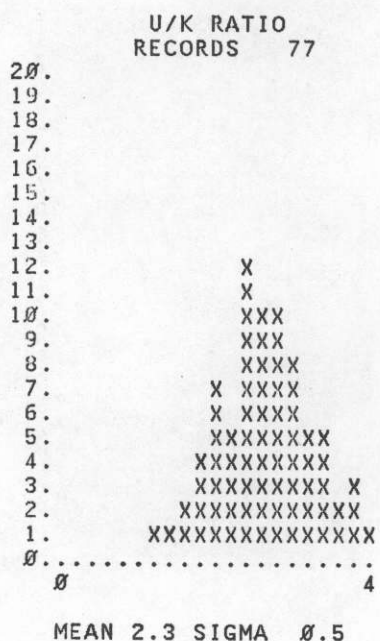
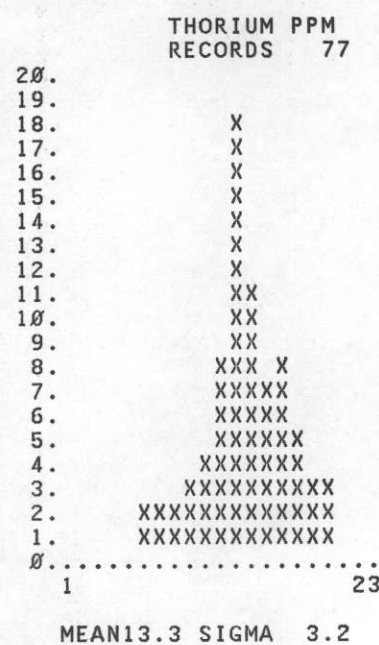
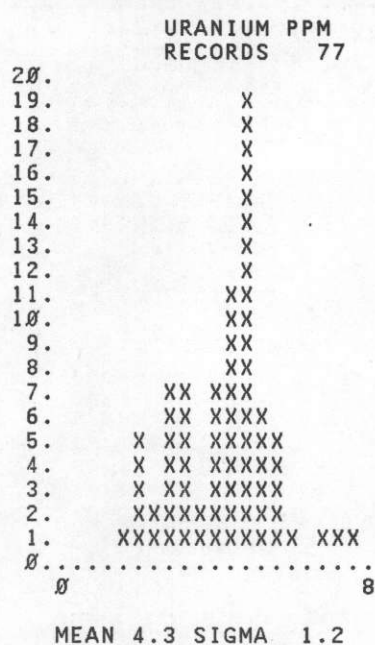
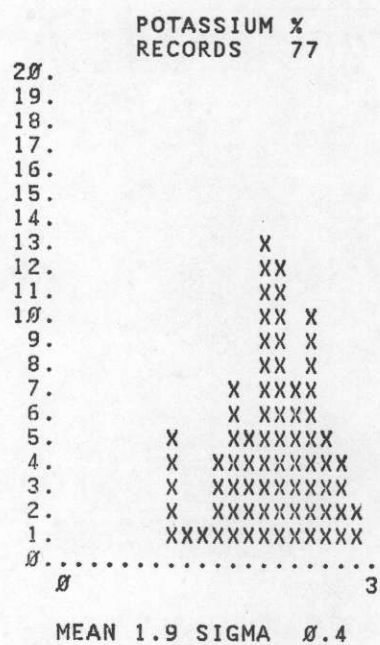
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT cg



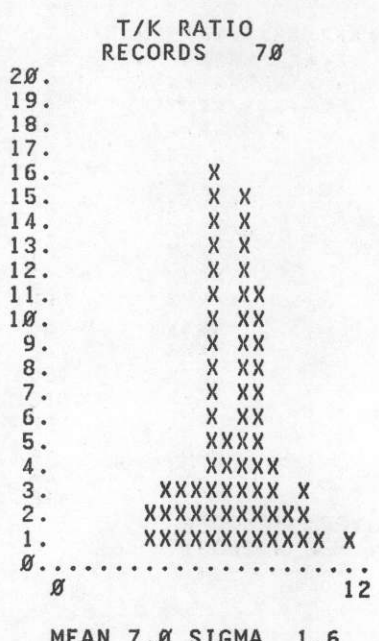
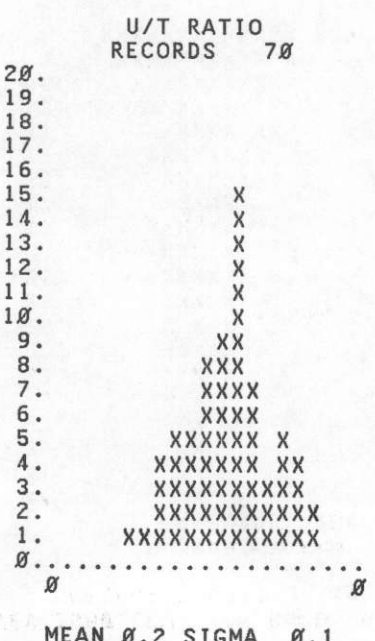
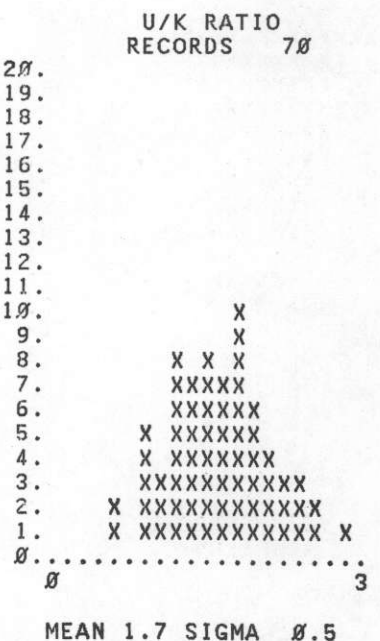
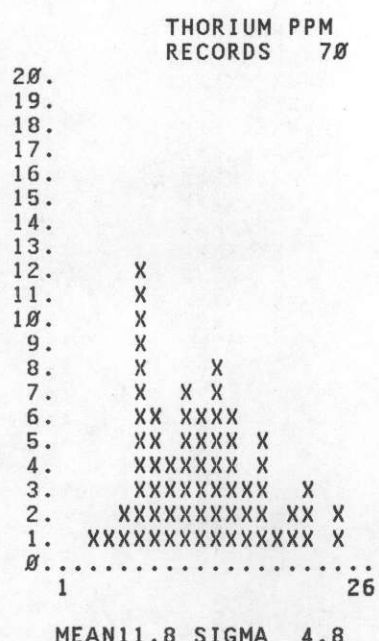
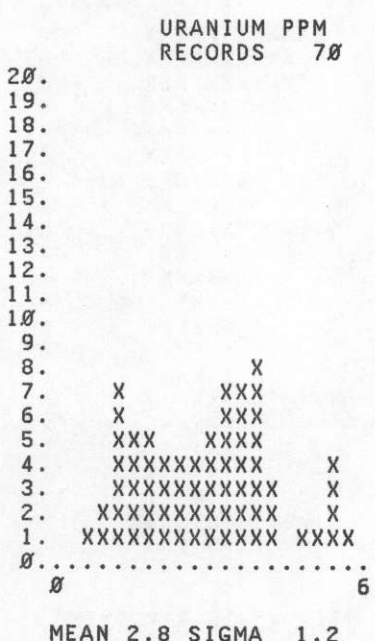
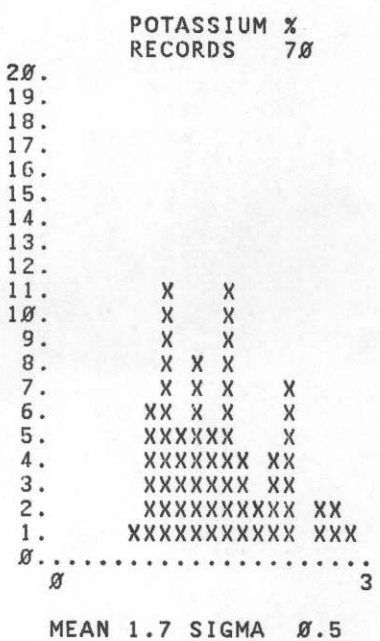
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT rg



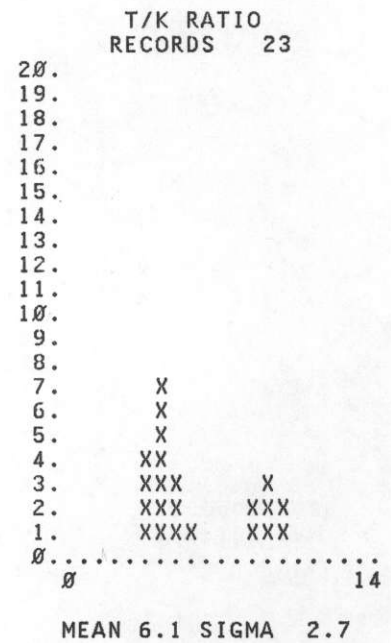
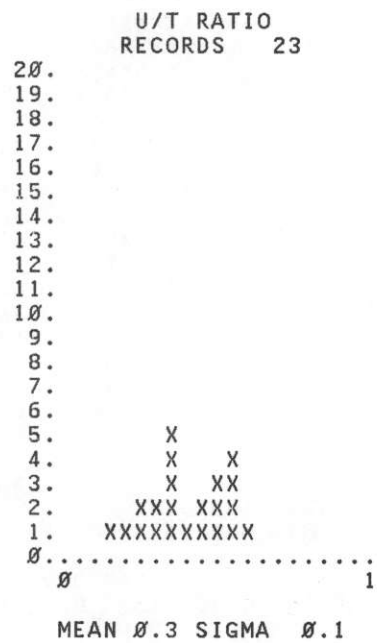
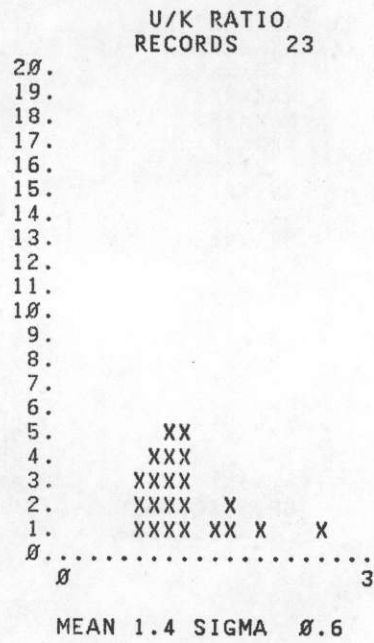
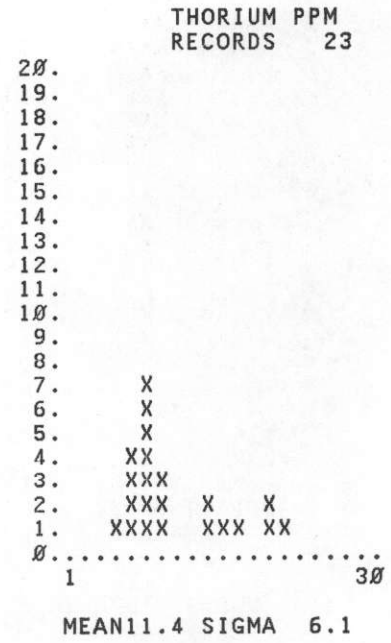
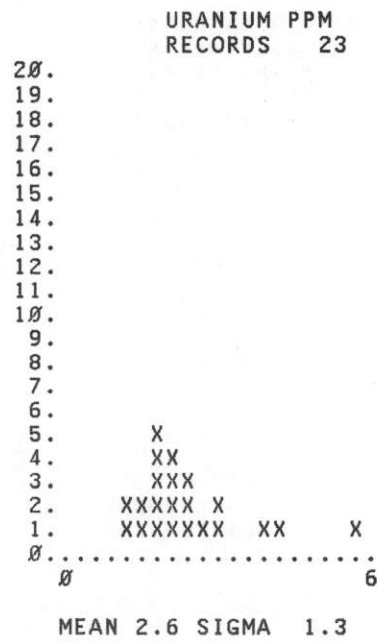
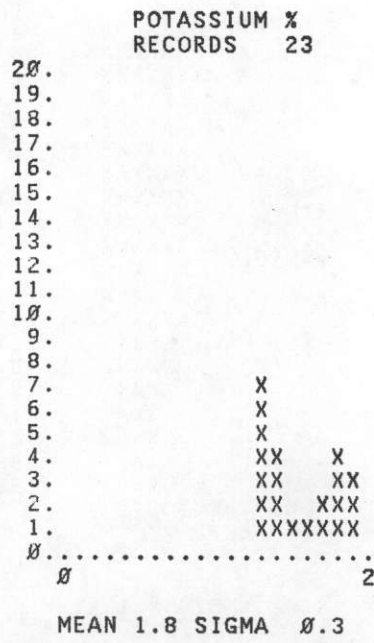
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT mo



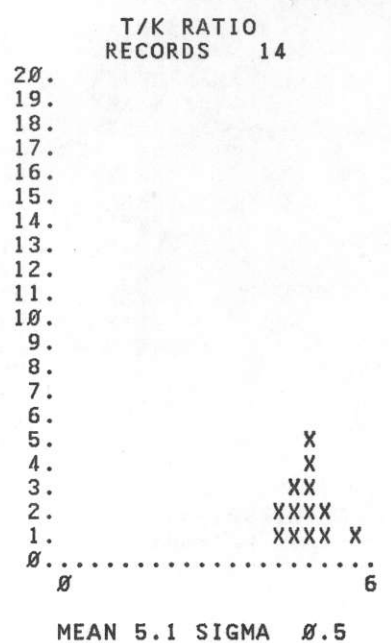
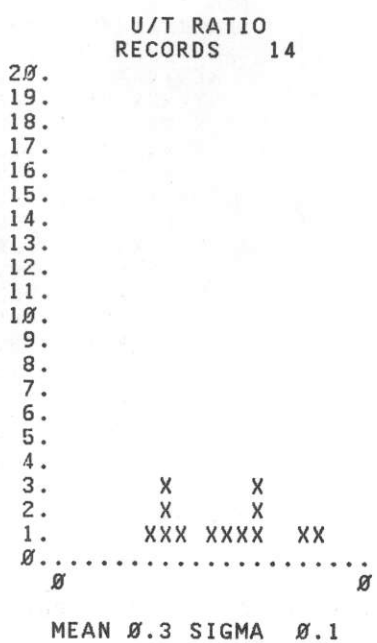
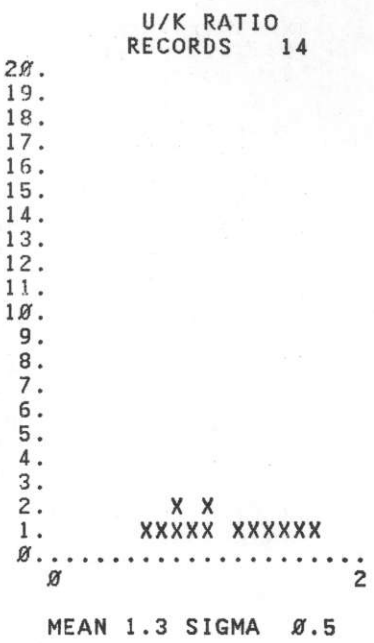
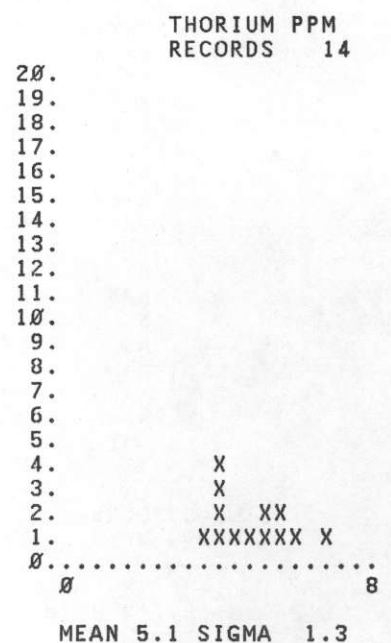
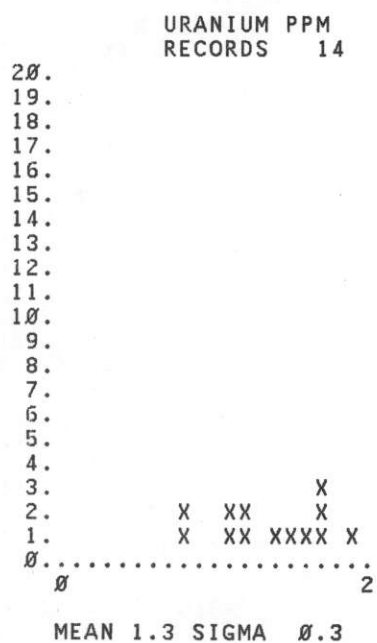
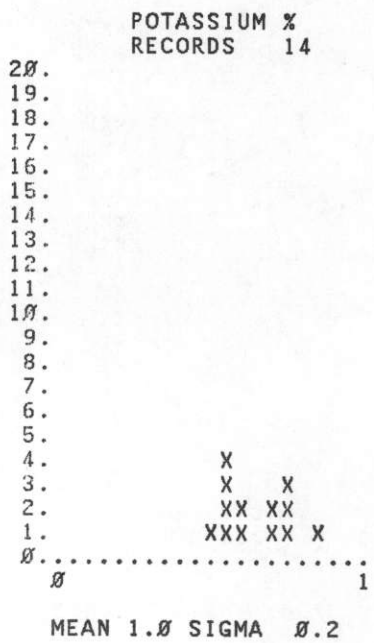
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT qs



MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT sy



MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT qm



MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT big

POTASSIUM %
RECORDS 1317

175. X
166. XX
157. XX
148. XX
140. XXXX
131. XXXXX
122. XXXXX
113. XXXXX
105. XXXXXX
96. XXXXXX
87. XXXXXX
78. XXXXXX
70. XXXXXX
61. XXXXXX
52. XXXXXX
43. XXXXXX
35. XXXXXX
26. XXXXXX
17. XXXXXX
0. XXXXXX

0.....2

MEAN 1.2 SIGMA 0.4

URANIUM PPM
RECORDS 1318

215. X
204. XX
193. XX
182. XX
172. XX
161. XXX
150. XXXX
139. XXXX
129. XXXXX
118. XXXXX
107. XXXXX
96. XXXXXX
86. XXXXXX
75. XXXXXX
64. XXXXXX
53. XXXXXX
43. XXXXXX
32. XXXXXX
21. XXXXXX
10. XXXXXX

0.....8

MEAN 2.4 SIGMA 1.1

THORIUM PPM
RECORDS 1317

239. X
227. X
215. XX
203. XX
191. XXX
179. XXX
167. XXX
155. XXX
143. XXX
131. XXXX
119. XXXXX
107. XXXXX
95. XXXXX
83. XXXXX
71. XXXXX
59. XXXXXX
47. XXXXXX
35. XXXXXX
23. XXXXXX
11. XXXXXX

0.....19

MEAN 6.4 SIGMA 2.9

U/K RATIO
RECORDS 1317

342. X
324. XX
307. XX
290. XX
273. XX
256. XX
239. XX
222. XX
205. XX
180. XXX
171. XXXX
153. XXXX
136. XXXX
119. XXXX
102. XXXX
85. XXXXX
68. XXXXX
51. XXXXX
34. XXXXXX
17. XXXXXX

0.....7

MEAN 1.9 SIGMA 0.7

U/T RATIO
RECORDS 1317

334. X
317. XX
300. XX
283. XX
267. XX
250. XX
233. XX
217. XX
200. XX
183. XXX
167. XXXX
150. XXXX
133. XXXX
116. XXXXX
100. XXXXX
83. XXXXX
66. XXXXX
50. XXXXX
33. XXXXXX
16. XXXXXX

0.....2

MEAN 0.4 SIGMA 0.2

T/K RATIO
RECORDS 1317

330. X
313. X
297. XX
280. XX
264. XX
247. XX
231. XX
214. XXX
198. XXXX
181. XXXX
165. XXXX
148. XXXX
132. XXXX
115. XXXX
99. XXXXX
82. XXXXX
66. XXXXX
49. XXXXXX
33. XXXXXX
16. XXXXXX

0.....17

MEAN 5.1 SIGMA 1.5

MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT kqm

POTASSIUM %
RECORDS 138

28. X
26. X
25. X
23. X
22. X
21. X X
19. XX X
18. XX X
16. XXX X
15. XXX X
14. XXX X
12. XXXXX
11. XXXXX
9. XXXXX
8. XXXXX
7. XXXXXX X
5. XXXXXX X
4. XXXXXX X
2. XXXXXXXXXXXX
1. XXXXXXXXXXXX

0.....2

MEAN 1.4 SIGMA 0.3

URANIUM PPM
RECORDS 138

39. X
37. XX
35. XX
33. XX
31. XX
29. XX
27. XXX
25. XXX
23. XXX
21. XXX
19. XXX
17. XXX
13. XXX
11. XXX
9. XXXX
7. XXXX
5. XXXXXX
3. XXXXXX
1. XXXXXXXXXXXX X

0.....10

MEAN 2.5 SIGMA 1.3

THORIUM PPM
RECORDS 138

43. X
40. X
38. X
36. X
34. XX
32. XX
30. XX
27. XX
25. XX
23. XX
21. XX
19. XXX
17. XXX
15. XXX
12. XXX
10. XXXX
8. XXXX
6. XXXX
4. XXXXXX
2. XXXXXXXXXXXX X

0.....33

MEAN 8.3 SIGMA 5.1

U/K RATIO
RECORDS 138

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

0.....5

MEAN 1.7 SIGMA 0.6

U/T RATIO
RECORDS 138

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

0.....1

MEAN 0.3 SIGMA 0.1

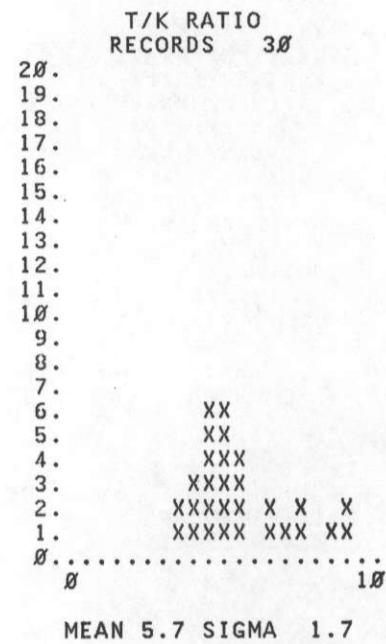
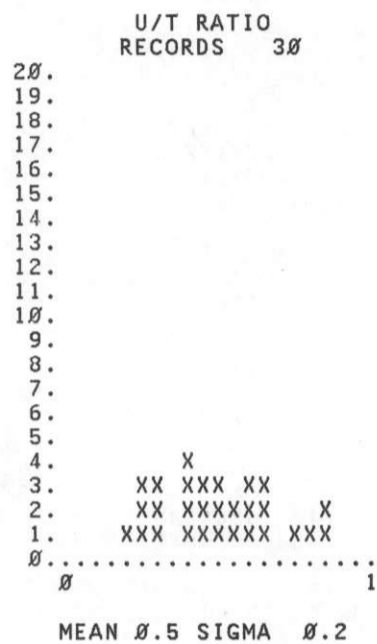
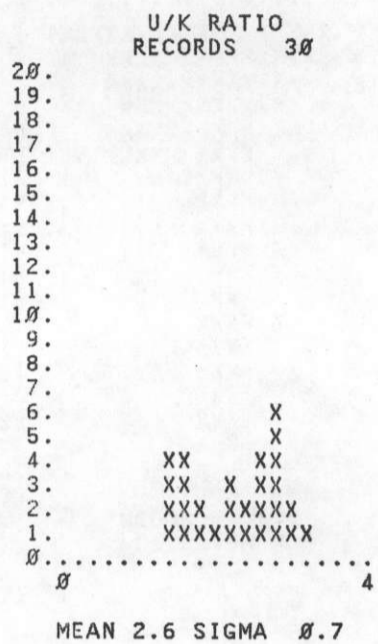
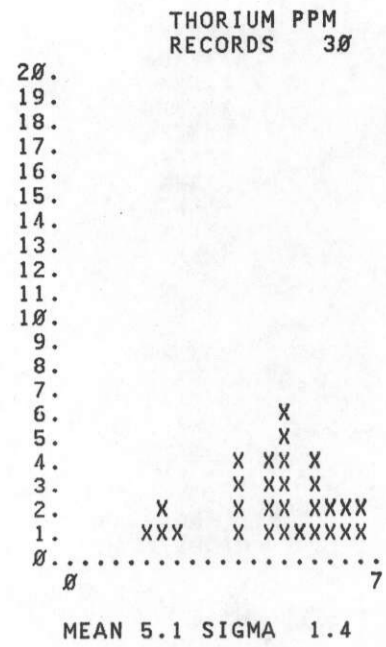
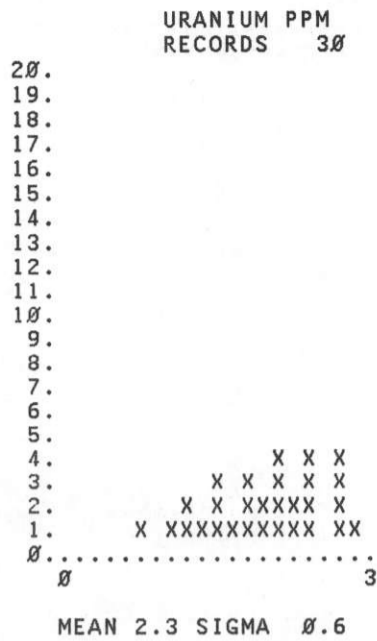
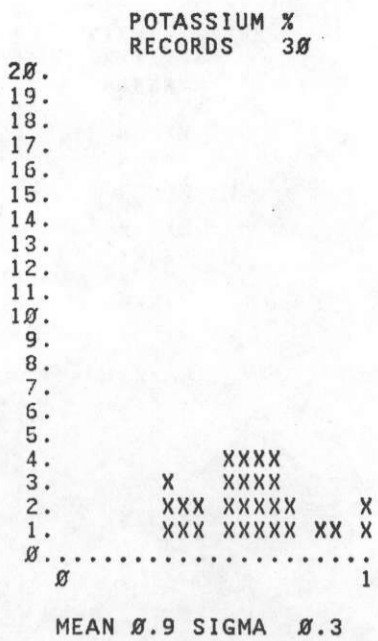
T/K RATIO
RECORDS 138

54. X
51. X
48. X
45. X
43. X
40. X
37. X
35. X
32. X
29. X
27. X
24. XX
21. XX
18. XX
16. XX
13. XXX
10. XXX
8. XXXXX
5. XXXX X X
2. XXXXXXXXXXXX X

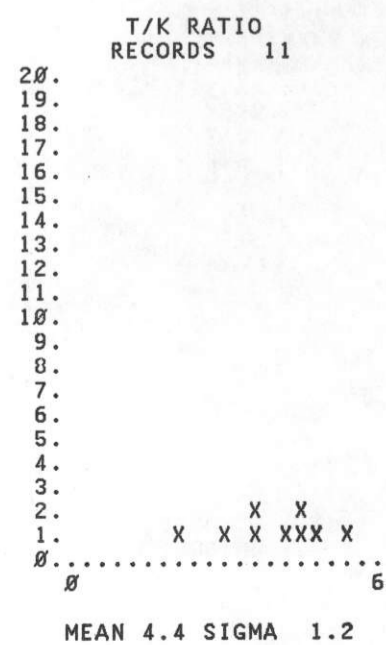
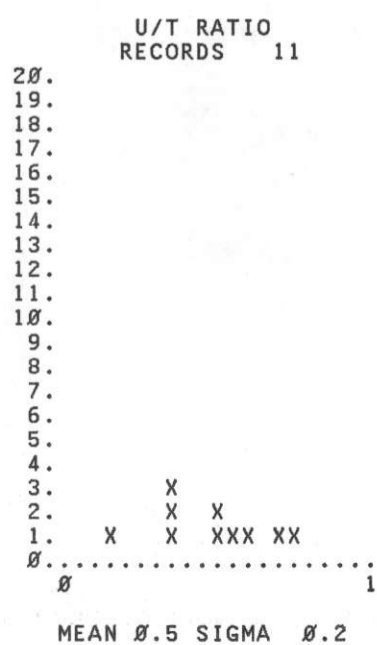
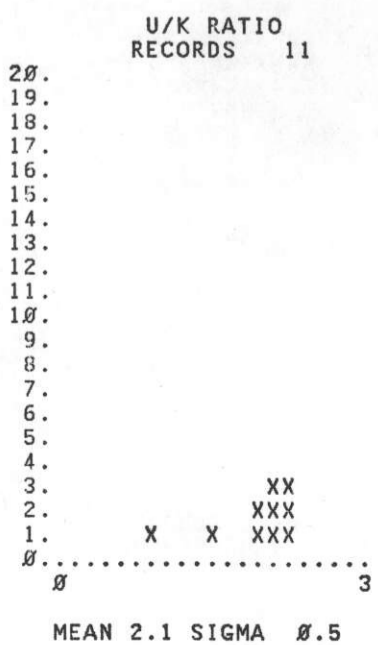
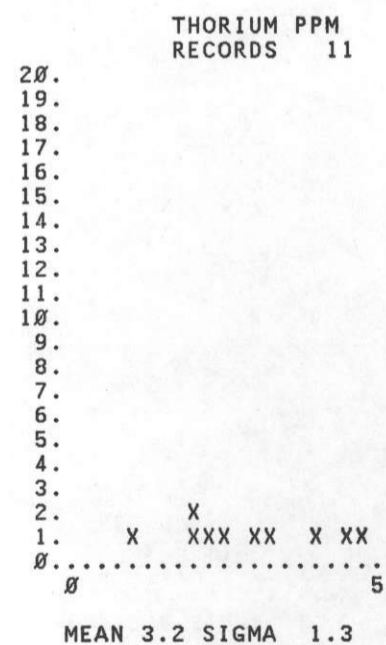
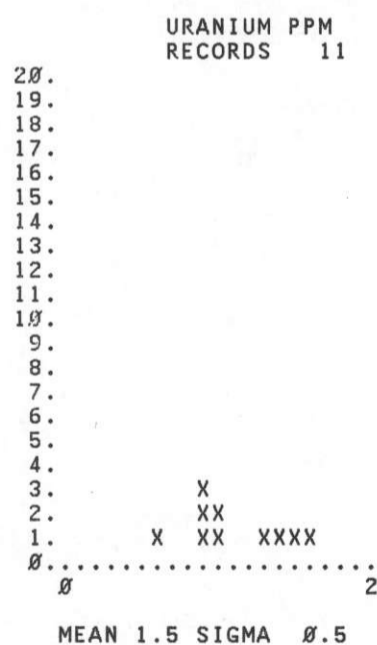
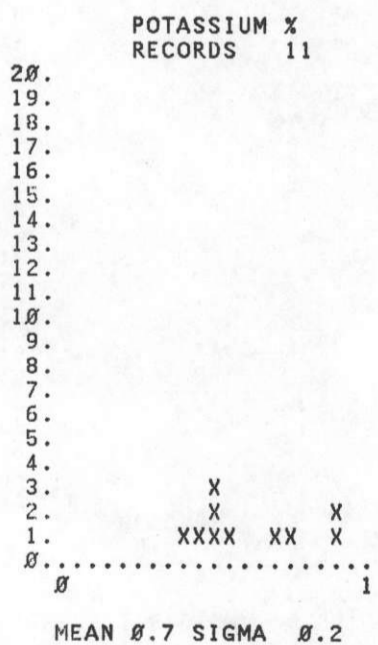
0.....15

MEAN 5.6 SIGMA 2.4

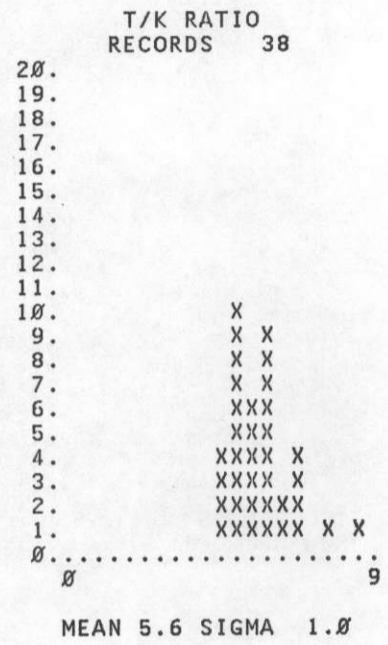
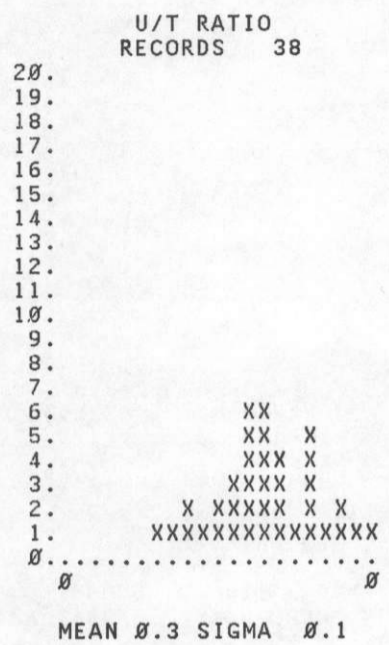
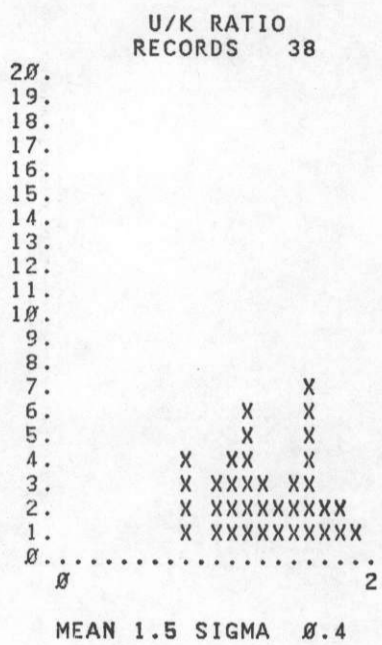
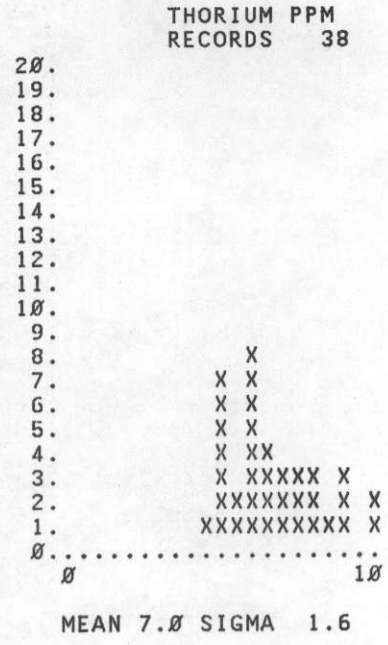
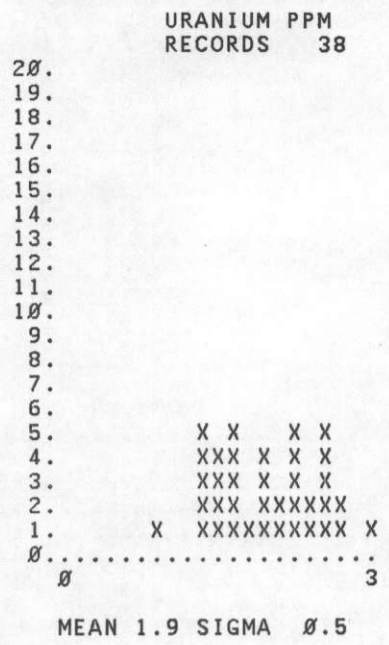
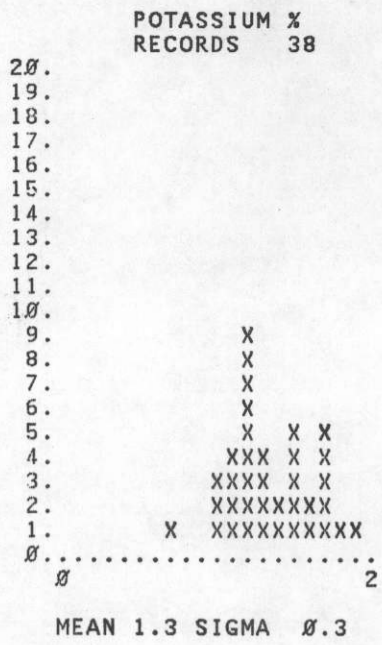
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT qd



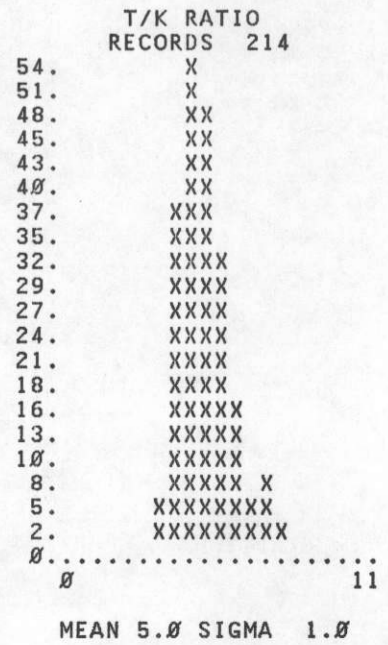
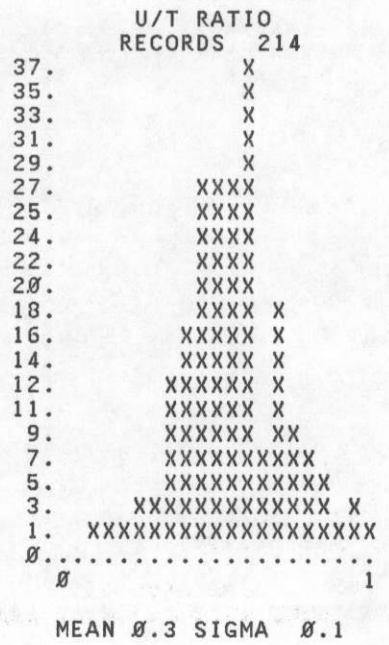
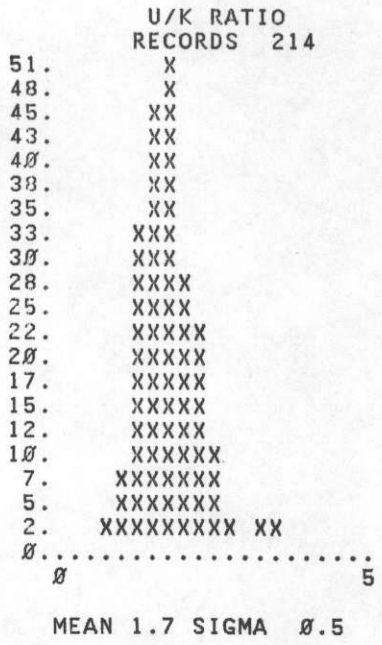
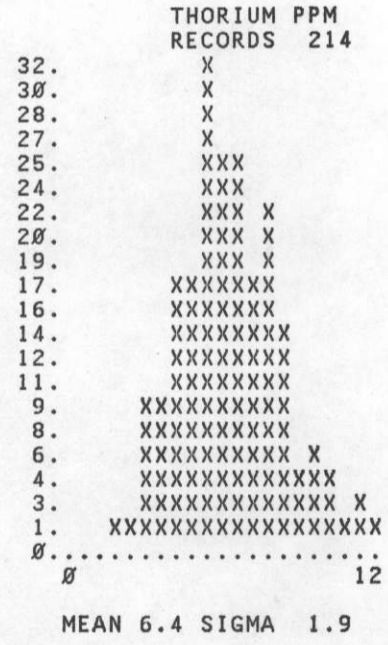
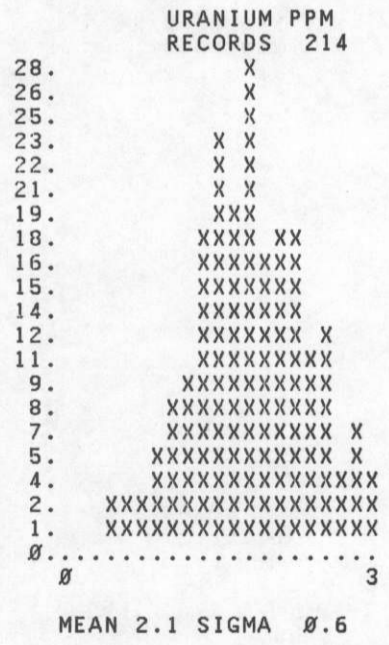
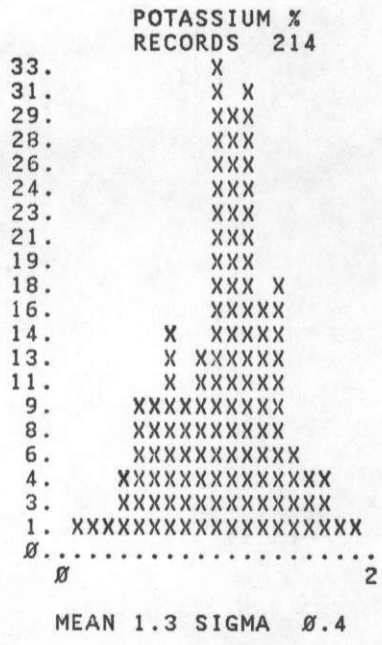
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Dga



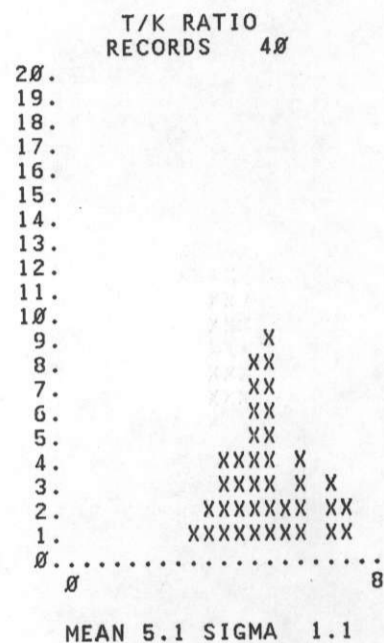
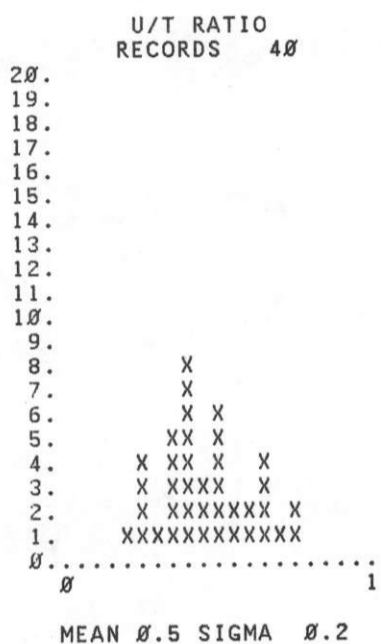
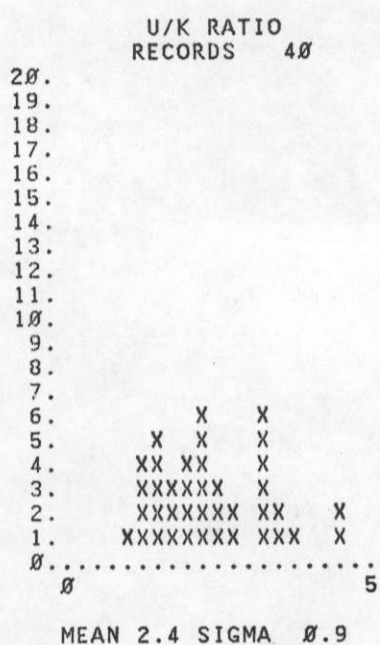
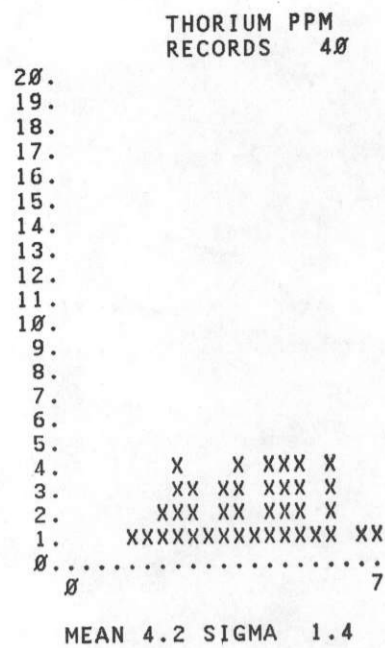
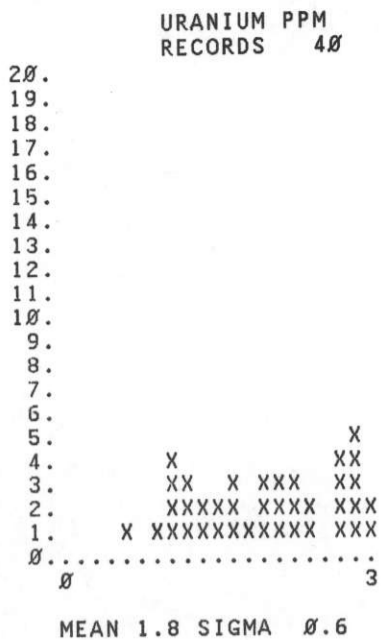
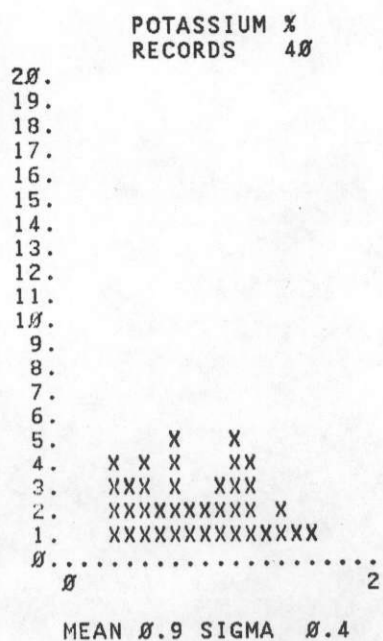
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT o1s



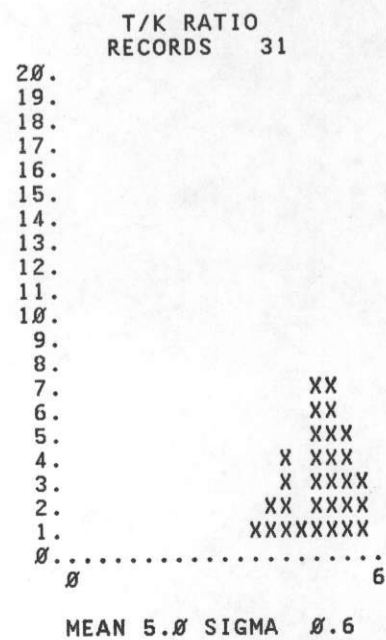
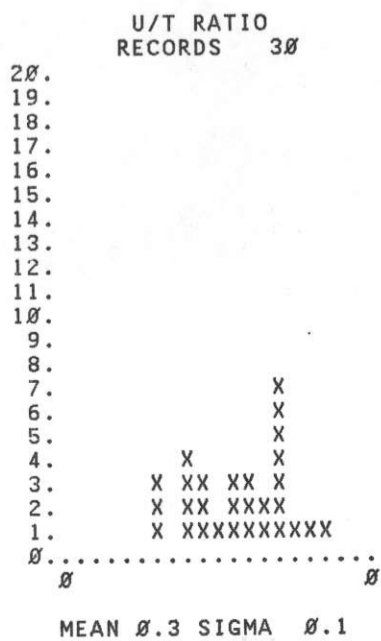
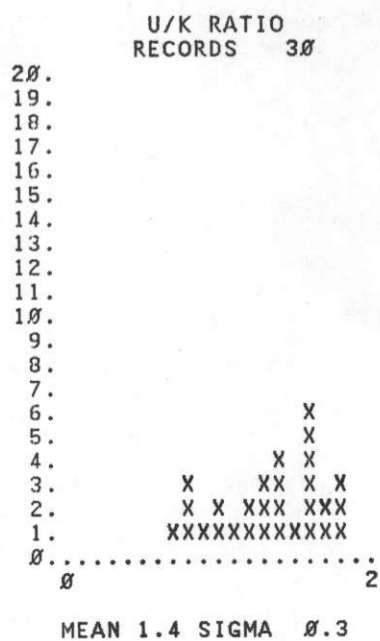
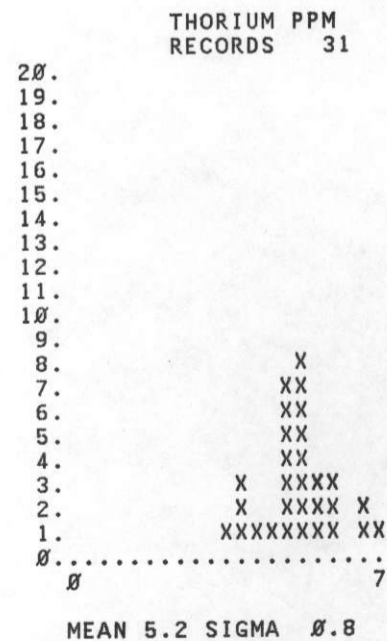
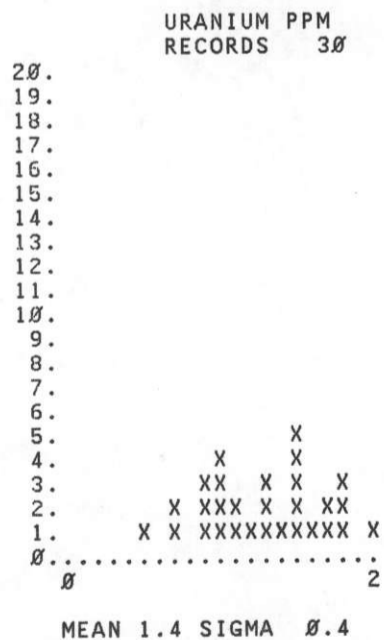
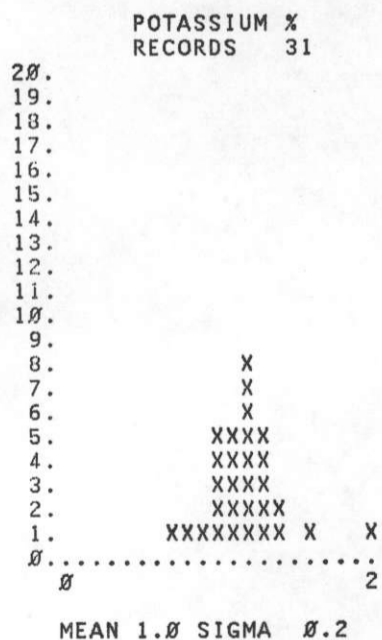
MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT o1



MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT Dgn



MAINE SURVEY 1980, LEWISTON QUAD, NL19-10
GEOLOGIC UNIT h



MAINE SURVEY 1980, LEWISTON QUAD, NL19-10

SUMMARY OF GEOLOGIC UNITS BY LINE 450

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.
101.	Q	69.0	1.0	0.4	1.7	0.6	5.3	2.0	1.6	0.4	0.3	0.1	5.2	1.2
301.	Dw	20.0	0.8	0.2	1.6	0.4	3.0	0.8	2.0	0.5	0.6	0.3	3.9	0.9
302.	Dg	41.0	0.9	0.1	1.3	0.4	4.0	0.7	1.5	0.5	0.3	0.1	4.6	0.8
308.	Dl	11.0	1.1	0.1	1.9	0.3	5.1	0.7	1.8	0.3	0.4	0.1	4.8	0.6
309.	Dlv	8.0	0.7	0.1	1.6	0.3	3.9	1.1	2.2	0.6	0.4	0.1	5.2	0.7
314.	Dbh	5.0	1.2	0.1	2.2	0.3	5.4	0.7	1.8	0.2	0.4	0.1	4.4	0.6
315.	Dr	31.0	1.2	0.2	1.8	0.4	5.6	1.0	1.4	0.3	0.3	0.1	4.5	0.4
316.	Ds	15.0	1.2	0.1	1.7	0.4	5.0	0.6	1.4	0.3	0.3	0.1	4.2	0.5
320.	DSc	6.0	1.1	0.2	1.7	0.3	6.0	1.0	1.5	0.4	0.3	0.1	5.2	0.3
323.	Ssm	17.0	1.2	0.2	2.0	0.3	4.9	0.7	1.7	0.3	0.4	0.1	4.1	0.5
326.	Sp	17.0	1.0	0.2	1.6	0.5	4.6	0.8	1.7	0.4	0.4	0.1	4.8	0.8
334.	SOq	35.0	0.8	0.2	1.2	0.4	4.2	0.9	1.6	0.6	0.3	0.1	5.5	0.9
336.	Od	7.0	0.9	0.1	1.2	0.4	5.4	1.0	1.2	0.4	0.2	0.1	5.7	0.5
339.	Oal	89.0	0.9	0.2	1.6	0.4	5.2	1.5	1.8	0.4	0.3	0.1	5.7	1.1
357.	big	74.0	1.0	0.2	1.7	0.5	4.6	1.0	1.7	0.3	0.4	0.1	4.6	0.9
366.	Dgn	5.0	0.5	0.1	0.9	0.2	2.4	0.3	2.1	0.7	0.4	0.1	5.5	1.6

MAINE SURVEY 1980, LEWISTON QUAD, NL19-10

SUMMARY OF GEOLOGIC UNITS BY LINE 470

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.
101.	Q	41.0	0.9	0.2	1.6	0.5	4.9	1.3	1.8	0.8	0.3	0.2	5.4	1.0
301.	Dw	7.0	0.7	0.2	2.0	0.4	3.9	0.5	2.8	0.6	0.5	0.1	5.7	1.1
302.	Dg	19.0	0.7	0.1	1.8	0.2	3.9	1.1	2.6	0.5	0.5	0.1	5.4	0.8
307.	Dlg	5.0	1.3	0.2	2.3	0.8	8.0	4.6	1.8	0.4	0.3	0.1	6.1	2.7
308.	Dl	28.0	1.3	0.2	2.5	0.7	6.2	2.1	2.0	0.5	0.4	0.2	4.8	1.0
315.	Dr	25.0	1.1	0.1	2.0	0.2	5.9	0.8	1.7	0.3	0.3	0.1	5.1	0.5
317.	Dh	4.0	1.2	0.1	2.0	0.1	6.1	0.6	1.7	0.2	0.3	0.0	5.1	0.2
322.	Scq	6.0	0.9	0.1	1.3	0.6	5.6	1.1	1.4	0.6	0.2	0.1	5.8	0.6
323.	Ssm	22.0	1.2	0.1	2.0	0.3	4.8	0.8	1.7	0.2	0.4	0.1	4.1	0.5
326.	Sp	22.0	1.1	0.1	2.0	0.3	5.2	1.0	1.9	0.4	0.4	0.1	4.7	0.6
333.	SOm	4.0	1.0	0.1	1.5	0.4	4.7	0.1	1.5	0.3	0.3	0.1	4.8	0.3
339.	Oal	28.0	0.8	0.1	1.5	0.2	4.1	0.5	1.7	0.3	0.4	0.1	4.8	0.6
344.	Oa	13.0	0.7	0.1	1.4	0.2	4.6	0.8	1.9	0.4	0.3	0.1	6.3	0.9
347.	cg	27.0	1.7	0.2	3.9	1.3	16.6	5.1	2.3	0.7	0.2	0.0	9.7	2.6
353.	sy	14.0	1.8	0.3	2.0	0.5	7.5	1.2	1.1	0.2	0.3	0.1	4.2	0.5
357.	big	75.0	1.1	0.2	2.0	0.5	5.0	1.3	1.8	0.3	0.4	0.2	4.6	1.1
362.	Dga	6.0	0.7	0.3	1.6	0.6	2.8	1.5	2.2	0.1	0.6	0.2	3.6	0.8
365.	ol	34.0	0.8	0.2	1.5	0.4	4.6	1.3	2.0	0.7	0.3	0.1	6.2	1.2
367.	h	10.0	1.1	0.4	1.6	0.5	5.0	1.1	1.4	0.4	0.3	0.1	4.7	0.7

MAINE SURVEY 1980, LEWISTON QUAD, NL19-10

SUMMARY OF GEOLOGIC UNITS BY LINE 490

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.
101.	Q	52.0	0.9 0.2	1.6 0.5	4.7 1.5	1.7 0.5	0.3 0.1	5.0 0.9
302.	Dg	14.0	0.8 0.1	1.6 0.5	4.2 0.6	1.9 0.6	0.4 0.1	5.1 1.0
307.	D1g	119.0	1.1 0.2	2.1 0.5	5.5 1.1	1.9 0.4	0.4 0.1	4.9 0.8
308.	D1	27.0	1.1 0.2	2.0 0.5	6.6 1.2	1.8 0.4	0.3 0.1	6.0 0.8
316.	Ds	8.0	1.2 0.1	2.2 0.5	5.1 0.6	1.9 0.3	0.4 0.1	4.3 0.3
321.	Sa	7.0	0.9 0.1	1.9 0.2	5.1 0.8	2.1 0.3	0.4 0.1	5.7 1.0
323.	Ssm	8.0	1.2 0.3	2.1 0.3	5.0 0.7	1.8 0.5	0.4 0.1	4.2 0.6
326.	Sp	18.0	1.2 0.1	2.1 0.4	5.5 0.6	1.8 0.3	0.4 0.1	4.7 0.6
327.	Ssl	4.0	1.1 0.1	2.0 0.2	5.6 0.4	1.9 0.2	0.3 0.0	5.3 0.2
333.	SOm	8.0	0.8 0.2	1.6 0.5	4.3 1.4	2.0 0.5	0.4 0.1	5.4 0.4
334.	SOq	7.0	0.8 0.2	1.7 0.7	4.0 1.2	2.0 0.6	0.4 0.2	4.7 0.8
339.	Oal	30.0	1.0 0.2	1.5 0.4	4.6 0.9	1.6 0.4	0.3 0.1	4.8 0.6
344.	Oa	11.0	1.1 0.4	2.0 0.5	5.9 1.6	2.0 0.7	0.4 0.1	5.4 0.8
349.	hg	4.0	1.4 0.2	1.3 0.5	9.3 0.8	0.9 0.3	0.1 0.0	6.5 0.8
352.	qs	6.0	1.2 0.3	1.5 0.8	7.4 3.1	1.2 0.4	0.2 0.0	6.0 1.5
354.	qm	14.0	1.0 0.2	1.3 0.3	5.1 1.3	1.3 0.5	0.3 0.1	5.1 0.5
357.	big	6.0	0.9 0.1	1.4 0.3	4.9 0.6	1.6 0.4	0.3 0.1	5.6 0.5
363.	ols	19.0	1.1 0.2	1.7 0.4	6.3 1.3	1.5 0.4	0.3 0.1	5.7 1.2
365.	ol	18.0	1.5 0.2	2.2 0.8	8.7 1.6	1.5 0.5	0.3 0.1	5.8 1.0
366.	Dgn	6.0	0.8 0.1	1.1 0.2	4.2 0.7	1.4 0.1	0.3 0.0	5.1 0.5
367.	h	9.0	1.0 0.1	1.3 0.3	5.0 0.7	1.4 0.3	0.3 0.1	5.1 0.6

MAINE SURVEY 1980, LEWISTON QUAD, NL19-10

SUMMARY OF GEOLOGIC UNITS BY LINE 510

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.
101.	Q	47.0	1.1 0.4	1.9 0.6	5.0 1.5	1.9 0.6	0.4 0.1	4.8 1.0
307.	D1g	64.0	1.3 0.2	2.4 0.5	6.3 1.0	1.9 0.4	0.4 0.1	4.9 0.8
308.	D1	20.0	1.5 0.3	2.5 0.4	6.9 1.5	1.8 0.4	0.4 0.1	4.8 0.7
321.	Sa	56.0	1.2 0.2	2.3 0.5	5.8 1.1	1.9 0.4	0.4 0.1	4.7 0.6
322.	Scq	18.0	1.0 0.3	2.3 0.4	4.8 1.3	2.5 0.5	0.5 0.1	5.0 0.8
323.	Ssm	12.0	1.2 0.1	2.0 0.3	6.1 0.8	1.7 0.3	0.3 0.1	5.3 0.7
327.	Ssl	5.0	1.3 0.2	2.1 0.5	6.2 1.7	1.6 0.3	0.4 0.1	4.7 1.1
339.	Oal	34.0	0.9 0.2	1.8 0.4	4.6 1.0	2.1 0.6	0.4 0.1	5.2 0.6
344.	Oa	21.0	1.1 0.2	2.0 0.4	5.3 0.9	1.8 0.4	0.4 0.1	4.9 0.6
357.	big	64.0	1.1 0.3	2.1 0.4	6.1 1.7	1.9 0.4	0.4 0.1	5.3 0.6
365.	ol	48.0	1.4 0.4	2.2 0.7	6.3 1.8	1.6 0.5	0.4 0.1	4.7 0.8
366.	Dgn	10.0	0.8 0.3	2.2 0.4	4.0 1.4	2.9 0.8	0.6 0.2	5.0 0.6

SUMMARY OF GEOLOGIC UNITS BY LINE 530

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.
101.	Q	52.0	1.0 0.3	2.0 0.5	4.7 1.4	2.2 0.8	0.5 0.2	4.7 0.9
307.	D1g	92.0	1.5 0.2	2.7 0.6	6.5 1.3	1.8 0.3	0.4 0.1	4.4 0.8
308.	D1	30.0	1.5 0.5	2.3 0.6	6.8 1.5	1.6 0.4	0.3 0.1	4.7 0.8
321.	Sa	50.0	1.2 0.2	2.3 0.6	6.0 1.2	1.9 0.4	0.4 0.1	4.9 0.8
322.	Scq	14.0	1.0 0.3	2.0 0.4	5.4 1.4	2.3 1.3	0.4 0.3	5.3 0.8
327.	Ssl	20.0	1.2 0.2	2.5 0.6	5.5 0.6	2.0 0.5	0.5 0.1	4.5 0.6
339.	Oal	11.0	1.1 0.2	2.1 0.3	5.7 1.0	1.9 0.3	0.4 0.1	5.1 0.4
344.	Oa	20.0	0.7 0.1	1.4 0.4	3.6 0.7	1.9 0.5	0.4 0.1	4.9 0.9
357.	big	70.0	1.3 0.3	2.5 0.5	6.4 1.2	1.9 0.4	0.4 0.1	5.0 1.0
365.	ol	67.0	1.4 0.2	2.2 0.5	6.4 1.3	1.6 0.3	0.3 0.1	4.6 0.7

MAINE SURVEY 1980, LEWISTON QUAD, NL19-10

SUMMARY OF GEOLOGIC UNITS BY LINE 550

CODE	UNIT	RECS	*** K *** MEAN ST.DEV.	*** U *** MEAN ST.DEV.	*** T *** MEAN ST.DEV.	** U/K ** MEAN ST.DEV.	** U/T ** MEAN ST.DEV.	** T/K ** MEAN ST.DEV.
101.	Q	38.0	1.3 0.3	2.3 0.9	5.7 1.5	1.9 0.5	0.4 0.1	4.6 0.7
307.	D1g	57.0	1.3 0.2	2.5 0.5	5.9 1.1	1.9 0.4	0.4 0.1	4.4 0.5
308.	D1	42.0	1.3 0.3	2.2 0.7	6.7 3.0	1.7 0.4	0.3 0.1	5.0 1.3
309.	D1v	5.0	1.1 0.3	1.3 0.4	5.8 0.6	1.3 0.6	0.2 0.1	5.4 1.5
321.	Sa	32.0	1.4 0.3	3.1 0.9	5.8 1.3	2.3 0.5	0.5 0.2	4.3 0.7
322.	Scq	12.0	1.2 0.1	2.5 0.3	5.9 0.8	2.1 0.3	0.4 0.1	5.0 0.6
327.	Ssl	5.0	1.3 0.1	2.8 0.5	5.7 0.5	2.2 0.2	0.5 0.1	4.6 0.6
332.	Sc	4.0	1.0 0.3	2.3 0.9	4.8 1.3	2.2 0.6	0.5 0.2	4.7 0.8
338.	Op	7.0	1.1 0.2	2.5 0.3	5.3 1.0	2.4 0.6	0.5 0.1	4.9 0.5
344.	Oa	22.0	0.7 0.2	1.5 0.5	3.6 0.9	2.1 0.8	0.4 0.1	5.0 1.1
347.	cg	18.0	1.9 0.6	6.1 2.1	23.6 8.0	3.3 0.8	0.3 0.0	12.3 2.2
352.	qs	26.0	1.9 0.5	3.2 0.8	13.9 4.9	1.8 0.5	0.2 0.1	7.5 2.1
357.	big	115.0	1.4 0.3	2.9 1.0	7.9 3.3	2.1 0.6	0.4 0.2	5.4 1.2
359.	kqm	38.0	1.5 0.3	3.2 2.0	12.2 7.3	2.0 0.8	0.3 0.1	7.5 3.0

SUMMARY OF GEOLOGIC UNITS BY LINE 570

CODE	UNIT	RECS	*** K *** MEAN ST.DEV.	*** U *** MEAN ST.DEV.	*** T *** MEAN ST.DEV.	** U/K ** MEAN ST.DEV.	** U/T ** MEAN ST.DEV.	** T/K ** MEAN ST.DEV.
101.	Q	64.0	1.4 0.4	3.1 1.2	7.9 3.6	2.3 0.8	0.4 0.1	5.6 2.0
307.	D1g	16.0	1.6 0.4	4.1 1.0	10.7 3.4	2.6 0.5	0.4 0.1	6.7 1.1
308.	D1	8.0	1.0 0.1	1.5 0.4	4.4 0.9	1.5 0.5	0.3 0.1	4.5 0.6
313.	Dsg	18.0	1.0 0.2	2.3 0.5	4.8 1.2	2.4 0.3	0.5 0.1	4.9 0.7
321.	Sa	24.0	1.2 0.3	2.8 0.5	5.8 1.3	2.3 0.5	0.5 0.1	4.7 0.7
343.	Mm	11.0	1.9 0.1	4.0 0.5	15.6 1.5	2.1 0.3	0.3 0.0	8.4 0.9
344.	Oa	15.0	1.0 0.2	1.7 0.7	4.3 1.0	1.9 1.0	0.4 0.2	4.5 0.6
347.	cg	78.0	1.9 0.4	4.7 1.7	16.1 5.2	2.4 0.6	0.3 0.1	8.2 1.8
350.	mo	28.0	1.7 0.5	4.0 1.1	12.6 3.4	2.4 0.4	0.3 0.1	7.6 1.3
351.	gp	4.0	2.1 0.5	4.6 0.6	15.2 4.9	2.2 0.3	0.3 0.1	7.1 1.2
352.	qs	7.0	1.7 0.3	3.9 0.9	13.3 1.7	2.3 0.5	0.3 0.1	7.9 0.6
357.	big	130.0	1.5 0.4	3.2 0.9	8.9 3.0	2.2 0.6	0.4 0.1	5.9 1.2
359.	kqm	21.0	1.5 0.3	2.4 1.0	8.9 4.5	1.6 0.6	0.3 0.1	5.9 2.7

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SUMMARY OF GEOLOGIC UNITS BY LINE 590

CODE	UNIT	RECS	*** K *** MEAN ST.DEV.	*** U *** MEAN ST.DEV.	*** T *** MEAN ST.DEV.	** U/K ** MEAN ST.DEV.	** U/T ** MEAN ST.DEV.	** T/K ** MEAN ST.DEV.
101.	Q	71.0	1.4 0.4	3.6 1.3	7.8 3.7	2.6 0.7	0.5 0.1	5.3 1.1
308.	D1	37.0	1.5 0.4	2.8 1.1	8.2 3.5	1.9 0.4	0.3 0.1	5.4 0.9
313.	Dsg	10.0	1.3 0.2	2.7 0.5	7.3 1.4	2.1 0.3	0.4 0.1	5.5 0.6
343.	Mm	7.0	2.7 0.2	6.0 0.8	22.8 2.2	2.3 0.4	0.3 0.0	8.6 1.1
344.	Oa	7.0	0.9 0.4	1.3 0.7	5.1 2.3	1.4 0.5	0.3 0.1	5.4 0.9
347.	cg	64.0	1.9 0.4	4.8 1.3	15.2 4.1	2.5 0.6	0.3 0.1	7.9 1.9
350.	mo	36.0	2.0 0.3	4.1 1.1	13.3 2.6	2.1 0.5	0.3 0.1	6.8 0.7
352.	qs	9.0	2.4 0.2	4.3 0.7	16.4 2.6	1.8 0.3	0.3 0.0	6.8 0.6
357.	big	112.0	1.5 0.3	4.1 1.1	8.7 2.5	2.8 0.8	0.5 0.2	5.9 1.1
359.	kqm	26.0	1.4 0.3	2.5 0.7	6.7 2.7	1.8 0.4	0.4 0.1	4.7 1.0
365.	ol	13.0	1.6 0.6	2.1 0.8	8.6 2.8	1.2 0.2	0.2 0.1	5.3 0.5

SUMMARY OF GEOLOGIC UNITS BY LINE 950

CODE	UNIT	RECS	*** K *** MEAN ST.DEV.	*** U *** MEAN ST.DEV.	*** T *** MEAN ST.DEV.	** U/K ** MEAN ST.DEV.	** U/T ** MEAN ST.DEV.	** T/K ** MEAN ST.DEV.
101.	Q	15.0	1.0 0.3	1.7 0.6	4.6 1.5	1.7 0.5	0.4 0.1	4.5 0.7
302.	Dg	26.0	0.9 0.1	1.8 0.4	4.0 0.5	2.0 0.5	0.4 0.1	4.4 0.5
309.	D1v	4.0	1.5 0.2	1.9 0.4	6.4 0.6	1.3 0.3	0.3 0.1	4.2 0.2
339.	Oa1	56.0	1.1 0.2	1.9 0.5	4.7 0.6	1.8 0.4	0.4 0.1	4.5 0.6
344.	Oa	22.0	1.2 0.2	2.0 0.4	5.6 1.2	1.7 0.4	0.4 0.1	4.5 0.7
357.	big	69.0	0.9 0.2	1.6 0.4	4.0 1.1	1.8 0.5	0.4 0.1	4.4 0.8
359.	kqm	53.0	1.3 0.2	2.1 0.5	6.2 1.4	1.6 0.4	0.3 0.1	4.6 0.7
365.	ol	21.0	1.4 0.1	2.0 0.3	6.4 1.4	1.5 0.3	0.3 0.1	4.6 0.7
366.	Dgn	5.0	1.1 0.1	2.2 0.3	5.2 0.7	2.0 0.2	0.4 0.1	4.6 0.5

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SUMMARY OF GEOLOGIC UNITS BY LINE 960

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.
101.	Q	4.0	1.4 0.5	2.4 0.1	6.6 1.9	1.9 0.8	0.4 0.2	4.8 1.0
302.	Dg	25.0	0.8 0.1	1.4 0.3	3.9 0.8	1.9 0.6	0.4 0.1	5.1 0.8
305.	Dkm	14.0	0.7 0.1	1.5 0.4	3.7 0.4	2.3 0.7	0.4 0.1	5.6 0.8
307.	Dlg	46.0	1.4 0.3	3.0 1.5	7.2 2.9	2.1 0.7	0.4 0.1	5.0 1.2
339.	Oal	28.0	0.9 0.3	2.1 0.9	6.3 4.2	2.3 0.5	0.4 0.1	6.3 1.6
347.	cg	49.0	1.9 0.3	4.7 1.1	18.1 5.3	2.5 0.5	0.3 0.1	9.5 2.4
348.	rg	13.0	1.6 0.4	4.0 2.3	12.8 5.2	2.3 1.0	0.3 0.1	7.7 2.0
350.	mo	13.0	2.0 0.3	5.5 1.3	15.1 3.6	2.8 0.4	0.4 0.0	7.6 1.1
352.	qs	14.0	1.3 0.3	1.7 0.7	8.4 2.8	1.4 0.4	0.2 0.0	6.5 1.0
357.	big	44.0	1.4 0.3	2.0 0.5	8.1 1.9	1.4 0.4	0.3 0.1	5.6 0.8
363.	ols	19.0	1.4 0.2	2.1 0.4	7.7 1.5	1.6 0.4	0.3 0.1	5.6 0.7
365.	ol	13.0	1.3 0.2	2.4 0.4	5.9 1.3	1.8 0.3	0.4 0.1	4.4 0.6

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.
302.	Dg	8.0	0.6 0.1	1.0 0.2	3.8 0.5	1.7 0.3	0.3 0.1	6.5 1.1

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.
101.	Q	17.0	1.7 0.6	4.2 1.3	11.6 5.8	2.6 0.6	0.4 0.1	6.7 1.8
307.	Dlg	85.0	1.3 0.3	2.8 0.6	6.8 1.5	2.2 0.4	0.4 0.1	5.3 0.9
308.	Dl	9.0	1.1 0.4	2.2 0.5	5.9 1.7	2.1 0.3	0.4 0.1	5.6 0.7
309.	Dlv	5.0	0.9 0.1	1.7 0.4	5.7 1.2	1.9 0.6	0.3 0.1	6.1 0.4
323.	Ssm	5.0	1.4 0.3	2.9 0.6	6.9 0.8	2.1 0.1	0.4 0.1	5.1 0.8
339.	Oal	9.0	1.0 0.2	2.3 0.5	4.8 0.8	2.2 0.2	0.5 0.1	4.7 0.9
341.	COag	7.0	1.0 0.2	2.1 0.2	5.1 0.8	2.1 0.3	0.4 0.0	5.0 0.5
344.	Oa	14.0	0.8 0.4	1.9 0.6	4.6 1.4	2.7 1.3	0.4 0.1	6.4 2.5
357.	big	67.0	1.3 0.4	2.8 1.0	5.7 2.4	2.3 0.9	0.6 0.3	4.4 1.1
360.	qd	15.0	0.9 0.2	2.6 0.4	4.8 0.9	2.9 0.7	0.6 0.2	5.2 0.8
366.	Dgn	14.0	1.0 0.5	2.1 0.5	4.6 1.6	2.6 1.0	0.5 0.1	5.3 1.4

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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.
101.	Q	20.0	1.1 0.2	1.8 0.4	5.0 1.0	1.7 0.5	0.4 0.1	4.8 0.7
307.	Dlg	21.0	1.2 0.1	2.4 0.7	5.4 0.6	1.9 0.5	0.4 0.1	4.4 0.5
321.	Sa	15.0	1.3 0.2	2.4 0.4	6.3 0.8	1.8 0.4	0.4 0.1	4.8 0.6
323.	Ssm	9.0	1.1 0.2	2.1 0.4	5.0 1.1	1.9 0.3	0.4 0.1	4.5 0.7
325.	Ss	12.0	1.2 0.2	2.3 0.7	4.6 1.0	1.8 0.3	0.5 0.1	3.7 0.6
326.	Sp	45.0	1.1 0.1	2.2 0.7	5.0 0.9	2.0 0.6	0.5 0.2	4.5 0.7
327.	Ssl	7.0	1.3 0.1	2.6 0.3	5.0 1.1	2.0 0.2	0.5 0.1	4.5 0.8
328.	Sr	24.0	0.9 0.1	1.8 0.3	5.0 1.0	1.9 0.4	0.4 0.1	5.3 0.6
330.	Srb	17.0	1.0 0.2	1.9 0.4	5.3 0.8	1.9 0.3	0.4 0.1	5.2 0.5
335.	Orq	32.0	0.7 0.2	1.5 0.4	3.9 1.0	2.2 0.7	0.4 0.1	5.5 1.3
357.	big	103.0	1.5 0.4	2.5 0.9	9.1 4.0	1.7 0.4	0.3 0.2	5.8 1.4

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.
101.	Q	78.0	1.0 0.3	2.1 0.6	4.6 1.2	2.1 0.6	0.5 0.1	4.5 0.9
315.	Dr	44.0	1.1 0.2	1.9 0.5	5.0 0.9	1.7 0.3	0.3 0.1	5.2 1.1
316.	Ds	43.0	1.2 0.2	2.1 0.3	5.5 0.9	1.7 0.3	0.4 0.1	4.5 1.0
317.	Dh	4.0	1.0 0.1	2.0 0.2	6.5 0.3	2.0 0.2	0.3 0.0	6.5 0.3
318.	Dc	21.0	1.0 0.2	1.6 0.3	4.8 1.4	1.7 0.4	0.4 0.1	4.7 0.6
321.	Sa	47.0	1.2 0.2	2.9 0.5	5.6 0.8	2.4 0.5	0.5 0.1	4.7 0.6
324.	Sm	11.0	1.0 0.2	2.0 0.3	4.8 0.6	2.1 0.4	0.4 0.1	4.9 0.6
326.	Sp	33.0	1.1 0.3	2.0 0.7	5.1 1.3	1.8 0.3	0.4 0.1	4.6 0.5
327.	Ssl	24.0	1.1 0.2	2.7 0.5	5.3 0.8	2.5 0.4	0.5 0.1	4.9 0.7
357.	big	15.0	1.4 0.3	2.7 0.7	4.8 0.9	1.9 0.3	0.6 0.2	3.5 1.1

