

Geology
GS BX - (80) - 12

GJBX-12 '80

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

COLORADO-ARIZONA AREA

**SALTON SEA NI 11-9 PHOENIX NI 12-7
EL CENTRO NI 11-12 AJO NI 12-10
LUKEVILLE NH 12-1**

QUADRANGLES

VOLUME II

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

NOVEMBER 1979

**WORK PERFORMED UNDER
BENDIX FIELD ENGINEERING CORPORATION GRAND JUNCTION OPERATIONS
SUBCONTRACT NO. 78-233-L AND BENDIX CONTRACT EY-76-C-13-1664**

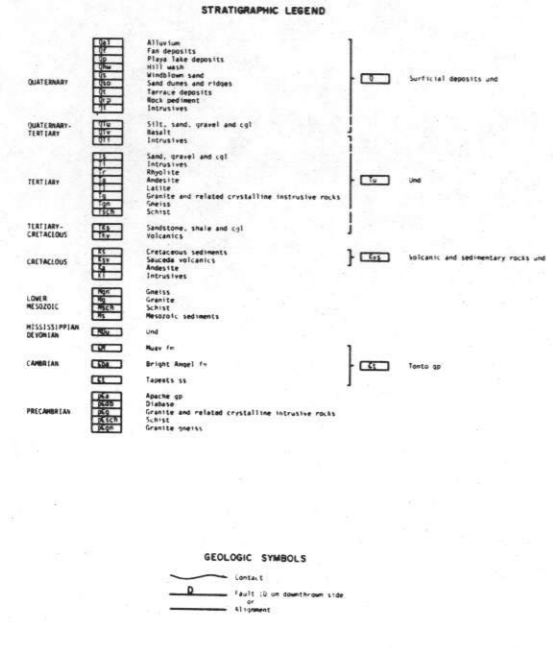
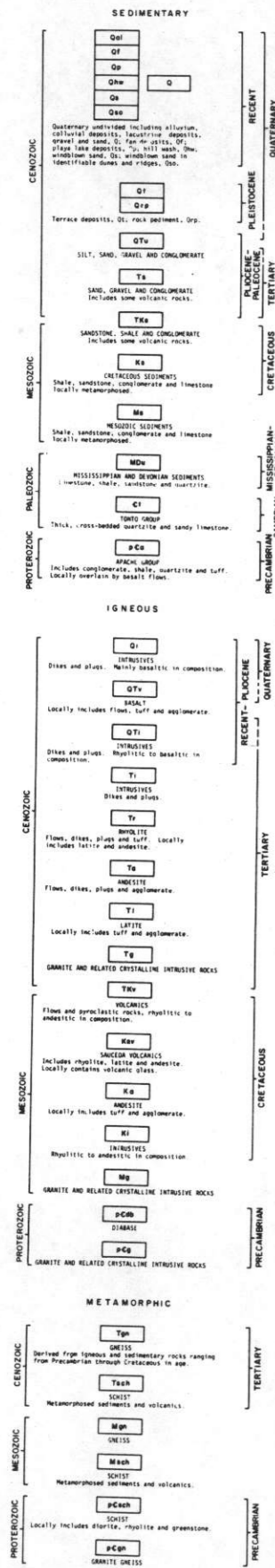
**PREPARED FOR THE
DEPARTMENT OF ENERGY
GRAND JUNCTION OFFICE
GRAND JUNCTION, COLORADO 81501**

metadc958569

(LEGAL NOTICE)

"This report was prepared as an account of work sponsored by the United States Government. Neither the United States nor the United States Energy Research and Development Administration, nor any of their employees, nor any of their contractors, subcontractors, or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product or process disclosed, or represents that its use would not infringe privately owned rights."

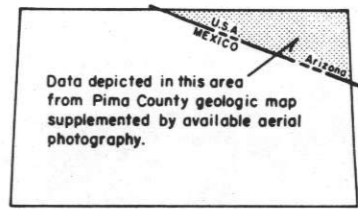
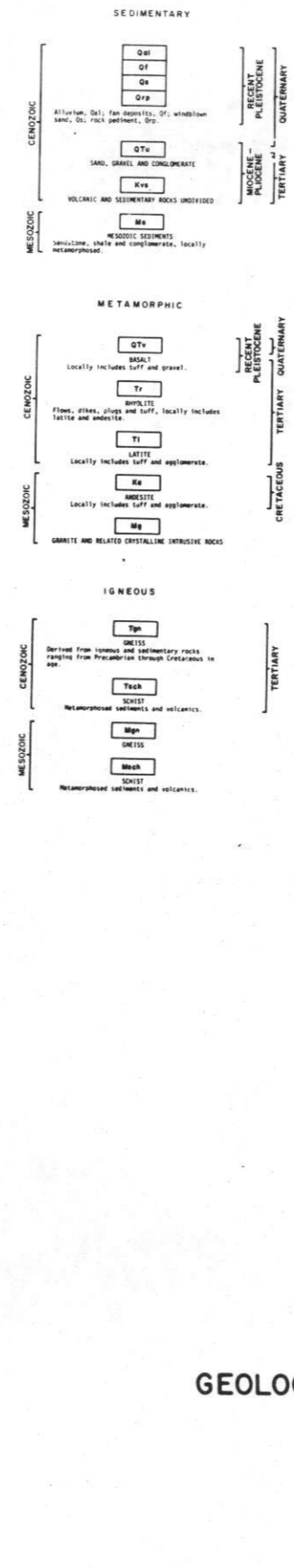
EXPLANATION



MAP SOURCES
 Data depicted on this quadrangle derived solely from non-exclusive IntraSearch file photogeologic mapping.

1983 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 14° 25' 00" (W) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 12° 30' 00" (E) WESTERLY FOR THE CENTER OF THE EAST EDGE

EXPLANATION



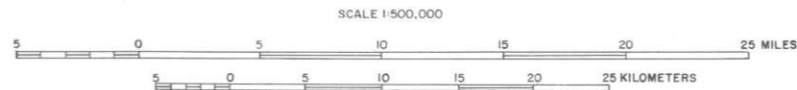
SOURCE MAP

1983 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 13° 30' 00" (W) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 12° 00' 00" (E) WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0° 00' WESTERLY

GEOLOGY OF THE AJO & LUKEVILLE QUADRANGLES



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



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

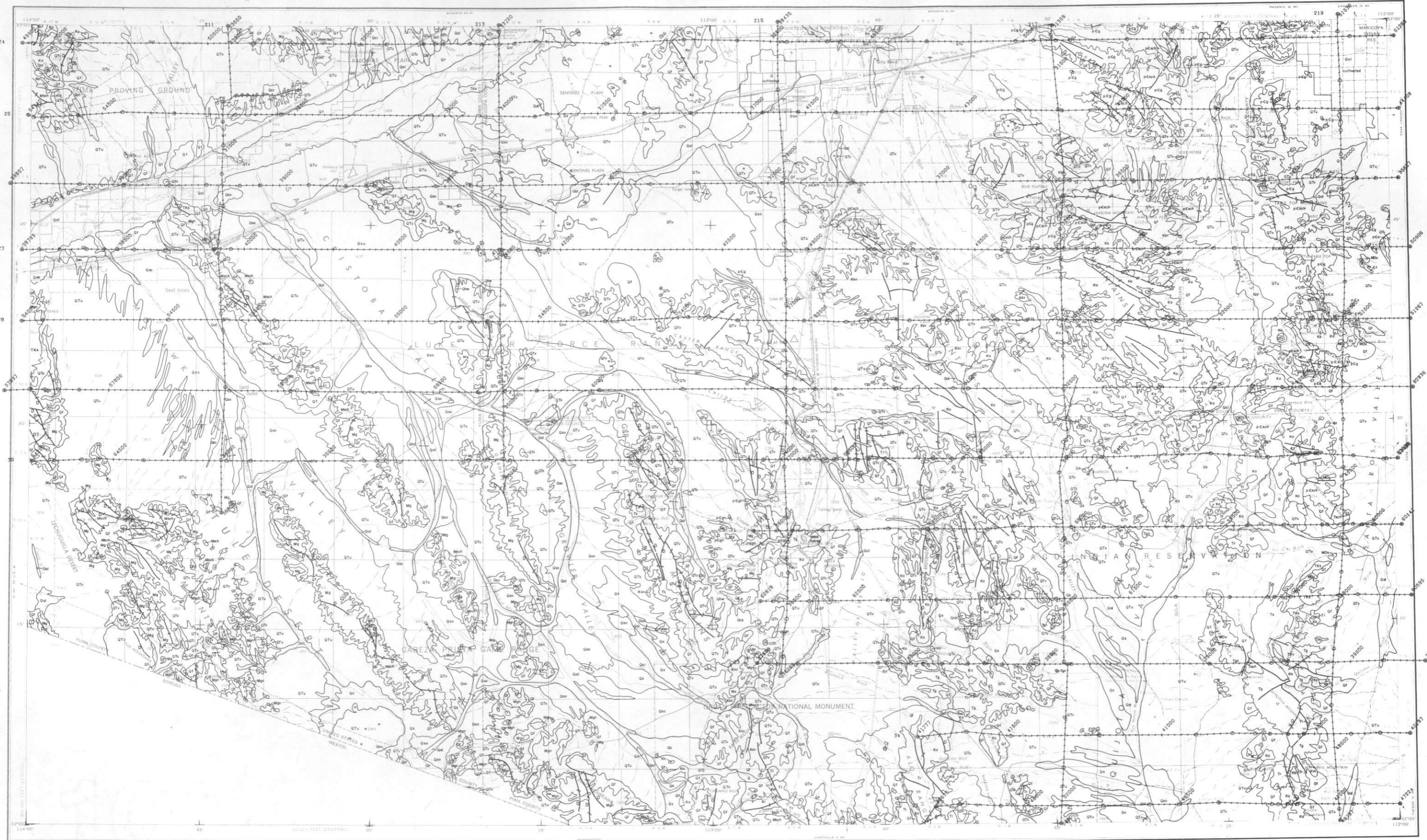
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE

GEOLOGIC BASE MAP

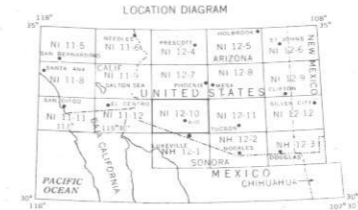
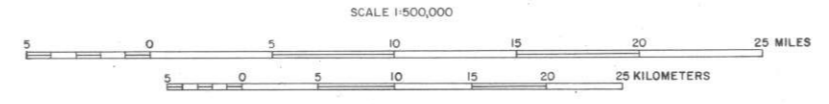
1978-1979

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

PREPARED FOR
 DEPARTMENT OF ENERGY



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



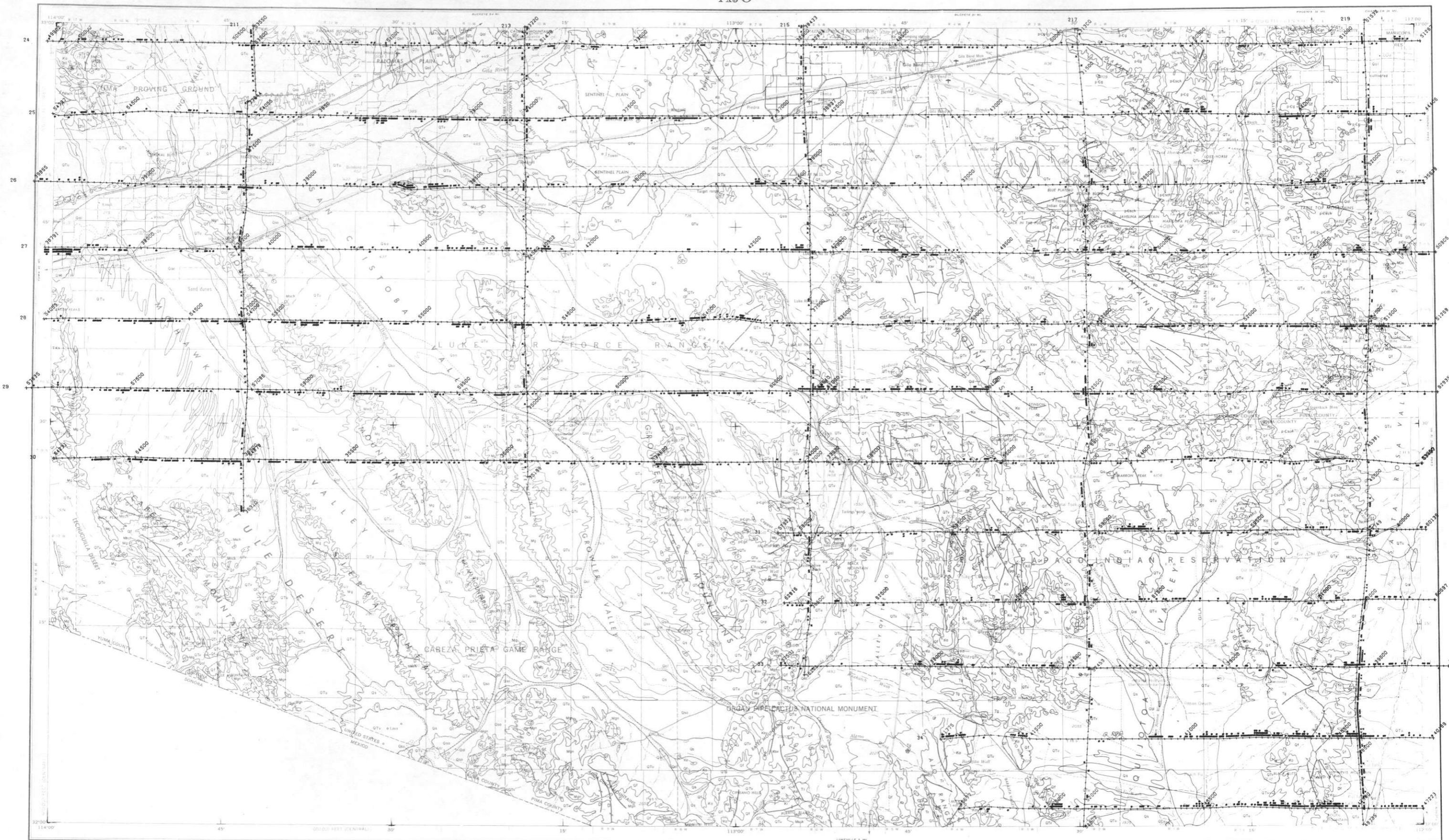
**NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY**

**COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
FLIGHT PATH MAP**

1978-1979

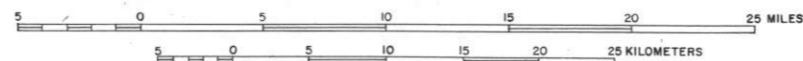
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY



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

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 THE LINES BY SQUARES. NORTH OR EAST ARE POSITIVE AND SOUTH OR WEST ARE NEGATIVE.

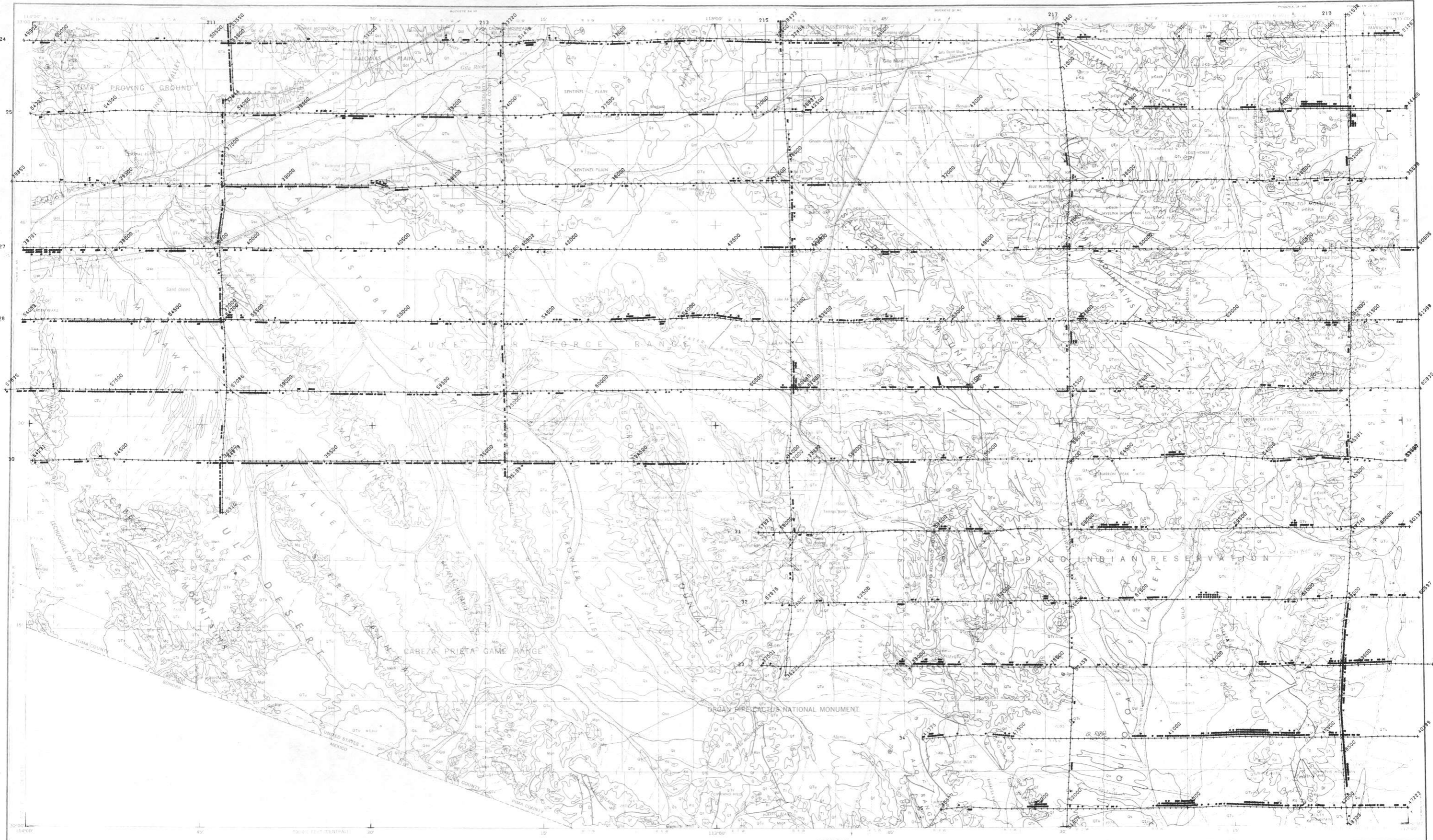
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE ANOMALY MAP - URANIUM

1978-1979

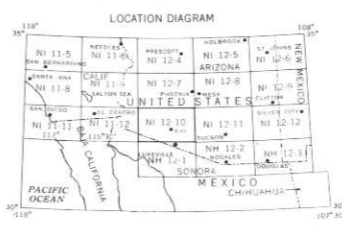
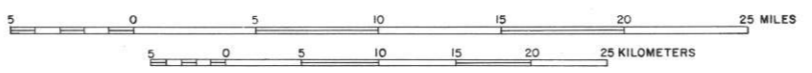
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY



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

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.

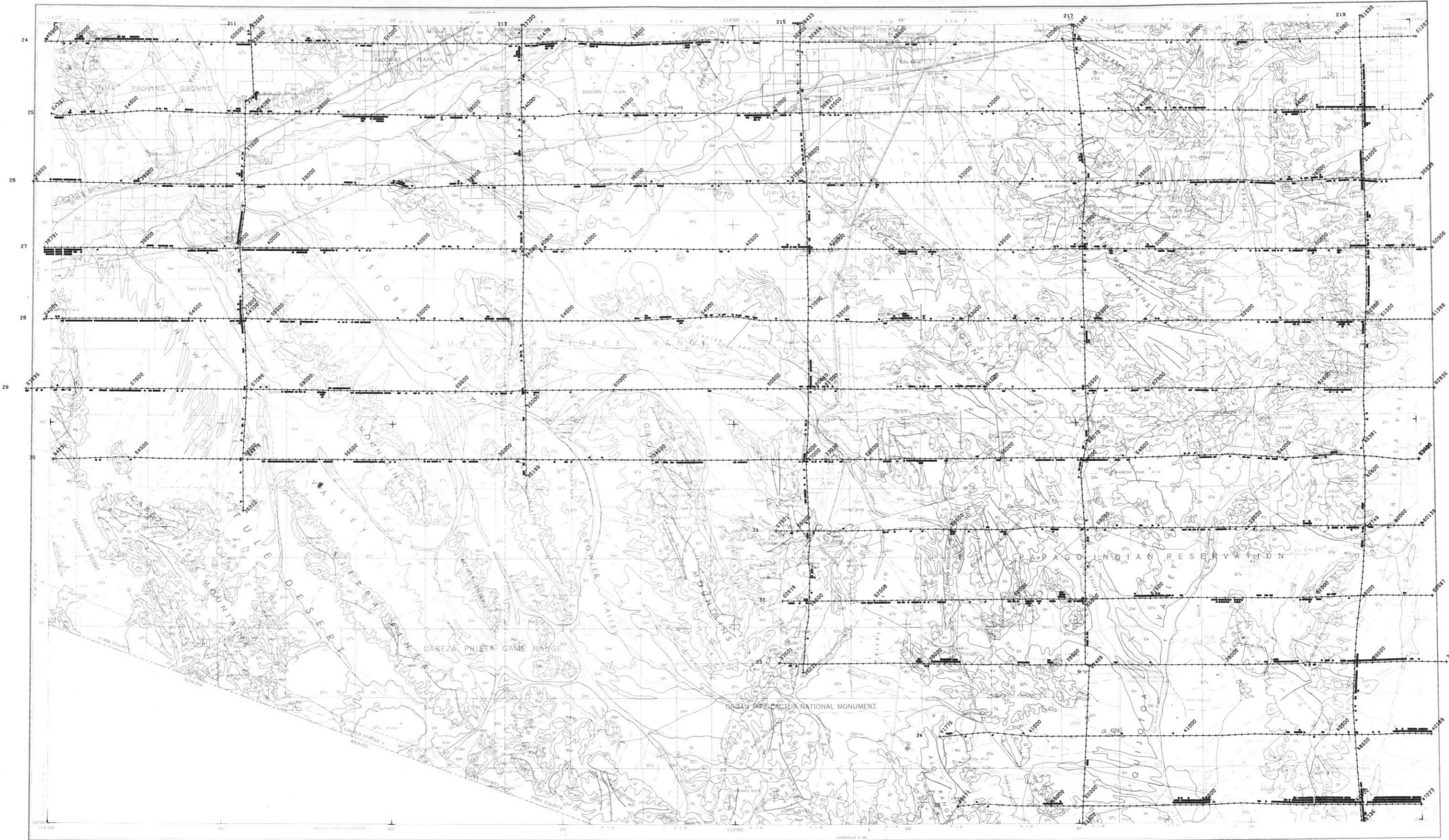
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE ANOMALY MAP - THORIUM

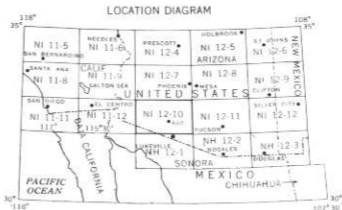
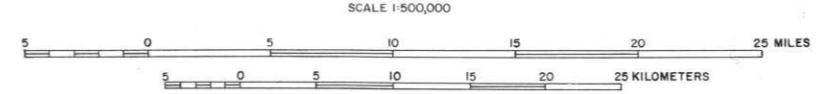
1978-1979

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

PREPARED FOR
DEPARTMENT OF ENERGY



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



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.

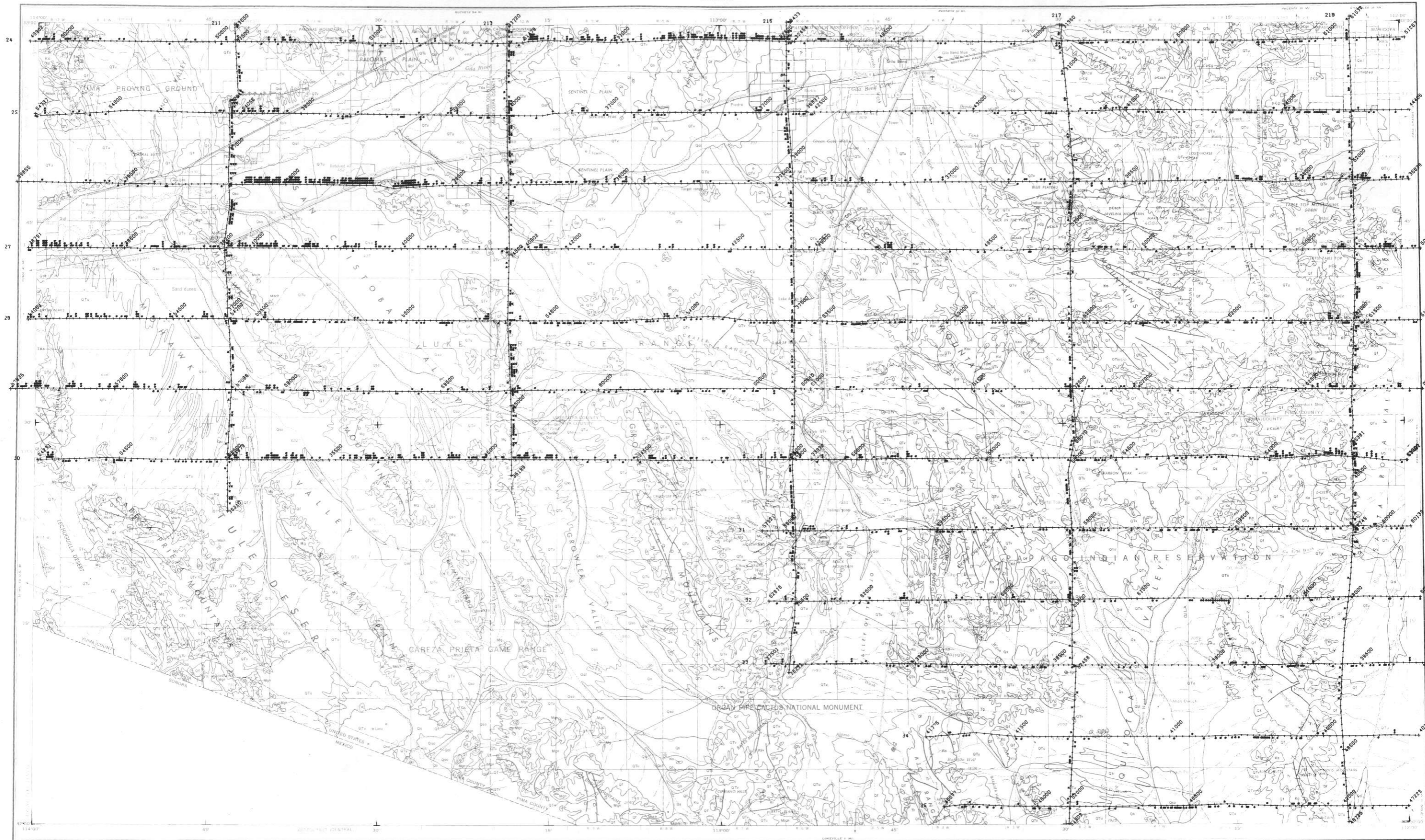
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE ANOMALY MAP - POTASSIUM

1978-1979

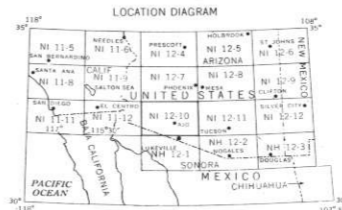
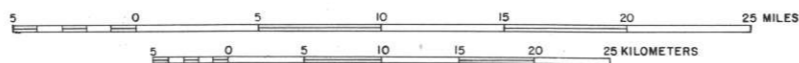
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY



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

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.

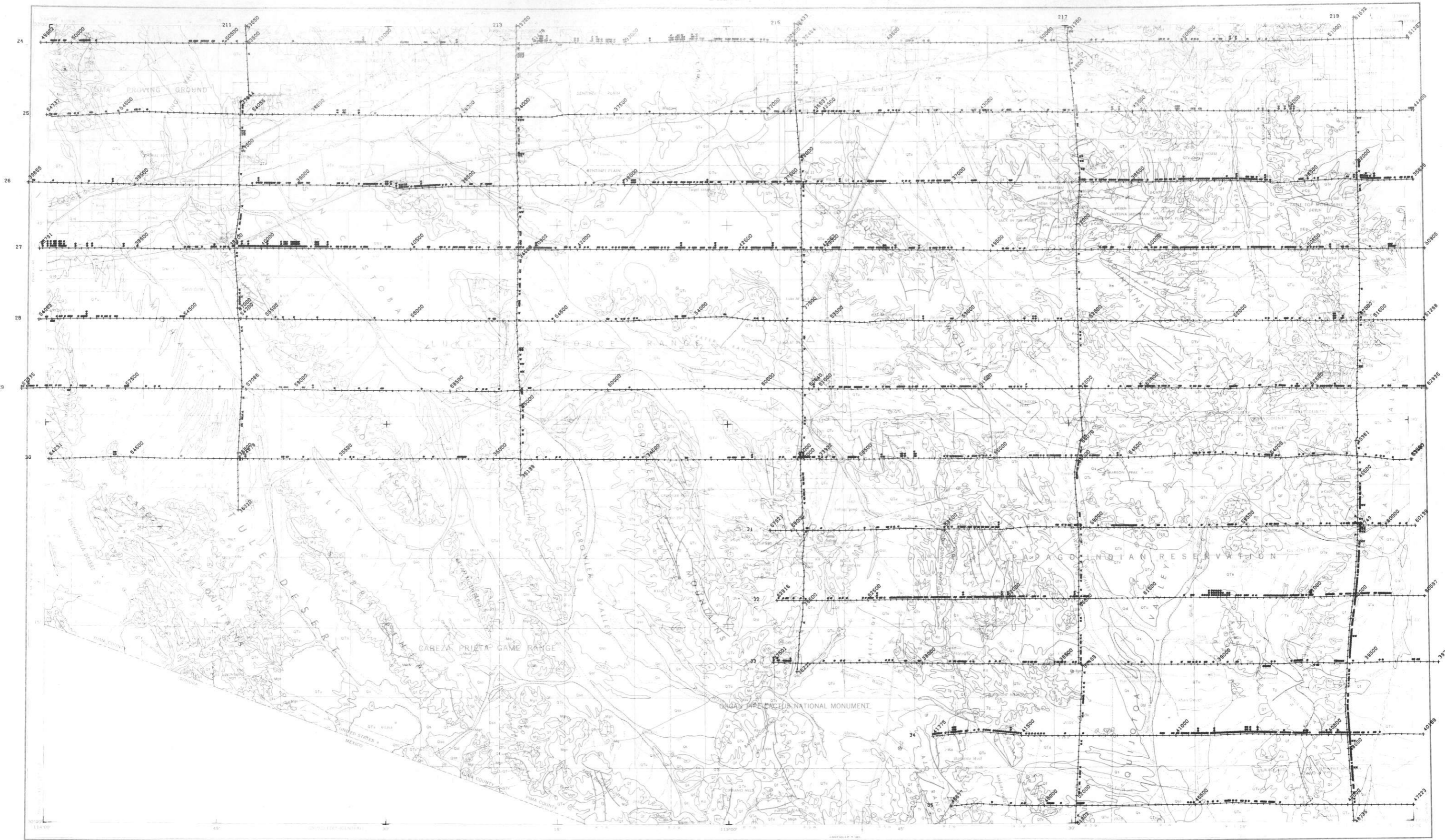
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE ANOMALY MAP - URANIUM/ THORIUM

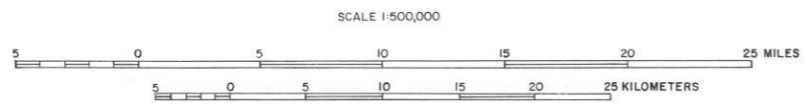
1978-1979

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

PREPARED FOR
DEPARTMENT OF ENERGY

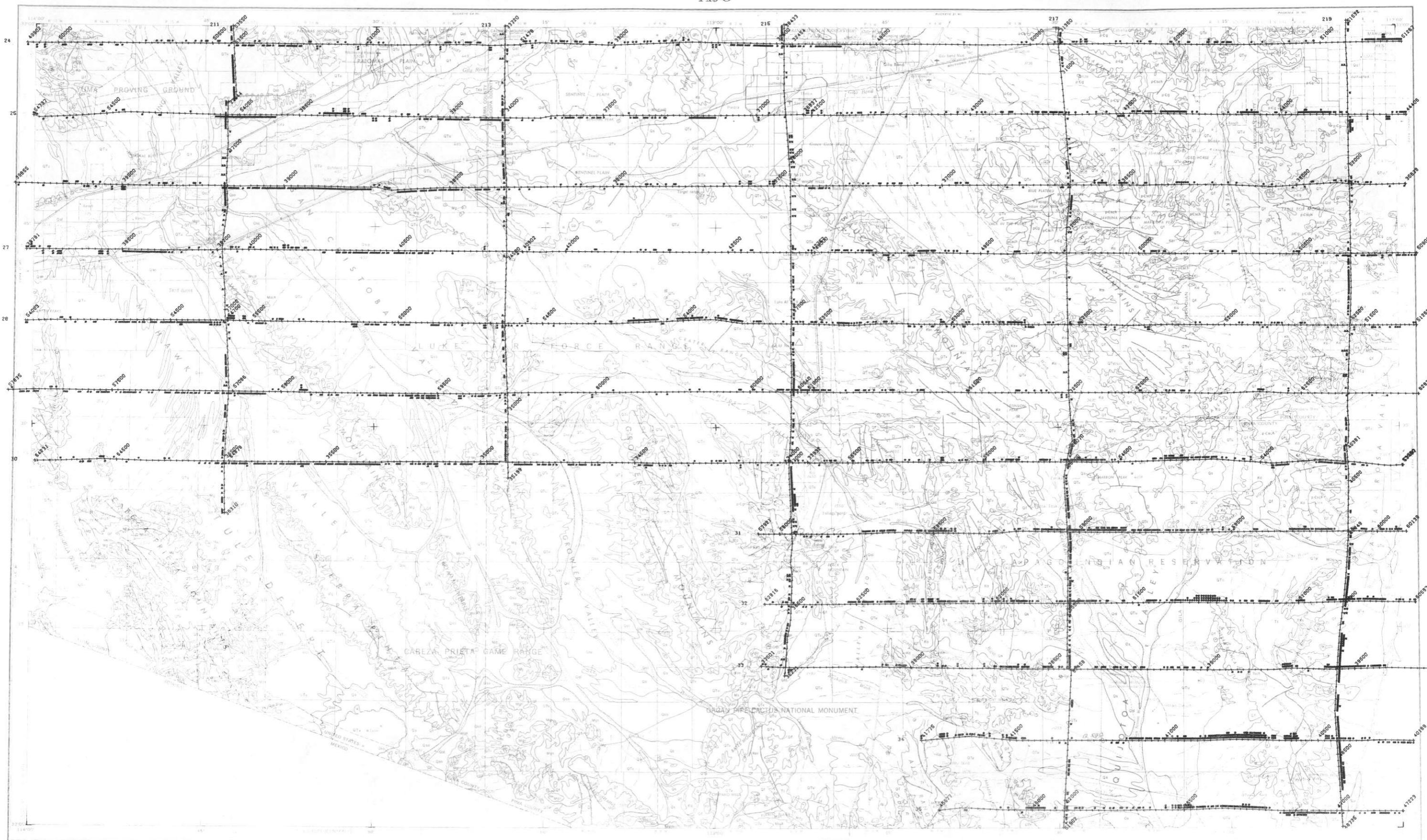


BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000



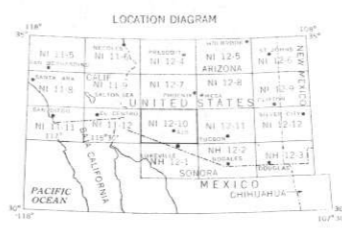
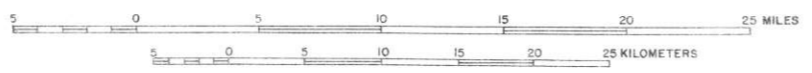
EXPLANATION
 INDIVIDUAL SAMPLES ARE PLOTTED AT 20 SAMPLE INTERVALS AND IDENTIFIED BY RECORD NUMBER AT INTERVALS OF 500 SAMPLES.
 AVERAGED SAMPLES ARE ANNOTATED IF THE DEVIATION OF THE AVERAGED SAMPLE, FROM THE MEAN OF ITS CORRESPONDING ROCK UNIT, IS GREATER THAN ± 1 STANDARD DEVIATION. THE DEVIATION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

NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE ANOMALY MAP-URANIUM/POTASSIUM
 1978-1979
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR
 DEPARTMENT OF ENERGY



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

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.

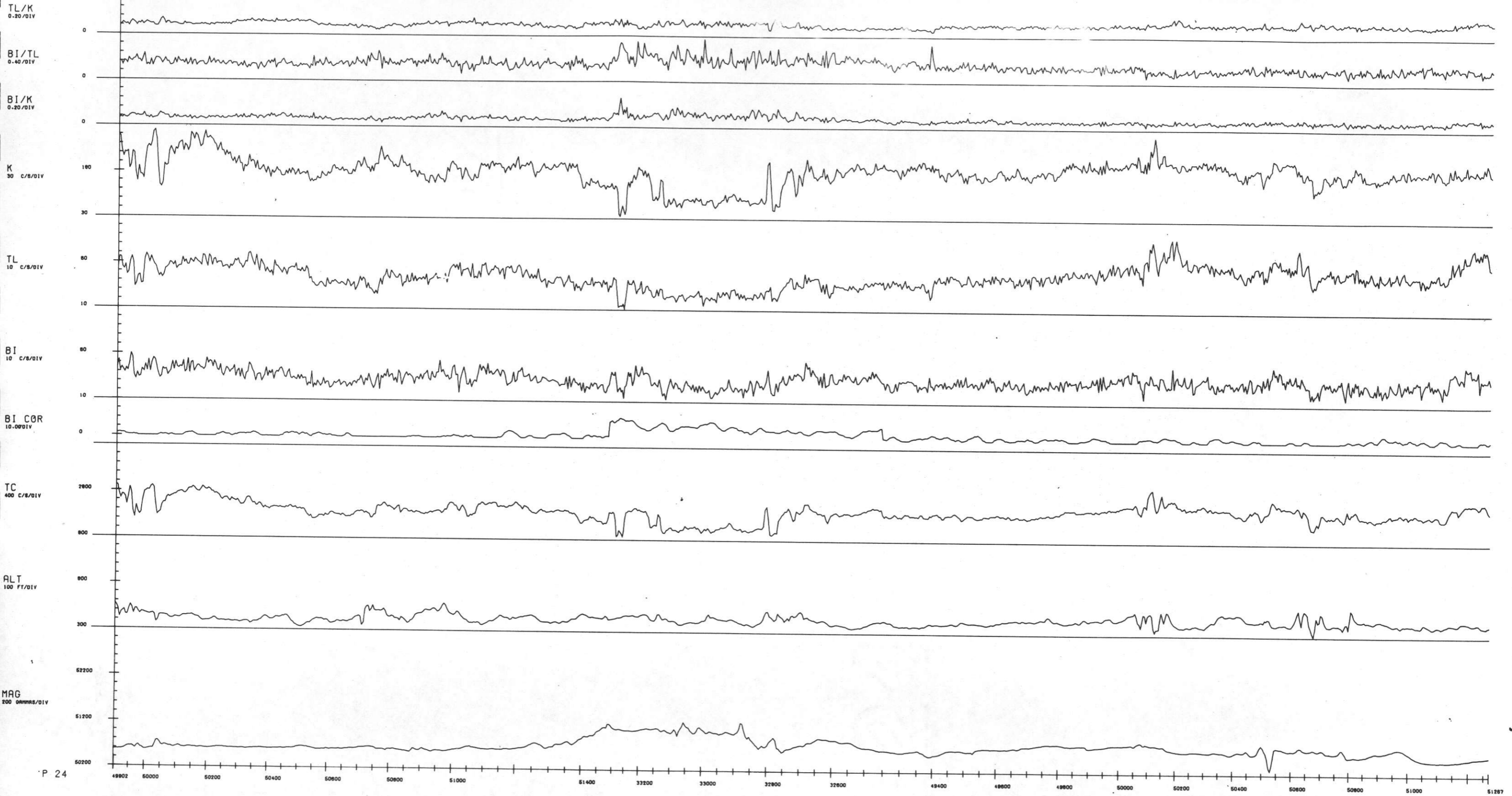
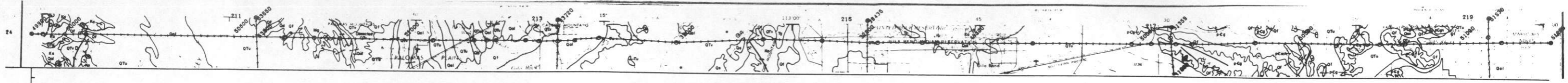
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE ANOMALY MAP - THORIUM/POTASSIUM

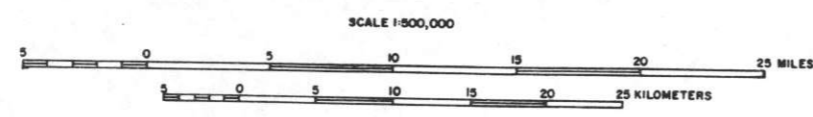
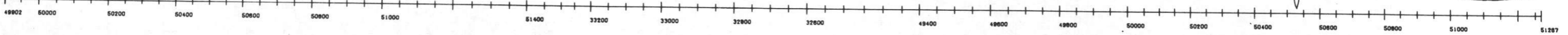
1978-1979

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

PREPARED FOR
DEPARTMENT OF ENERGY

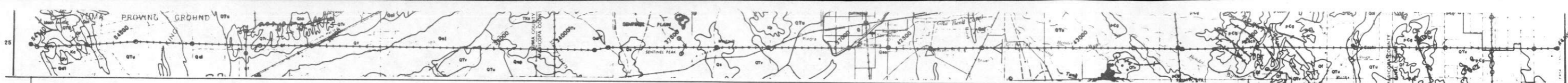


P 24



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

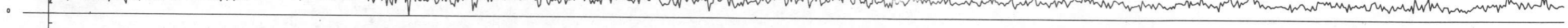
NURE AERIAL GAMMA RAY AND MAGNETIC
 RECONNAISSANCE SURVEY
 COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
 1976-1978
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR
 DEPARTMENT OF ENERGY



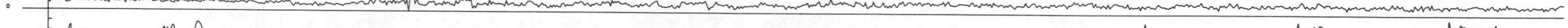
TL/K
0.20/DIV



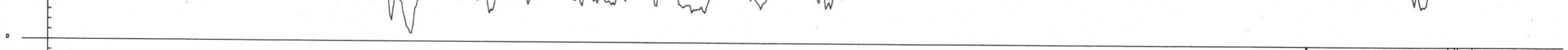
BI/TL
0.40/DIV



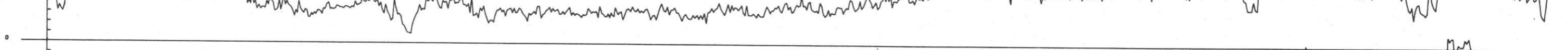
BI/K
0.20/DIV



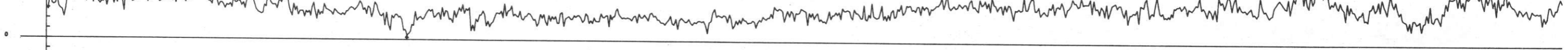
K
30 C/S/DIV



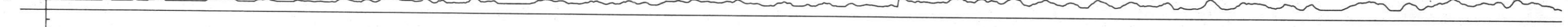
TL
10 C/S/DIV



BI
10 C/S/DIV



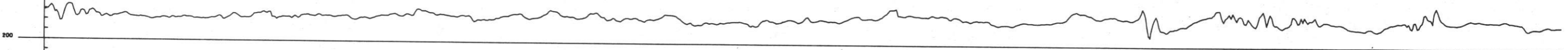
BI COR
10.00/DIV



TC
400 C/S/DIV



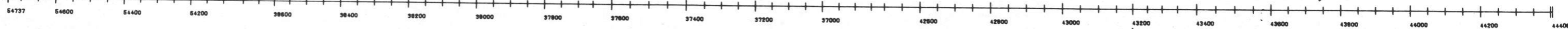
ALT
100 FT/DIV



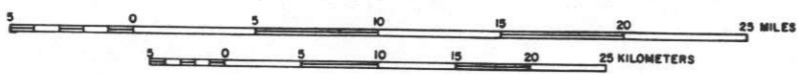
MAG
200 GAMMAS/DIV



P 25

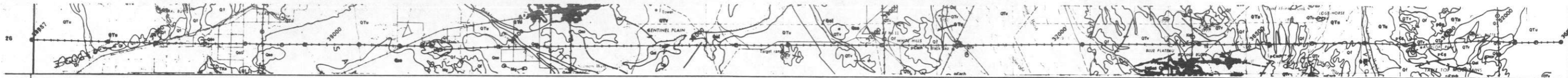


SCALE 1:500,000

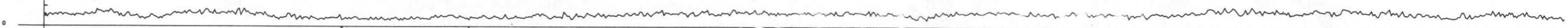


↑ FLAGGED, SAMPLE VALUES OF K,U,T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



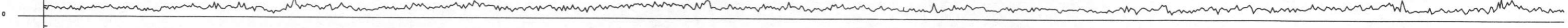
TL/K
0.20/DIV



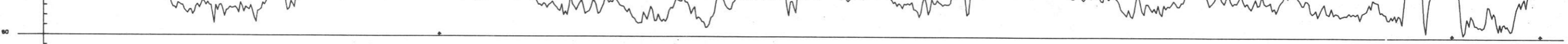
BI/TL
0.40/DIV



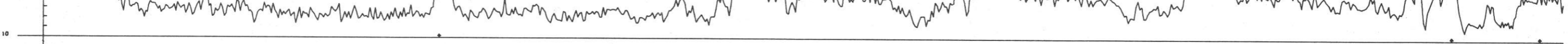
BI/K
0.20/DIV



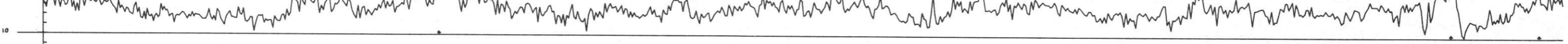
K
30 C/S/DIV



TL
10 C/S/DIV



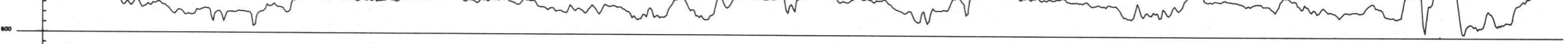
BI
10 C/S/DIV



BI COR
10.00/DIV



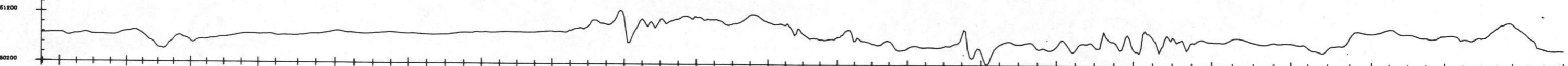
TC
400 C/S/DIV



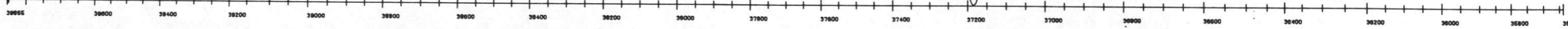
ALT
100 FT/DIV



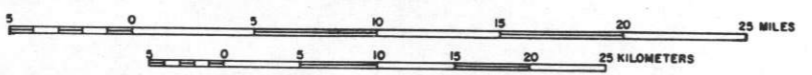
MAG
200 GAMMAS/DIV



P 26

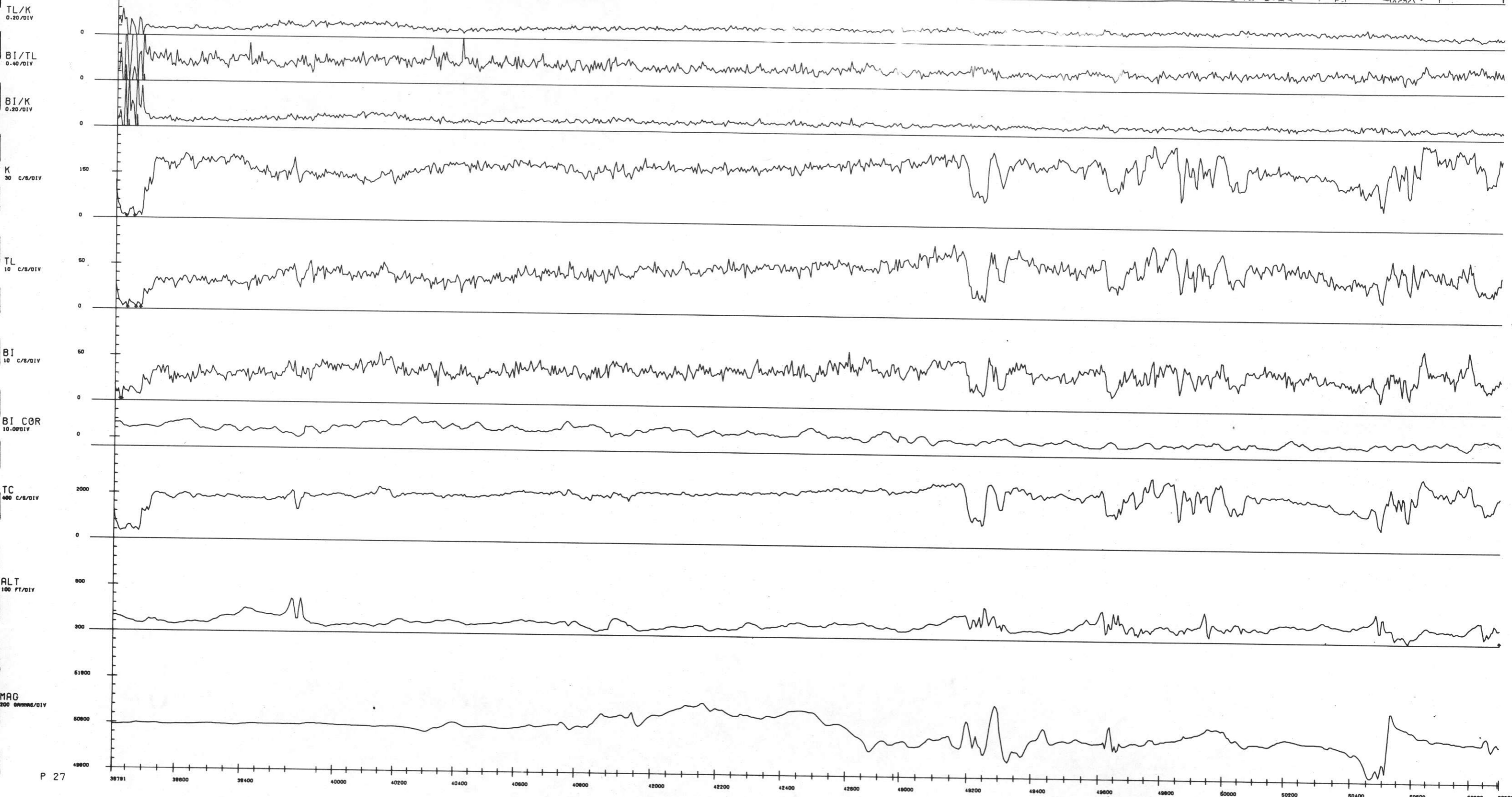
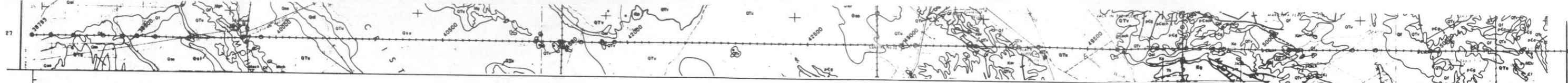


SCALE 1:500,000



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

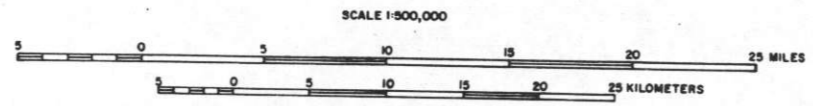
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



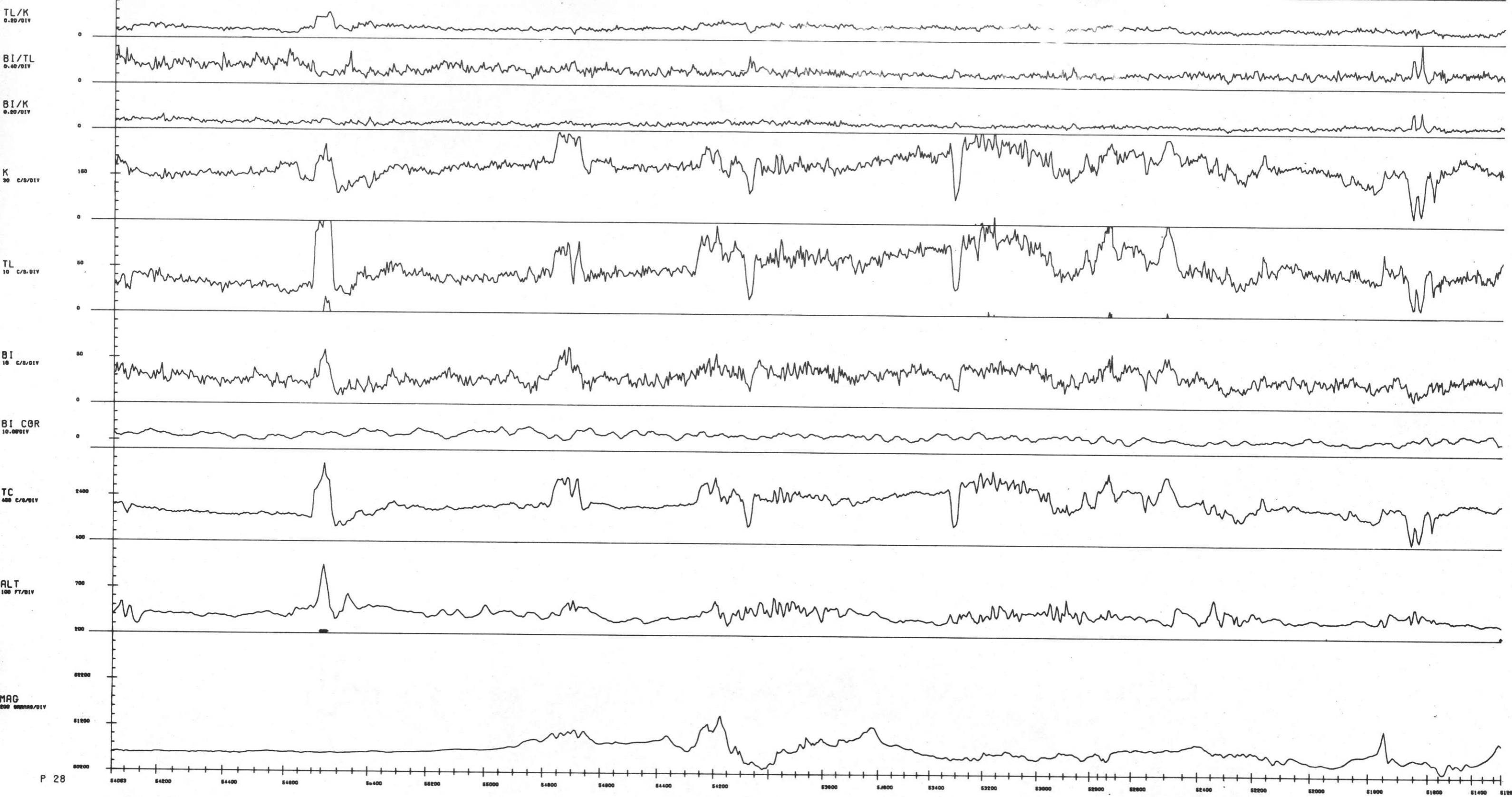
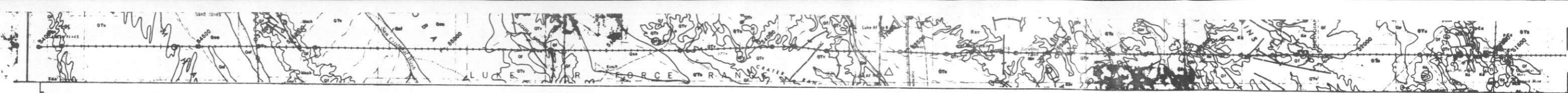
TL/K
0.20/DIV
 BI/TL
0.40/DIV
 BI/K
0.20/DIV
 K
30 C/S/DIV
 TL
10 C/S/DIV
 BI
10 C/S/DIV
 BI COR
10.00/DIV
 TC
400 C/S/DIV
 ALT
100 FT/DIV
 MAG
200 GAMMAS/DIV

P 27

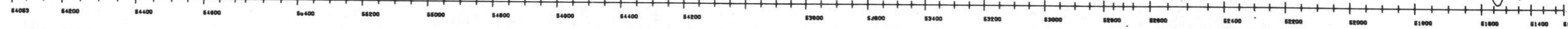
↑ FLAGGED SAMPLE VALUES OF
 K,U,T INDICATES DATA FAILED
 STATISTICAL ADEQUACY TEST



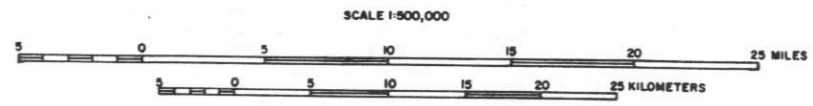
NURE AERIAL GAMMA RAY AND MAGNETIC
 RECONNAISSANCE SURVEY
 COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
 1976-1978
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR
 DEPARTMENT OF ENERGY



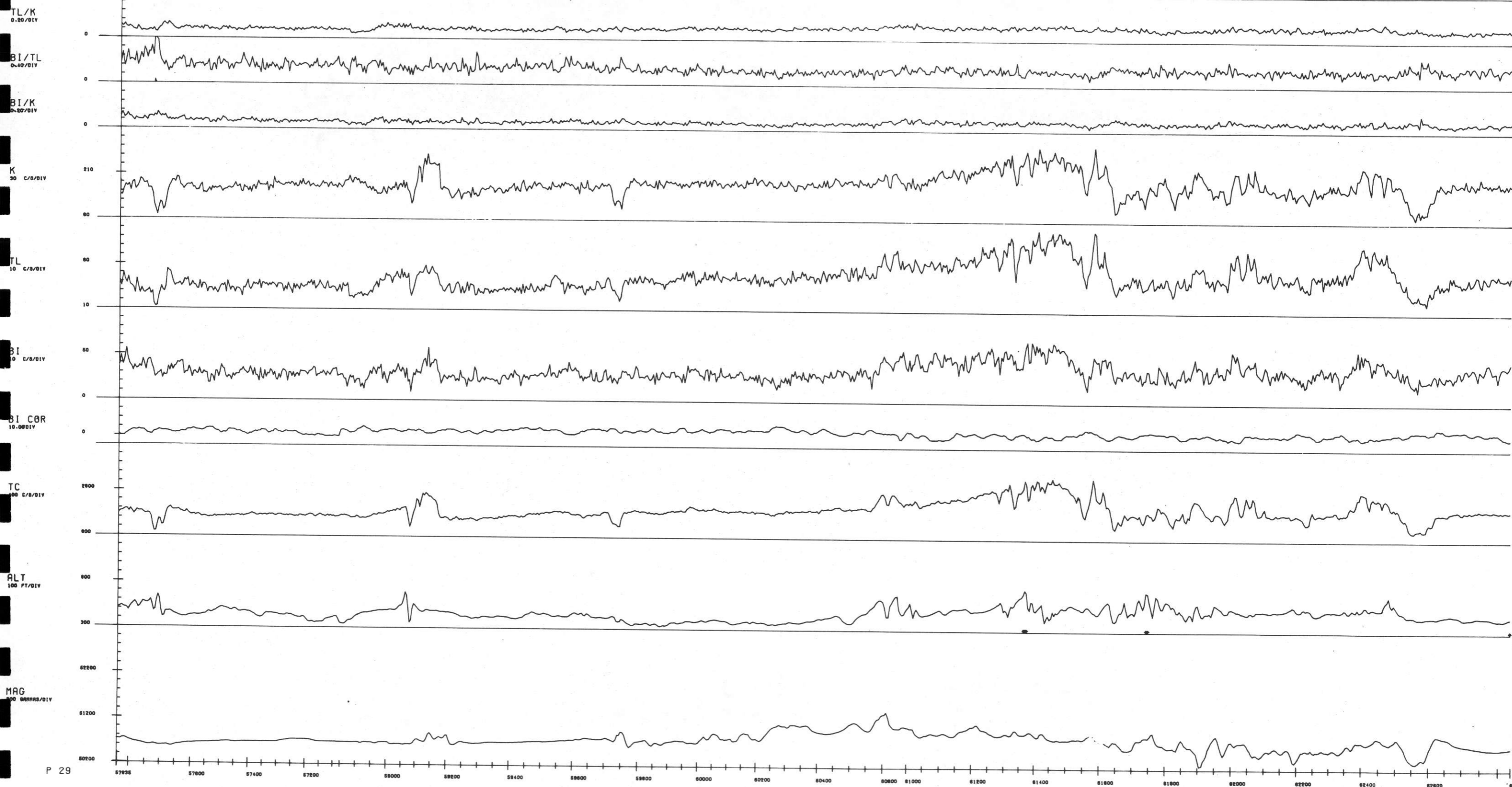
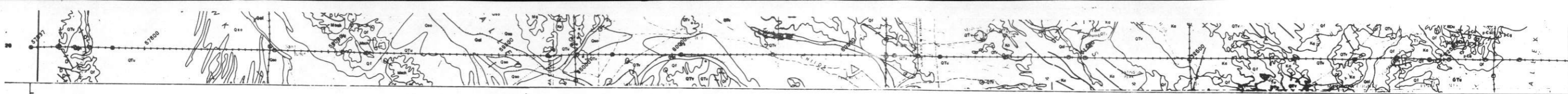
P 28



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

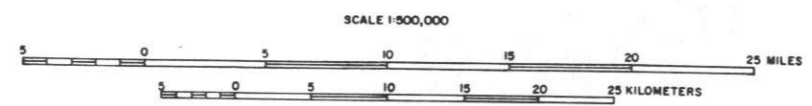


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY

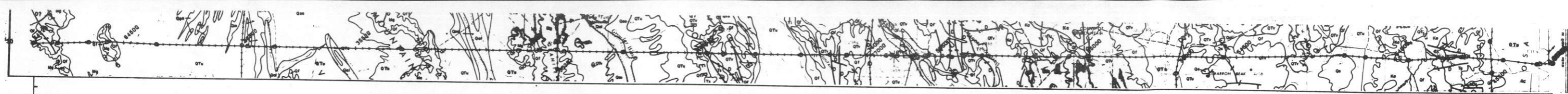


P 29

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



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



TL/K
0.20/DIV

BI/TL
0.40/DIV

BI/K
0.20/DIV

K
30
C/R/DIV

TL
10
C/R/DIV

BI
0
C/R/DIV

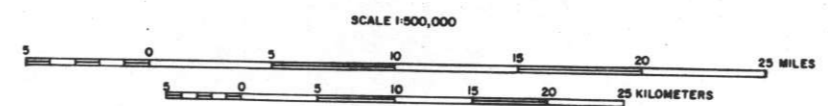
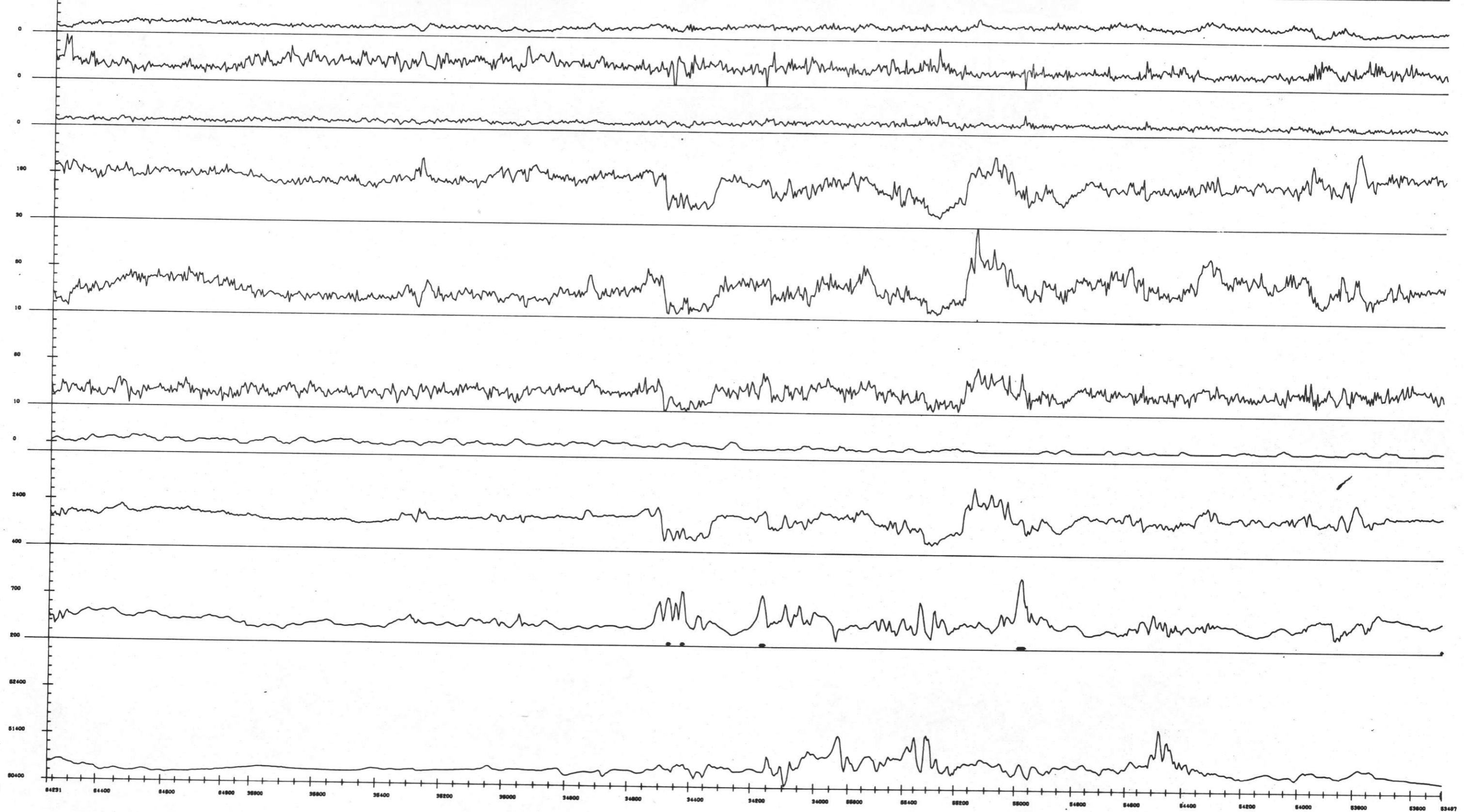
BI COR
10.00/DIV

TC
20
C/R/DIV

ALT
100 FT/DIV

MAG
0.00005/DIV

P 30



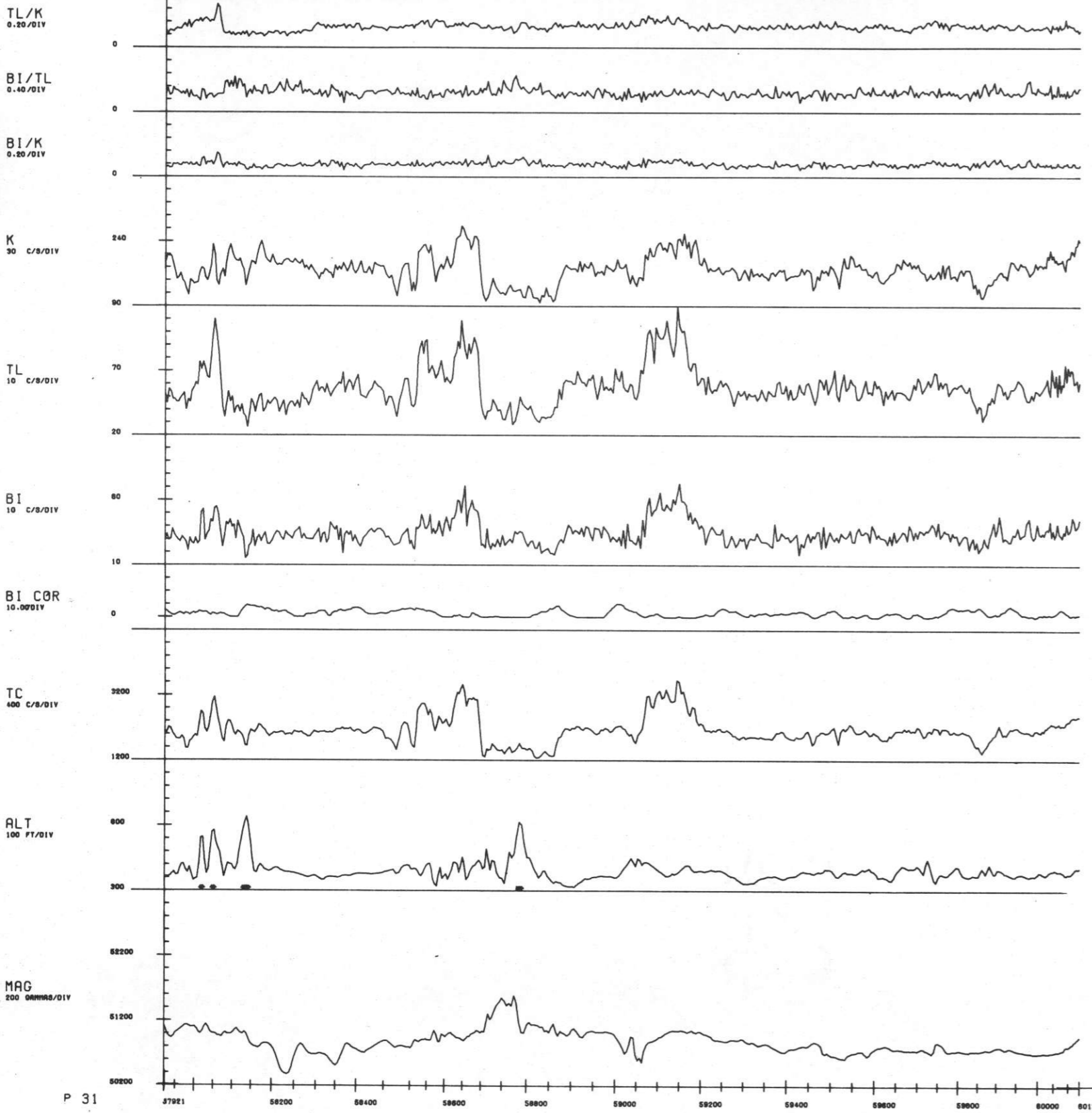
↑ FLAGGED SAMPLE VALUES OF
K, T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978

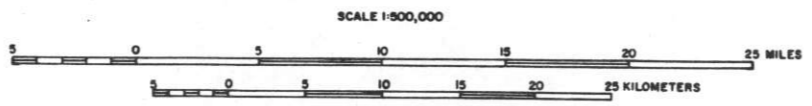
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

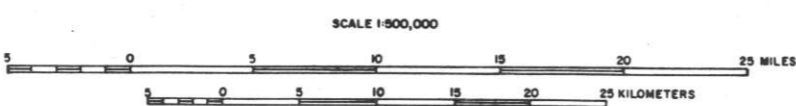
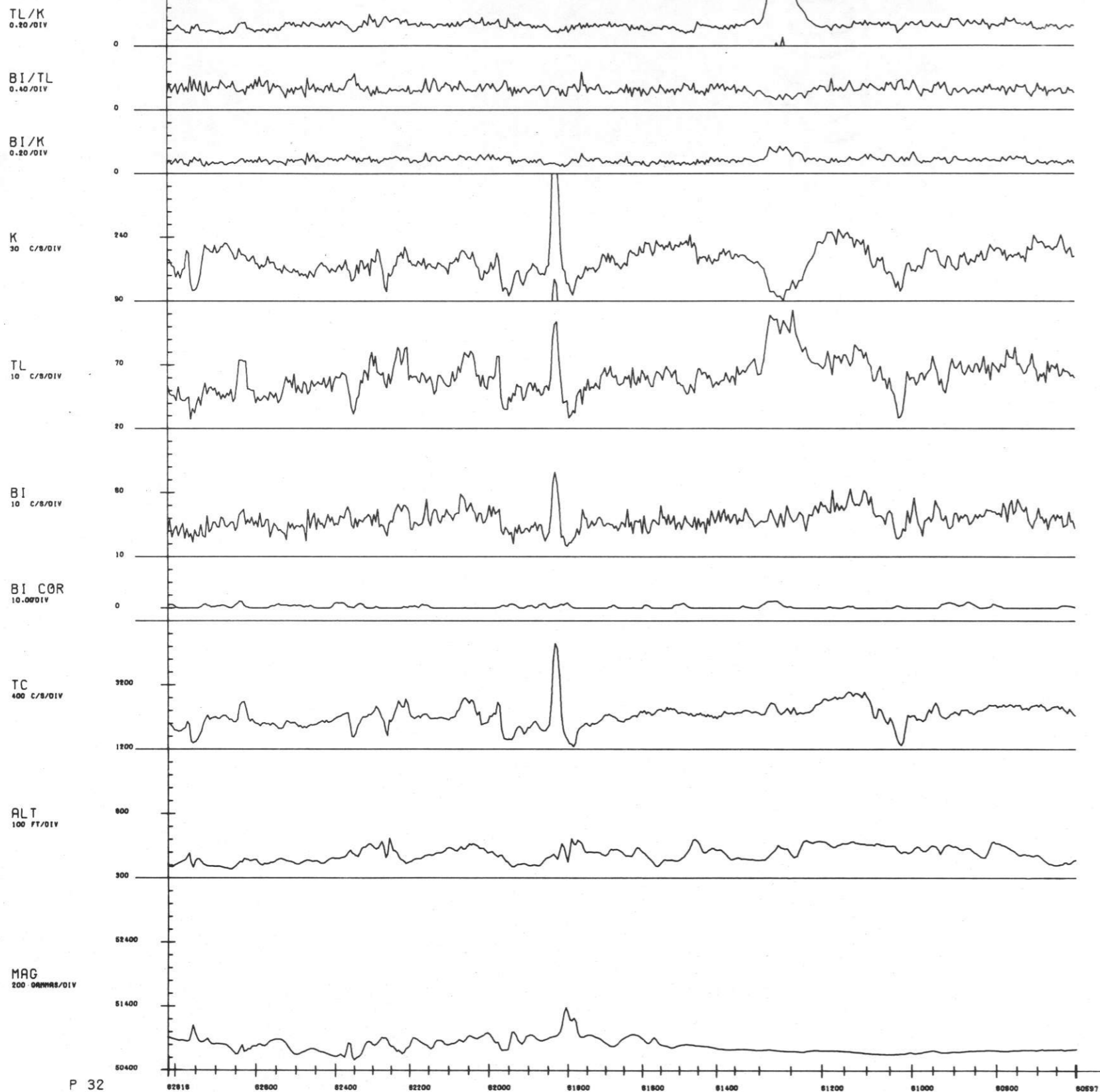


P 31

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



NURE AERIAL GAMMA RAY AND MAGNETIC
 RECONNAISSANCE SURVEY
 COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
 1976-1978
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR
 DEPARTMENT OF ENERGY



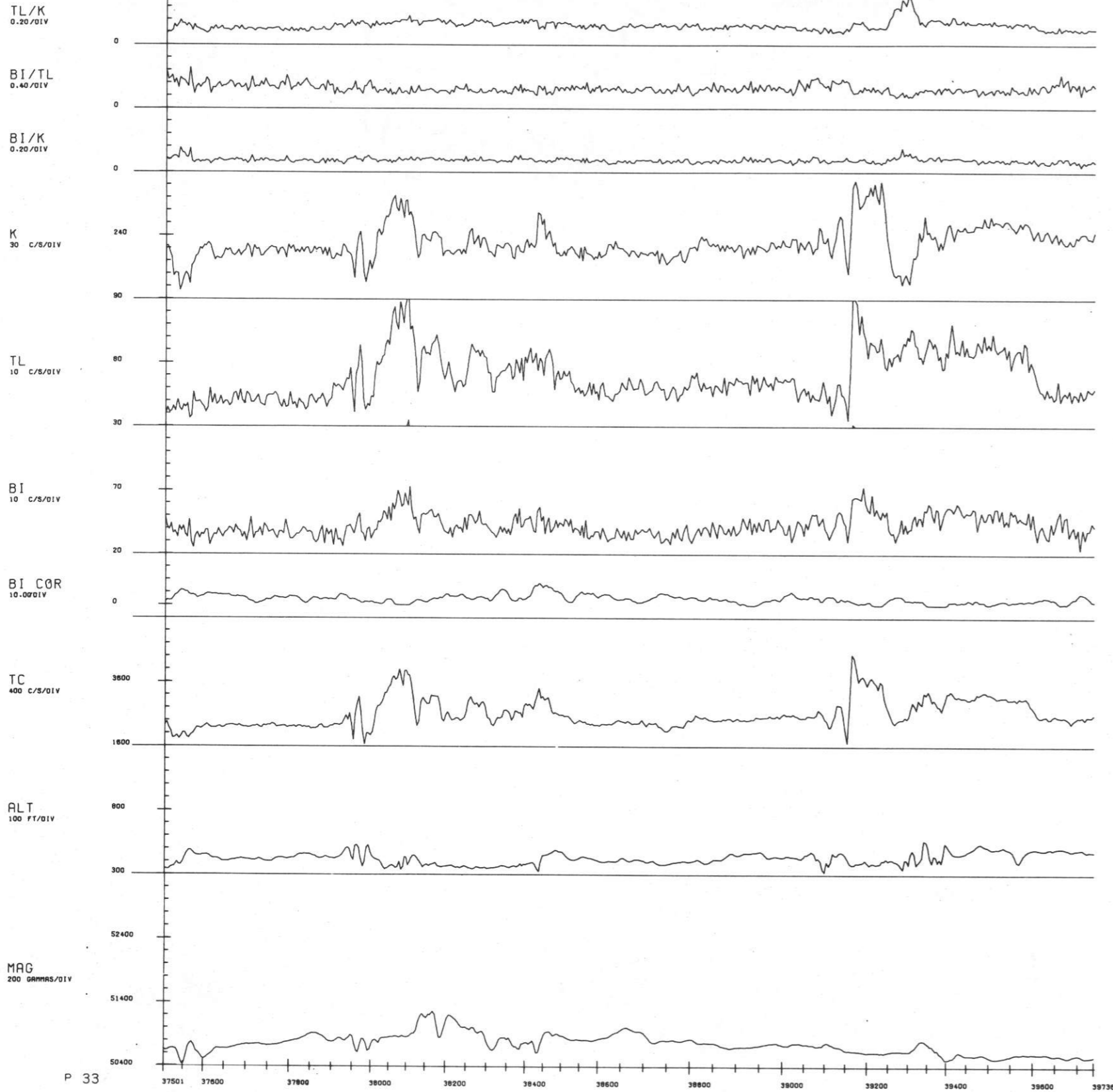
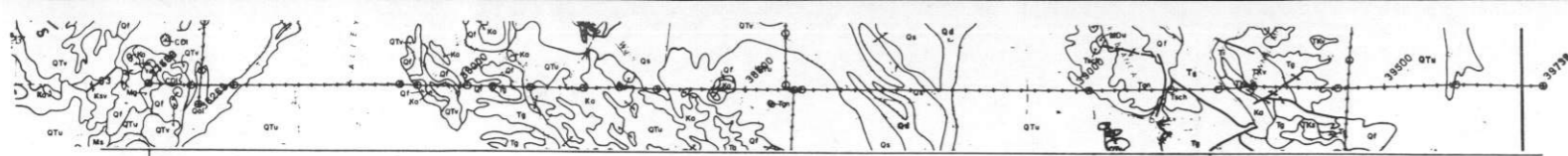
↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

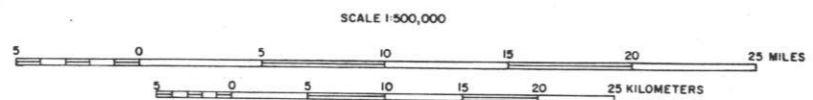
COLORADO, ARIZONA-AJO N1 12-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978

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

PREPARED FOR
DEPARTMENT OF ENERGY



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



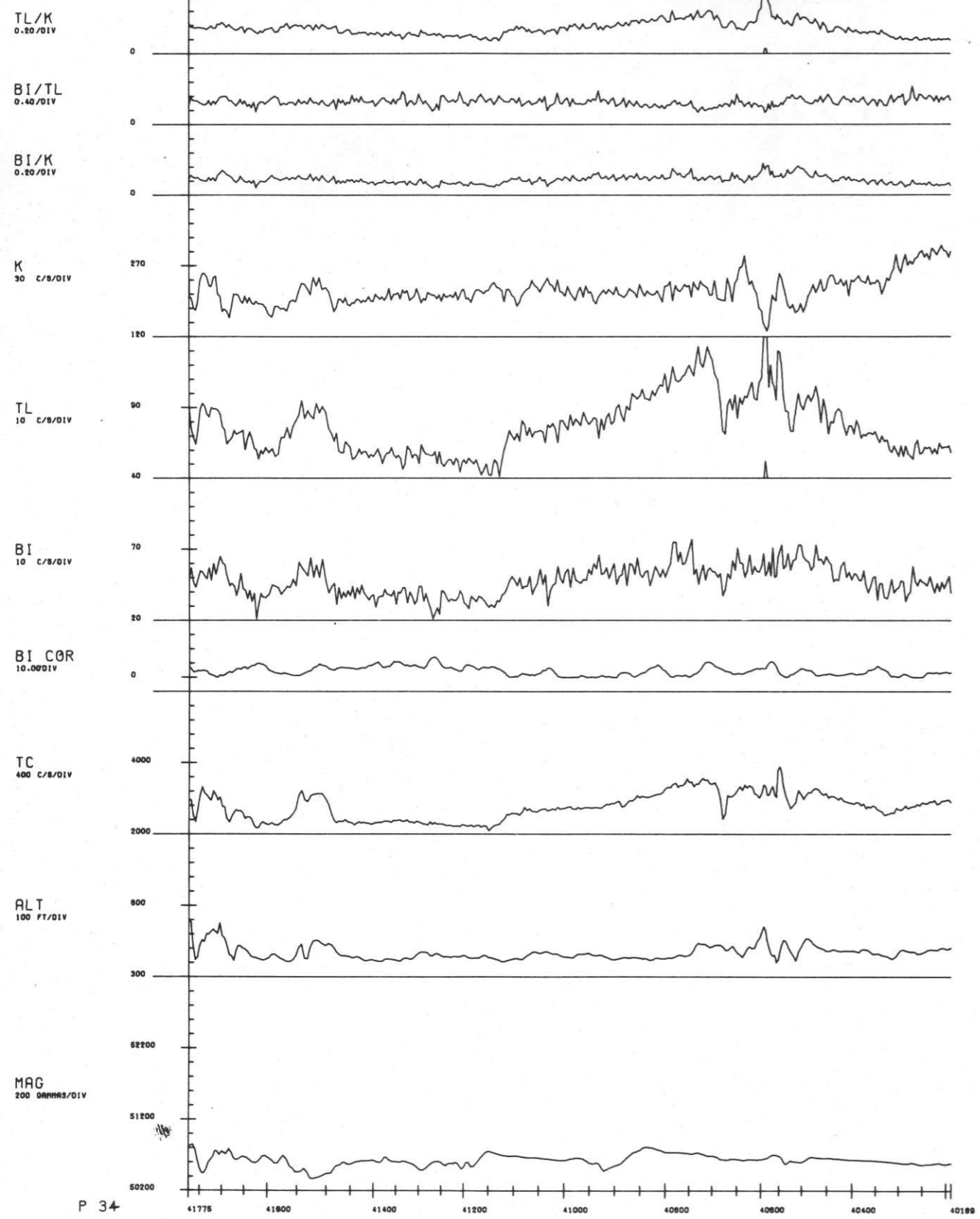
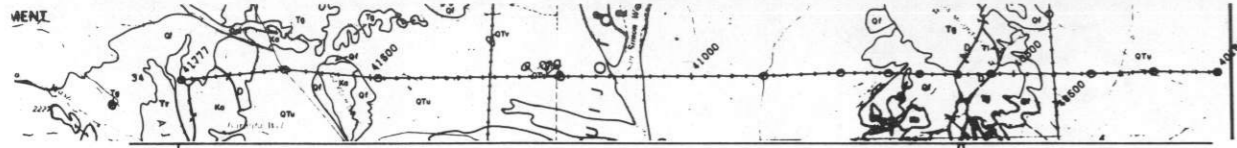
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

1976-1978

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

PREPARED FOR
DEPARTMENT OF ENERGY



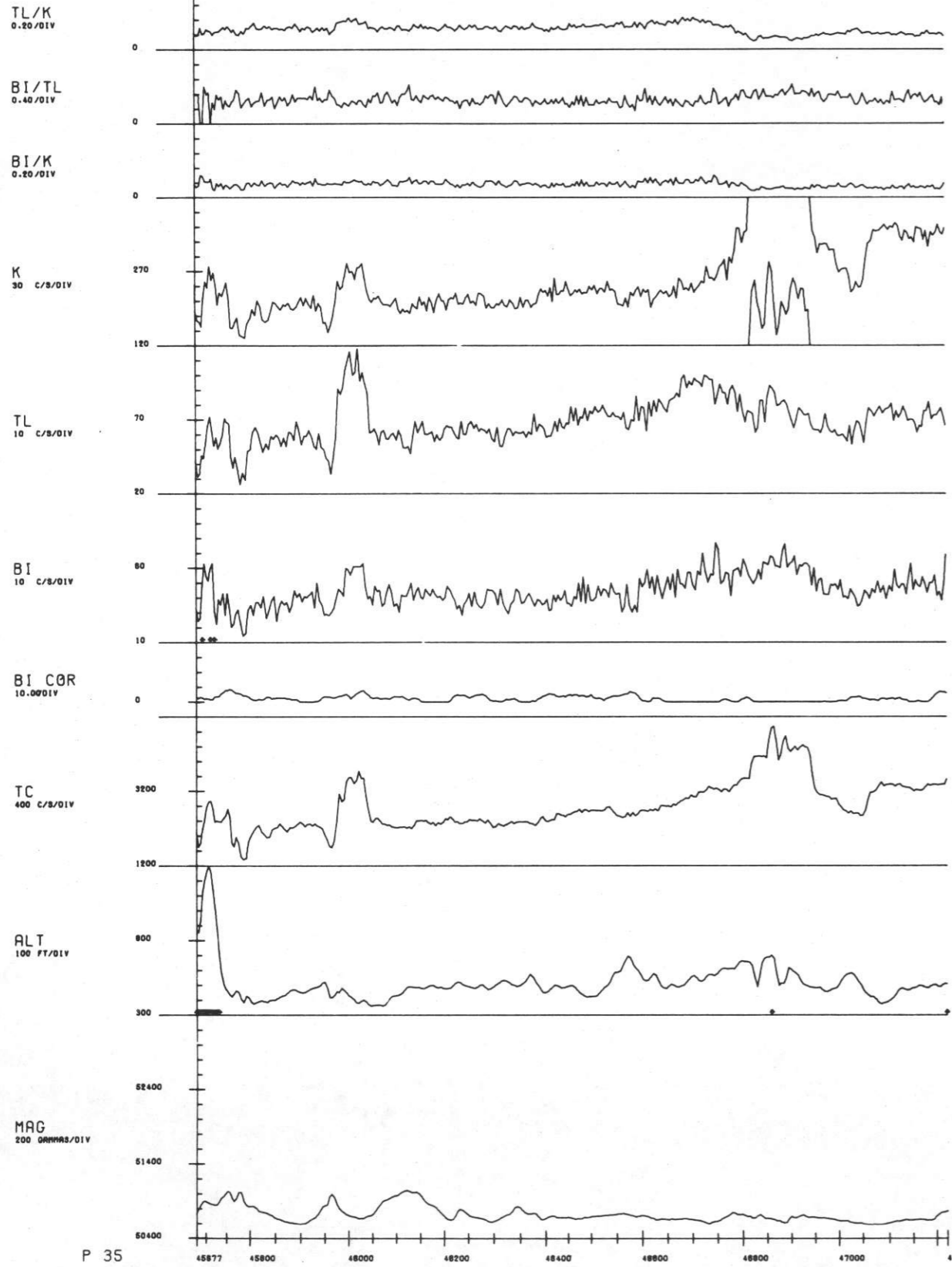
P 34

SCALE 1:500,000

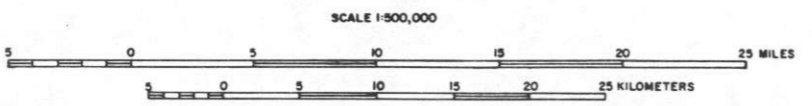


↑ FLAGGED SAMPLE VALUES OF
 K,U,T INDICATES DATA FAILED
 STATISTICAL ADEQUACY TEST

NURE AERIAL GAMMA RAY AND MAGNETIC
 RECONNAISSANCE SURVEY
 COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
 1976-1978
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR
 DEPARTMENT OF ENERGY



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



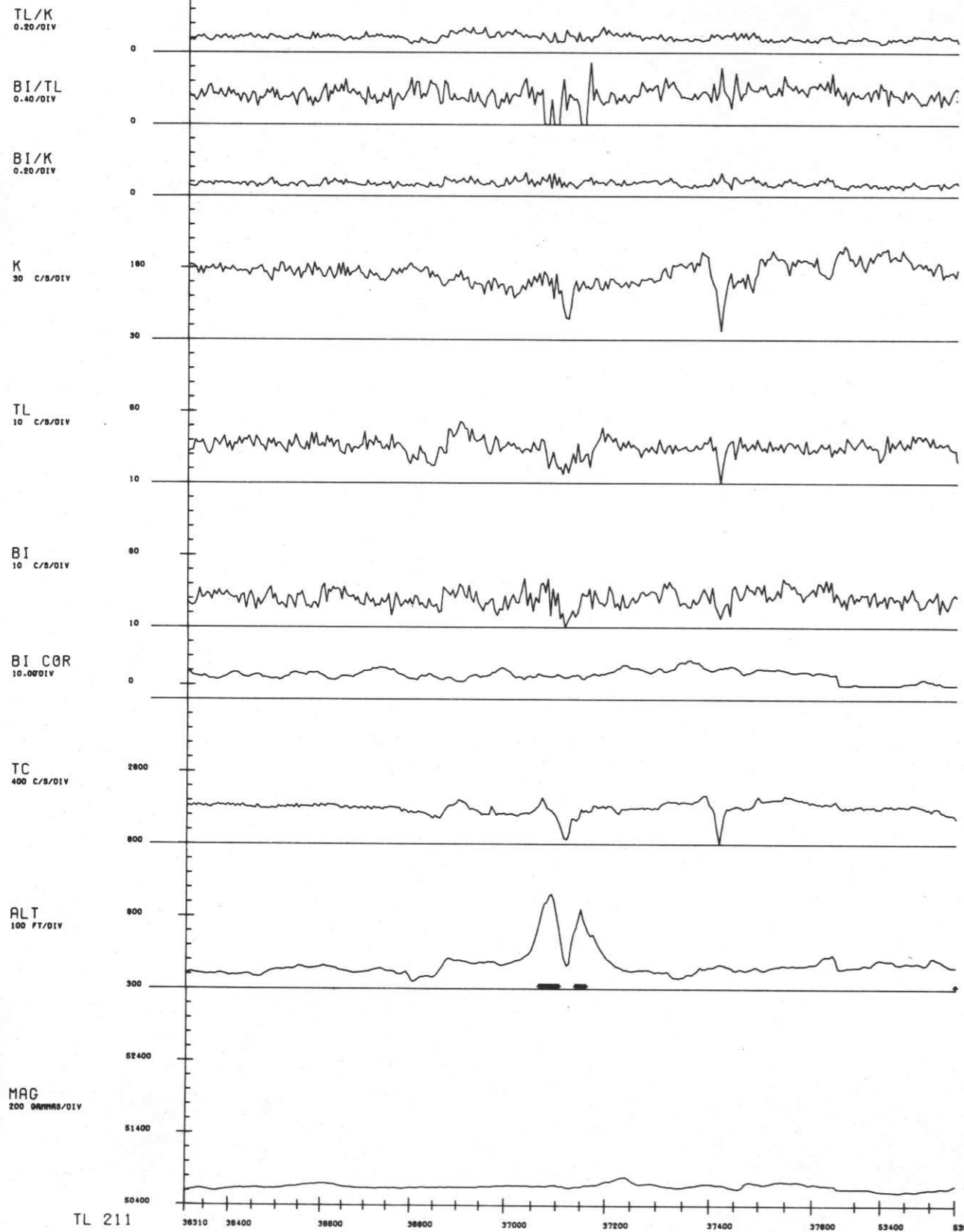
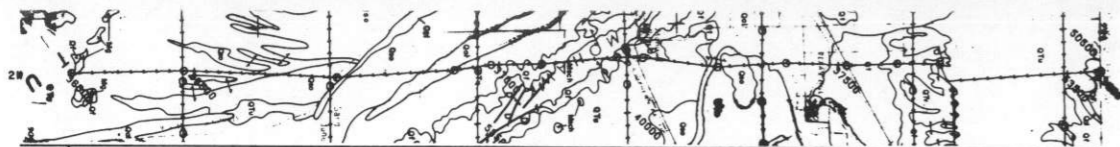
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

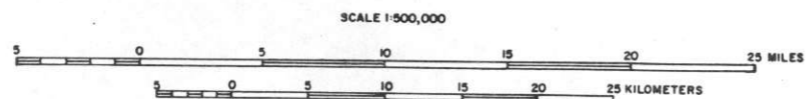
1976-1978

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

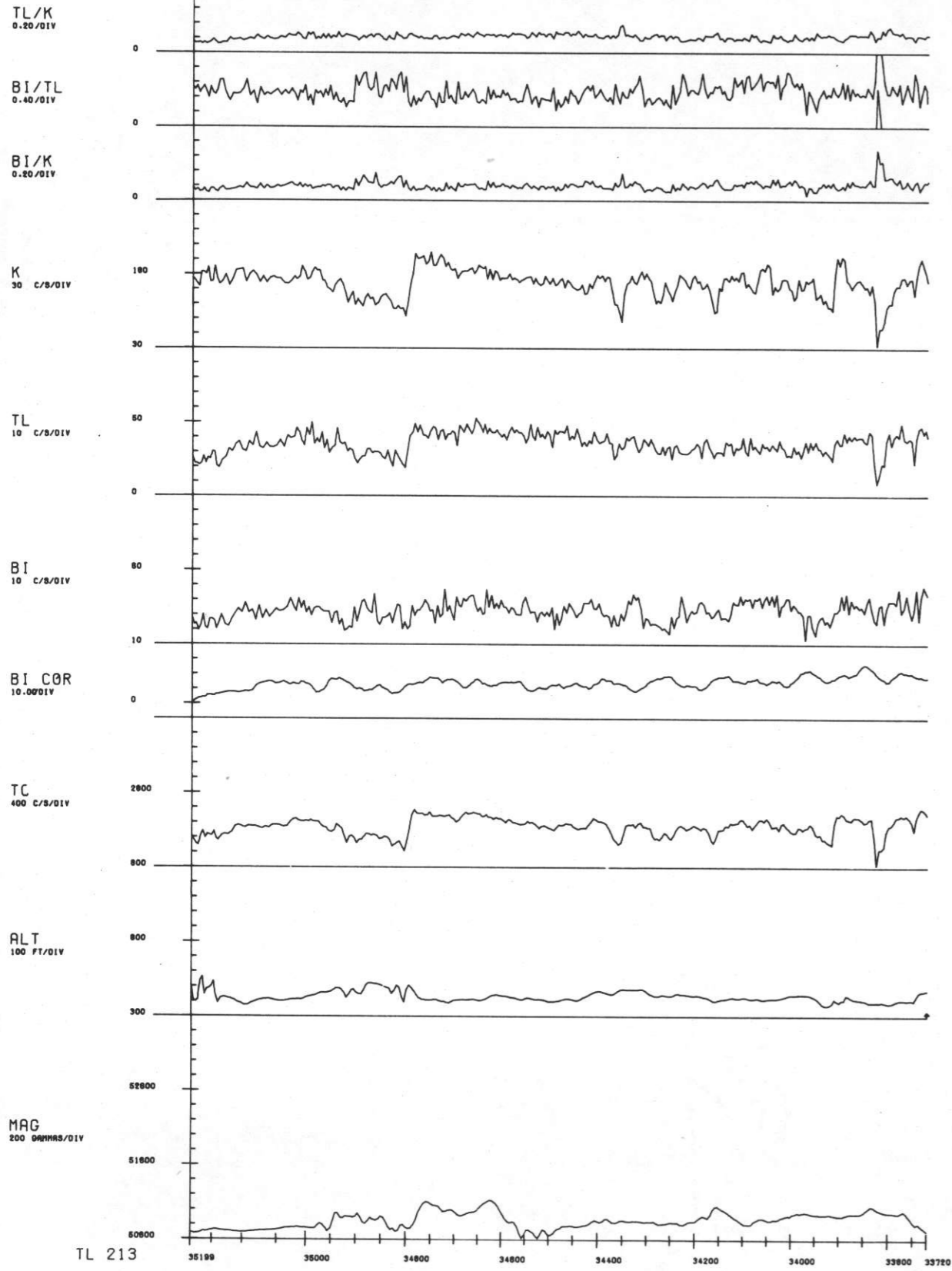
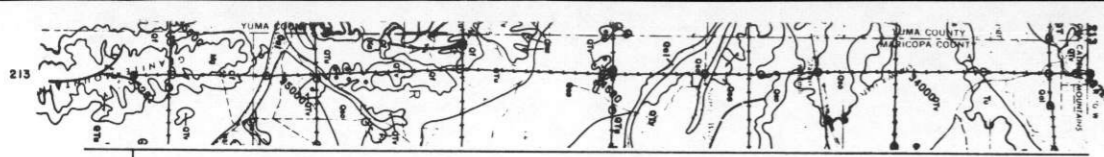
PREPARED FOR
DEPARTMENT OF ENERGY



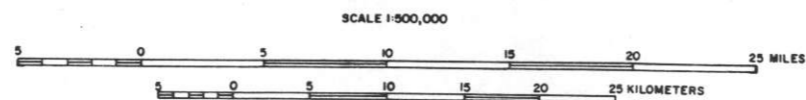
↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



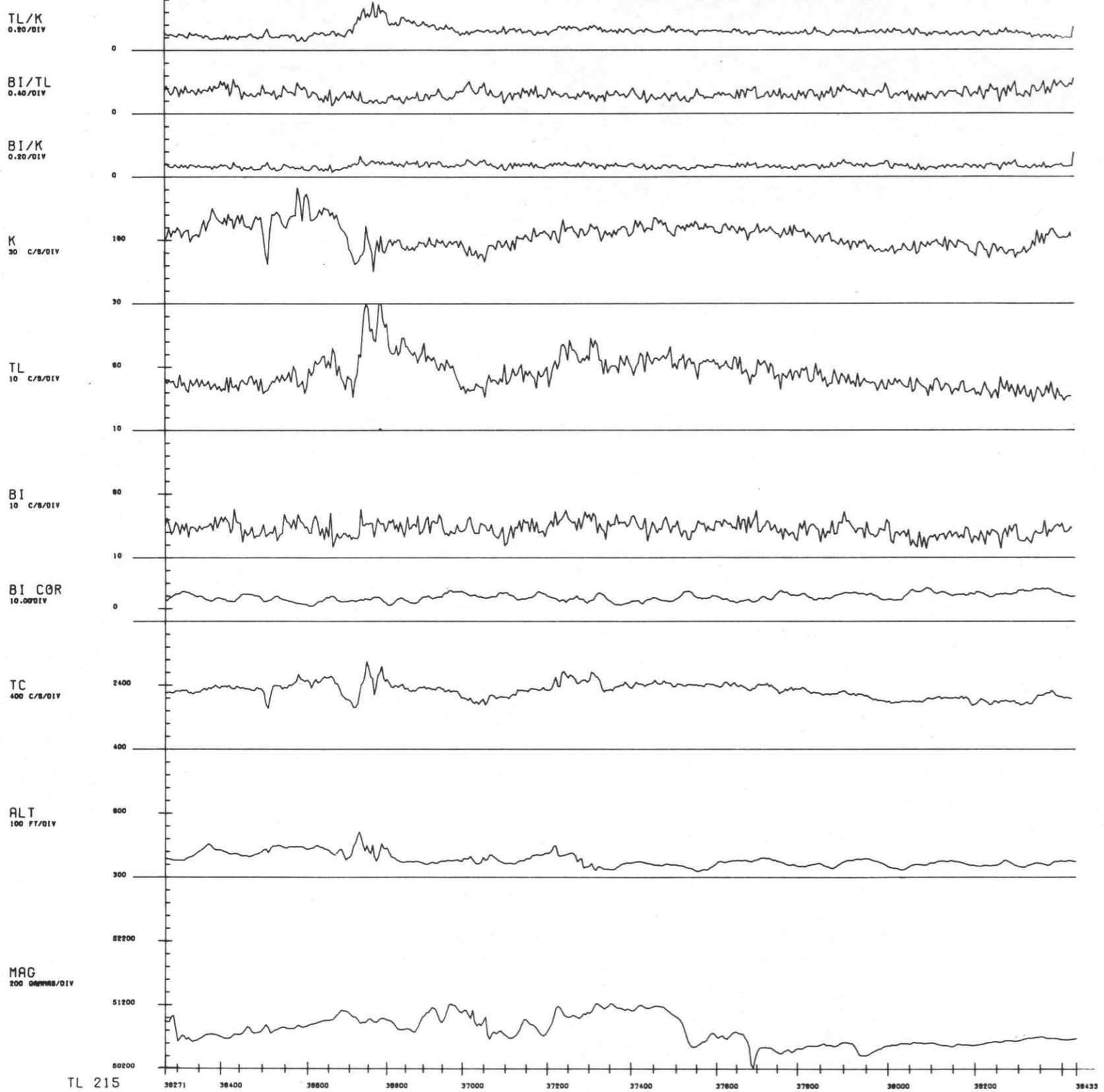
NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES 1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR DEPARTMENT OF ENERGY



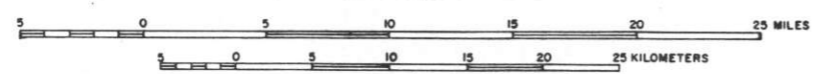
↑ FLAGGED SAMPLE VALUES OF
K, T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



<p>NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY</p> <p>COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES 1976-1978</p> <p>BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006</p> <p>PREPARED FOR DEPARTMENT OF ENERGY</p>

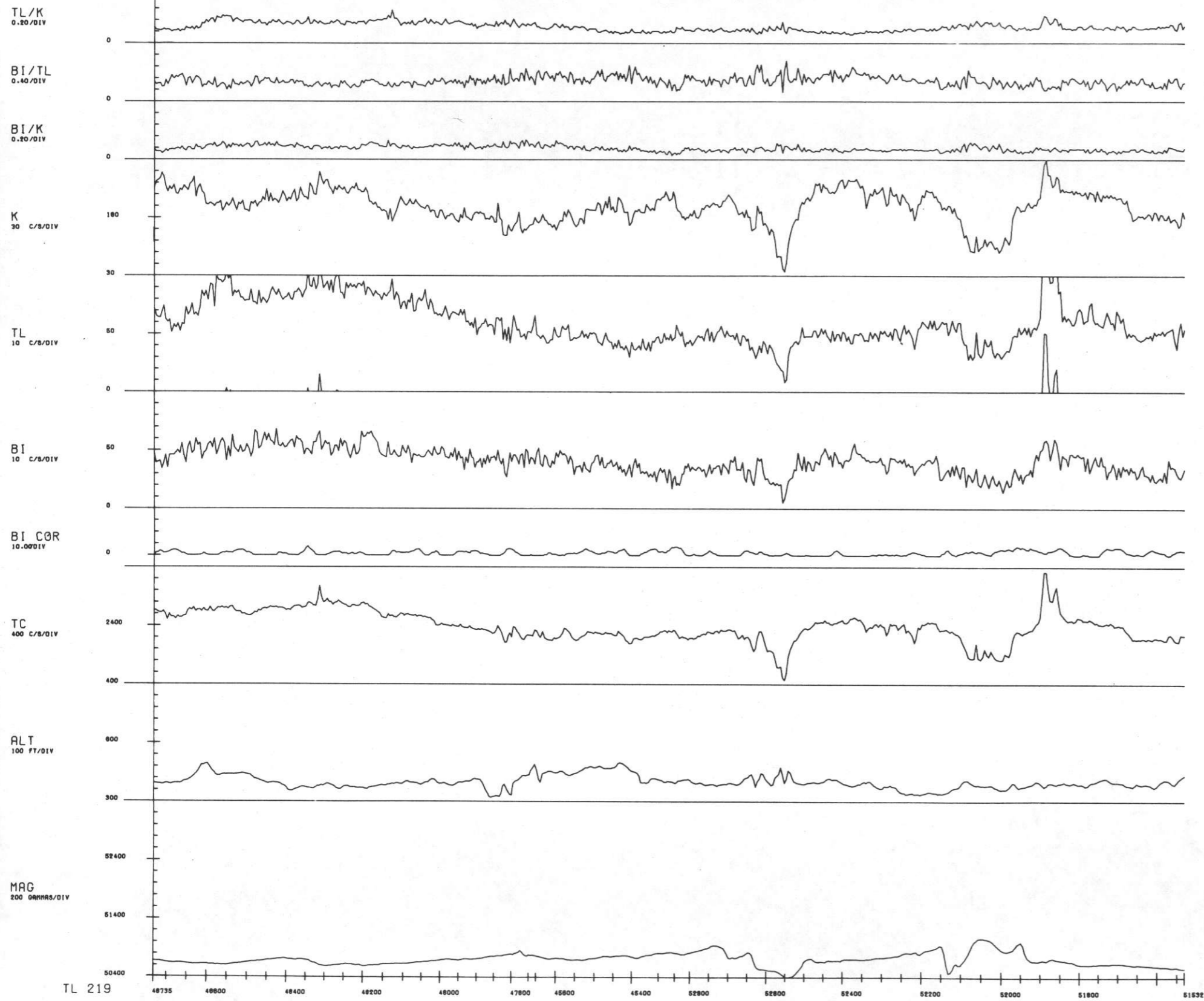
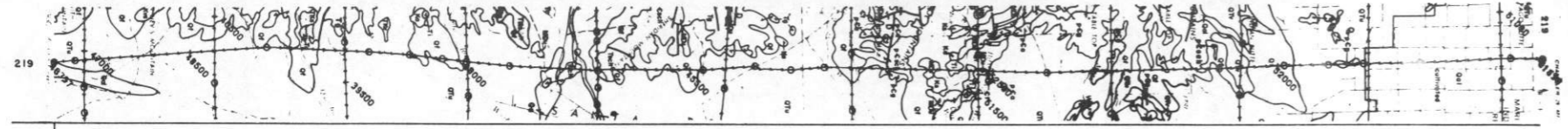


SCALE 1:500,000

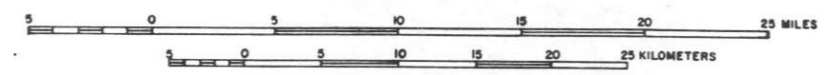


↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



SCALE 1:500,000



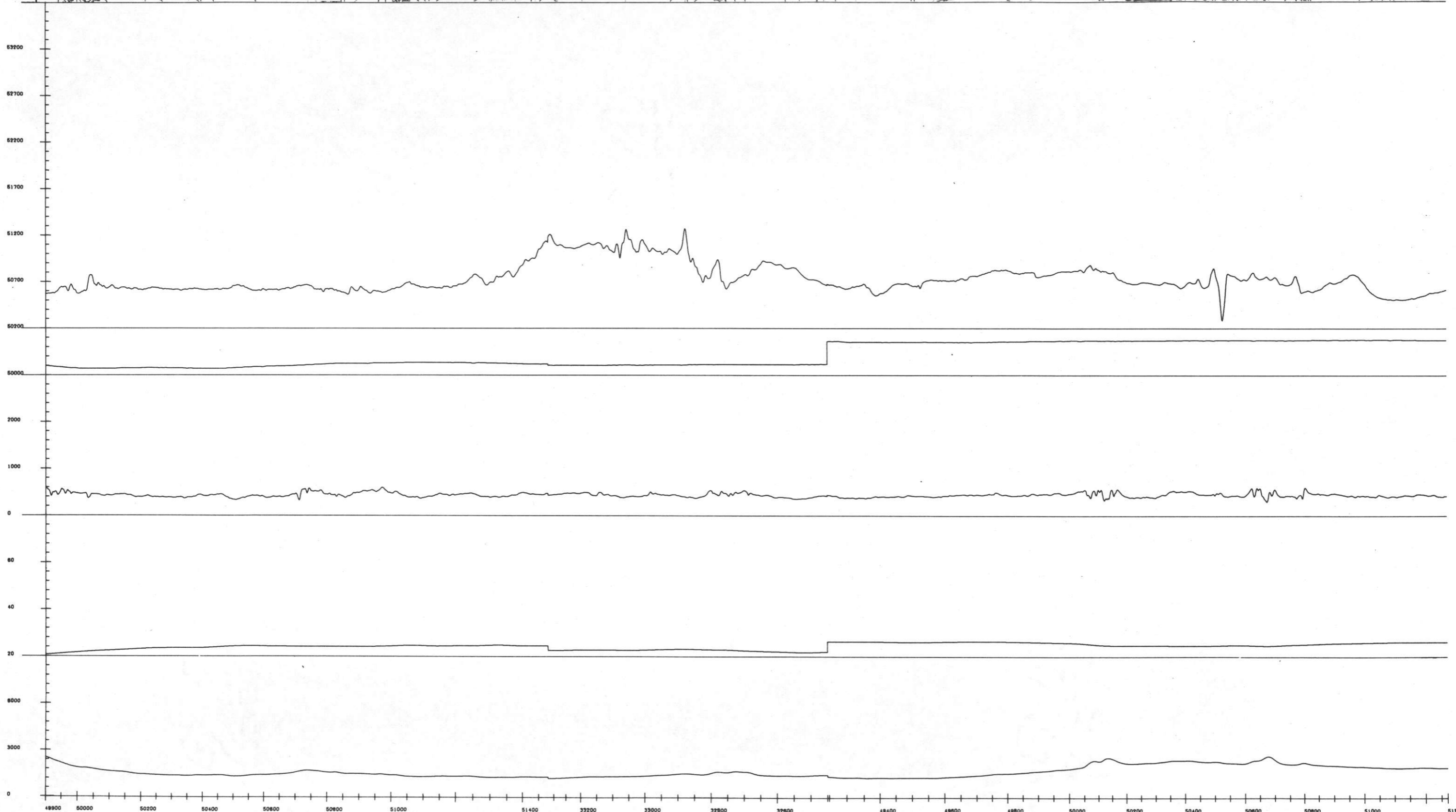
↑ FLAGGED, SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978

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

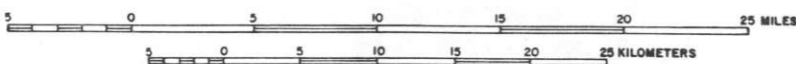
PREPARED FOR
DEPARTMENT OF ENERGY



P 24

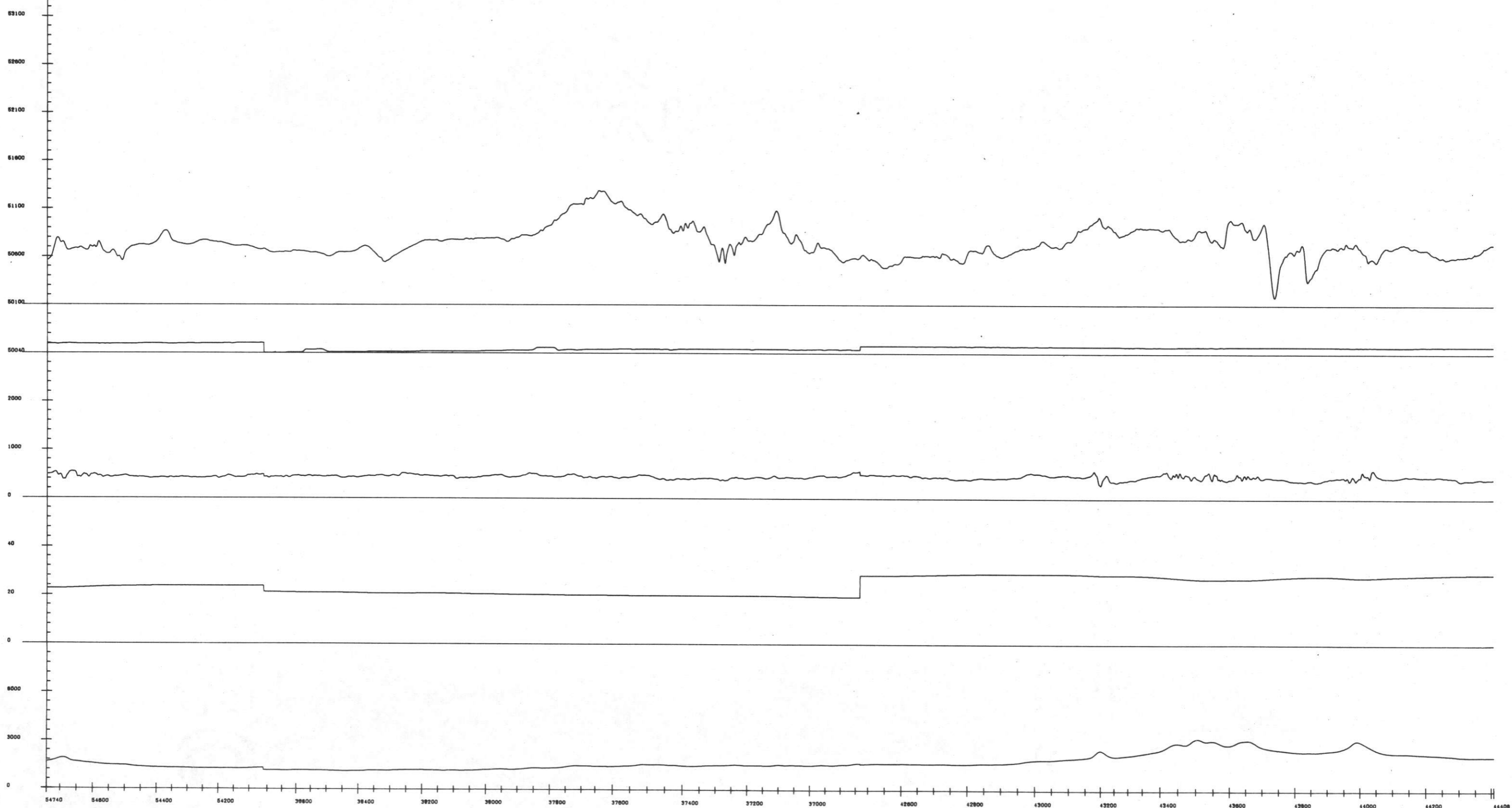
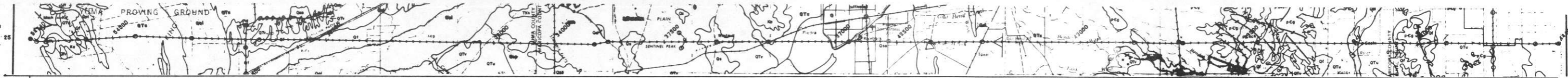
49800 50000 50200 50400 50600 50800 51000 51400 53200 53000 52800 52600 52400 52200 52000 50000 50200 50400 50600 50800 51000 51200

SCALE 1:500,000



↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



MAG
100 GAUSS/DIV

DIURNAL
10 GAUSS/DIV

ALT
200 FT/DIV

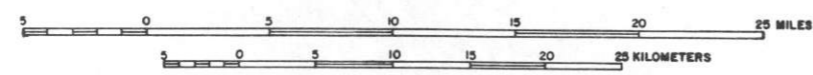
TEMP
1.00 DEGREES/DIV

BAR ALT
100 FT/DIV

P 25

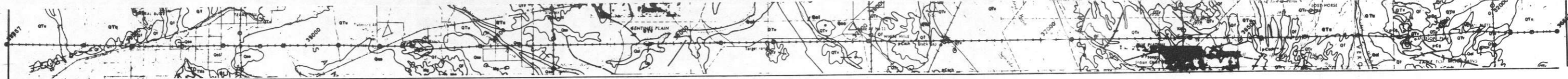
54740 54800 54400 54200 39800 38400 38200 38000 37800 37600 37400 37200 37000 42800 42600 43000 43200 43400 43800 43900 44000 44200 44400

SCALE 1:500,000

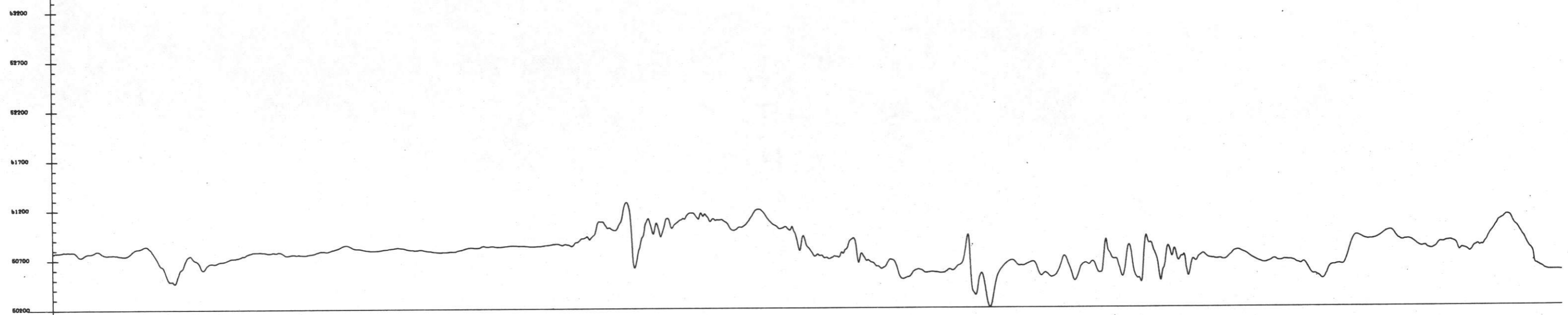


↑ EXCEEDS ALTITUDE SPECIFICATIONS

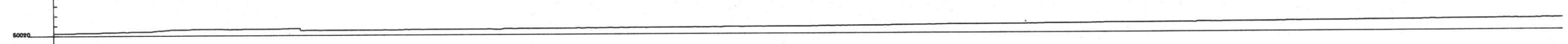
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



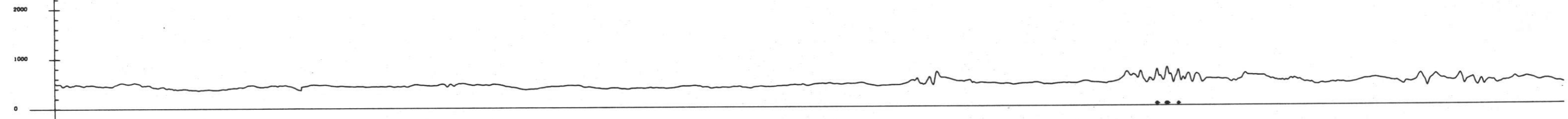
MAG
100 GAMMAS/DIV



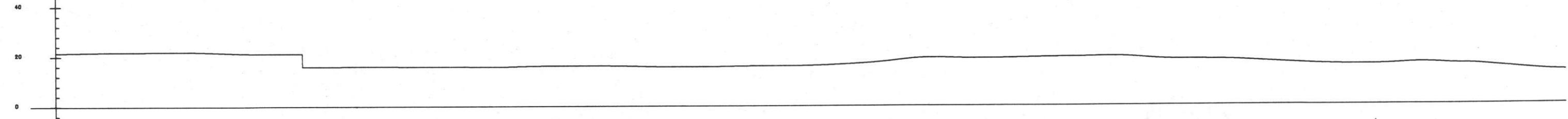
DIURNAL
20 GAMMAS/DIV



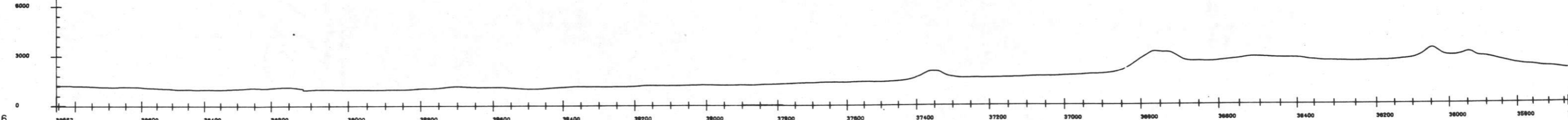
ALT
200 FT/DIV



TEMP
4.00 DEGREES/DIV



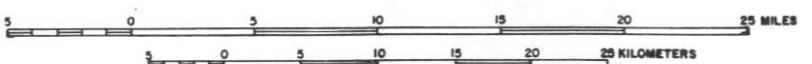
BAR ALT
600 FT/DIV



P 26

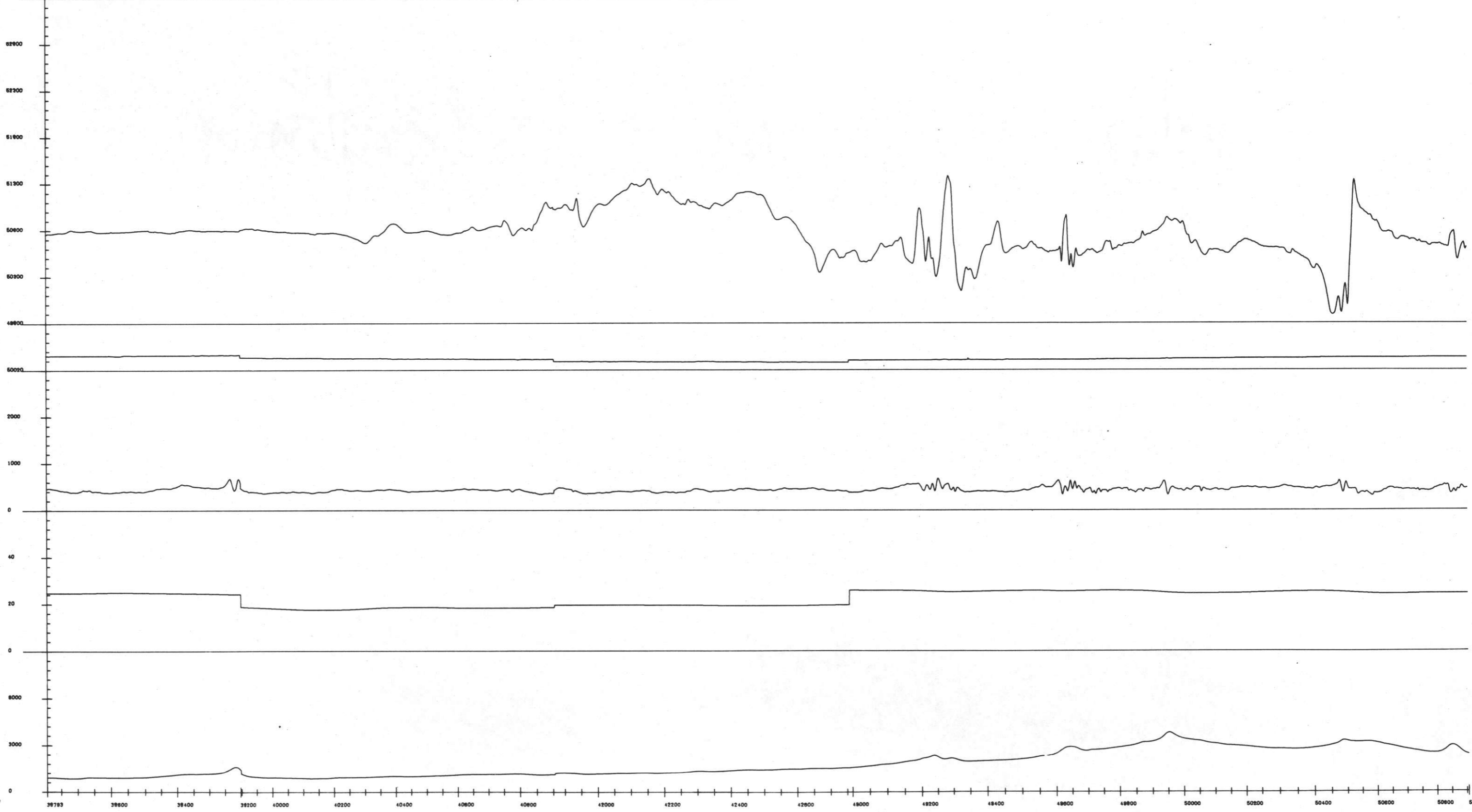
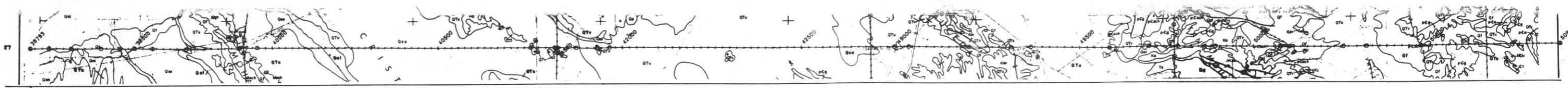


SCALE 1:500,000



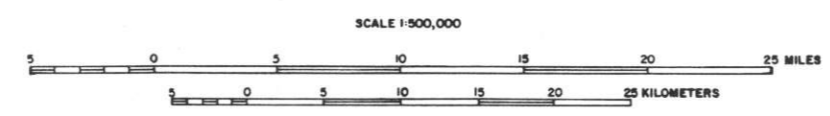
↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



P 27

↑ EXCEEDS ALTITUDE SPECIFICATIONS

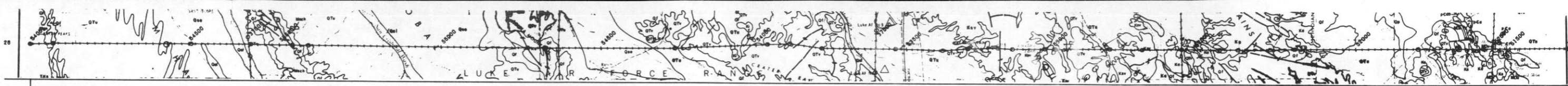


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

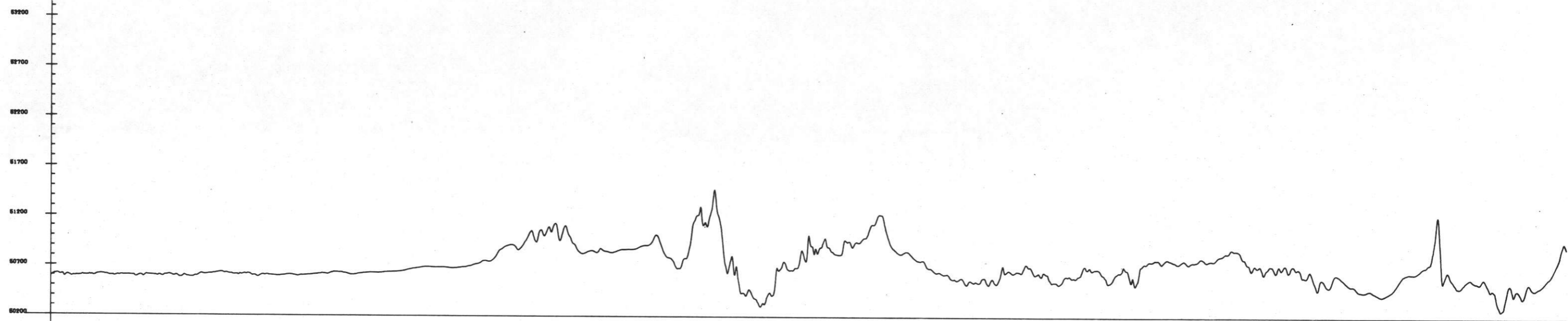
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

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

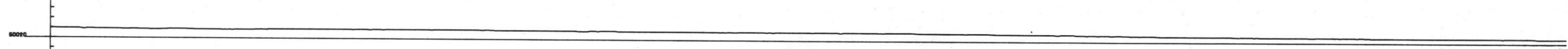
PREPARED FOR
DEPARTMENT OF ENERGY



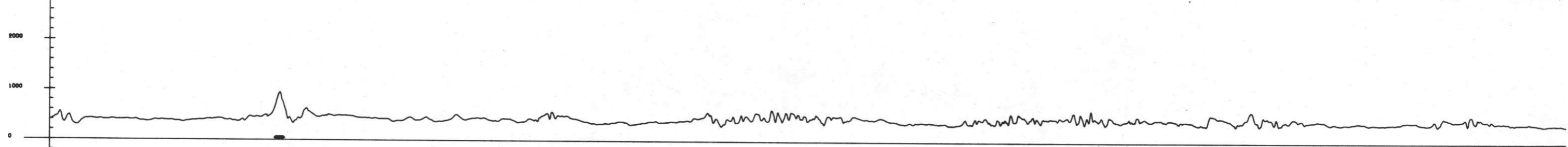
MAG
100 GAMMAS/DIV



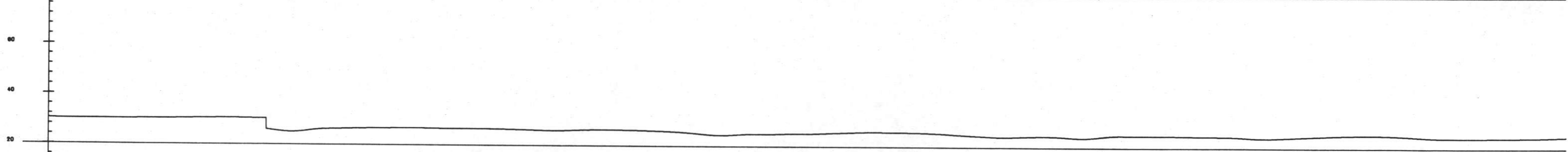
DIURNAL
20 GAMMAS/DIV



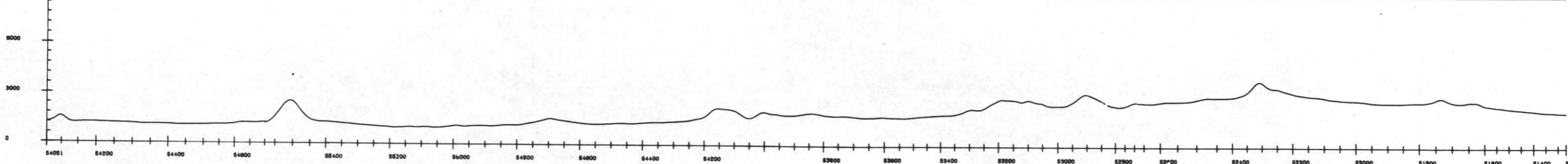
ALT
200 FT/DIV



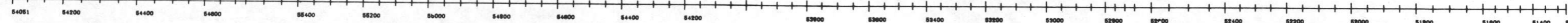
TEMP
4.00 DEGREES/DIV



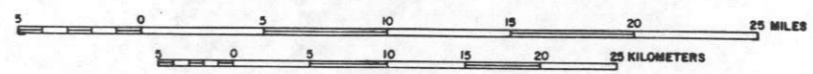
BAR ALT
300 FT/DIV



P 28

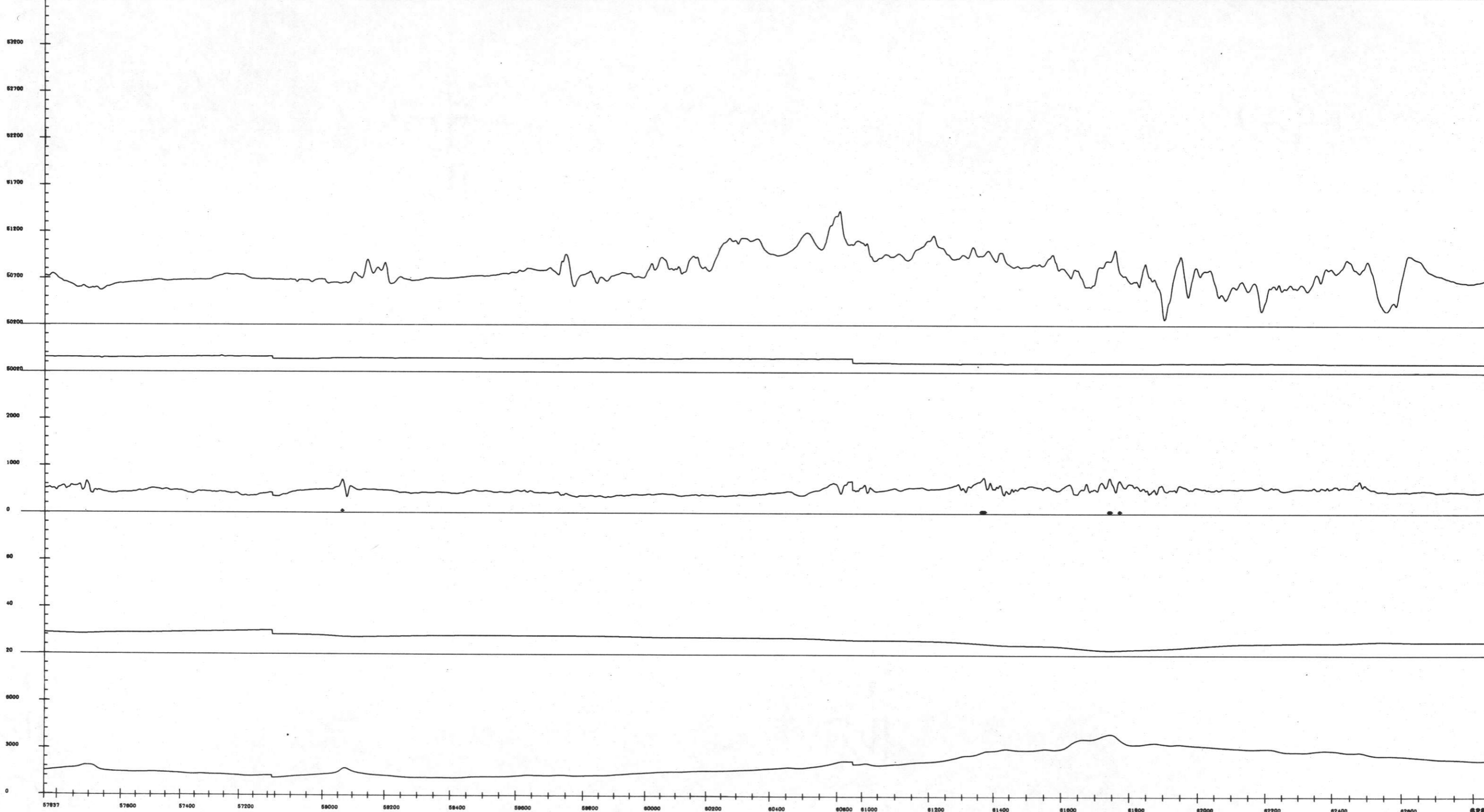
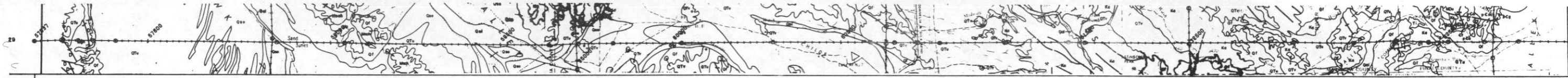


SCALE 1:500,000



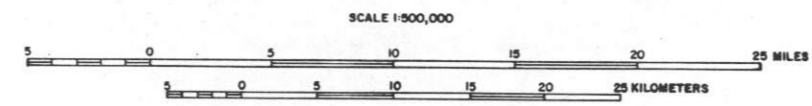
↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



P 29

↑ EXCEEDS ALTITUDE SPECIFICATIONS

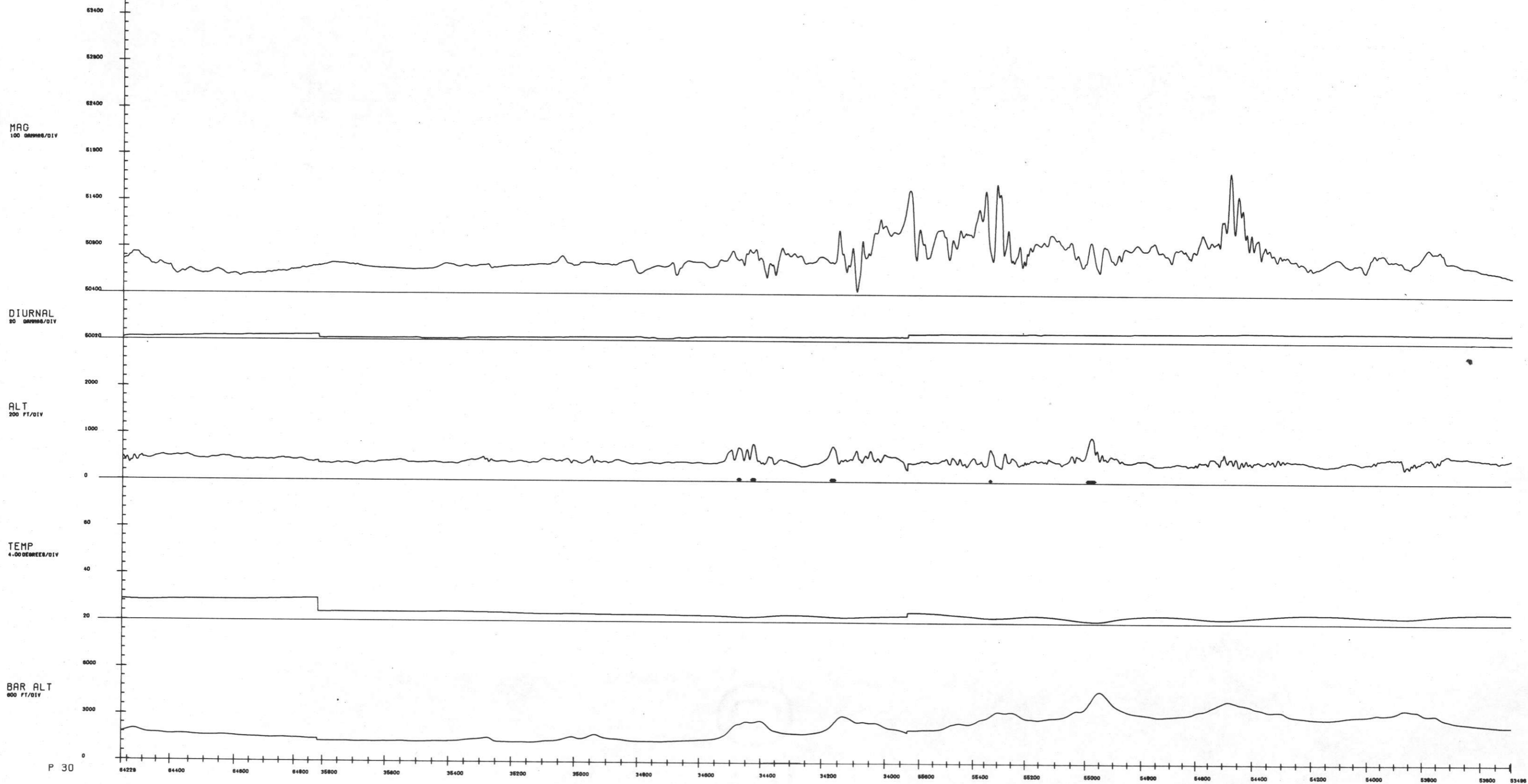
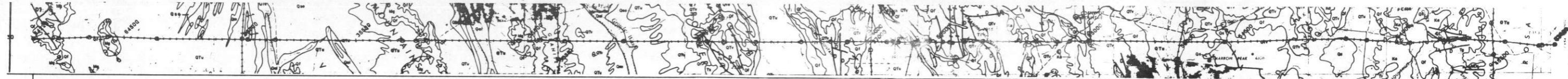


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

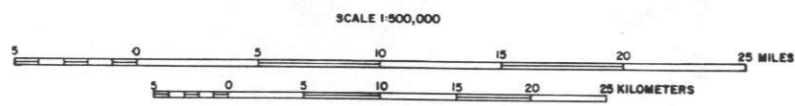
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

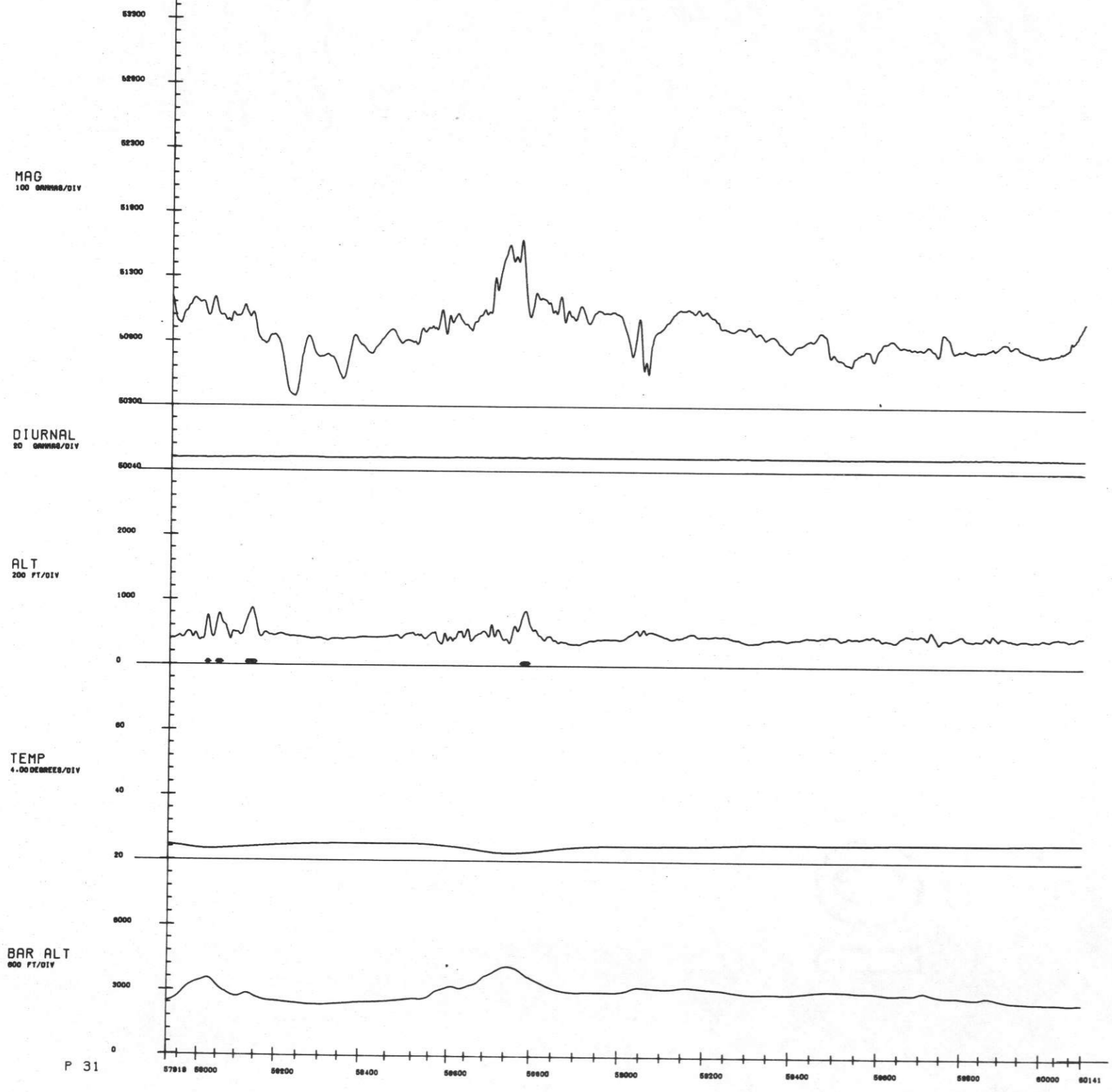
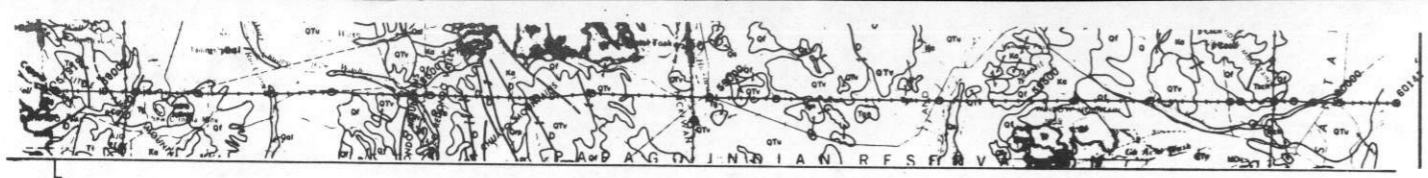


P 30

↑ EXCEEDS ALTITUDE SPECIFICATIONS

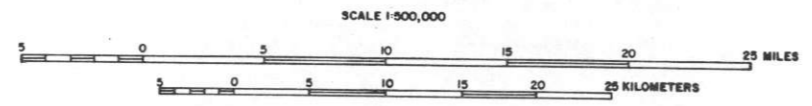


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



P 31

↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

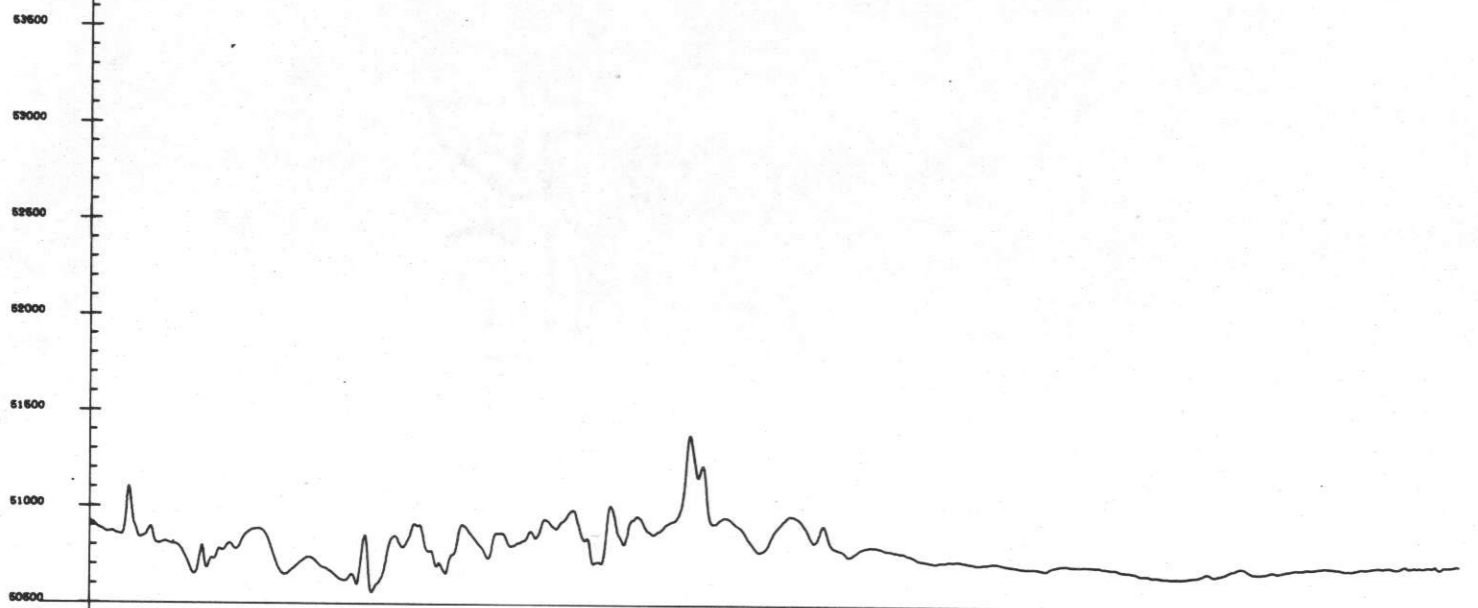
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

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

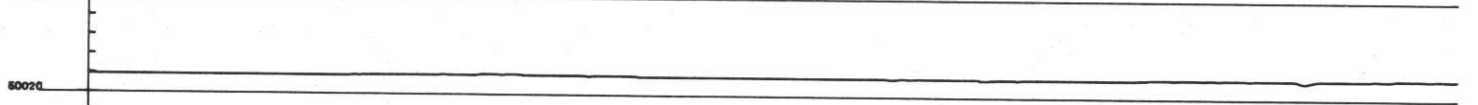
PREPARED FOR
DEPARTMENT OF ENERGY



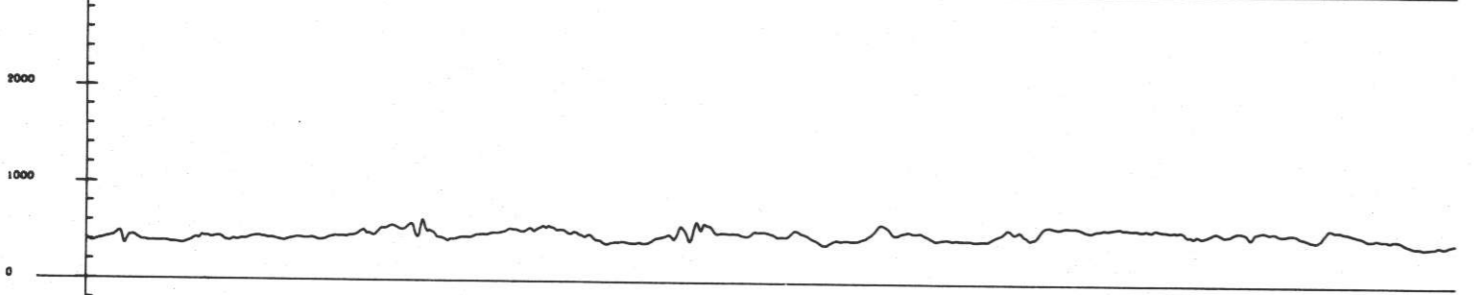
MAG
100 GAUSS/DIV



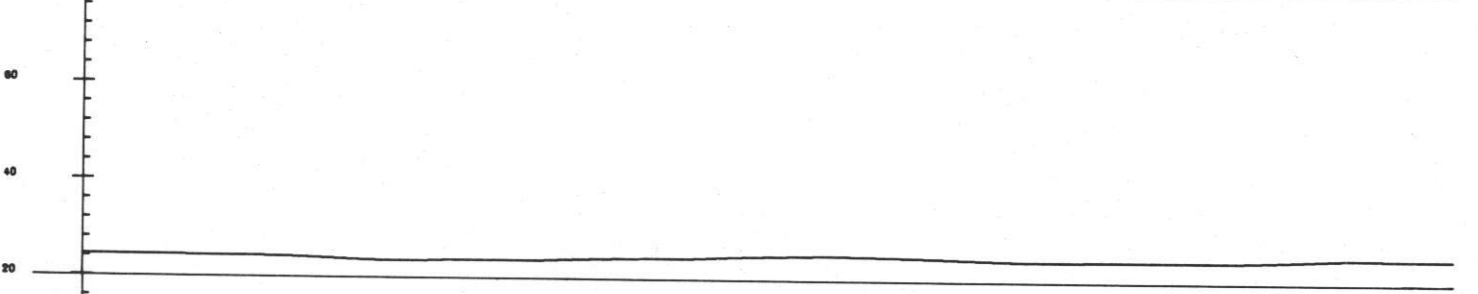
DIURNAL
20 GAUSS/DIV



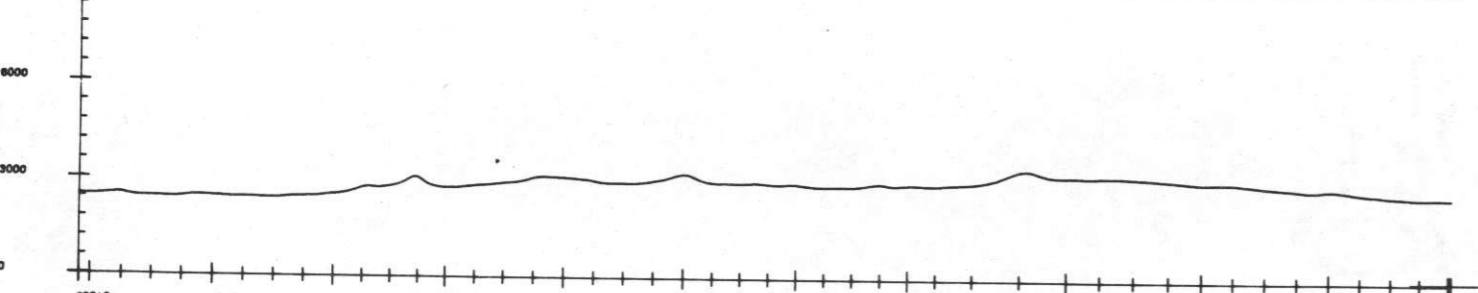
ALT
200 FT/DIV



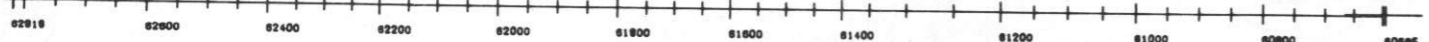
TEMP
4.00 DEGREE/DIV



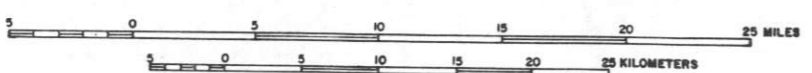
BAR ALT
800 FT/DIV



P 32



SCALE 1:500,000

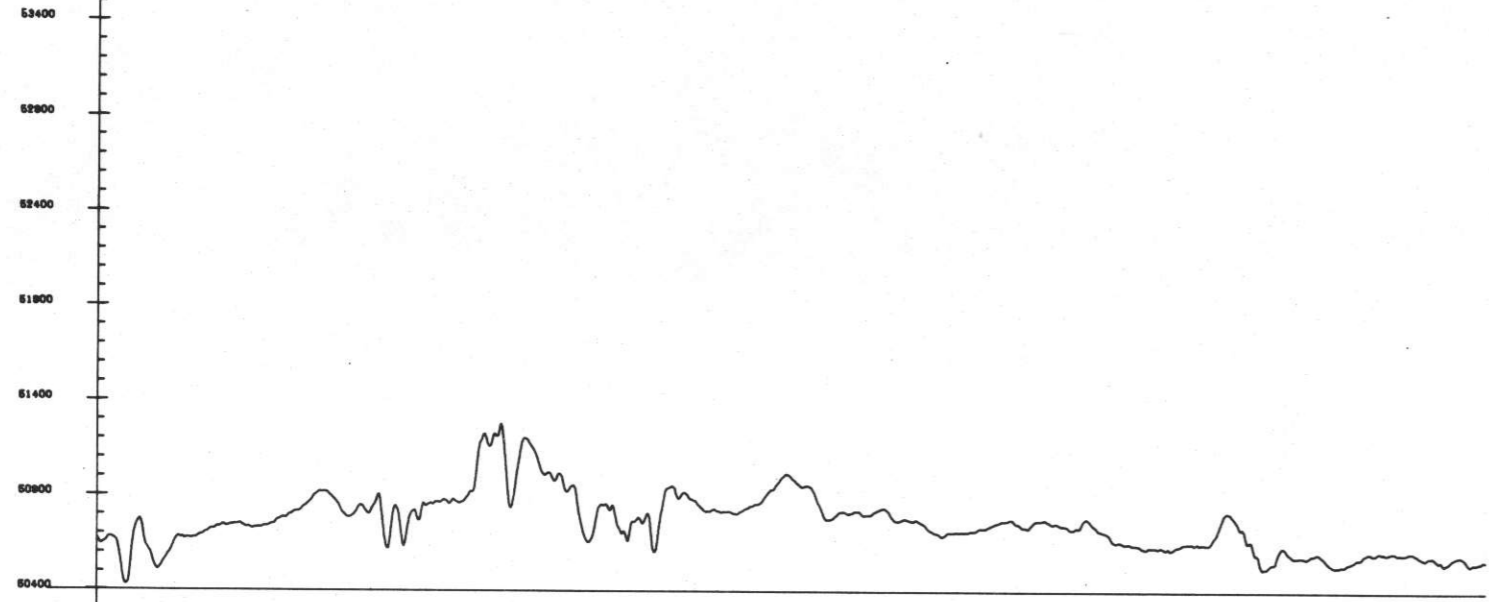


↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



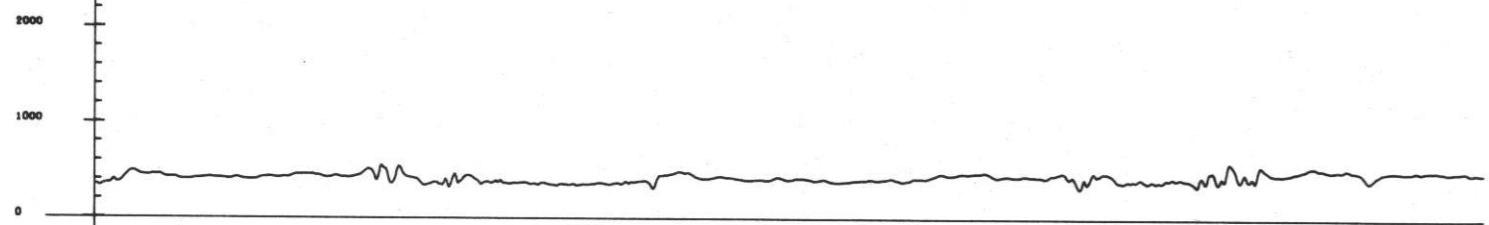
MAG
100 GAUSS/DIV



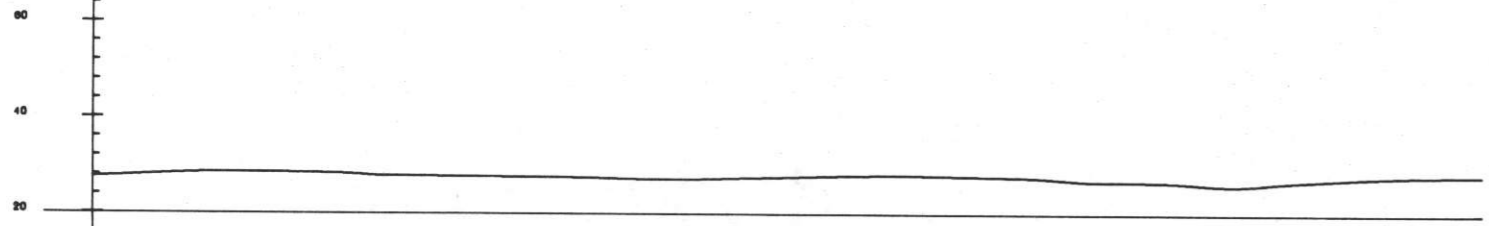
DIURNAL
20 GAUSS/DIV



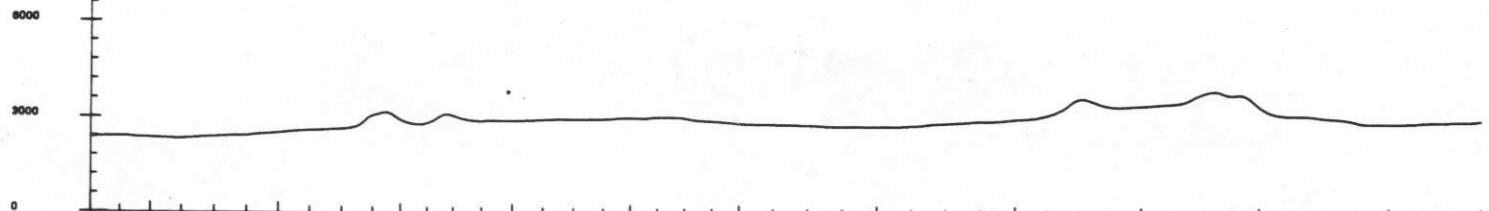
ALT
200 FT/DIV



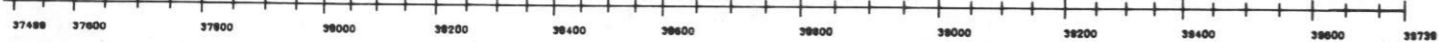
TEMP
4.00 DEGREES/DIV



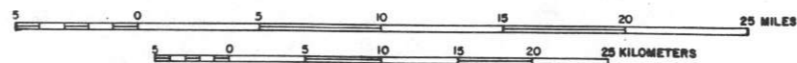
BAR ALT
800 FT/DIV



P 33

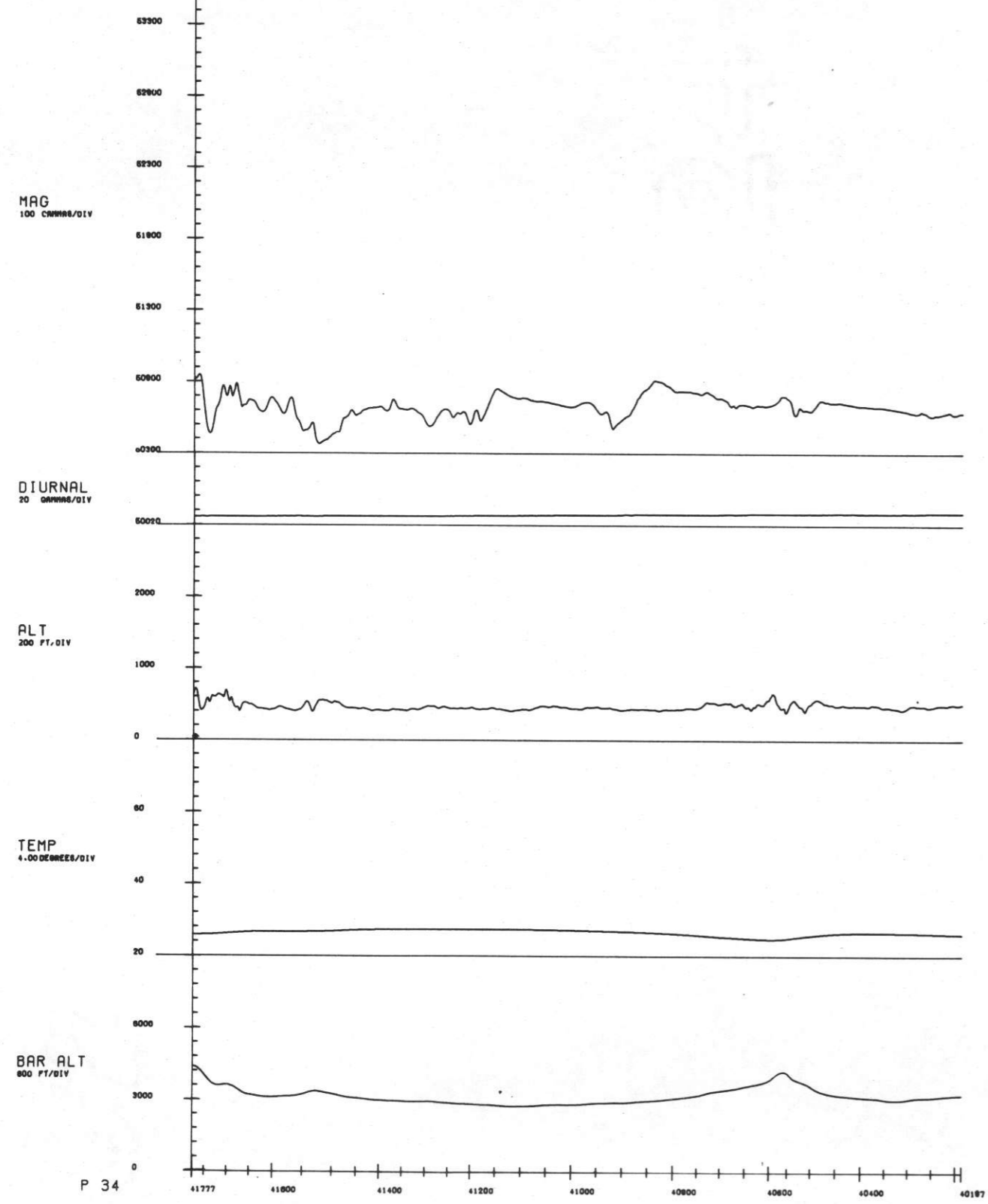
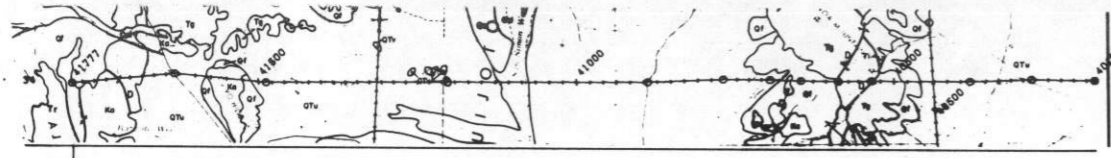


SCALE 1:500,000

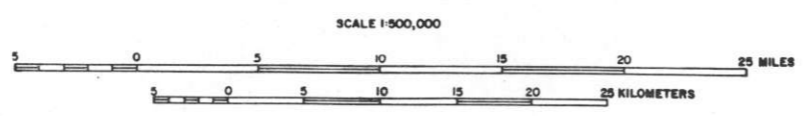


↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



P 34



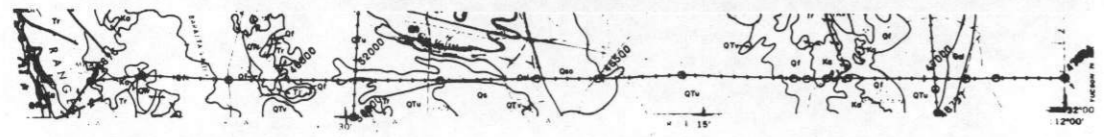
↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

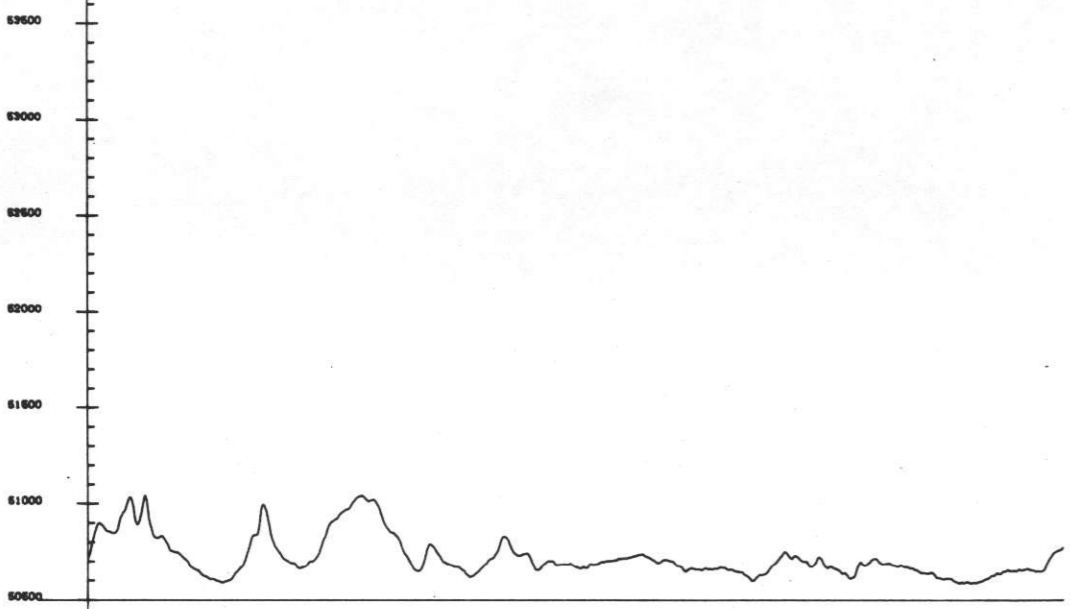
COLORADO, ARIZONA - AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976 - 1978

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

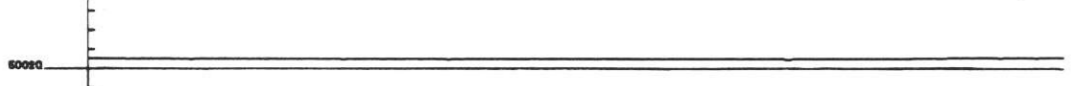
PREPARED FOR
DEPARTMENT OF ENERGY



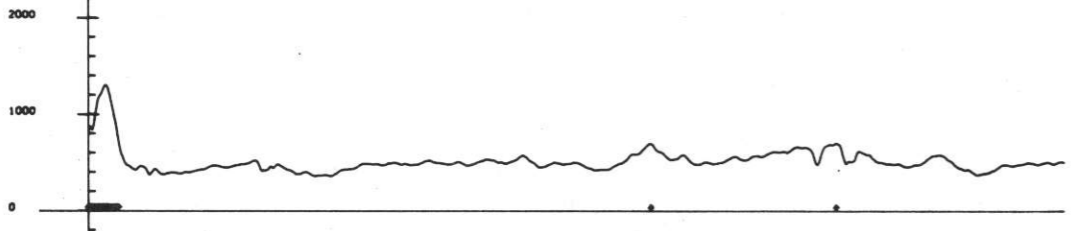
MAG
100 GAUSS/DIV



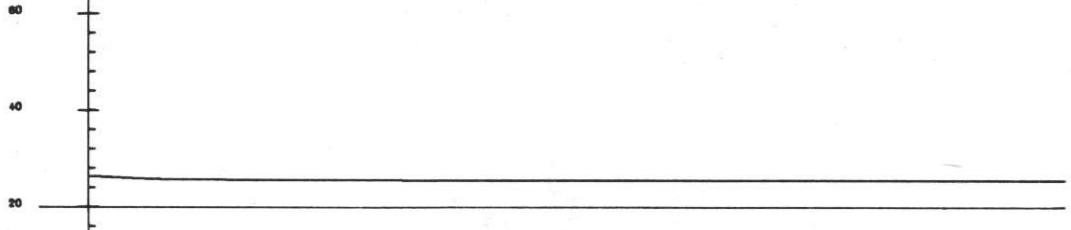
DIURNAL
20 GAUSS/DIV



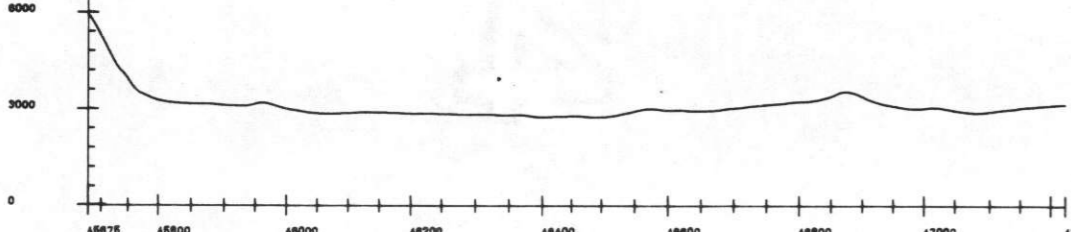
ALT
200 FT/DIV



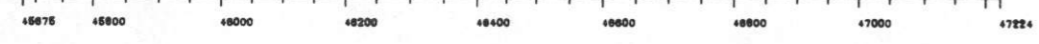
TEMP
4.00 DEGREES/DIV



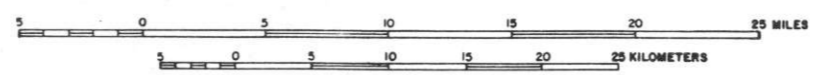
BAR ALT
800 FT/DIV



P 35

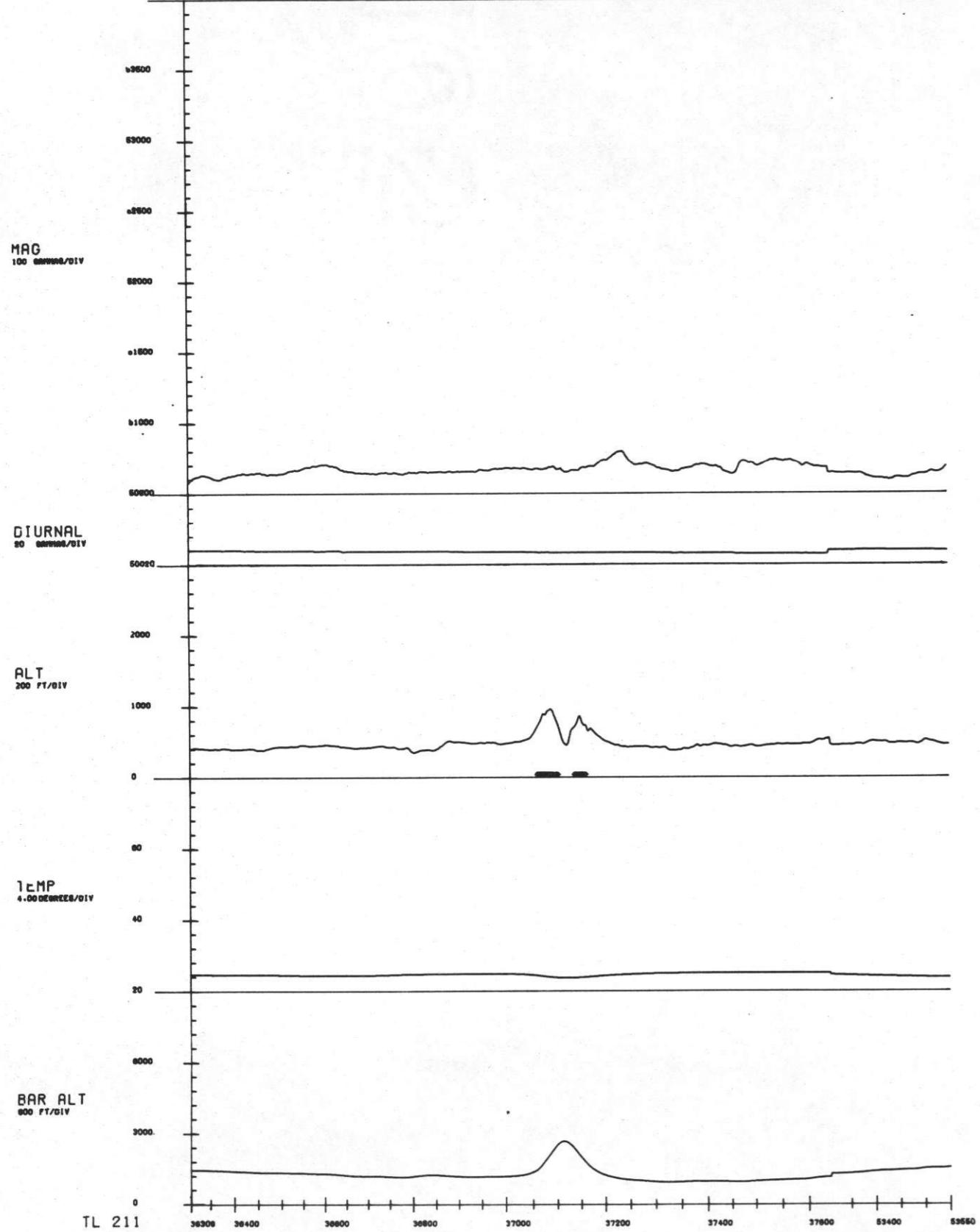
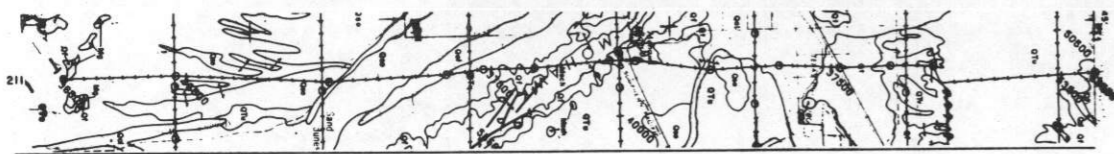


SCALE 1:500,000

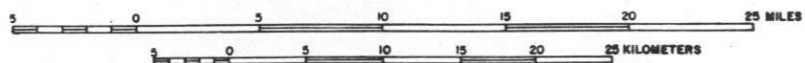


↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



SCALE 1:500,000



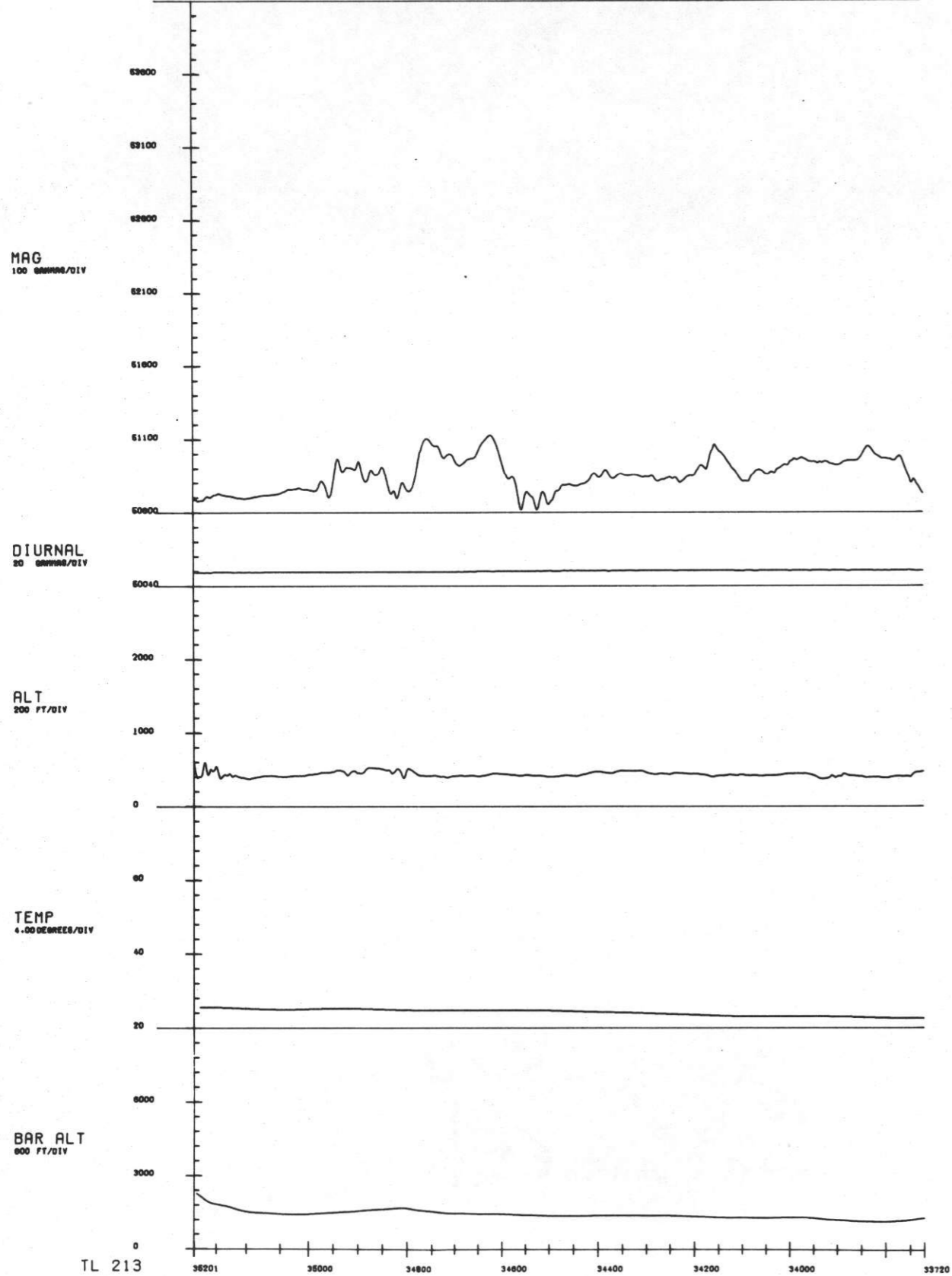
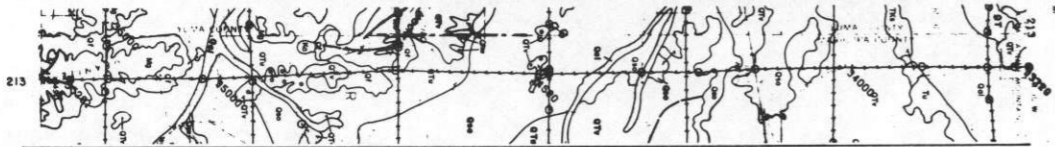
↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

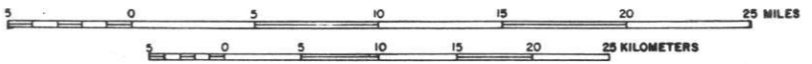
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

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

PREPARED FOR
DEPARTMENT OF ENERGY

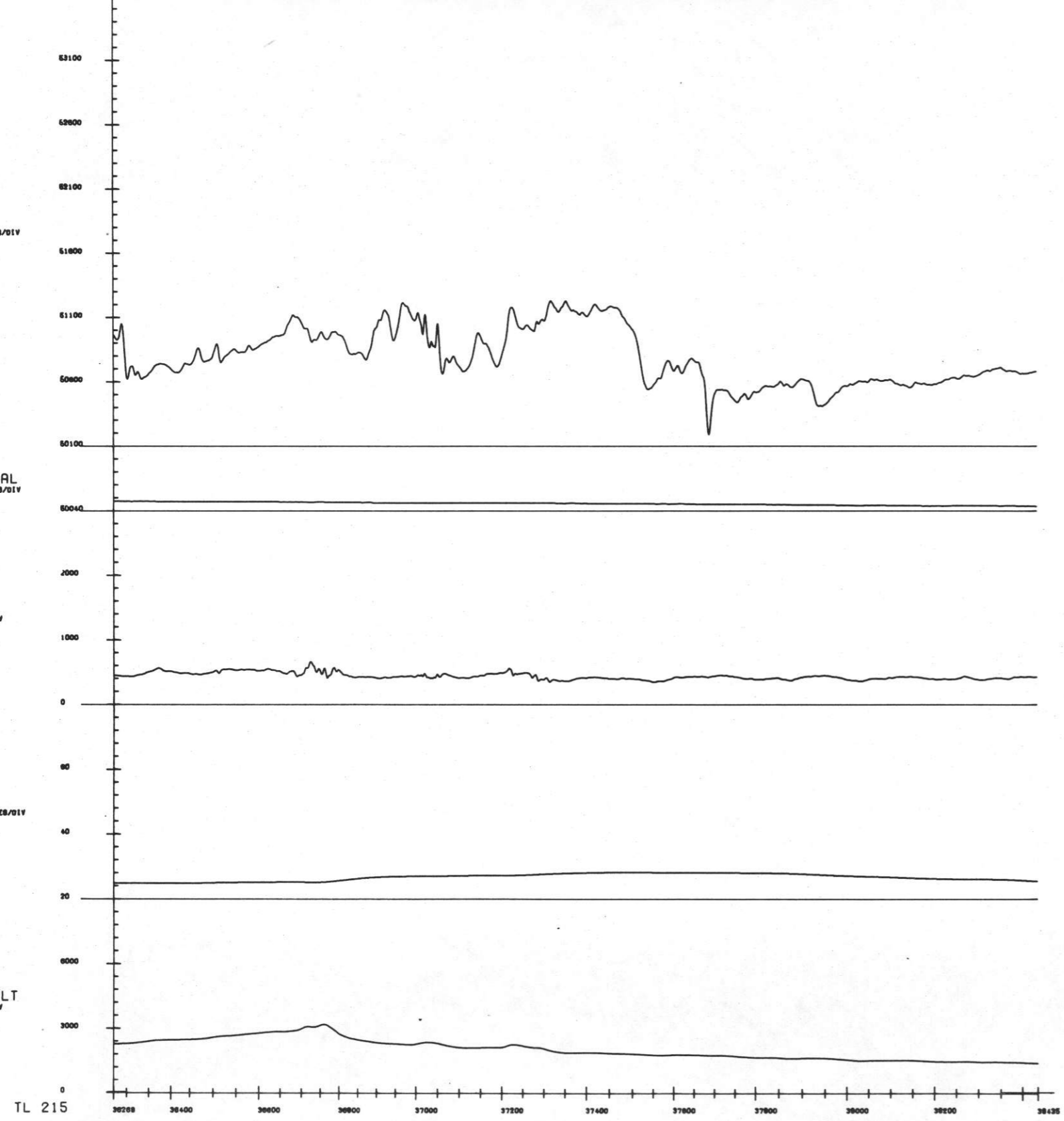
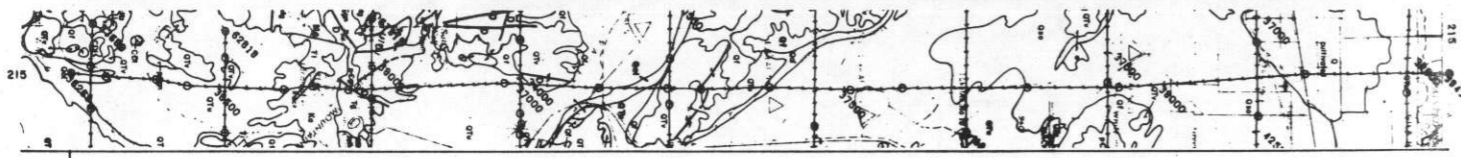


SCALE 1:500,000

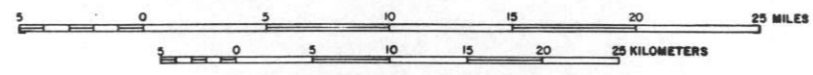


↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA - AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976 - 1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



SCALE 1:500,000



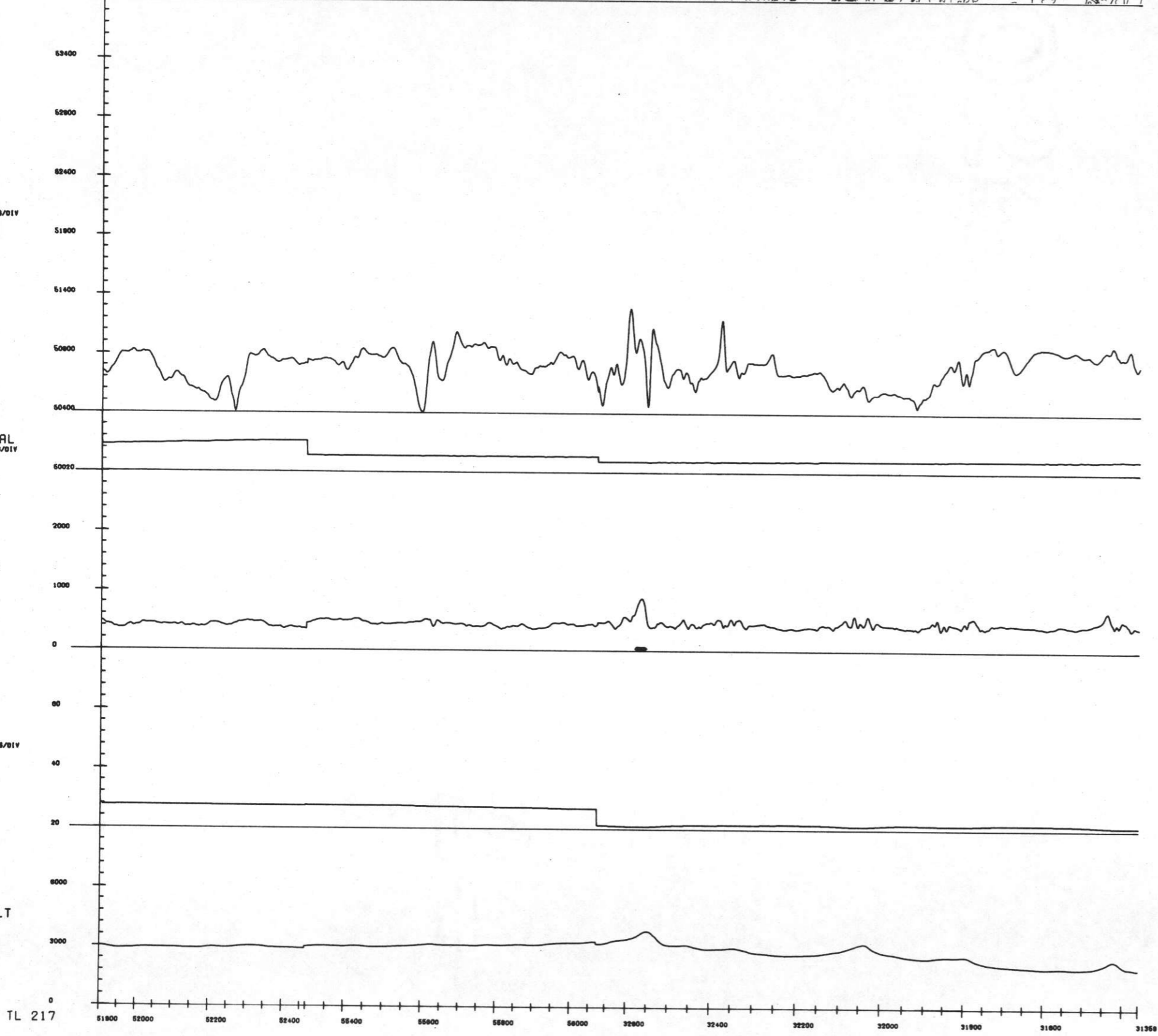
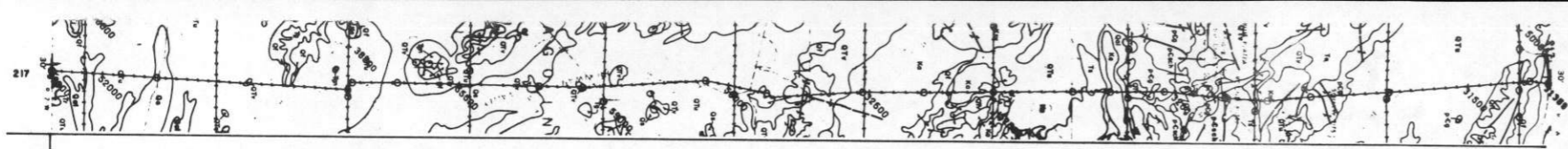
↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

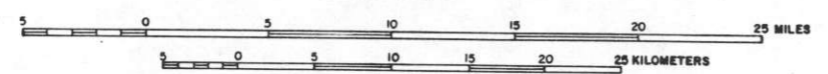
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY



TL 217

SCALE 1:500,000

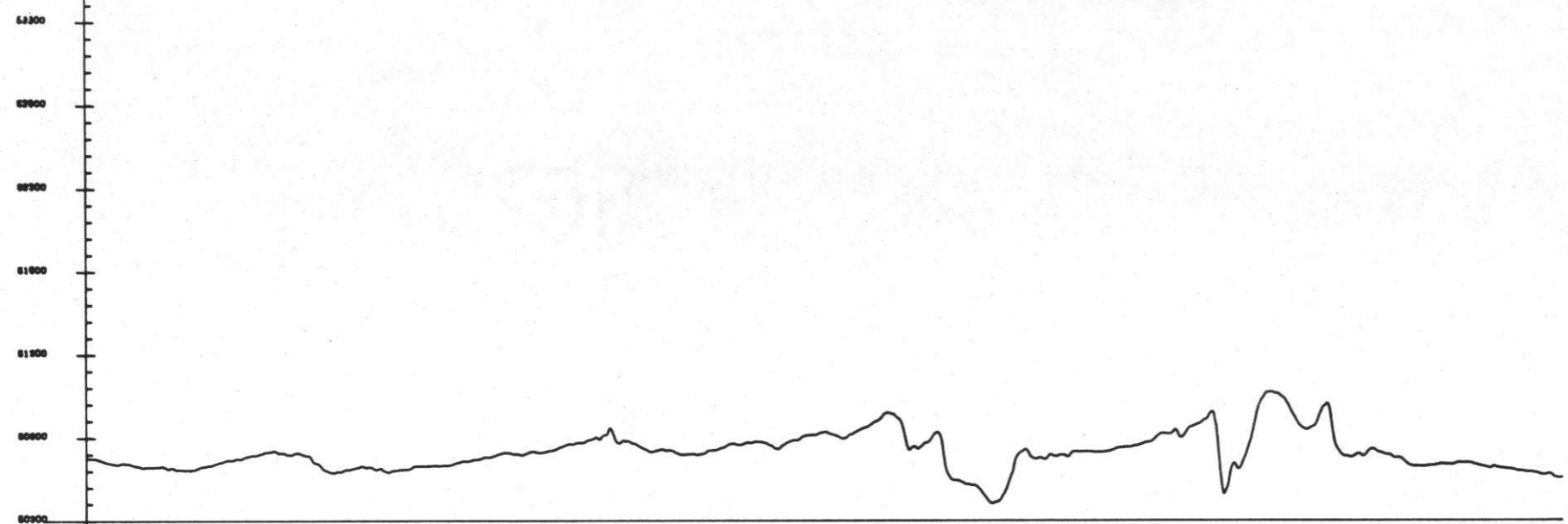


↑ EXCEEDS ALTITUDE SPECIFICATIONS

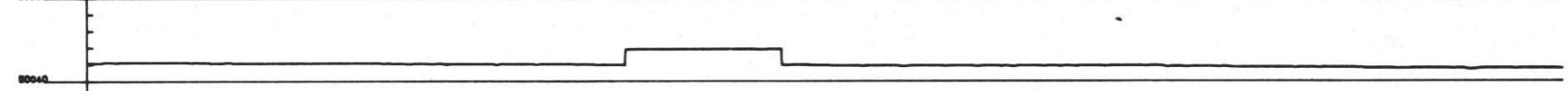
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976 - 1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



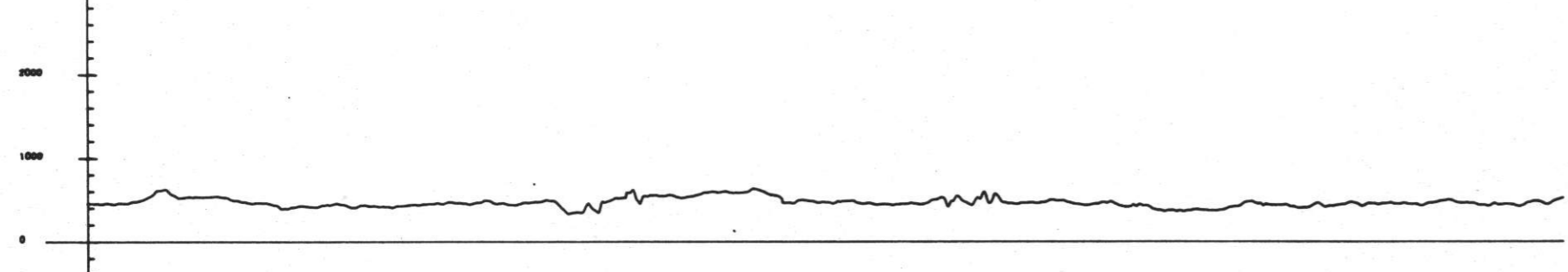
MAG
100 GAMS/DIV



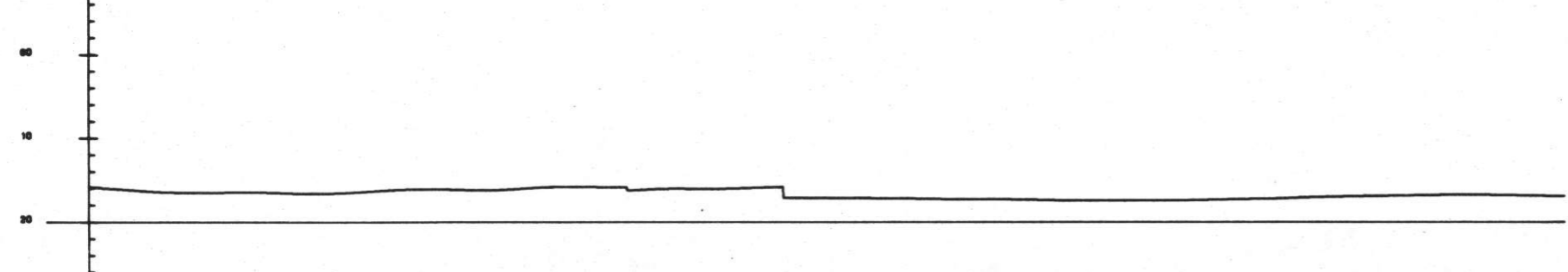
DIURNAL
50 GAMS/DIV



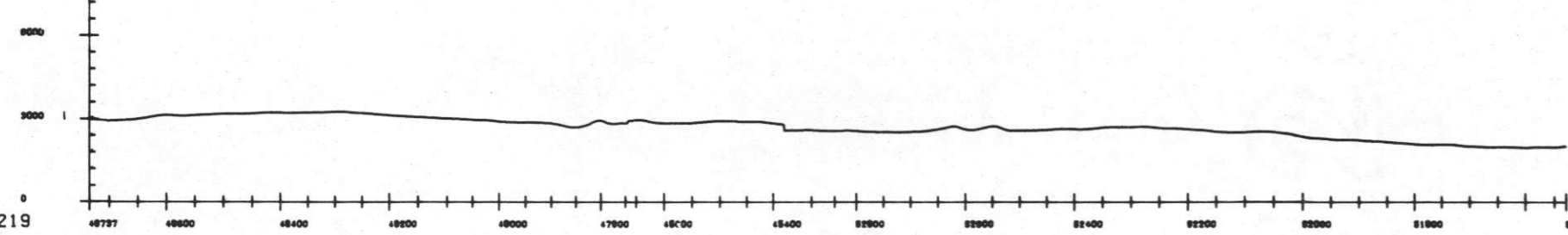
ALT
200 FT. DIV



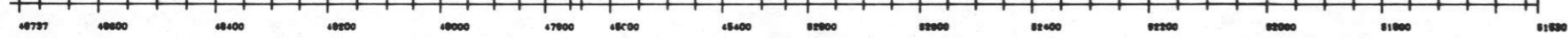
TEMP
1.00 DEGREES/DIV



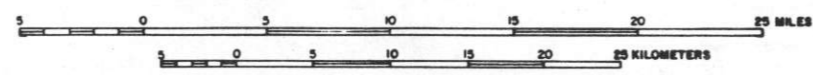
BAR ALT
500 FT/DIV



TL 219



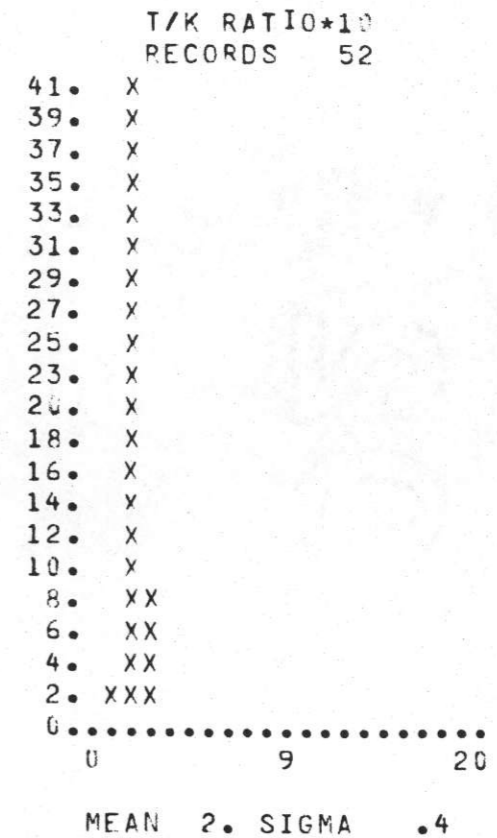
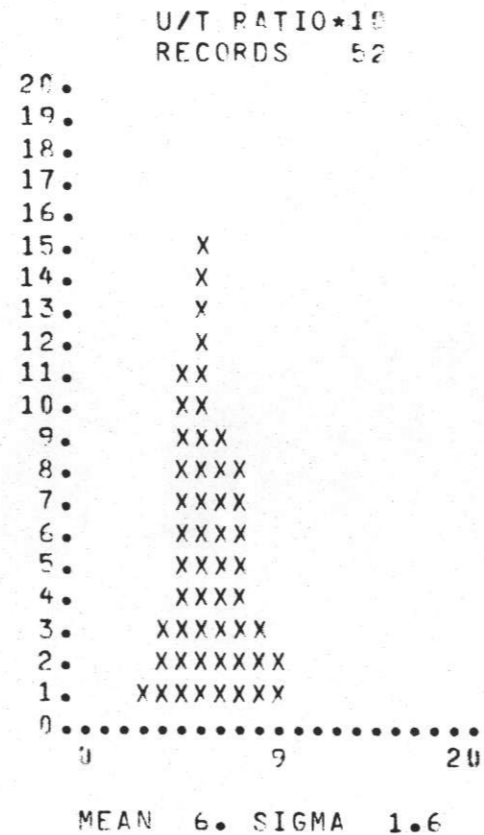
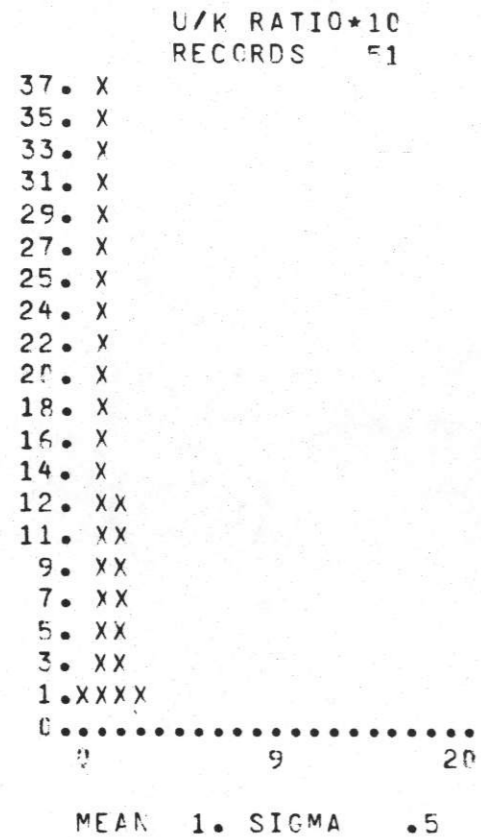
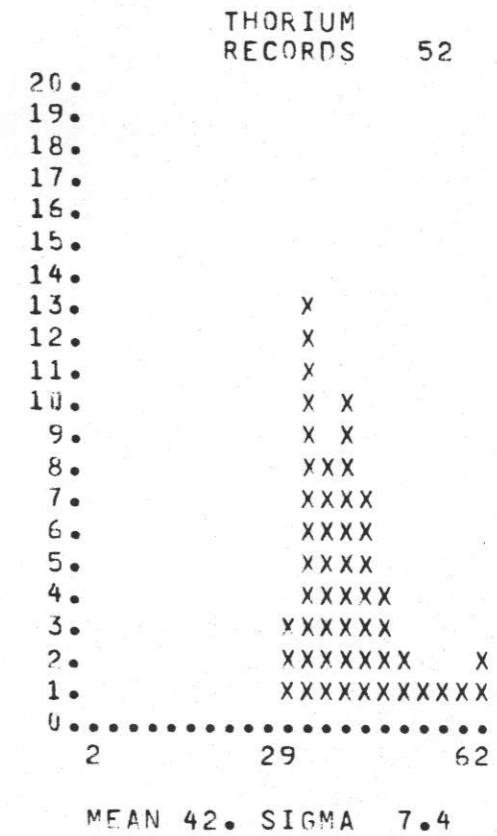
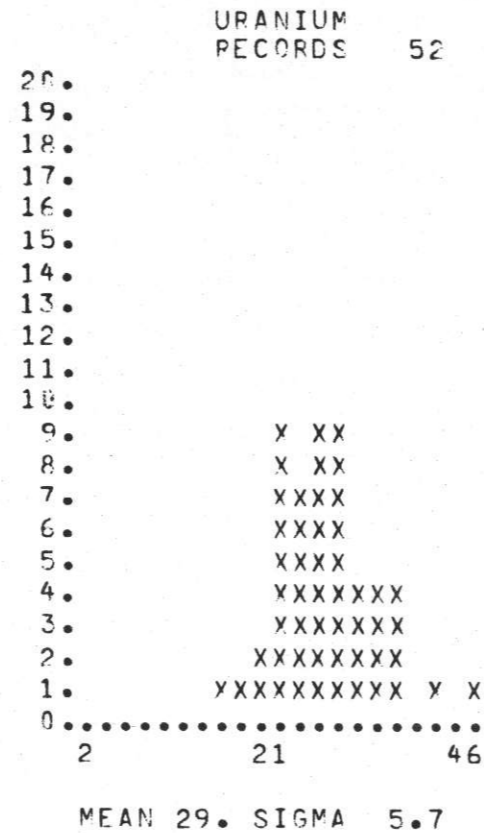
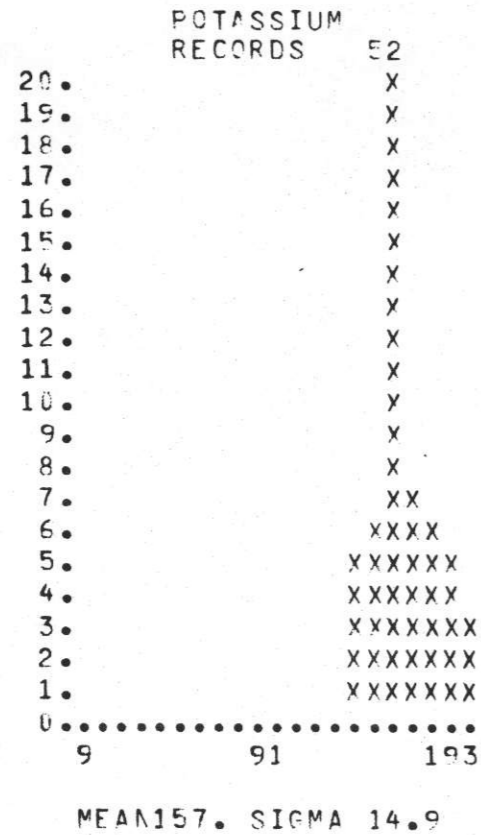
SCALE 1:500,000



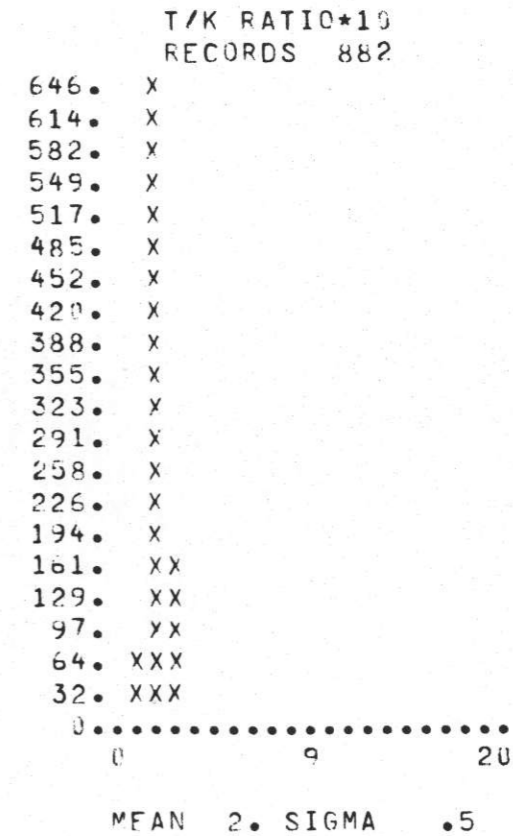
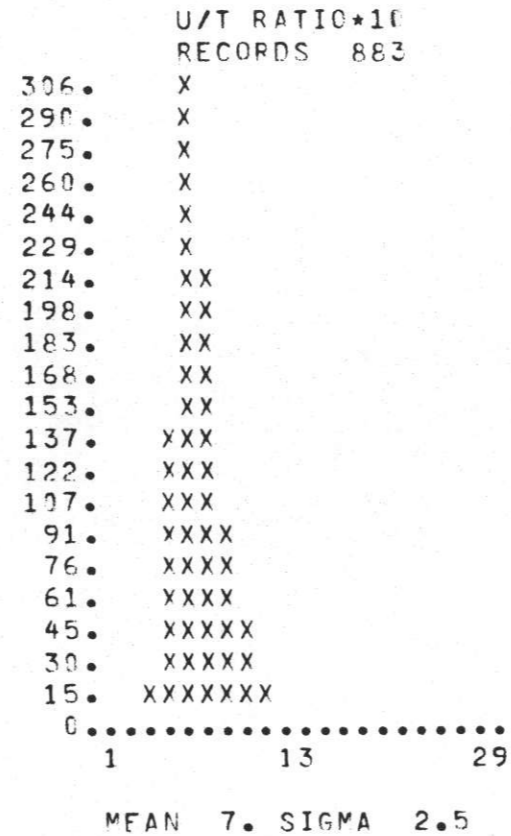
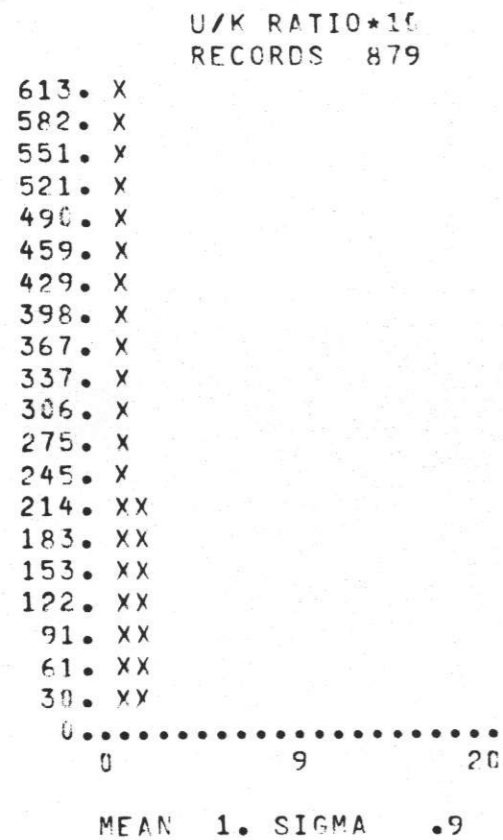
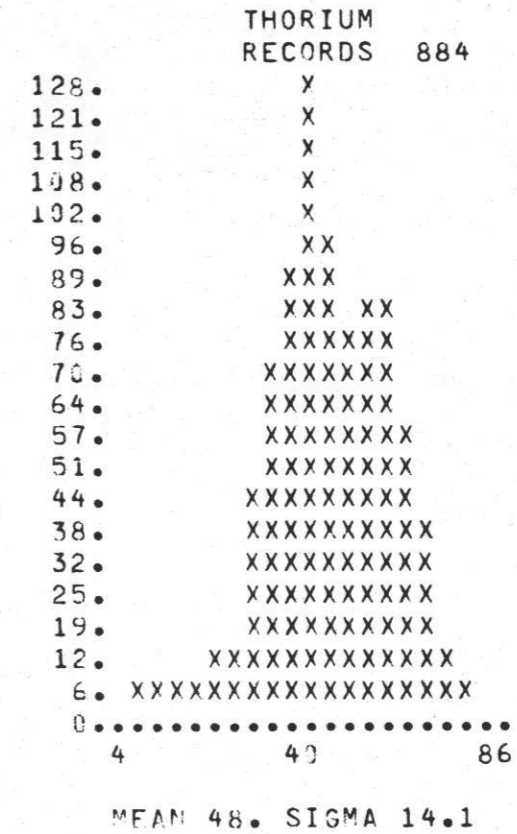
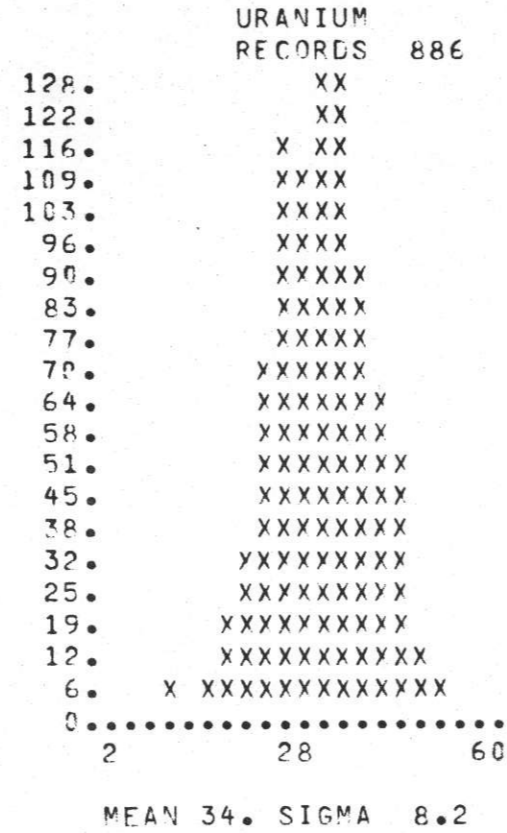
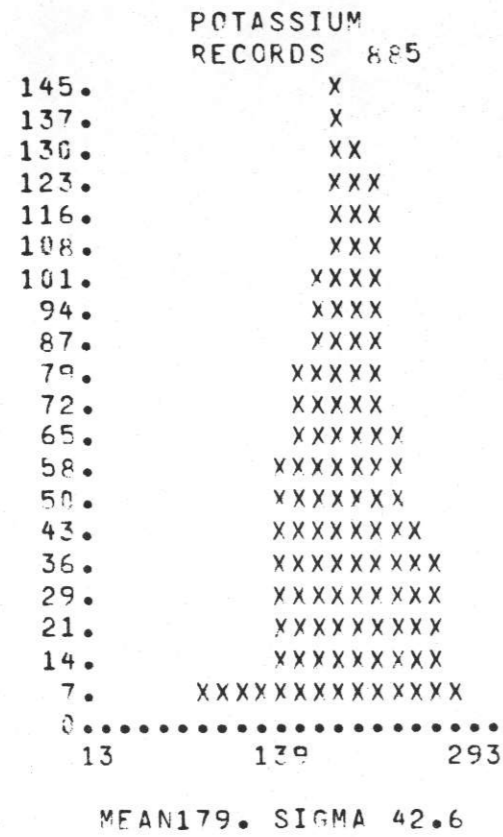
↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-AJO NI 12-10 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19008
PREPARED FOR
DEPARTMENT OF ENERGY

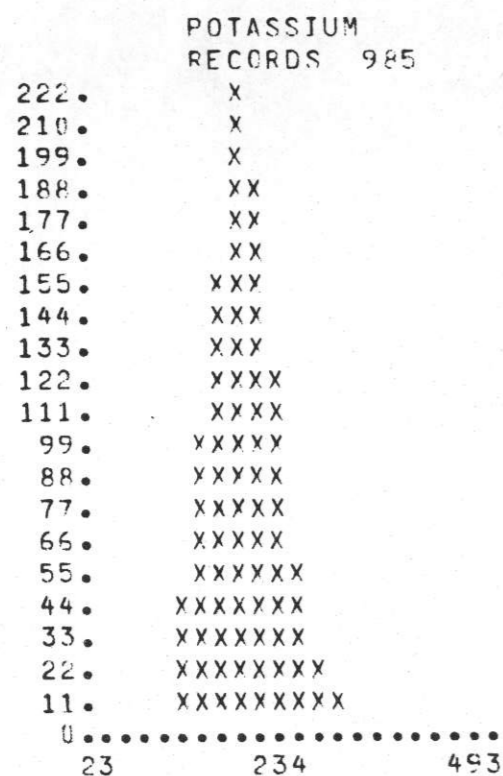
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT Q



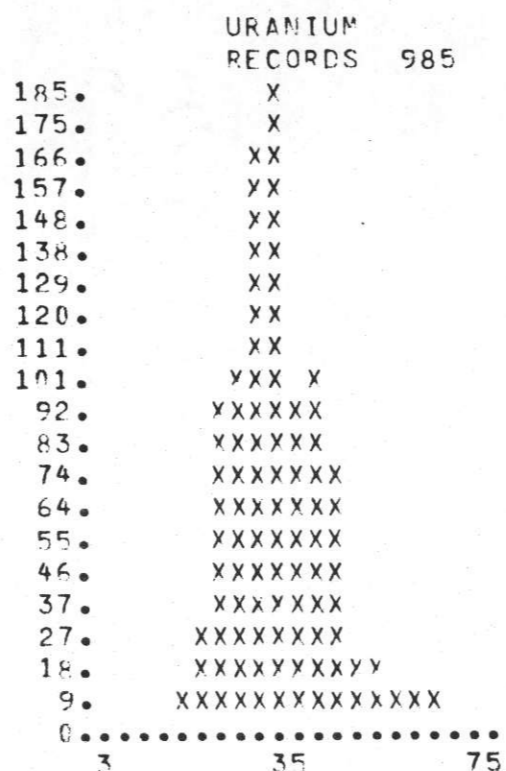
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT QAL



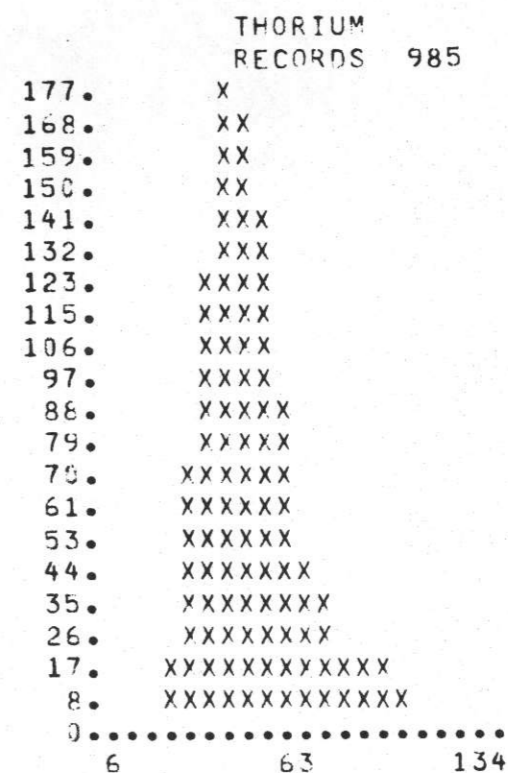
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT QF



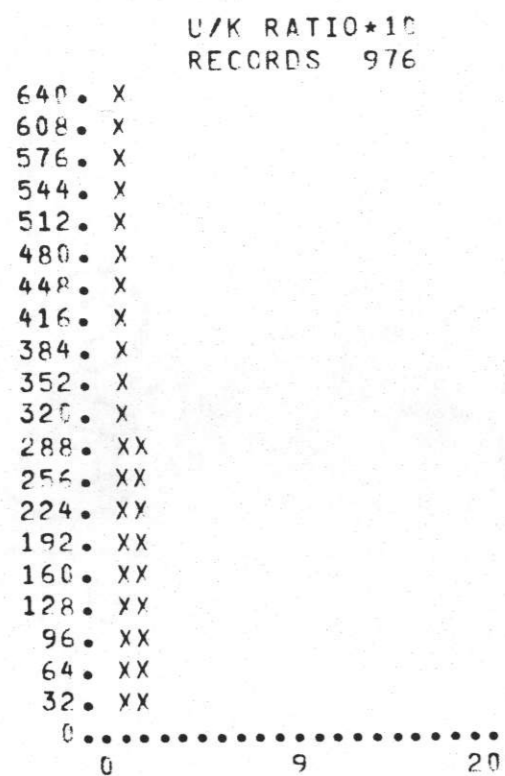
MEAN 186. SIGMA 49.8



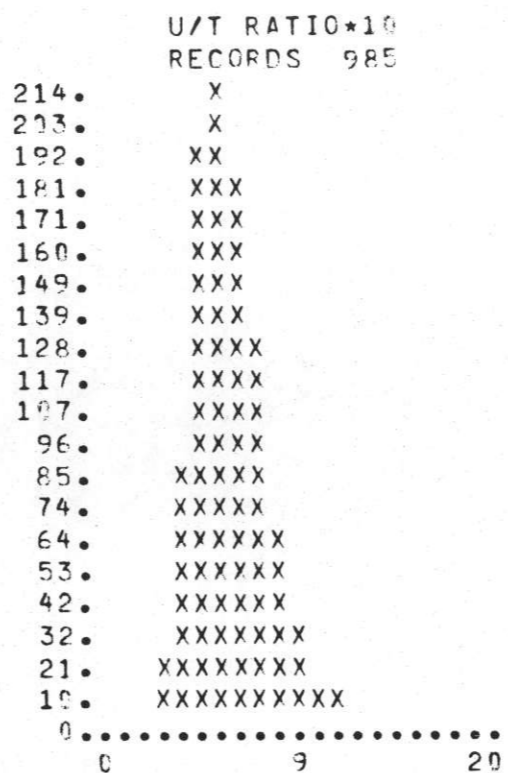
MEAN 35. SIGMA 10.0



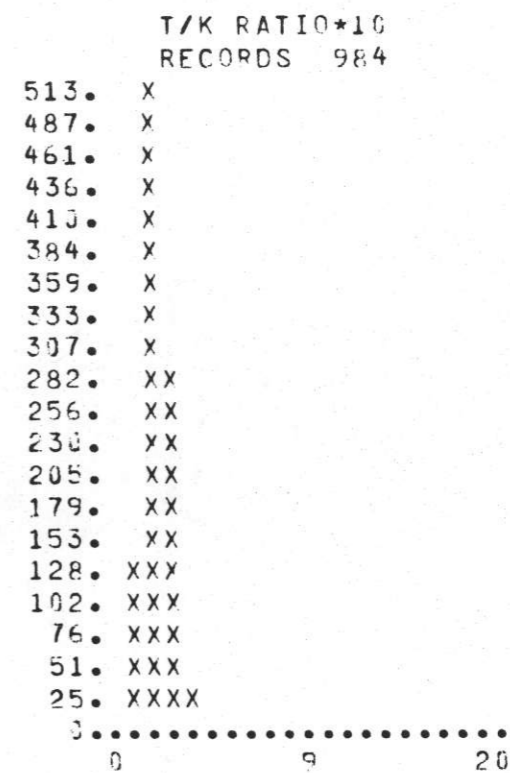
MEAN 51. SIGMA 17.3



MEAN 1. SIGMA .5

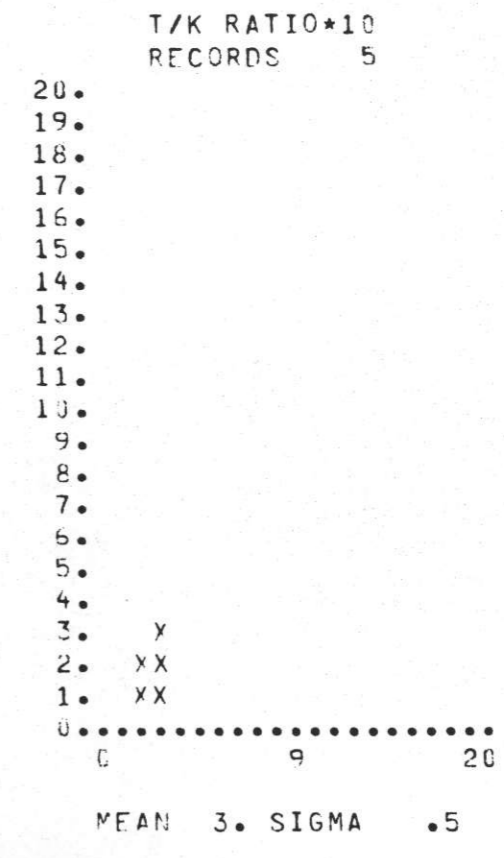
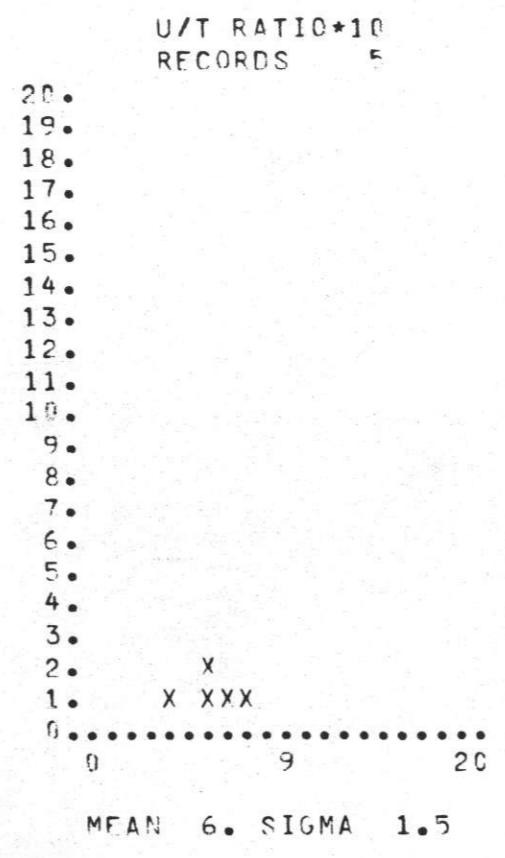
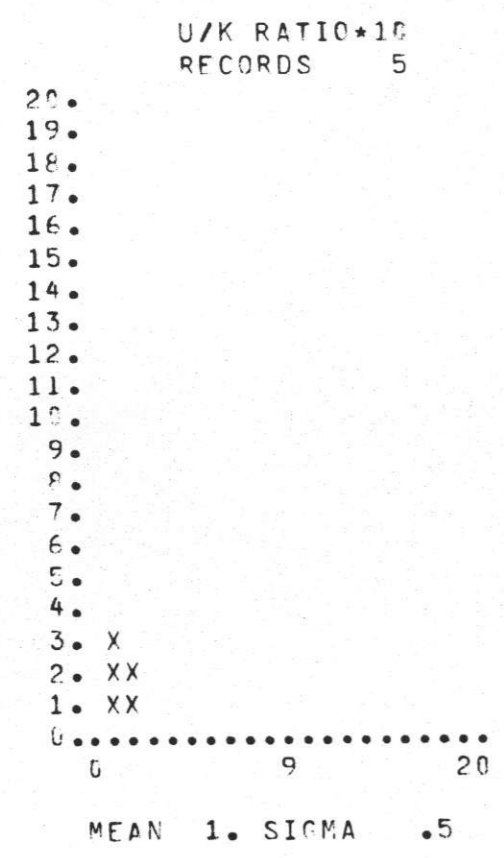
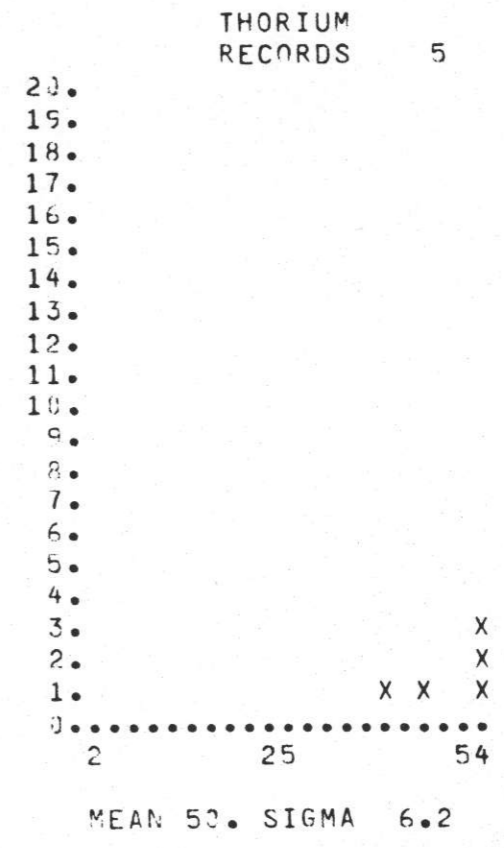
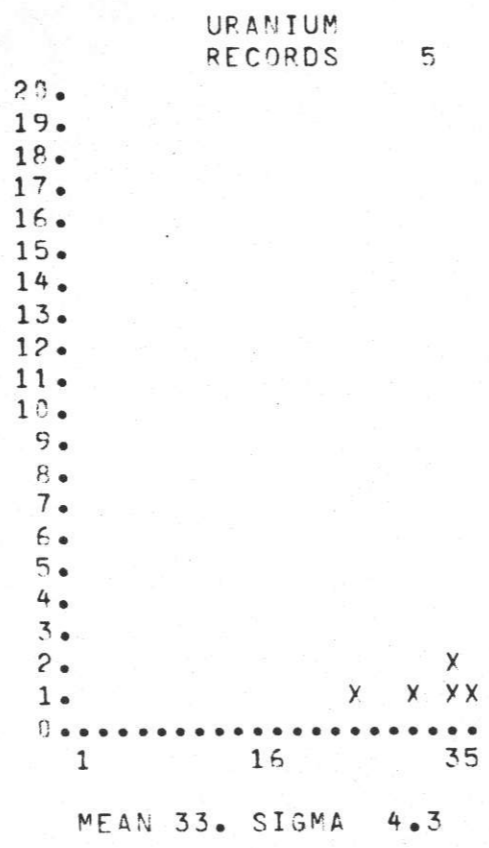
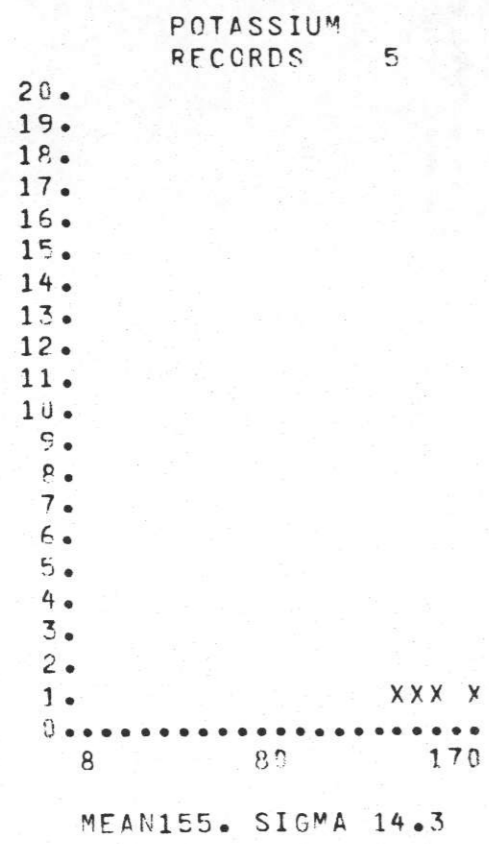


MEAN 7. SIGMA 2.0

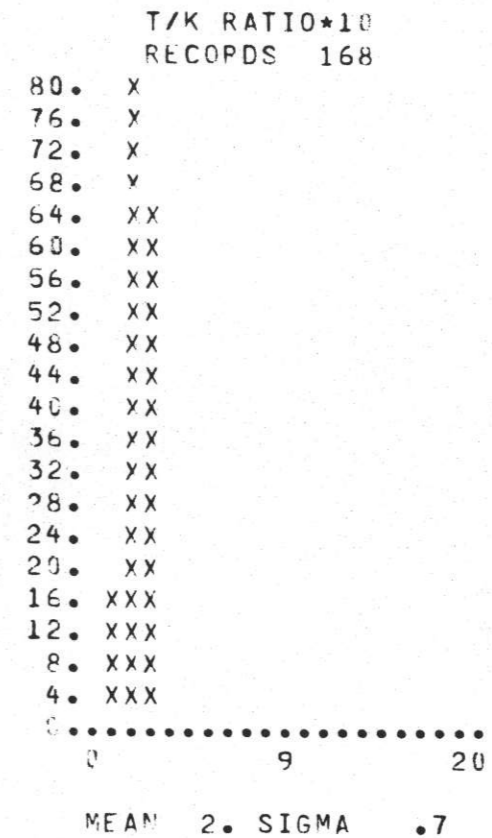
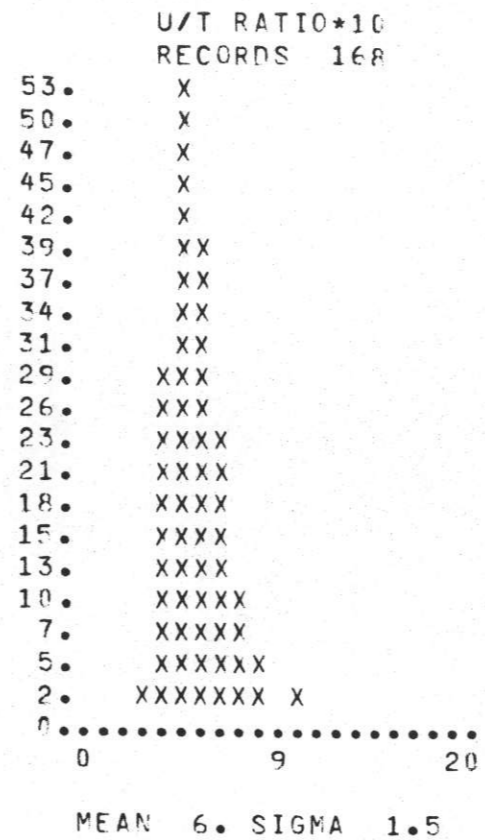
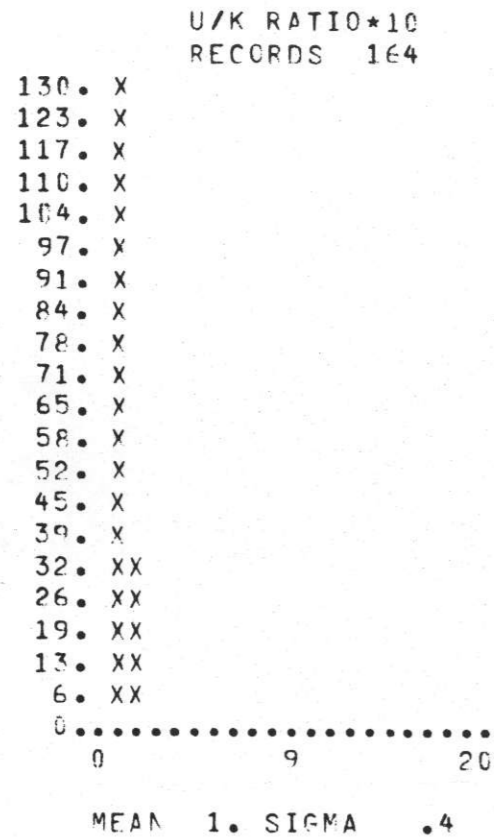
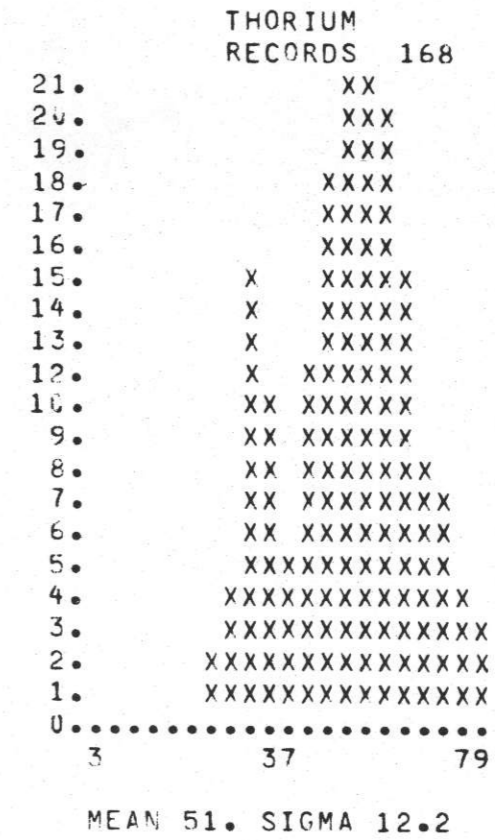
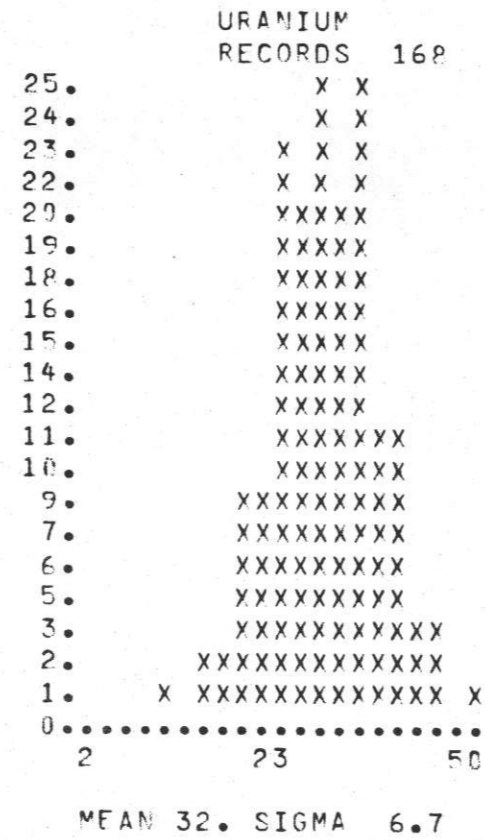
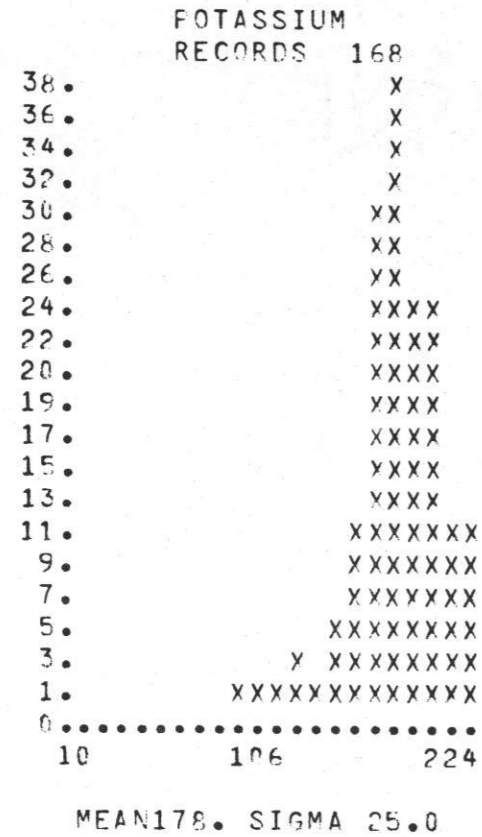


MEAN 2. SIGMA .8

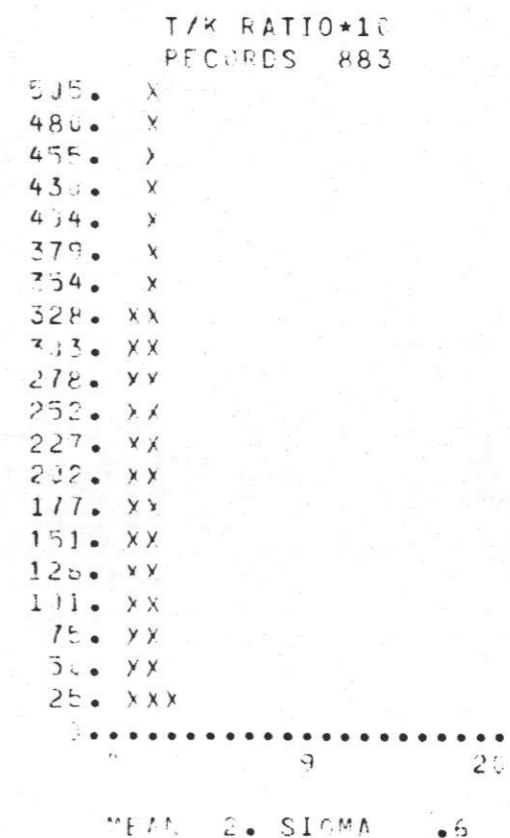
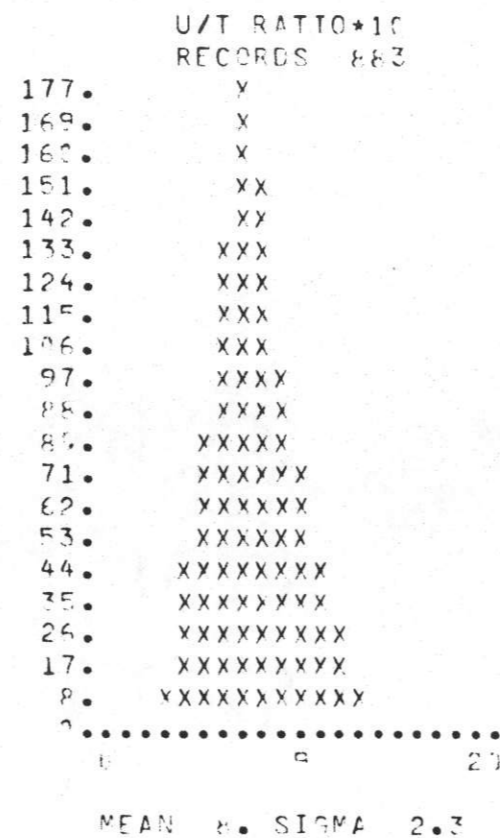
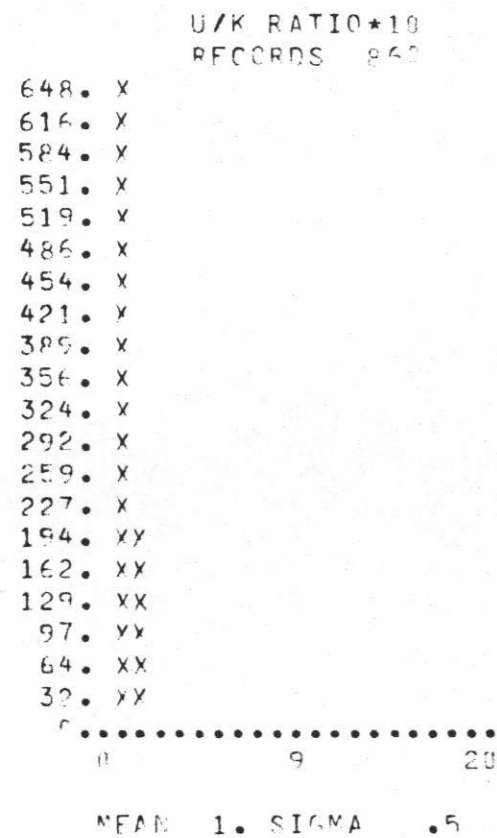
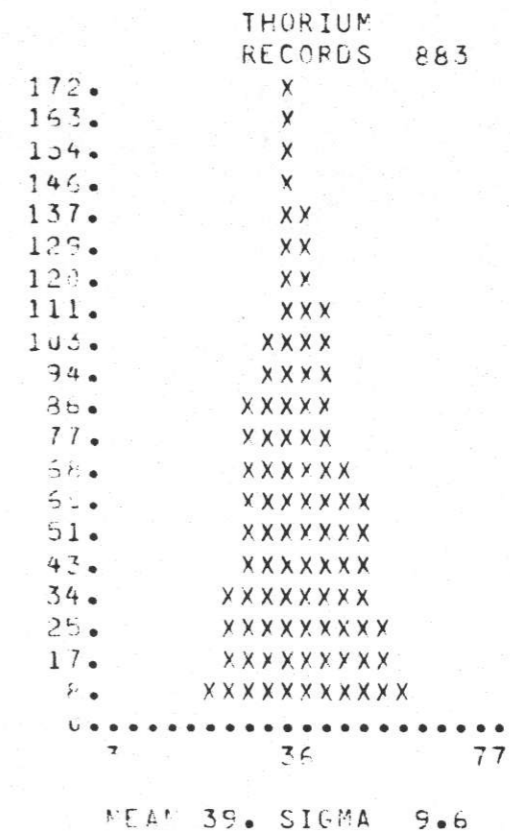
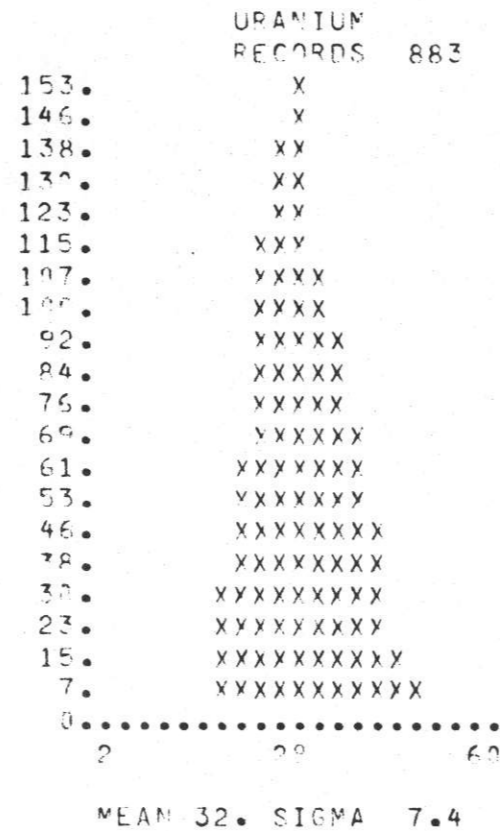
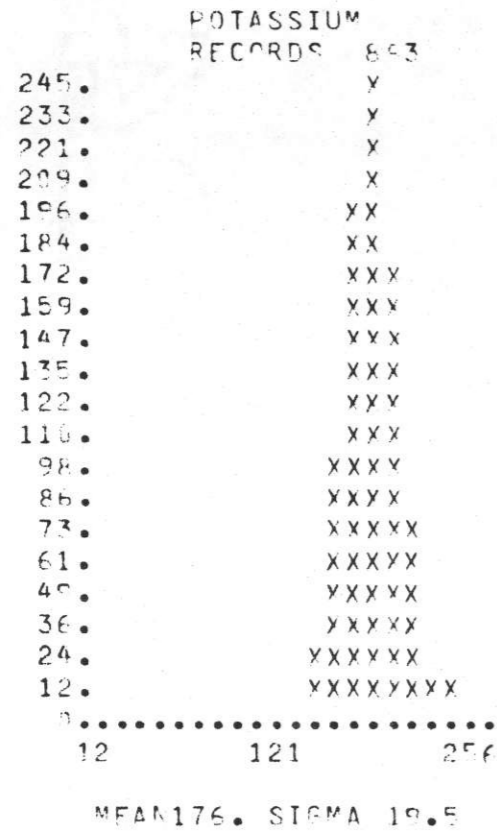
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT GP



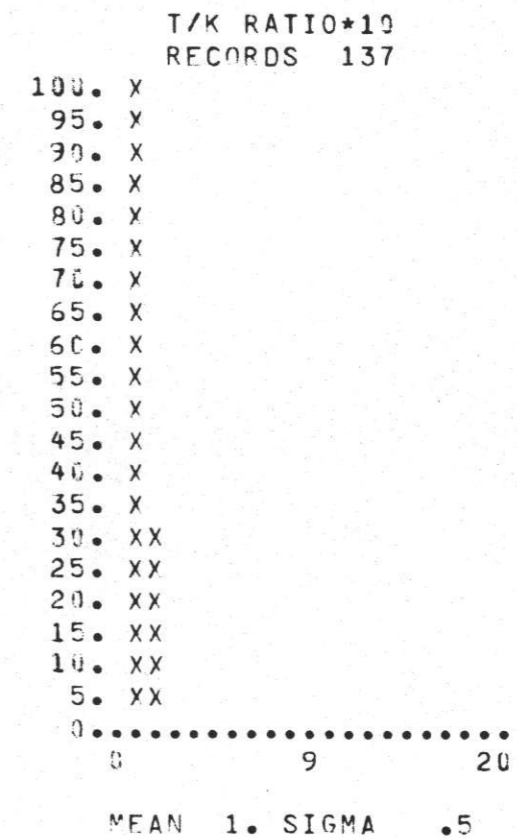
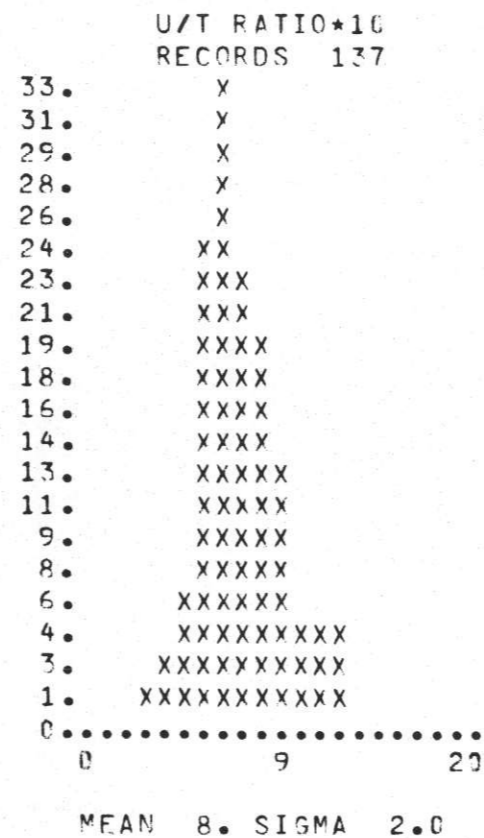
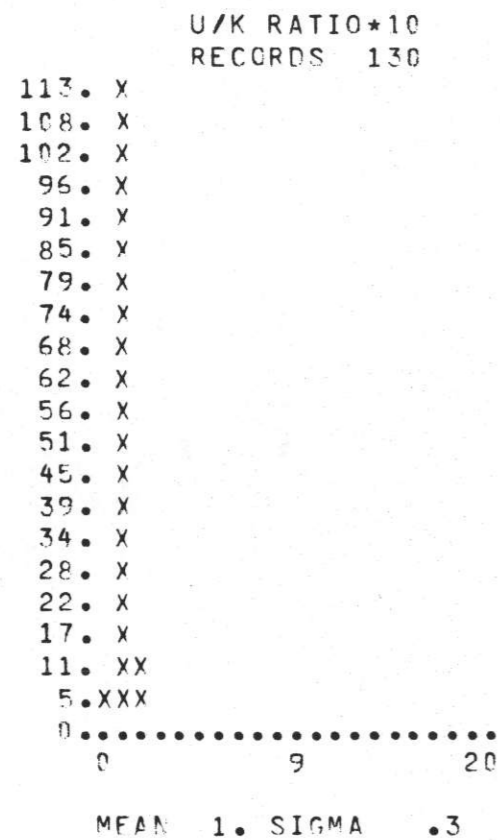
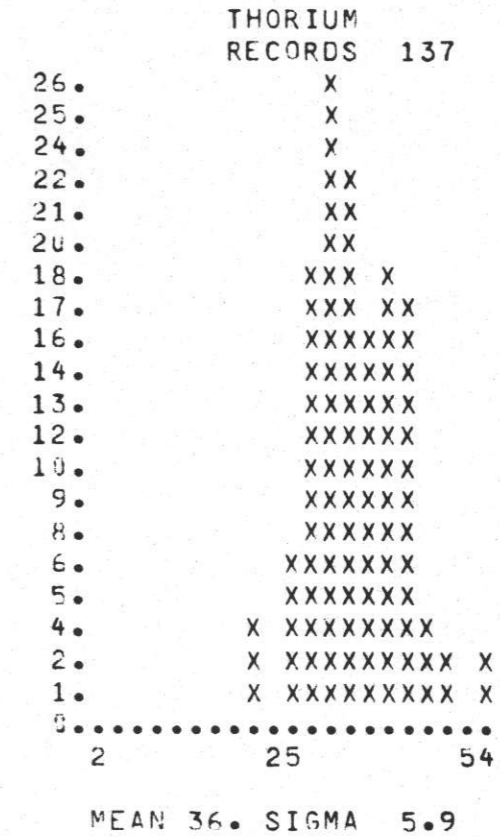
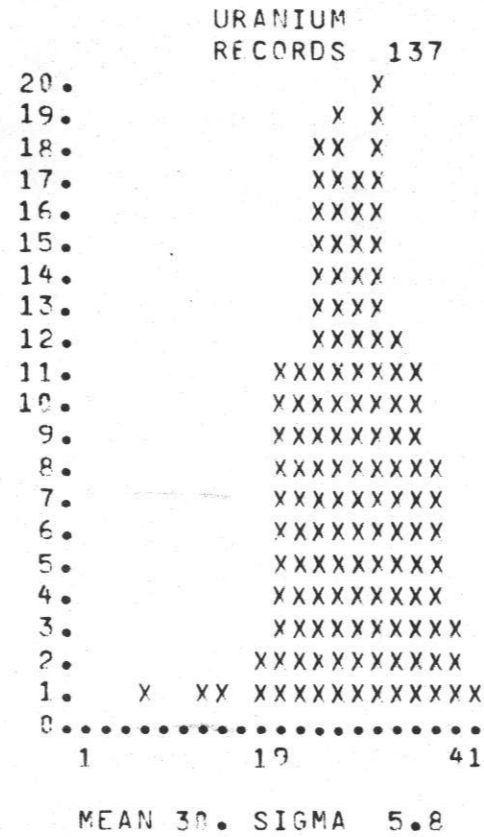
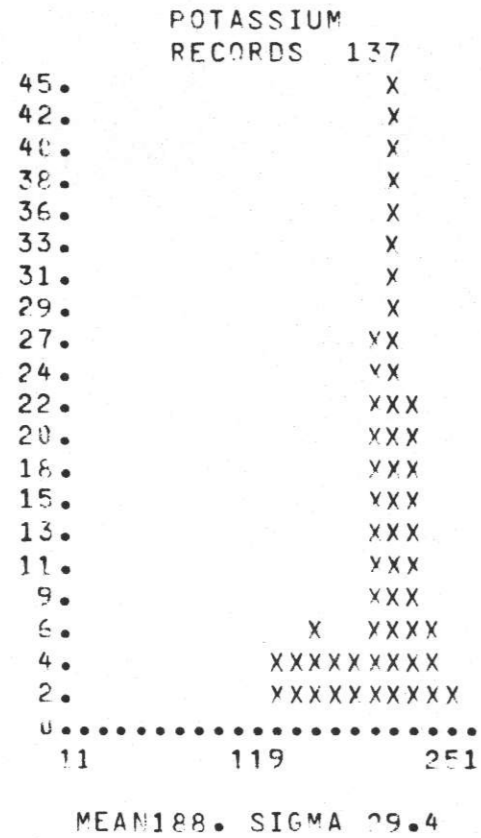
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT QS



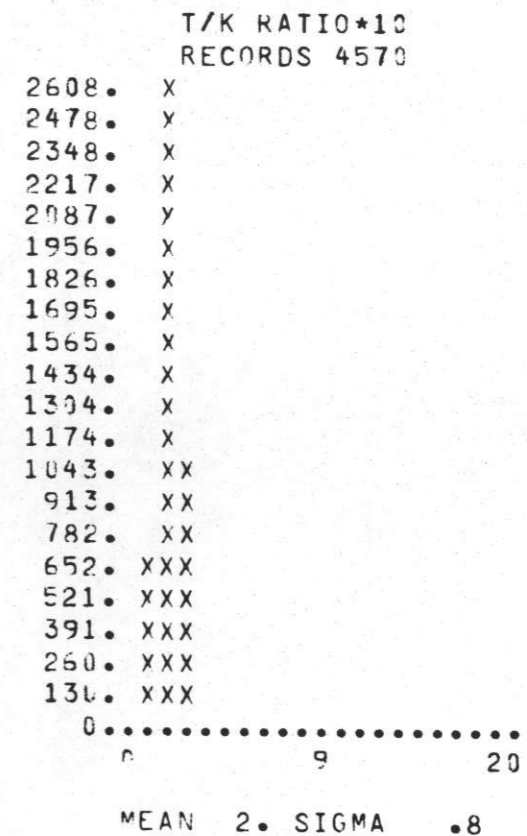
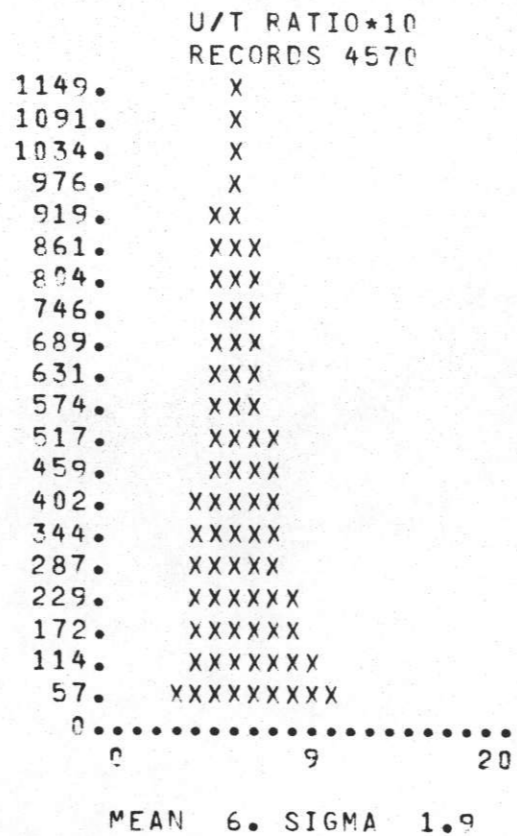
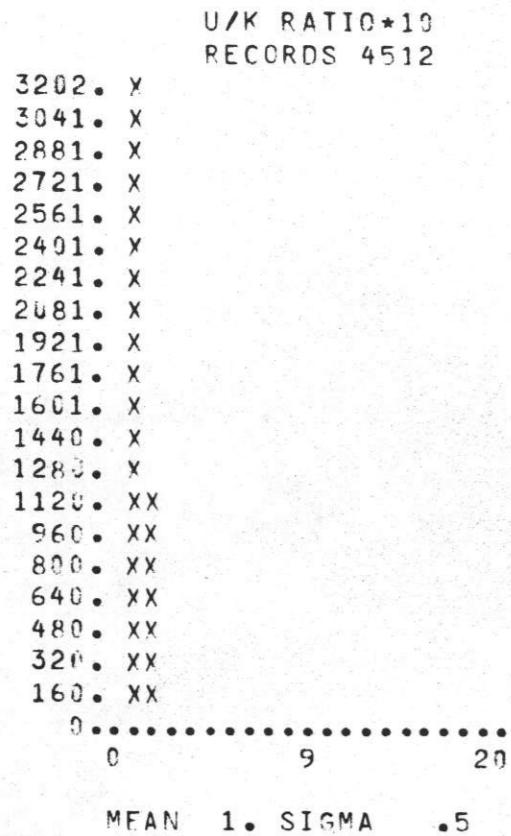
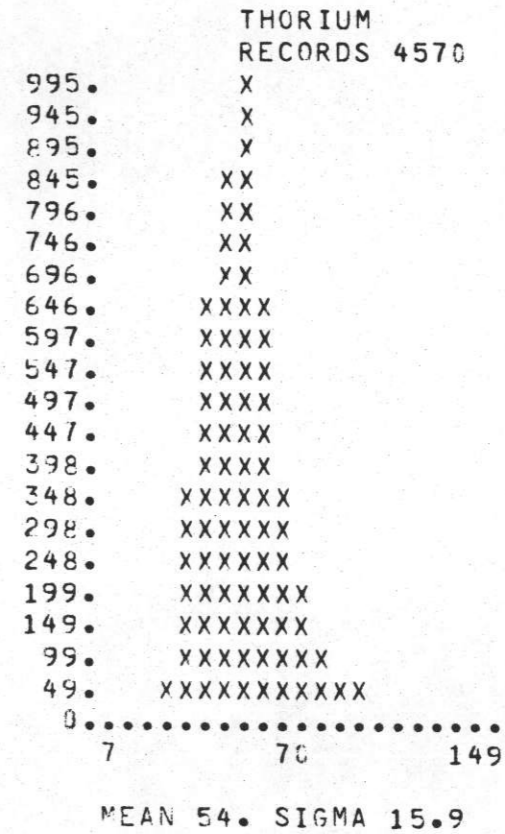
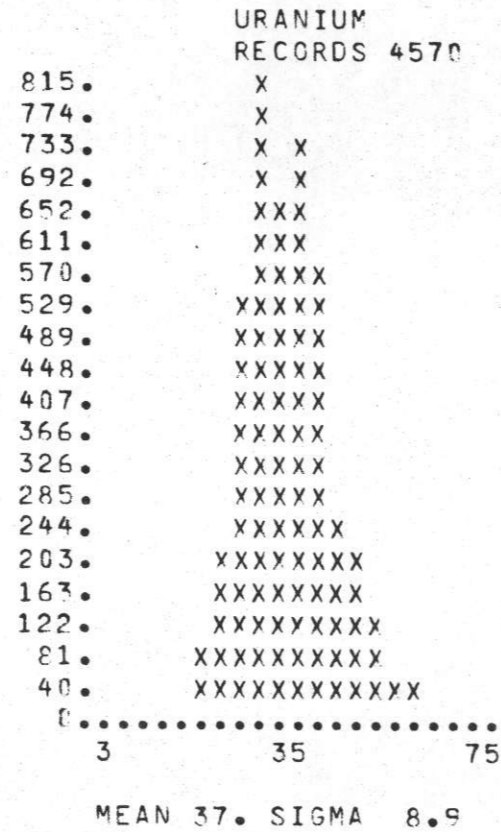
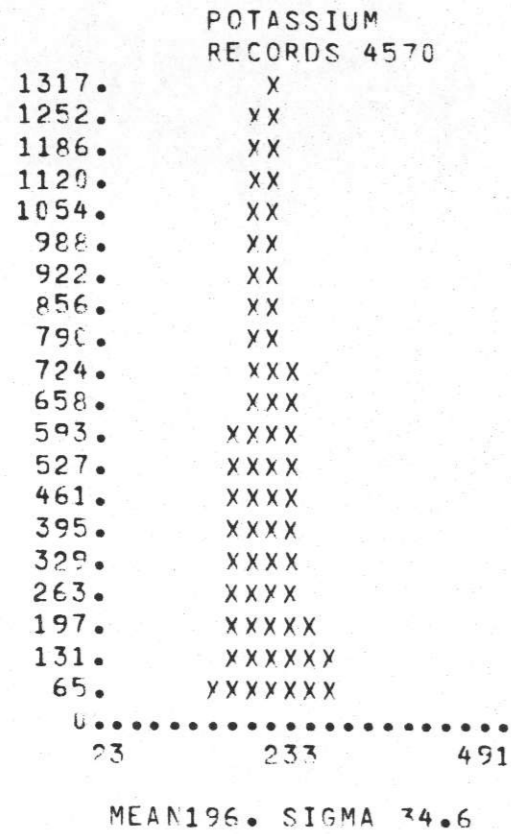
AJO QUADRANGLE T1 12-10
GEOLOGIC UNIT QSO



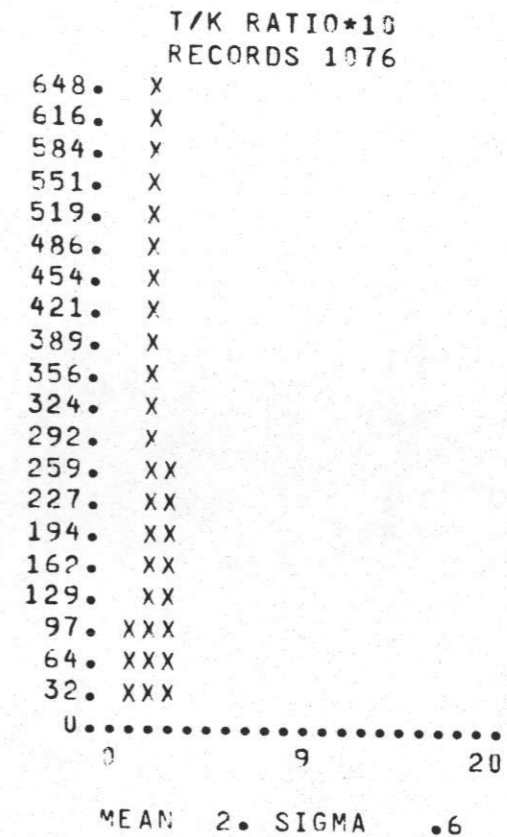
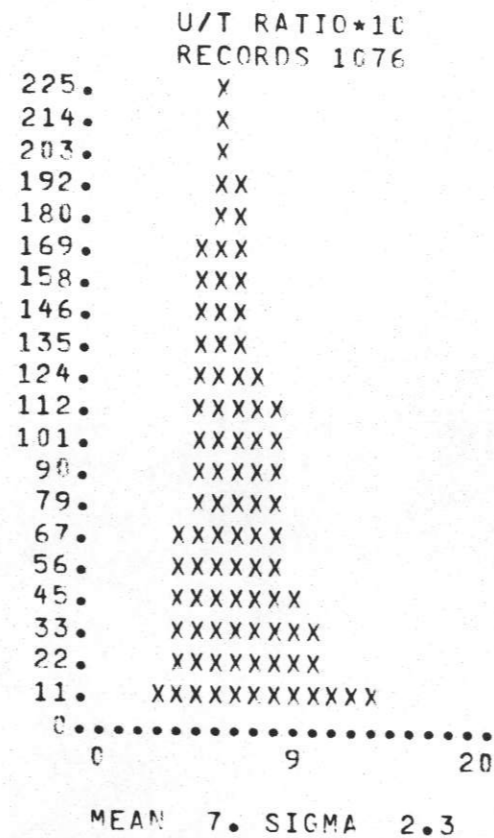
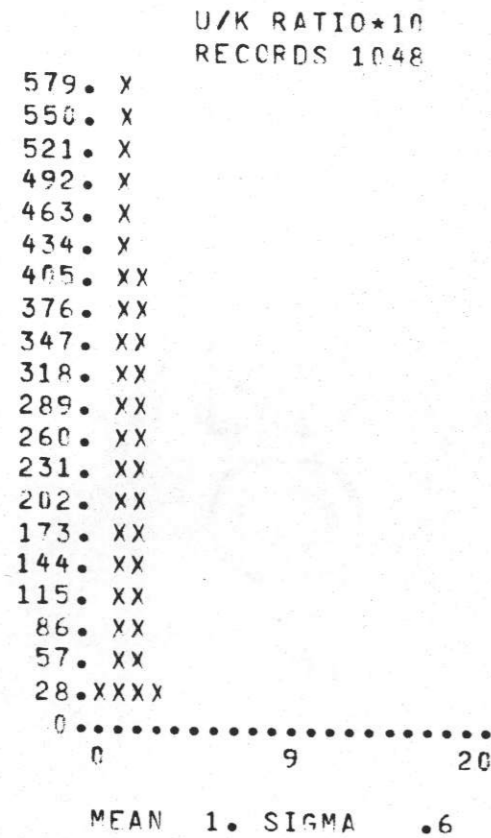
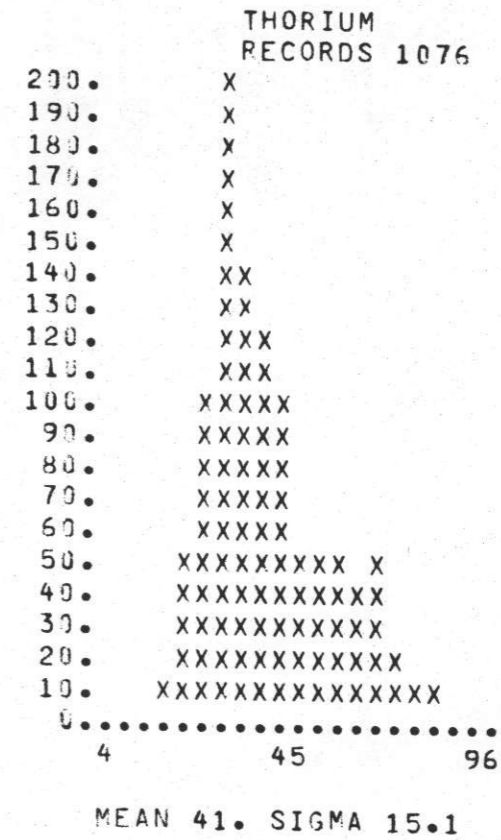
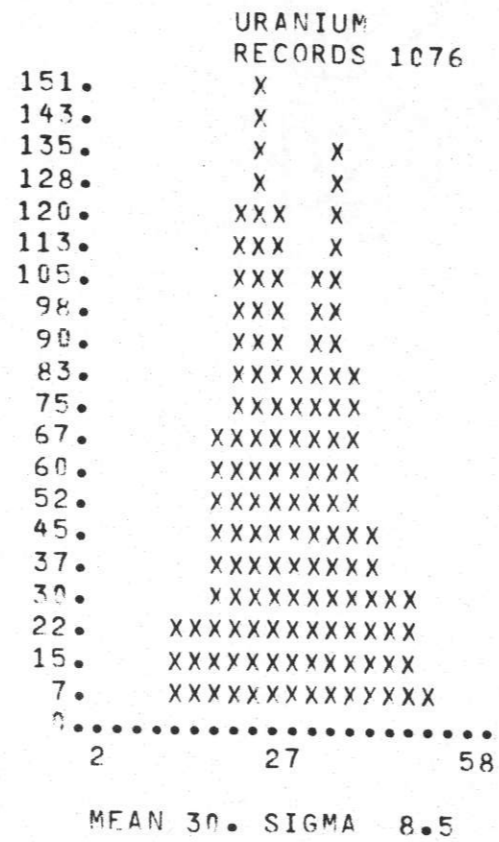
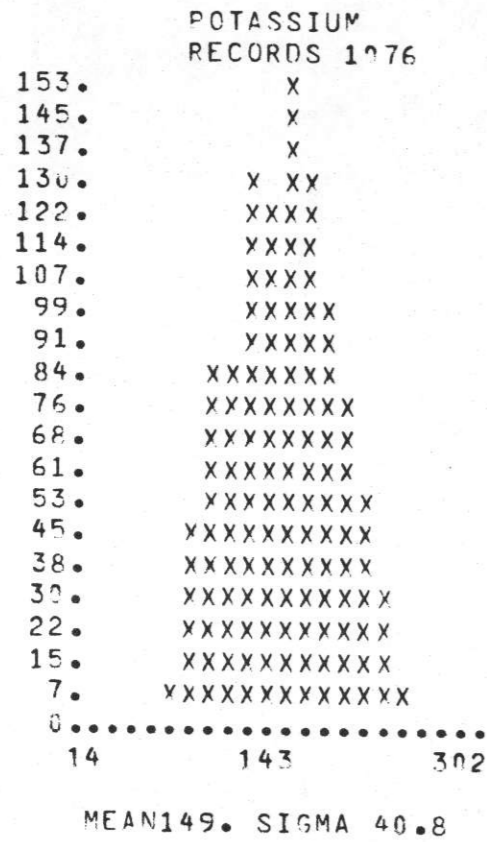
AJO QUADRANGLE NI 12-15
GEOLOGIC UNIT GT



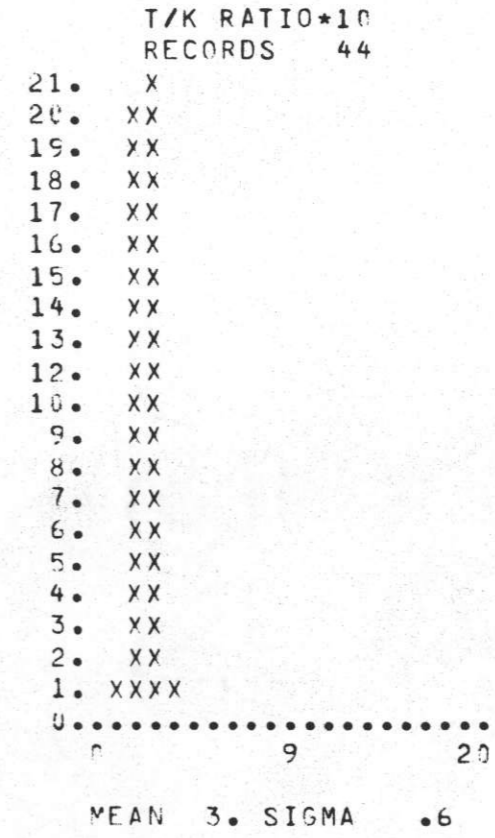
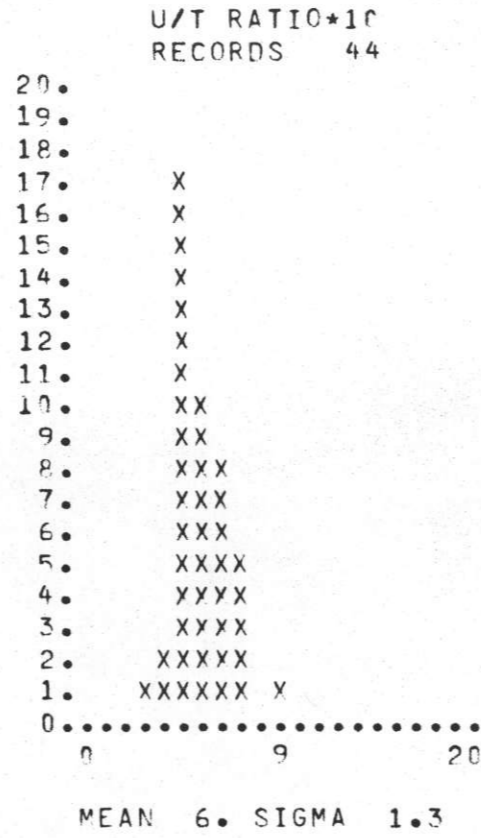
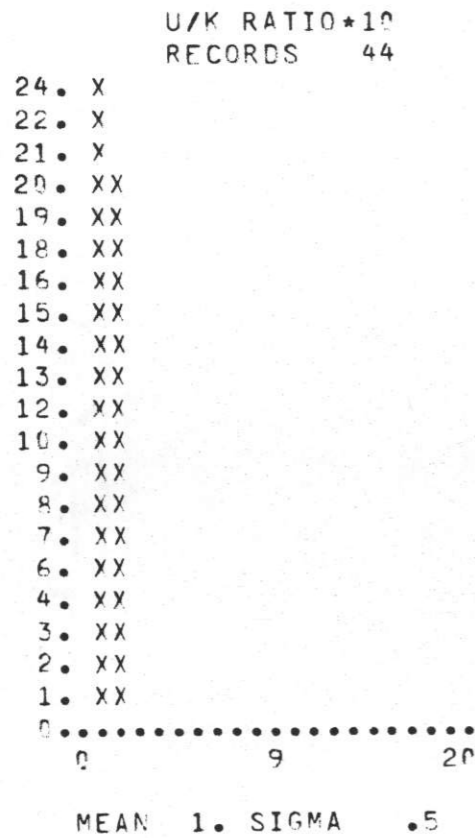
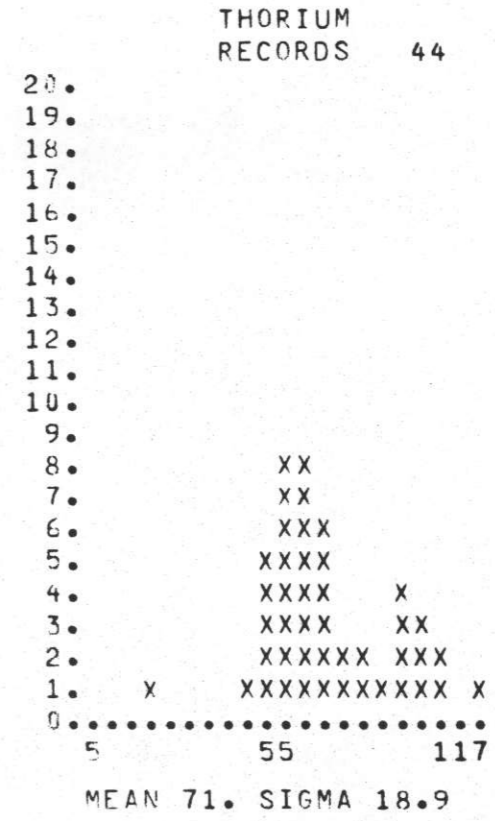
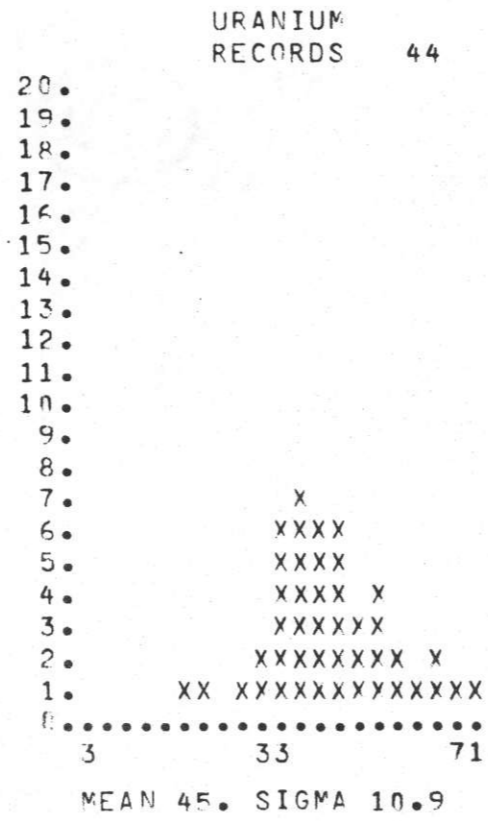
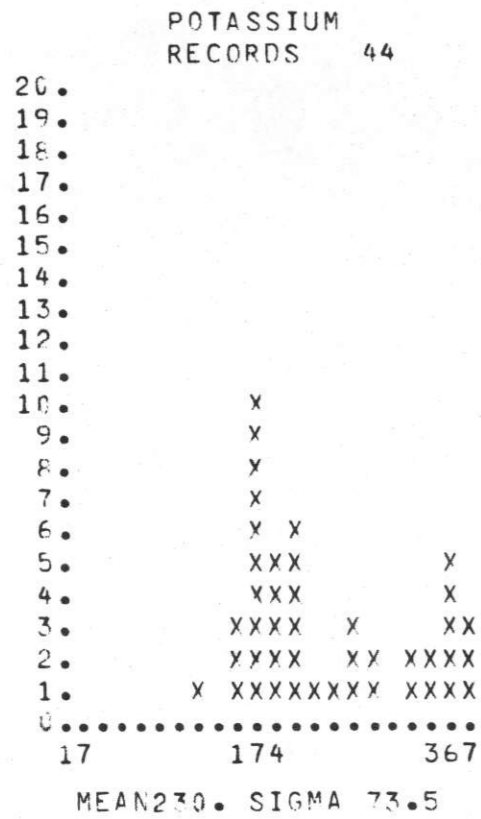
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT QTU



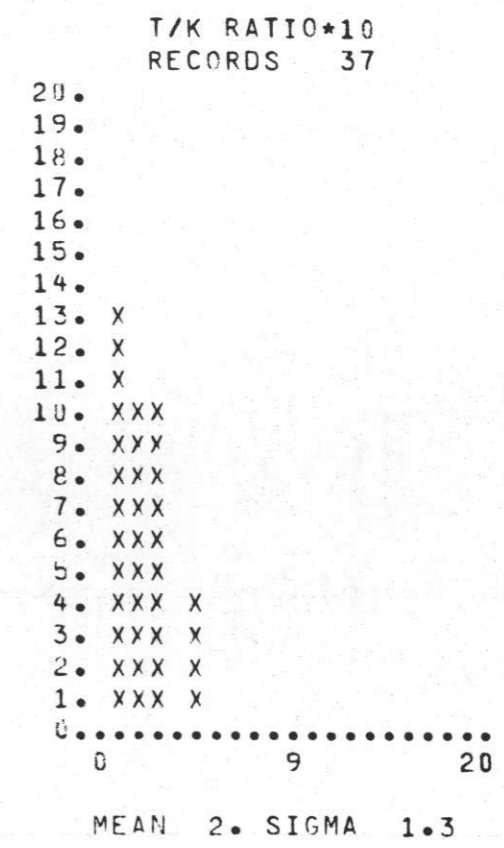
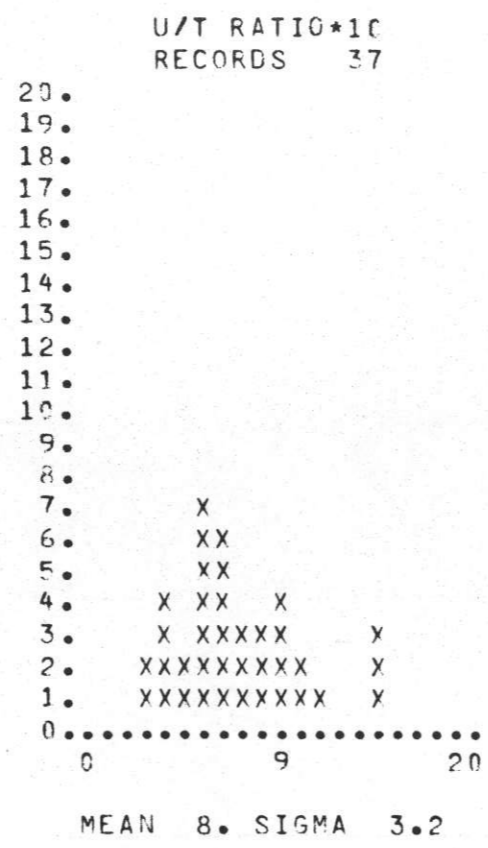
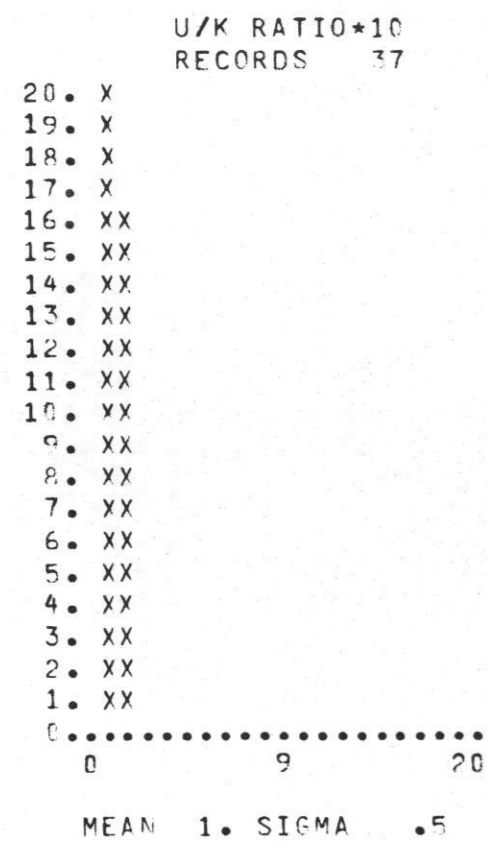
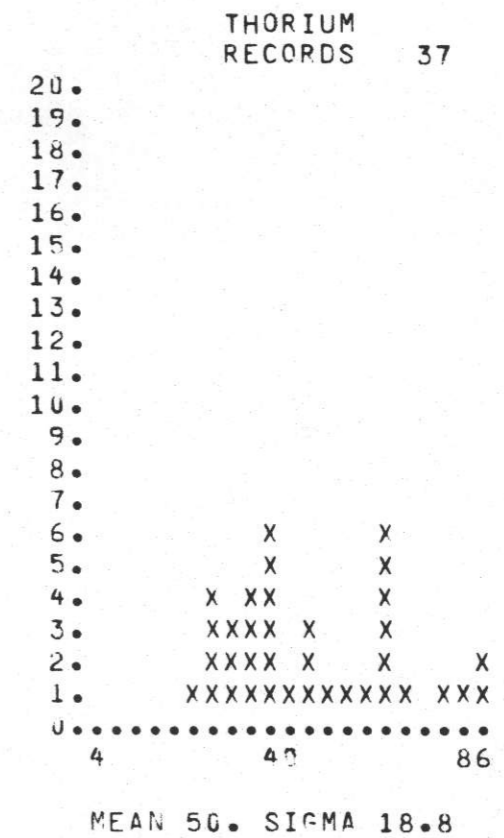
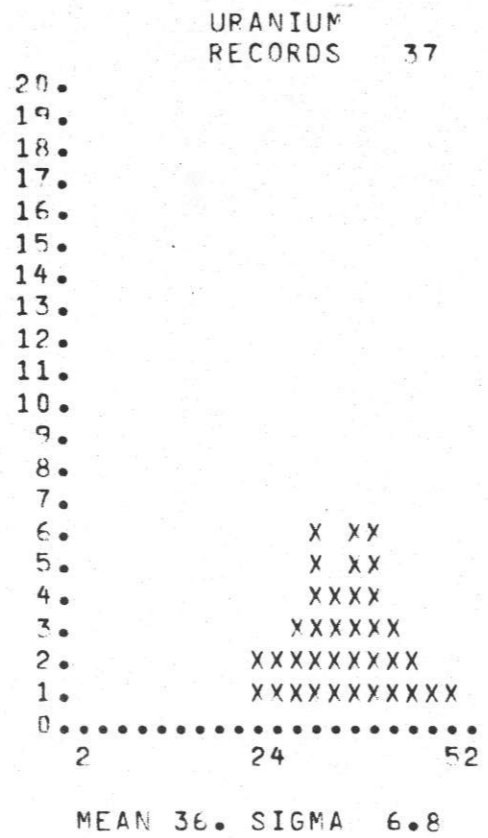
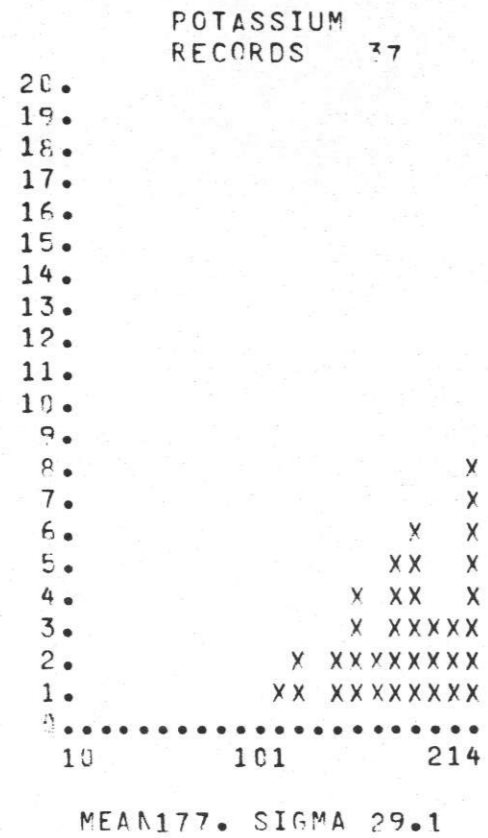
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT QTV



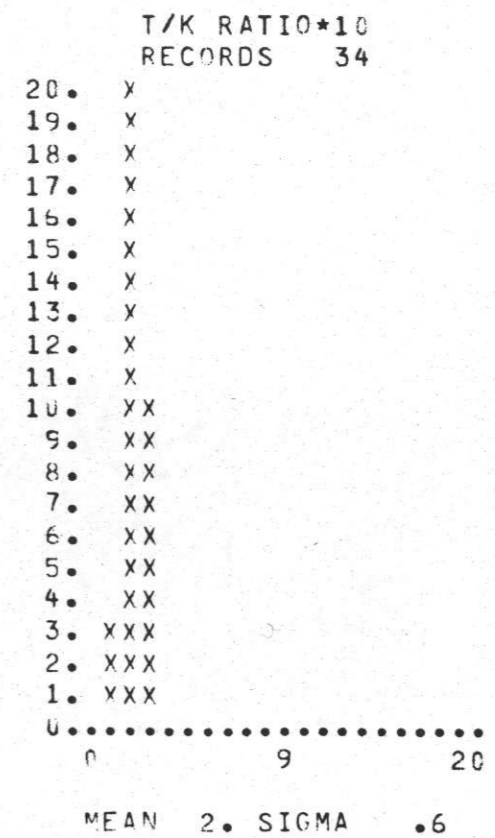
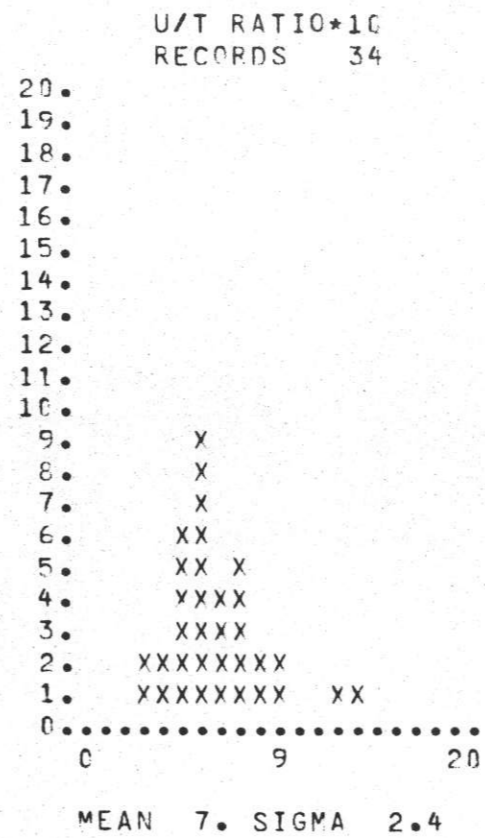
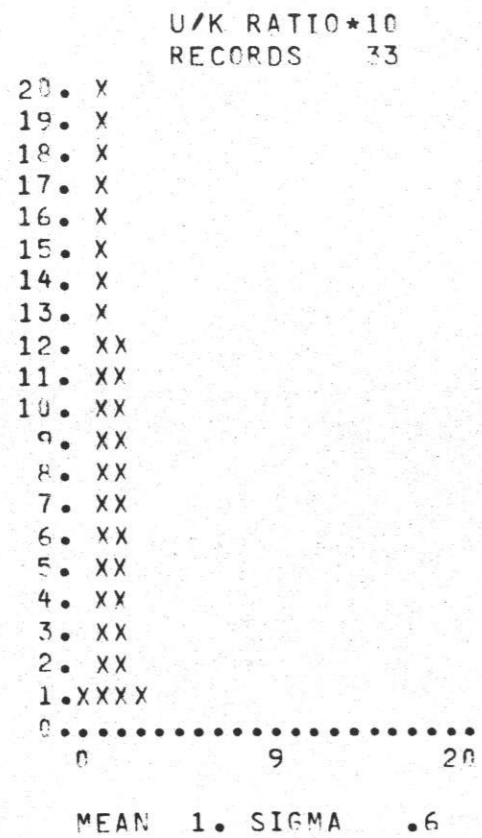
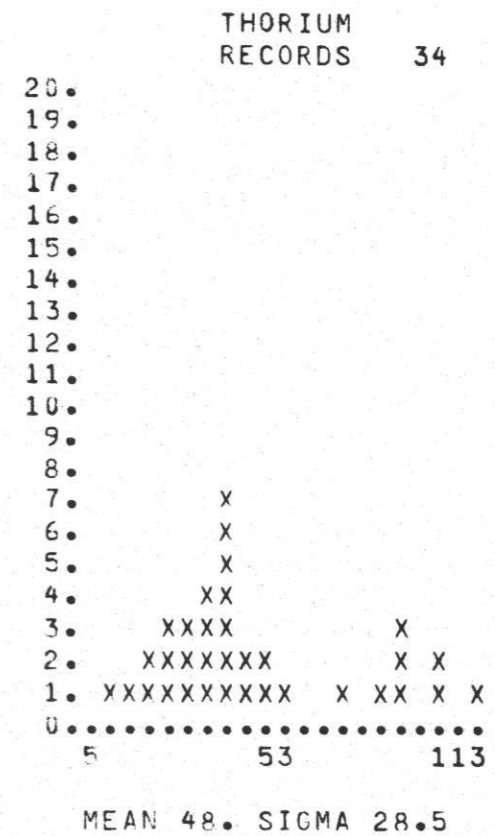
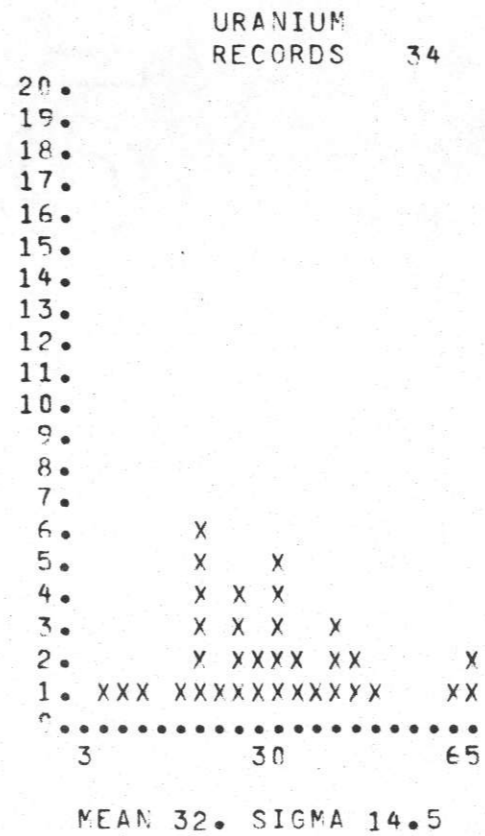
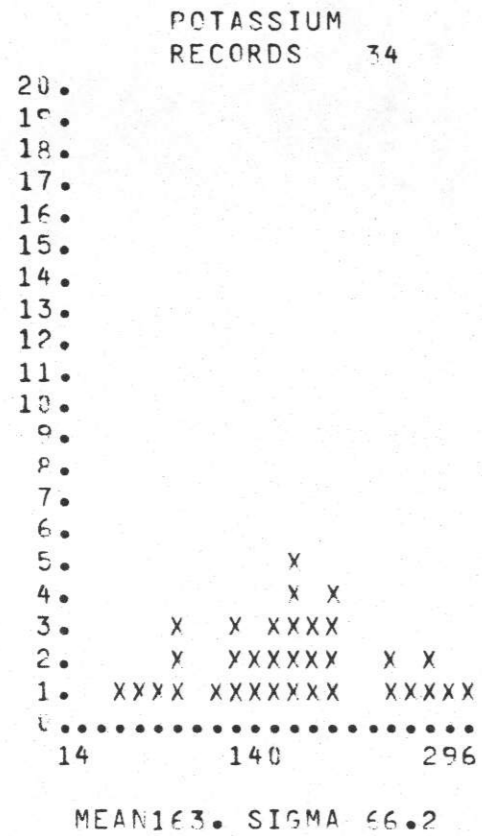
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT TS



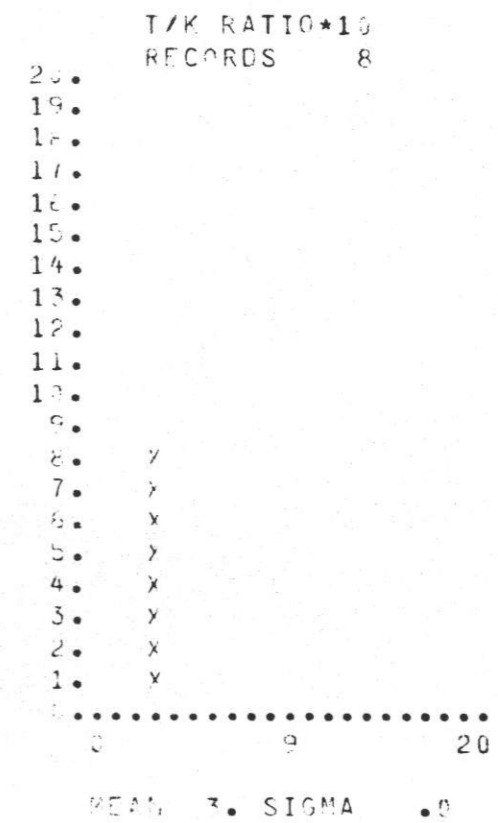
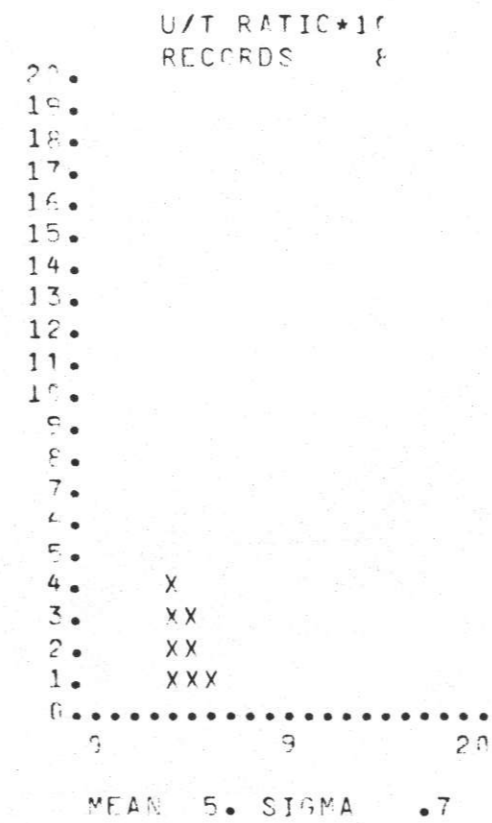
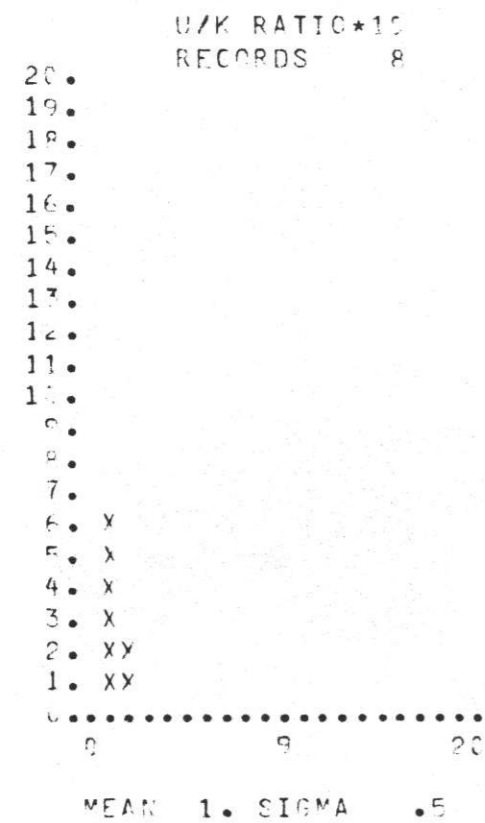
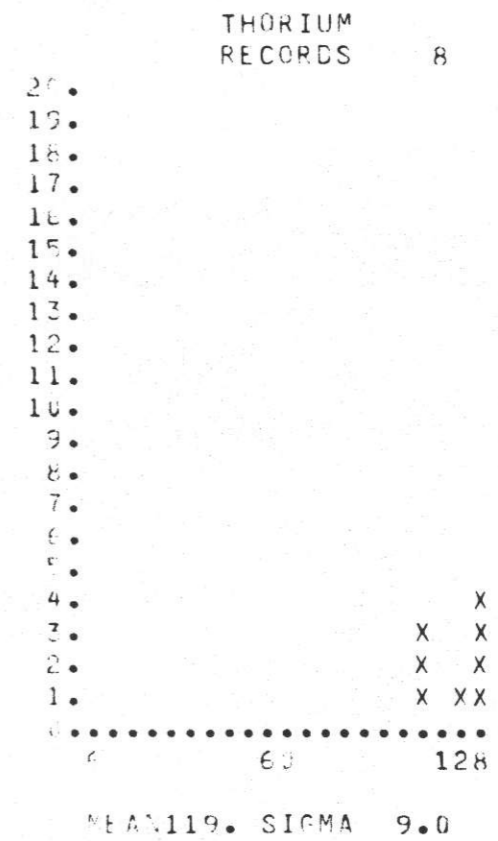
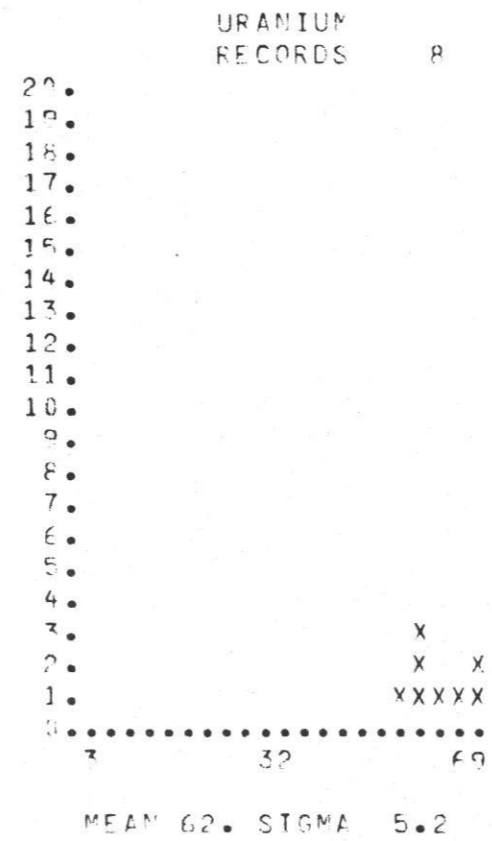
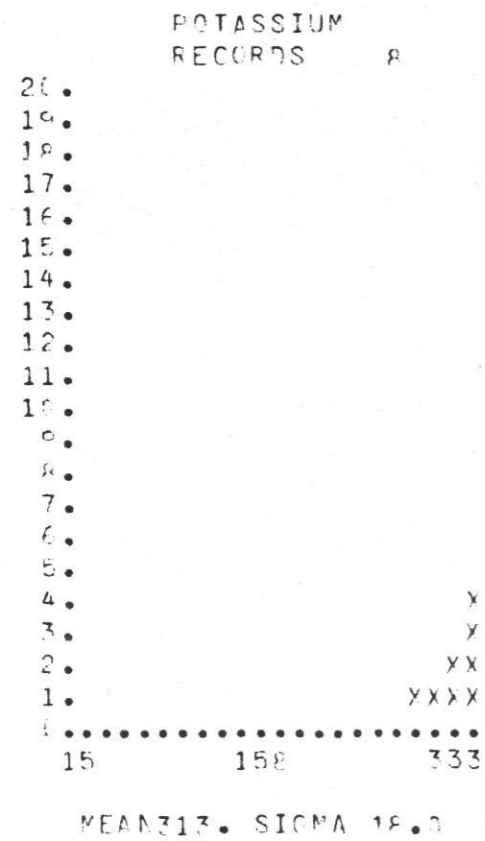
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT TKS



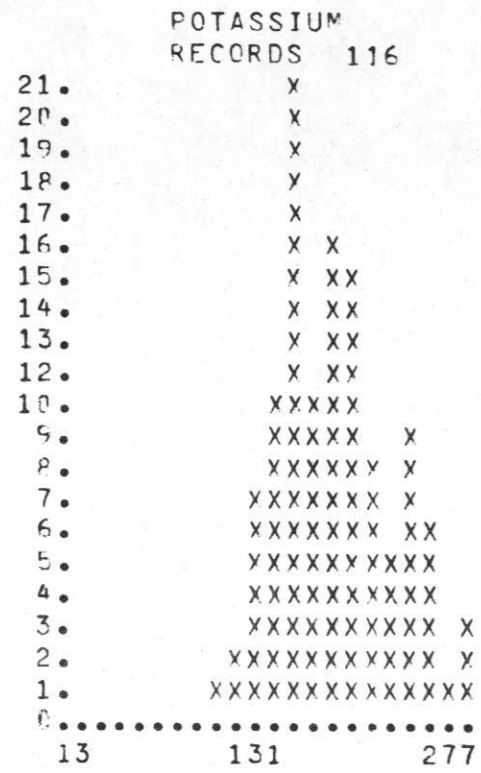
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT TI



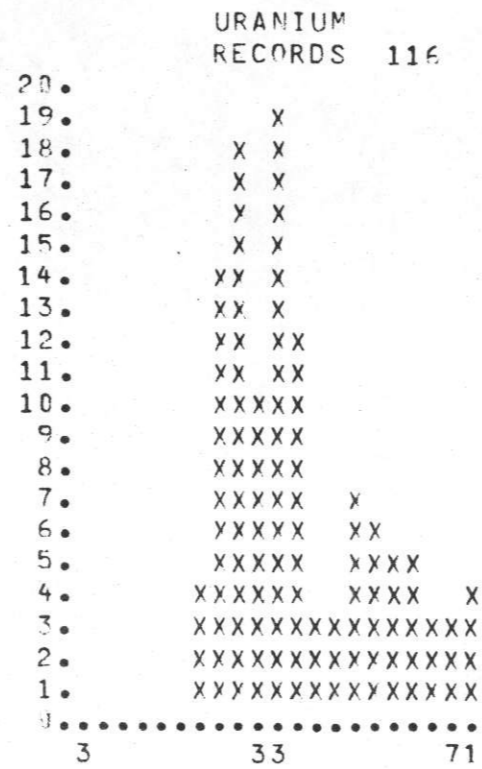
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT TA



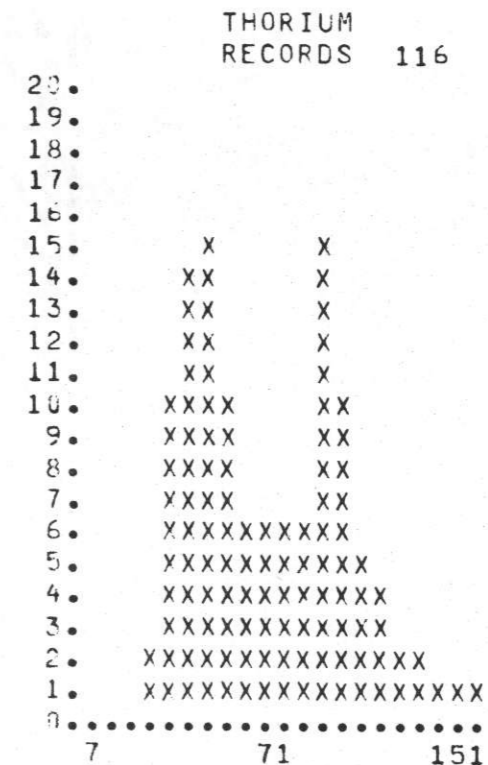
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT T6



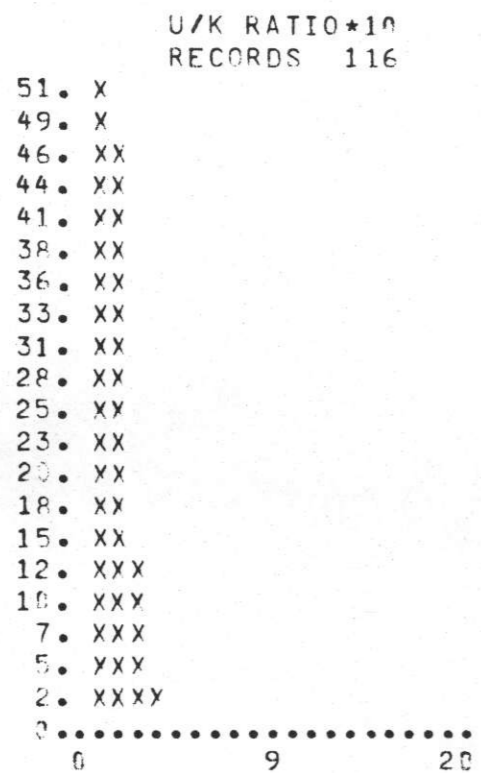
MEAN 181. SIGMA 37.9



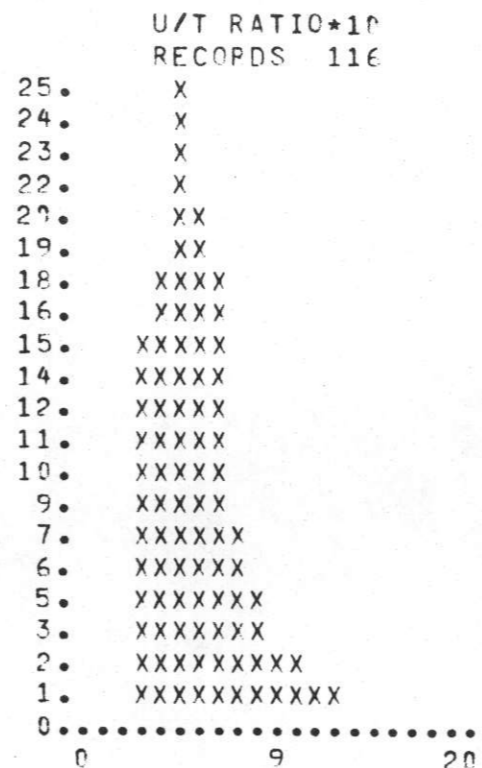
MEAN 41. SIGMA 13.5



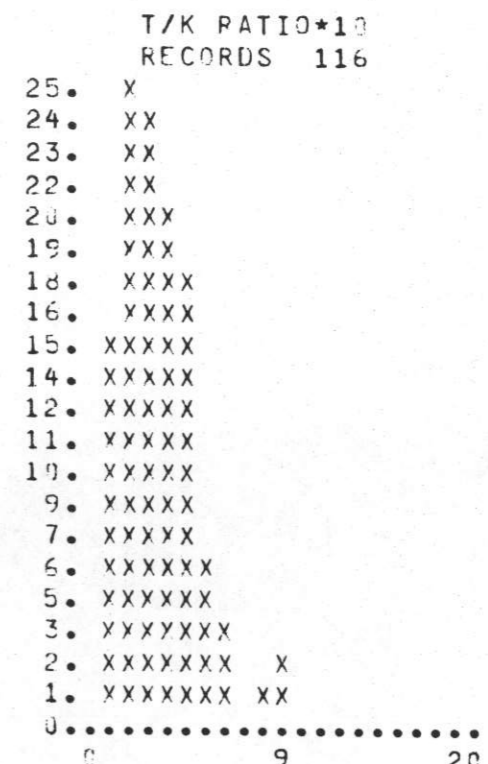
MEAN 70. SIGMA 29.0



MEAN 2. SIGMA .8



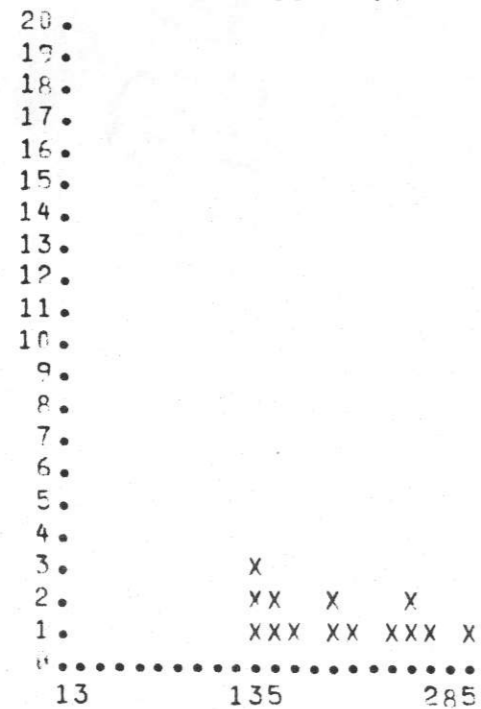
MEAN 6. SIGMA 2.1



MEAN 3. SIGMA 1.8

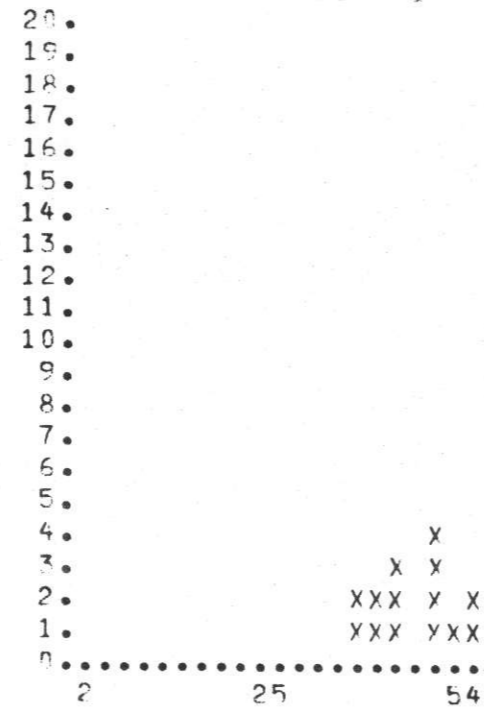
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT TKV

POTASSIUM
RECORDS 14



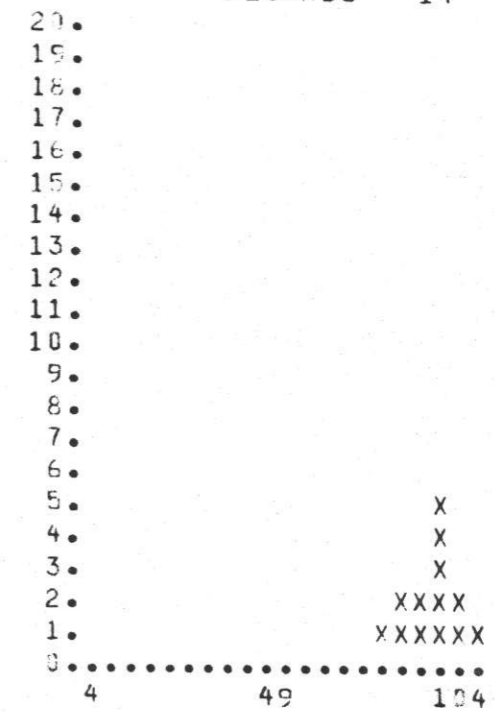
MEAN 191. SIGMA 52.7

URANIUM
RECORDS 14



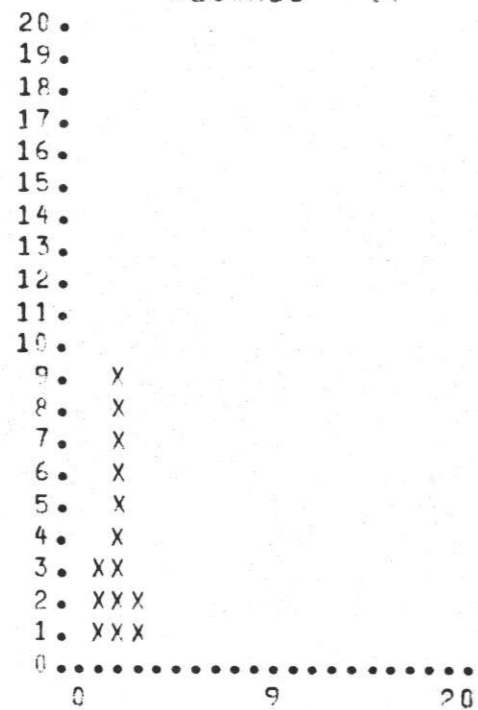
MEAN 46. SIGMA 5.9

THORIUM
RECORDS 14



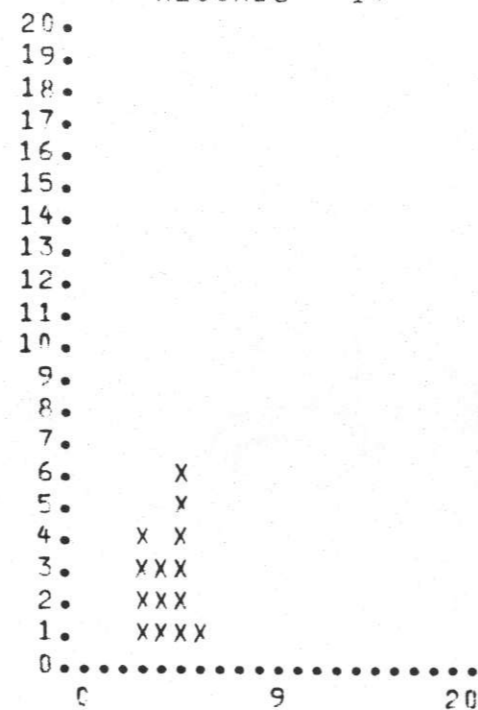
MEAN 93. SIGMA 7.8

U/K RATIO*10
RECORDS 14



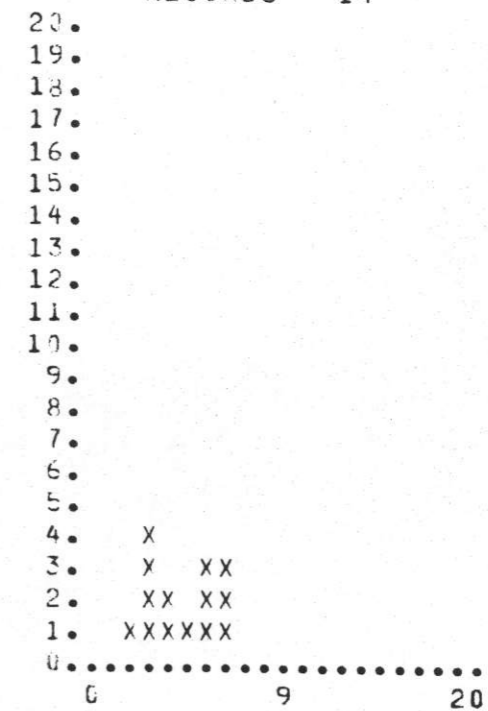
MEAN 2. SIGMA .6

U/T RATIO*10
RECORDS 14



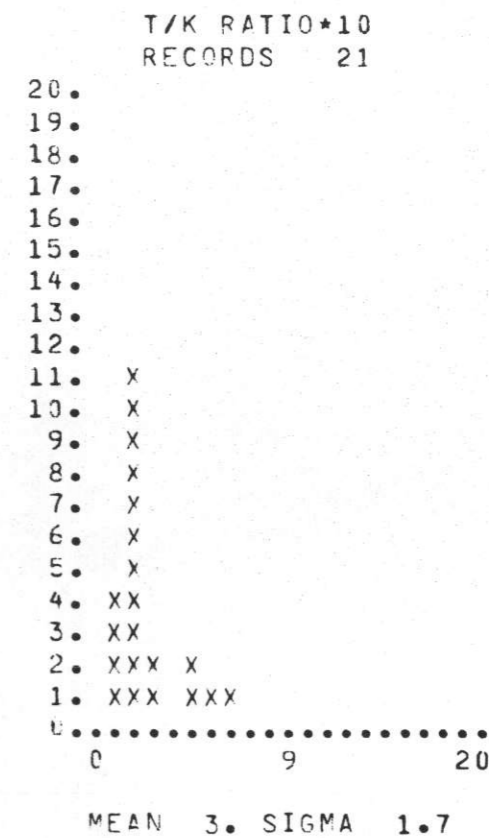
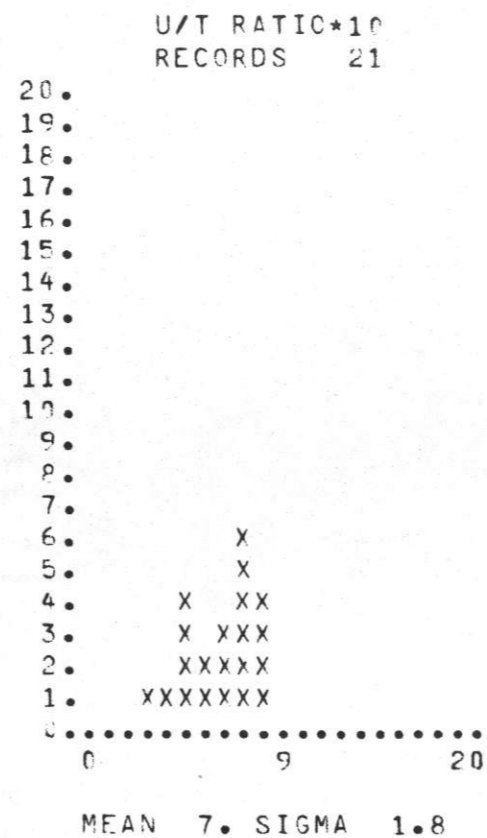
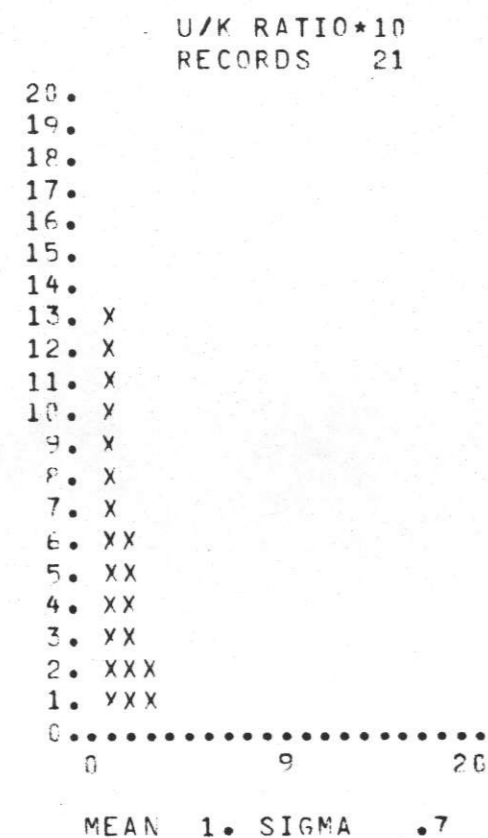
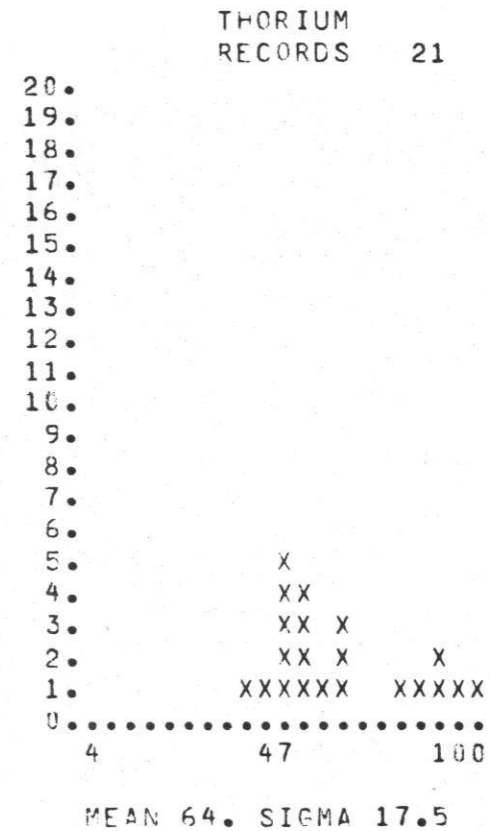
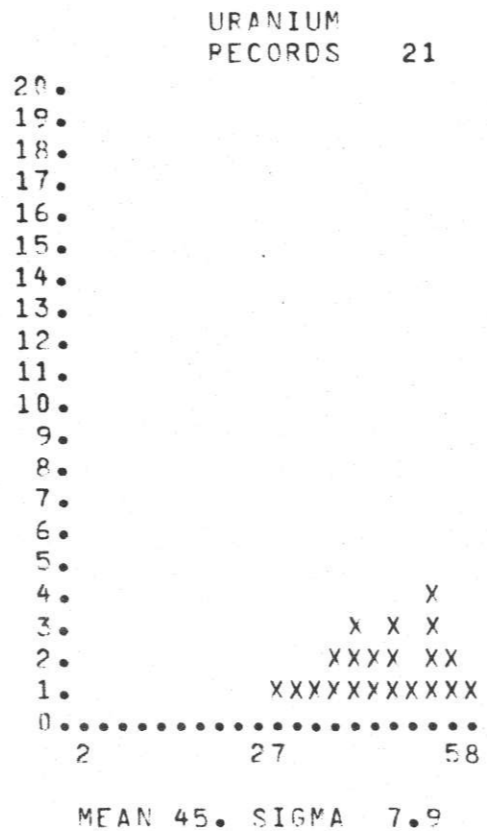
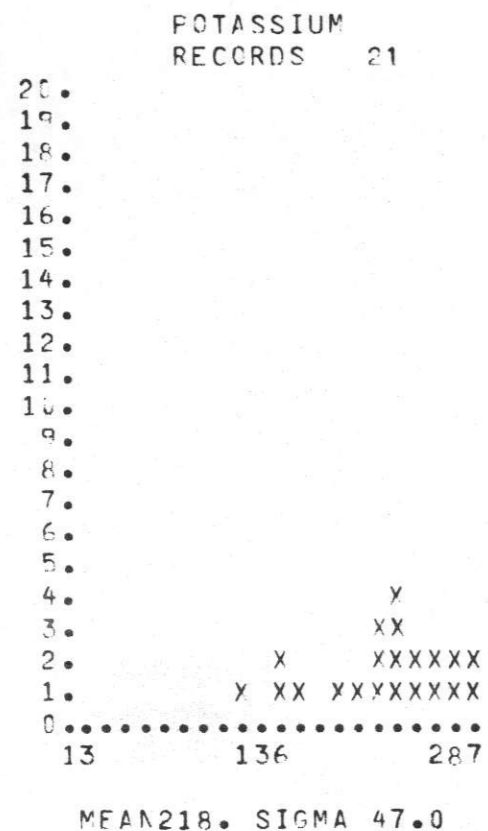
MEAN 4. SIGMA 1.0

T/K RATIO*10
RECORDS 14

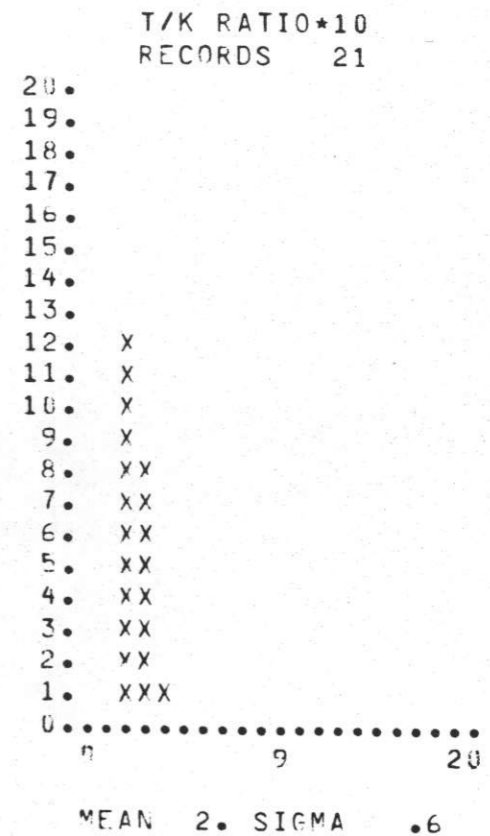
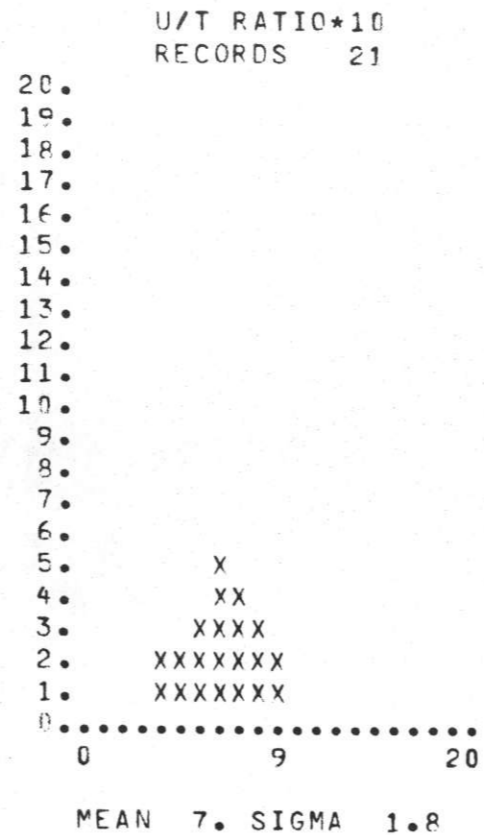
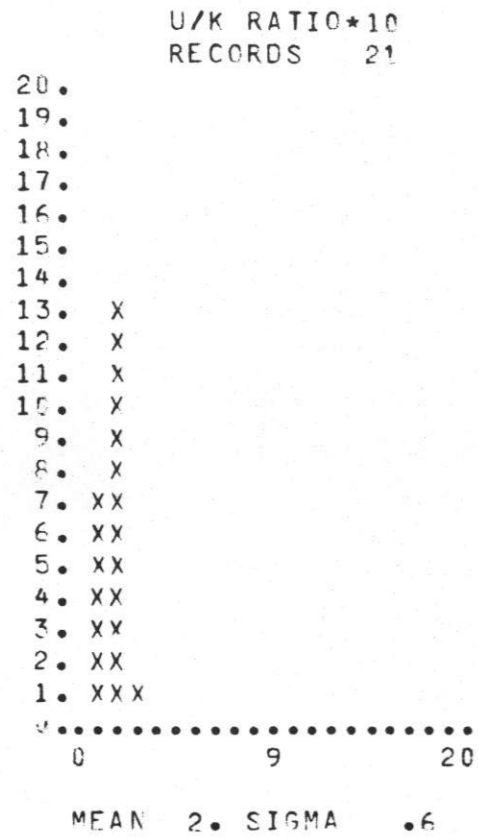
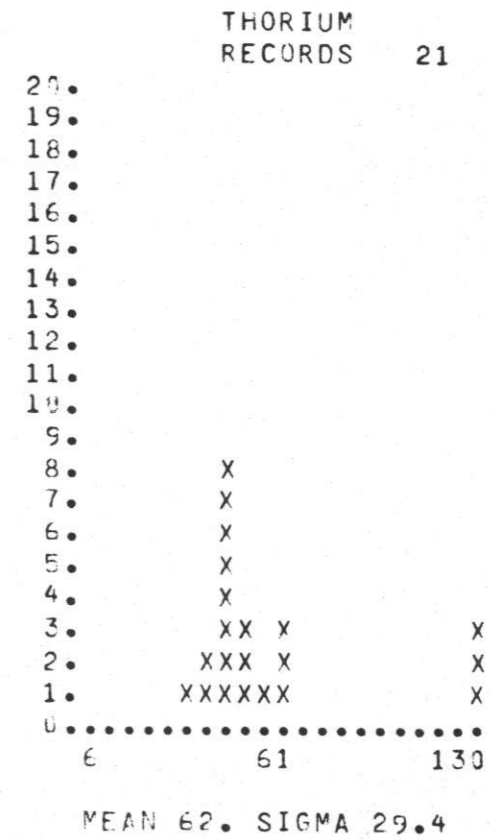
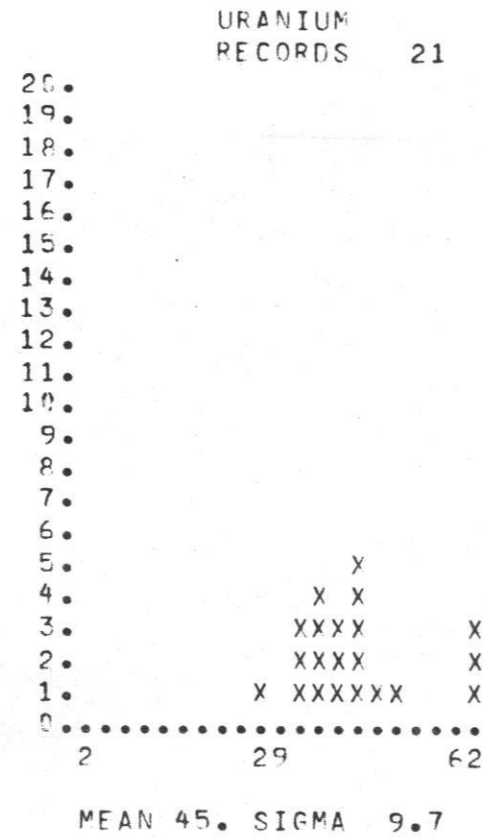
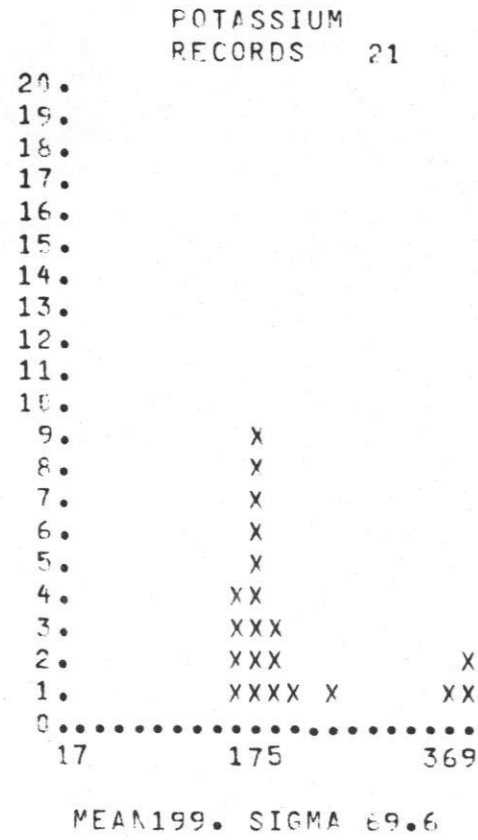


MEAN 5. SIGMA 1.8

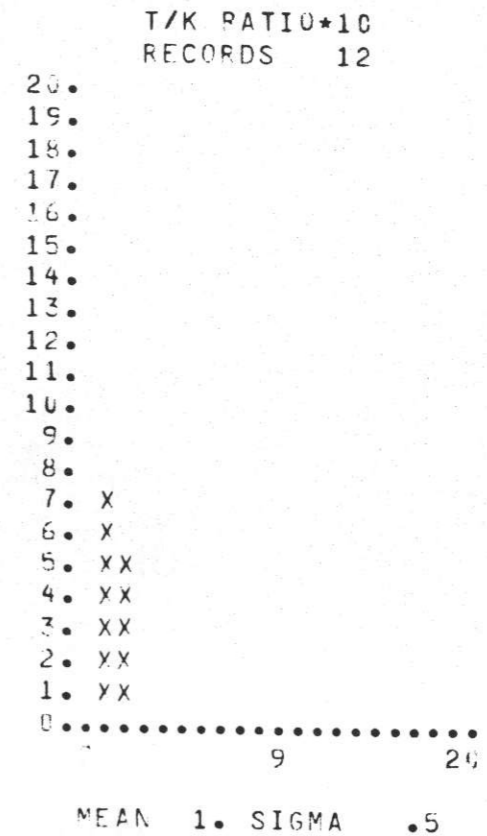
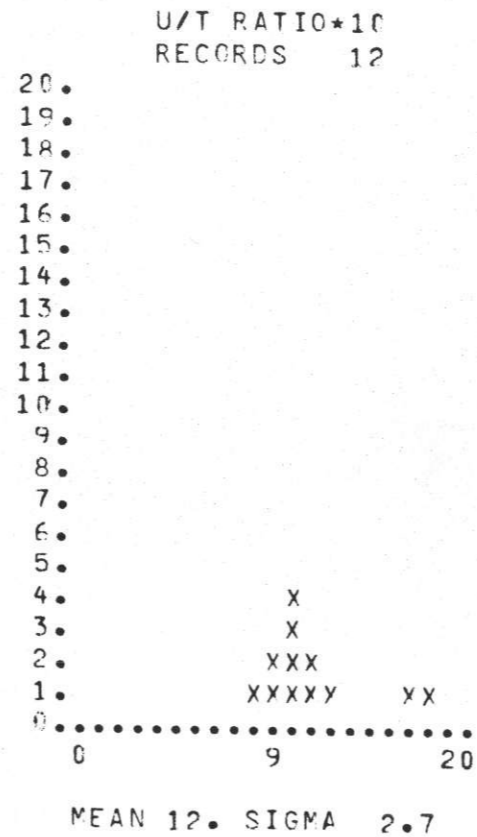
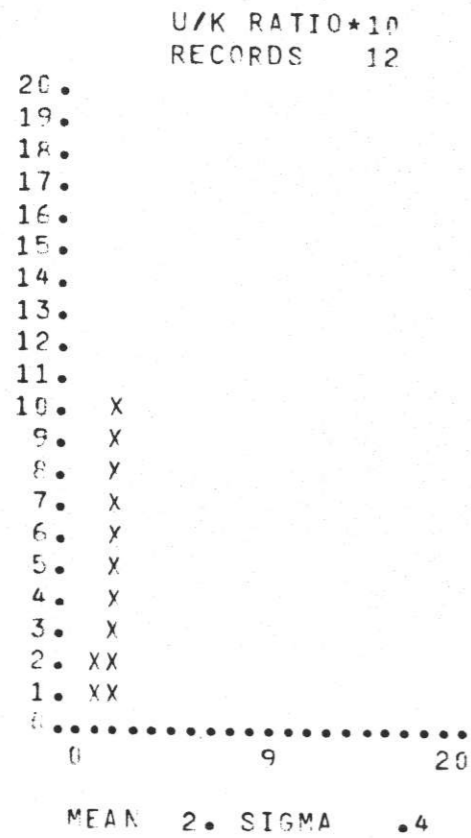
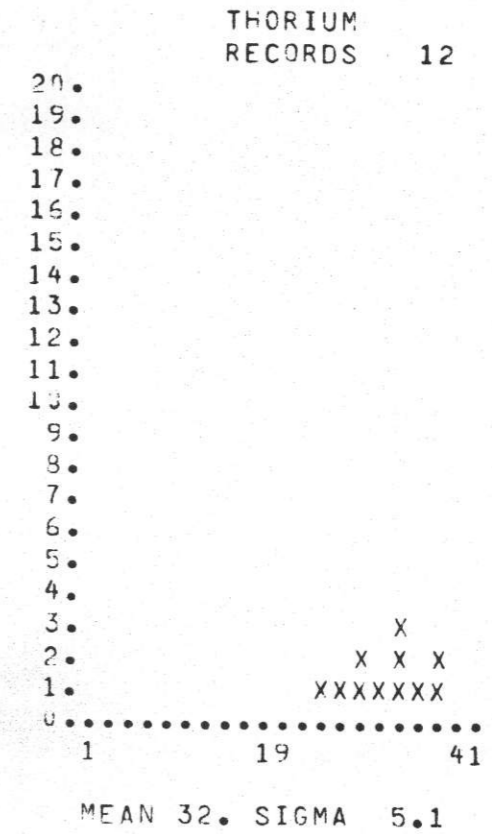
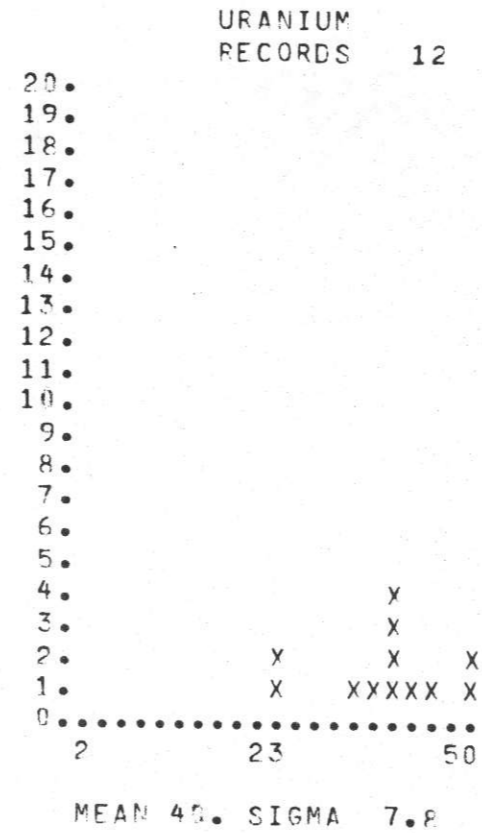
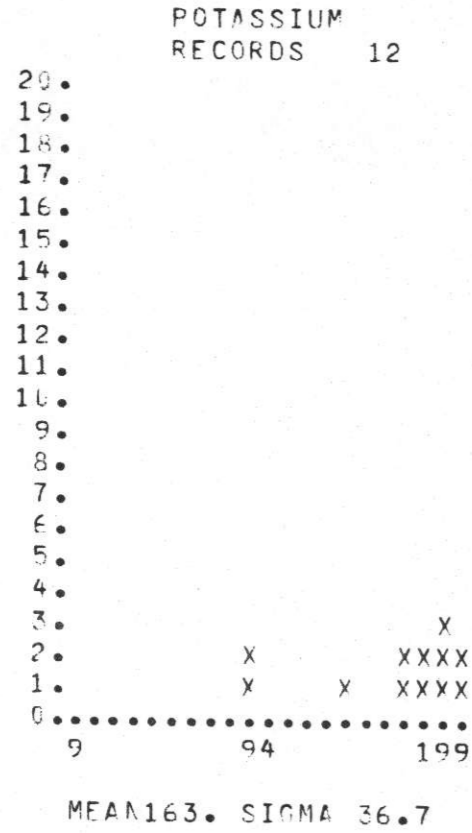
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT TGN



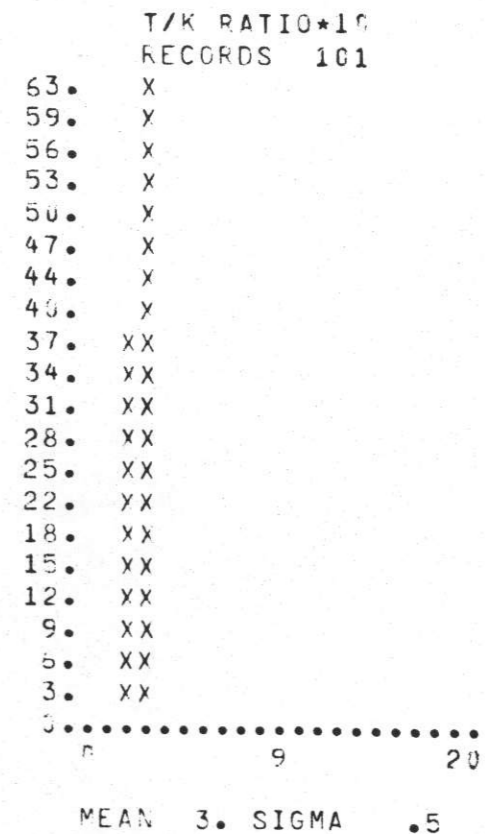
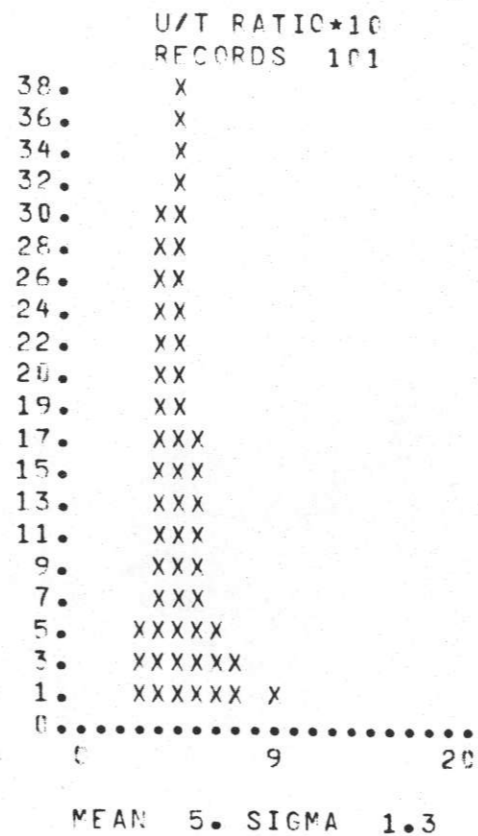
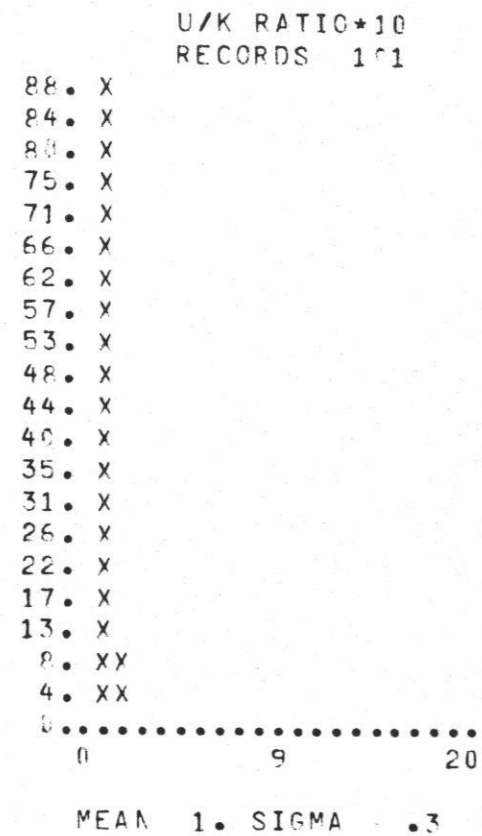
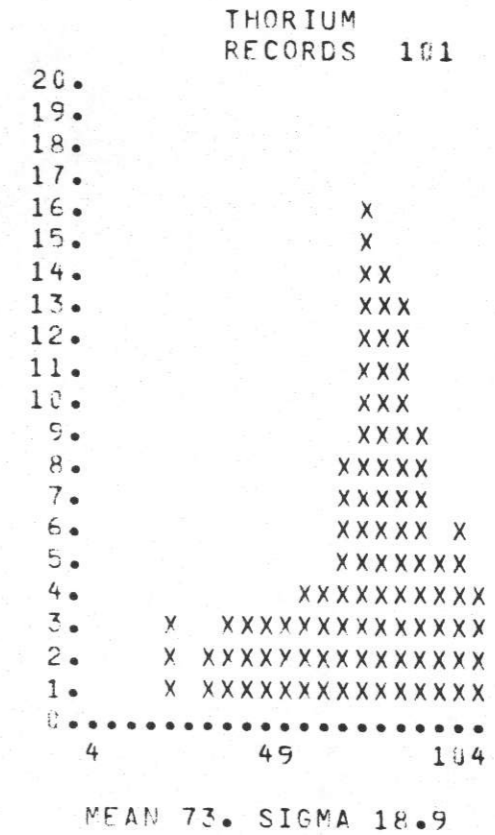
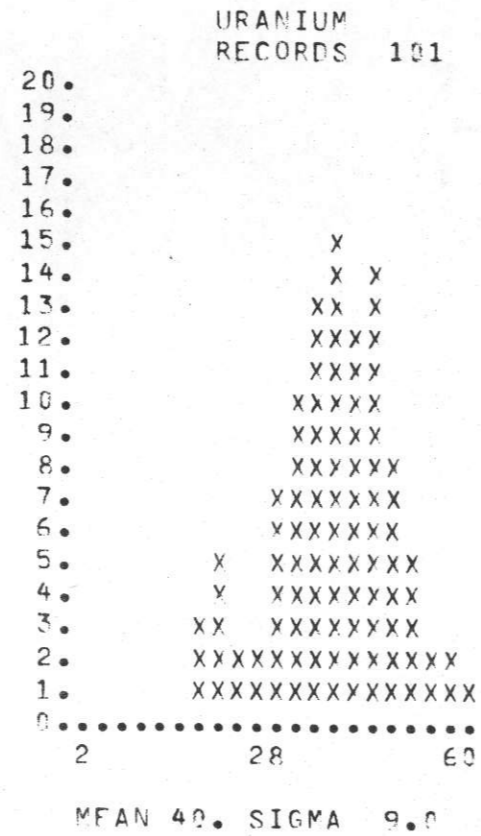
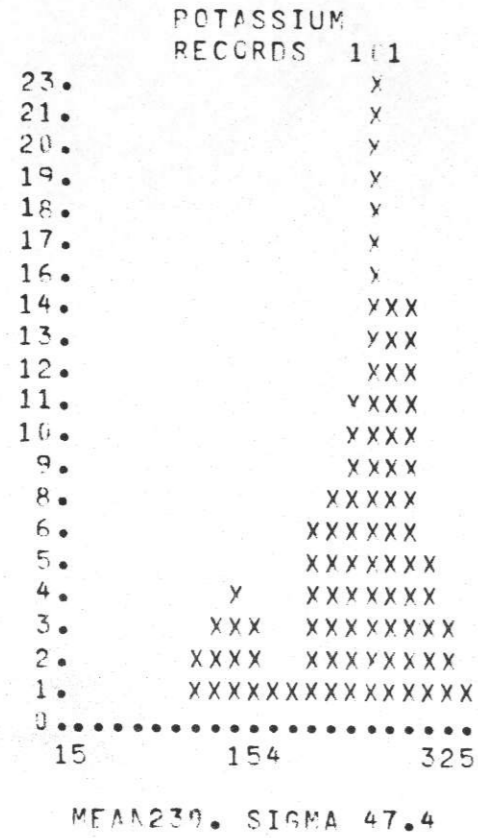
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT TSCH



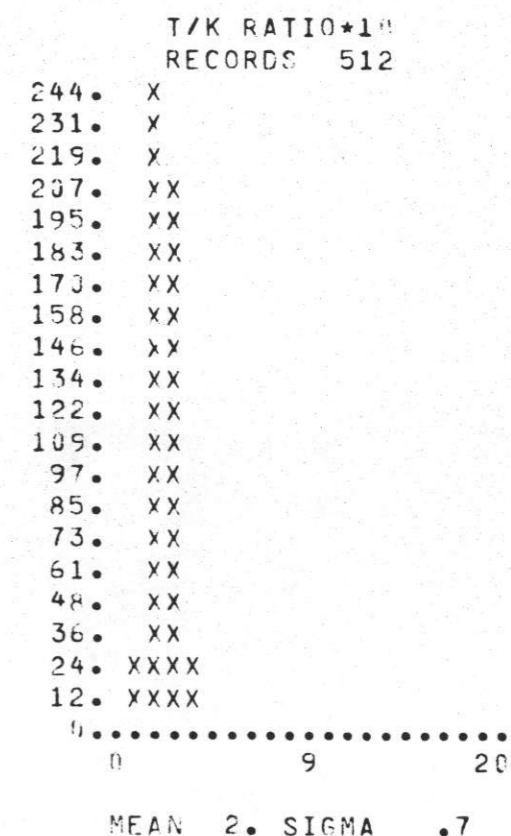
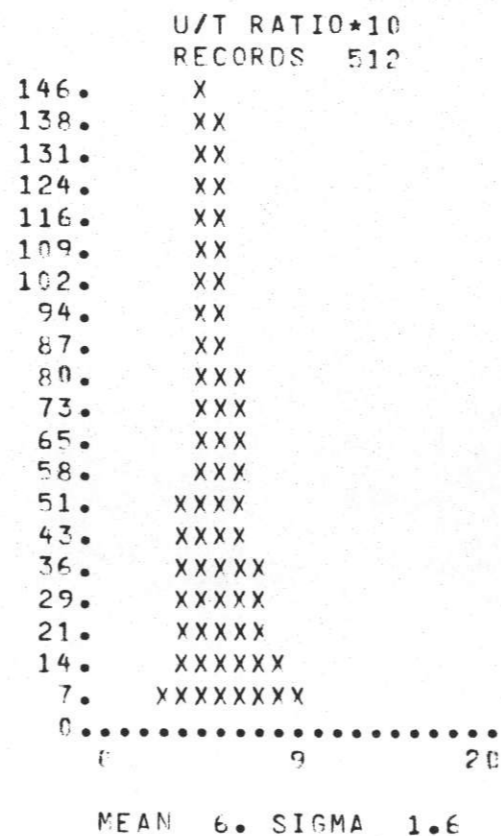
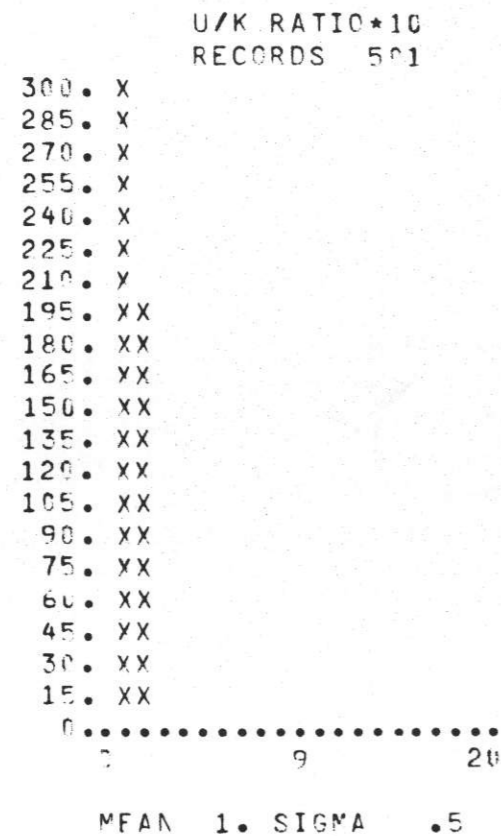
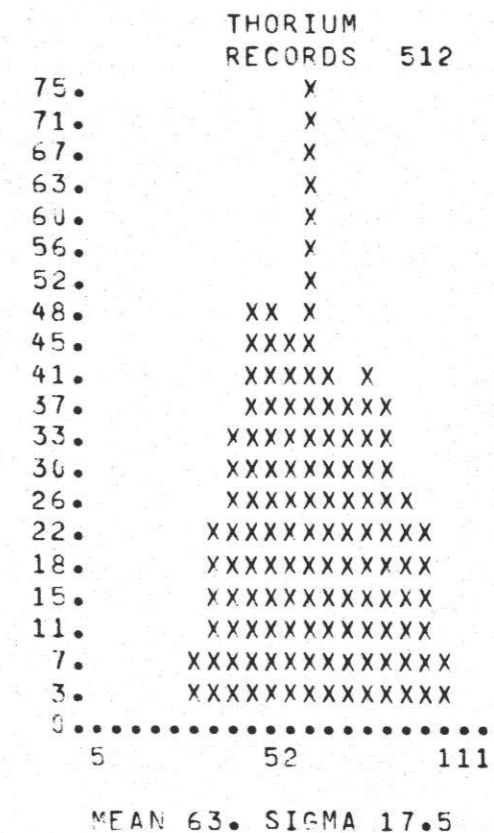
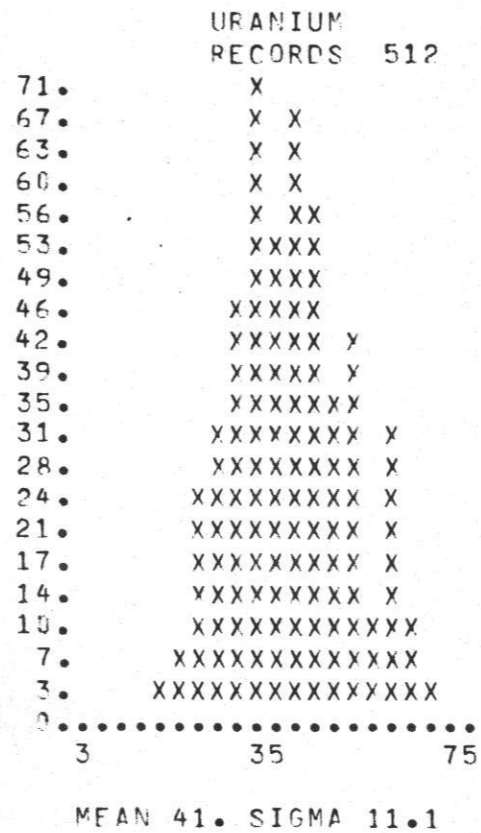
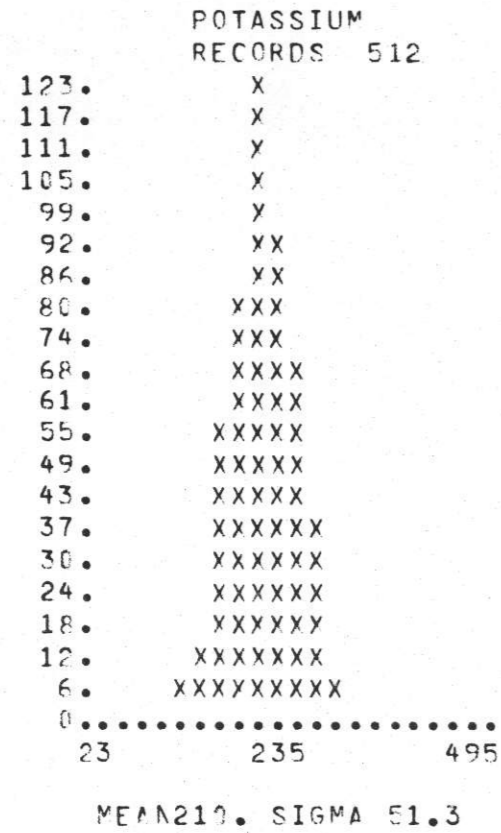
AJO QUADRANGLE MI 12-10
GEOLOGIC UNIT TU



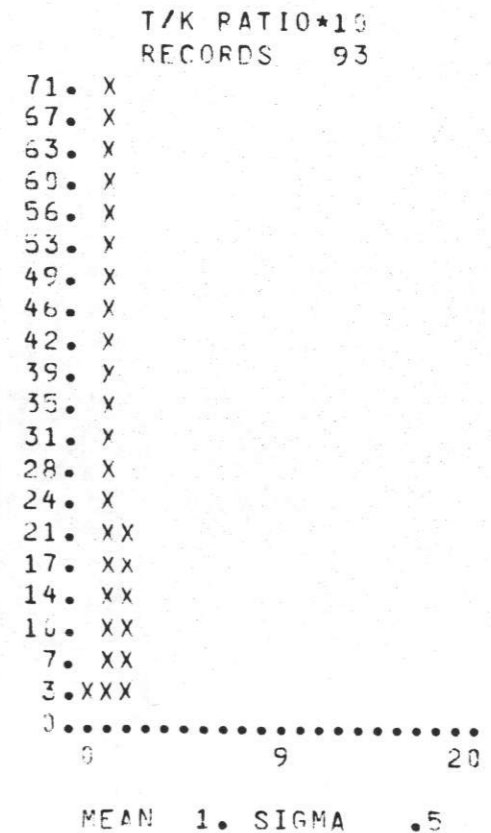
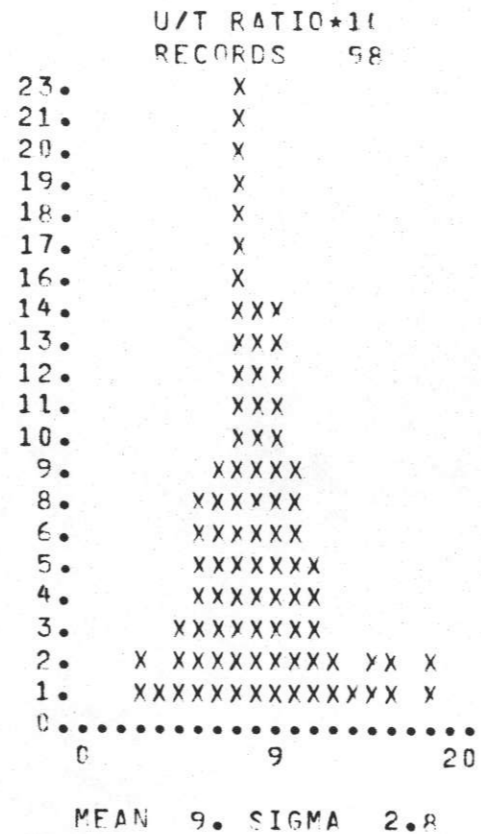
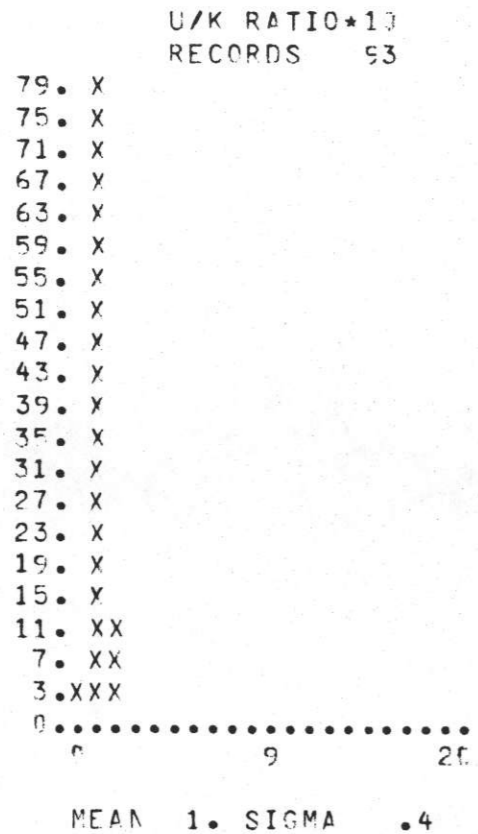
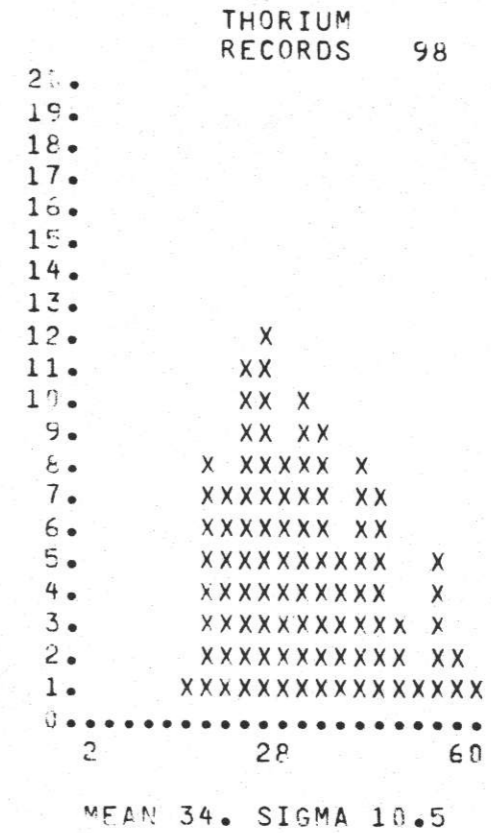
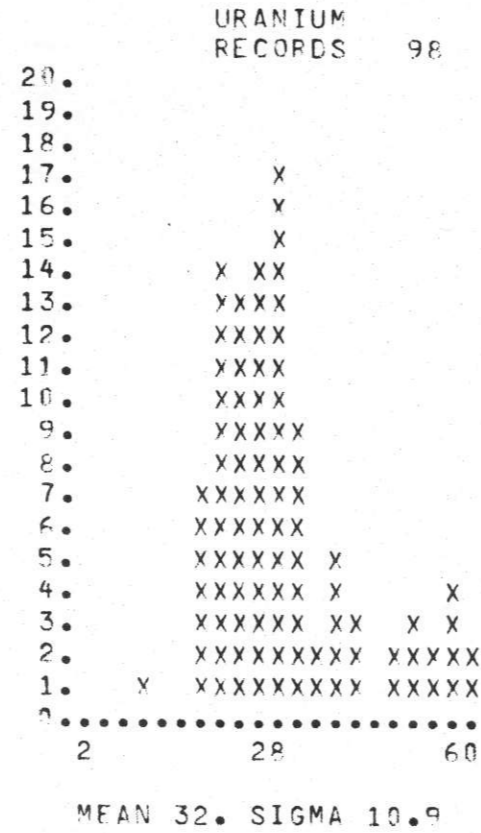
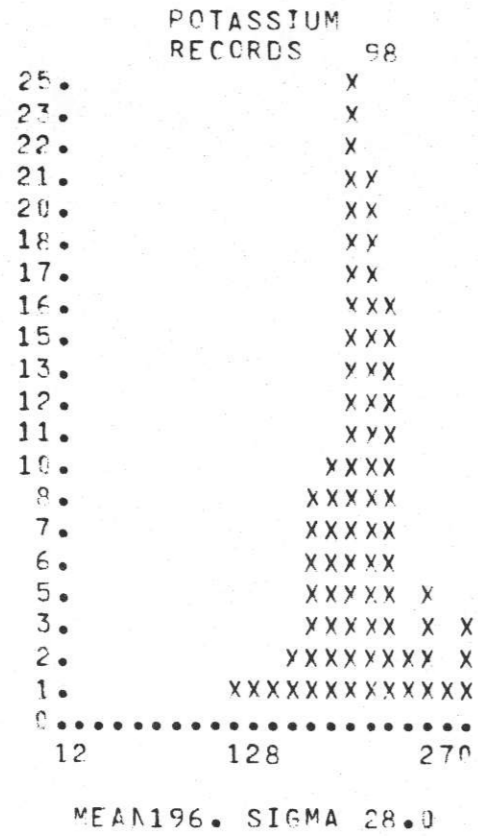
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT KSV



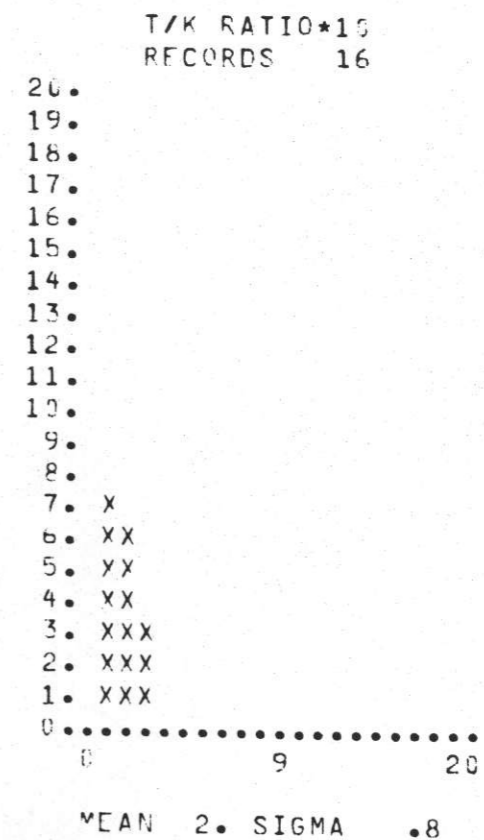
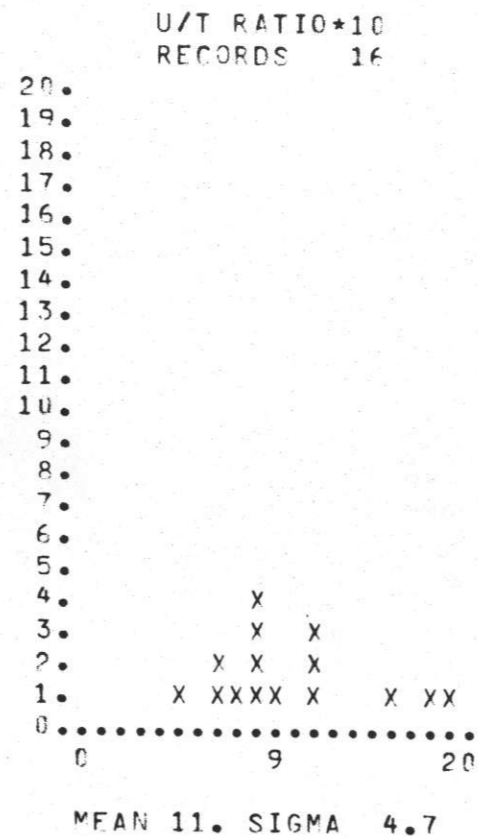
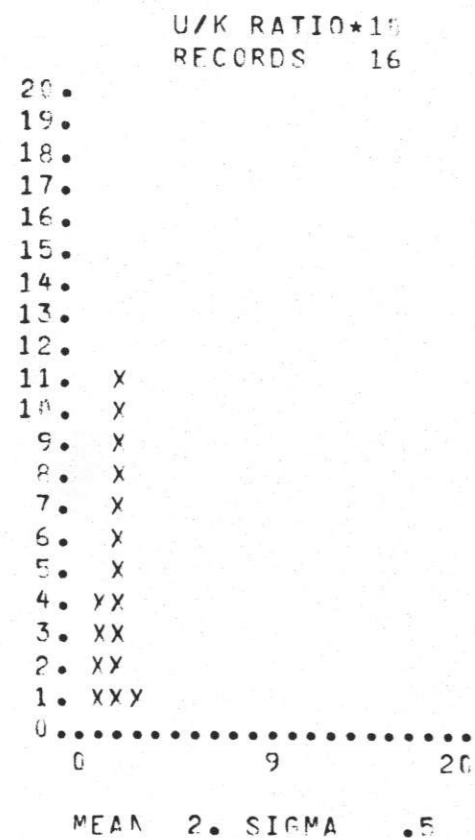
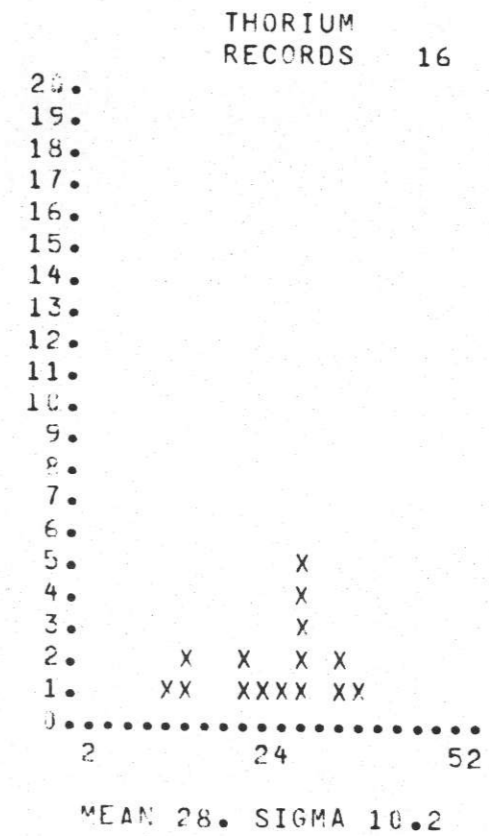
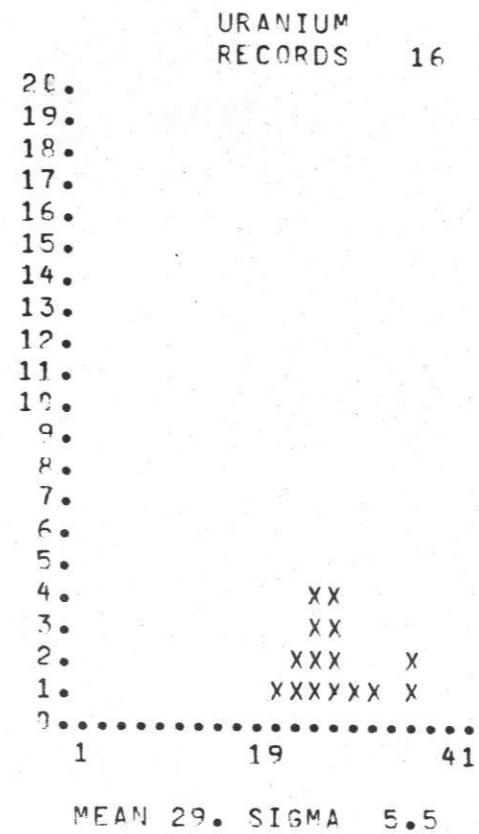
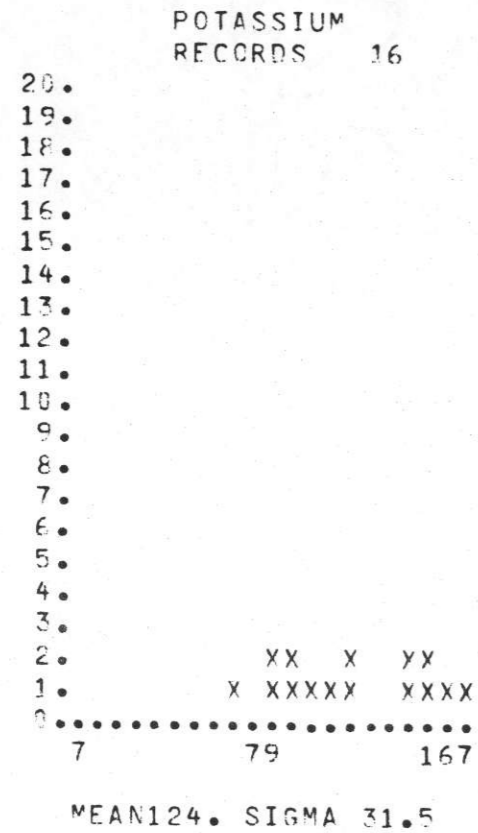
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT KA



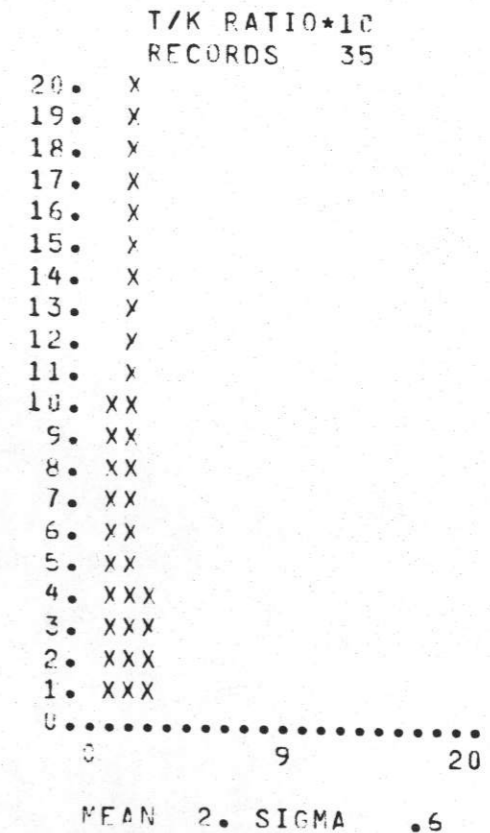
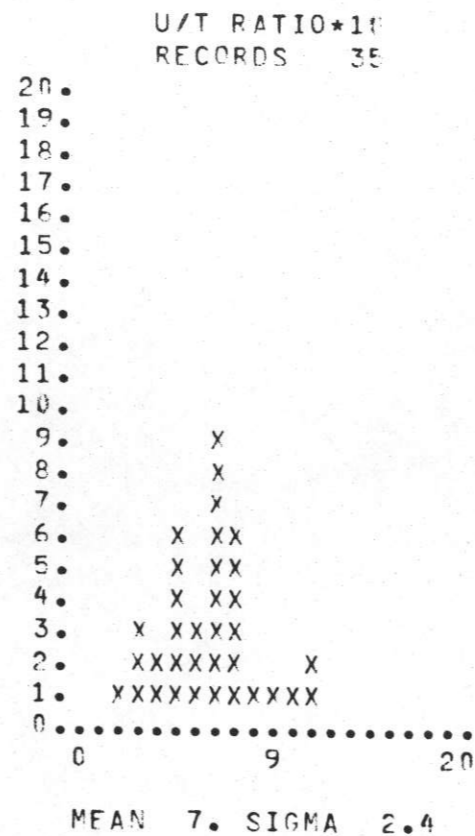
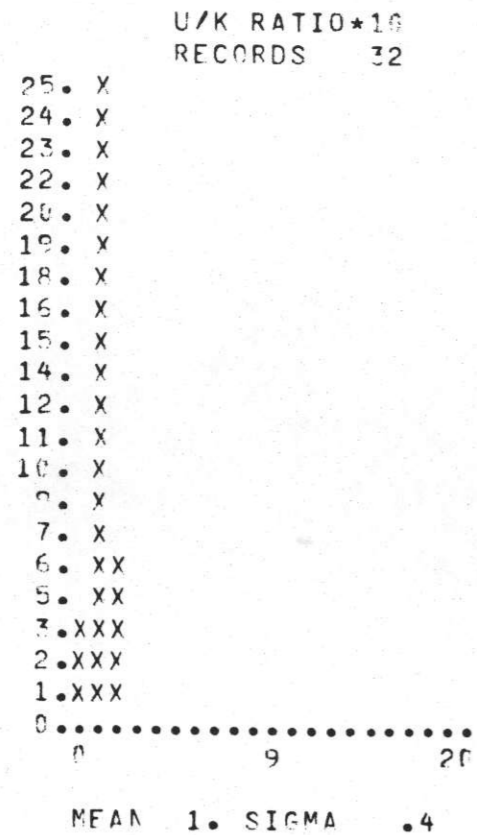
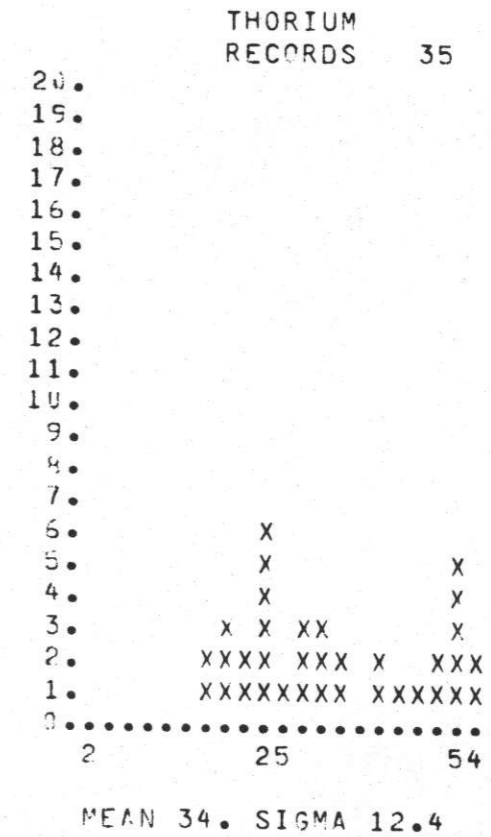
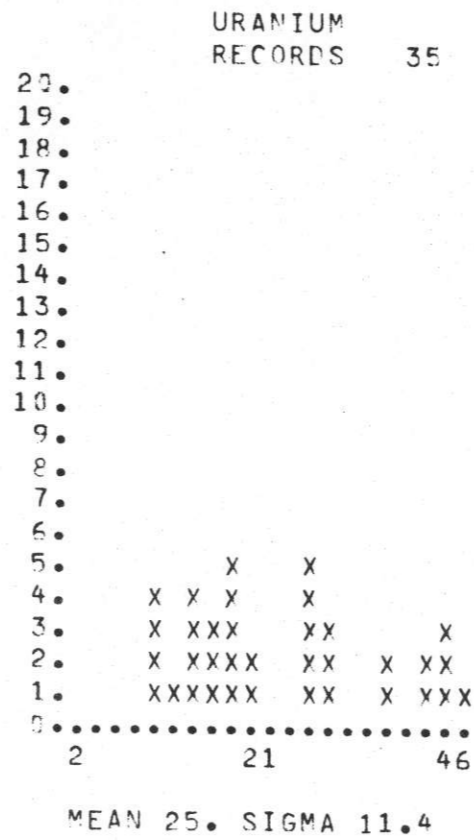
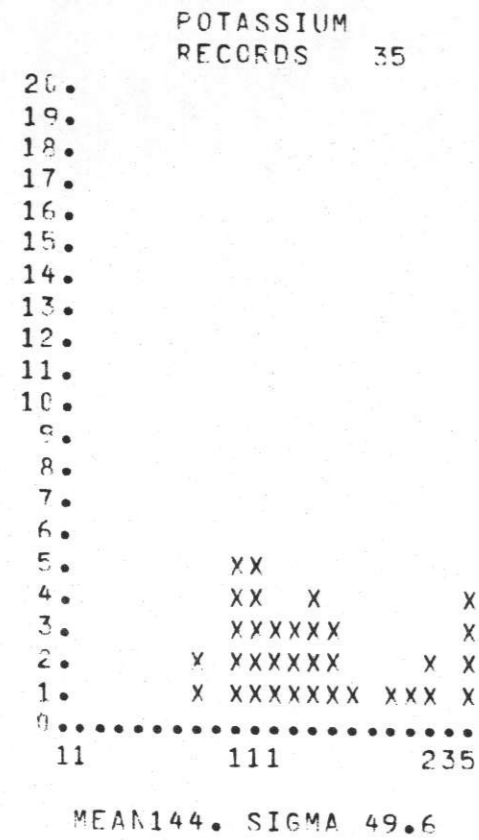
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT MG



AJO QUADRANGLE MI 12-10
GEOLOGIC UNIT MGN

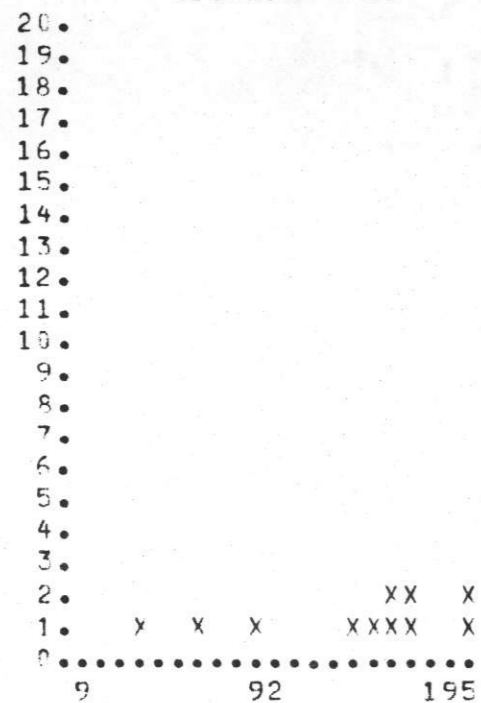


AJC QUADRANGLE NI 12-10
GEOLOGIC UNIT MSCH



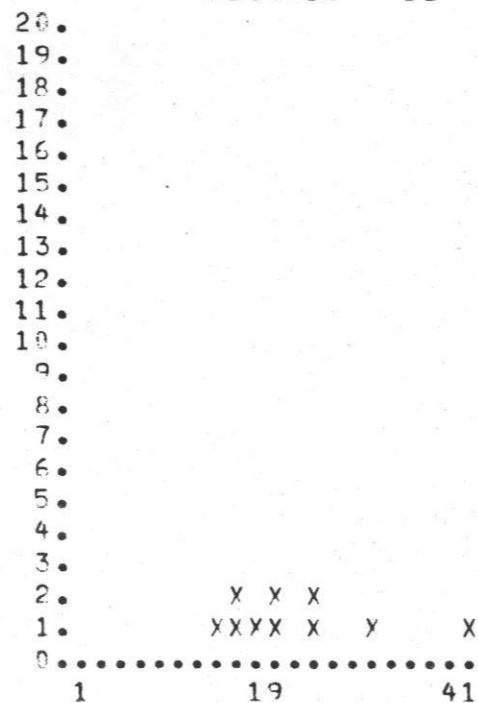
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT MDU

POTASSIUM
RECORDS 11



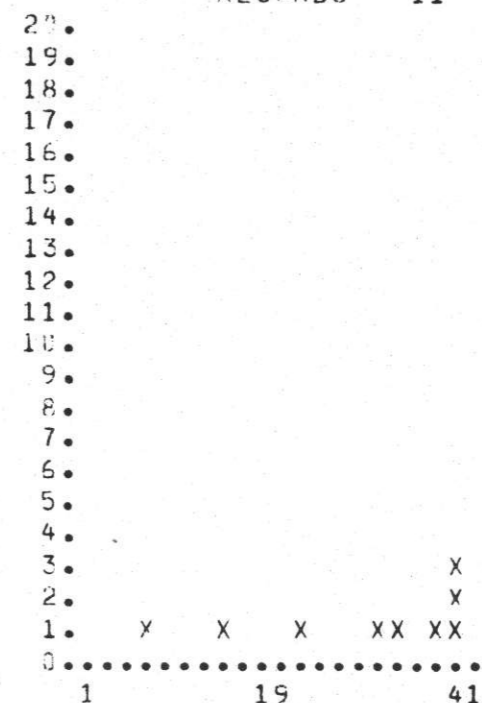
MEAN 135. SIGMA 52.0

URANIUM
RECORDS 11



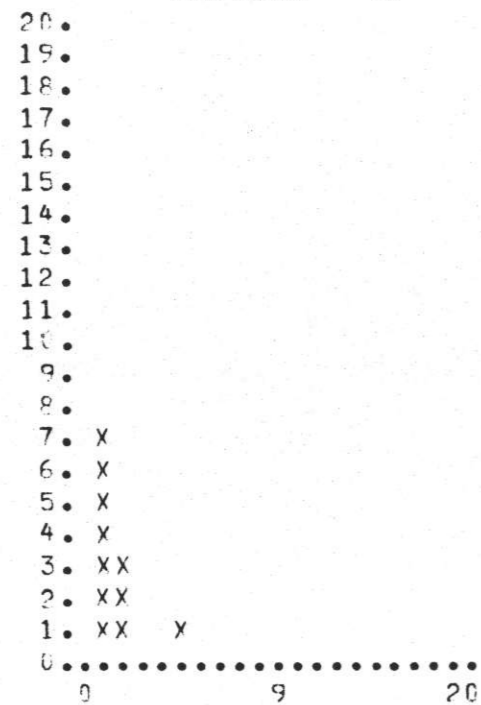
MEAN 25. SIGMA 9.5

THORIUM
RECORDS 11



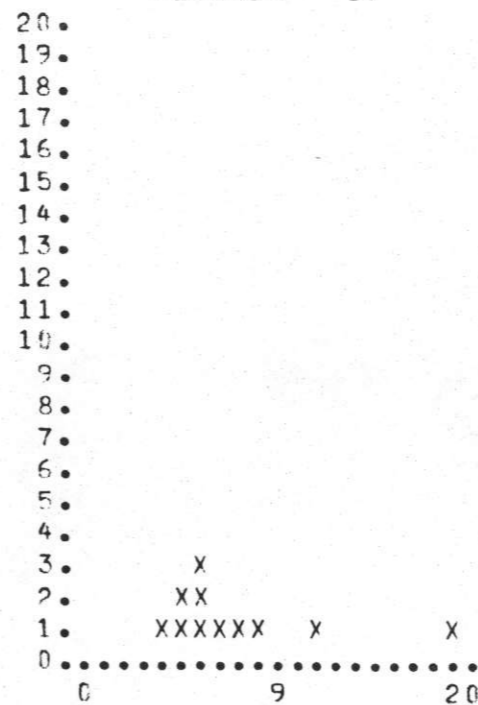
MEAN 33. SIGMA 12.0

U/K RATIO*10
RECORDS 11



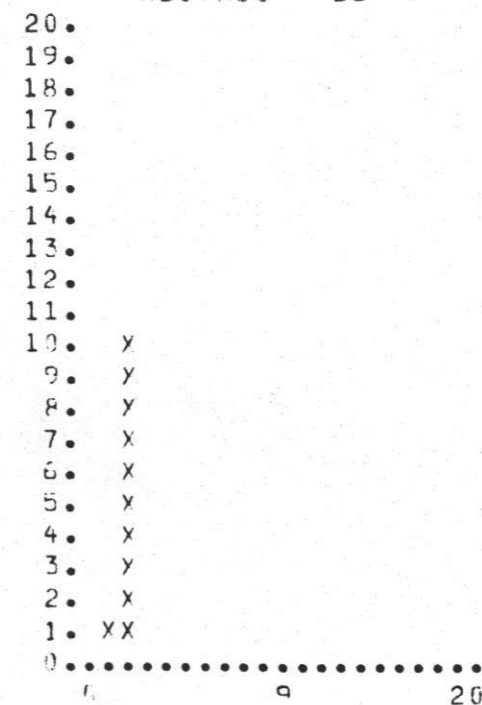
MEAN 2. SIGMA 1.2

U/T RATIO*10
RECORDS 11



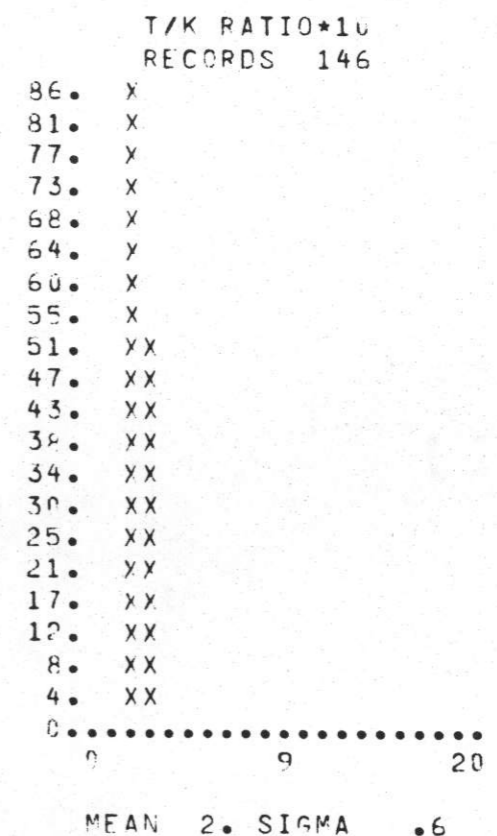
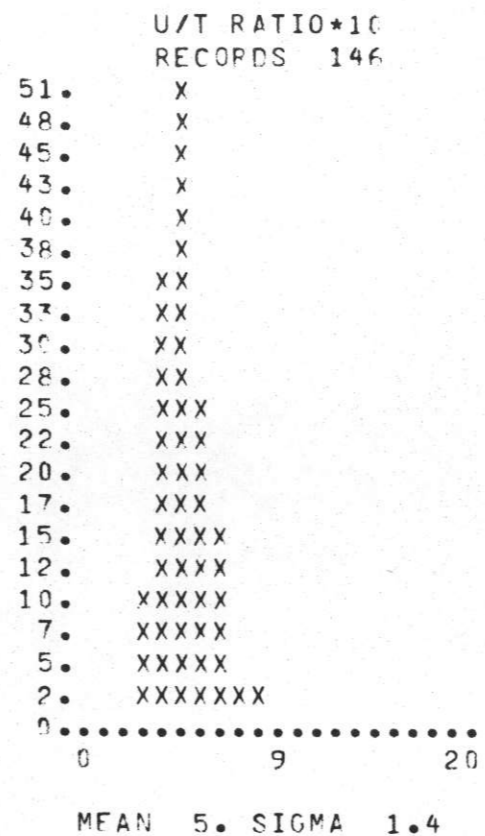
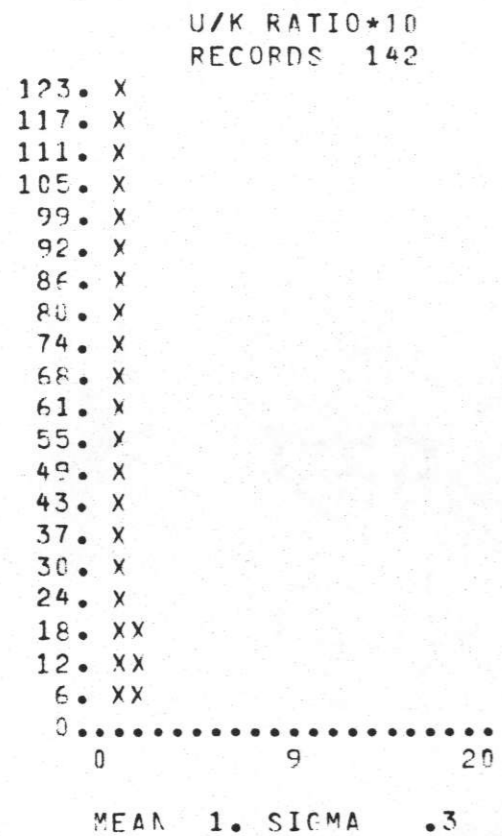
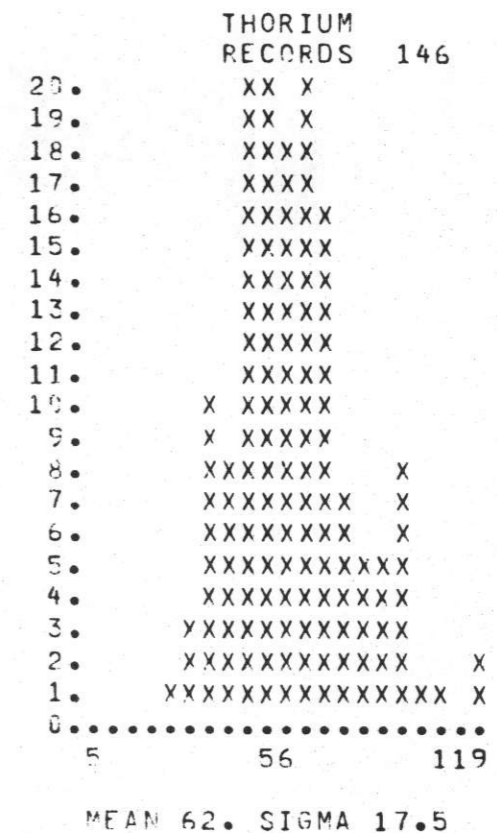
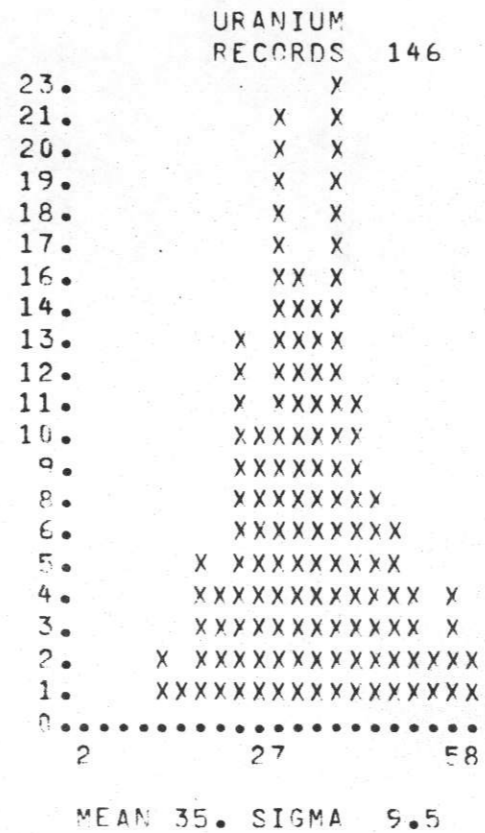
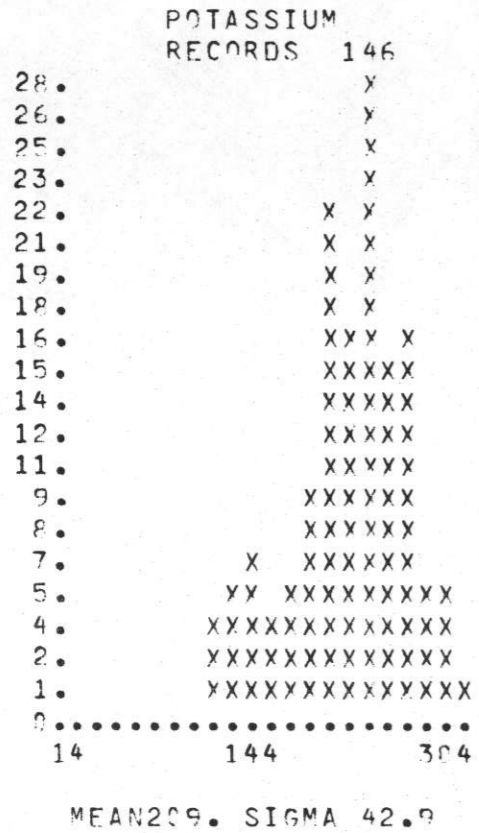
MEAN 8. SIGMA 4.3

T/K RATIO*10
RECORDS 11

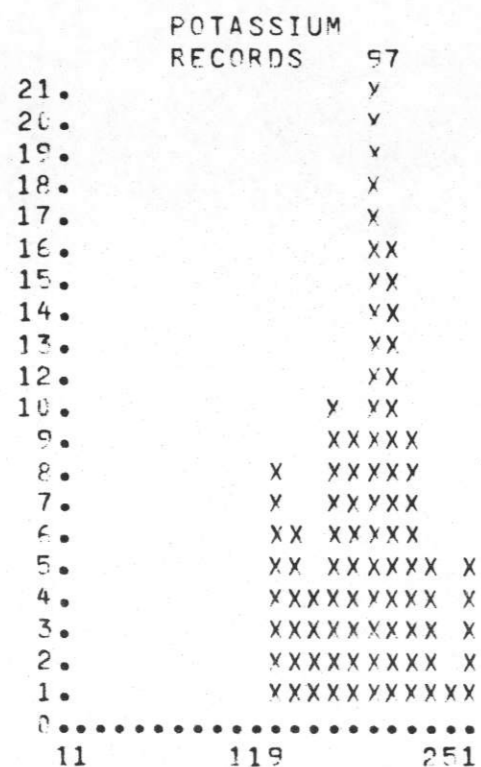


MEAN 2. SIGMA .3

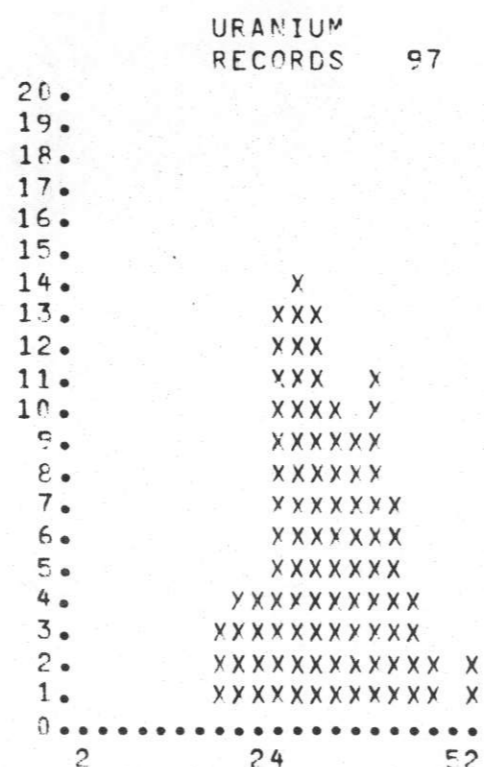
AJO QUADRANGLE NI 12-10
GEOLOGIC UNIT PCG



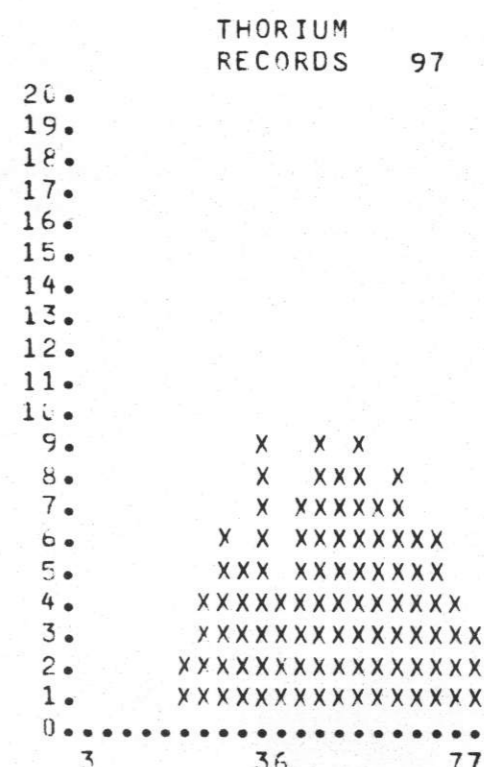
AJO QUADPANGLE NI 12-10
GEOLOGIC UNIT PCSCH



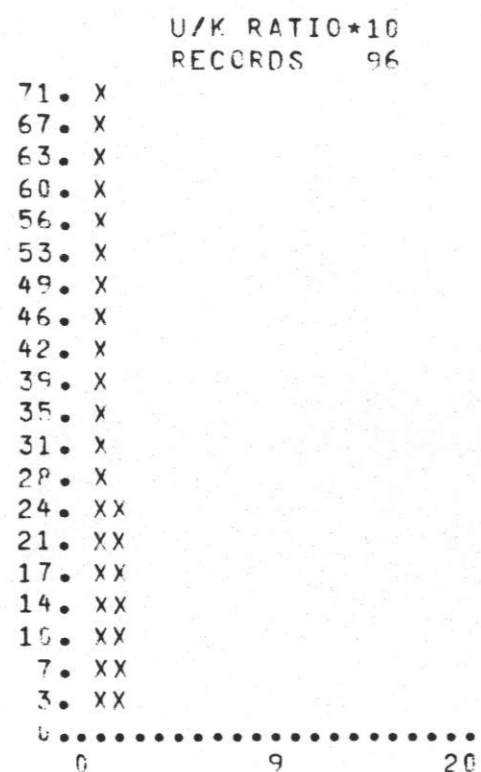
MEAN 183. SIGMA 31.6



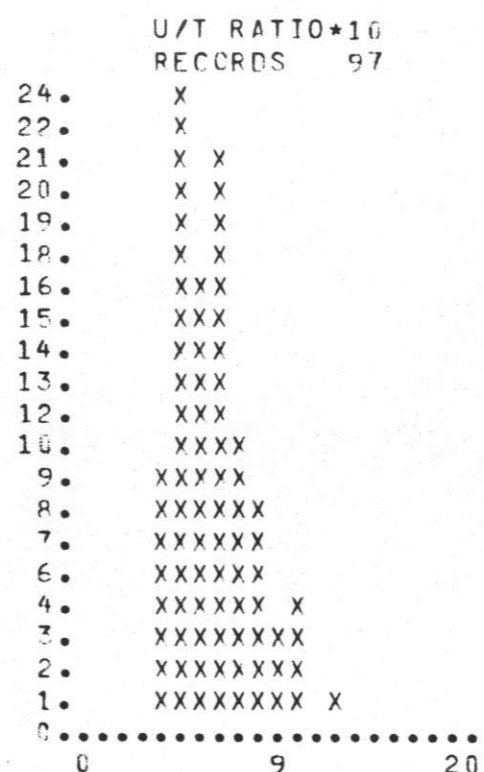
MEAN 34. SIGMA 7.5



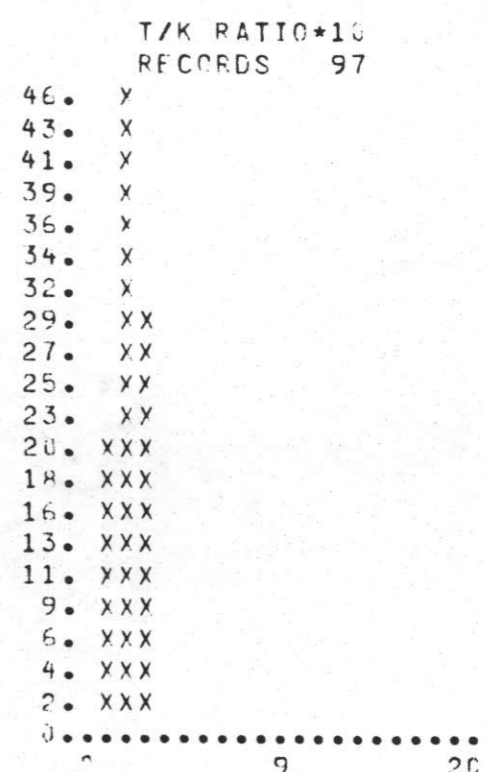
MEAN 49. SIGMA 14.8



MEAN 1. SIGMA .4

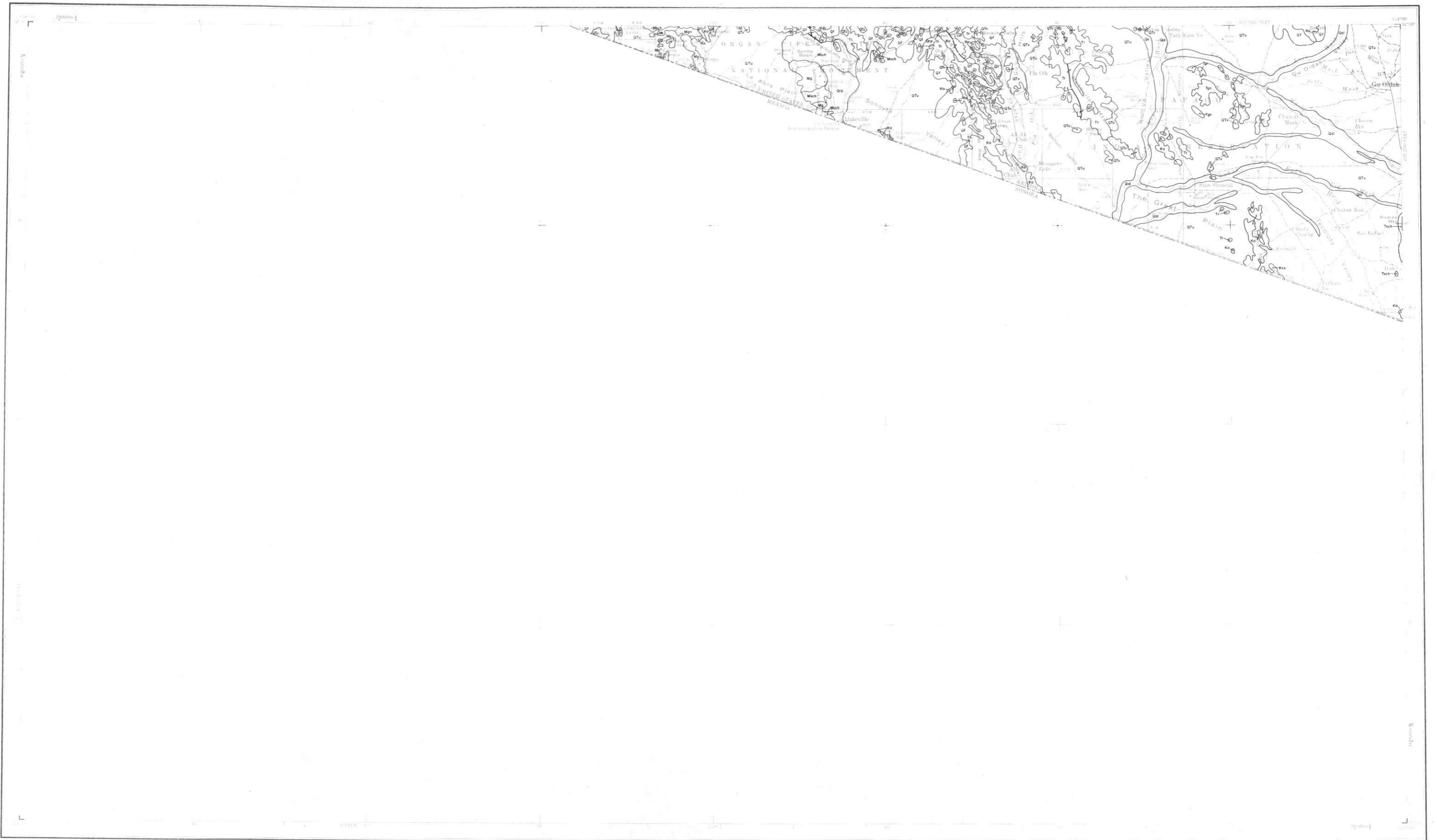


MEAN 7. SIGMA 2.0

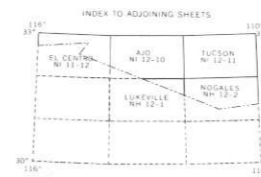
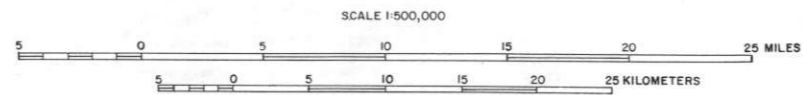


MEAN 2. SIGMA .7

LUKEVILLE NH 12-1 QUADRANGLE



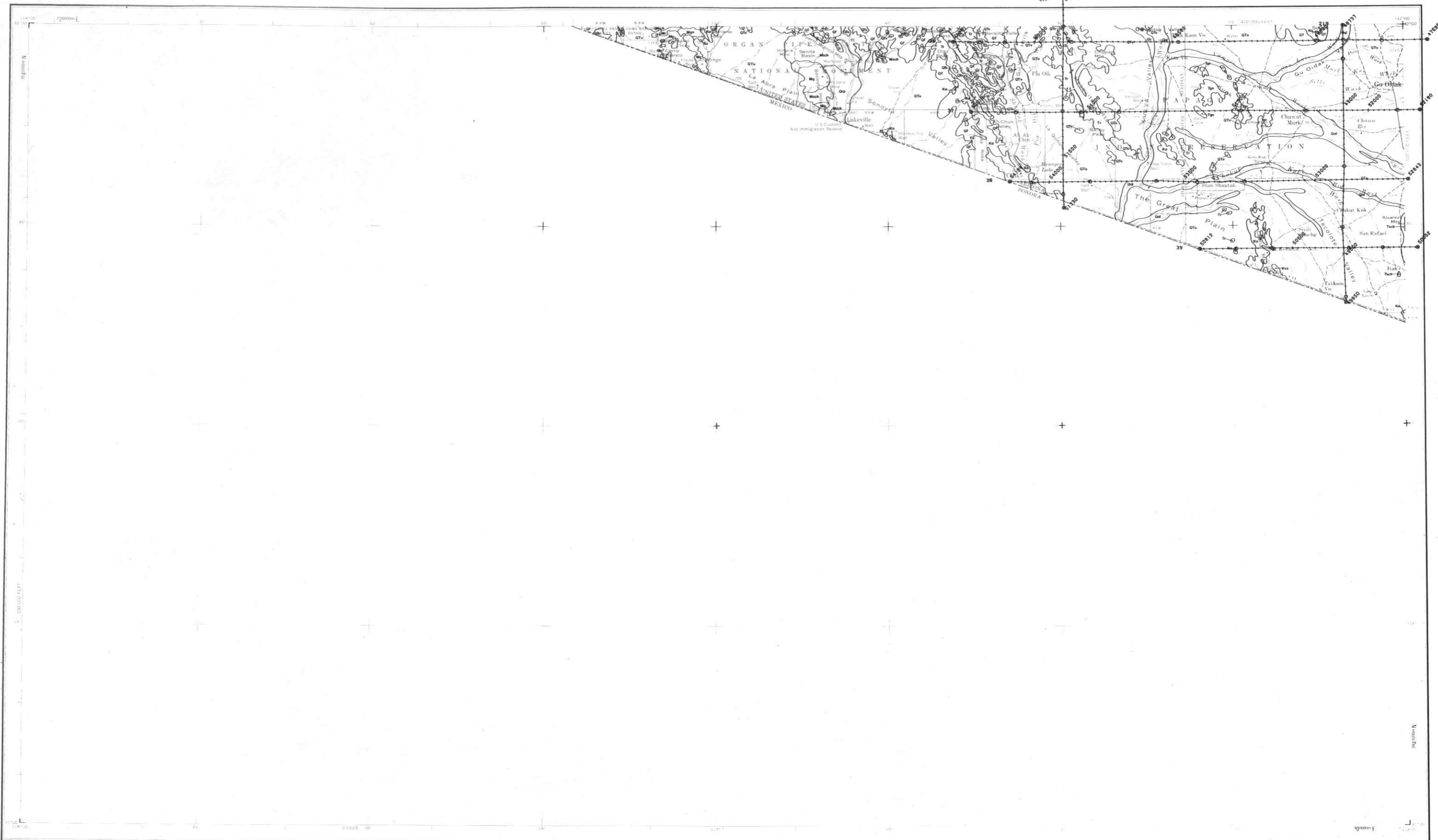
BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
GEOLOGIC BASE MAP
1978-1979
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY

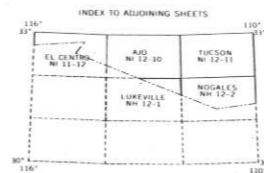
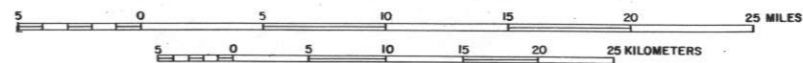
LUKEVILLE

NH 12-1



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

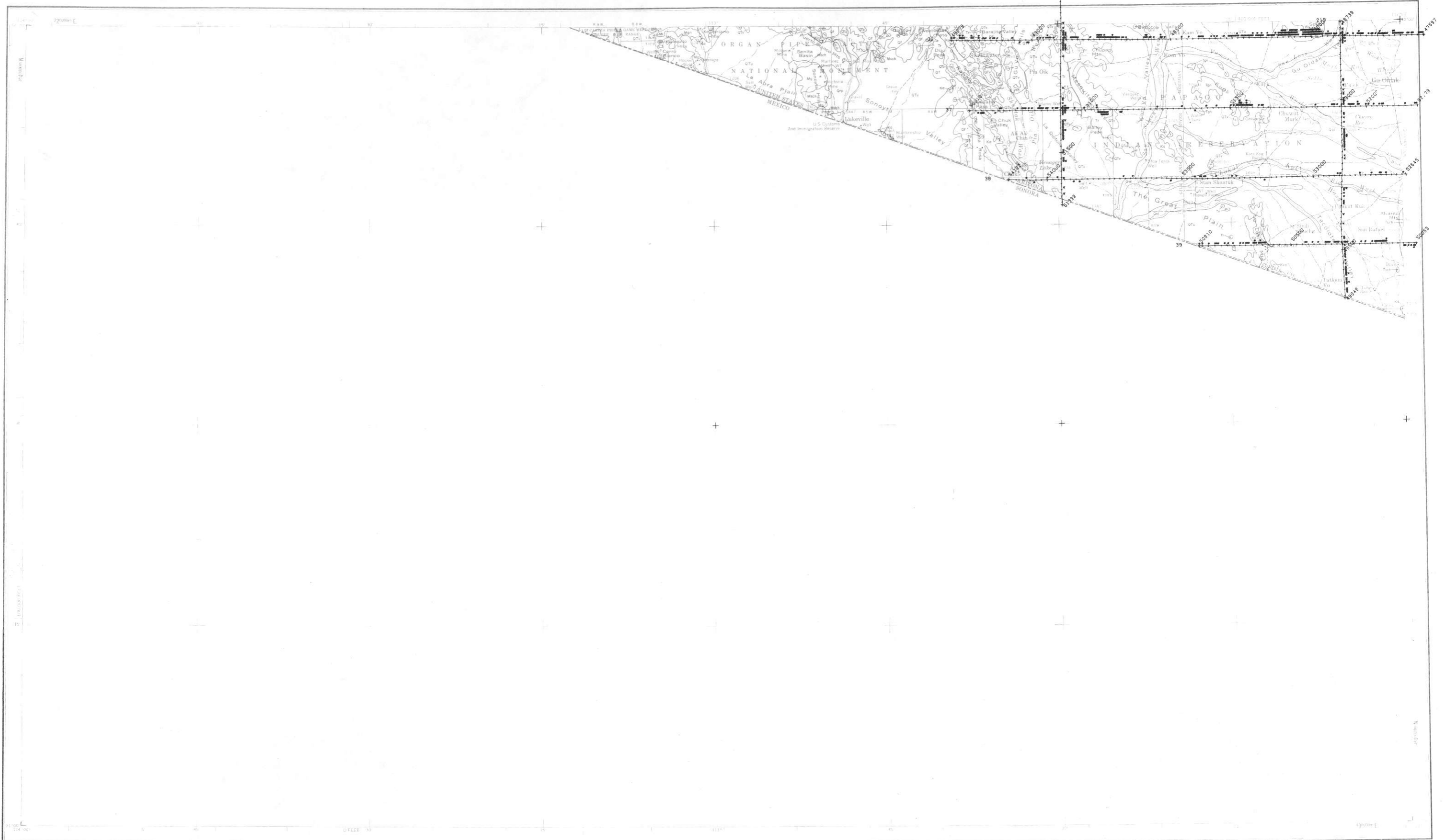
SCALE 1:500,000



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
FLIGHT PATH MAP
1978-1979
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY

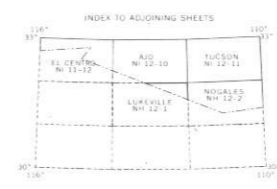
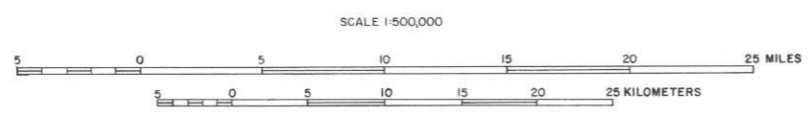
LUKEVILLE

NH 12-1

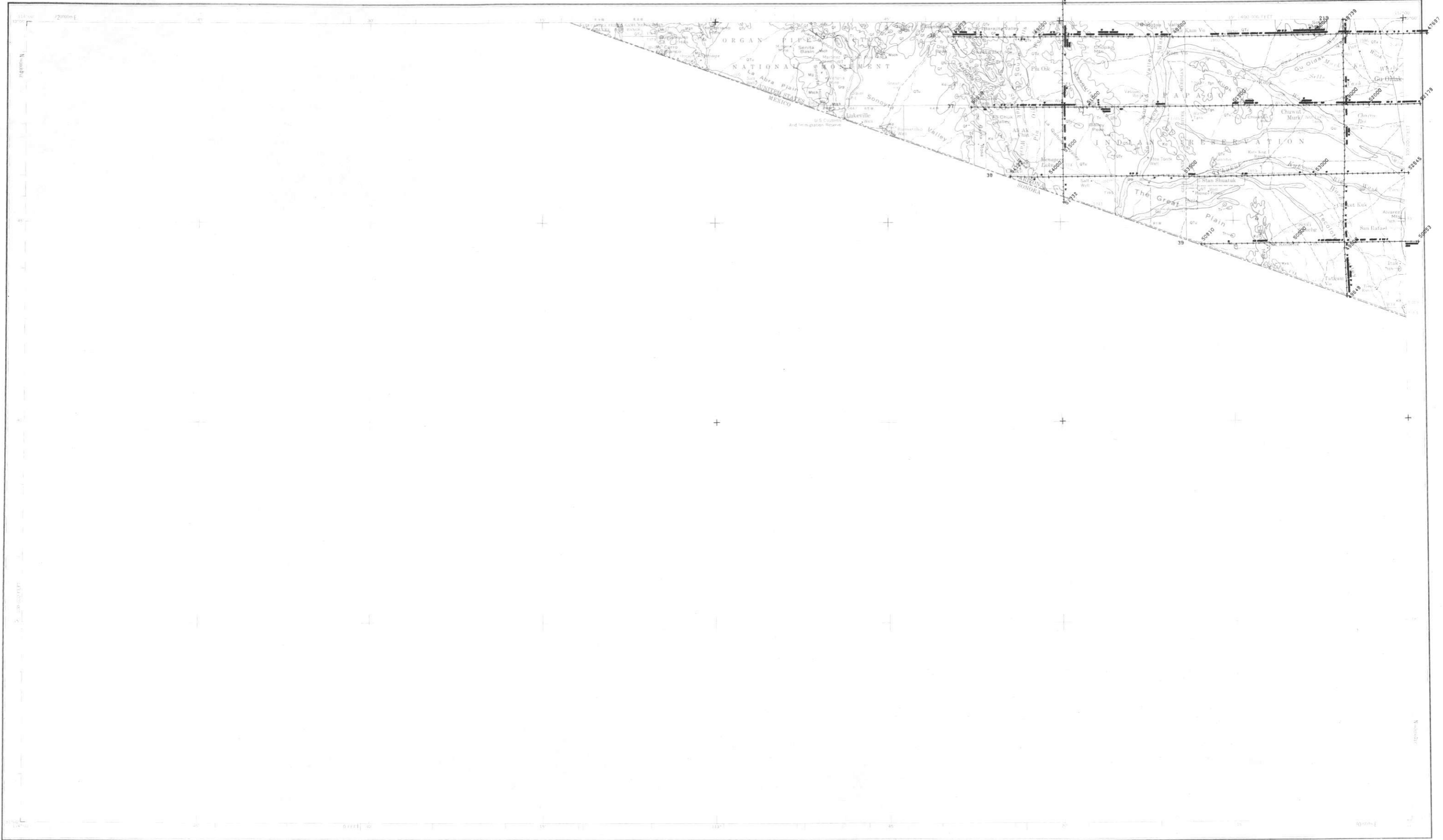


BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

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
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
ANOMALY MAP - URANIUM
 1978-1979
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR
 DEPARTMENT OF ENERGY



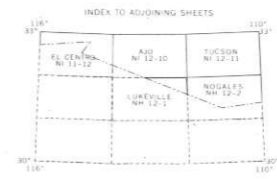
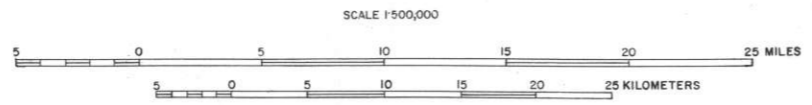
BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

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

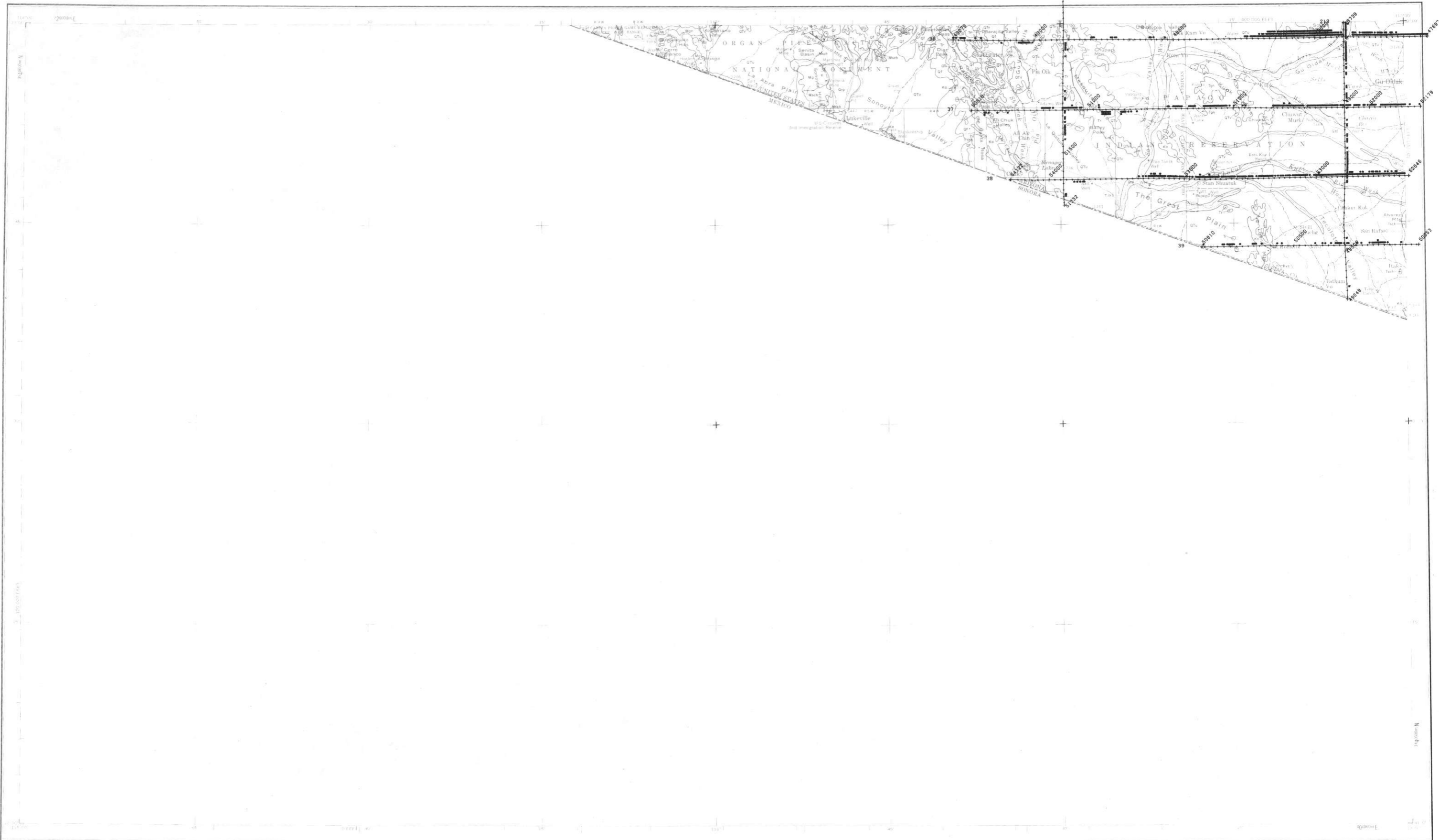
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE

ANOMALY MAP - THORIUM

1978-1979

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

PREPARED FOR
DEPARTMENT OF ENERGY



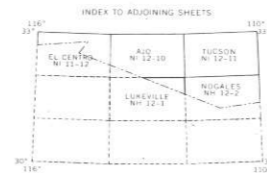
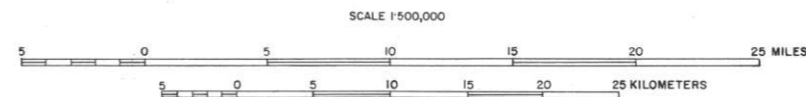
BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

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

COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE

ANOMALY MAP - POTASSIUM

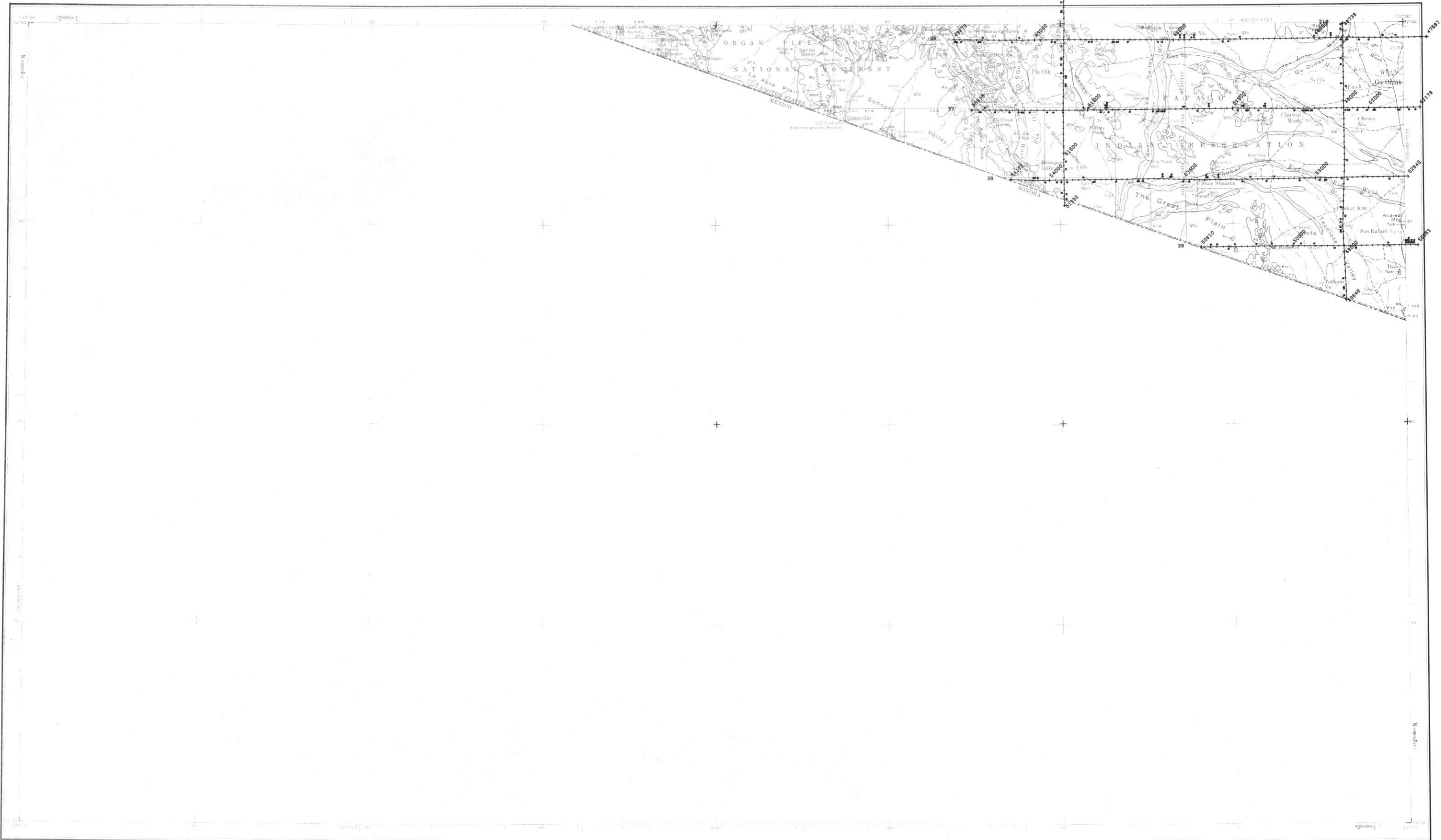
1978-1979

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

PREPARED FOR
DEPARTMENT OF ENERGY

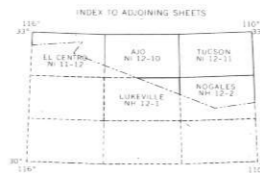
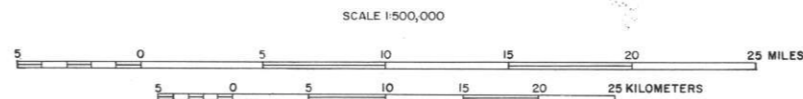
LUKEVILLE

NH 12-1

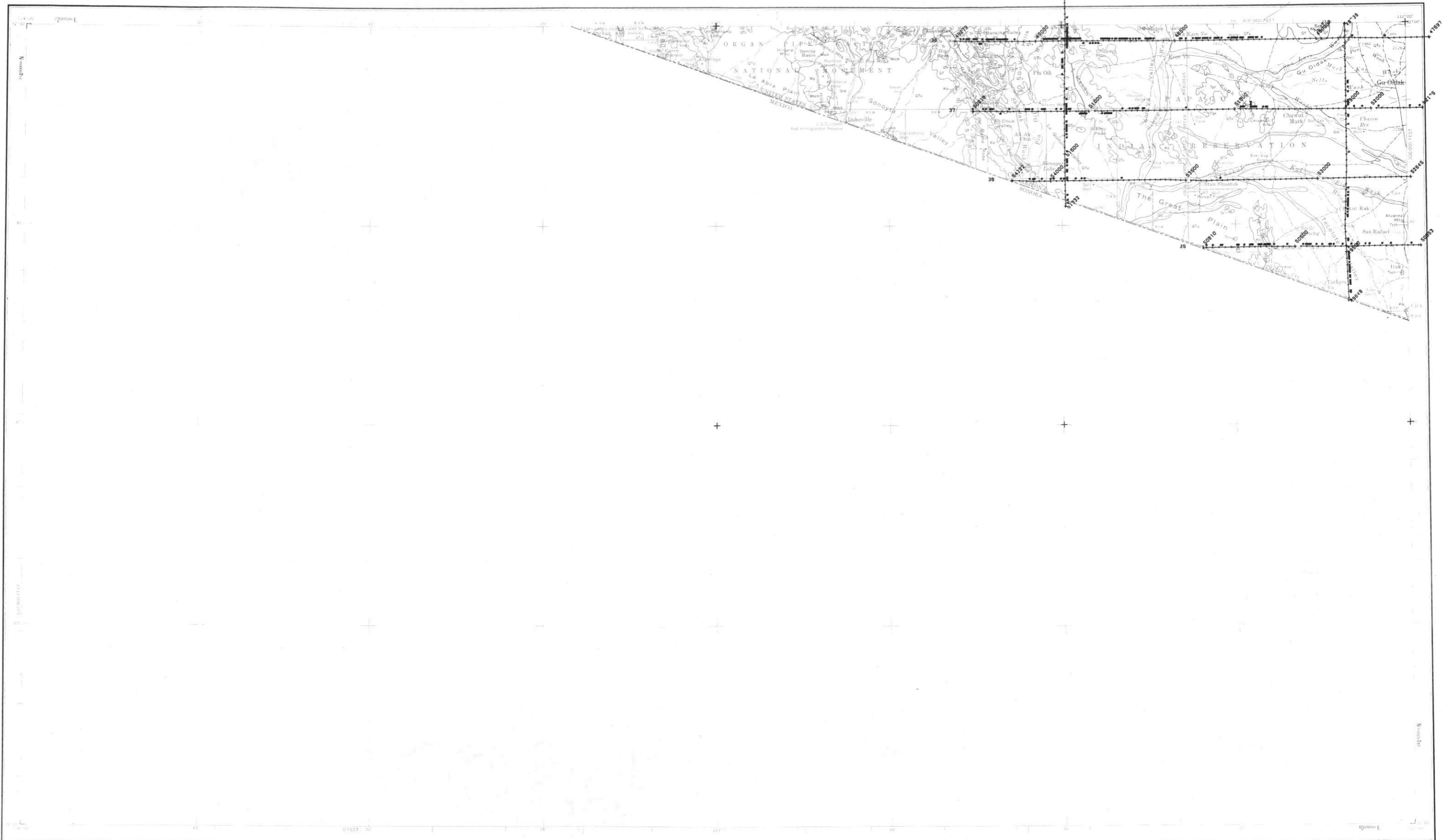


BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

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
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
ANOMALY MAP - URANIUM/ THORIUM
 1978-1979
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR
 DEPARTMENT OF ENERGY



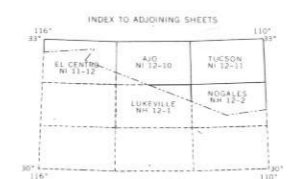
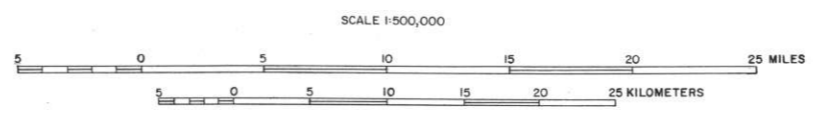
BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

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

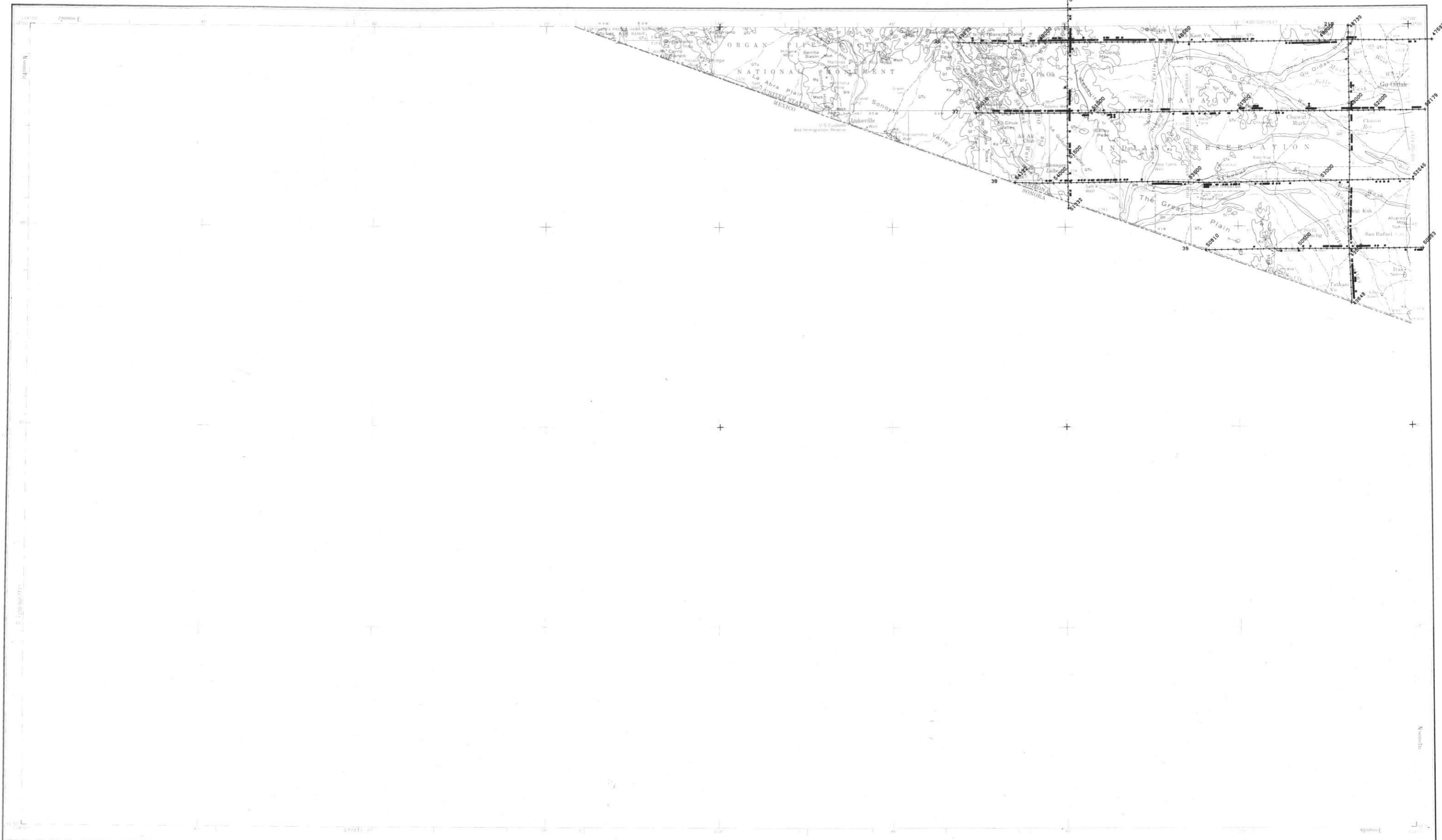
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE

ANOMALY MAP - URANIUM/POTASSIUM

1978-1979

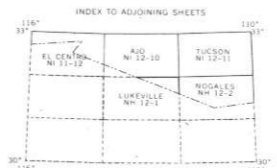
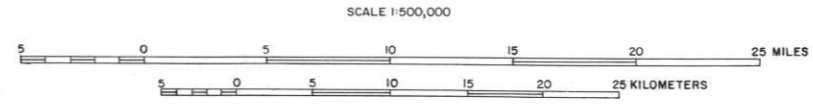
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

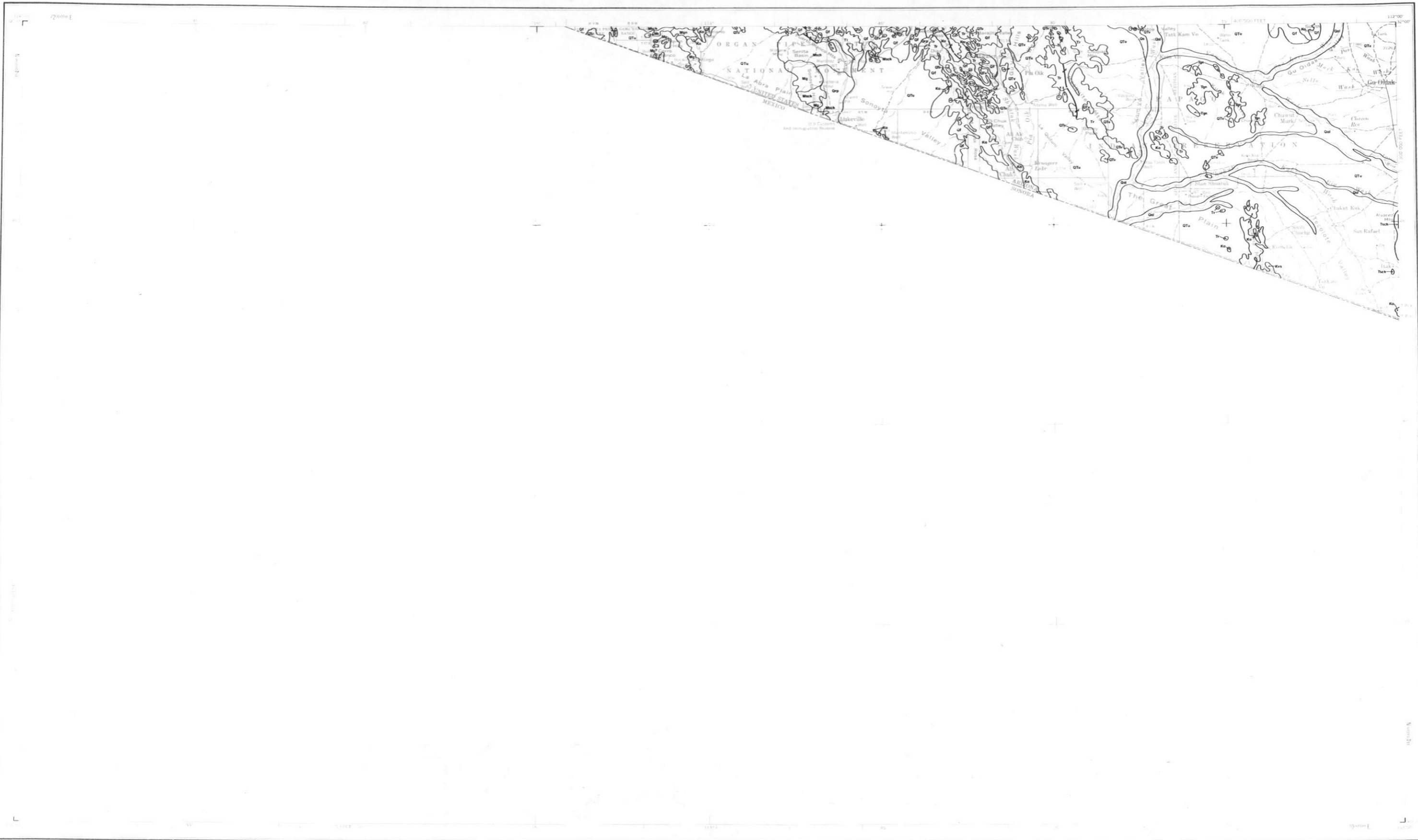


BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

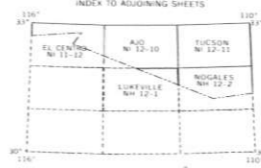
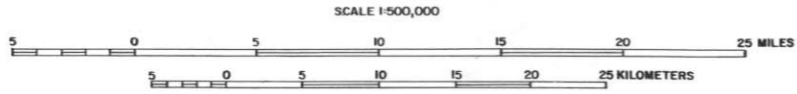
EXPLANATION
 INDIVIDUAL SAMPLES ARE PLOTTED AT 20 SAMPLE INTERVALS AND IDENTIFIED BY RECORD NUMBER AT INTERVALS OF 500 SAMPLES.
 AVERAGED SAMPLES ARE ANNOTATED IF THE DEVIATION OF THE AVERAGED SAMPLE, FROM THE MEAN OF ITS CORRESPONDING ROCK UNIT, IS GREATER THAN ± 1 STANDARD DEVIATION. THE DEVIATION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



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
ANOMALY MAP - THORIUM/POTASSIUM
 1978-1979
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR
 DEPARTMENT OF ENERGY



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



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

COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE

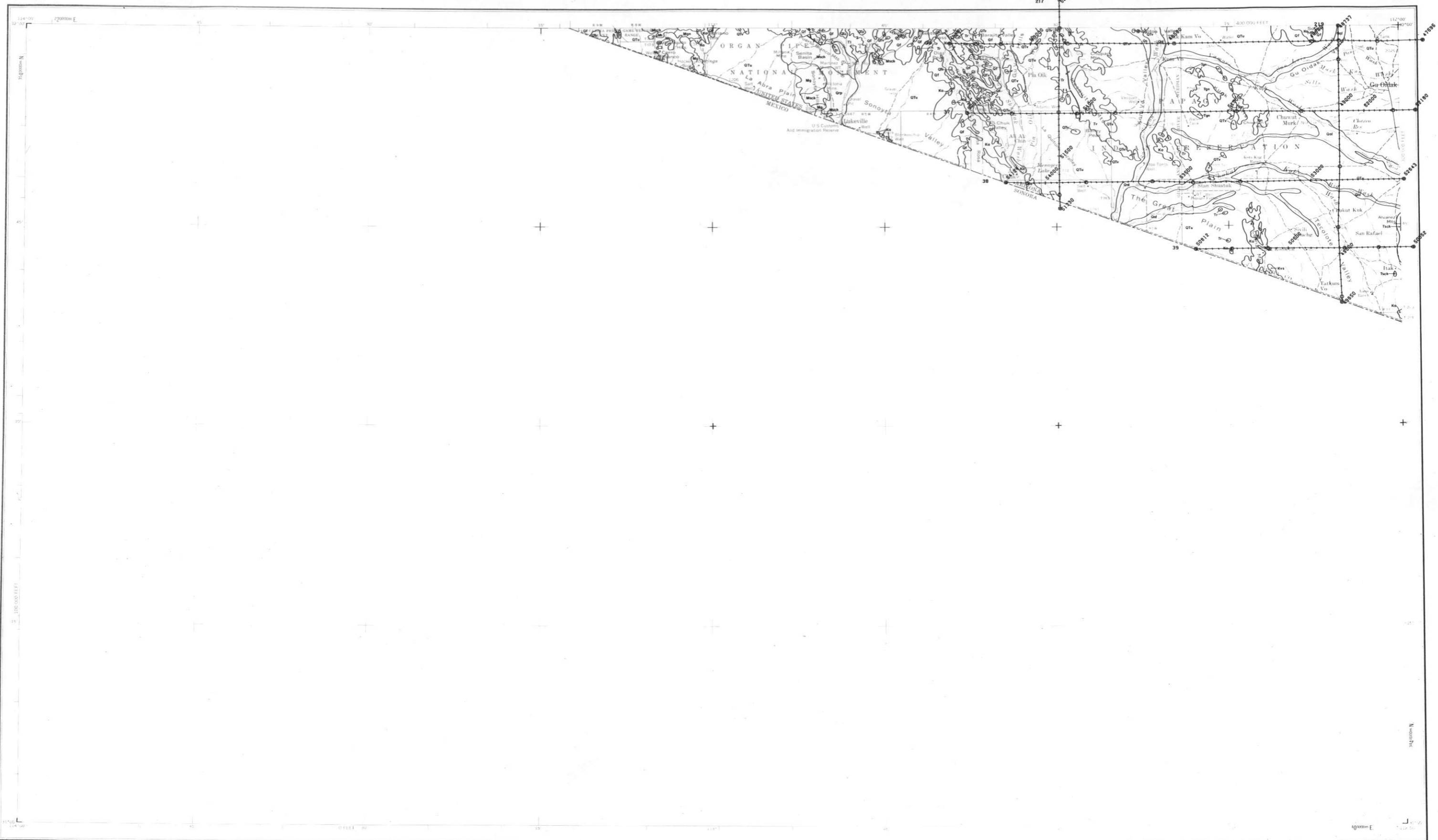
**GEOLOGIC BASE MAP
1978-1979**

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

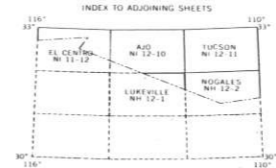
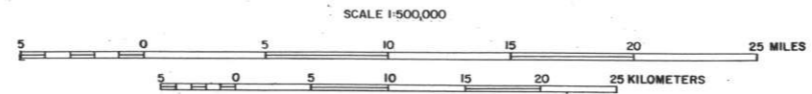
PREPARED FOR
DEPARTMENT OF ENERGY

LUKEVILLE

NH 12-1



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



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

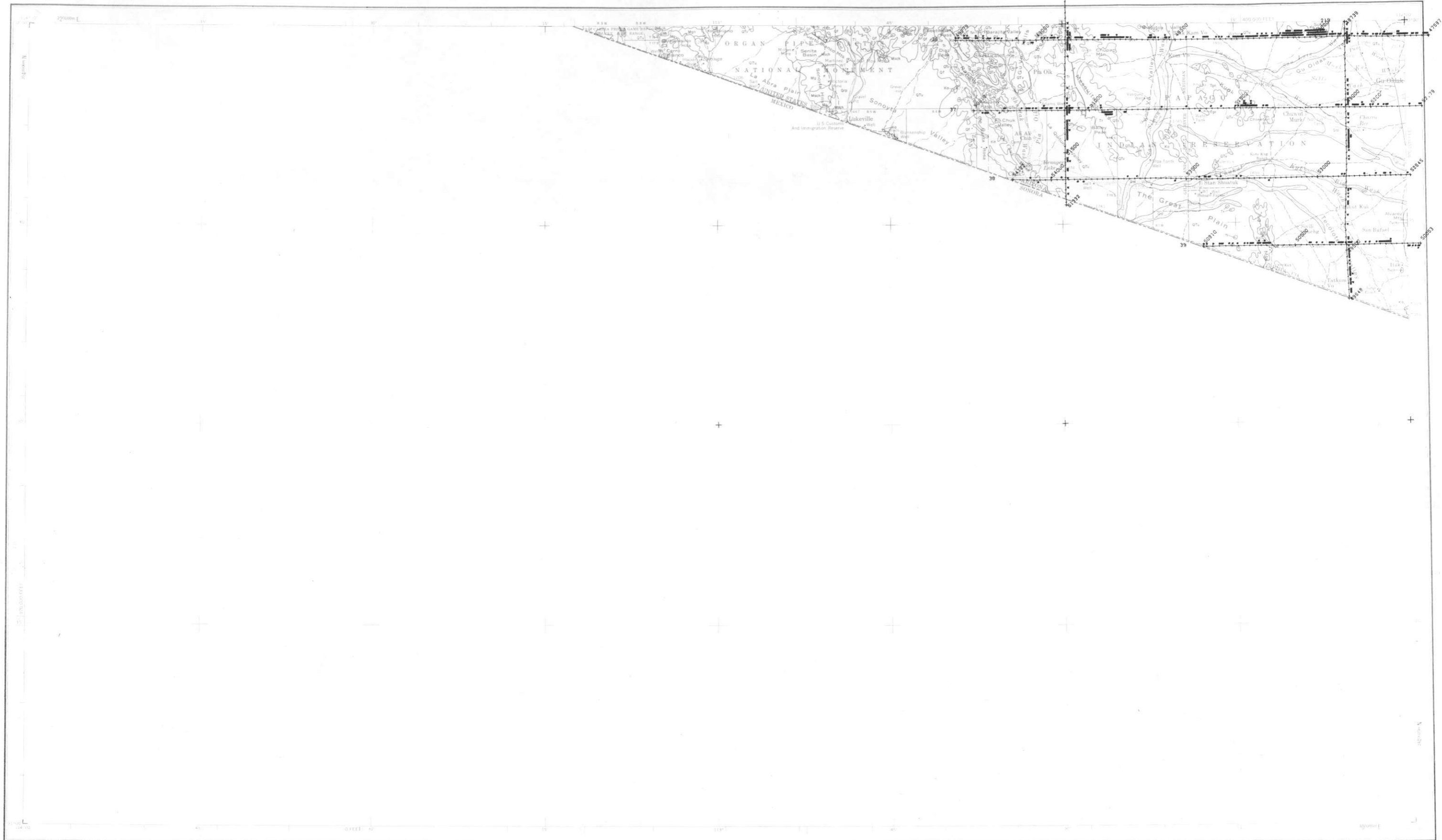
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE

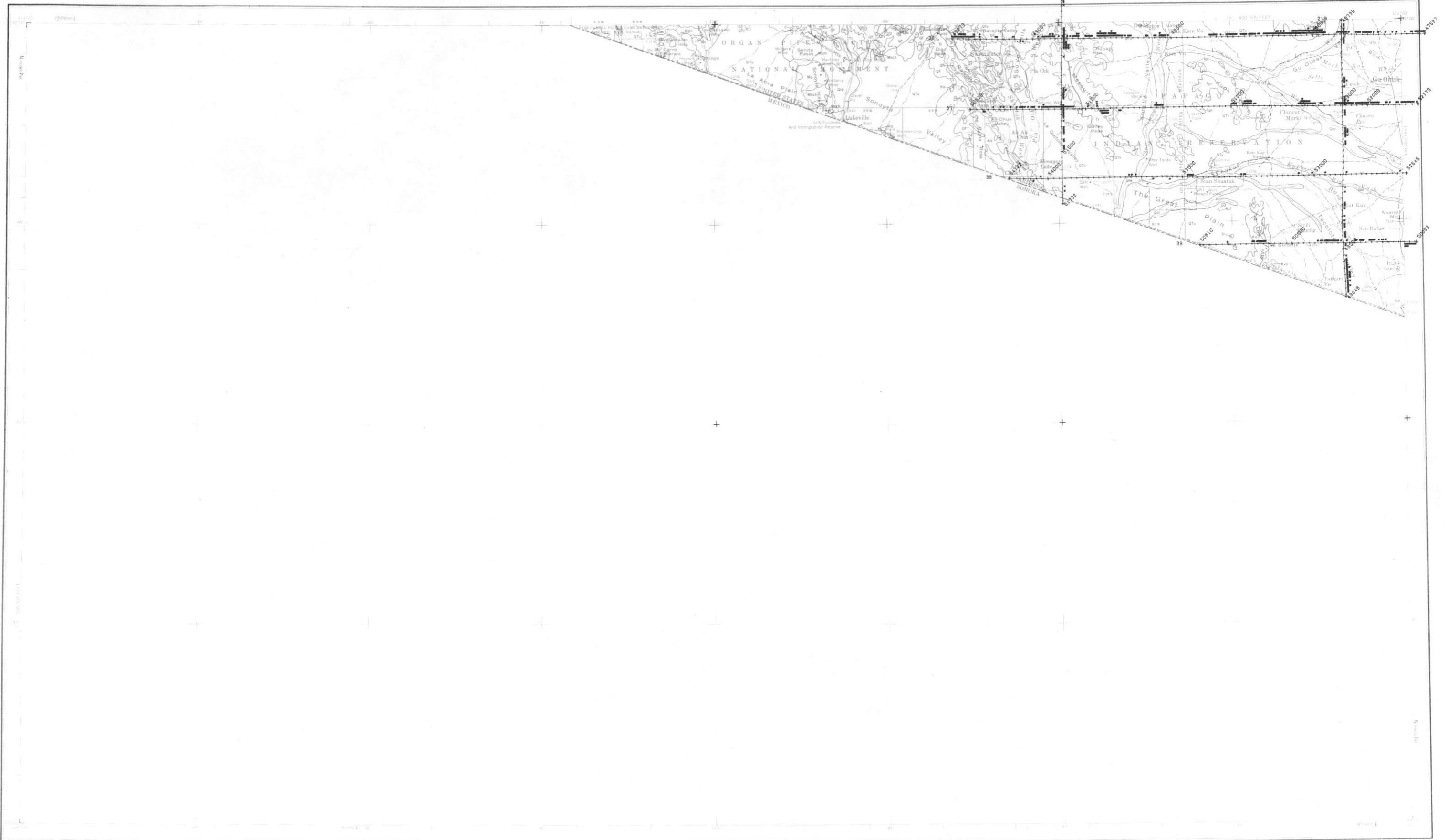
FLIGHT PATH MAP

1978-1979

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

PREPARED FOR
DEPARTMENT OF ENERGY





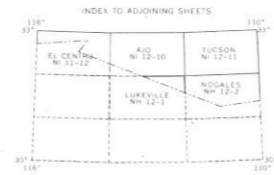
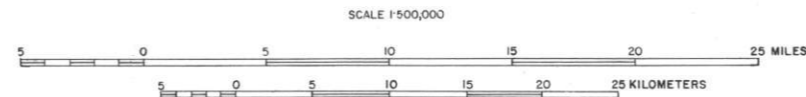
BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

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

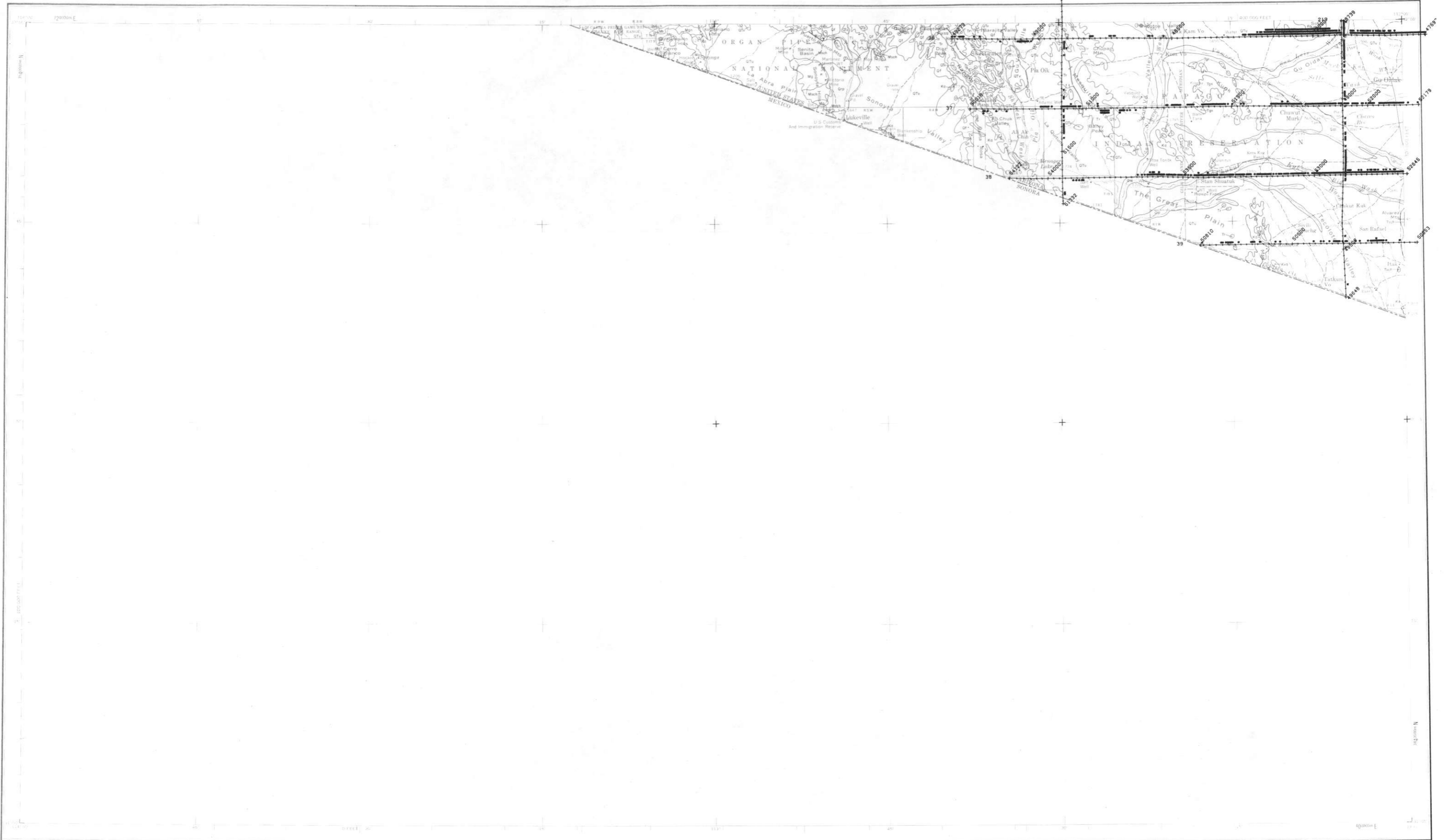
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE

ANOMALY MAP - THORIUM

1978-1979

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

PREPARED FOR
DEPARTMENT OF ENERGY



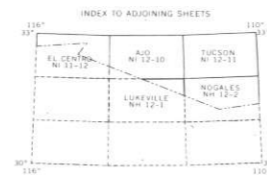
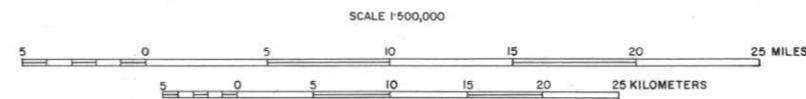
BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

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

COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE

ANOMALY MAP - POTASSIUM

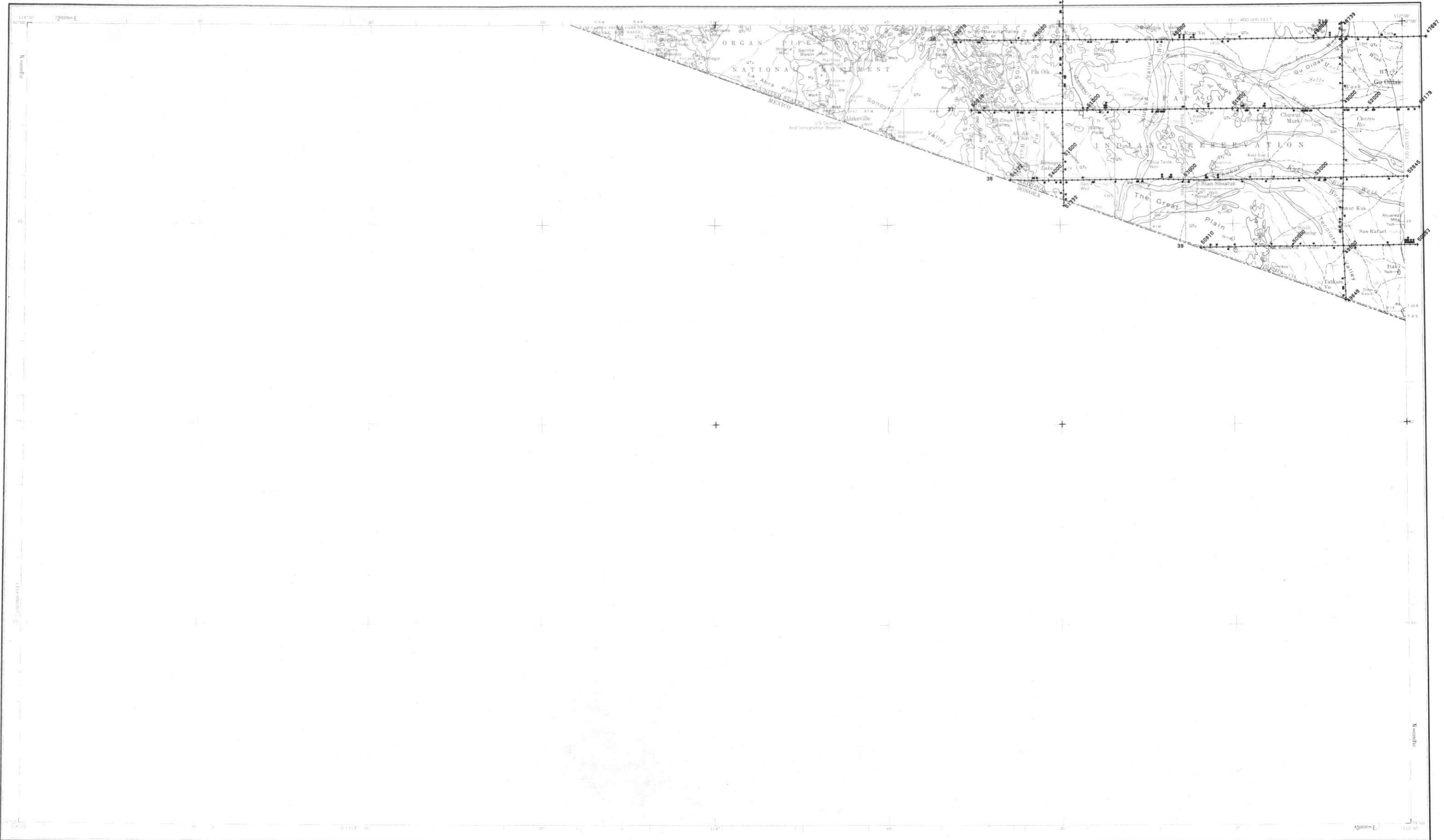
1978-1979

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

PREPARED FOR
DEPARTMENT OF ENERGY

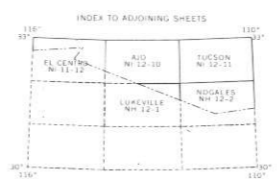
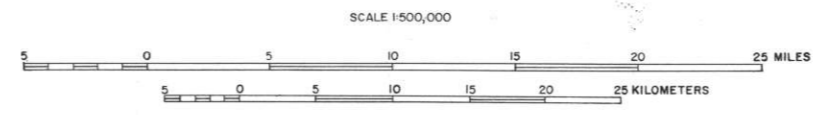
LUKEVILLE

NH 12-1



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

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 THE LINES BY SQUARES. NORTH OR EAST ARE POSITIVE AND SOUTH OR WEST ARE NEGATIVE.



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

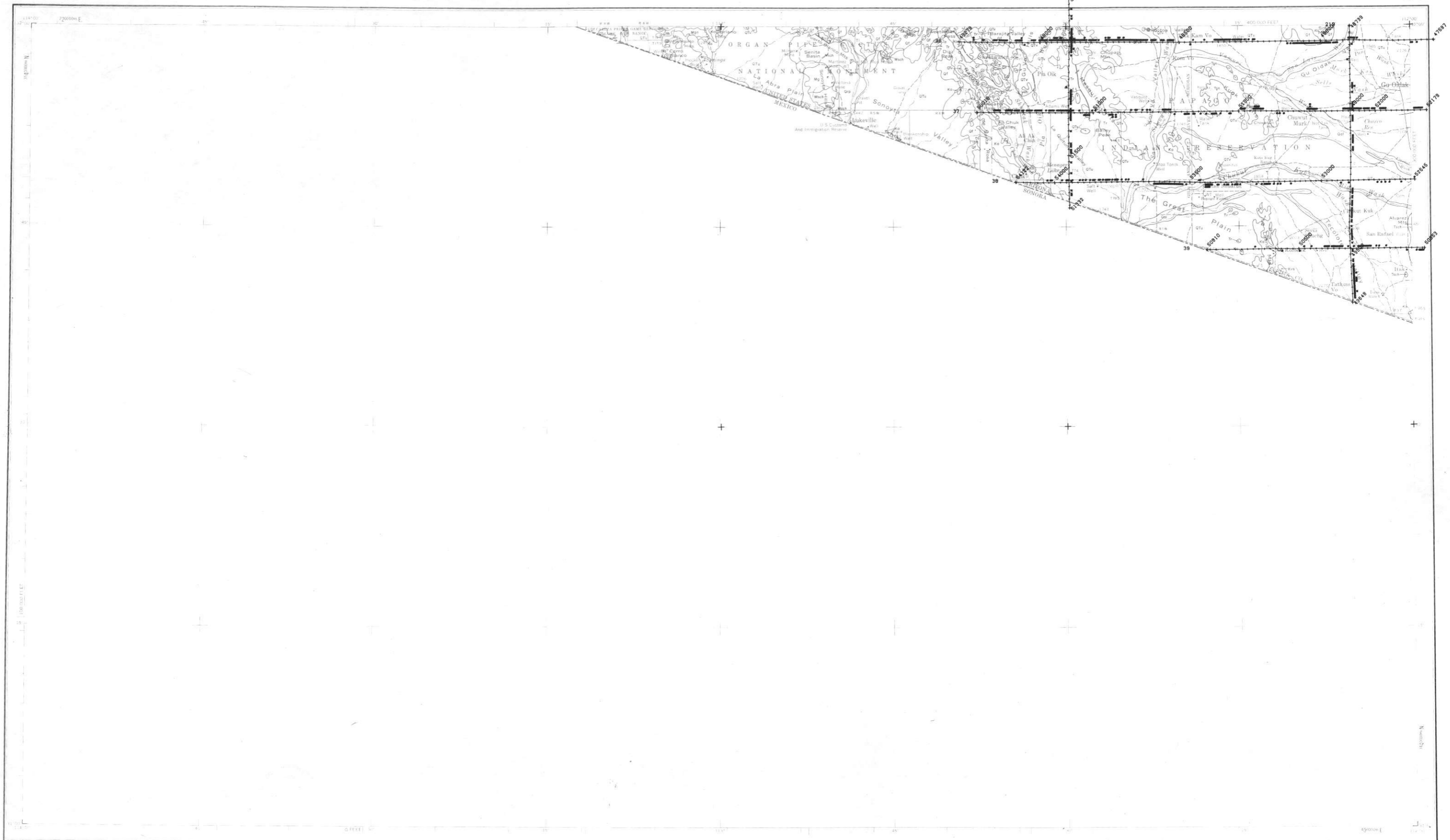
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE

ANOMALY MAP - URANIUM/ THORIUM

1978-1979

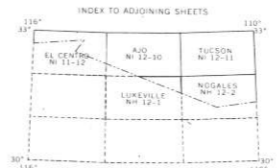
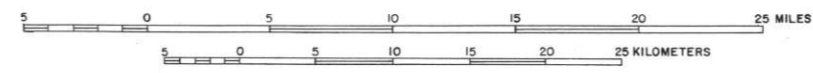
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
 DEPARTMENT OF ENERGY



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

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 THE LINES BY SQUARES. NORTH OR EAST ARE POSITIVE AND SOUTH OR WEST ARE NEGATIVE.

NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

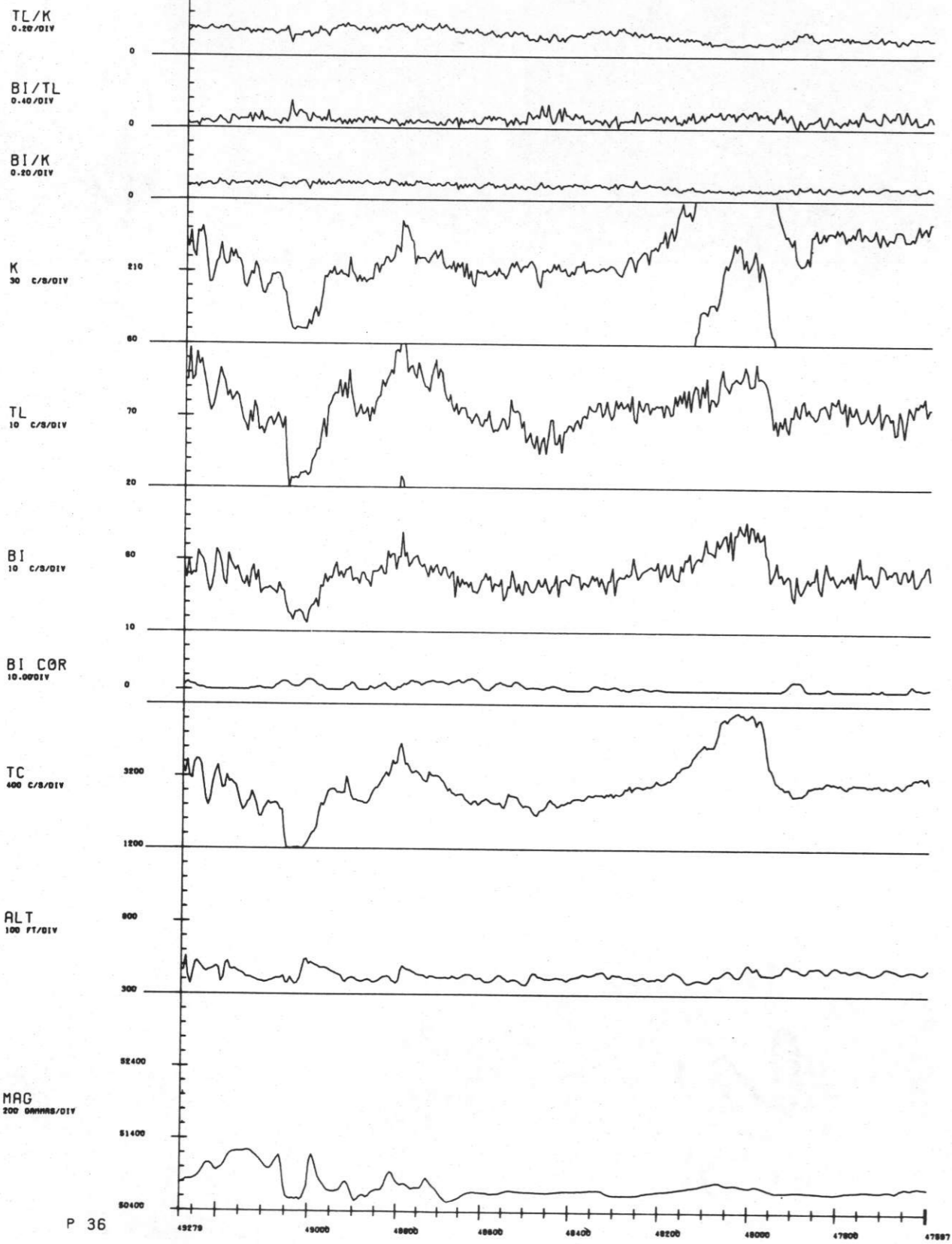
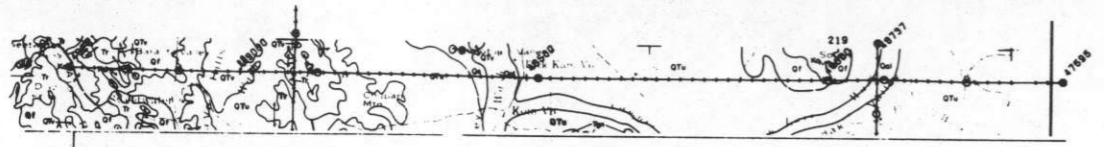
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE

ANOMALY MAP - THORIUM/POTASSIUM

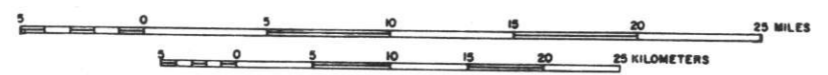
1978-1979

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

PREPARED FOR
DEPARTMENT OF ENERGY

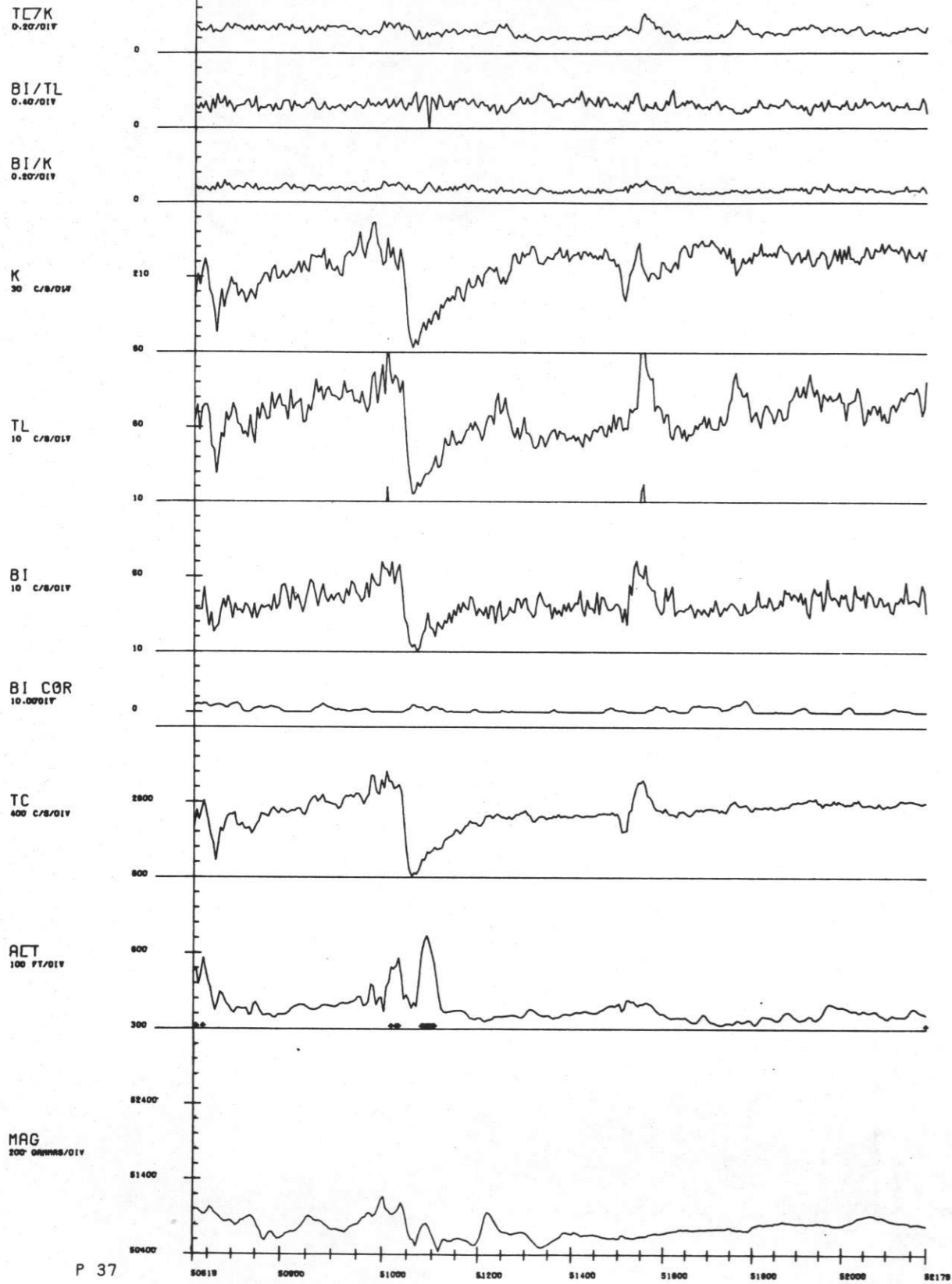
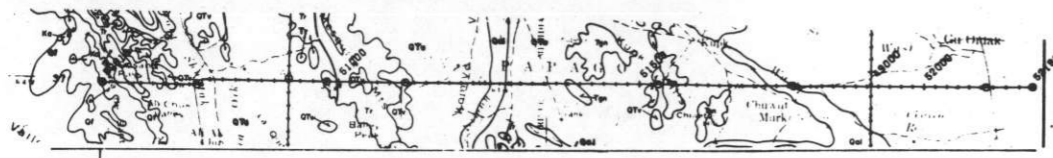


SCALE 1:900,000

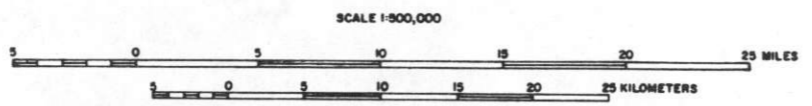


↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST

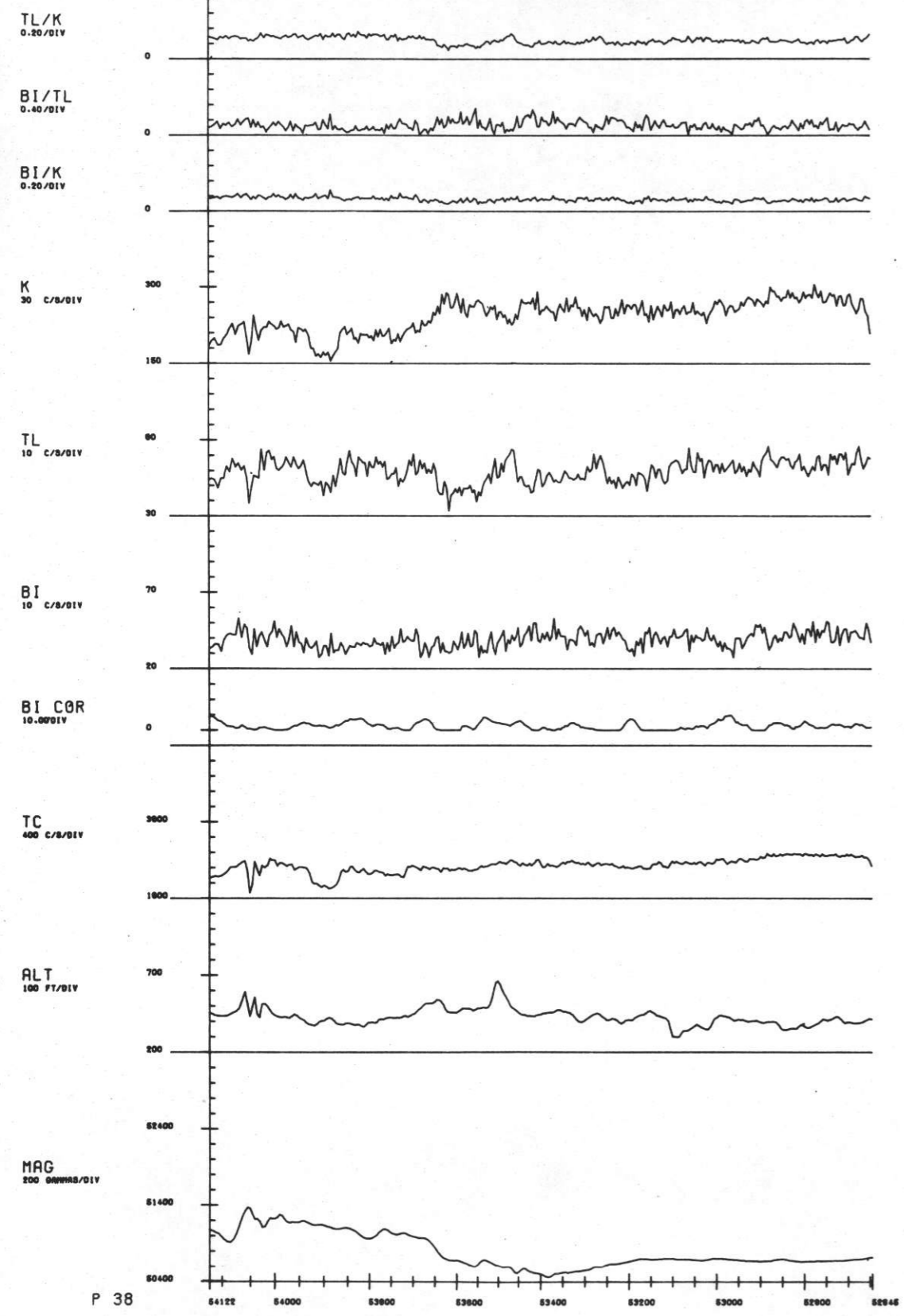
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1978-1979
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



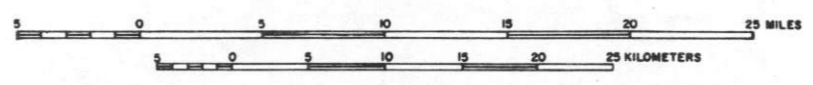
↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1978-1979
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY

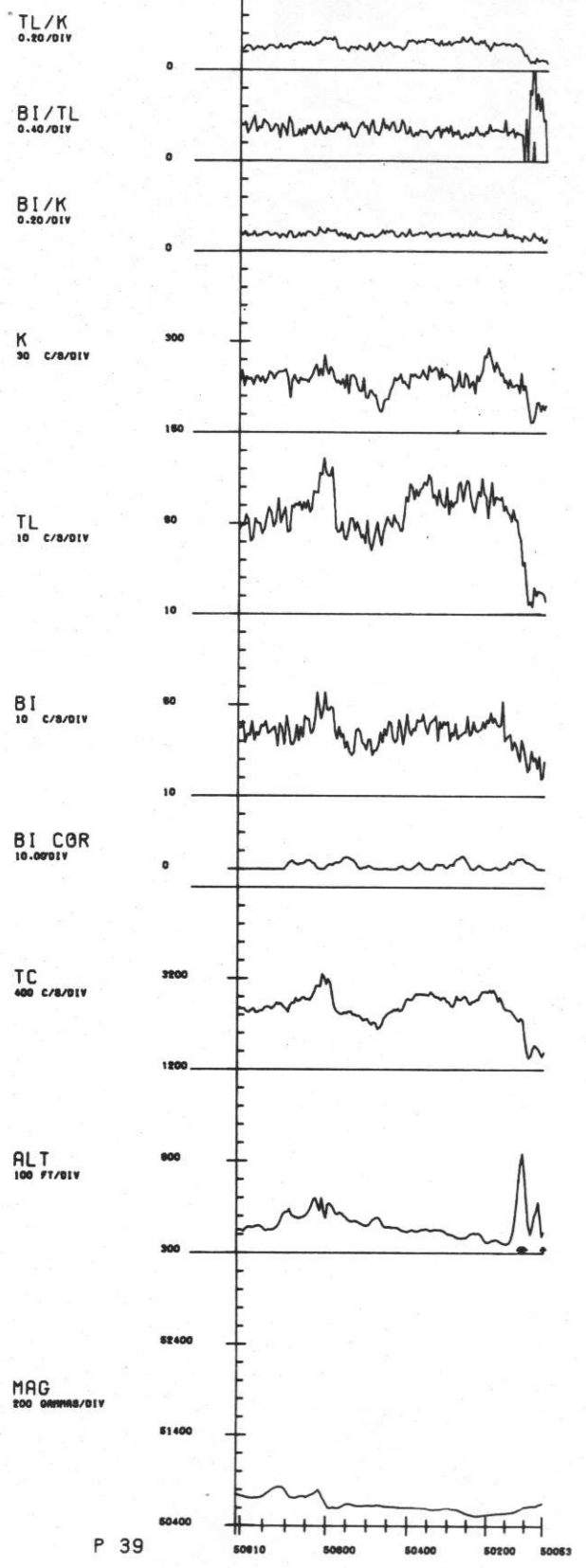
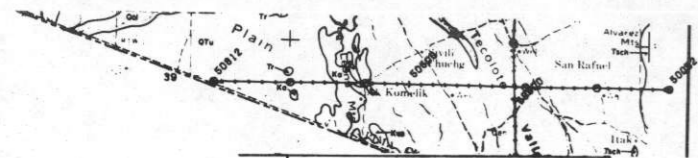


SCALE 1:500,000



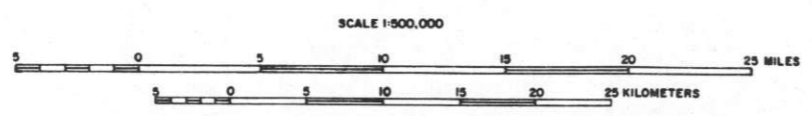
↑ FLAGGED SAMPLE VALUES OF
K, U, T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1978-1979
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY

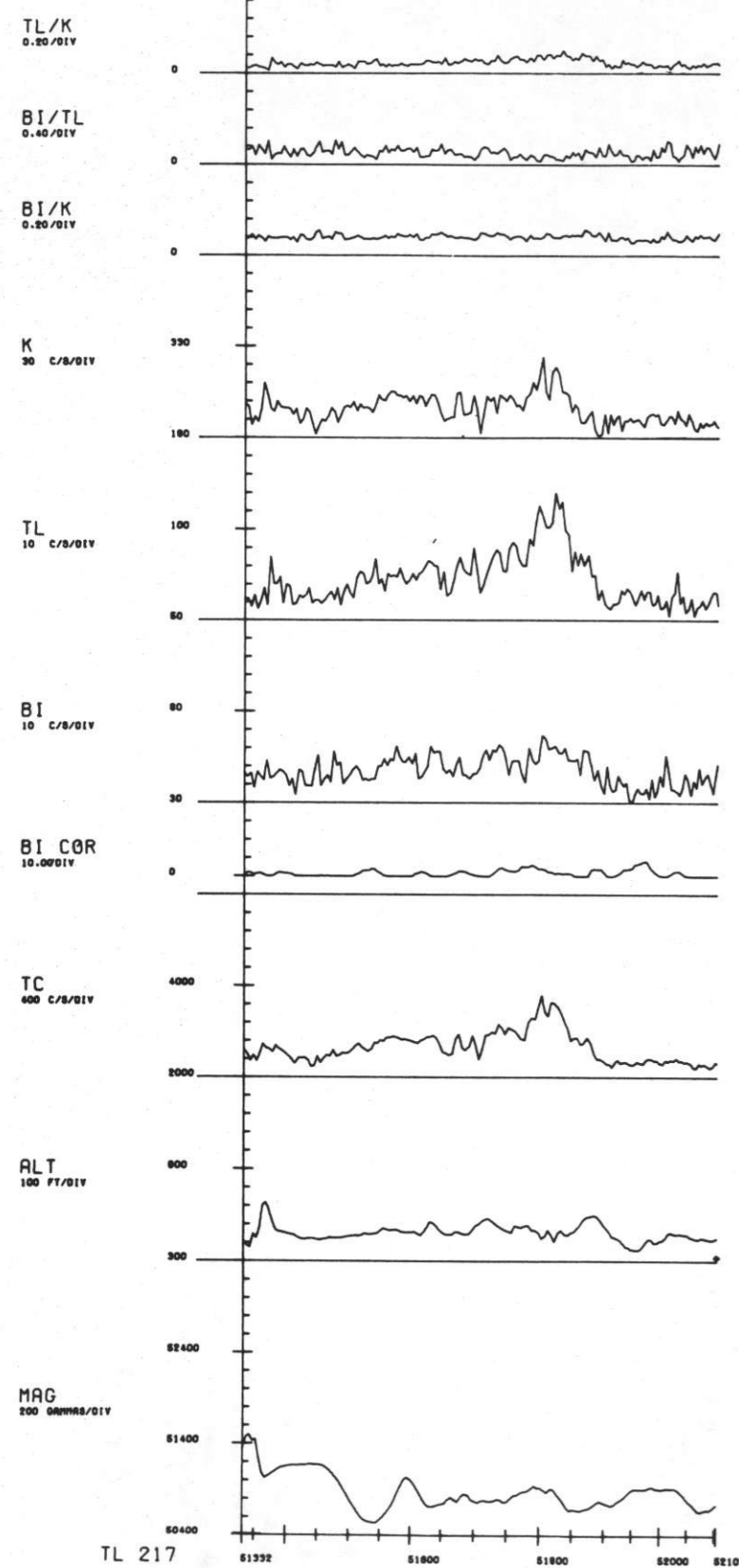


P 39

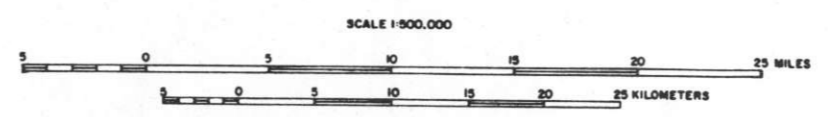
↑ FLAGGED SAMPLE VALUES OF K,U,T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
 COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
 RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
 1978-1979
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR DEPARTMENT OF ENERGY



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



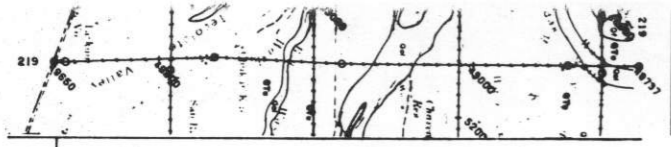
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

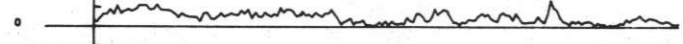
1978-1979

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

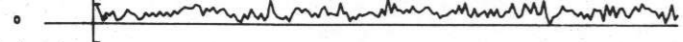
PREPARED FOR
DEPARTMENT OF ENERGY



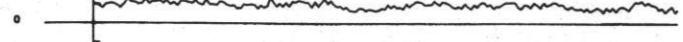
TL/K
0.20/DIV



BI/TL
0.40/DIV



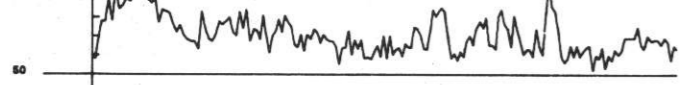
BI/K
0.20/DIV



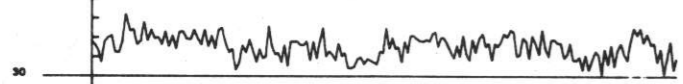
K
30 C/S/DIV



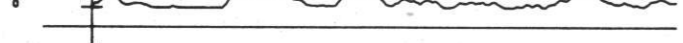
TL
10 C/S/DIV



BI
10 C/S/DIV



BI COR
10.00/DIV



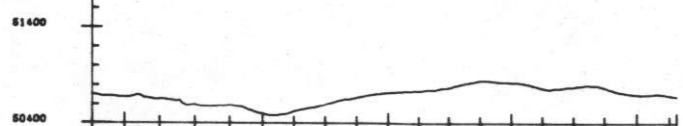
TC
400 C/S/DIV



ALT
100 FT/DIV

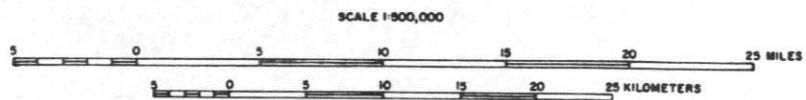


MAG
200 GAUSS/DIV



TL 219 19848 19400 19200 18000 48738

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



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1978-1979
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



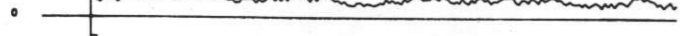
TL/K
0.20/DIV



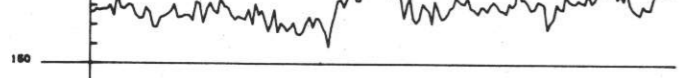
BI/TL
0.40/DIV



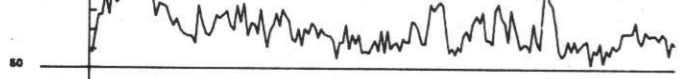
BI/K
0.20/DIV



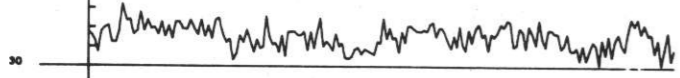
K
30 C/S/DIV



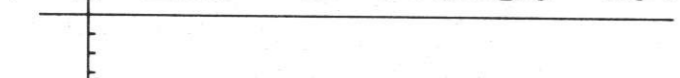
TL
10 C/S/DIV



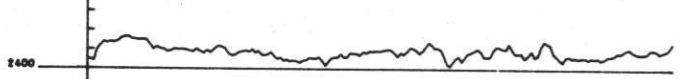
BI
10 C/S/DIV



BI COR
10.00/DIV



TC
400 C/S/DIV



ALT
100 FT/DIV

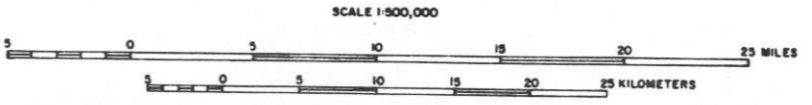


MAG
200 GAUSS/DIV



TL 219 48848 48400 48200 48000 48738

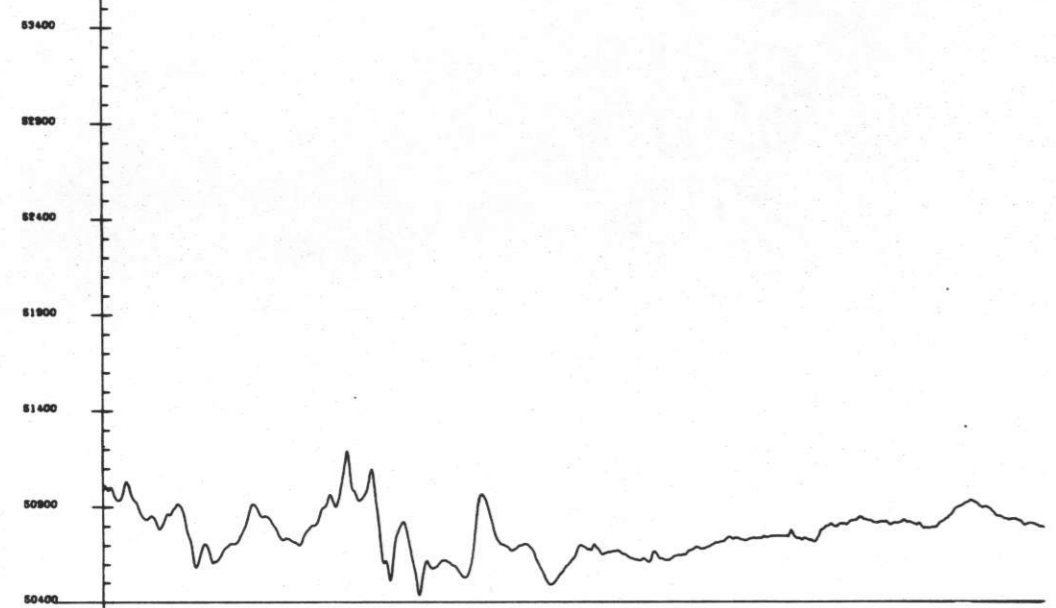
↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1978-1979
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19008
PREPARED FOR
DEPARTMENT OF ENERGY



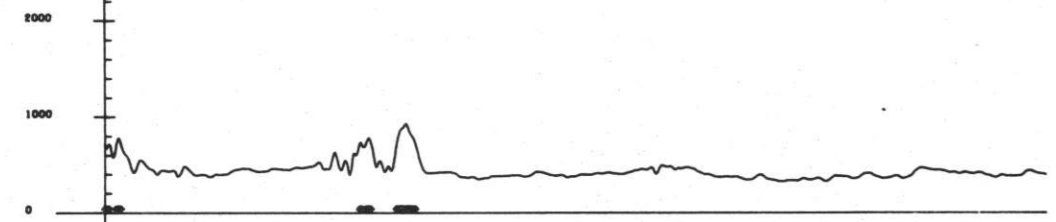
MAG
100 GAUSS/DIV



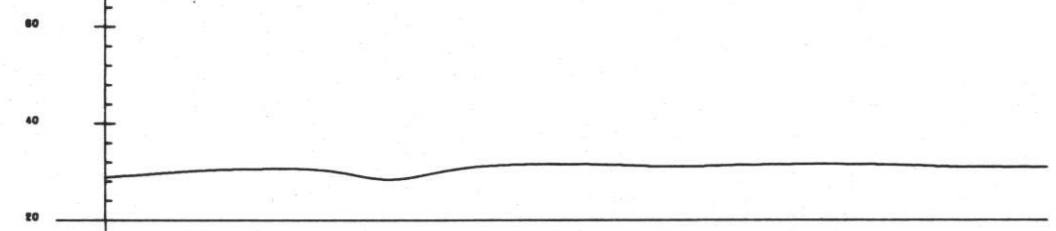
DIURNAL
20 GAUSS/DIV



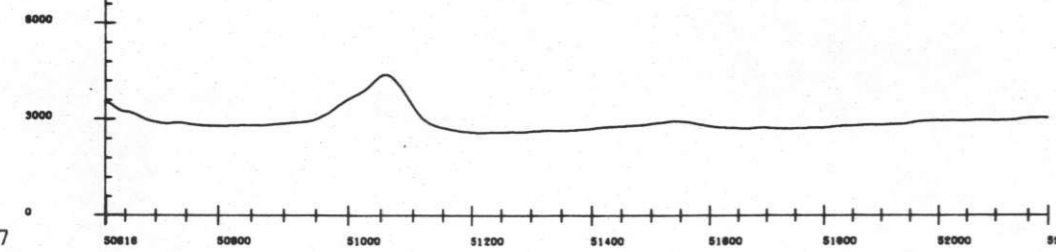
ALT
500 FT/DIV



TEMP
4.00 DEGREES/DIV



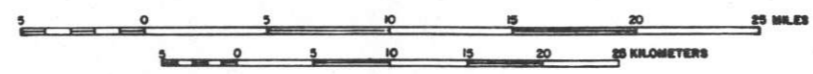
BAR ALT
500 FT/DIV



P 37

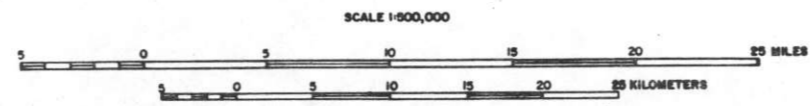
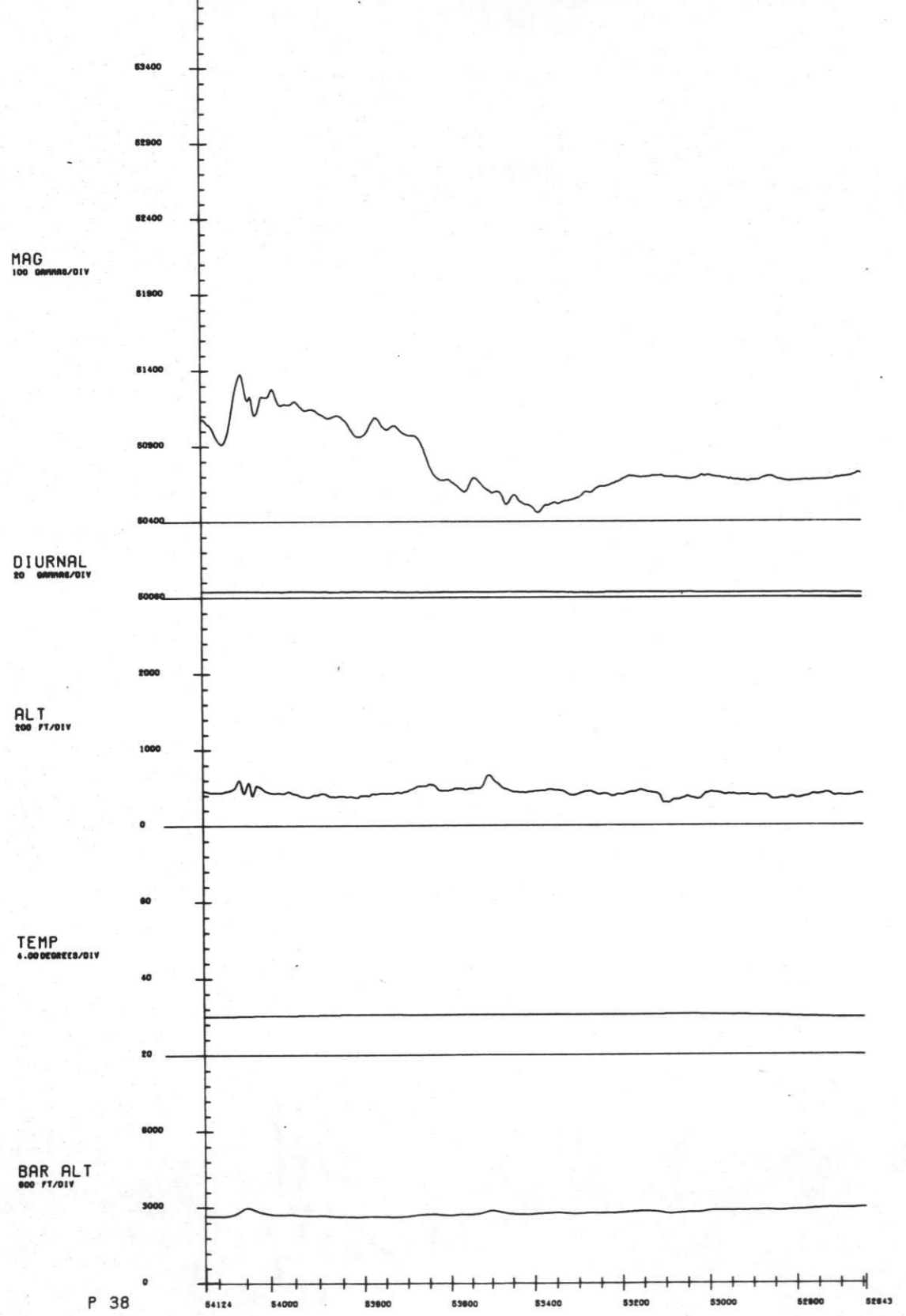
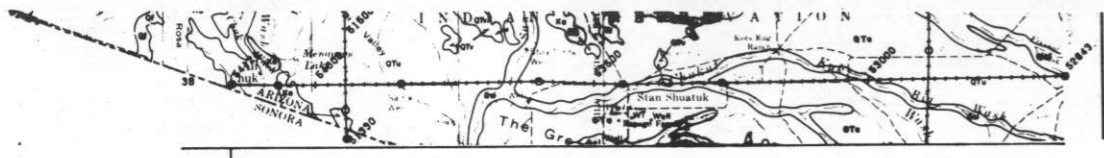
50618 50800 51000 51200 51400 51600 51800 52000 52180

SCALE 1:500,000



↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1977-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



↑ EXCEEDS ALTITUDE SPECIFICATIONS

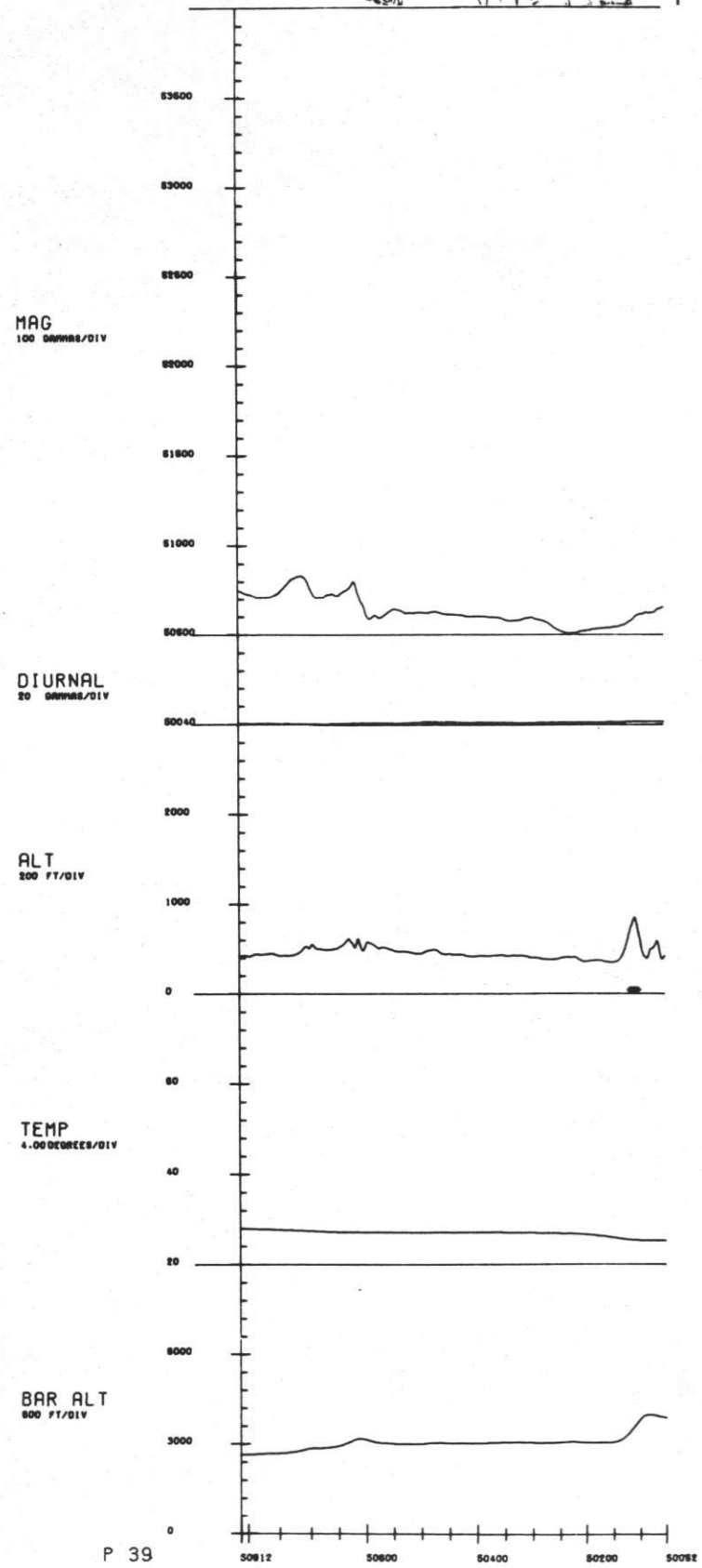
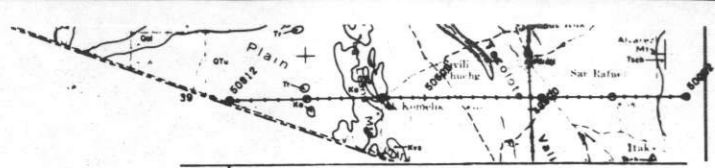
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA

1977-1978

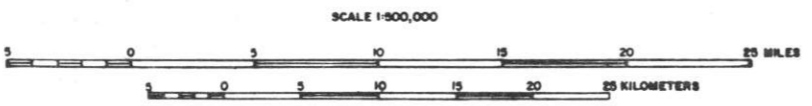
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY



P 39

↑ EXCEEDS ALTITUDE SPECIFICATIONS

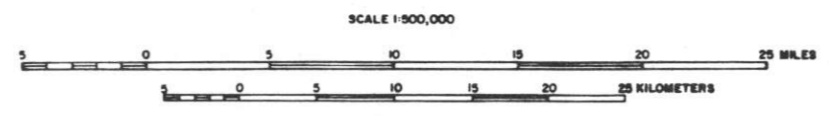
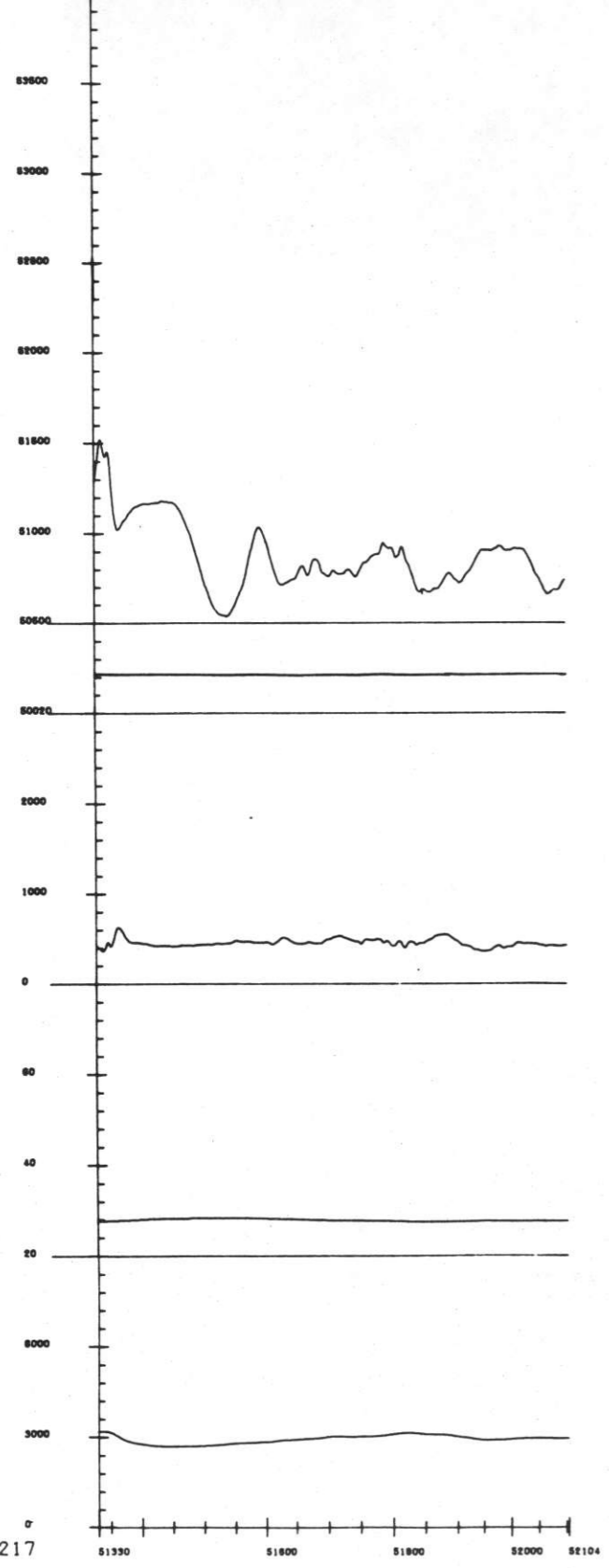


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1977-1978

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

PREPARED FOR
DEPARTMENT OF ENERGY



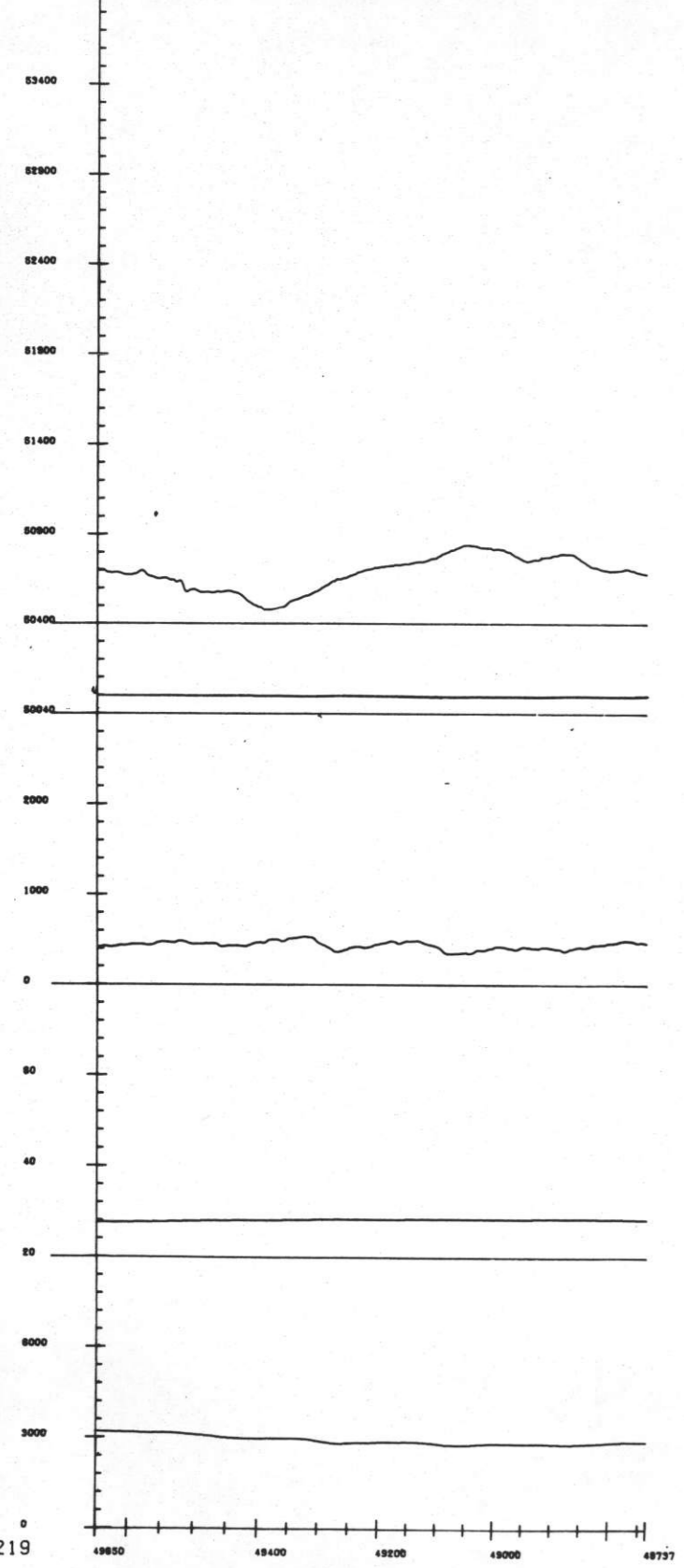
↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1977-1978

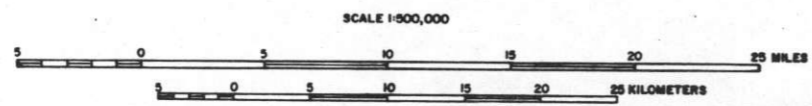
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY



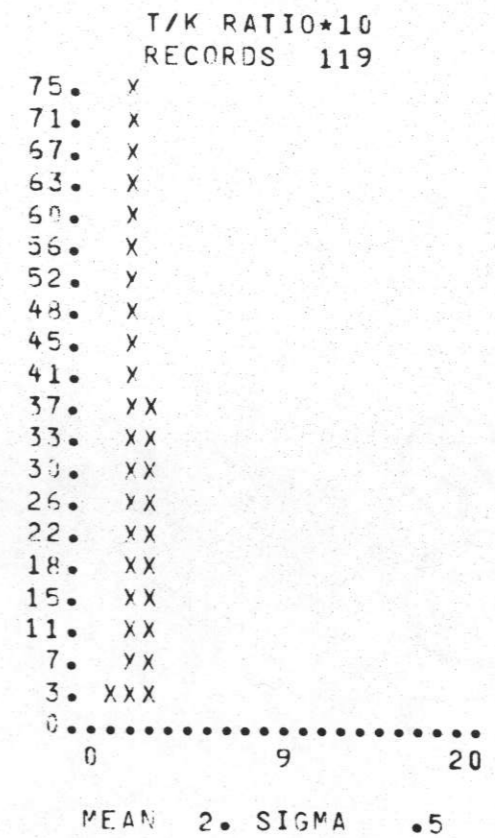
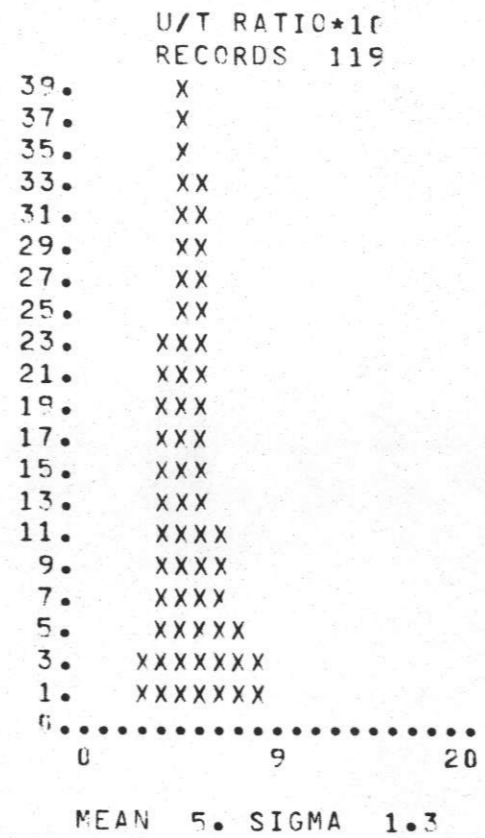
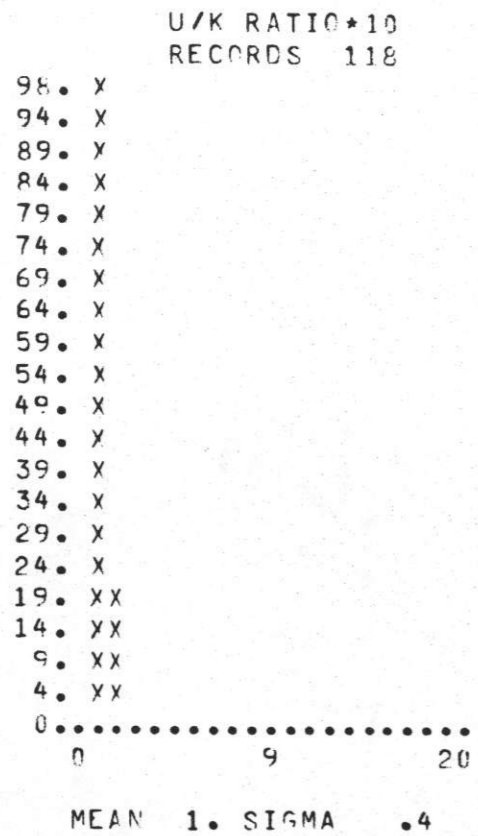
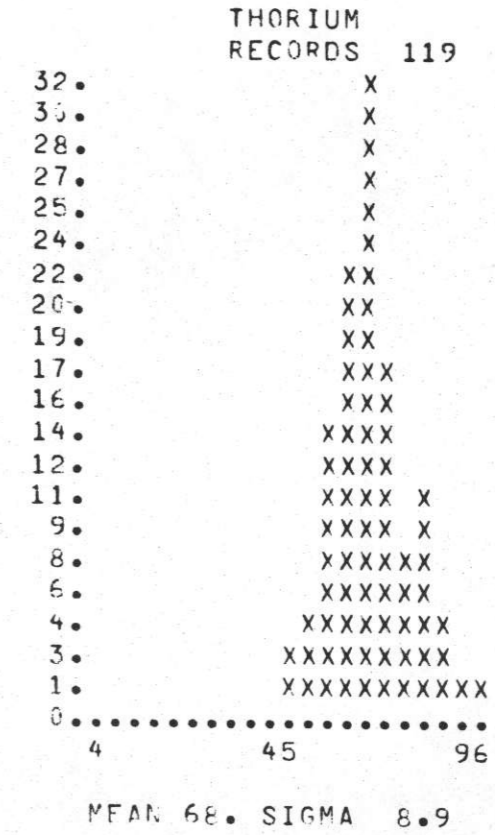
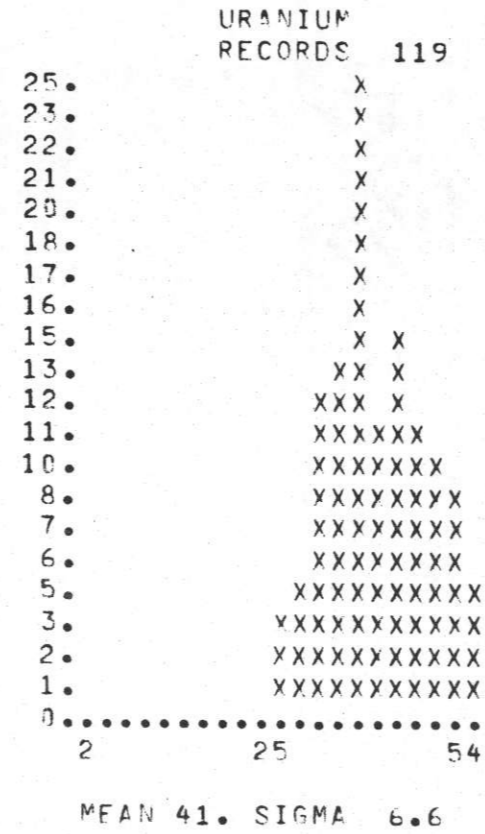
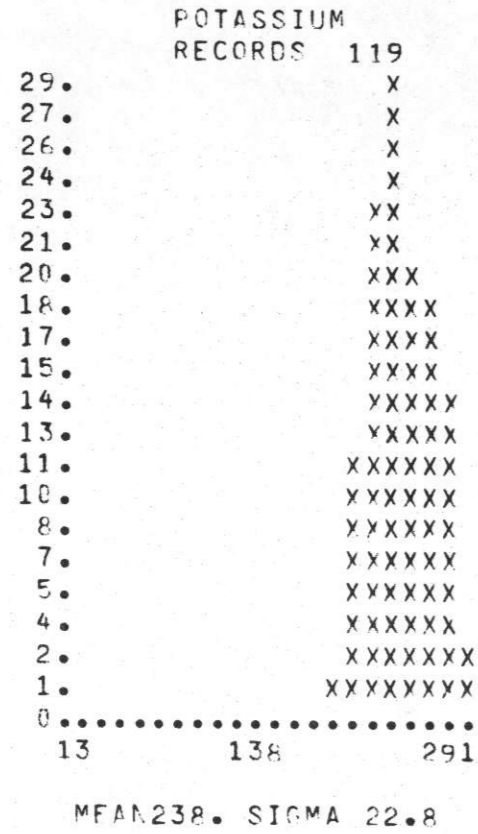
219 49850 49400 49200 49000 48737

↑ EXCEEDS ALTITUDE SPECIFICATIONS

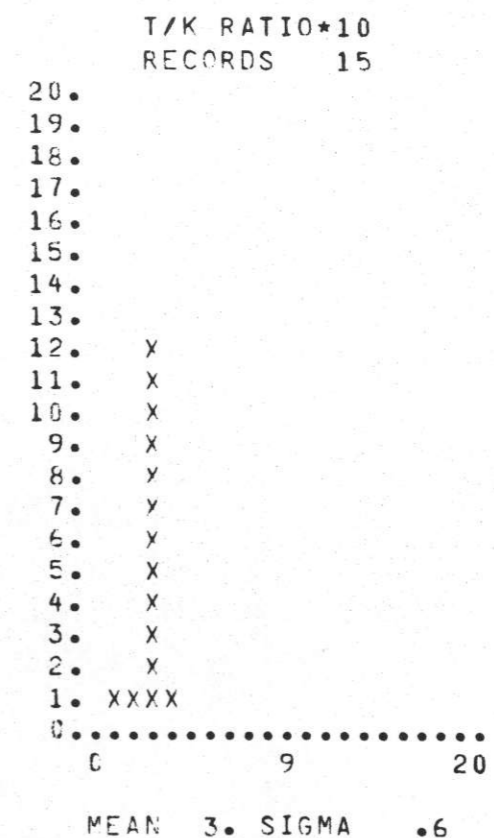
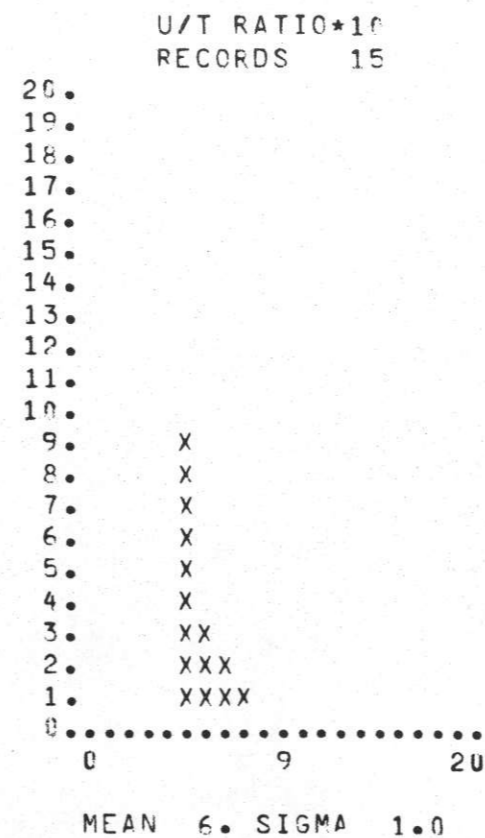
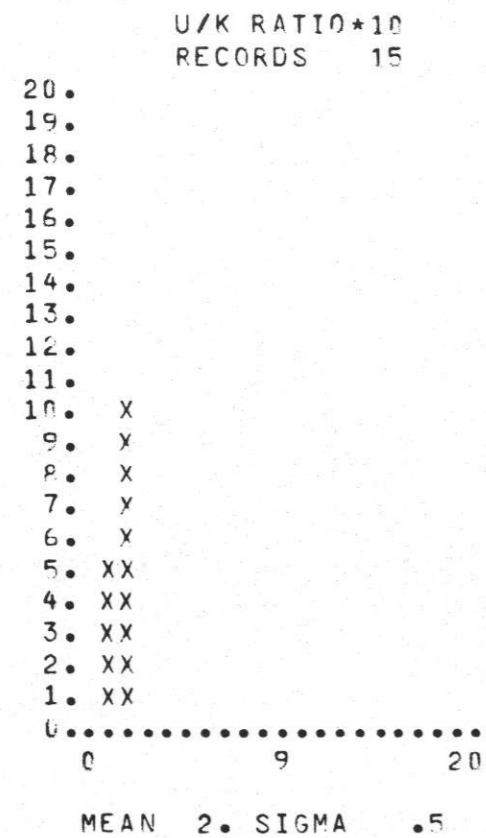
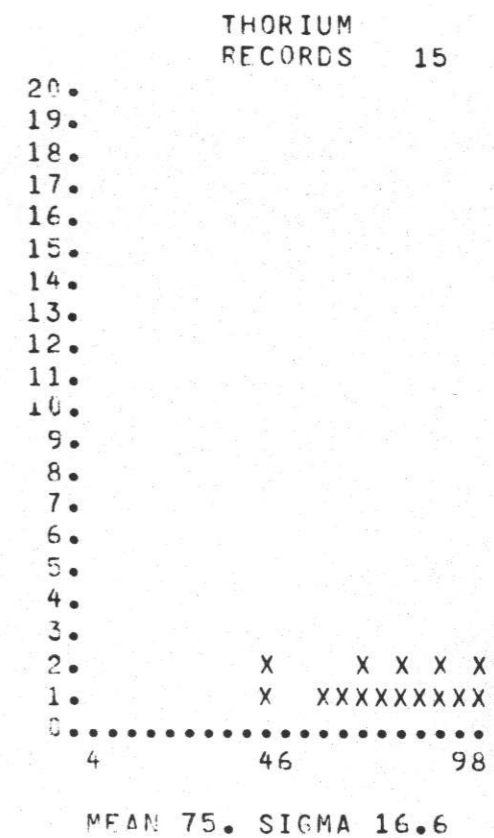
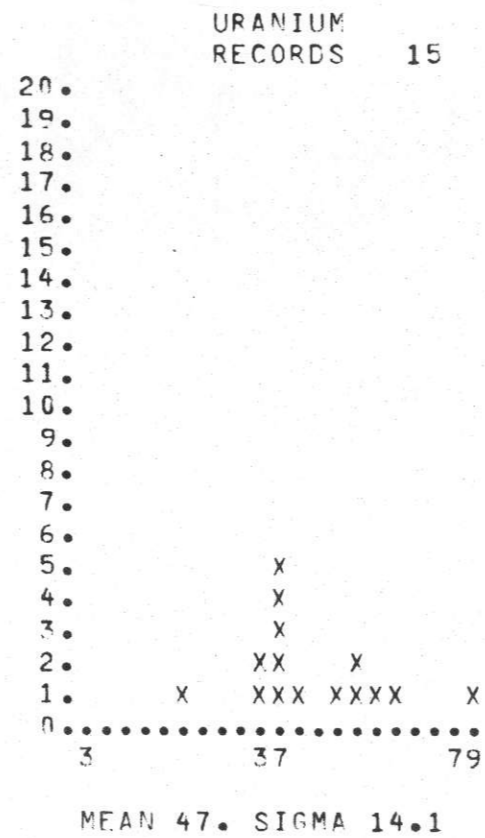
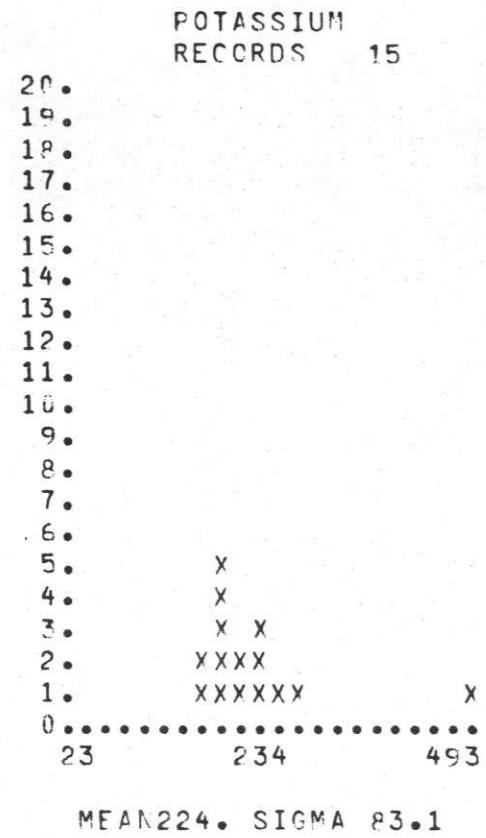


NURE AERIAL GAMMA RAY AND MAGNETIC
 RECONNAISSANCE SURVEY
 COLORADO, ARIZONA-LUKEVILLE NH 12-1 QUADRANGLE
 MAGNETIC AND ANCILLARY STACKED PROFILE DATA
 1977-1978
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR
 DEPARTMENT OF ENERGY

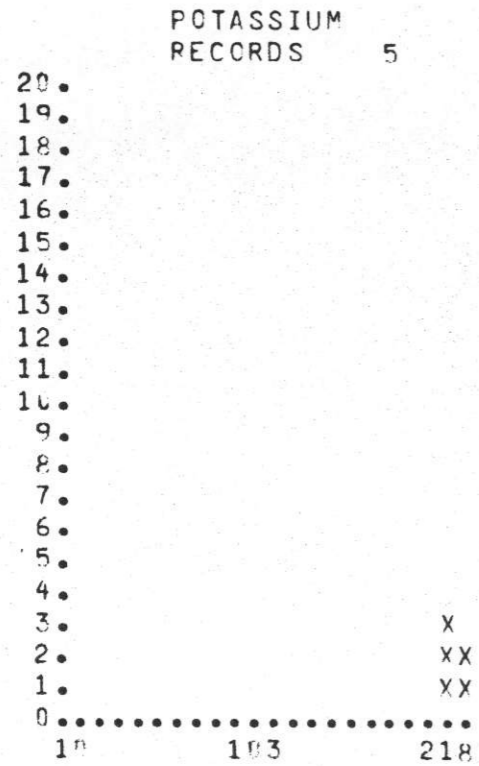
LUKEVILLE QUADRANGLE NI 12-1
GEOLOGIC UNIT GAL



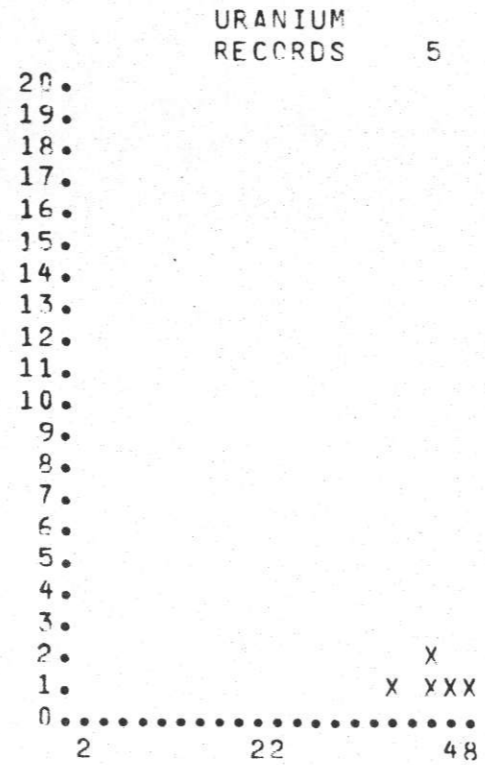
LUKEVILLE QUADRANGLE NI 12-1
GEOLOGIC UNIT QF



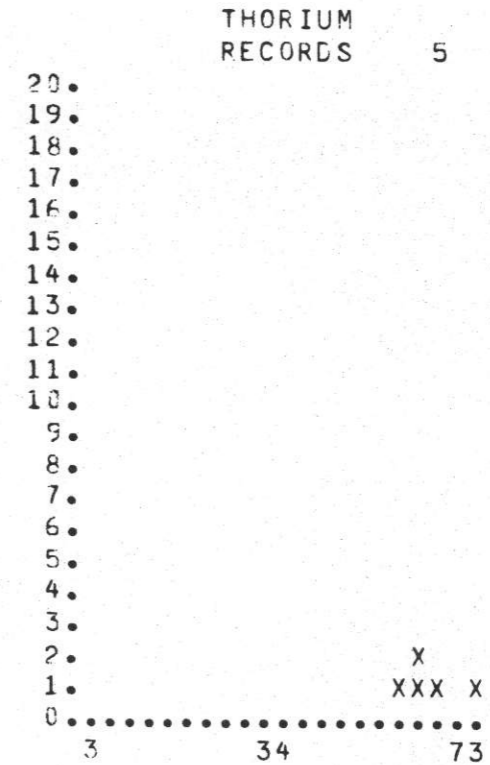
LUKEVILLE QUADRANGLE NI 12-1
GEOLOGIC UNIT GS



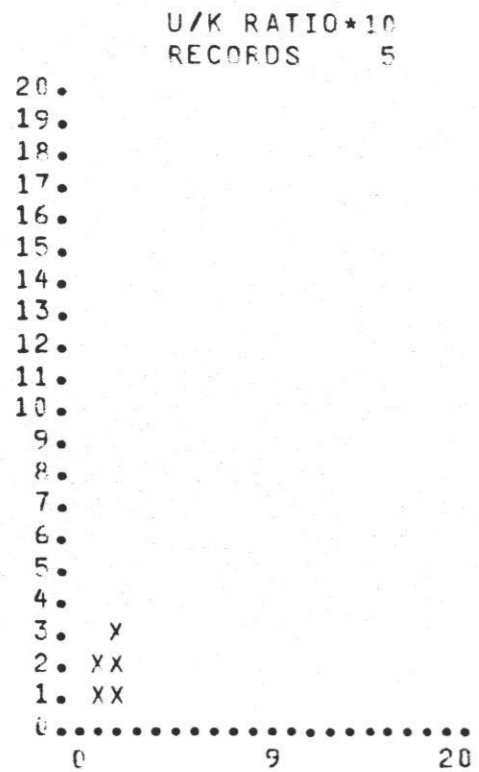
MEAN 209. SIGMA 7.2



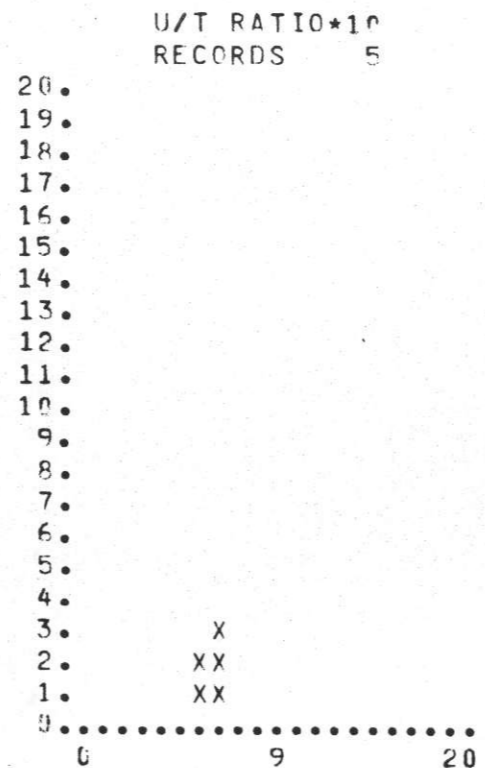
MEAN 44. SIGMA 4.1



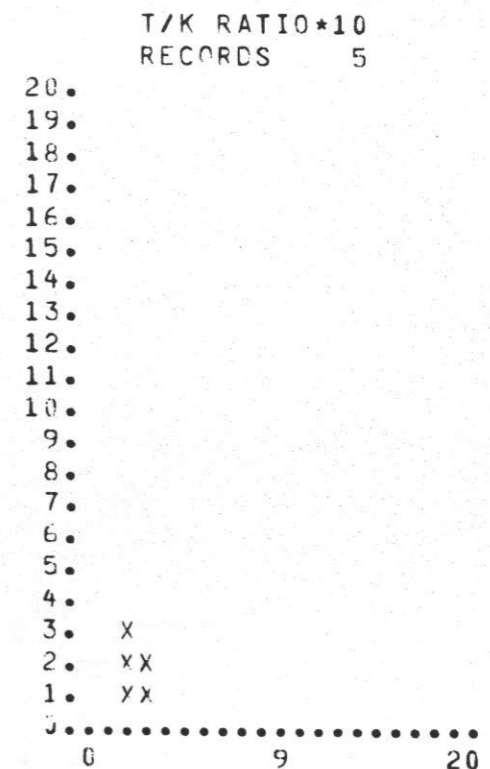
MEAN 64. SIGMA 6.1



MEAN 2. SIGMA .5

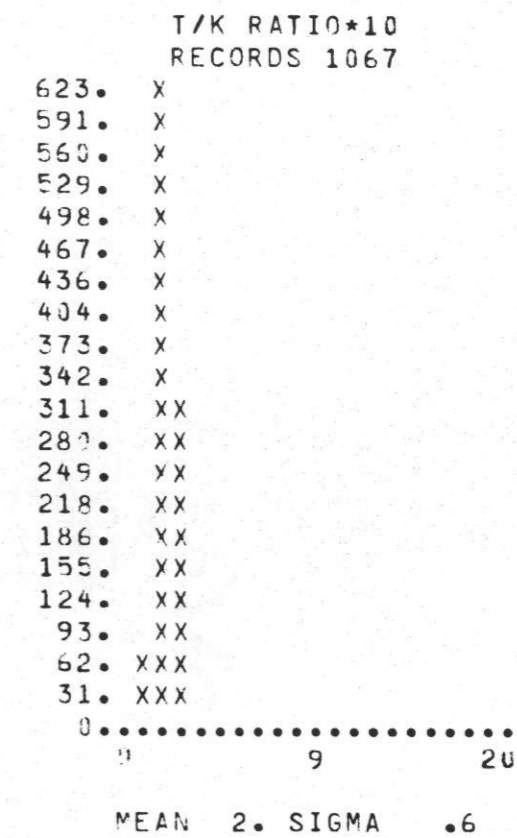
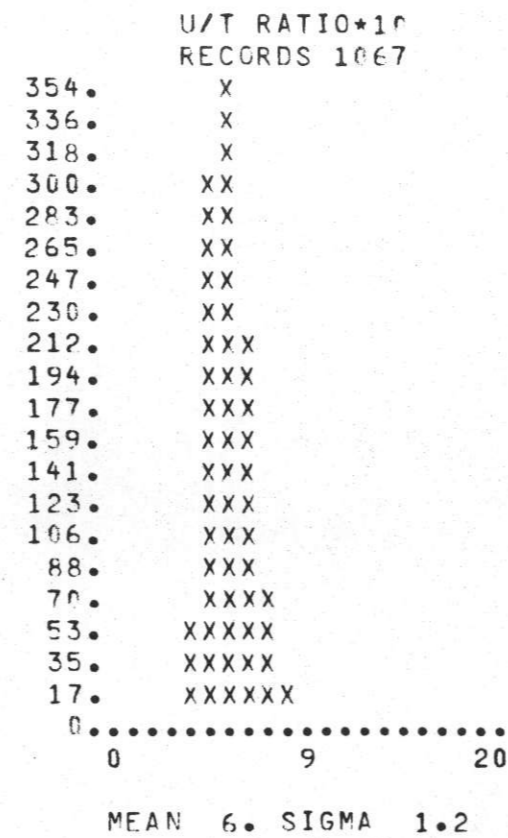
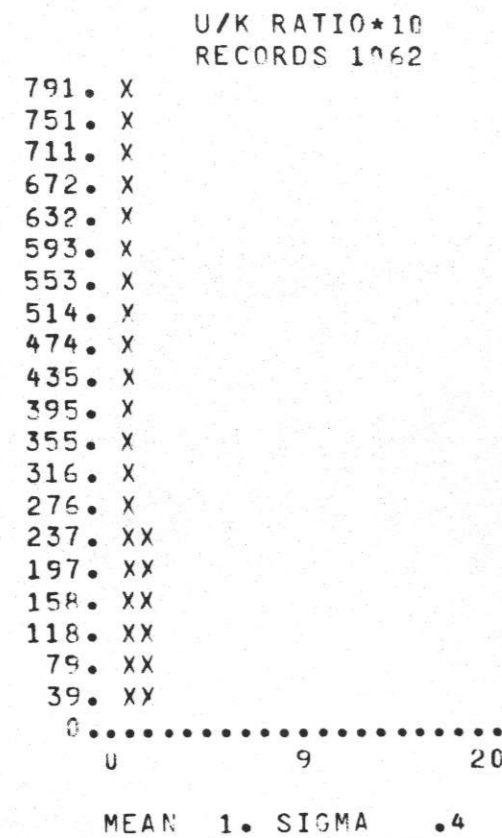
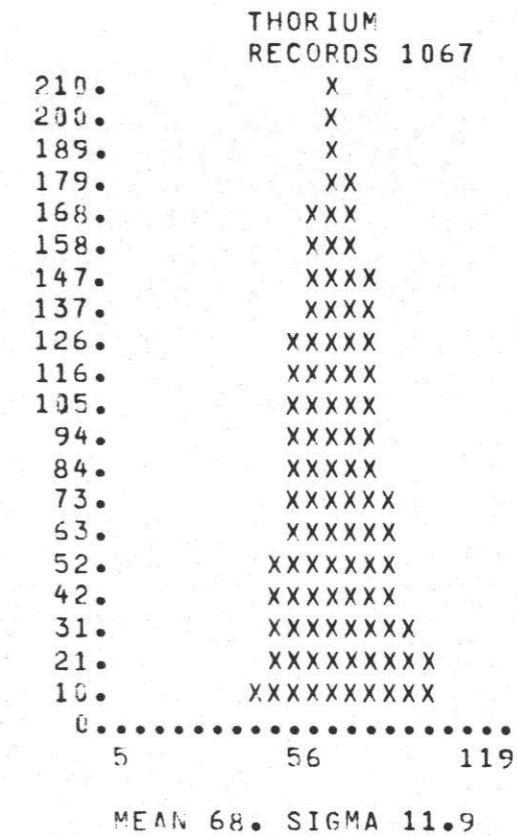
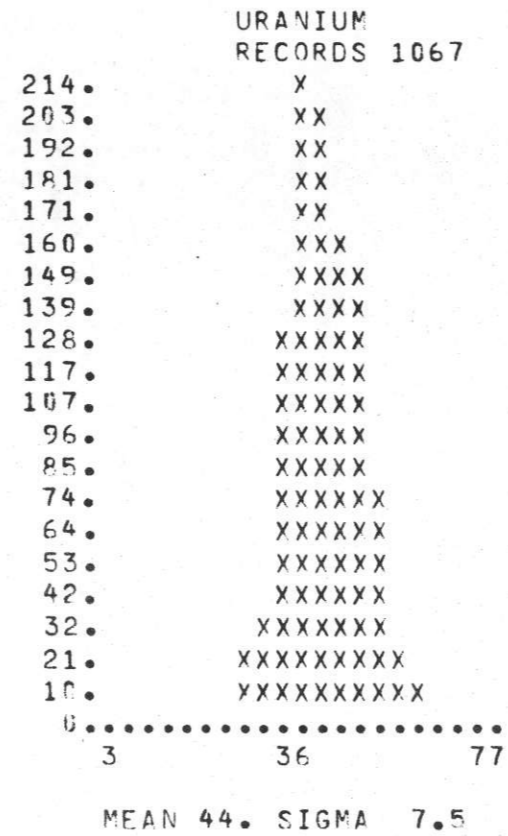
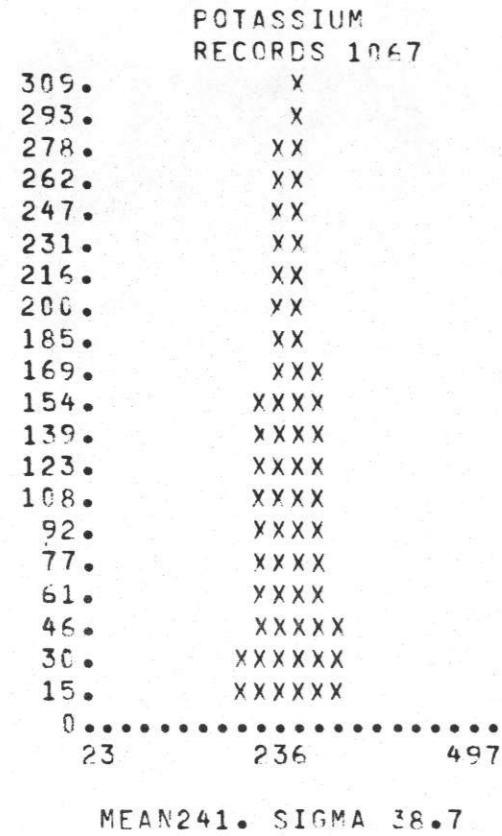


MEAN 7. SIGMA .5

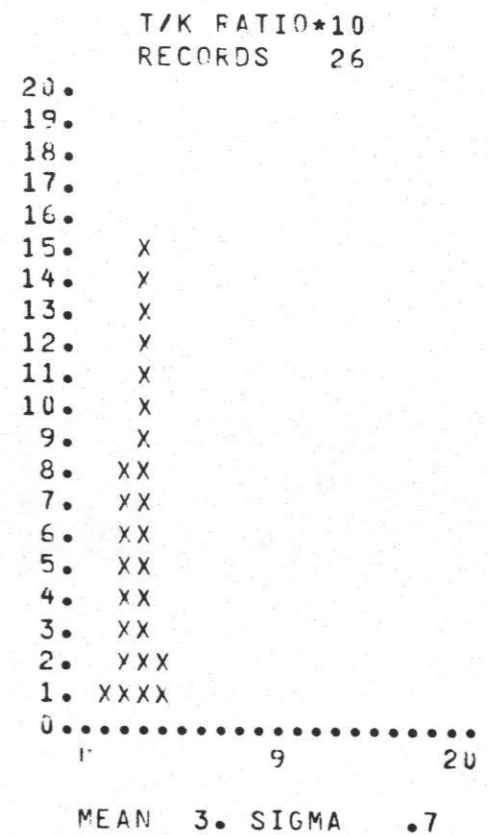
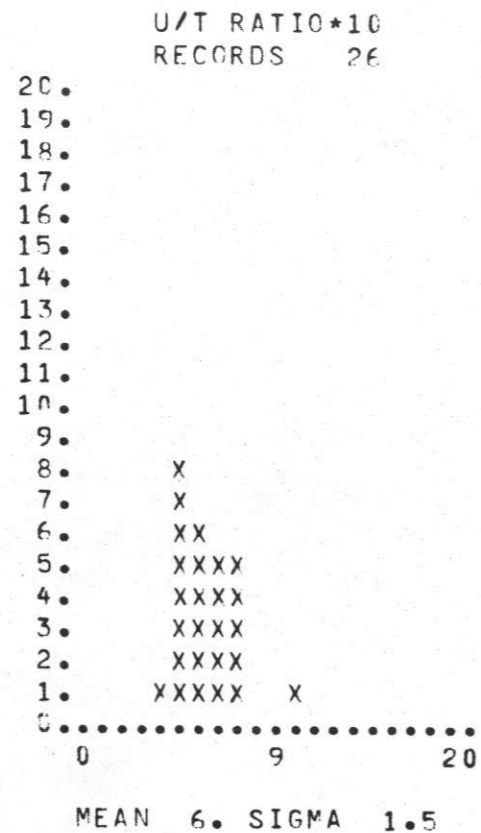
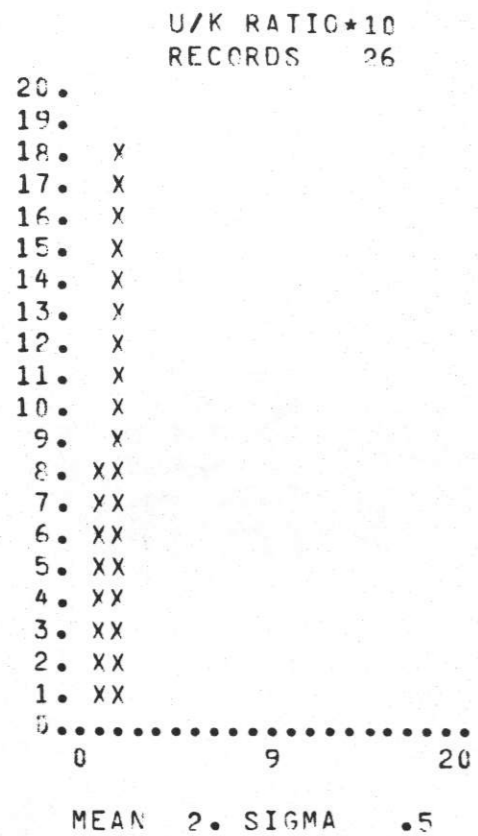
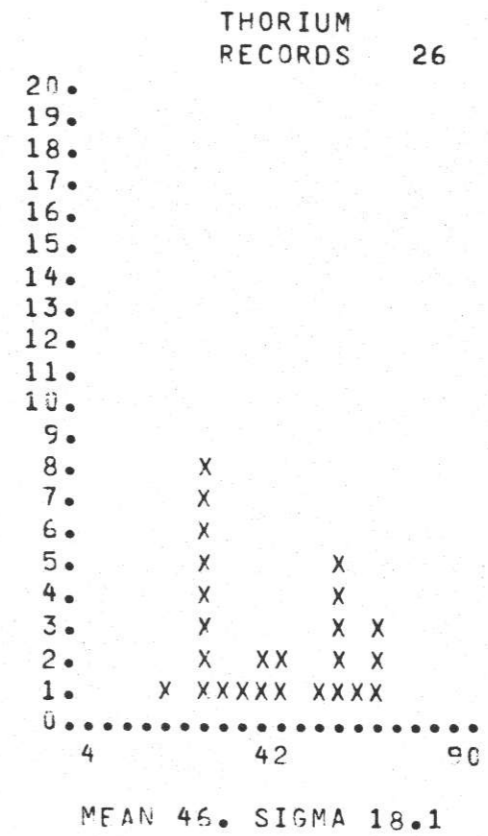
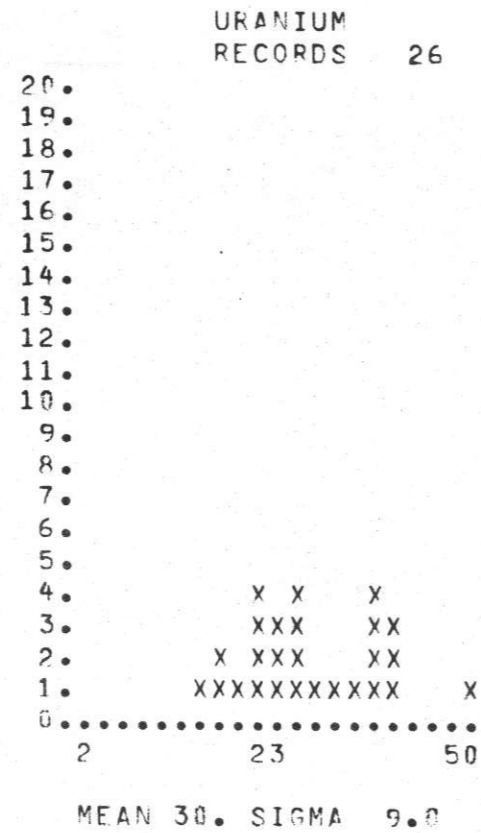
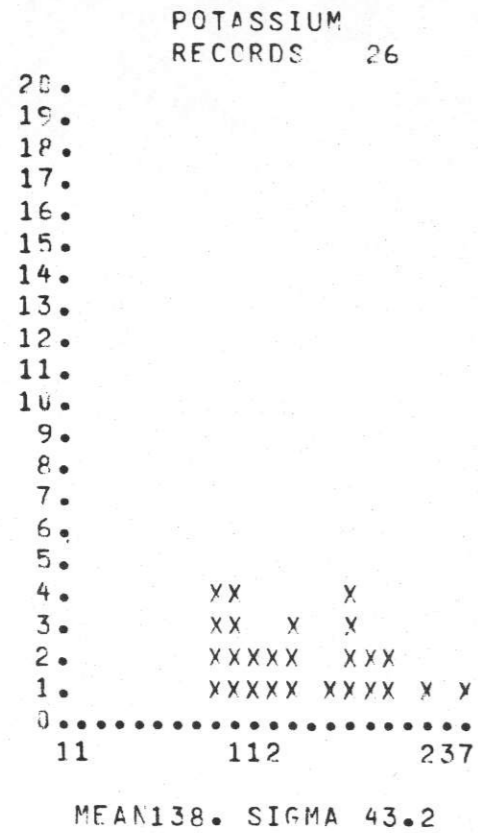


MEAN 2. SIGMA .5

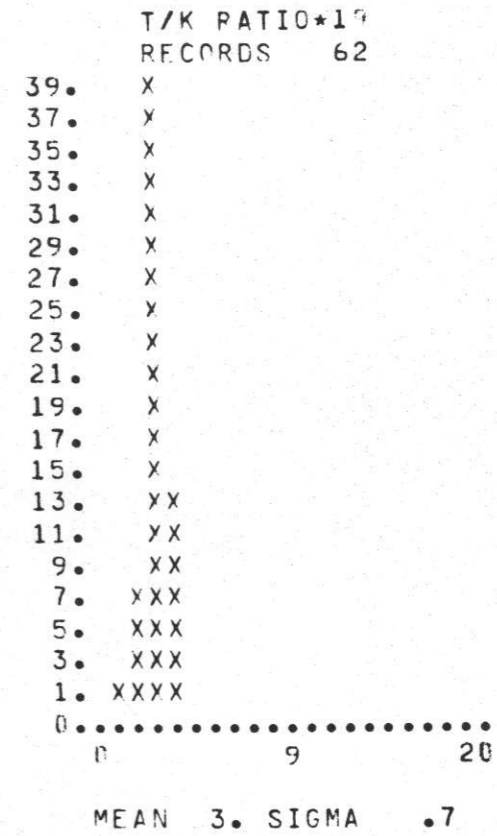
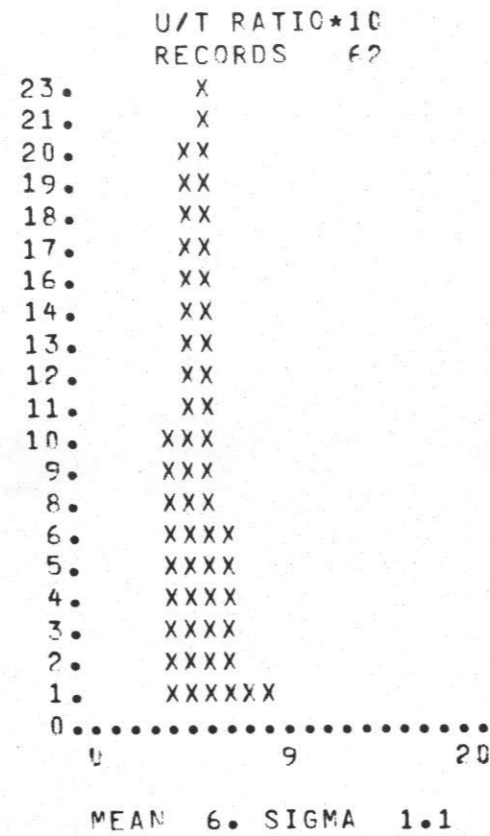
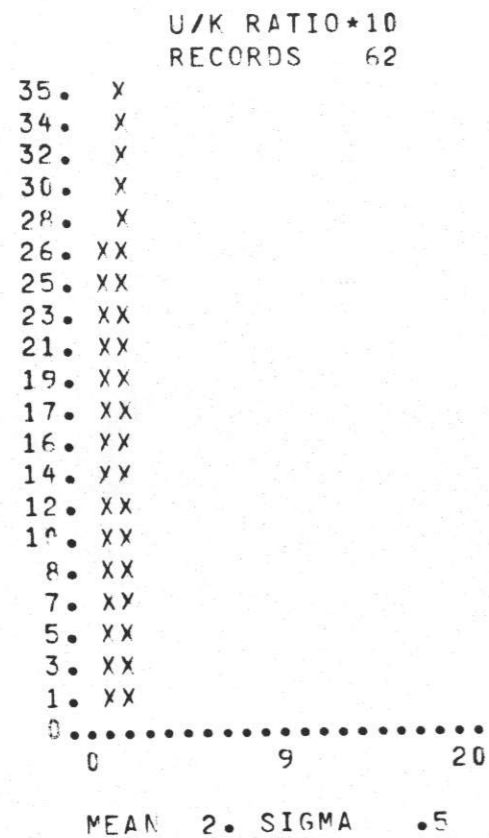
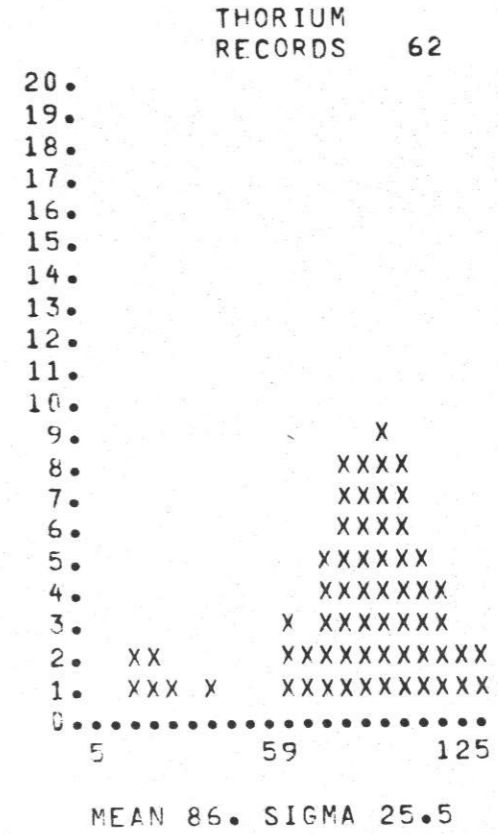
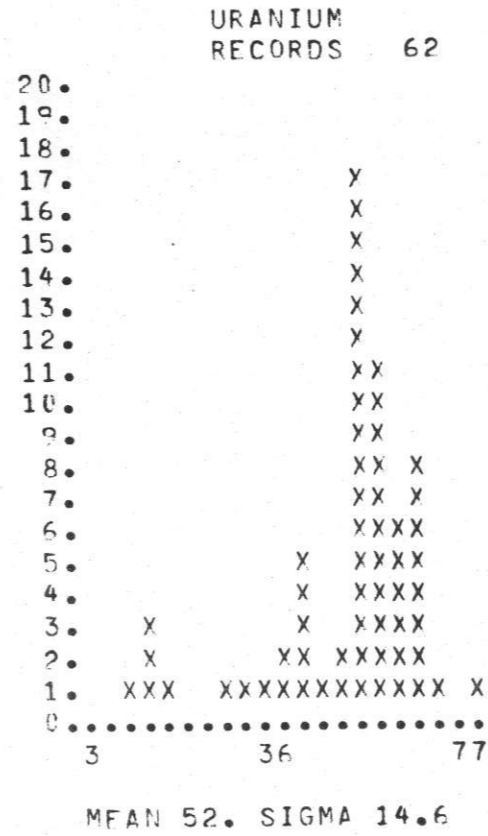
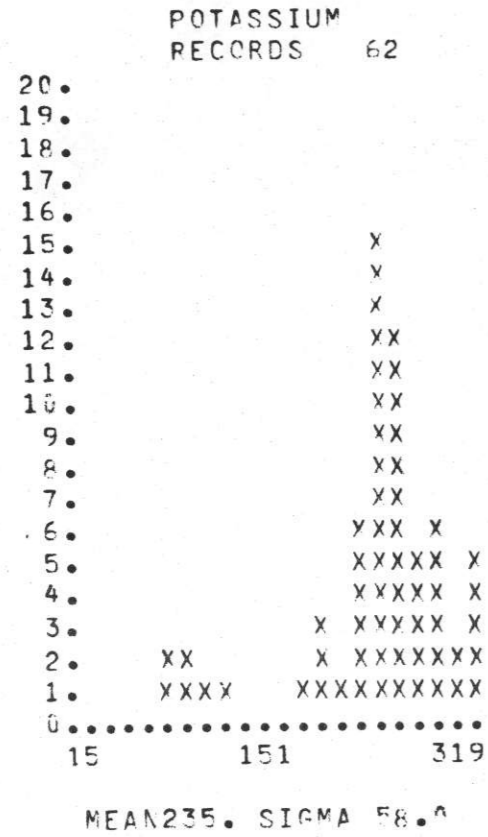
LUKEVILLE QUADRANGLE NI 12-1
GEOLOGIC UNIT QTU



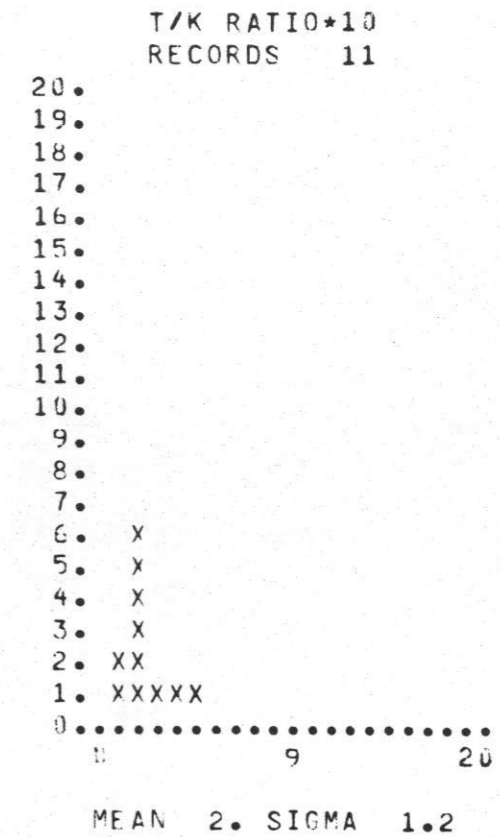
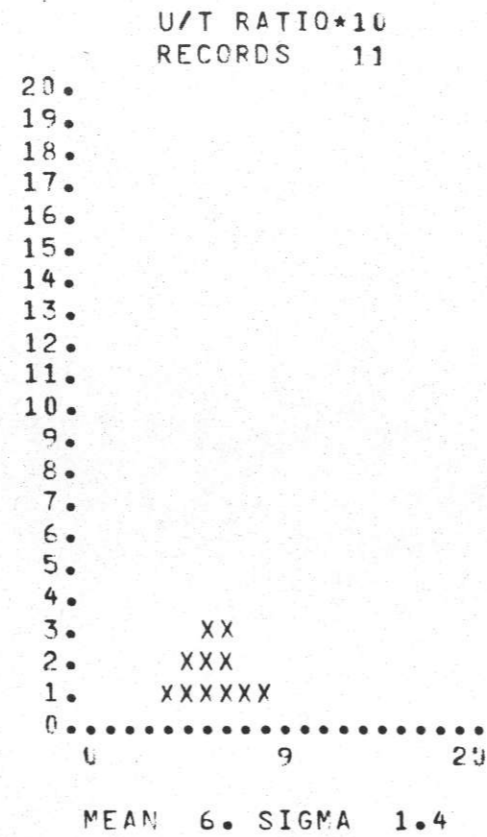
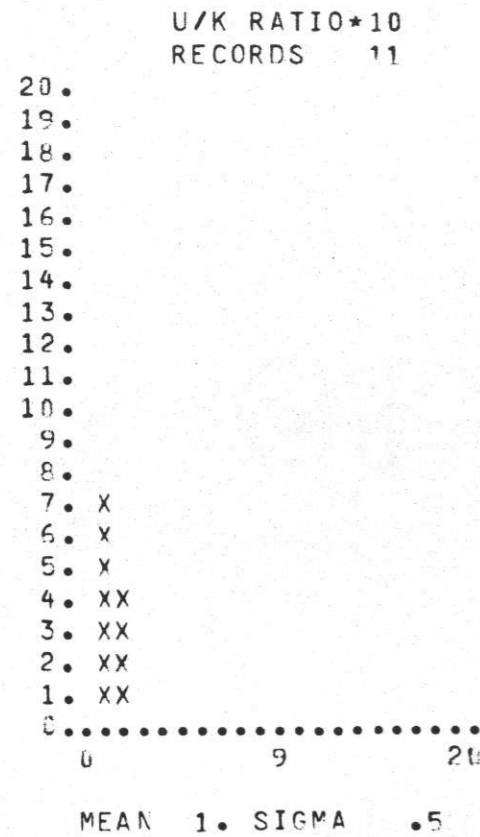
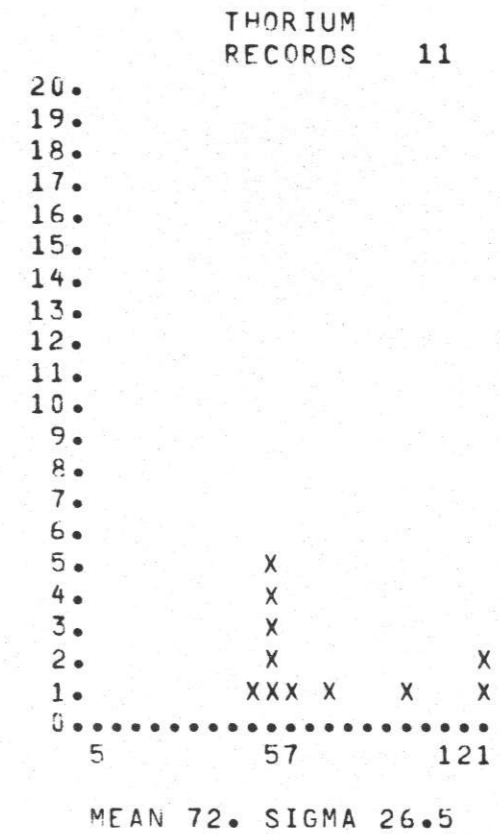
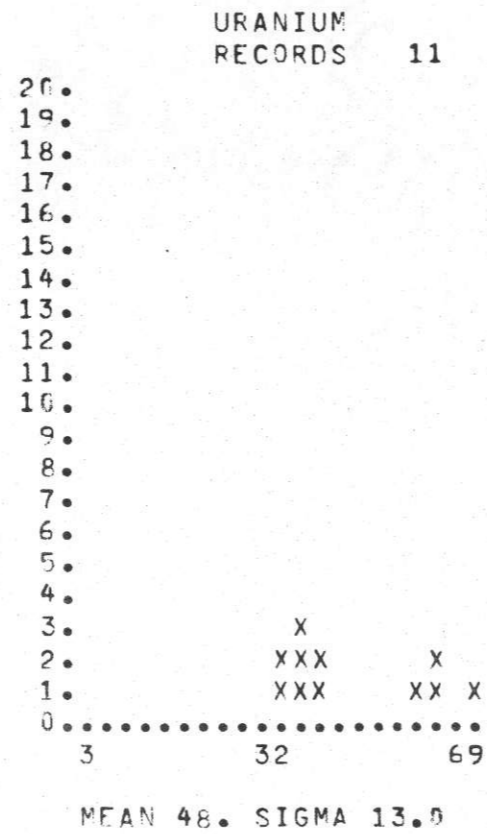
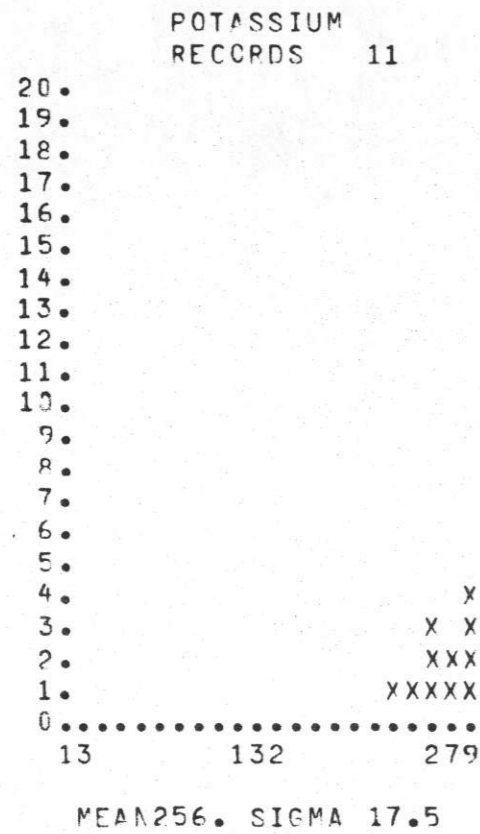
LUKEVILLE QUADRANGLE NI 12-1
GEOLOGIC UNIT QTV



LUKEVILLE QUADRANGLE NI 12-1
GEOLOGIC UNIT TR



LUKEVILLE QUADRANGLE NI 12-1
GEOLOGIC UNIT TGM



LUKEVILLE QUADRANGLE NI 12-1
GEOLOGIC UNIT KA

