

Geology
GJBX (79)-48

GJBX-48 '79

NURE AERIAL GAMMA-RAY AND MAGNETIC
RECONNAISSANCE SURVEY

GEOLOGY

SOUTHEASTERN AREA-ALASKA

SKAGWAY	SITKA	CRAIG
ATLIN	SUMDUM	KETCHIKAN
<u>MT. FAIRWEATHER</u>	PORT ALEXANDER	DIXON ENTRANCE
JUNEAU	PETERSBURG	PRINCE RUPERT
TAKU RIVER	BRADFIELD CANAL	

QUADRANGLES

VOLUME II

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

JANUARY 1979

WORK PERFORMED UNDER
BENDIX FIELD ENGINEERING CORPORATION GRAND JUNCTION OPERATIONS
SUBCONTRACT NO. 76-015-S AND BENDIX CONTRACT EY-76-C-13-1664

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

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MT. FAIRWEATHER

LEGEND

STRATIFIED SEDIMENTARY AND VOLCANIC ROCKS
MAINLY MARINE, IN PART METAMORPHOSED

- QUATERNARY**
 - Qh PLEISTOCENE TO HOLOCENE SURFICIAL SEDIMENTARY DEPOSITS
- TERTIARY**
 - Qty MIDDLE MIocene TO LOWER PLEISTOCENE ROCK
 - Ttc MIOCENE TO OLIGOCENE ROCK
- MESOZOIC**
 - Kc CRETACEOUS CONGLOMERATE
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- PALEOZOIC MESOZOIC**
 - Kjv CRETACEOUS AND JURASSIC FLOW BRECCIA
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- PLUTONIC AND HYPABYSSAL ROCK**
- TERTIARY**
 - Tg TERTIARY GRANITIC ROCK
 - Tgr TERTIARY ROCK GENERALLY OF GRANODIORITIC TO TONOLITIC COMPOSITION, SPECIFICALLY, Tgr-1 IS TERTIARY TONALITE, Tgr-d IS TERTIARY DIORITE, Tgr-Th IS TERTIARY TONALITE ASSOCIATED WITH NORITE

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 - TKg TERTIARY AND CRETACEOUS GRANITIC ROCK, GENERALLY EQUIVALENT TO Qd AT SKAGWAY
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 - Grqm GRANITE AND QUARTZ MONZONITE, NO AGE SPECIFIED
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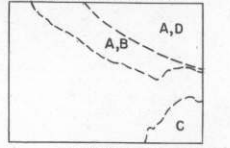
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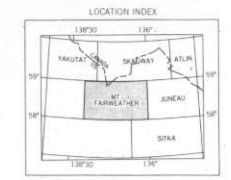
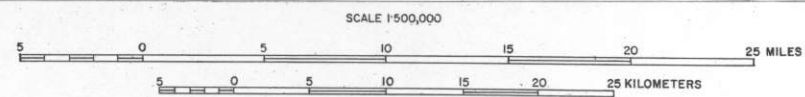


BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

GEOLOGIC SOURCE INDEX



USGS PUB. A. (MF-673) 1:1,000,000
B. (I-484) 1:500,000
C. (I-388) 1:250,000
D. (ADF-471) 1:250,000



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

MT. FAIRWEATHER, ALASKA

GEOLOGIC BASE MAP
1976-1978

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

PREPARED FOR
DEPARTMENT OF ENERGY

MT. FAIRWEATHER

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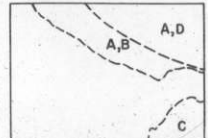
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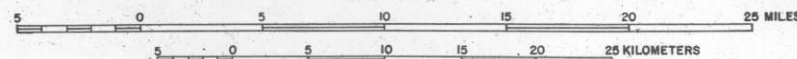
BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

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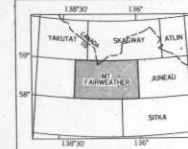


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SCALE 1:500,000



LOCATION INDEX



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

MT. FAIRWEATHER, ALASKA

FLIGHT PATH MAP
1976-1978

BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19008

PREPARED FOR
DEPARTMENT OF ENERGY

MT. FAIRWEATHER

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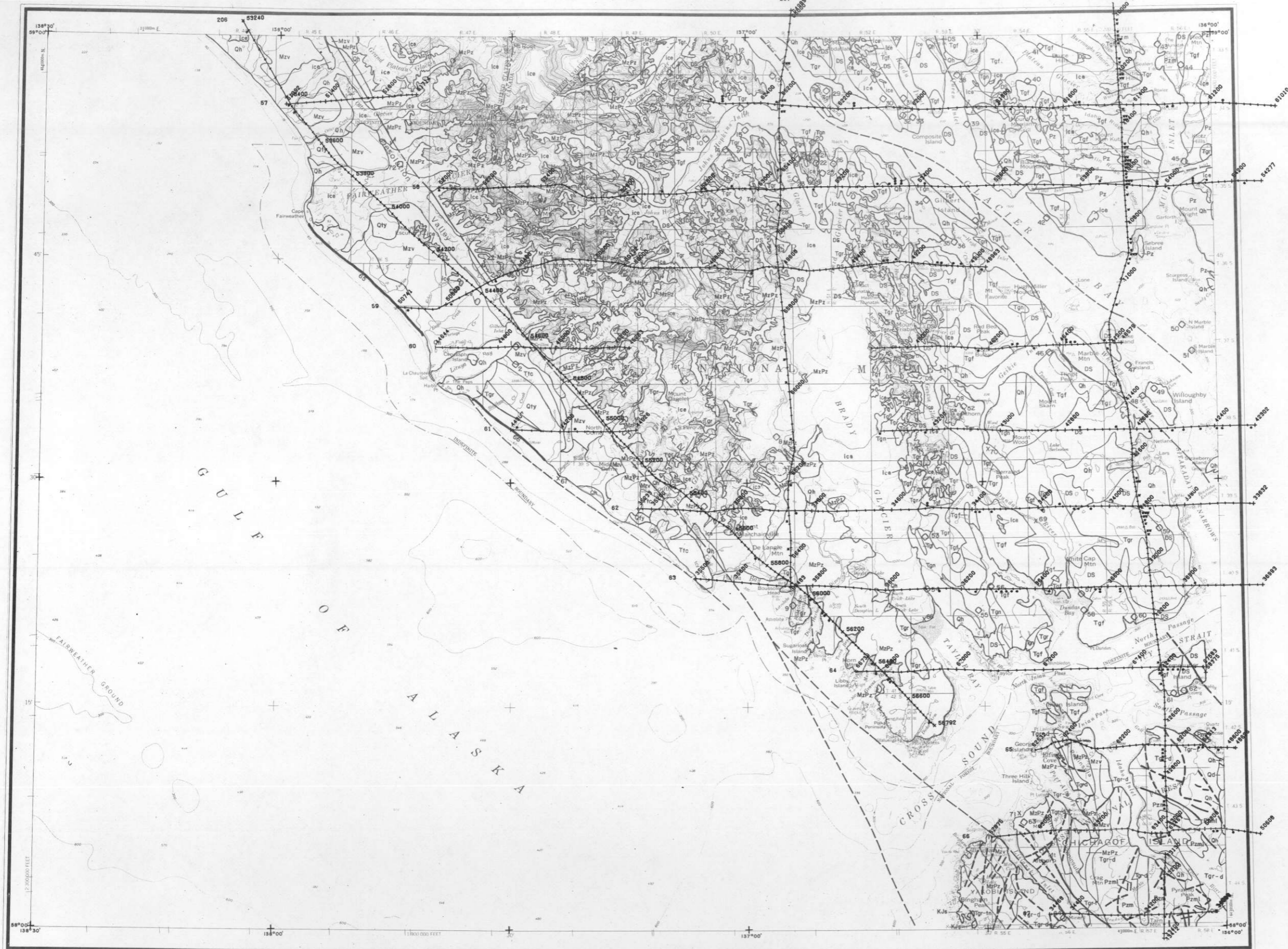
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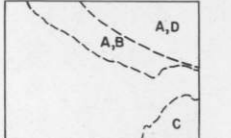
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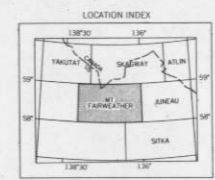
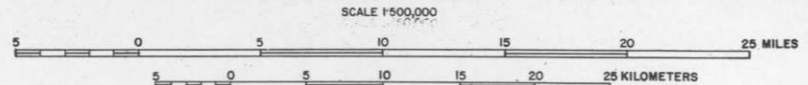


BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

GEOLOGIC SOURCE INDEX



USGS PUB. [A. (MF-673) 1:1,000,000
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EXPLANATION
INDIVIDUAL SAMPLES ARE PLOTTED AT 20 SAMPLE INTERVALS AND IDENTIFIED BY RECORD NUMBER AT INTERVALS OF 500 SAMPLES. AVERAGED SAMPLES ARE ANNOTATED IF THE DEVIATION OF THE AVERAGED SAMPLE, FROM THE MEAN OF ITS CORRESPONDING ROCK UNIT, IS GREATER THAN ± 1 STANDARD DEVIATION. THE DEVIATION INTERVALS ANNOTATED ARE 1 TO 2, 2 TO 3, AND 3 OR GREATER.
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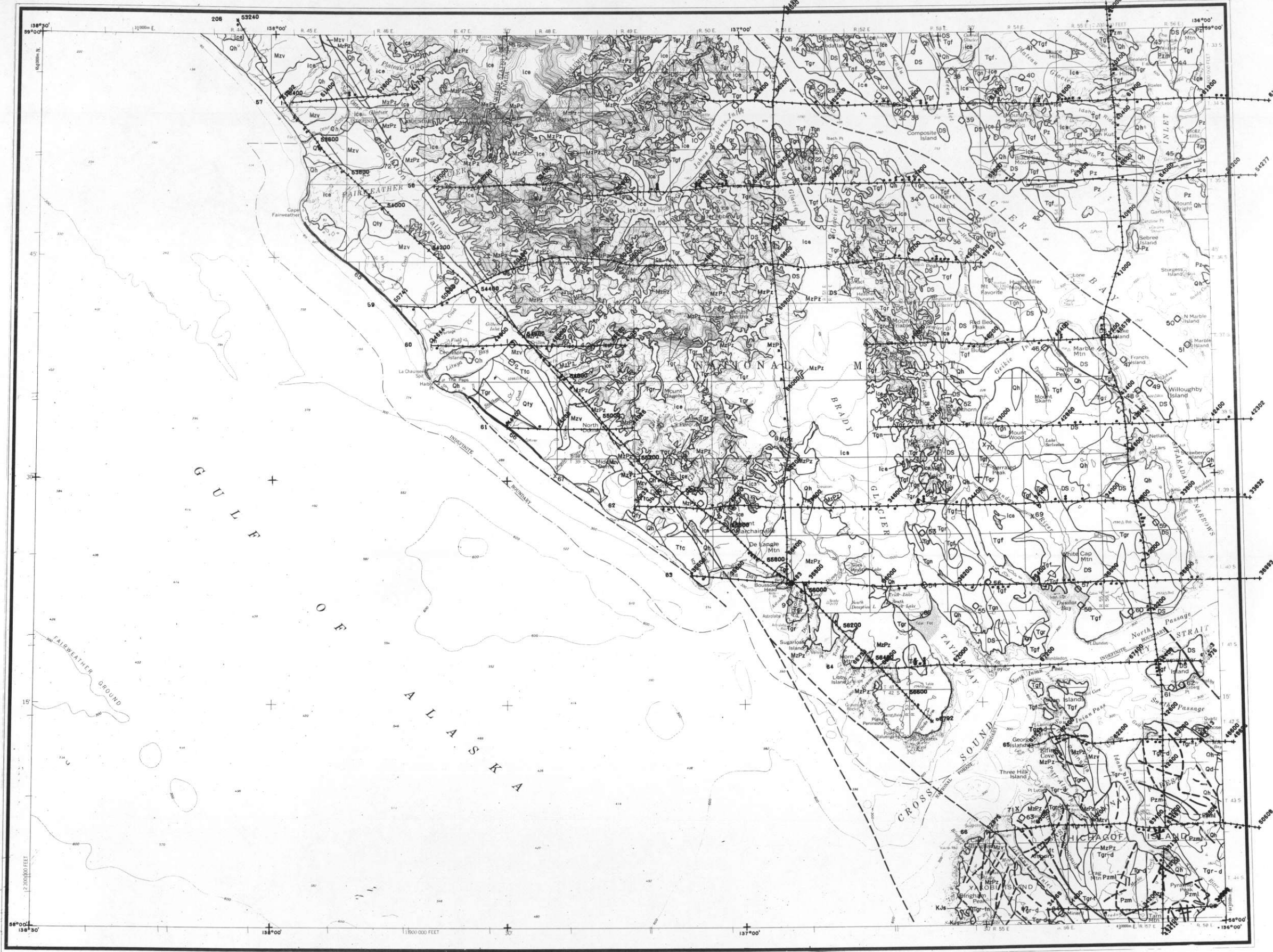
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MT. FAIRWEATHER, ALASKA
ANOMALY MAP - URANIUM
1976-1978

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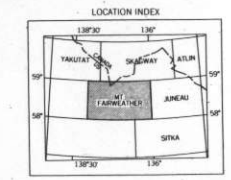
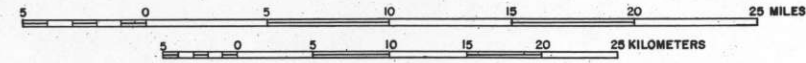


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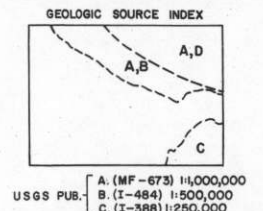
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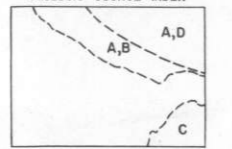


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 - Pzm PALEOZOIC METAMORPHICS, GENERALLY EQUIVALENT TO MzPz COMPOSITION
- CONTACT, DASHED WHERE INFERRED OR CONCEALED
 - - - FAULT, DASHED WHERE INFERRED OR CONCEALED
 ◊ 19, X20, 40, 45 METALLIC MINERAL OCCURRENCE IDENTIFIED IN REPORT.
 SOURCE U.S.G.S. PUBLICATIONS MF 407, 424, 435, 436
 ICE - [ice]; WATER - [water]; UNMAPPED AREAS - [unmapped]

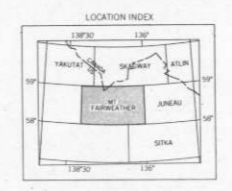
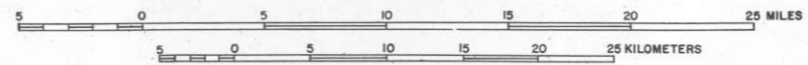
BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

GEOLOGIC SOURCE INDEX



USGS PUB. [A. (MF-673) 1:1,000,000
 B. (I-484) 1:500,000
 C. (I-388) 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
MT. FAIRWEATHER, ALASKA
ANOMALY MAP - POTASSIUM
 1976-1978
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR
 DEPARTMENT OF ENERGY

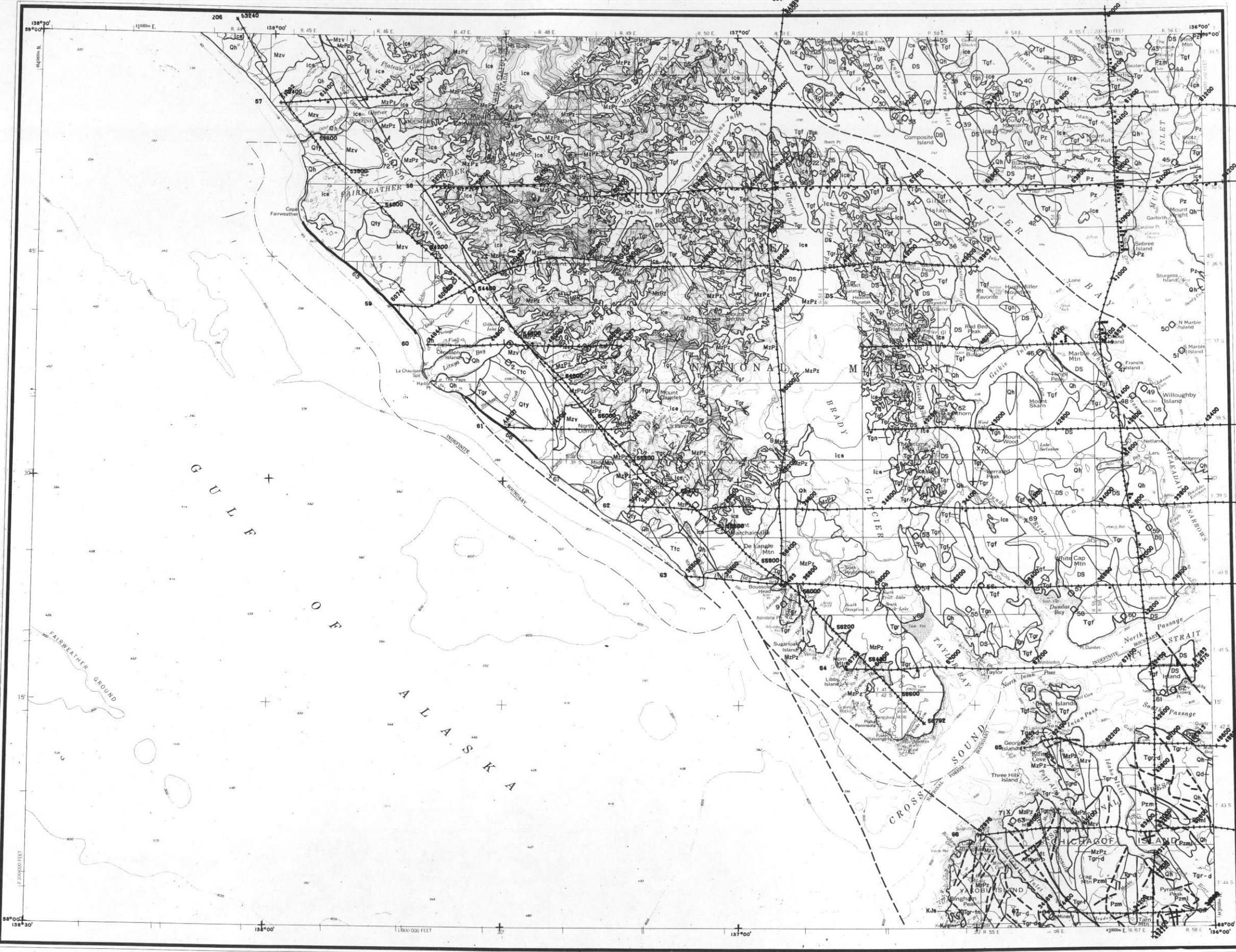
MT. FAIRWEATHER

207

208

STRATIFIED SEDIMENTARY AND VOLCANIC ROCKS
MAINLY MARINE, IN PART METAMORPHOSED

- QUATERNARY**
- Qh PLEISTOCENE TO HOLOCENE SURFICIAL SEDIMENTARY DEPOSITS
- TERTIARY QUATERNARY**
- Qty MIDDLE MIOCENE TO LOWER PLEISTOCENE ROCK
 - Ttc MIOCENE TO OLIGOCENE ROCK
- MESOZOIC**
- Kc CRETACEOUS CONGLOMERATE
 - Kjs LOWER CRETACEOUS TO UPPER JURASSIC SLATE, GRAYWACKE, AND CONGLOMERATE
 - Trv TRIASSIC TO CRETACEOUS BLACK SLATE, GREENSTONE AND CONGLOMERATE
 - Mzv MESOZOIC GREENSTONE AND VOLCANIC GRAYWACKE
 - MzPz MESOZOIC AND PALEOZOIC ROCK, COMPOSITIONALLY EQUIVALENT TO Pzm
- PALEOZOIC**
- Pz DEVONIAN AND SILURIAN GRAYWACKE AND ARGILLITE. AT MT. FAIRWEATHER, THIS INCLUDES INTERBEDDED Pzm1 ROCK
 - DS DEVONIAN AND SILURIAN ROCK
 - PI PALEOZOIC LIMESTONE
- VOLCANIC ROCKS, MAINLY SUBAERIAL**
- Kjv CRETACEOUS AND JURASSIC FLOW BRECCIA
 - Pzv PALEOZOIC VOLCANIC ROCKS
- PLUTONIC AND HYPABYSSAL ROCK**
- TERTIARY**
- Tg TERTIARY GRANITIC ROCK
 - Tgr TERTIARY ROCK GENERALLY OF GRANODIORITIC TO TONALITIC COMPOSITION. SPECIFICALLY, Tgr-1 IS TERTIARY TONALITE, Tgr-d IS TERTIARY DIORITE, Tgr-Th IS TERTIARY TONALITE ASSOCIATED WITH NORITE
- TERTIARY & CRETACEOUS**
- TKg TERTIARY AND CRETACEOUS GRANITIC ROCK. GENERALLY EQUIVALENT TO Qd AT SKAGWAY
 - Qd QUARTZ DIORITE (TONALITE) CRETACEOUS TO TERTIARY IN AGE, COMPOSITIONALLY EQUIVALENT TO Tgr-1 OF MT. FAIRWEATHER
- MESOZOIC**
- Kg CRETACEOUS AND JURASSIC GRANITIC ROCK IN SKAGWAY, GENERALLY EQUIVALENT TO d, g, AND Tgr COMPOSITION
 - Kum CRETACEOUS PYROXENITE
- NO AGE SPECIFIED**
- GrQm GRANITE AND QUARTZ MONZONITE, NO AGE SPECIFIED
 - g GRANODIORITE, NO AGE SPECIFIED. TKg AND Kg OF TAKU RIVER ARE GENERALLY EQUIVALENT
 - d DIORITE AND QUARTZ DIORITE, NO AGE SPECIFIED COMPOSITION GENERALLY EQUIVALENT TO Tgr-d IN MT. FAIRWEATHER
 - G GABBRO
- METAMORPHIC ROCKS**
- TERTIARY**
- Tgn TERTIARY GNEISSIC ROCKS
 - Tgf FOLIATED ROCK OF GRANODIORITIC TO TONALITIC COMPOSITION, GENERALLY EQUIVALENT TO Kg OF SKAGWAY
- CRETACEOUS**
- MzPzv METAMORPHOSED LAVAS OF G COMPOSITION
 - Mzg PERMIAN TO CRETACEOUS GREENSHIST AND AMPHIBOLITE
- PALEOZOIC**
- Pzml PALEOZOIC MARBLE AND LIMESTONE
 - Pzm PALEOZOIC METAMORPHICS, GENERALLY EQUIVALENT TO MzPz COMPOSITION
- CONTACT, DASHED WHERE INFERRED OR CONCEALED
 --- FAULT, DASHED WHERE INFERRED OR CONCEALED
 ○19, X20, □40, 145 METALLIC MINERAL OCCURRENCE IDENTIFIED IN REPORT.
 SOURCE U.S.G.S. PUBLICATIONS MF 407, 424, 435, 436
 ICE - [ice symbol]; WATER - [water symbol]; UNMAPPED AREAS - UNMAPPED



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

EXPLANATION

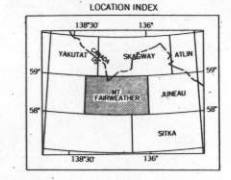
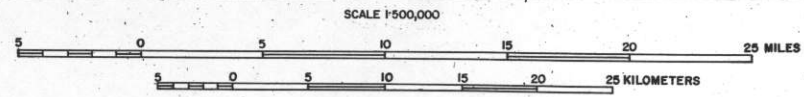
INDIVIDUAL SAMPLES ARE PLOTTED AT 20 SAMPLE INTERVALS AND IDENTIFIED BY RECORD NUMBER AT INTERVALS OF 500 SAMPLES. AVERAGED SAMPLES ARE ANNOTATED IF THE DEVIATION OF THE AVERAGED SAMPLE, FROM THE MEAN OF ITS CORRESPONDING ROCK UNIT, IS GREATER THAN ± 1 STANDARD DEVIATION. THE DEVIATION INTERVALS ANNOTATED ARE 1 TO 2, 2 TO 3, AND 3 OR GREATER.

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GEOLOGIC SOURCE INDEX

A, B A, D
 C

USGS PUB. [A (MF-673) 1:1,000,000
 B (I-484) 1:500,000
 C (I-388) 1:250,000
 D (AOF-47) 1:250,000



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

MT. FAIRWEATHER, ALASKA

ANOMALY MAP - URANIUM/ THORIUM

1976 - 1978

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

PREPARED FOR
 DEPARTMENT OF ENERGY

MT. FAIRWEATHER

207

LEGEND

STRATIFIED SEDIMENTARY AND VOLCANIC ROCKS MAINLY MARINE, IN PART METAMORPHOSED

- QUATERNARY**
 - Qh PLEISTOCENE TO HOLOCENE SURFICIAL SEDIMENTARY DEPOSITS
- TERTIARY QUATERNARY**
 - Qly MIDDLE MIOCENE TO LOWER PLEISTOCENE ROCK
 - Tlc MIOCENE TO OLILOCENE ROCK
- MESOZOIC**
 - Kc CRETACEOUS CONGLOMERATE
 - Kjs LOWER CRETACEOUS TO UPPER JURASSIC SLATE, GRAYWACKE, AND CONGLOMERATE
 - Trv TRIASSIC TO CRETACEOUS BLACK SLATE, GREENSTONE AND CONGLOMERATE
 - Mzv MESOZOIC GREENSTONE AND VOLCANIC GRAYWACKE
 - MzPz MESOZOIC AND PALEOZOIC ROCK, COMPOSITIONALLY EQUIVALENT TO Pzm
- PALEOZOIC**
 - Pz DEVONIAN AND SILURIAN GRAYWACKE AND ARGILLITE. AT MT. FAIRWEATHER, THIS INCLUDES INTERBEDDED Pzm1 ROCK
 - DS DEVONIAN AND SILURIAN ROCK
 - PI PALEOZOIC LIMESTONE

VOLCANIC ROCKS, MAINLY SUBAERIAL

- PALEOZOIC MESOZOIC**
 - Kjv CRETACEOUS AND JURASSIC FLOW BRECCIA
 - Pzv PALEOZOIC VOLCANIC ROCKS

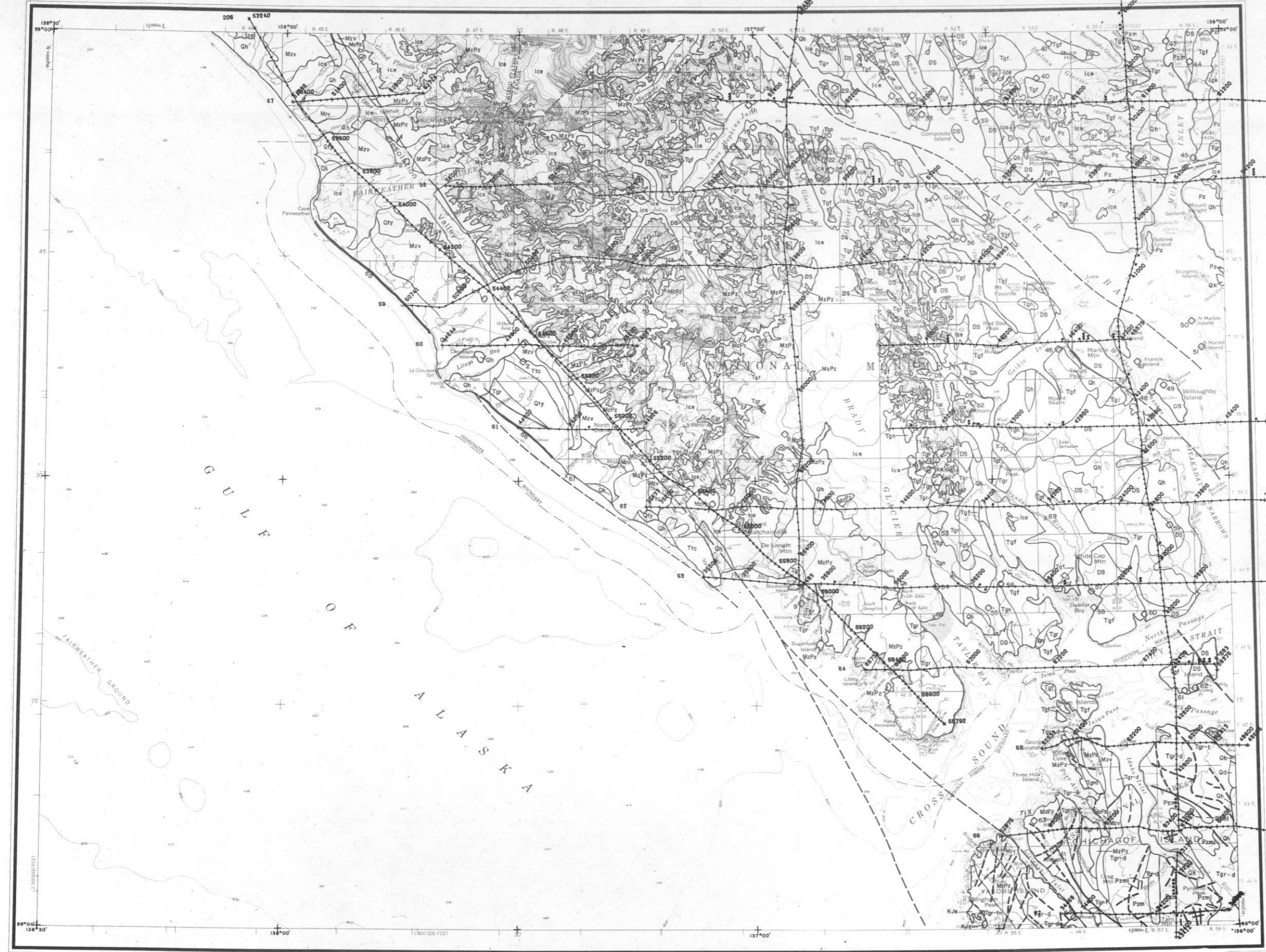
PLUTONIC AND HYPABYSSAL ROCK

- TERTIARY**
 - Tg TERTIARY GRANITIC ROCK
 - Tgr TERTIARY ROCK GENERALLY OF GRANODIORITIC TO TONALITIC COMPOSITION. SPECIFICALLY, Tgr-1 IS TERTIARY TONALITE, Tgr-d IS TERTIARY DIORITE, Tgr-th IS TERTIARY TONALITE ASSOCIATED WITH NORITE
- TERTIARY CRETACEOUS**
 - TKg TERTIARY AND CRETACEOUS GRANITIC ROCK GENERALLY EQUIVALENT TO Gd AT SKAGWAY
 - Qd QUARTZ DIORITE (TONALITE) CRETACEOUS TO TERTIARY IN AGE, COMPOSITIONALLY EQUIVALENT TO Tgr-1 OF MT. FAIRWEATHER
- MESOZOIC**
 - Kg CRETACEOUS AND JURASSIC GRANITIC ROCK IN SKAGWAY, GENERALLY EQUIVALENT TO d, g, AND Tgr COMPOSITION
 - Kum CRETACEOUS PYROXENITE
- NO AGE SPECIFIED**
 - GrOm GRANITE AND QUARTZ MONZONITE, NO AGE SPECIFIED
 - g GRANODIORITE, NO AGE SPECIFIED. TKg AND Kg OF TAKU RIVER ARE GENERALLY EQUIVALENT
 - d DIORITE AND QUARTZ DIORITE, NO AGE SPECIFIED COMPOSITION GENERALLY EQUIVALENT TO Tgr-d IN MT. FAIRWEATHER
 - G GABBRO

METAMORPHIC ROCKS

- TERTIARY**
 - Tgn TERTIARY GNEISSIC ROCKS
 - Tgf FOLIATED ROCK OF GRANODIORITIC TO TONALITIC COMPOSITION, GENERALLY EQUIVALENT TO Kg OF SKAGWAY
- CRETACEOUS**
 - MzPzv METAMORPHOSED LAVAS OF G COMPOSITION
 - Mzg PERMIAN TO CRETACEOUS GREENSHIST AND AMPHIBOLITE
- PALEOZOIC**
 - Pzml PALEOZOIC MARBLE AND LIMESTONE
 - Pzm PALEOZOIC METAMORPHICS, GENERALLY EQUIVALENT TO MzPz COMPOSITION

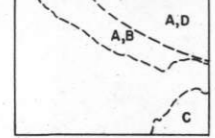
- - - CONTACT, DASHED WHERE INFERRED OR CONCEALED
- - - FAULT, DASHED WHERE INFERRED OR CONCEALED
- 19, X 20, □ 40, 145 METALLIC MINERAL OCCURRENCE IDENTIFIED IN REPORT.
- SOURCE U.S.G.S. PUBLICATIONS MF 407, 424, 435, 436
- ICE - [ice symbol]; WATER - [water symbol]; UNMAPPED AREAS - [unmapped symbol]



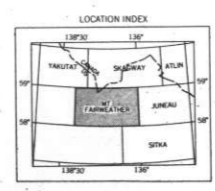
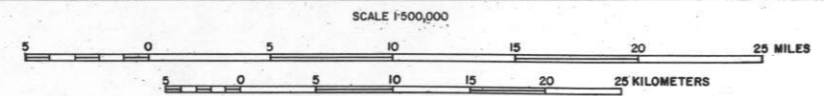
BASE MAP SOURCE: PUBLISHED N.T.M.S. 1:250,000

EXPLANATION
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GEOLOGIC SOURCE INDEX



USGS PUB. A. (MF-673) 1:1,000,000
 B. (I-484) 1:500,000
 C. (I-388) 1:250,000
 D. (AOF-47) 1:250,000

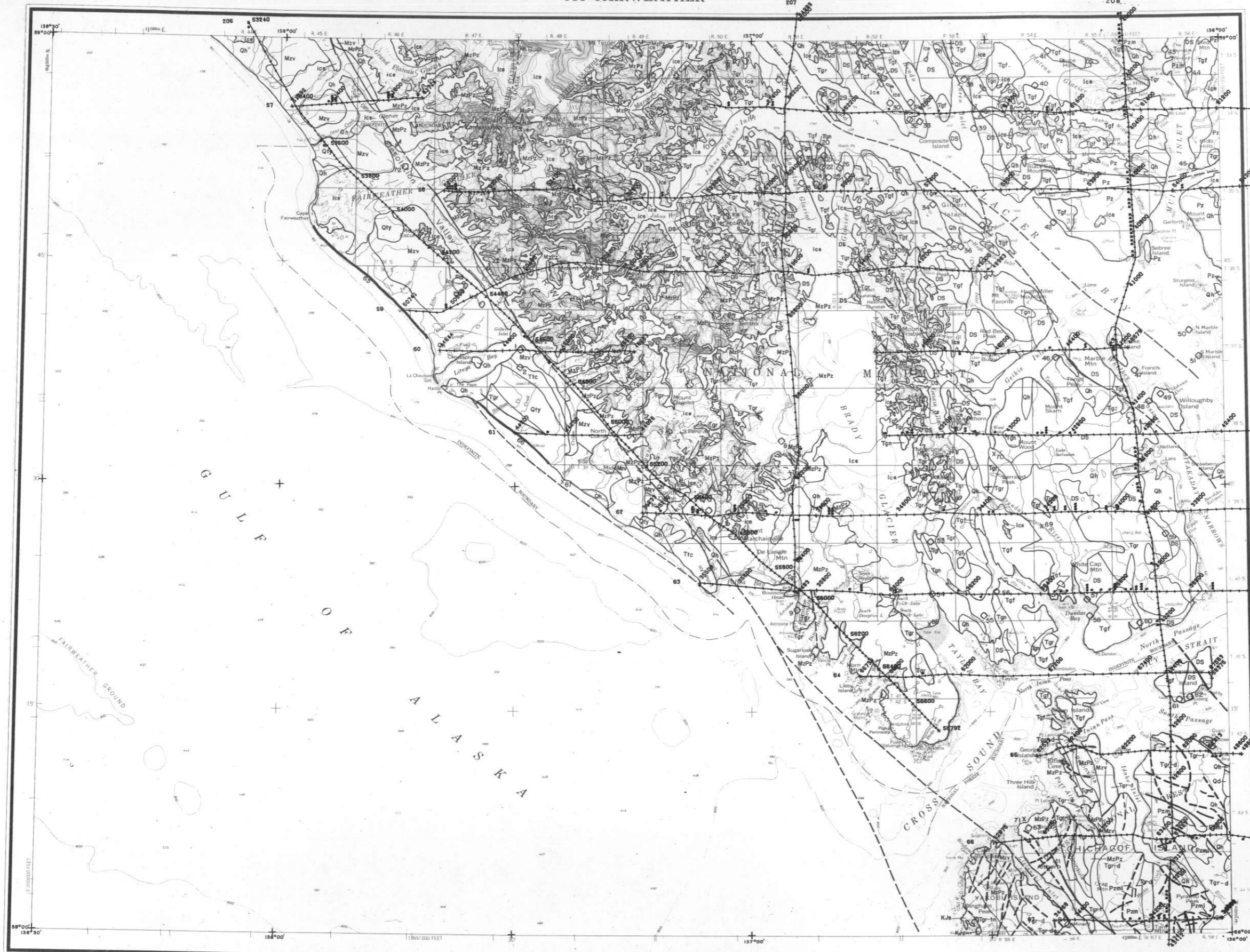


NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
ANOMALY MAP - URANIUM/POTASSIUM
 1976-1978
 BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
 PREPARED FOR
 DEPARTMENT OF ENERGY

MT. FAIRWEATHER

207

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- LEGEND**
- STRATIFIED SEDIMENTARY AND VOLCANIC ROCKS MAINLY MARINE, IN PART METAMORPHOSED**
- QUATERNARY**
 - Qh PLEISTOCENE TO HOLOCENE SURFICIAL SEDIMENTARY DEPOSITS
 - TERTIARY**
 - Qty MIDDLE MIOCENE TO LOWER PLEISTOCENE ROCK
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 - TERTIARY & CRETACEOUS**
 - TKg TERTIARY AND CRETACEOUS GRANITIC ROCK. GENERALLY EQUIVALENT TO Qd AT SKAGWAY
 - Qd QUARTZ DIORITE (TONALITE) CRETACEOUS TO TERTIARY IN AGE, COMPOSITIONALLY EQUIVALENT TO Tgr-1 OF MT. FAIRWEATHER
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 - GrQm GRANITE AND QUARTZ MONZONITE, NO AGE SPECIFIED
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 - d DIORITE AND QUARTZ DIORITE, NO AGE SPECIFIED. COMPOSITION GENERALLY EQUIVALENT TO Tgr-d IN MT. FAIRWEATHER
 - G GABBRO
 - METAMORPHIC ROCKS**
 - TERTIARY**
 - Tgn TERTIARY GNEISSIC ROCKS
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 - MESOZOIC & PALEOZOIC**
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 - CONTACT, DASHED WHERE INFERRED OR CONCEALED
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 - ICE - [ice symbol]; WATER - [water symbol]; UNMAPPED AREAS - [unmapped symbol]

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

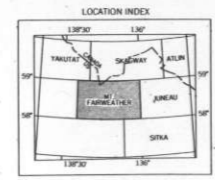
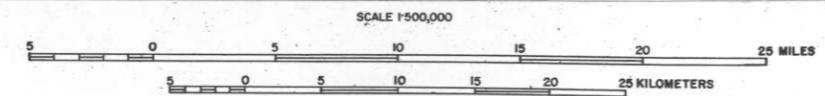
EXPLANATION

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.

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USGS PUB. A. (MF-673) 1:1,000,000
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 C. (I-388) 1:250,000
 D. (ADF-471) 1:250,000



NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY

MT. FAIRWEATHER, ALASKA

ANOMALY MAP - THORIUM/POTASSIUM

1976-1978

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

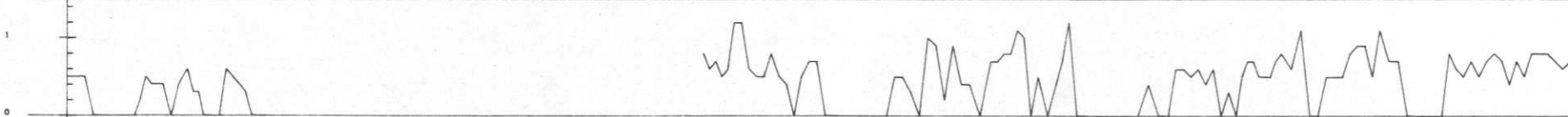
PREPARED FOR DEPARTMENT OF ENERGY



TI / K
0.20 / DIV



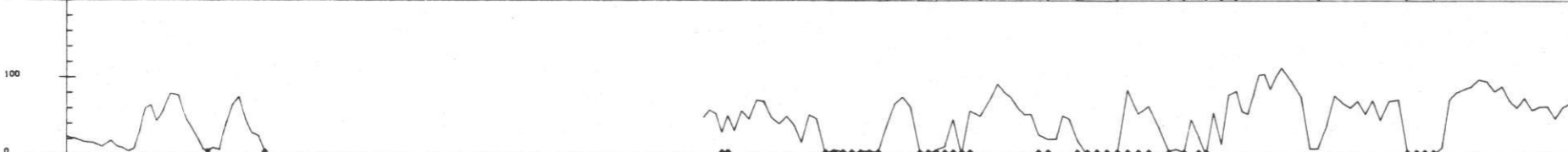
BI / TL
0.20 / DIV



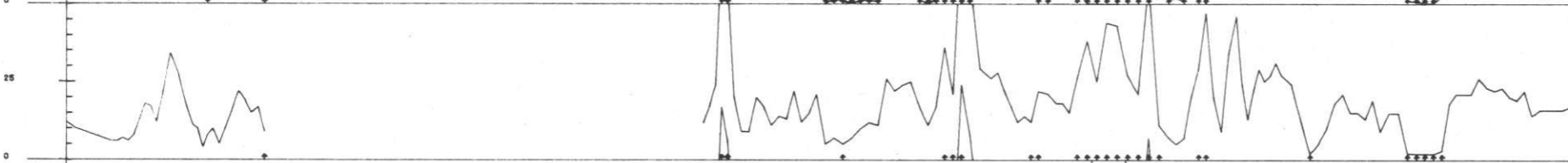
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0.20 / DIV



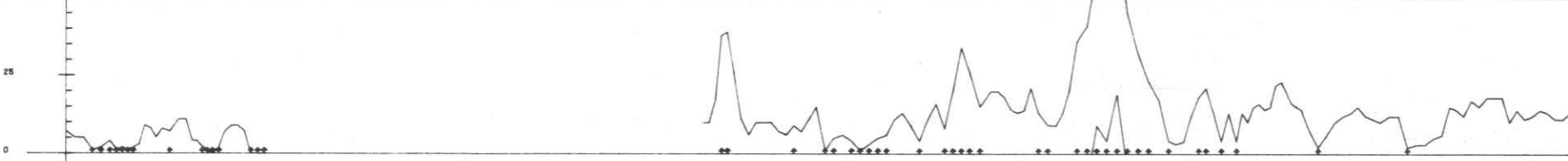
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20 C/S / DIV



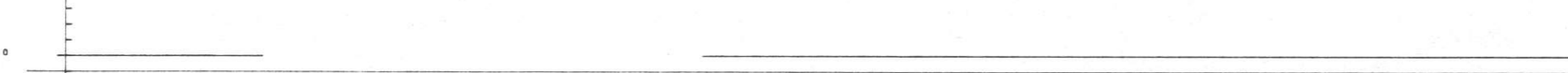
TL
5 C/S / DIV



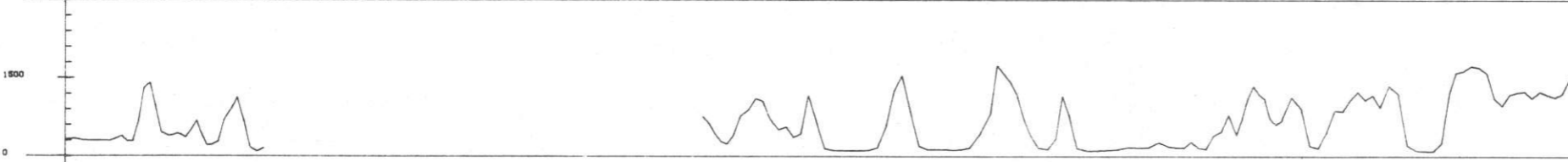
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5 C/S / DIV



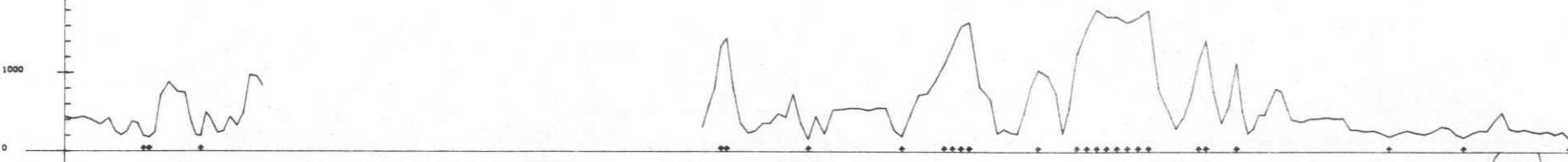
BI COR
5.00 / DIV



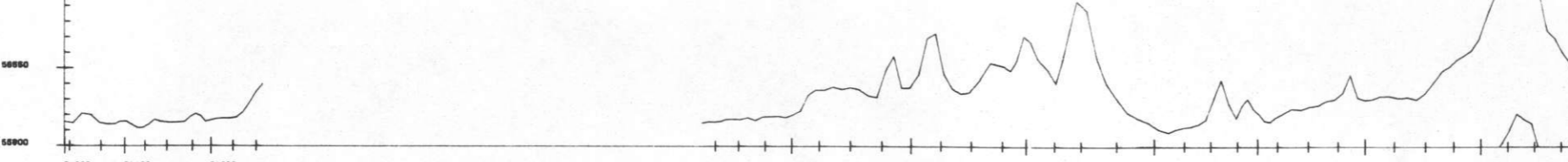
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300 C/S / DIV



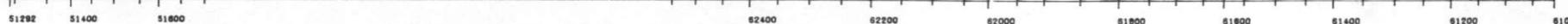
ALT
200 FT / DIV



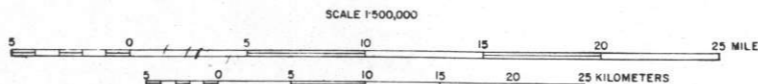
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180 GAMS / DIV



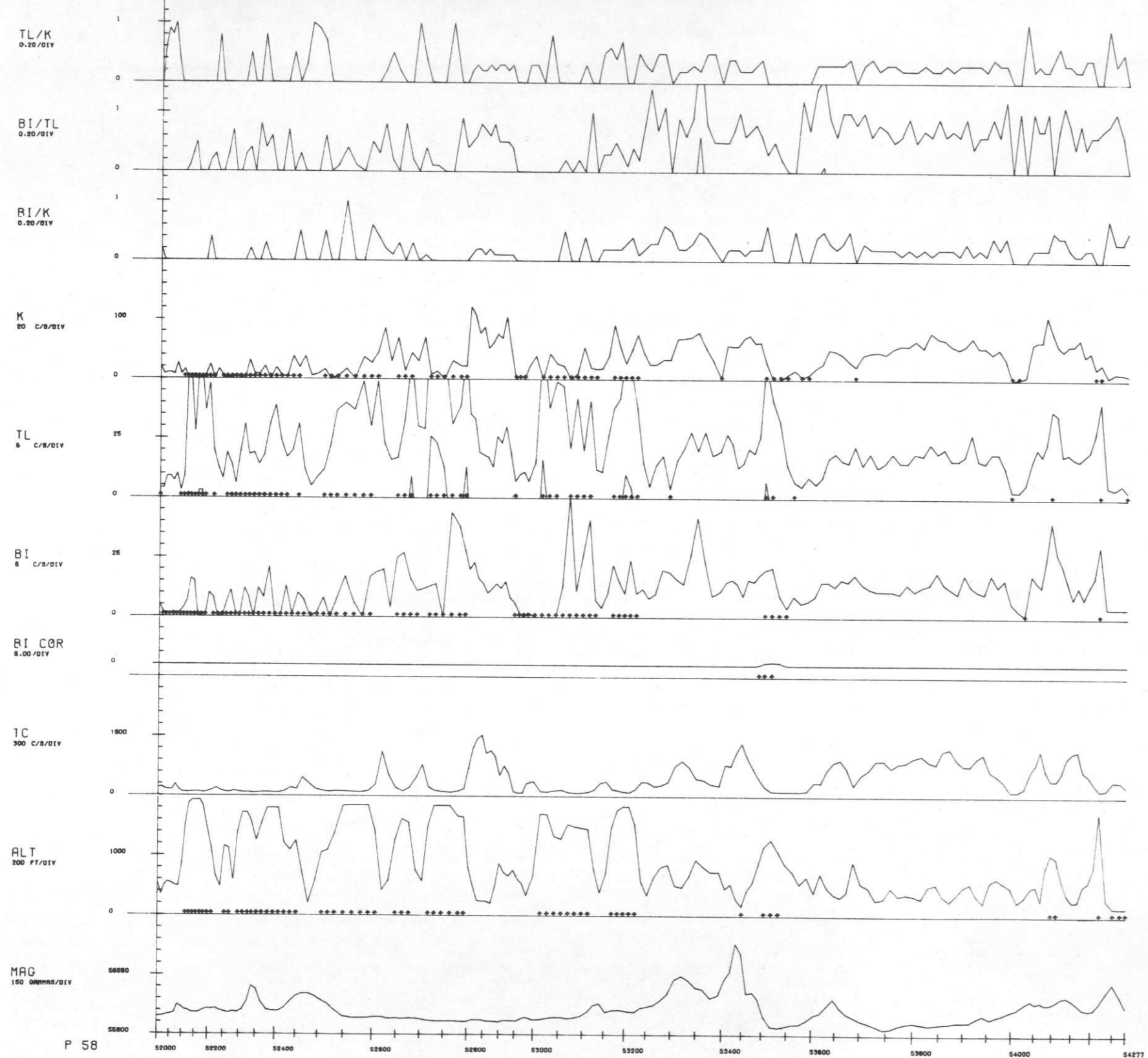
P 57



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

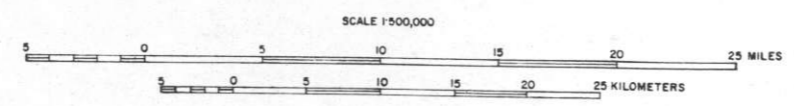


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



P 58

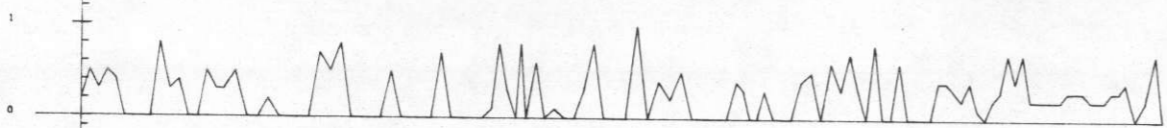
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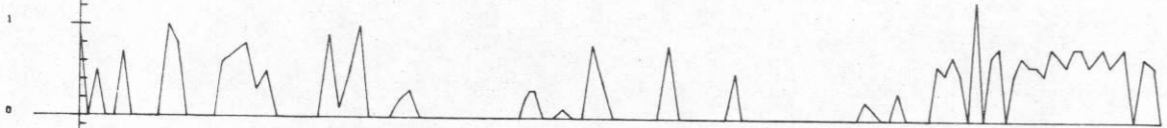
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MT. FAIRWEATHER, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
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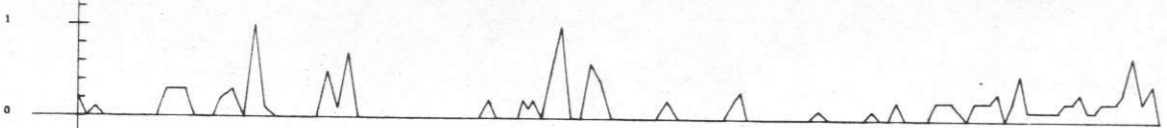
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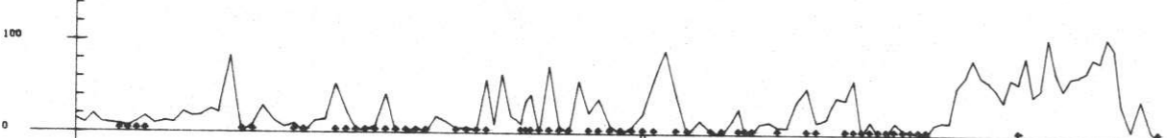
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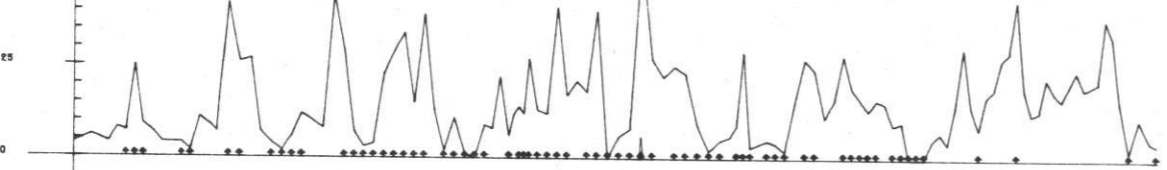
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0.20/DIV



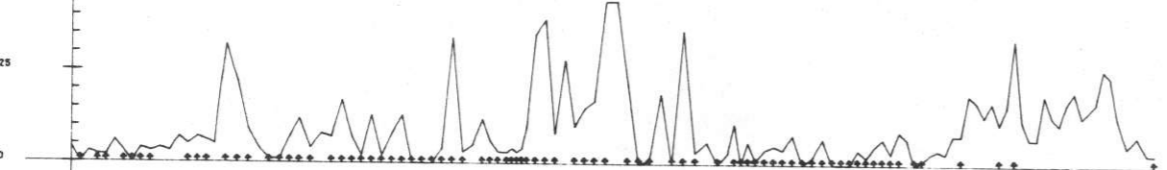
K
20 C/S/DIV



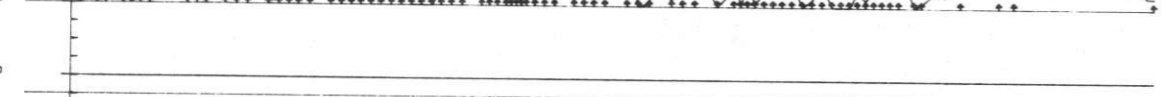
TL
5 C/S/DIV



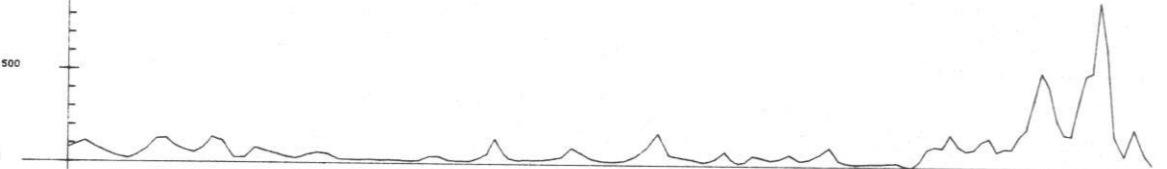
BI
5 C/S/DIV



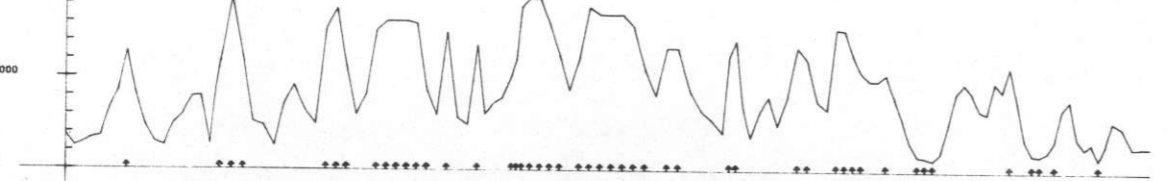
BI COR
5.00/DIV



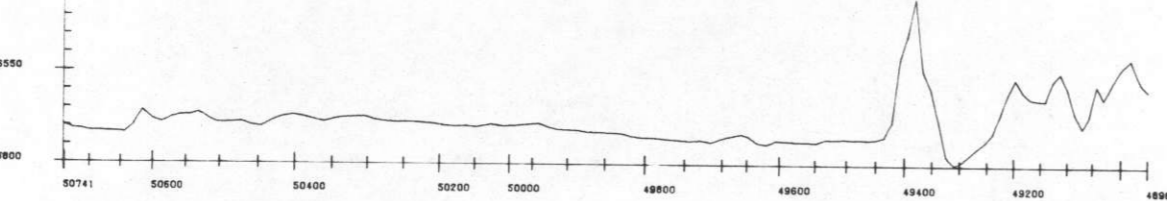
TC
500 C/S/DIV



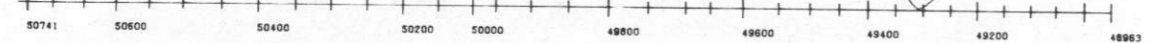
ALT
200 FT/DIV



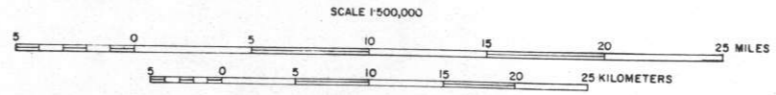
MAG
150 GAMMAS/DIV



P 59



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



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

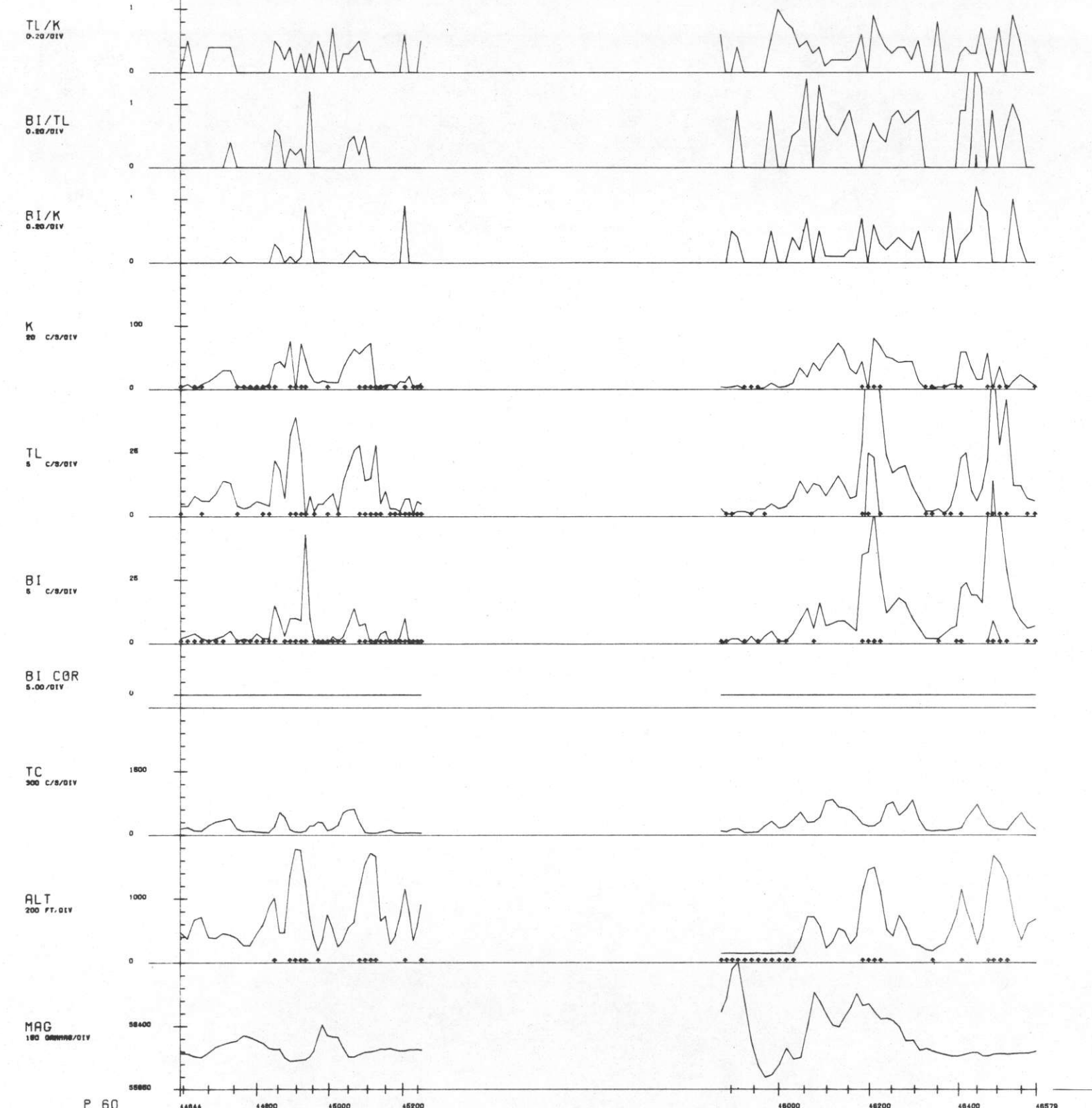
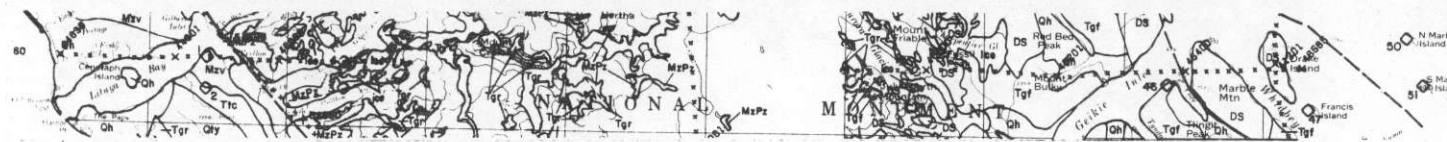
MT. FAIRWEATHER, ALASKA

RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

1976-1978

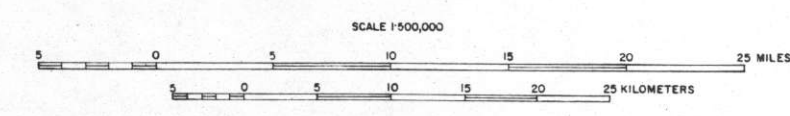
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA 19006

PREPARED FOR
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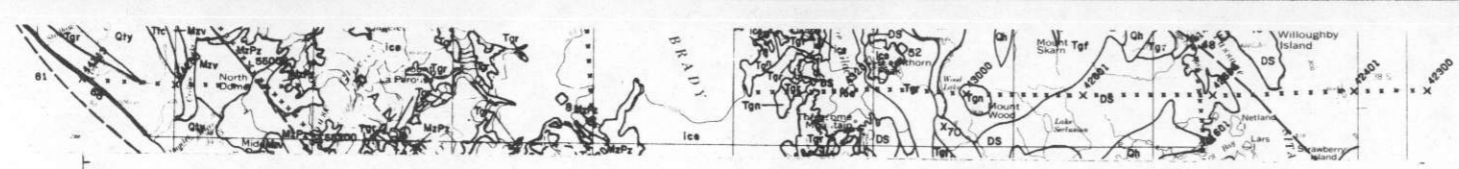


P 60

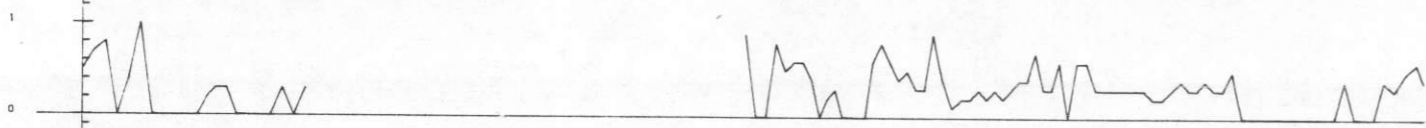
▲ FLAGGED SAMPLE VALUES OF
K, TL INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



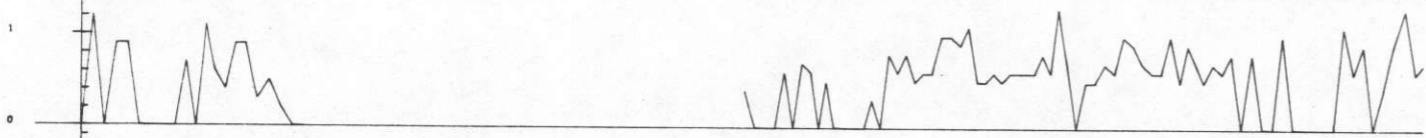
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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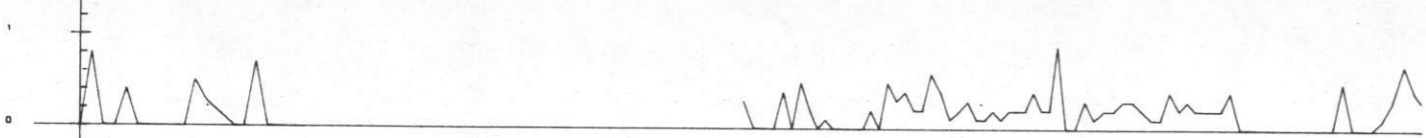
TL/K
0.20/DIV



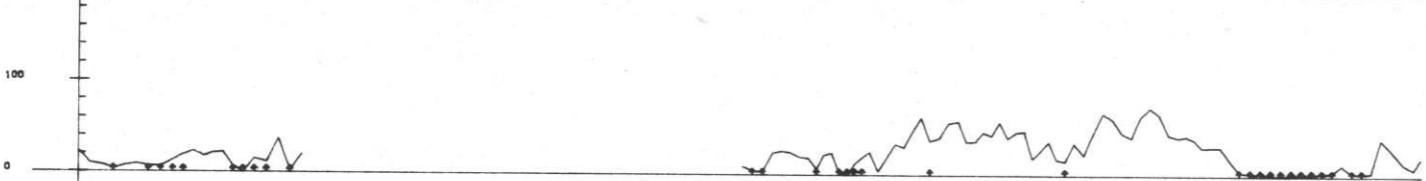
BI/TL
0.20/DIV



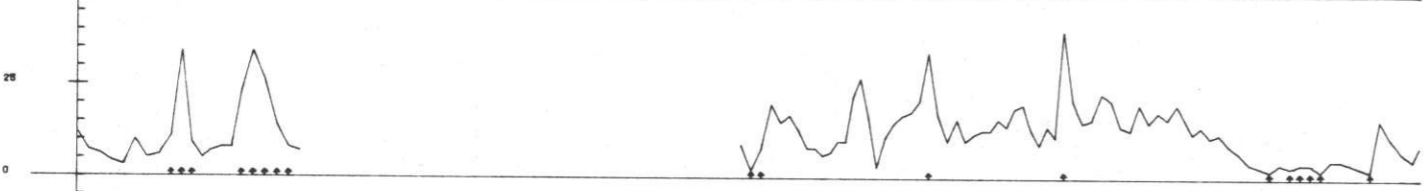
BI/K
0.20/DIV



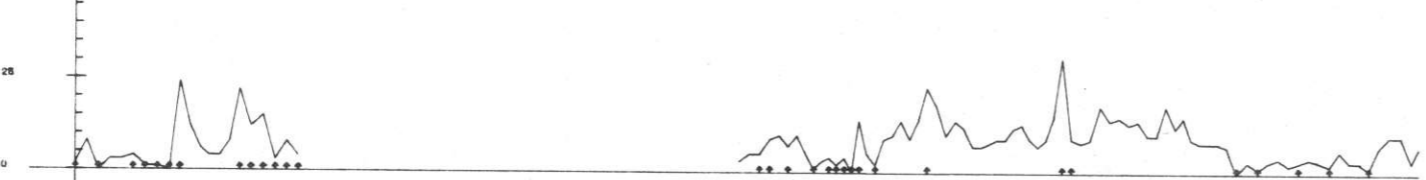
K
20 C/S/DIV



TL
5 C/S/DIV



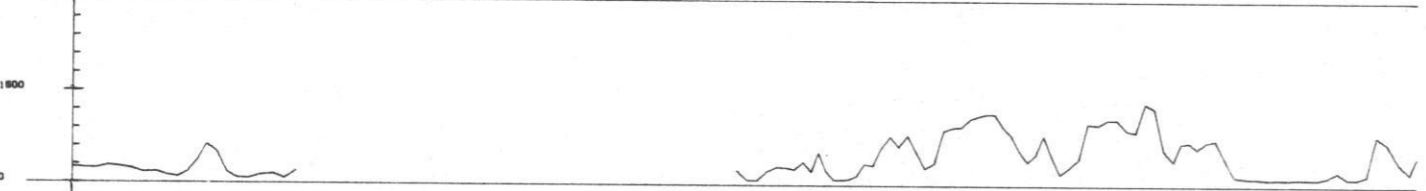
BI
5 C/S/DIV



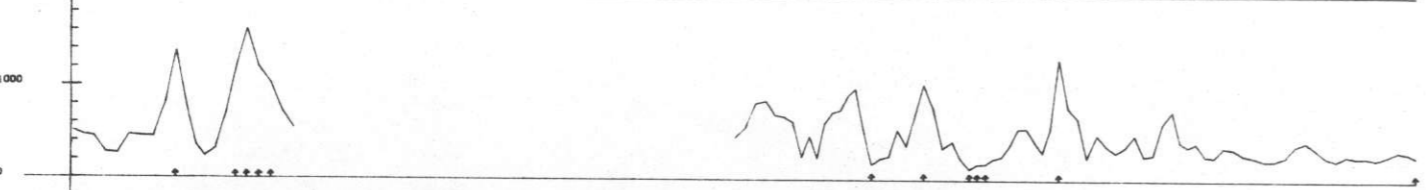
BI COR
5.00/DIV



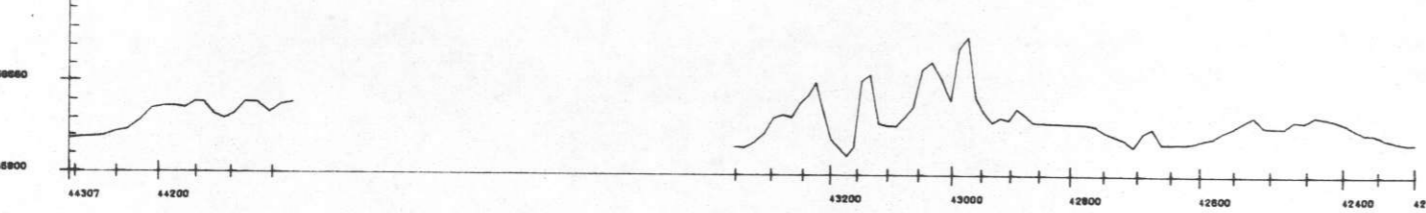
TC
200 C/S/DIV



RLT
200 FT/DIV

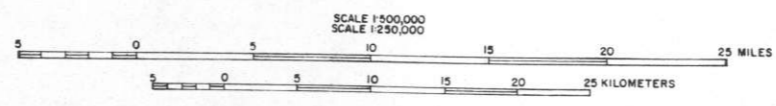


MAG
150 GAMMAS/DIV

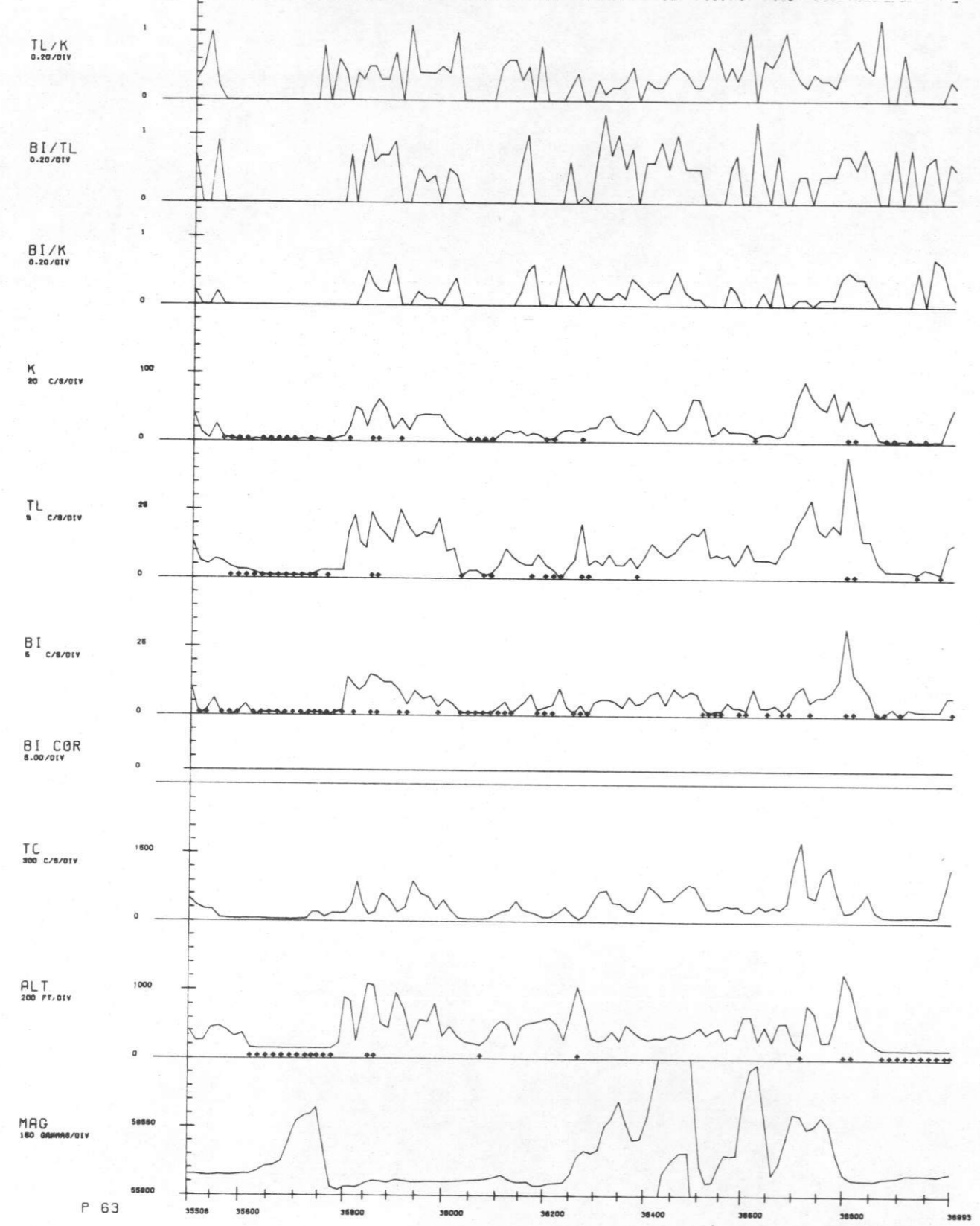
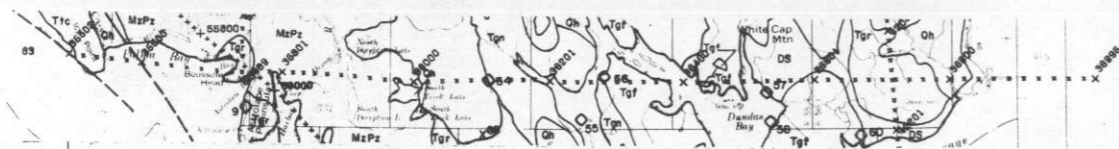


P 61

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

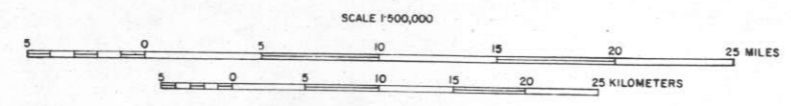


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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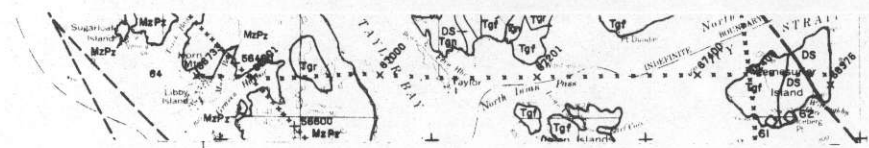


P 63

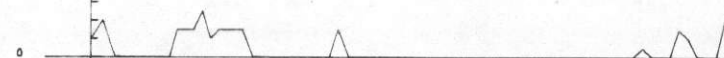
↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



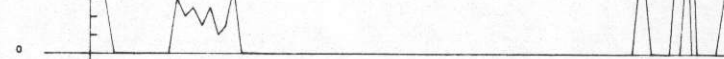
<p>NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY</p>
<p>MT. FAIRWEATHER, ALASKA</p> <p>RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES</p> <p>1976-1978</p>
<p>BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006</p>
<p>PREPARED FOR DEPARTMENT OF ENERGY</p>



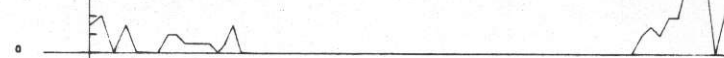
TL/K
0.20/DIV



BI/TL
0.20/DIV



BI/K
0.20/DIV



K
20 C/S/DIV



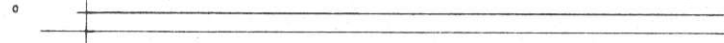
TL
5 C/S/DIV



BI
5 C/S/DIV



BI COR
5.00/DIV



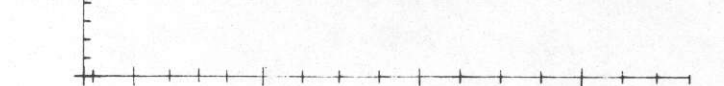
TC
300 C/S/DIV



ALT
200 FT/DIV



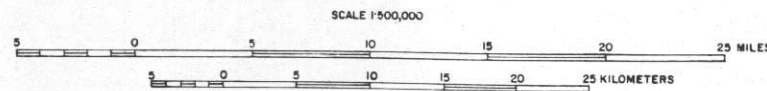
MAG
180 GAUSS/DIV



P 64



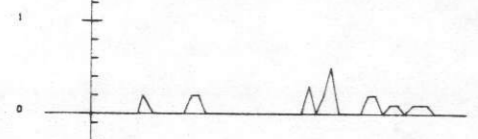
↑ FLAGGED SAMPLE VALUES OF K,U,T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



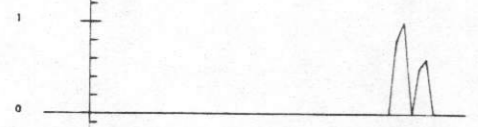
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
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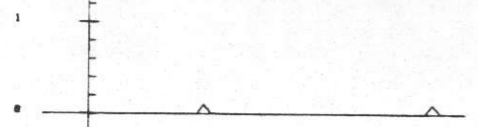
TL/K
0.20/DIV



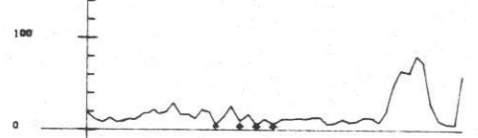
BI/TL
0.20/DIV



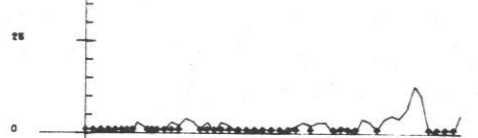
BI/K
0.20/DIV



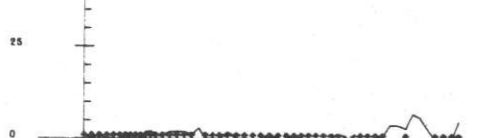
K
20 C/S/DIV



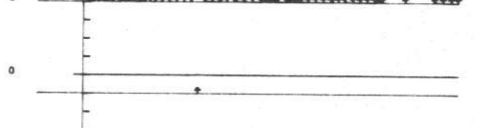
TL
5 C/S/DIV



BI
5 C/S/DIV



BI COR
5.00/DIV



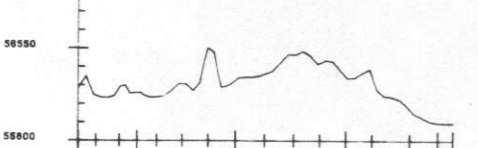
TC
300 C/S/DIV



ALT
500 FT/DIV

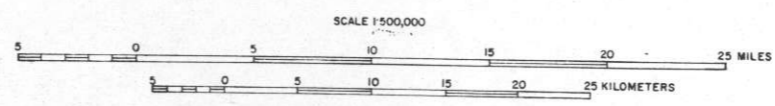


MAG
150 GAUSS/DIV

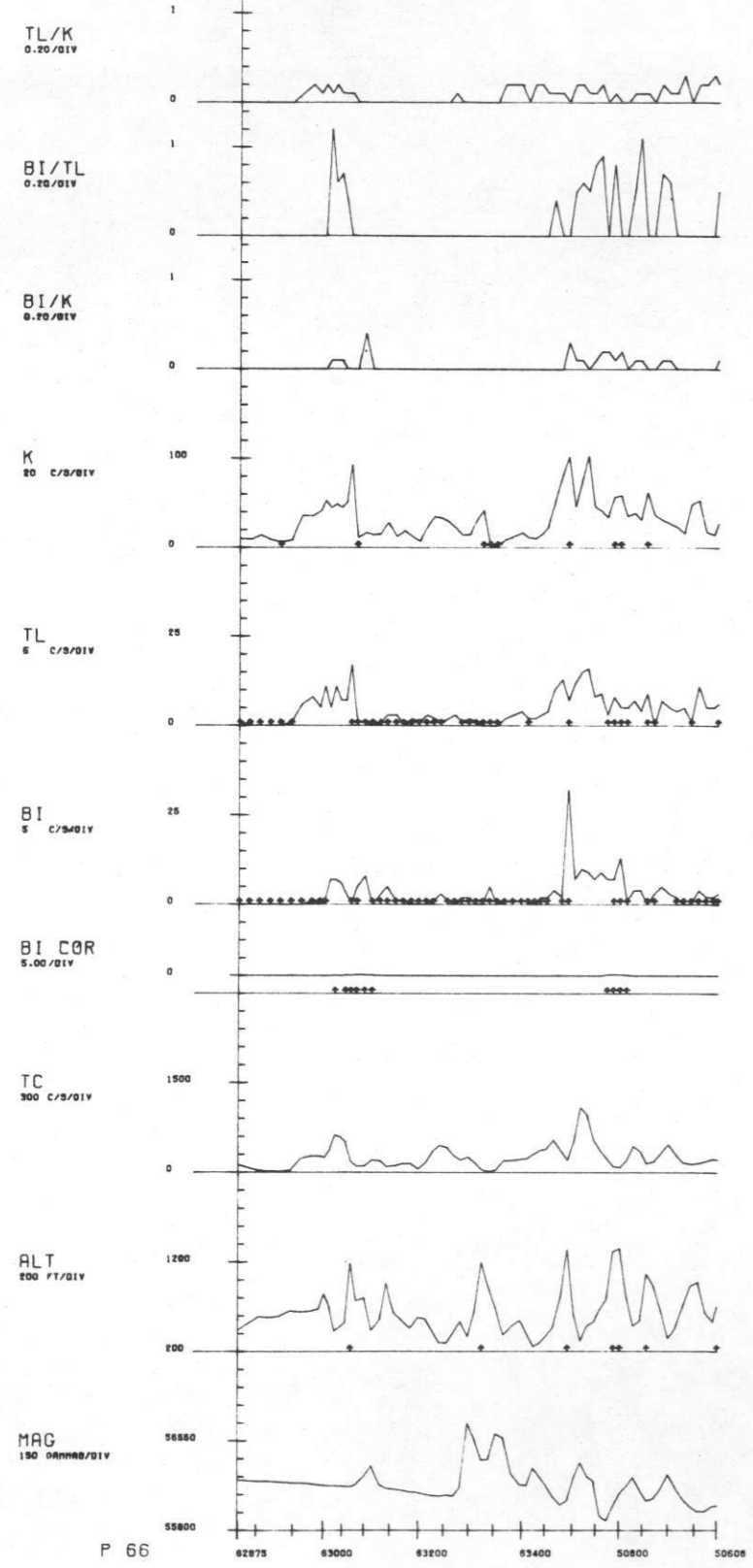


P 65

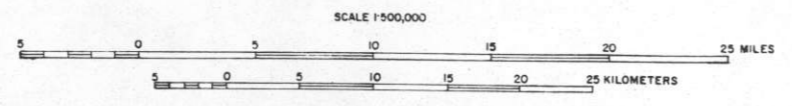
↑ FLAGGED SAMPLE VALUES OF
K, U, T INDICATES DATA FAILED -
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
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

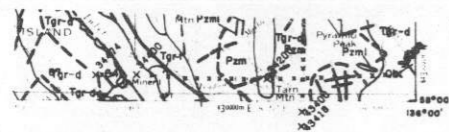
MT. FAIRWEATHER, ALASKA

RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES

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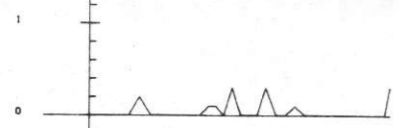
TL/K
0.20/DIV



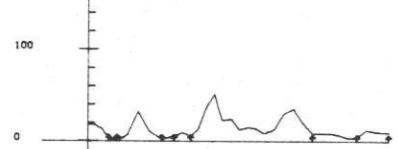
BI/TL
0.20/DIV



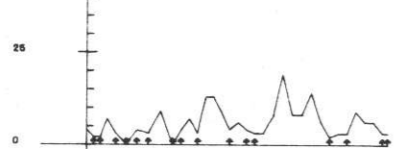
BI/K
0.20/DIV



K
20 C/S/DIV



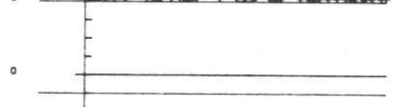
TL
5 C/S/DIV



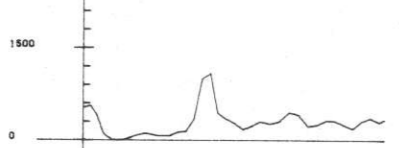
BI
5 C/S/DIV



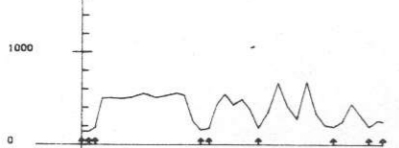
BI COR
5.00/DIV



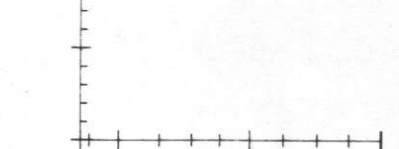
TC
500 C/S/DIV



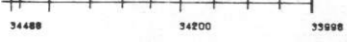
ALT
200 FT/DIV



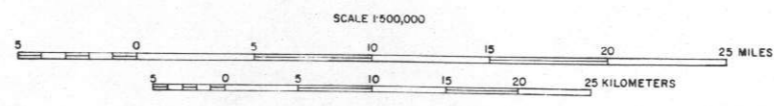
MAG
150 GAMMAS/DIV



P 67



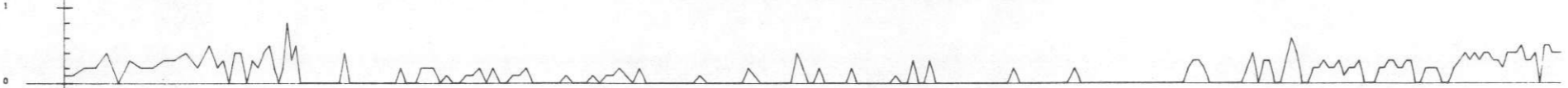
↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



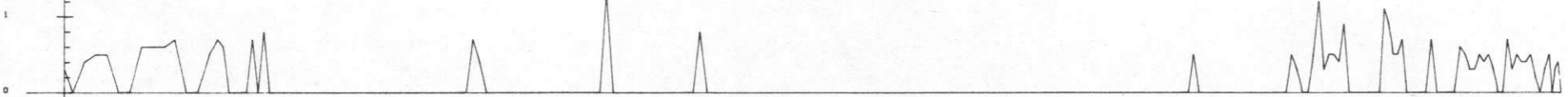
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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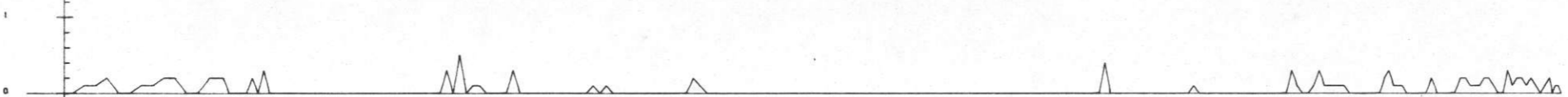
TL/K
0.20/DIV



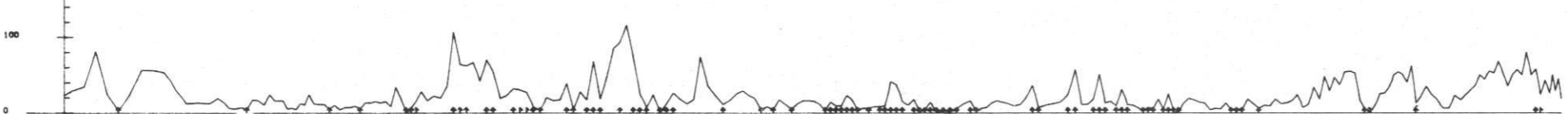
BI/TL
0.20/DIV



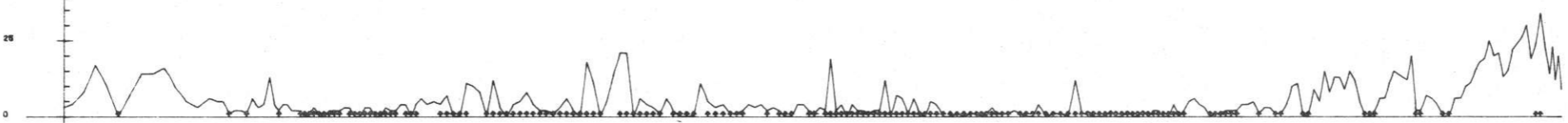
BI/K
0.20/DIV



K
20 C/S/DIV



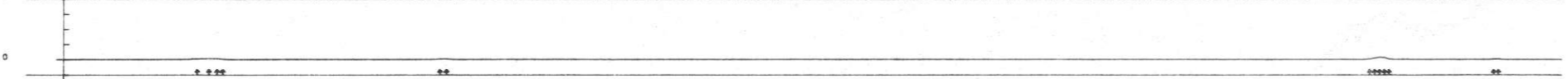
TL
5 C/S/DIV



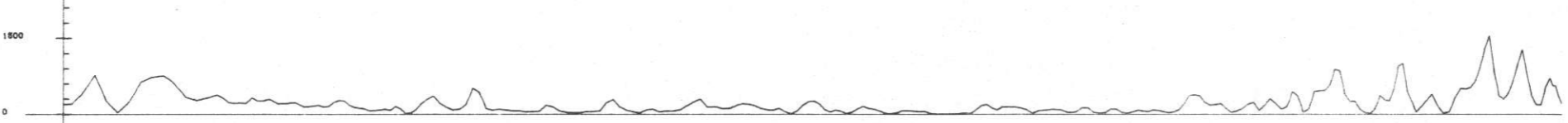
BI
5 C/S/DIV



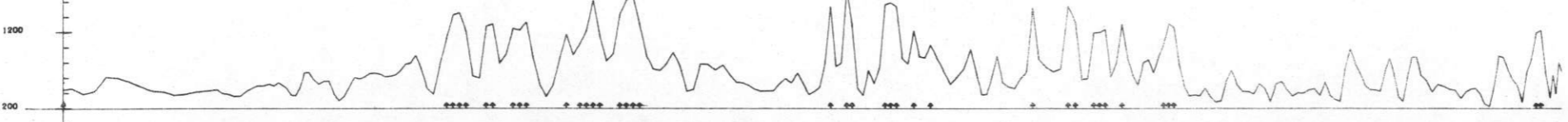
BI COR
5.00/DIV



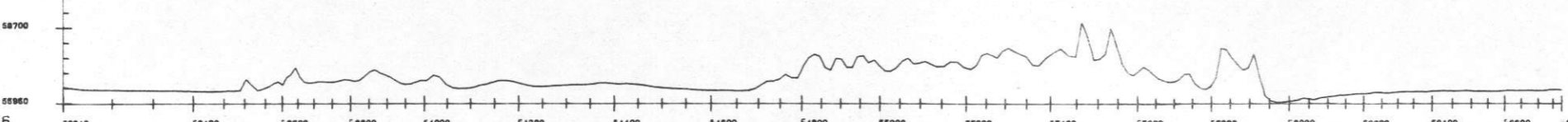
TC
300 C/S/DIV



ALT
200 FT/DIV

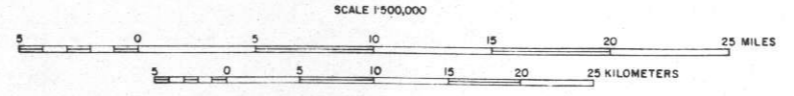


MAG
150 GAMMAS/DIV

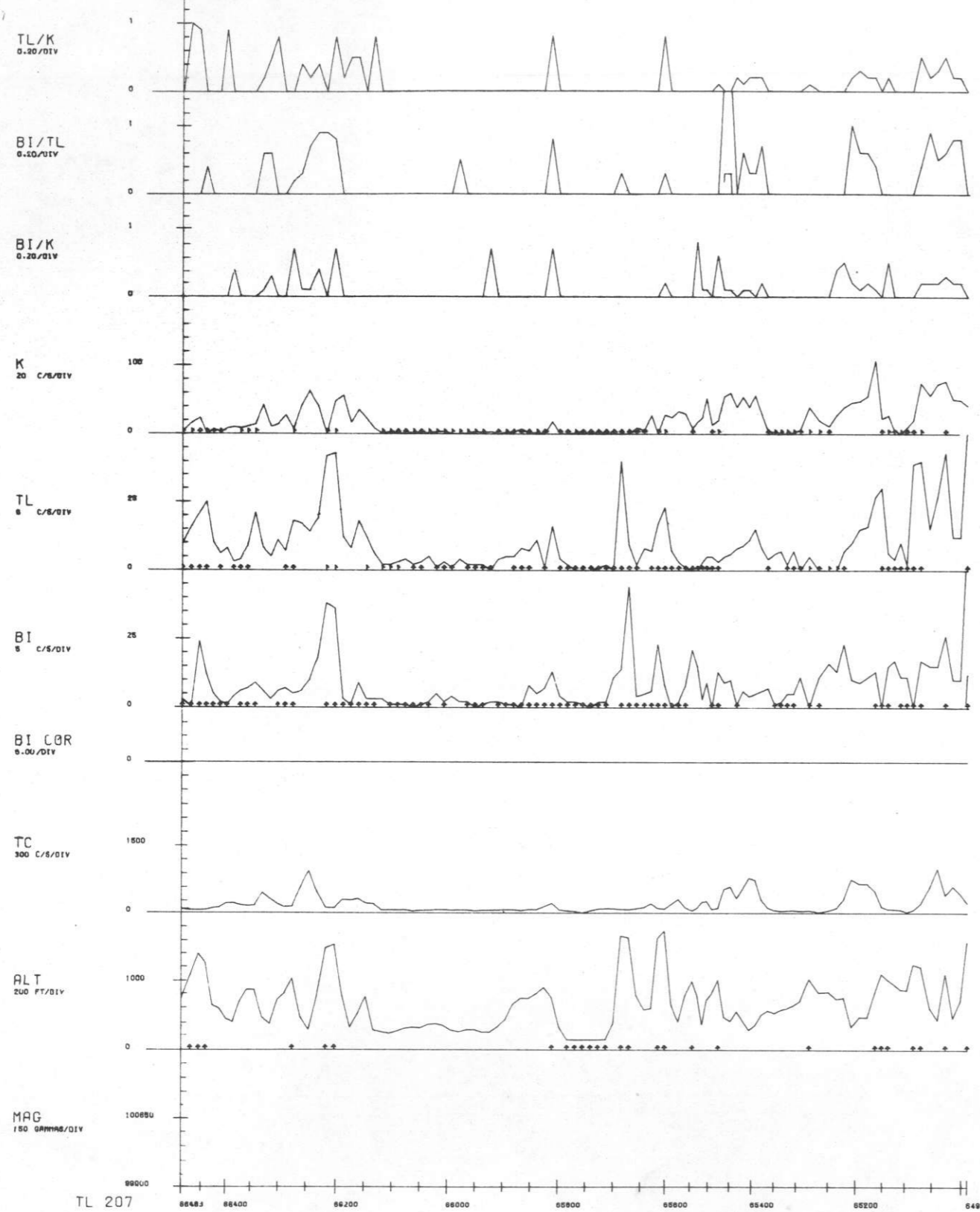
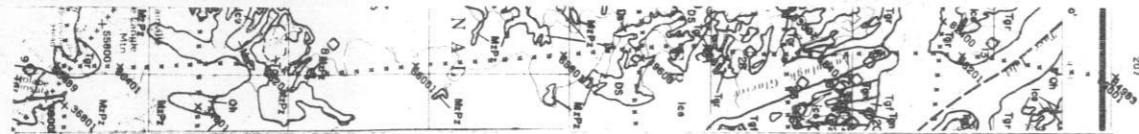


TL 206

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

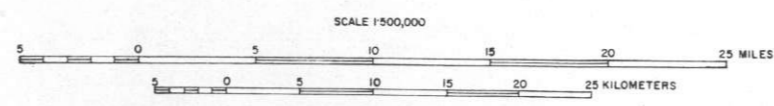


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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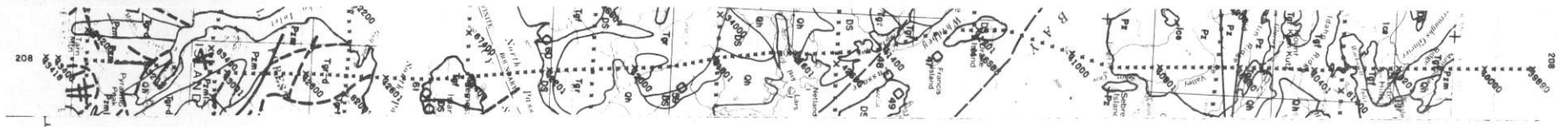


TL 207

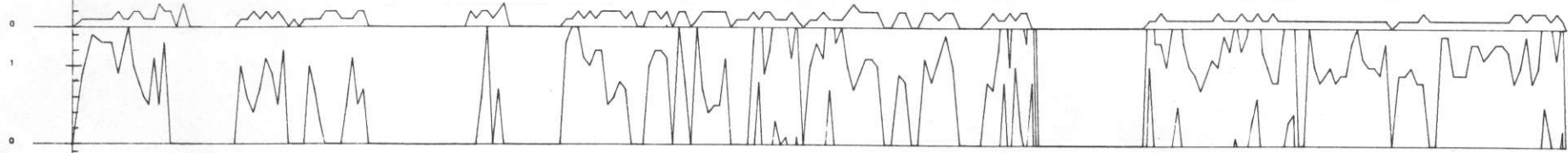
↑ FLAGGED SAMPLE VALUES OF
K,U,T INDICATES DATA FAILED
STATISTICAL ADEQUACY TEST



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
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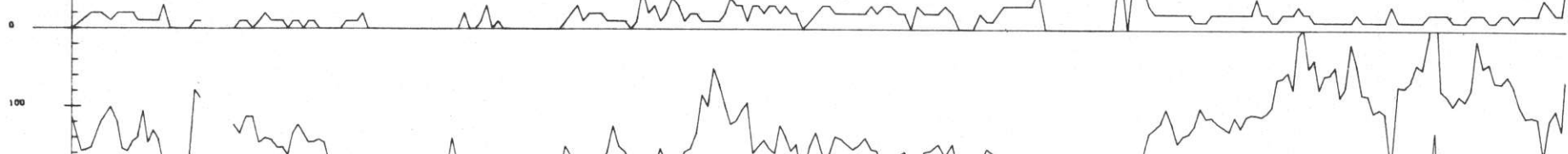
TL/K
0.20/DIV



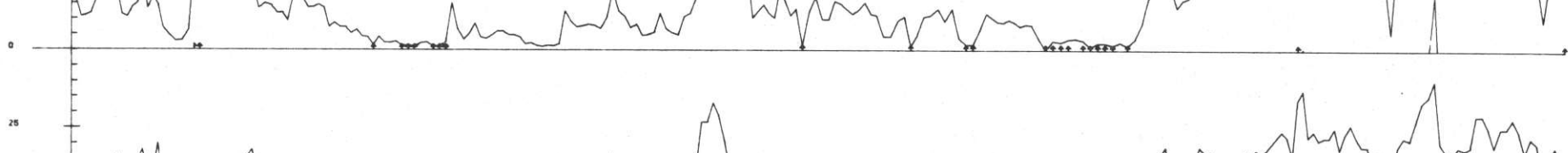
BI/TL
0.20/DIV



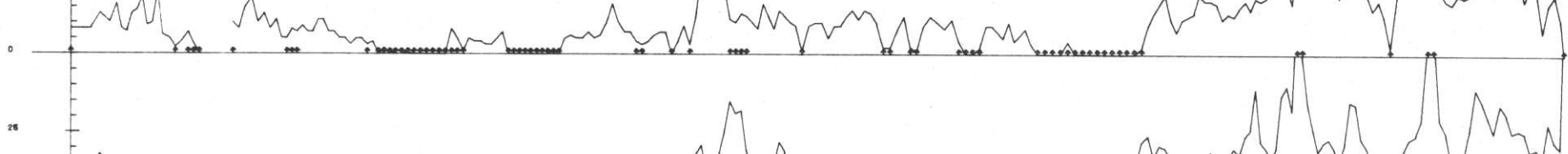
BI/K
0.20/DIV



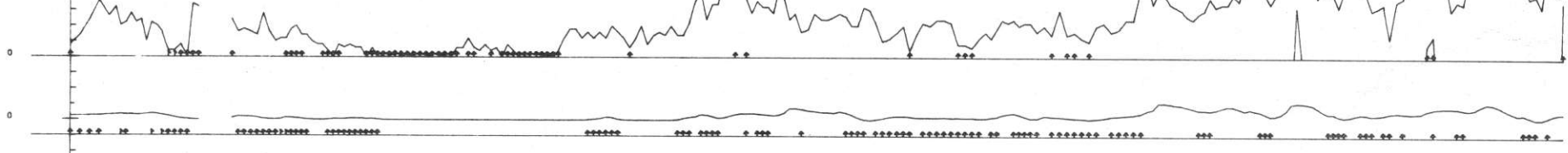
K
20 C/S/DIV



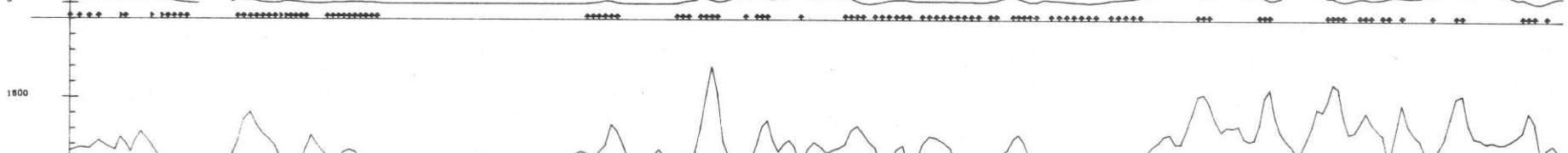
TL
5 C/S/DIV



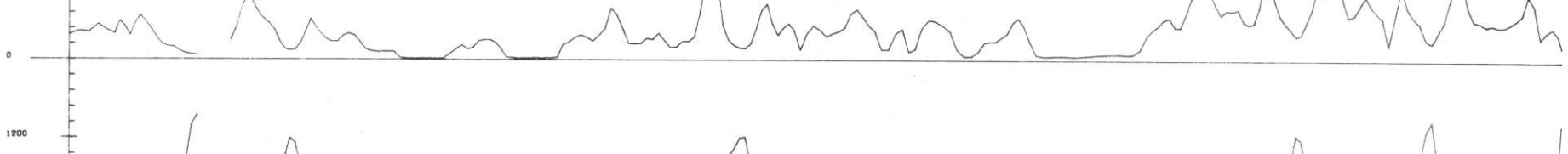
BI
5 C/S/DIV



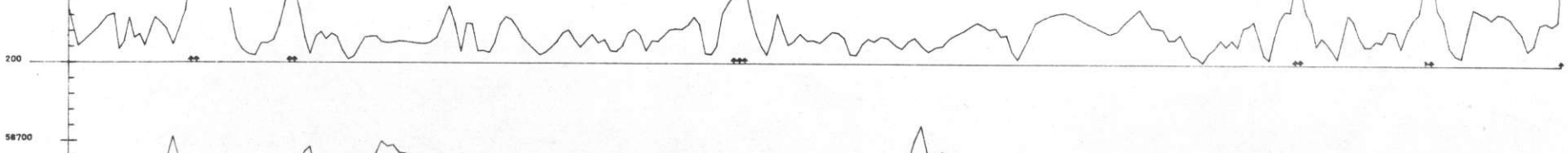
BI COR
5.00/DIV



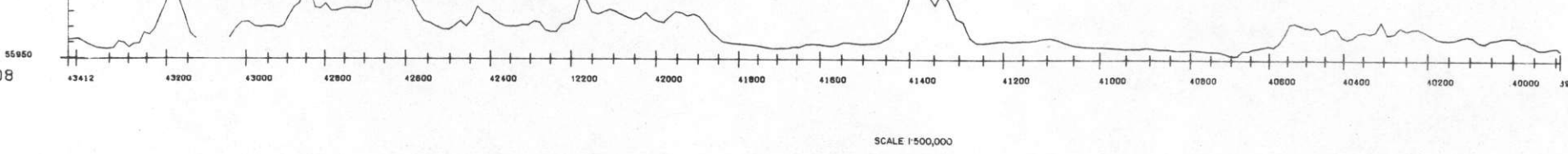
TC
300 C/S/DIV



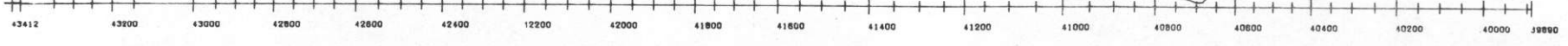
ALT
200 FT/DIV



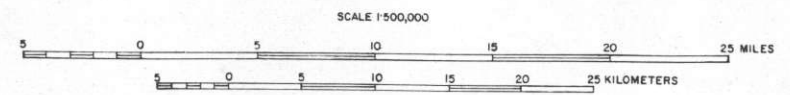
MAG
150 GAMMAS/DIV



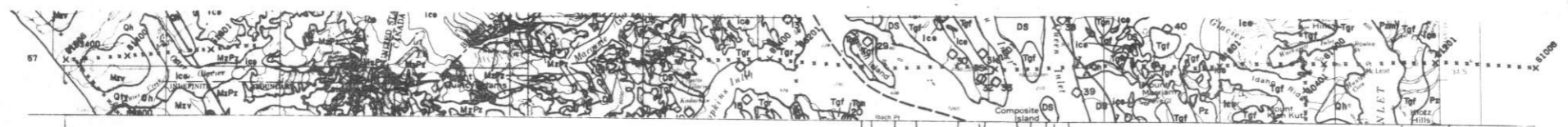
1L 208



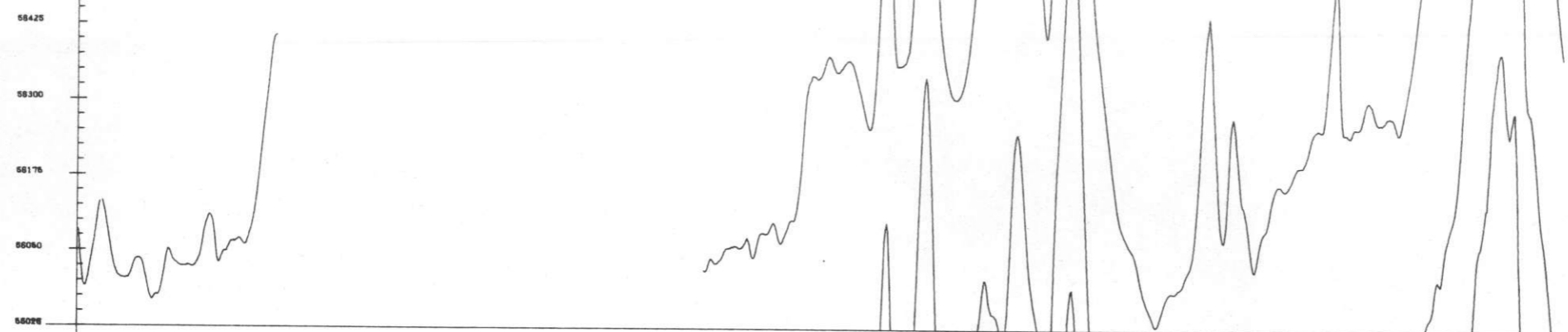
↑ FLAGGED SAMPLE VALUES OF K,U,T INDICATES DATA FAILED STATISTICAL ADEQUACY TEST



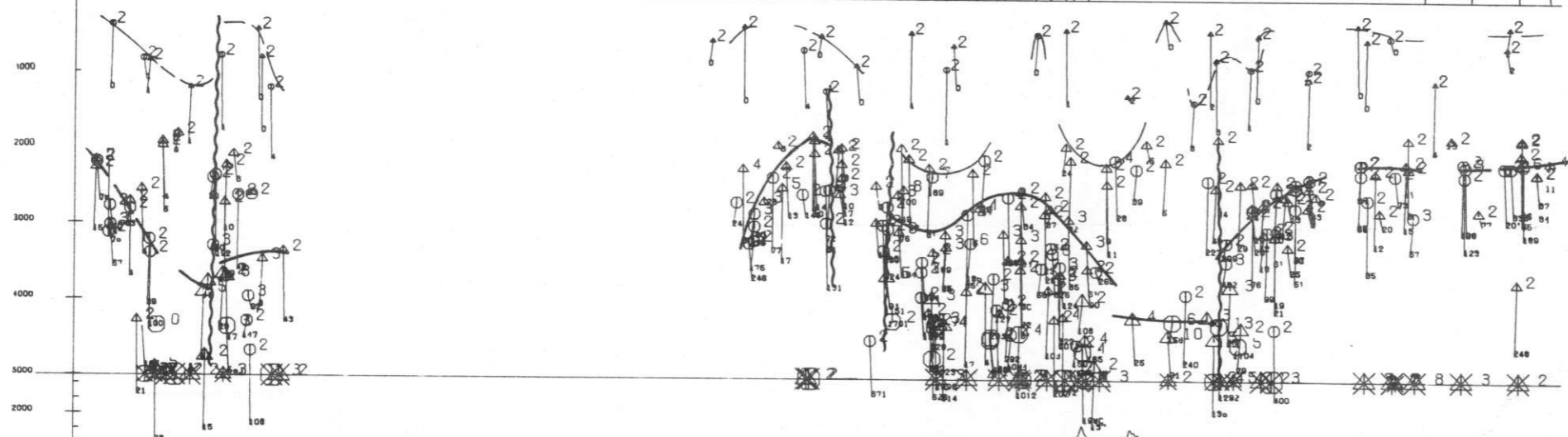
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
RADIOMETRIC MULTIPLE-PARAMETER STACKED PROFILES
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY



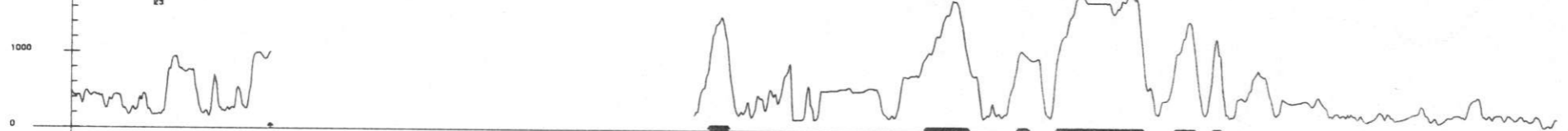
MAG
25 GNMS/DIV



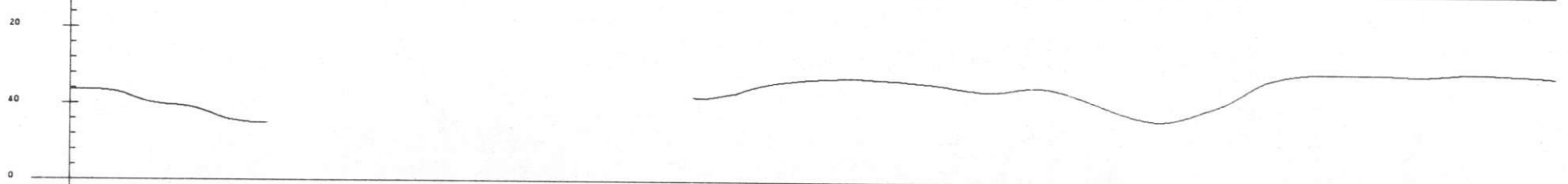
MAG SOURCE
DEPTH
1000 FT/DIV



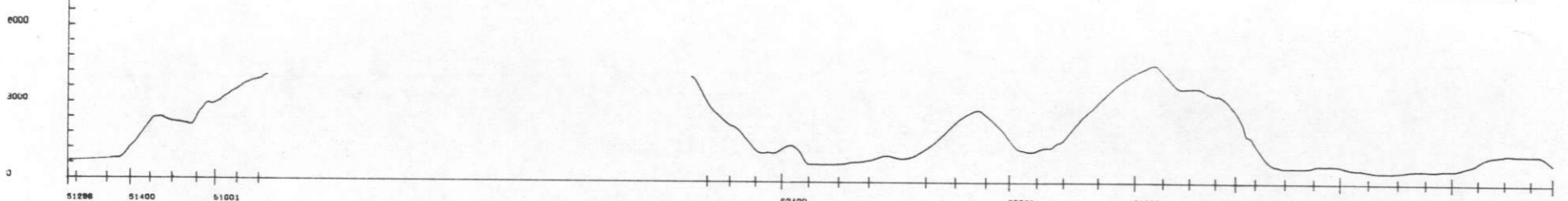
ALT
200 FT/DIV



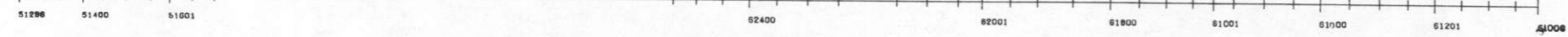
TEMP
2.00 DEGREES/DIV



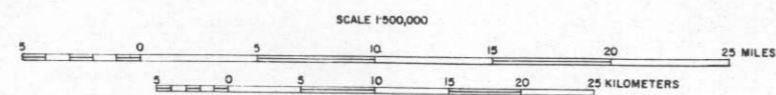
BAR ALT
0 FT/DIV



P 57



↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

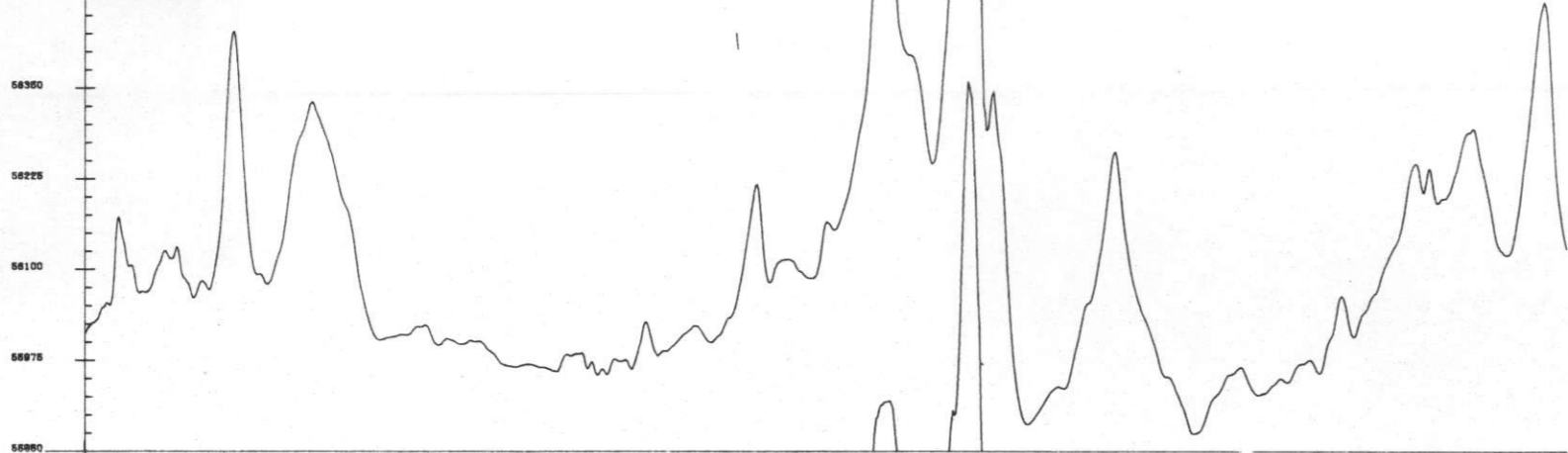
MT. FAIRWEATHER, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

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

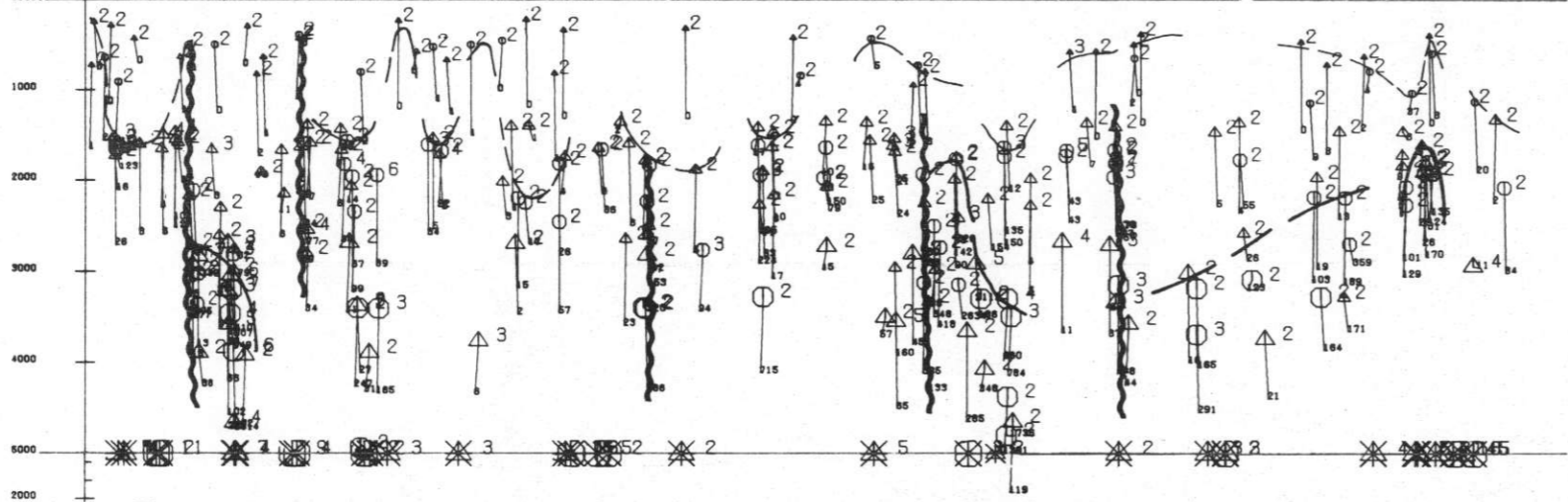
PREPARED FOR
DEPARTMENT OF ENERGY



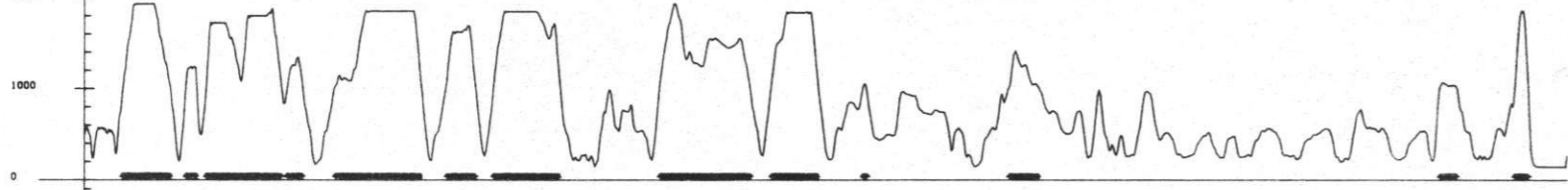
MAG
25 GAMMA/DIV



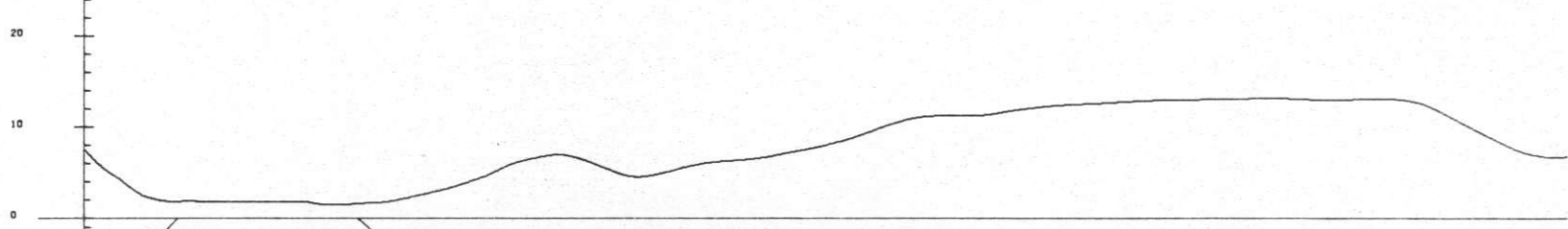
MAG SOURCE
DEPTH
1000 FT/DIV



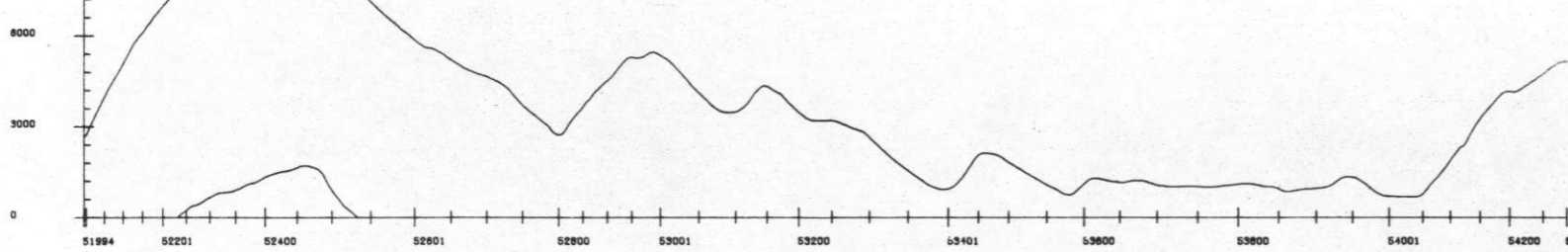
ALT
200 FT/DIV



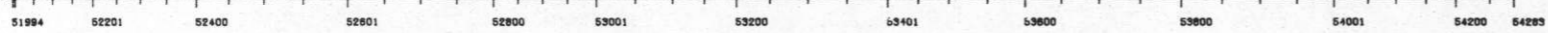
TEMP
2.00 DEGREES/DIV



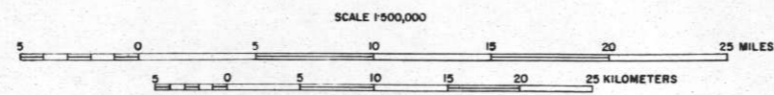
BAR ALT
800 FT/DIV



P 58



↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

MT. FAIRWEATHER, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

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

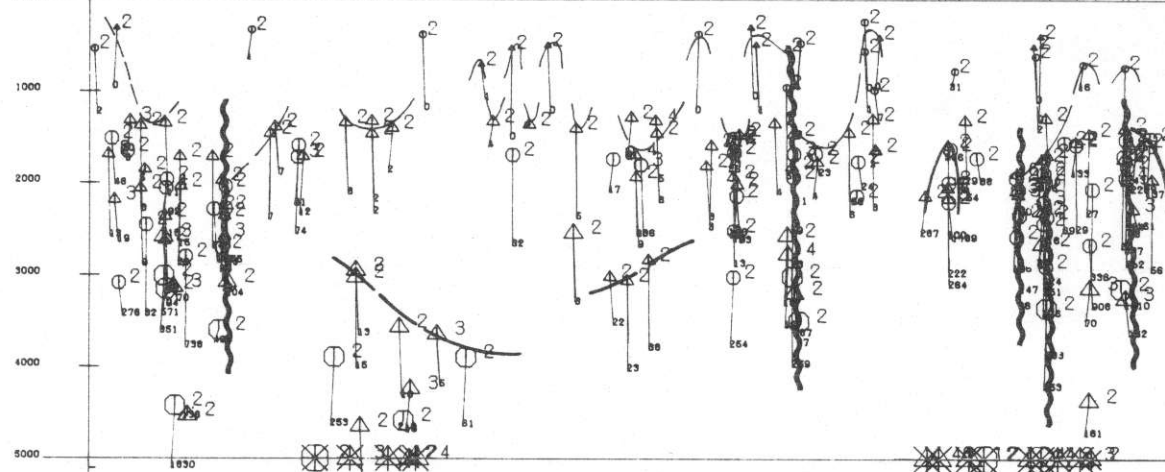
PREPARED FOR
DEPARTMENT OF ENERGY



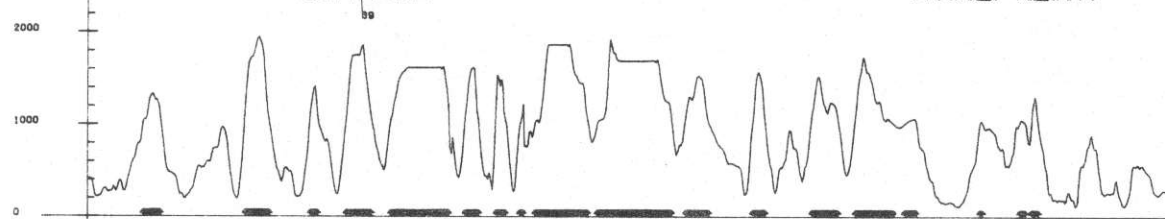
MAG
26 GAMMAS/DIV



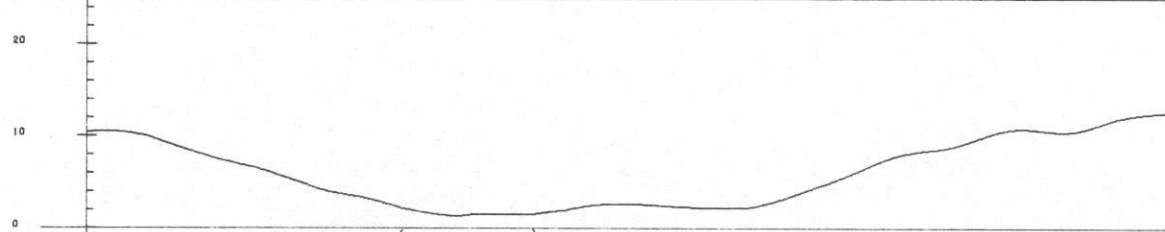
MAG SOURCE
DEPTH
1000 FT/DIV



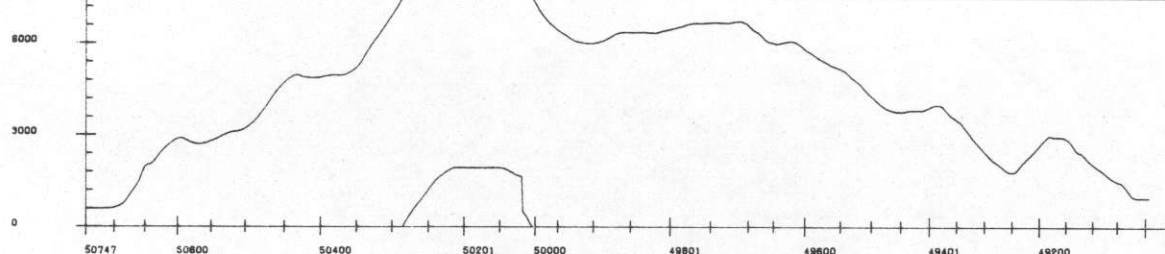
ALT
200 FT/DIV



TEMP
2.00 DEGREES/DIV

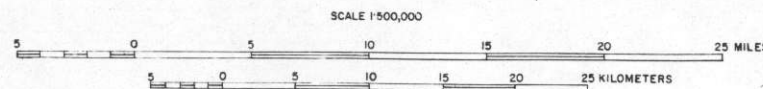


BAR ALT
600 FT/DIV

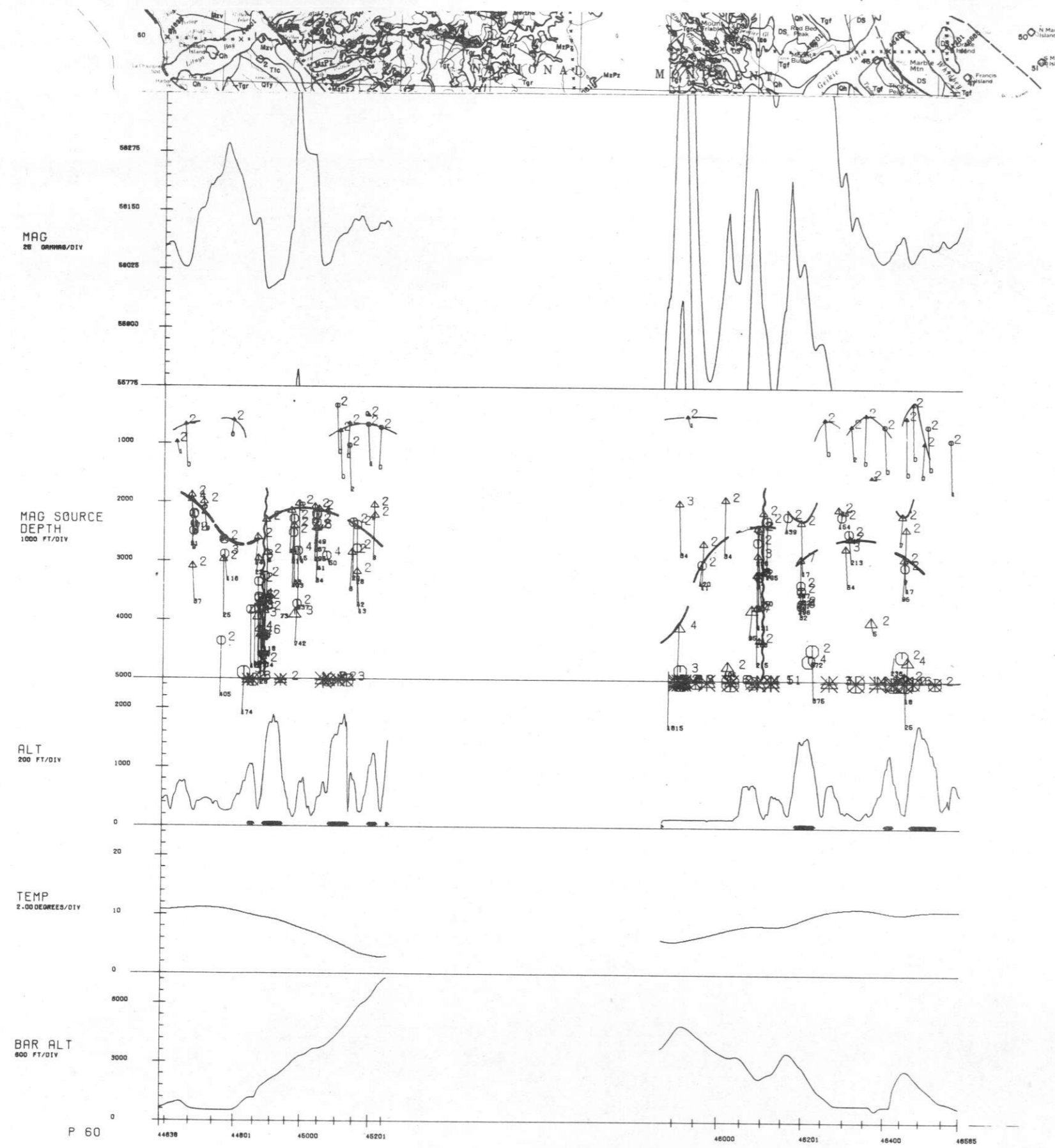


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↑ EXCEEDS ALTITUDE SPECIFICATIONS

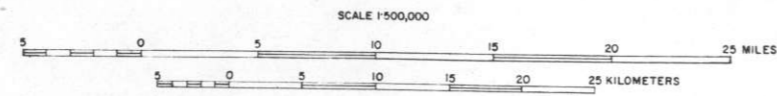


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
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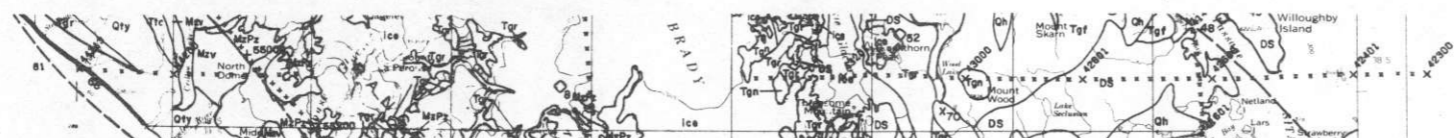


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↑ EXCEEDS ALTITUDE SPECIFICATIONS



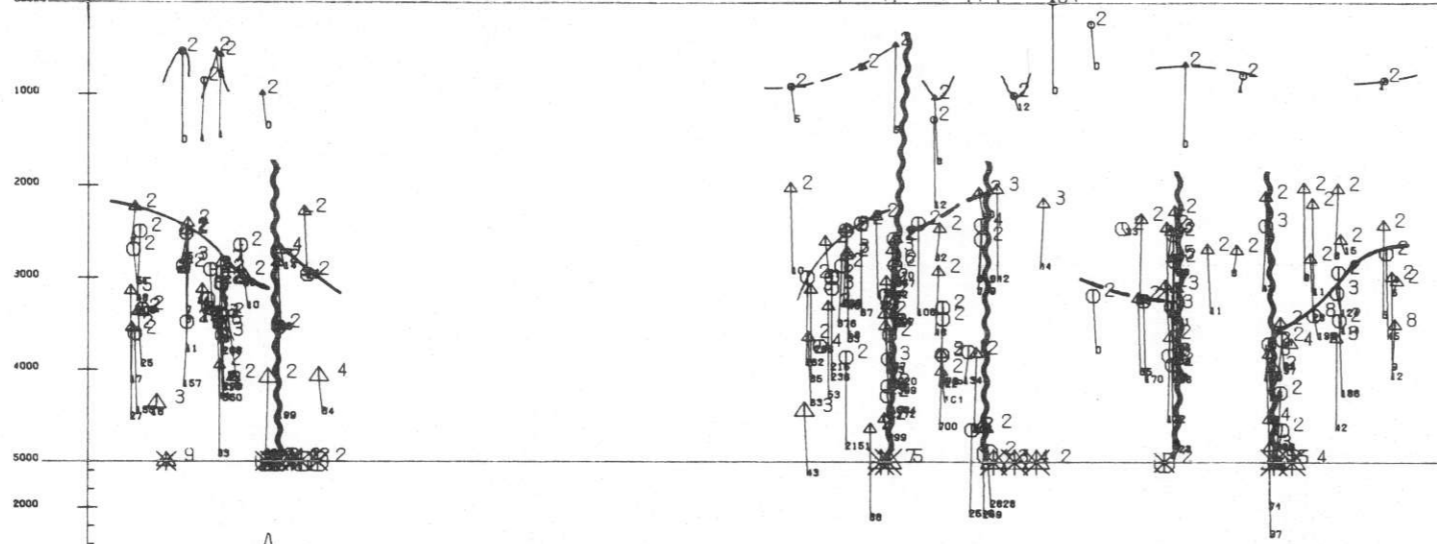
NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
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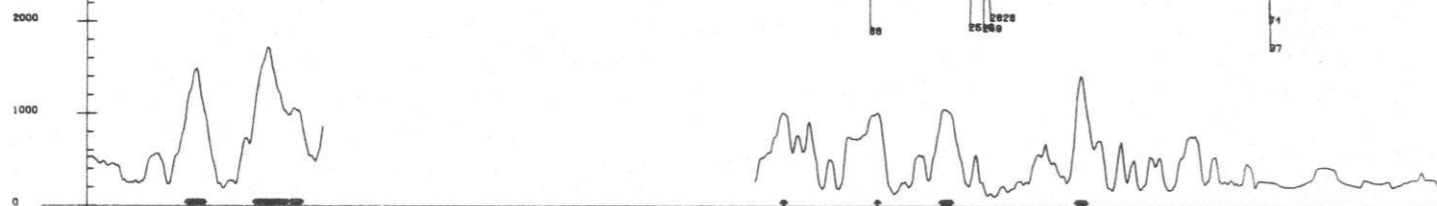
MAG
25 GANMAS/DIV



MAG SOURCE
DEPTH
1000 FT/DIV



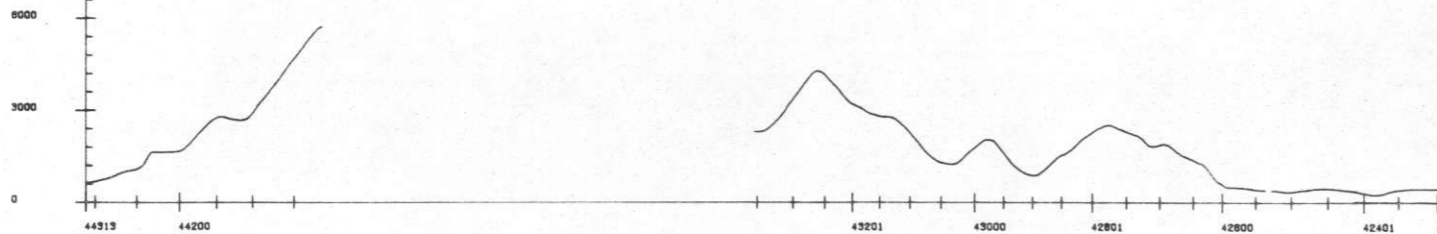
ALT
200 FT/DIV



TEMP
2.00 DEGREES/DIV

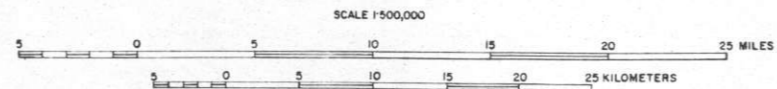


BAR ALT
600 FT/DIV



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↑ EXCEEDS ALTITUDE SPECIFICATIONS

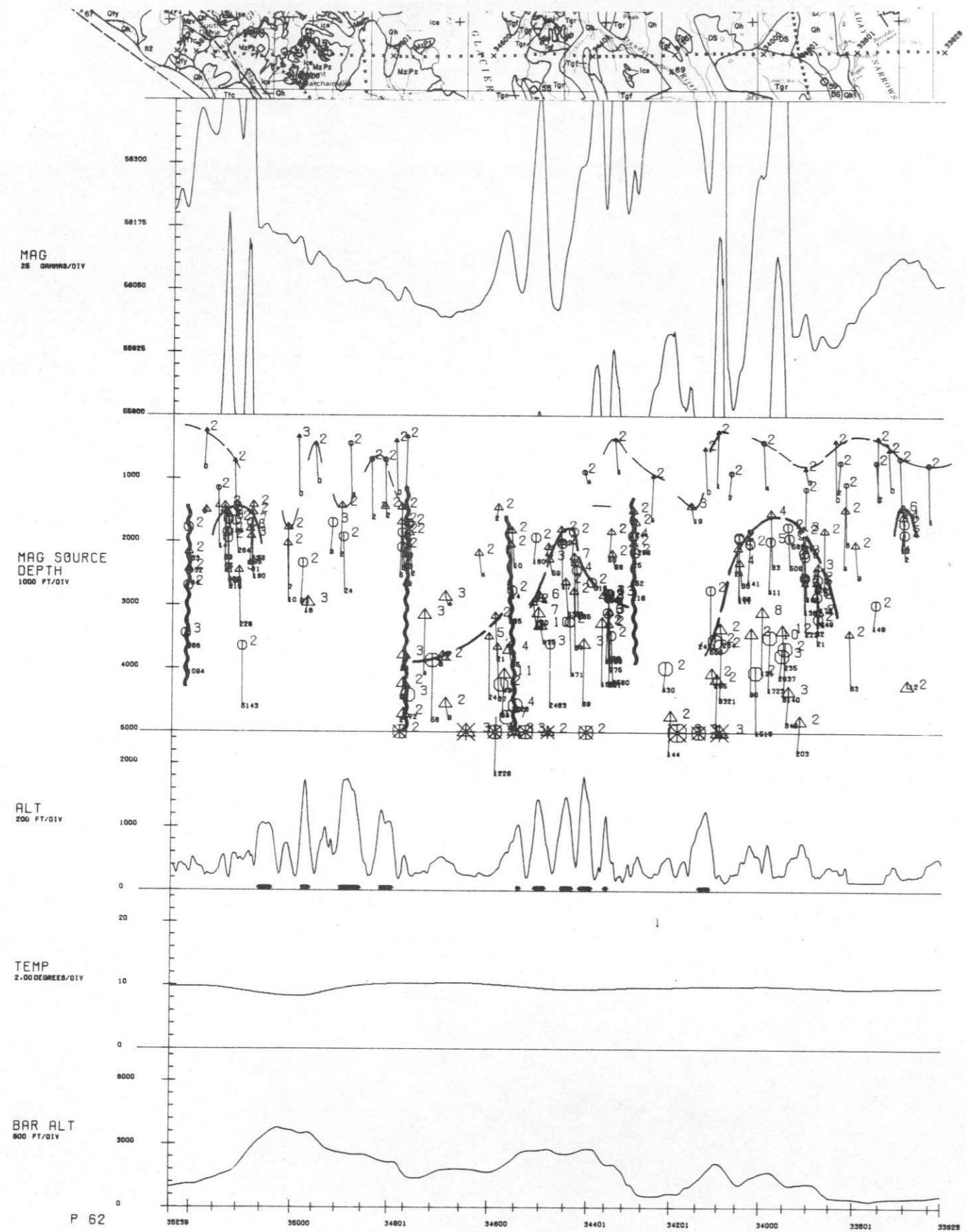


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

MT. FAIRWEATHER, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

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

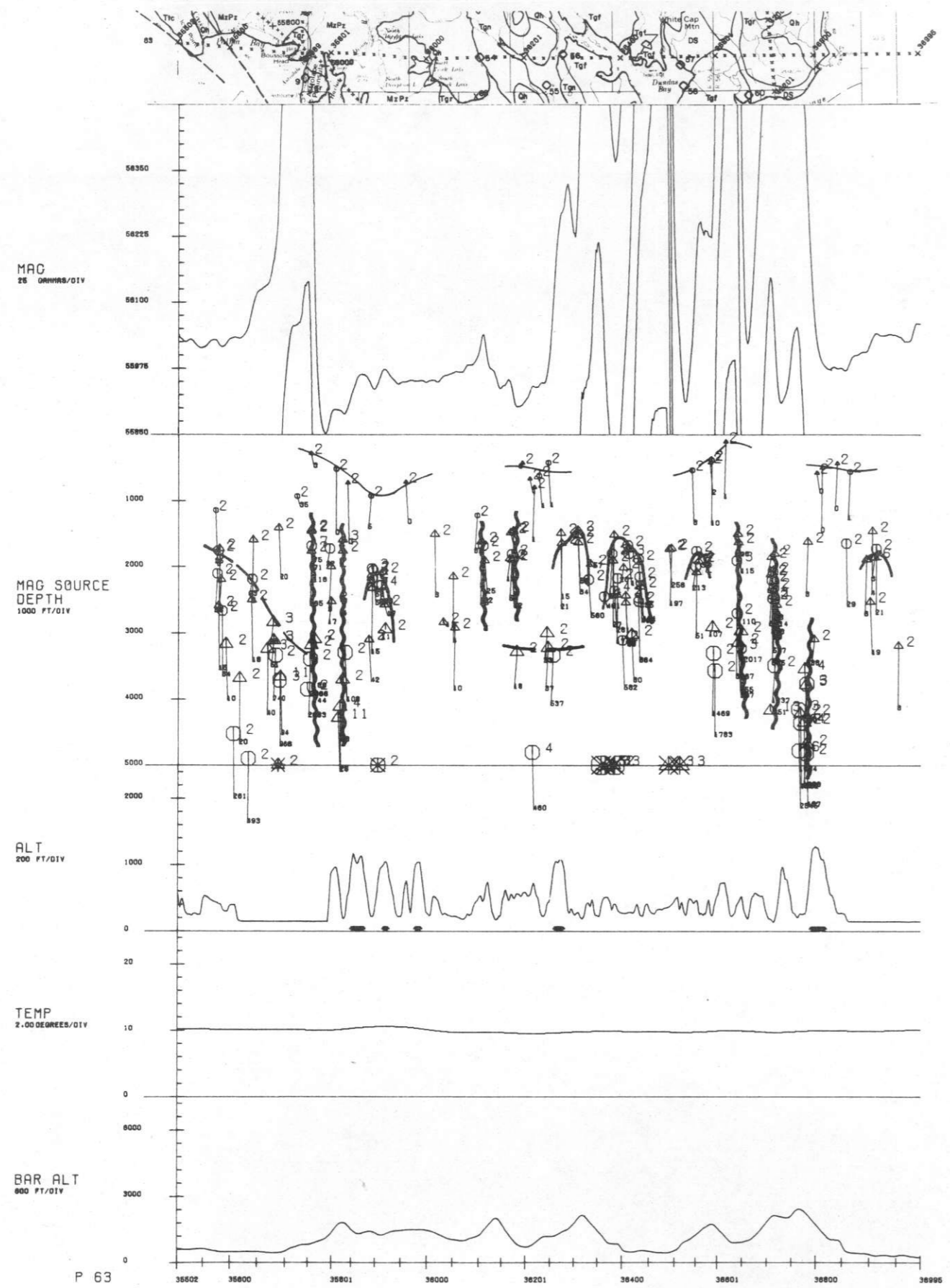
PREPARED FOR
DEPARTMENT OF ENERGY



P 62

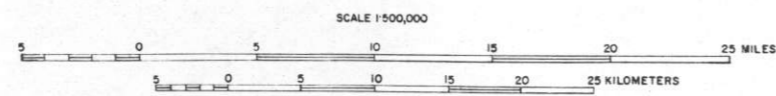
↑ EXCEEDS ALTITUDE SPECIFICATIONS

NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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↑ EXCEEDS ALTITUDE SPECIFICATIONS

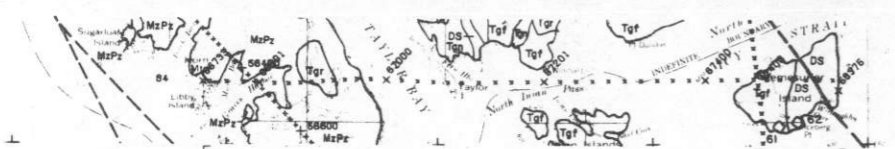


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

MT. FAIRWEATHER, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

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

PREPARED FOR
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MAG
25 GAMMAS/DIV

MAG SOURCE
DEPTH
1000 FT/DIV

ALT
200 FT/DIV

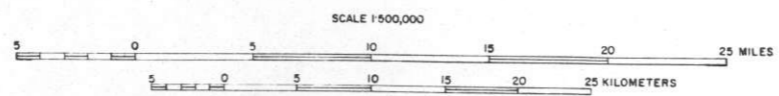
TEMP
2.00 DEGREES/DIV

BAR ALT
500 FT/DIV

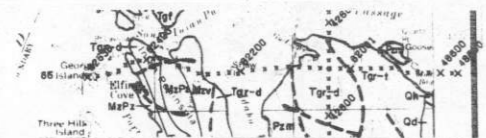
P 64

86733 87000 87201 87400 88375

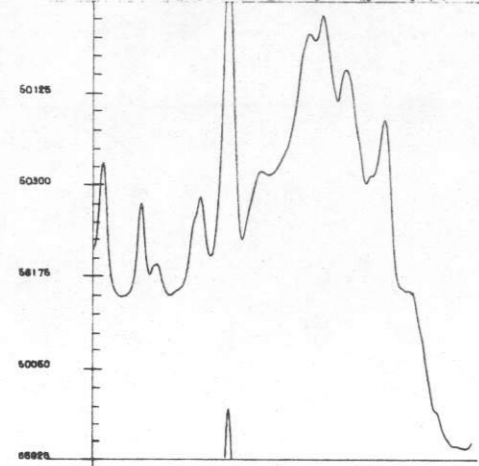
↑ EXCEEDS ALTITUDE SPECIFICATIONS



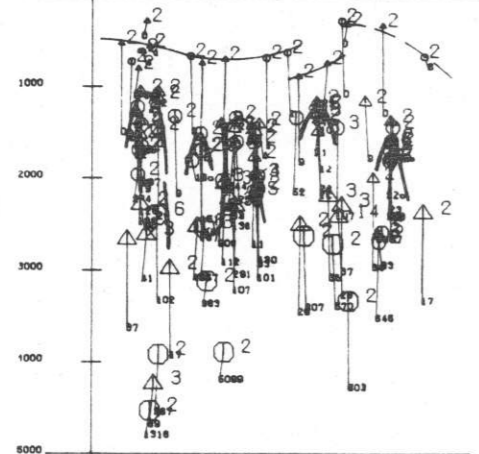
<p>NURE AERIAL GAMMA RAY AND MAGNETIC RECONNAISSANCE SURVEY</p> <p>MT. FAIRWEATHER, ALASKA</p> <p>MAGNETIC AND ANCILLARY STACKED PROFILE DATA 1976-1978</p> <p>BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006</p> <p>PREPARED FOR DEPARTMENT OF ENERGY</p>



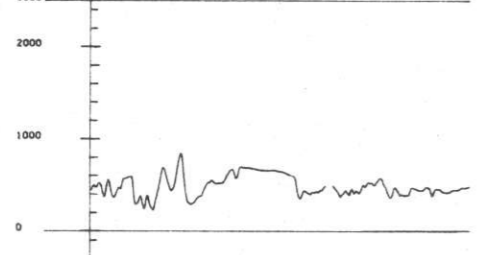
MAG
25 GRAMMS/DIV



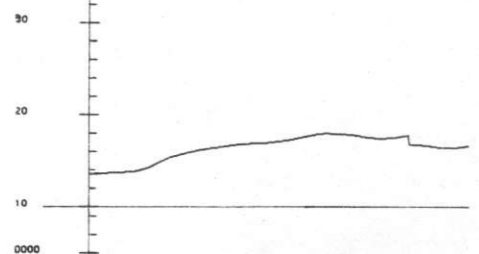
MAG SOURCE
DEPTH
1000 FT/DIV



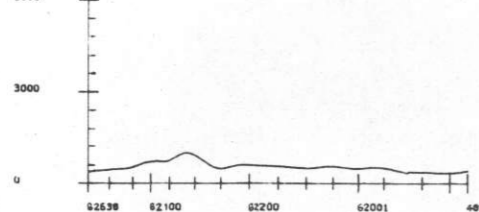
ALT
200 FT/DIV



TEMP
2.00 DEGREES/DIV



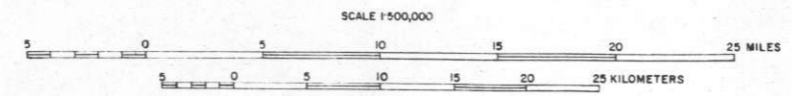
BAR ALT
000 FT/DIV



P 65

92638 92100 92200 92001 49830

↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

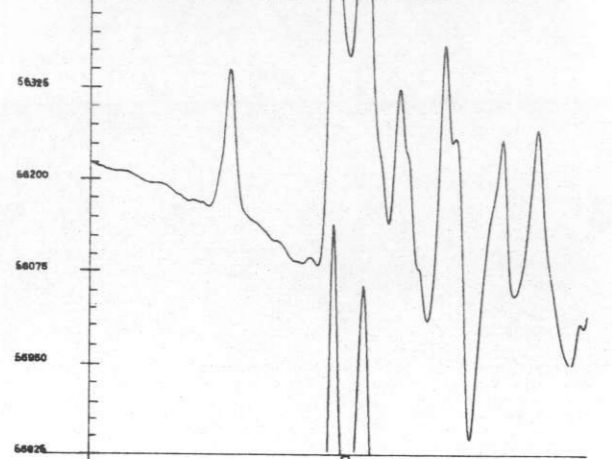
MT. FAIRWEATHER, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

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

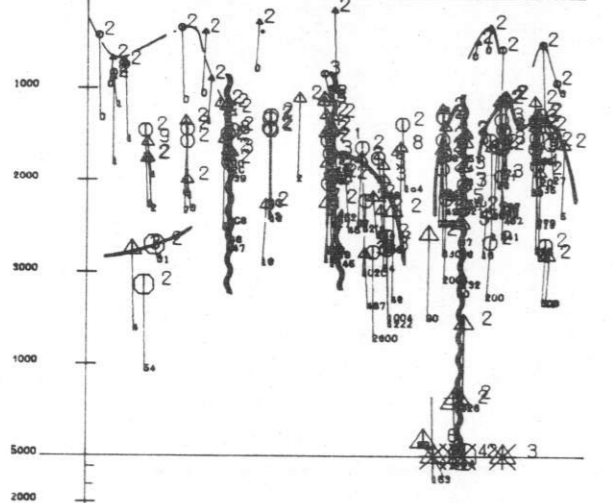
PREPARED FOR
DEPARTMENT OF ENERGY



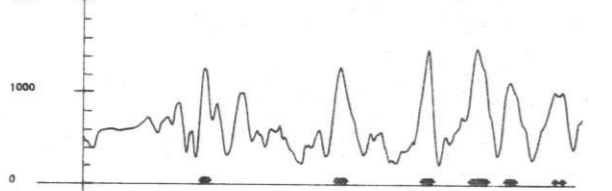
MAG
25 GANMS/DIV



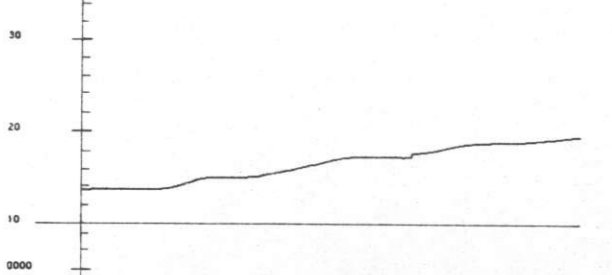
MAG SOURCE
DEPTH
1000 FT/DIV



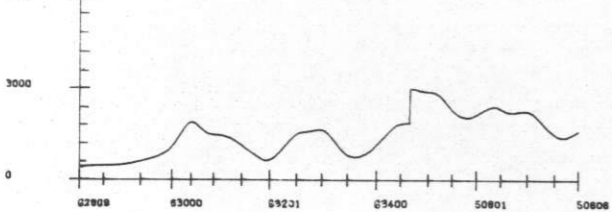
ALT
200 FT/DIV



TEMP
2.00 DEGREES/DIV

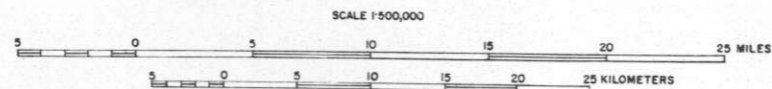


BAR ALT
500 FT/DIV

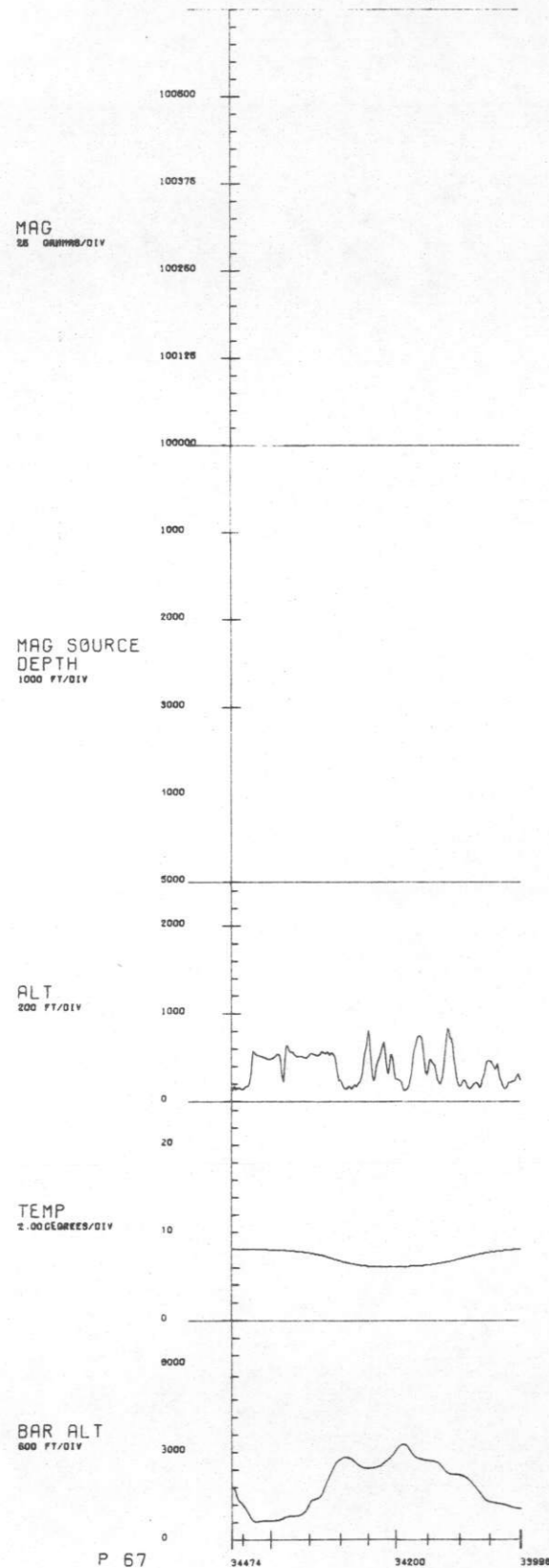
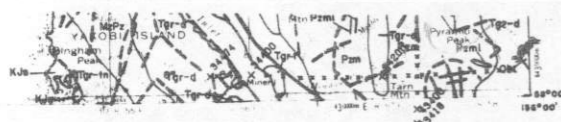


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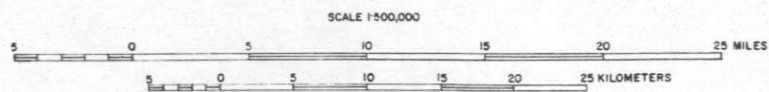
↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
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↑ EXCEEDS ALTITUDE SPECIFICATIONS



NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY

MT. FAIRWEATHER, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978

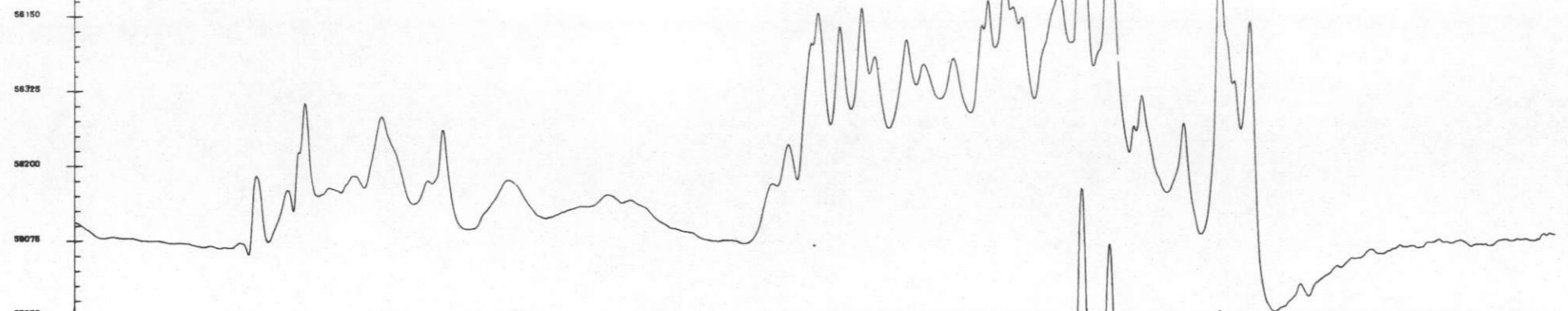
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006

PREPARED FOR
DEPARTMENT OF ENERGY

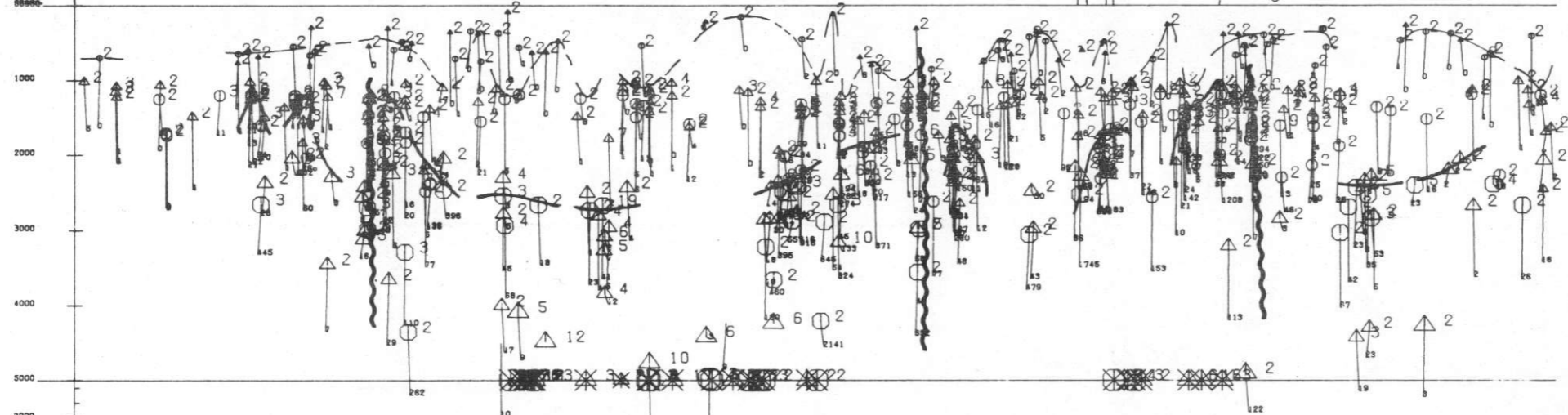


SOUN

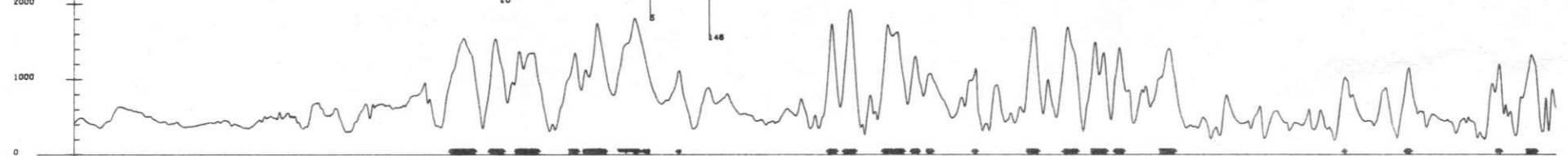
MAG
25 GAMS/01V



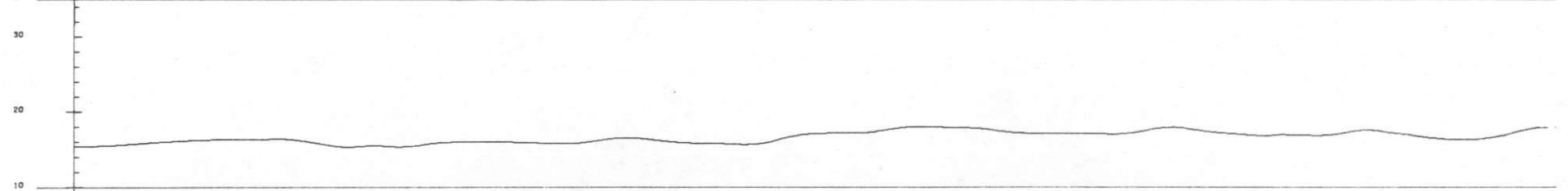
MAG SOURCE
DEPTH
1000 FT/01V



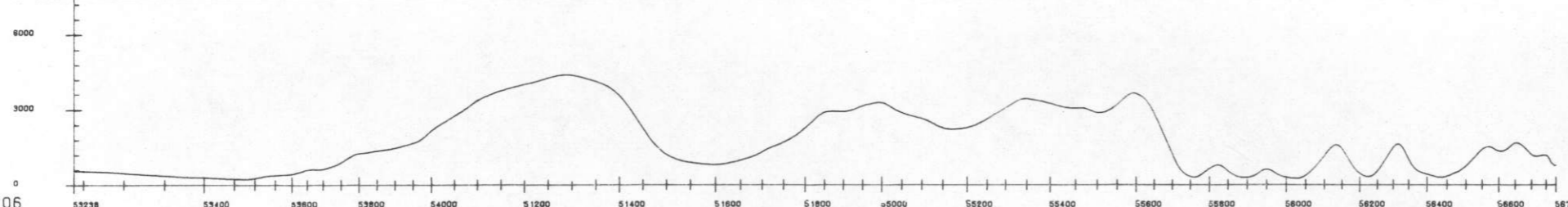
ALT
200 FT/01V



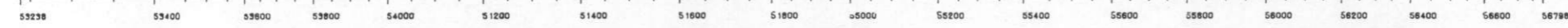
TEMP
2.00 DEGREES/01V



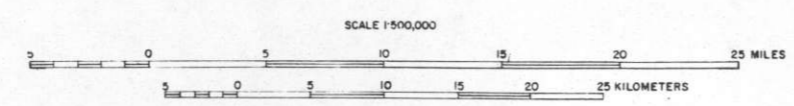
BAR ALT
800 FT/01V



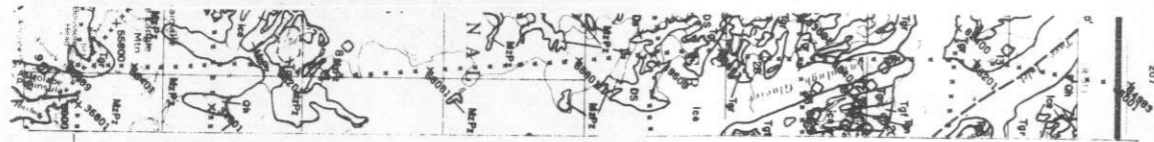
TL 206



↑ EXCEEDS ALTITUDE SPECIFICATIONS



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

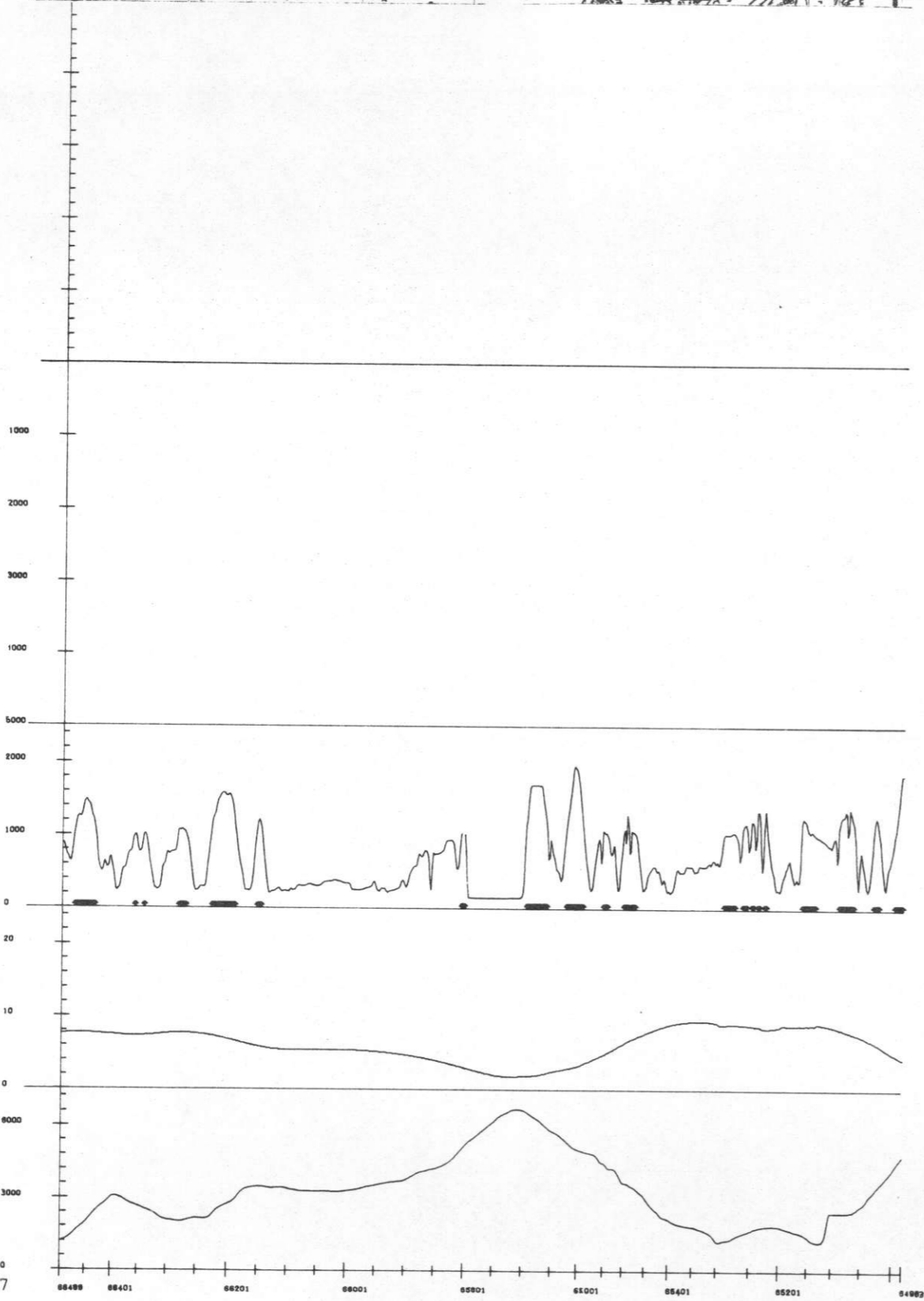
MAG SOURCE
DEPTH
1000 FT/DIV

ALT
200 FT/DIV

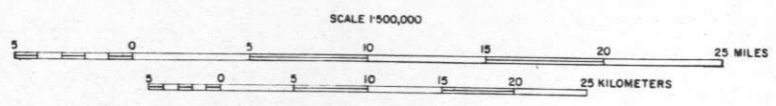
TEMP
2.00 DEGREES/DIV

BAR ALT
600 FT/DIV

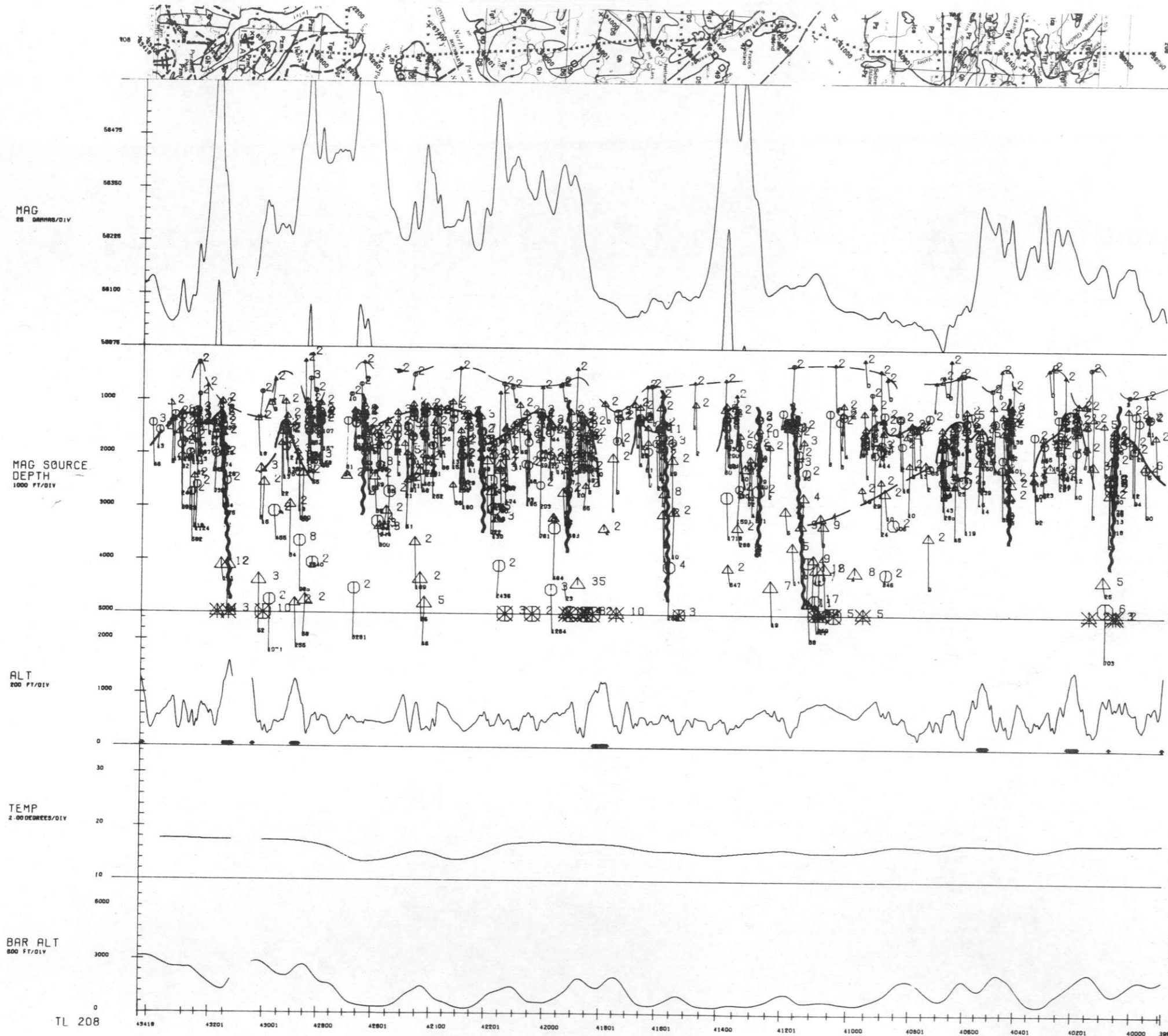
TL 207



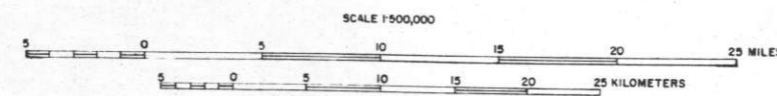
↑ EXCEEDS ALTITUDE SPECIFICATIONS



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

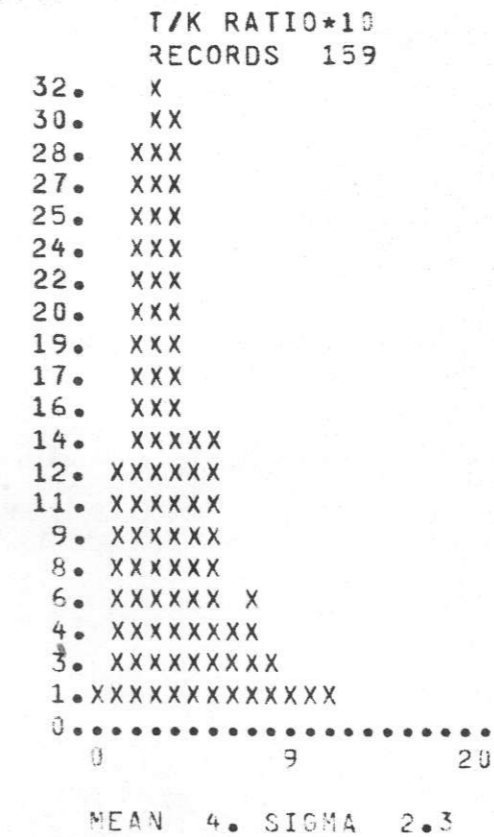
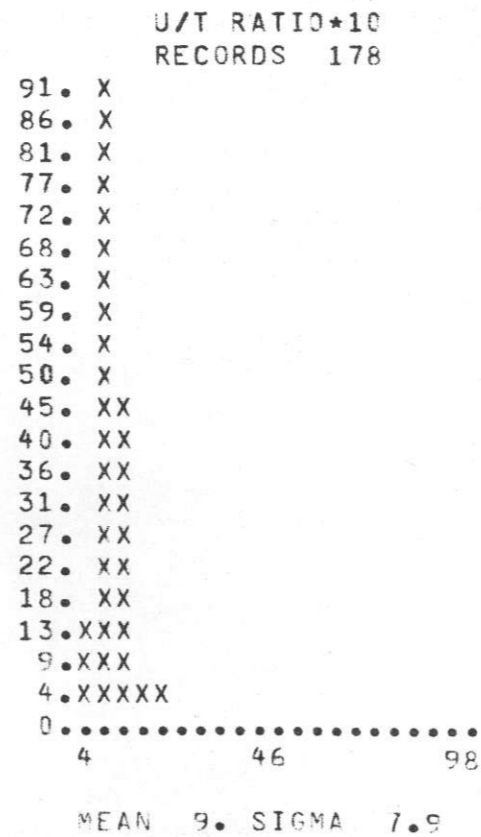
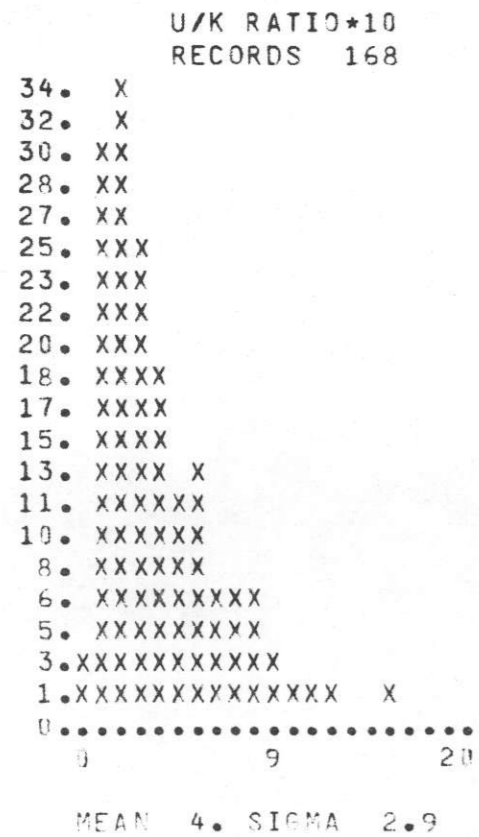
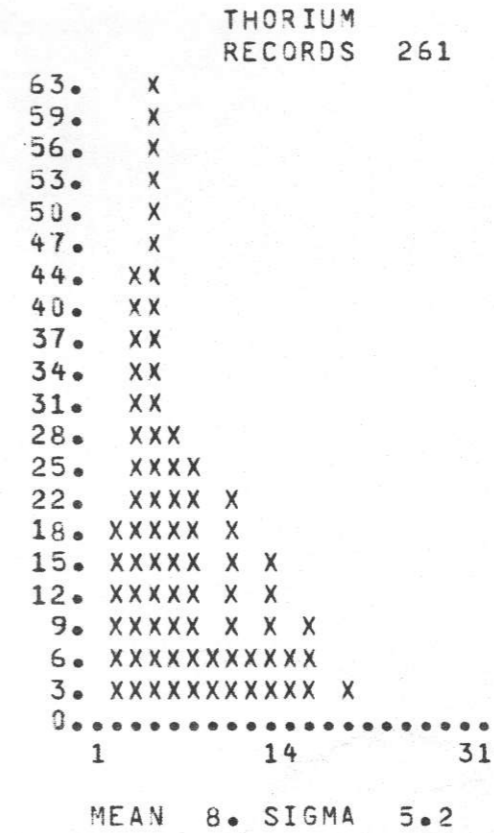
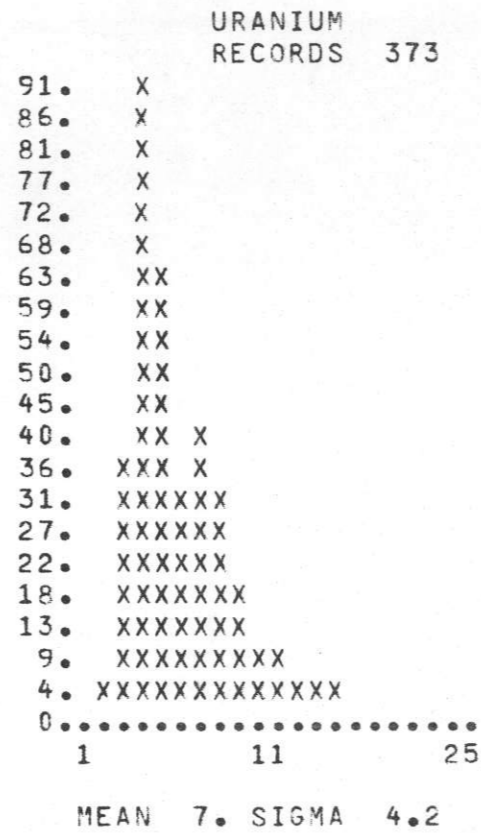
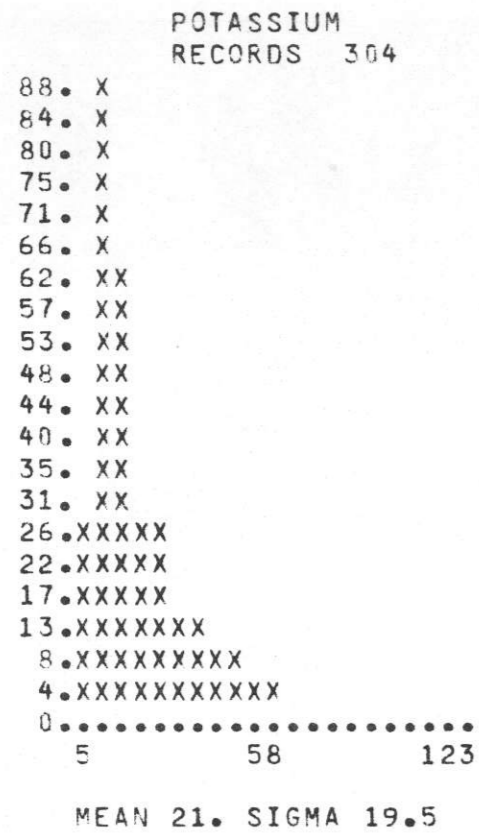


↑ EXCEEDS ALTITUDE SPECIFICATIONS

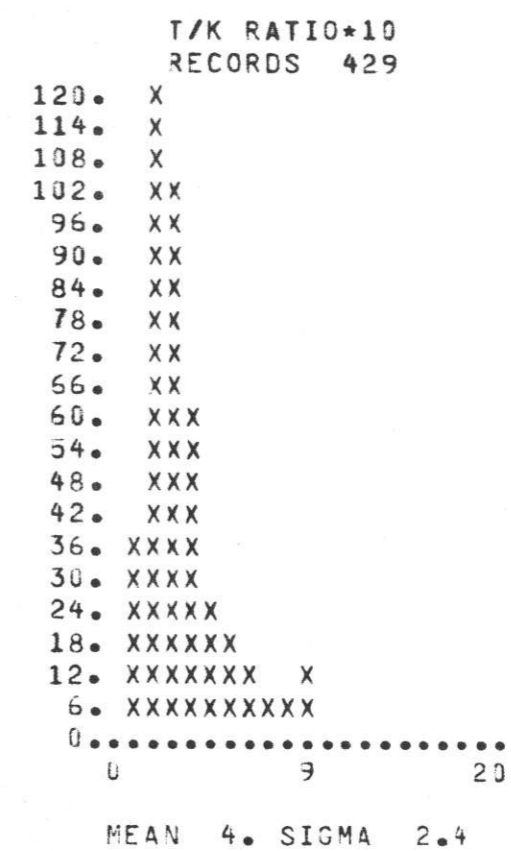
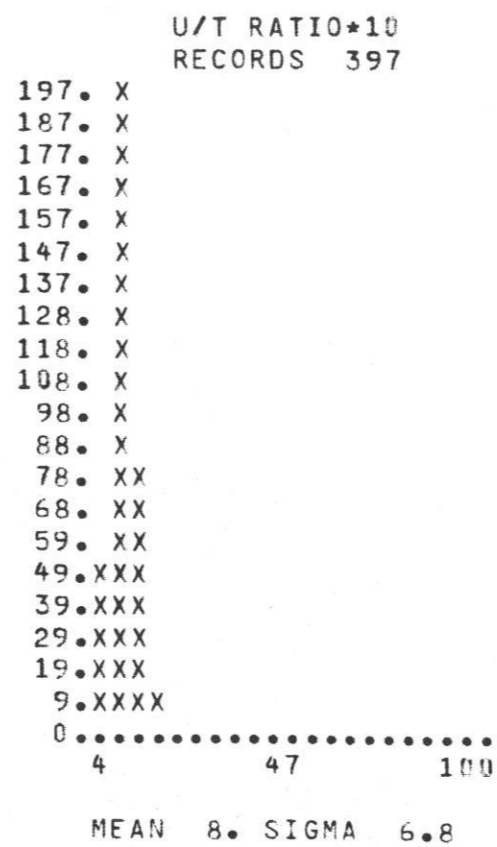
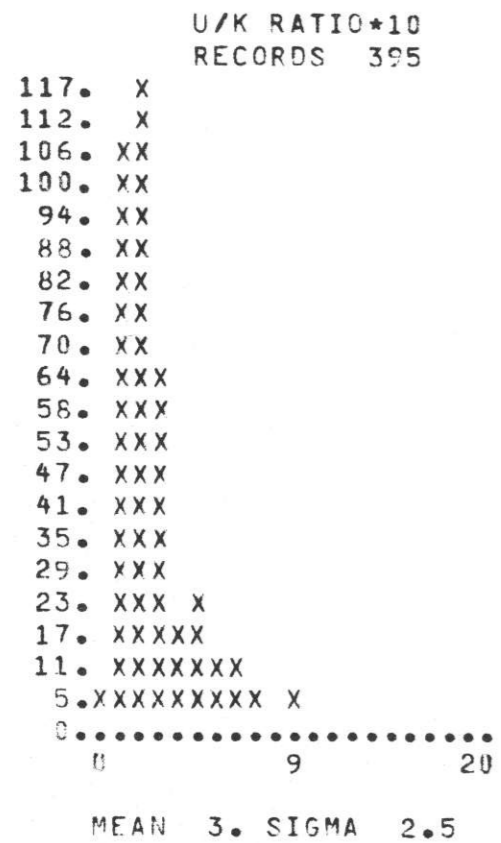
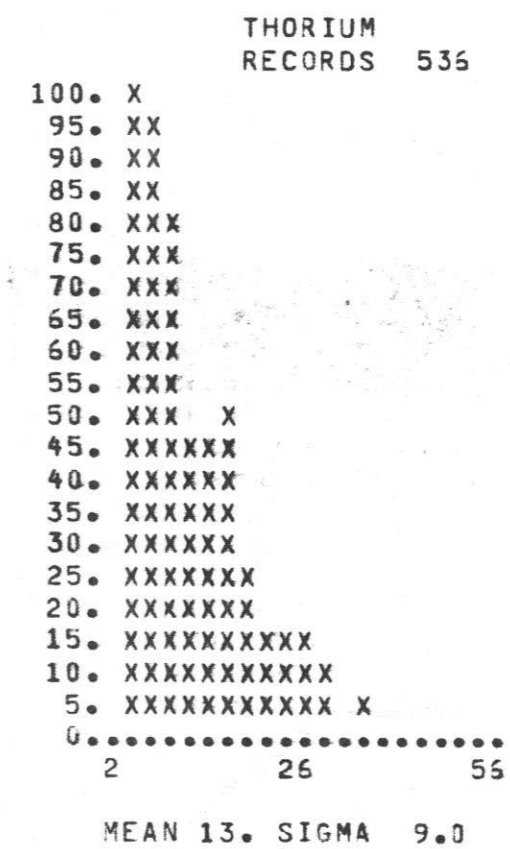
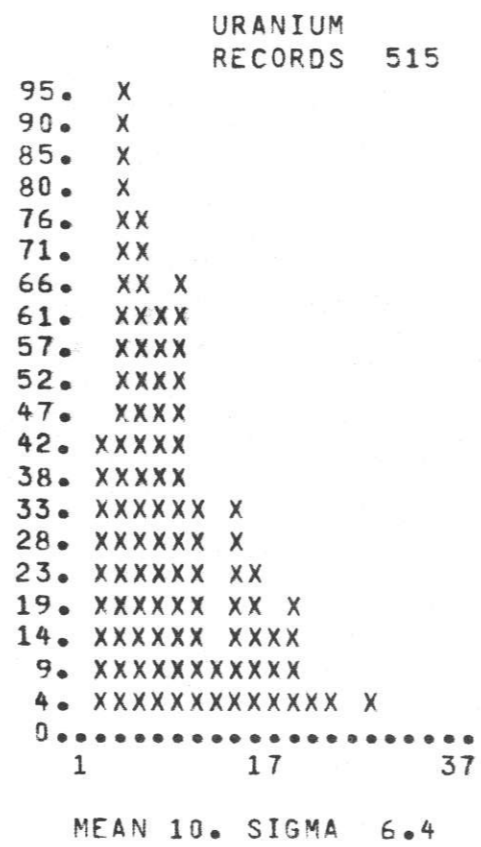
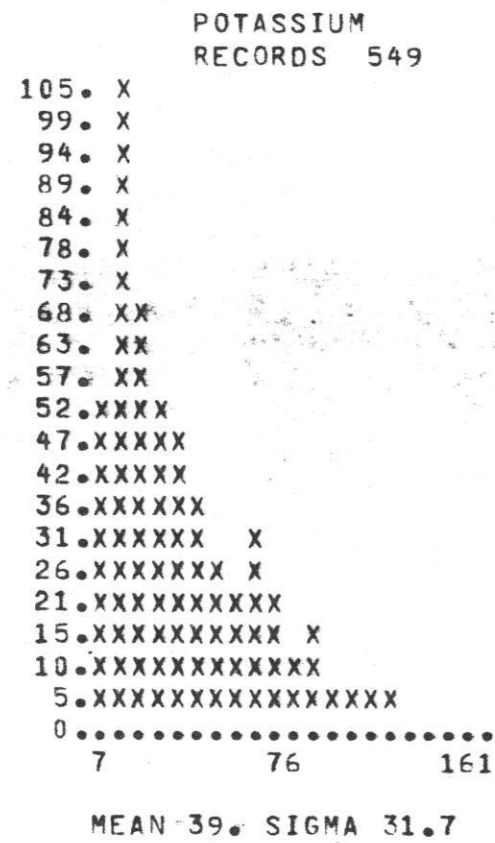


NURE AERIAL GAMMA RAY AND MAGNETIC
RECONNAISSANCE SURVEY
MT. FAIRWEATHER, ALASKA
MAGNETIC AND ANCILLARY STACKED PROFILE DATA
1976-1978
BY: LKB RESOURCES, INC. 55 BUCK ROAD HUNTINGDON VALLEY, PENNA. 19006
PREPARED FOR
DEPARTMENT OF ENERGY

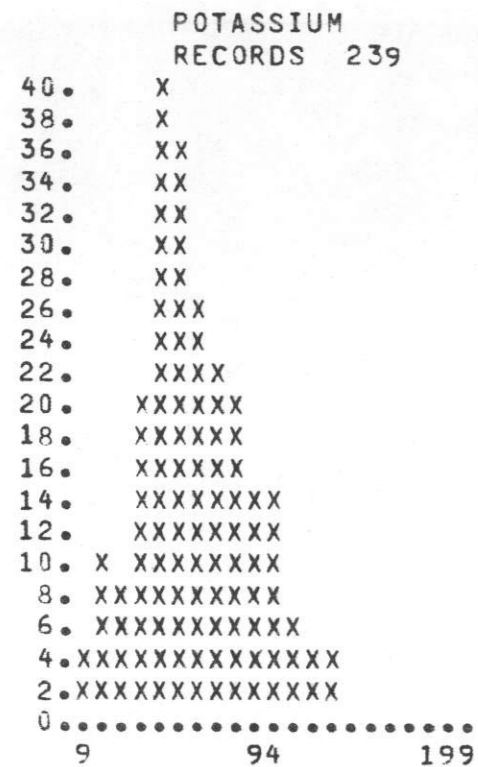
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT WATER



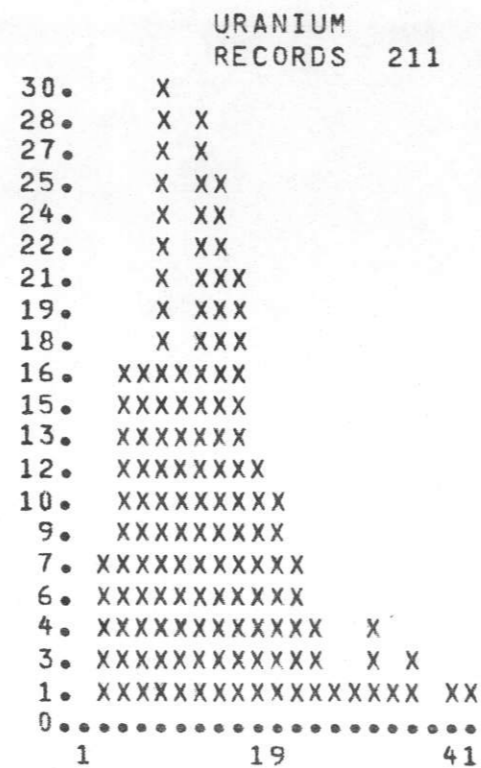
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1973
GEOLOGIC UNIT ICE



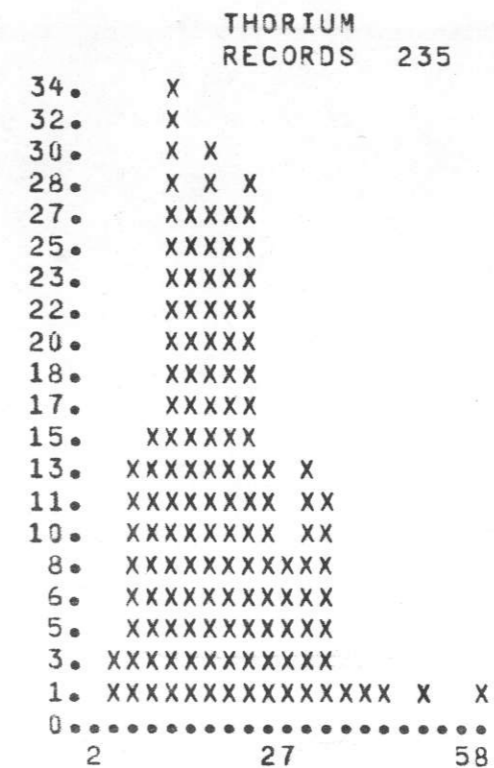
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT UNCLA



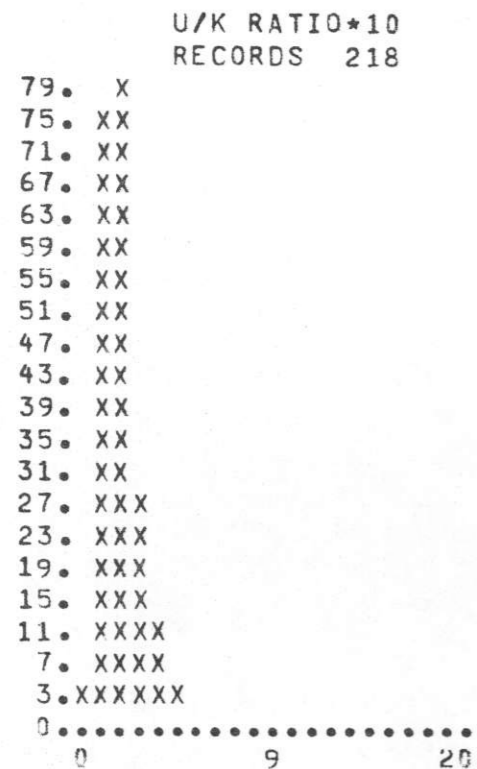
MEAN 62. SIGMA 28.8



MEAN 15. SIGMA 7.5



MEAN 21. SIGMA 9.3



MEAN 2. SIGMA 1.1

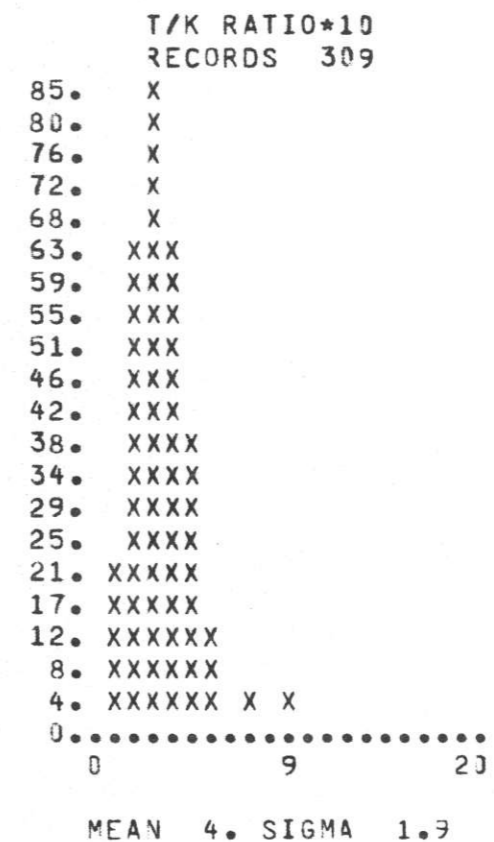
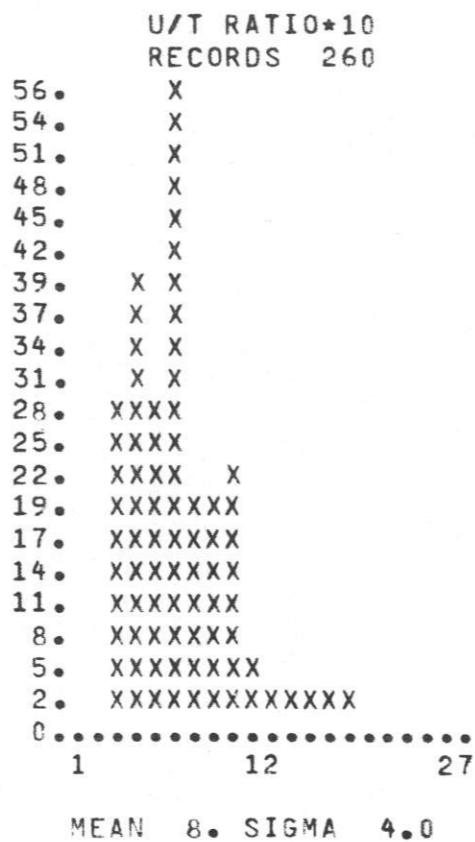
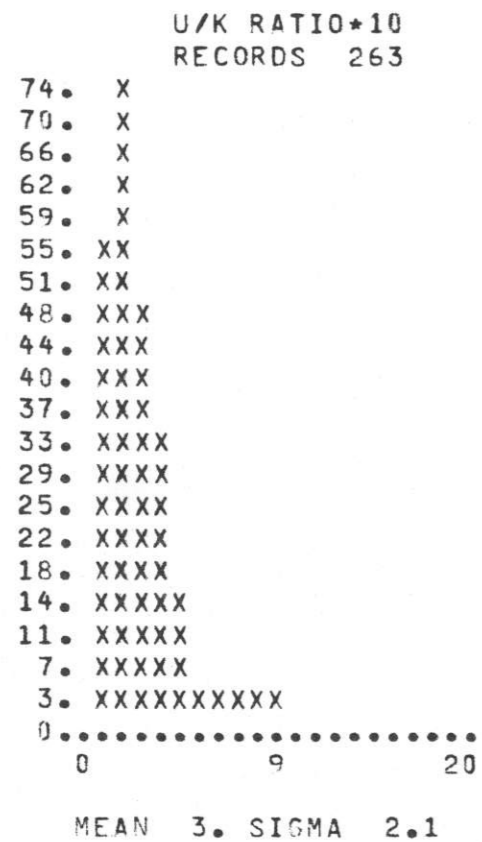
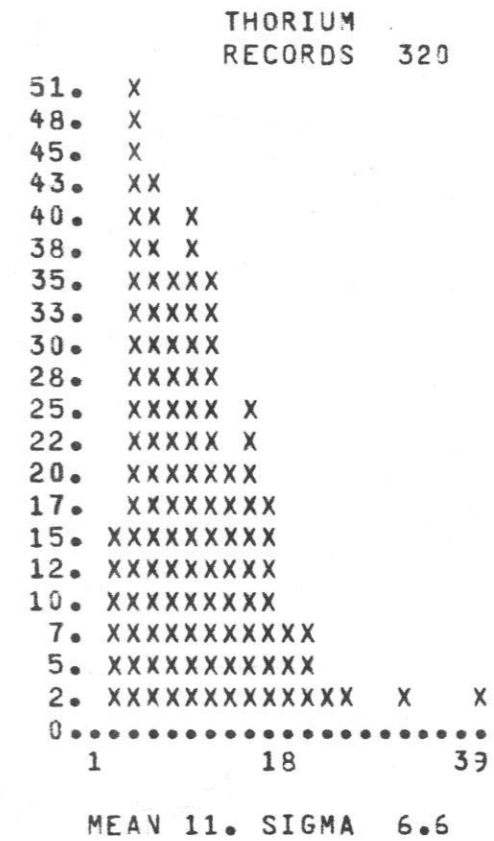
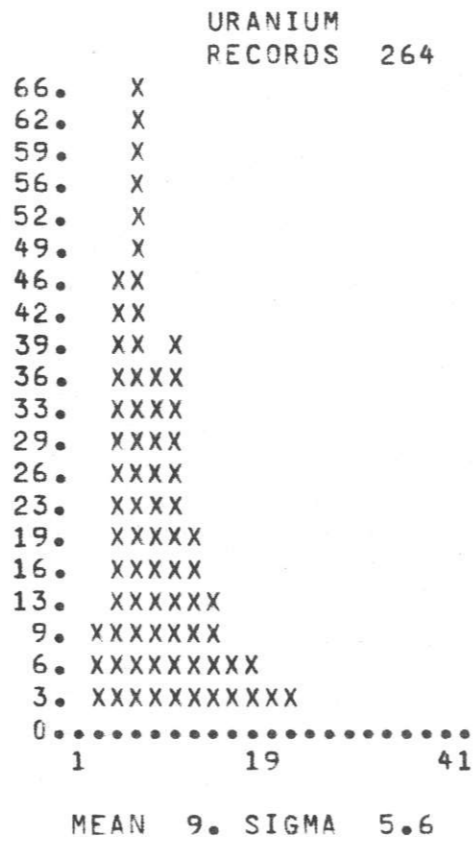
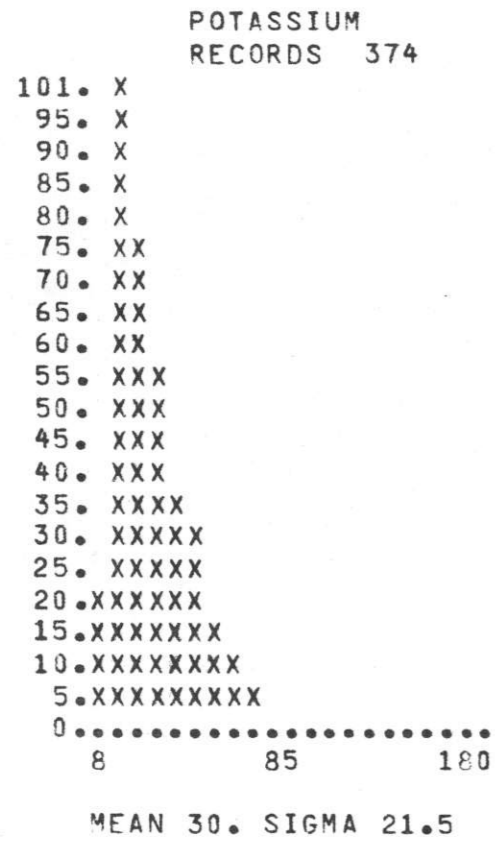


MEAN 7. SIGMA 5.1

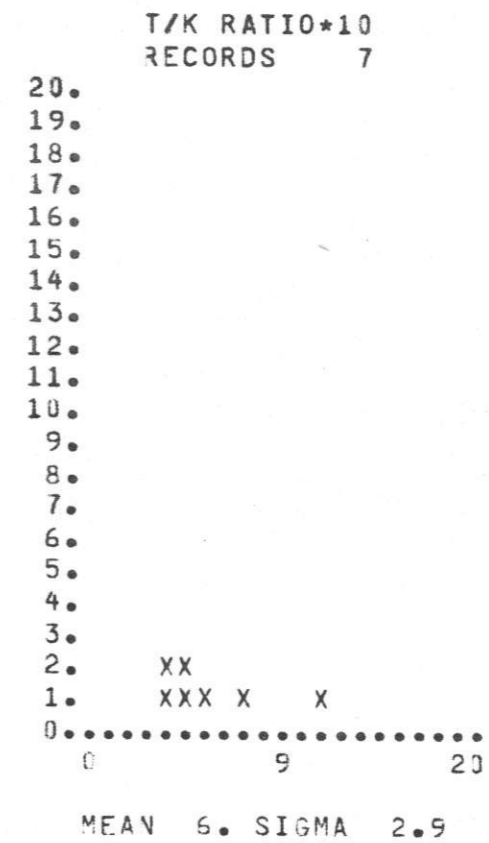
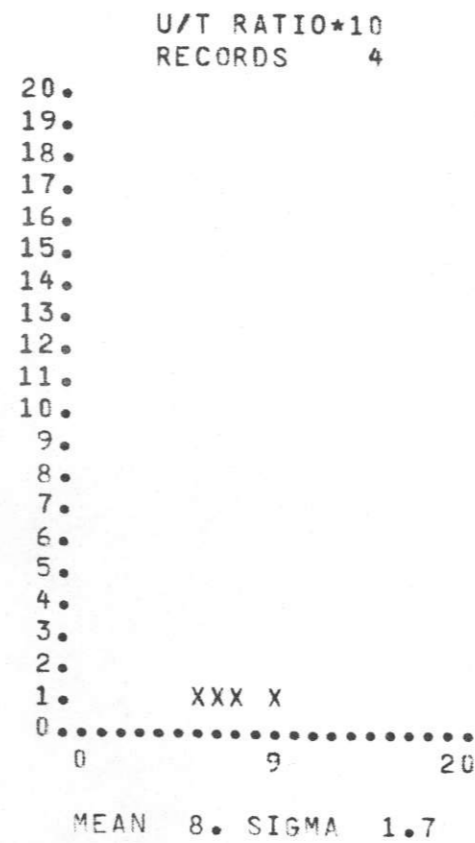
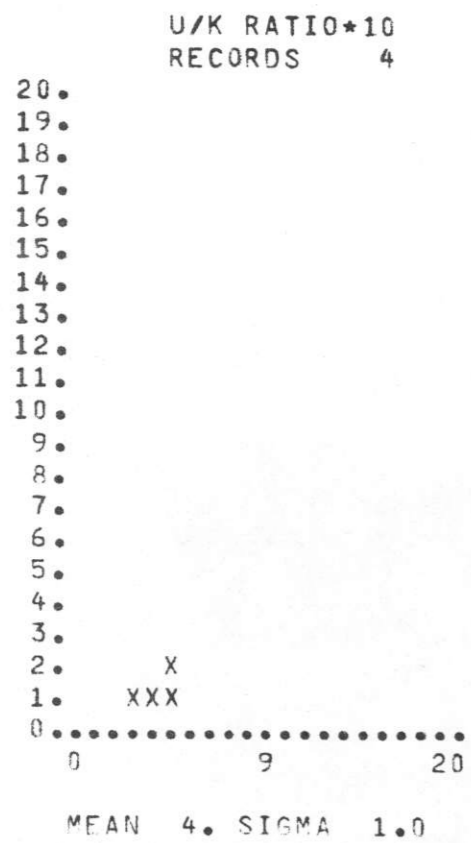
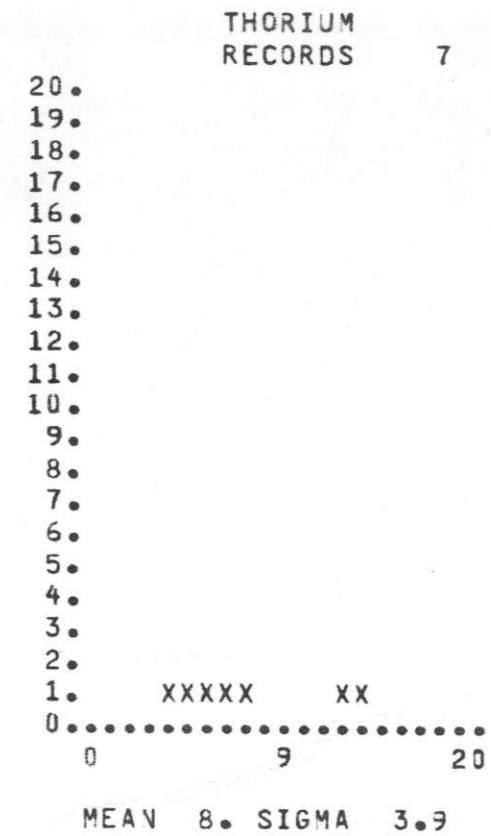
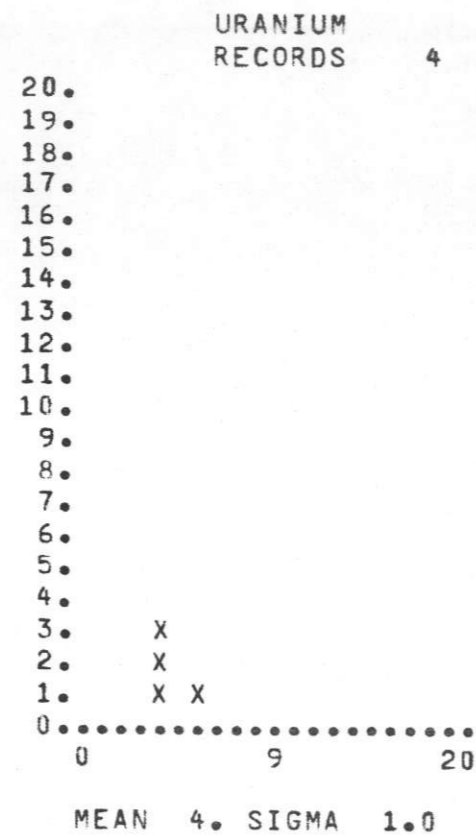
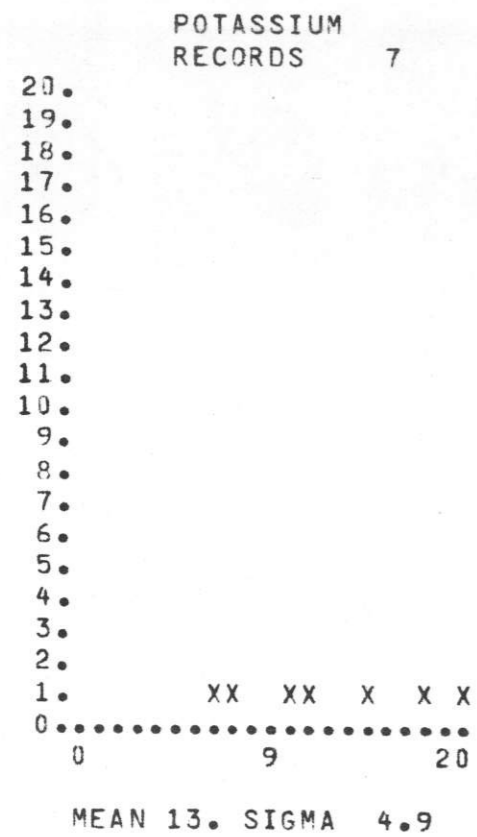


MEAN 3. SIGMA 1.3

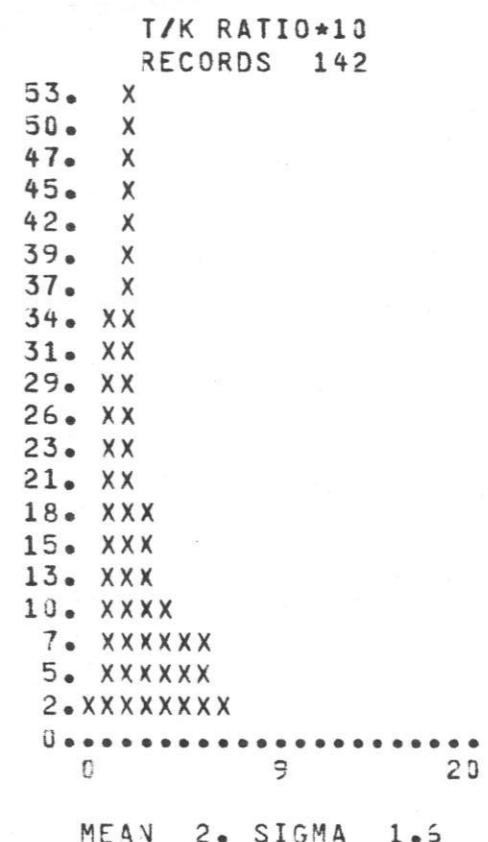
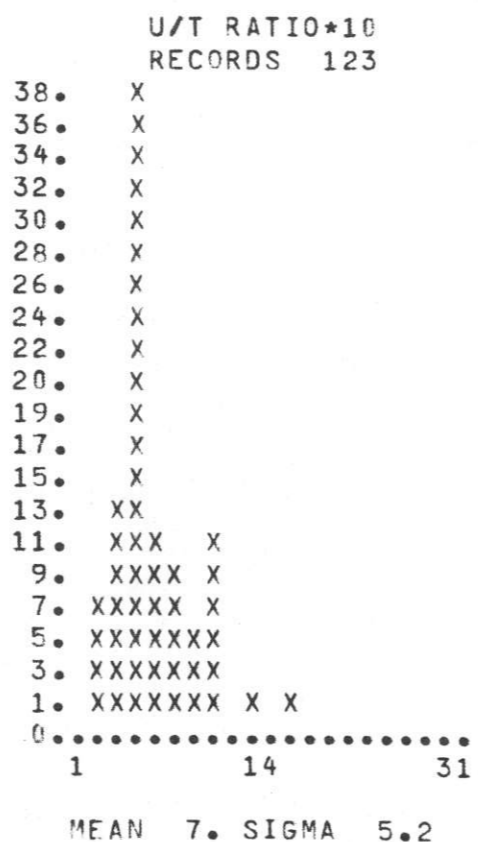
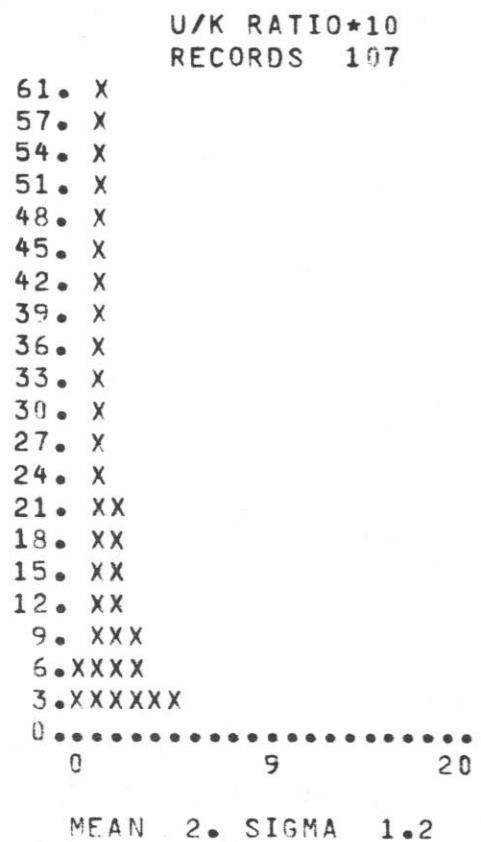
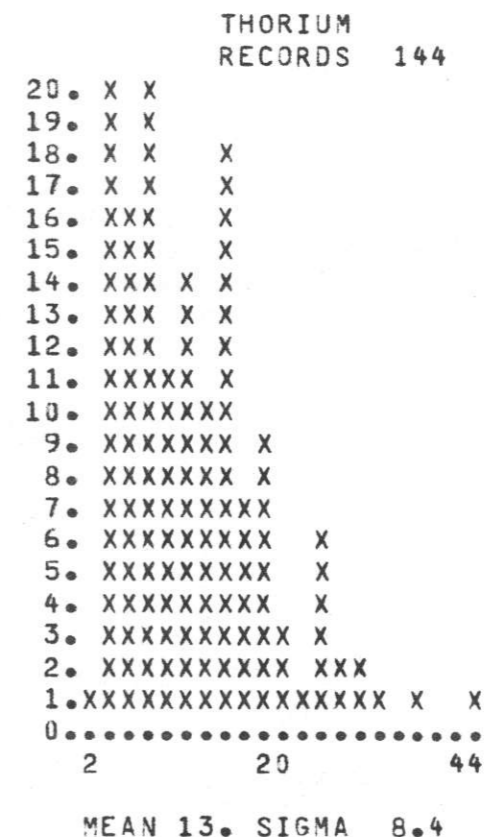
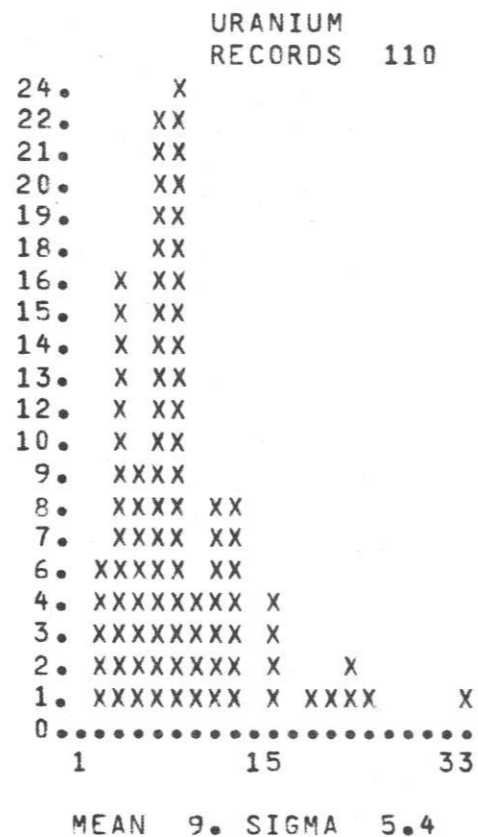
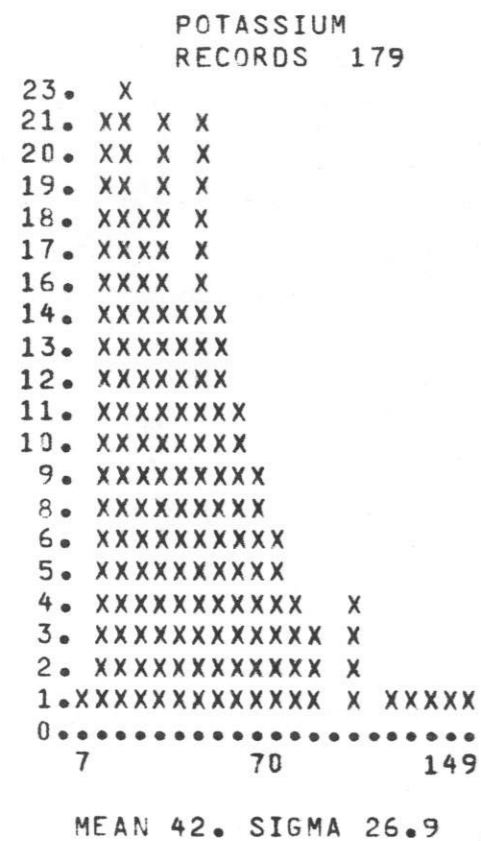
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
 GEOLOGIC UNIT QH



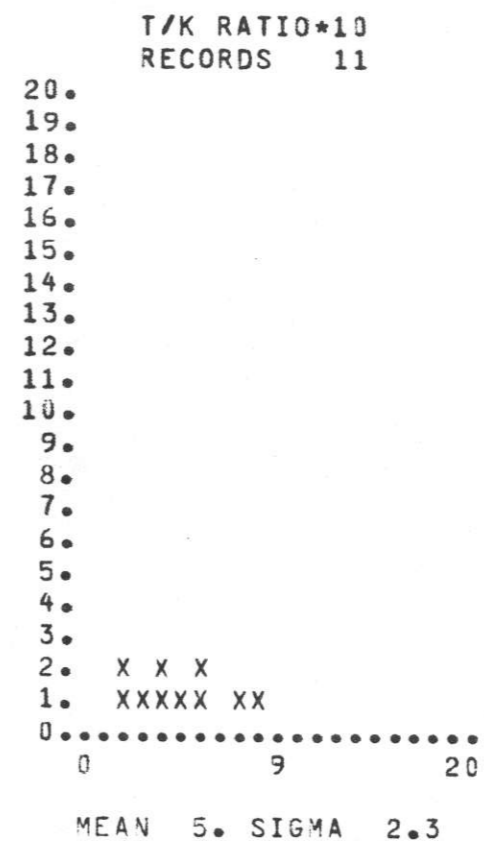
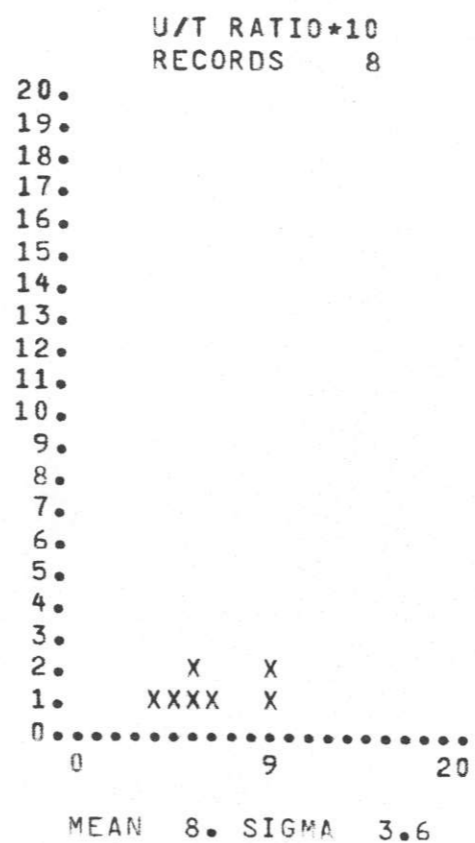
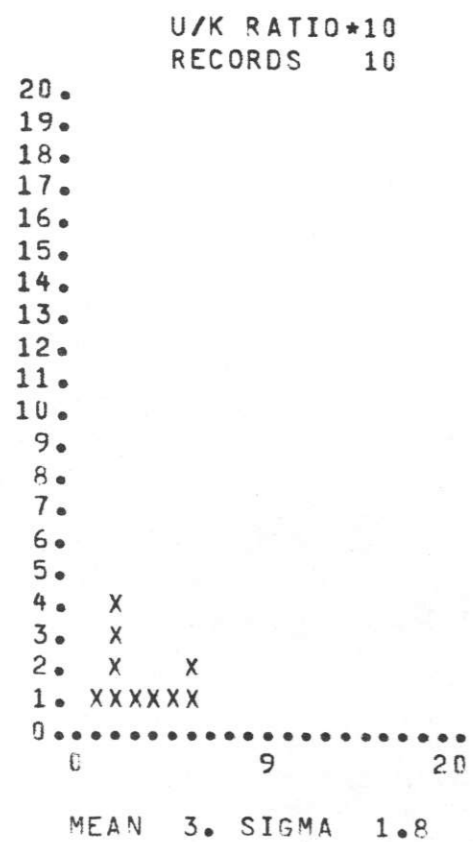
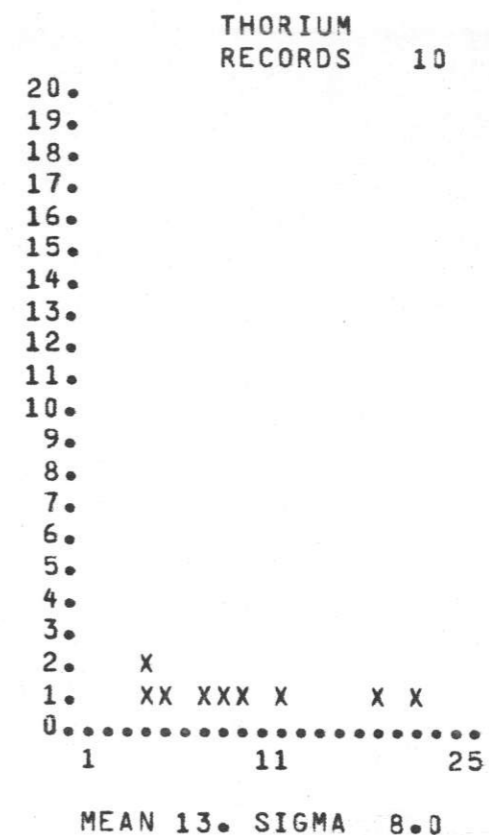
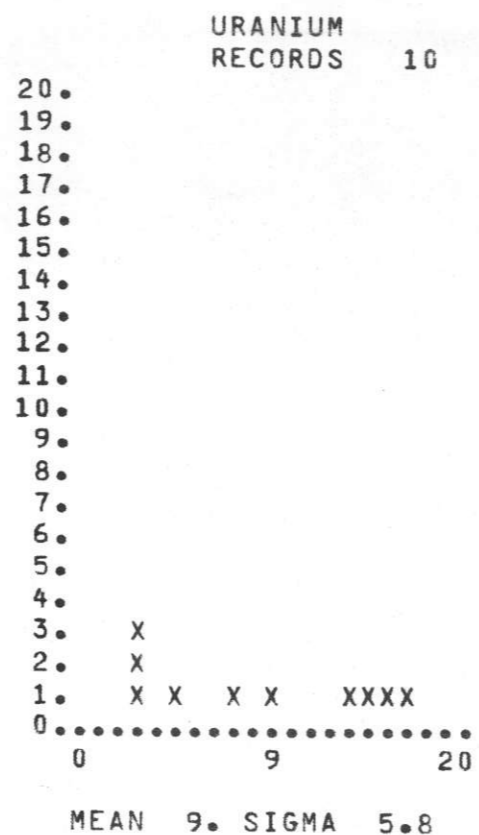
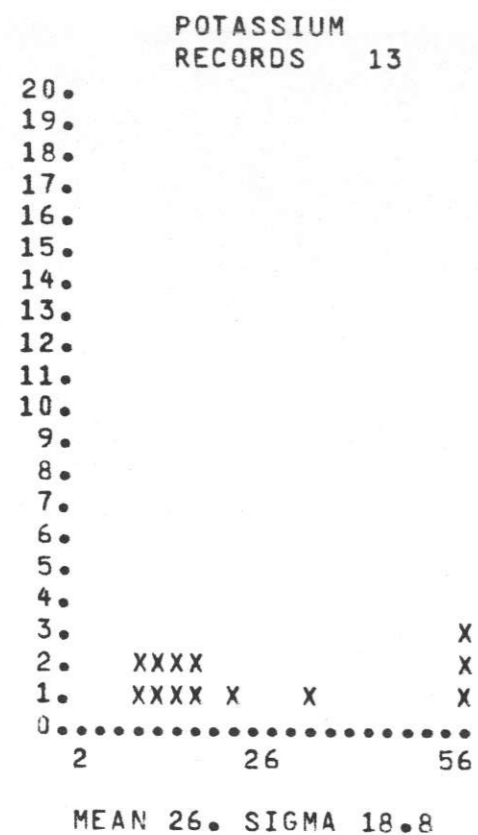
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT QU



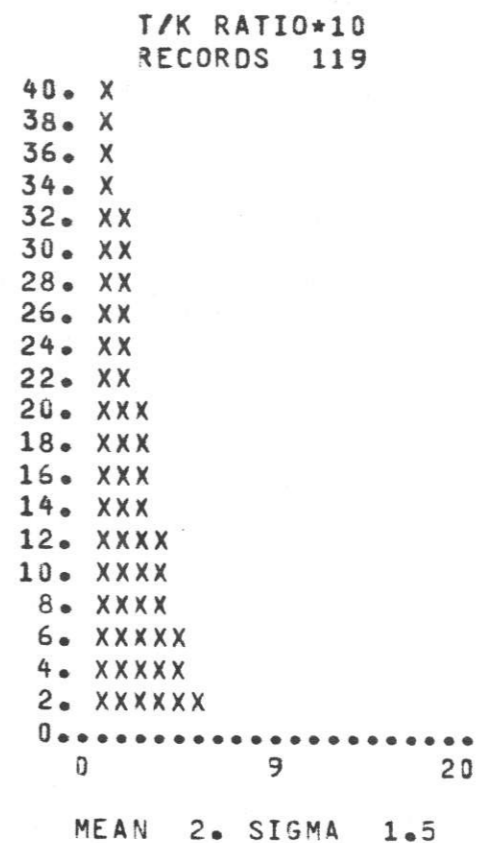
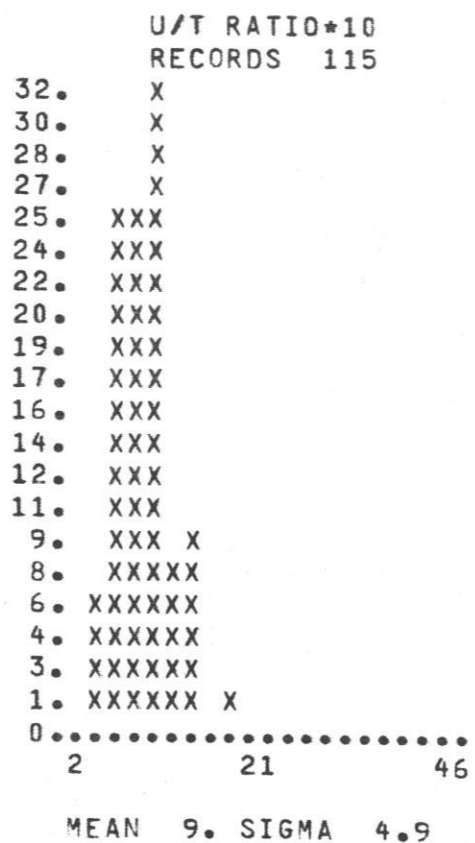
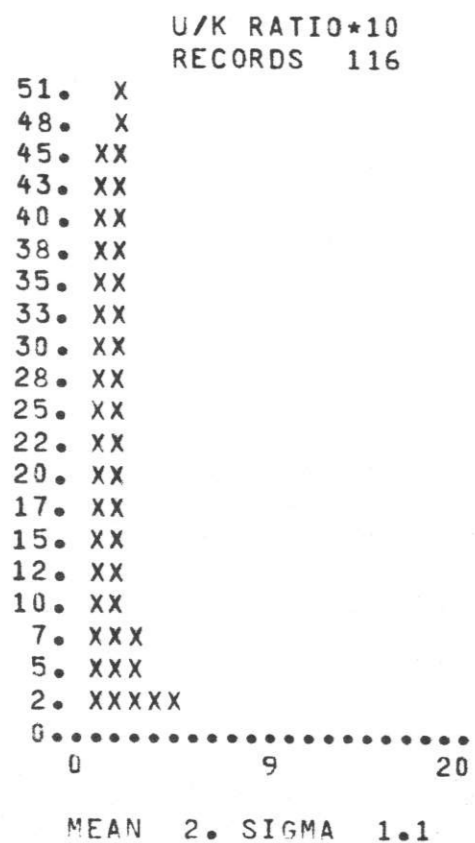
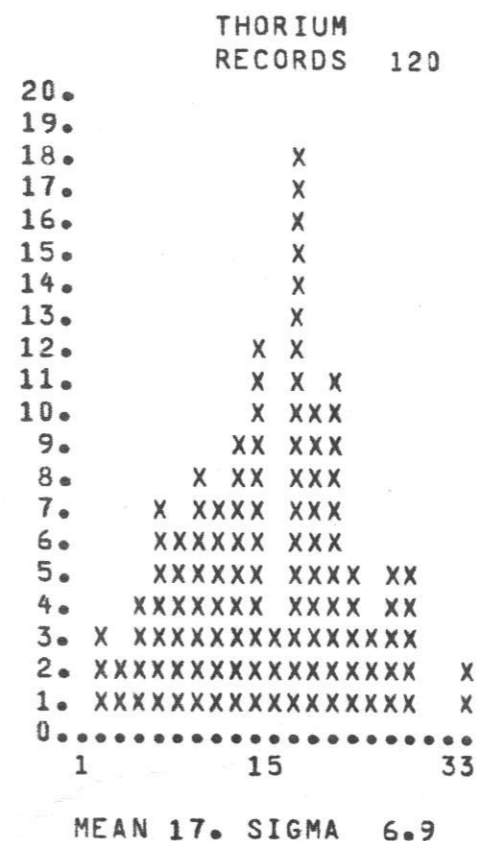
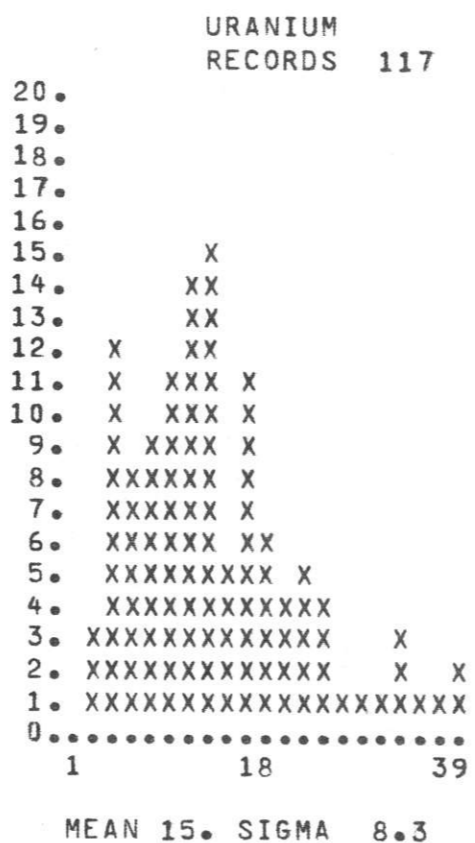
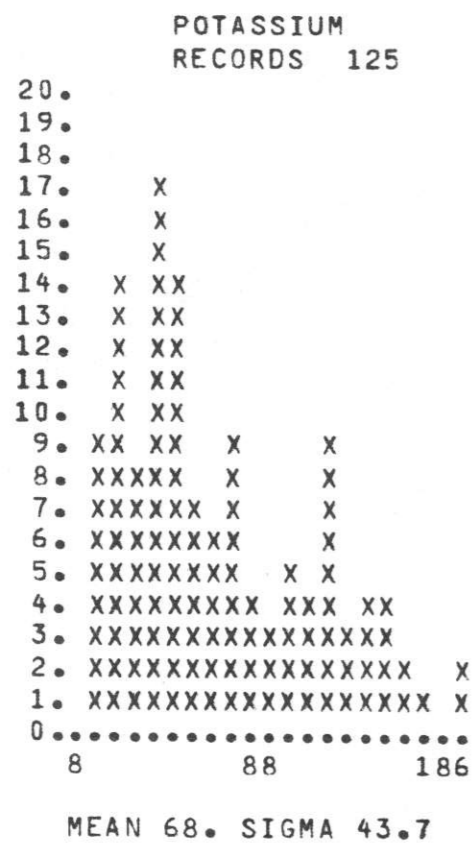
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT TGR



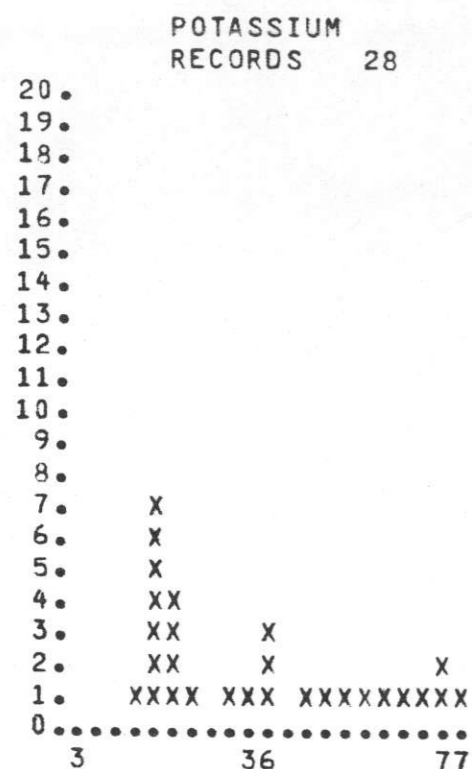
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GEOLOGIC UNIT TGN



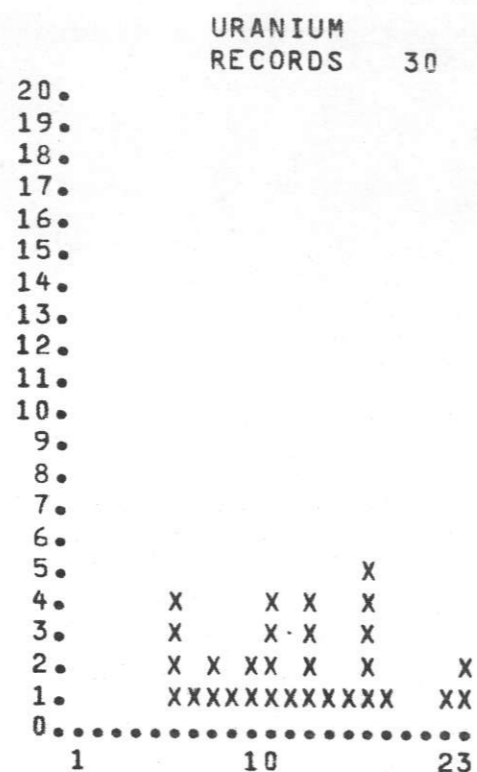
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GEOLOGIC UNIT TGF



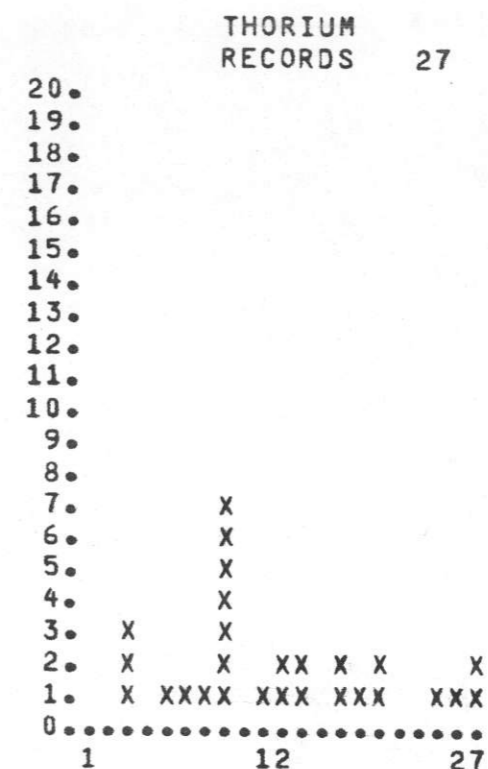
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 GEOLOGIC UNIT TG



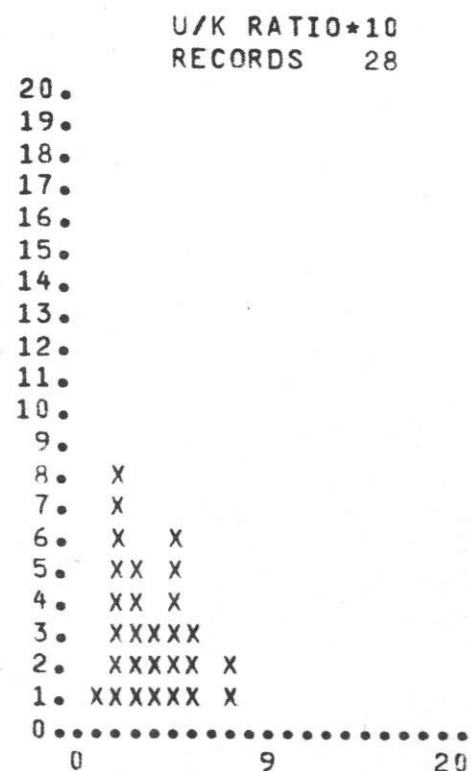
MEAN 38. SIGMA 21.8



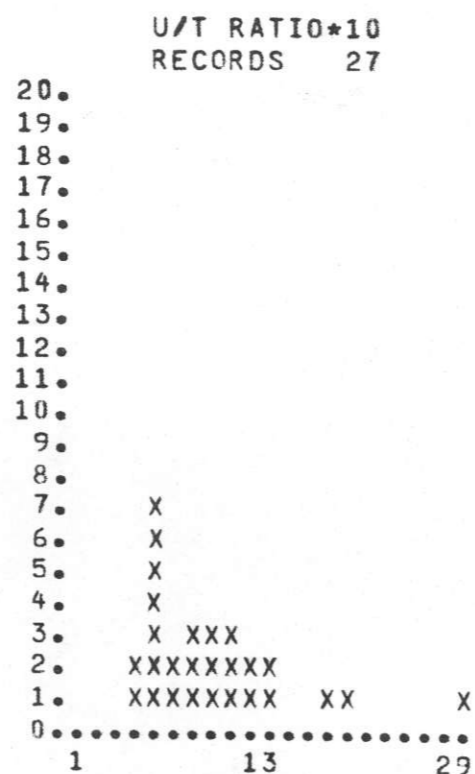
MEAN 14. SIGMA 5.4



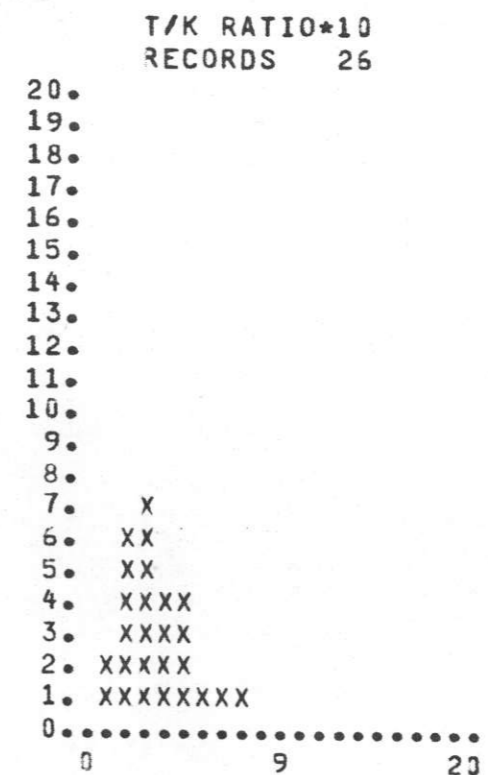
MEAN 14. SIGMA 7.5



MEAN 4. SIGMA 1.9

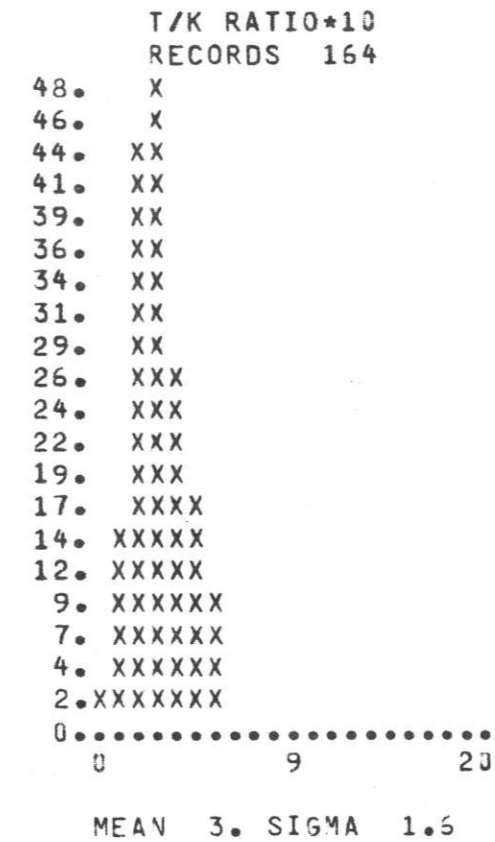
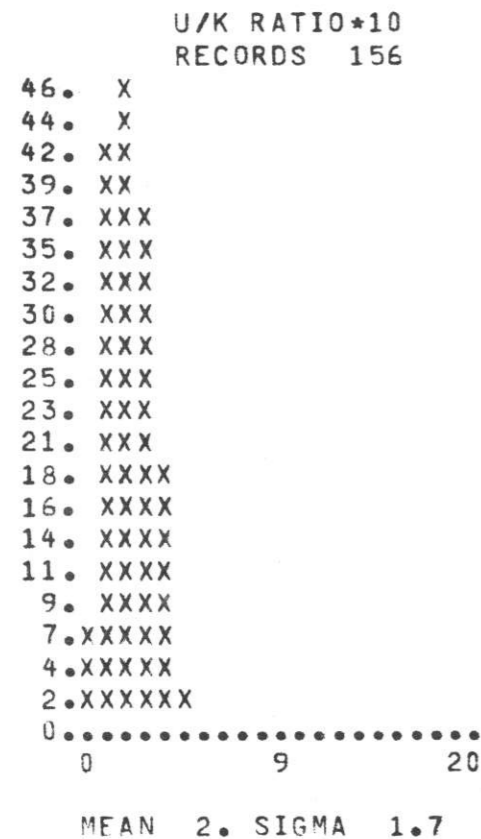
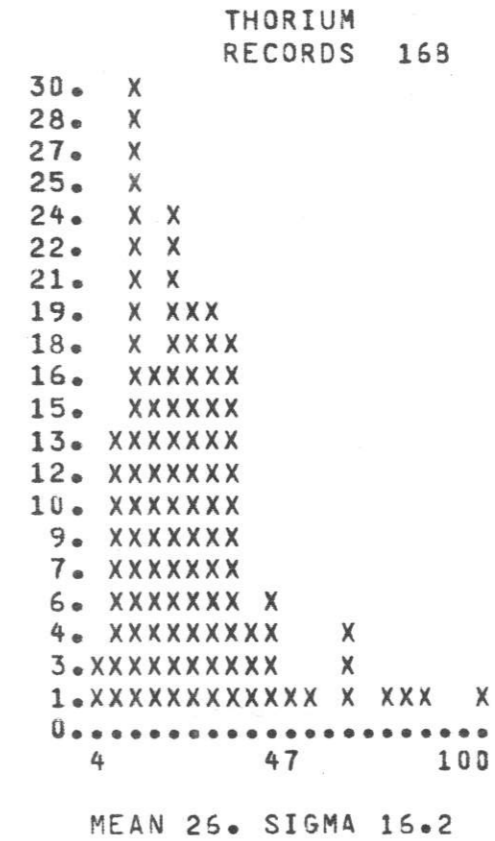
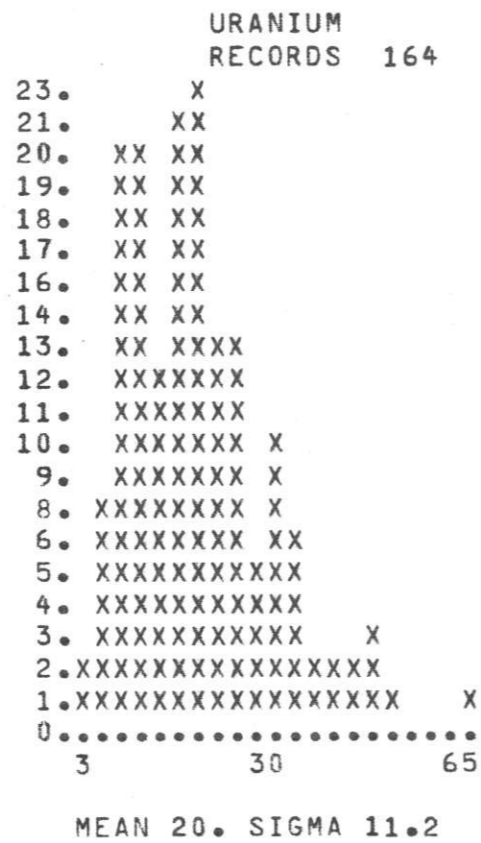


MEAN 11. SIGMA 5.9

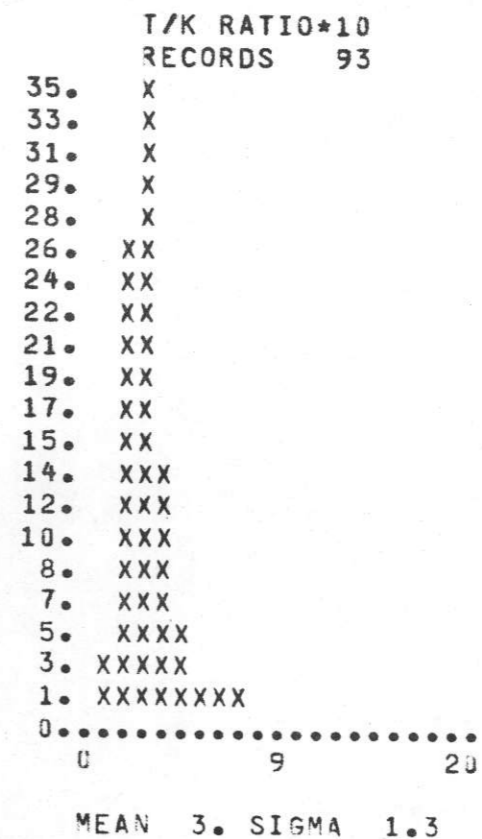
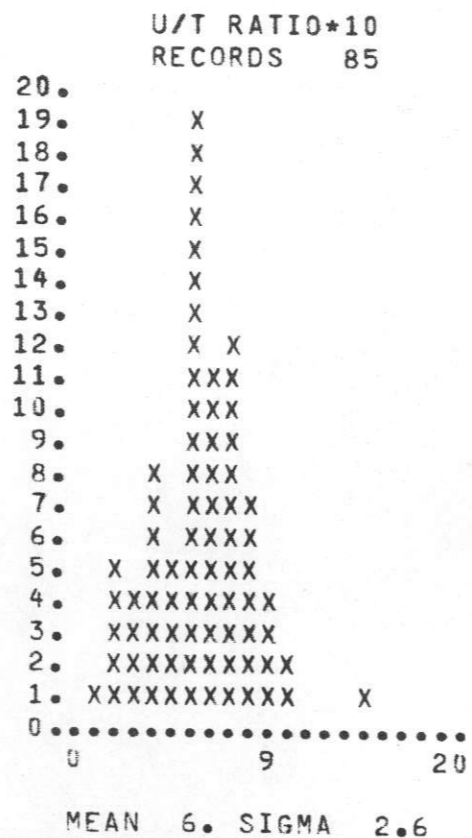
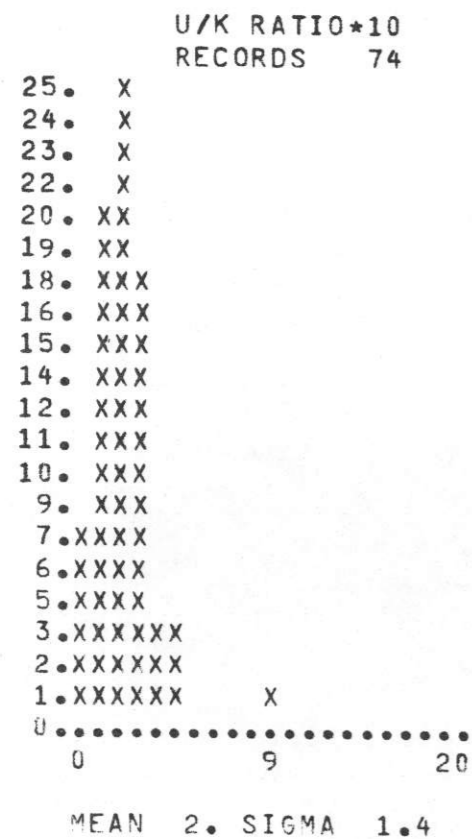
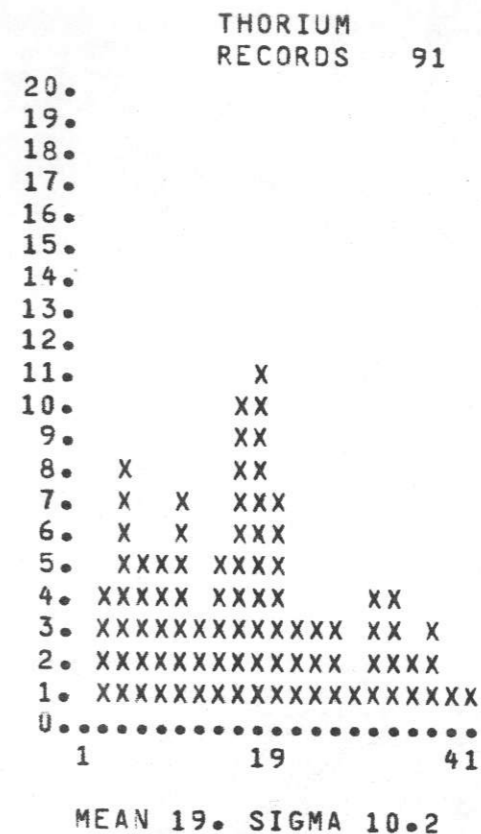
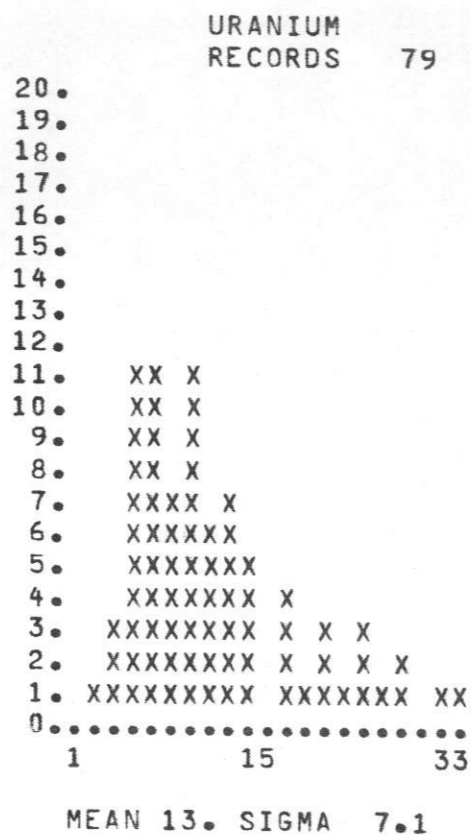
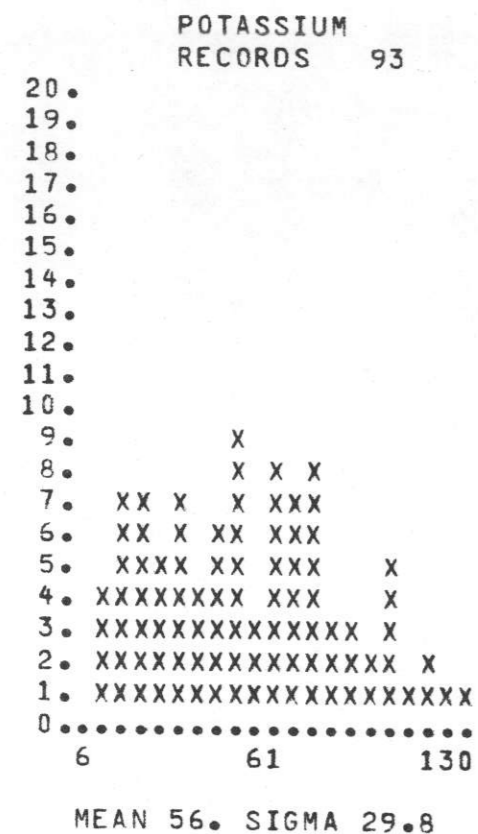


MEAN 4. SIGMA 1.7

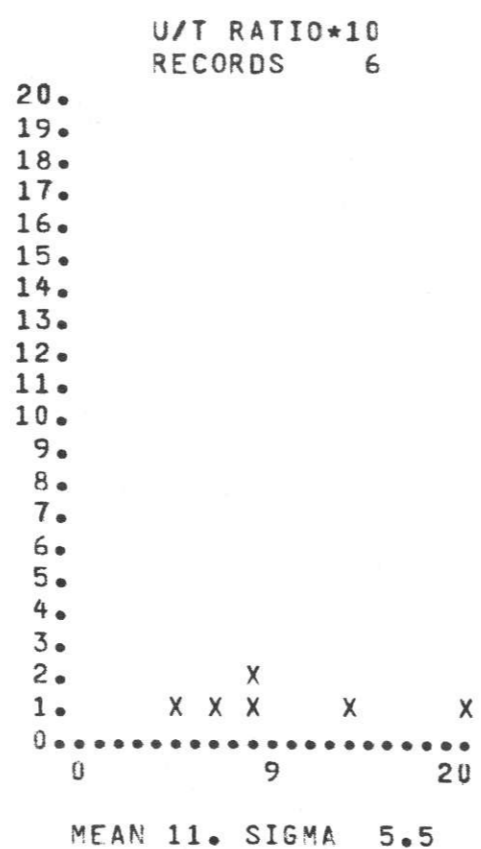
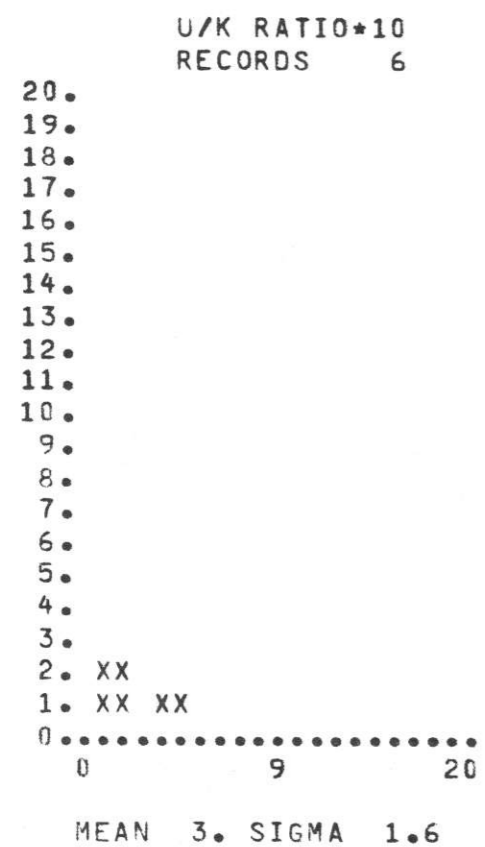
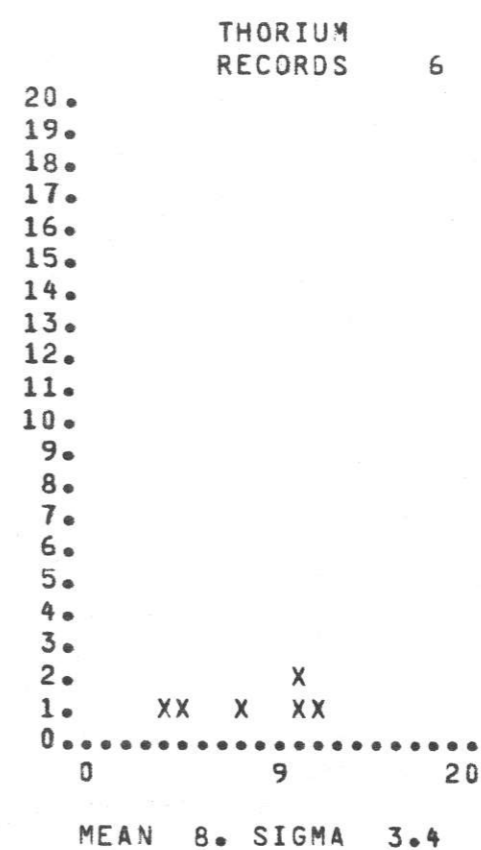
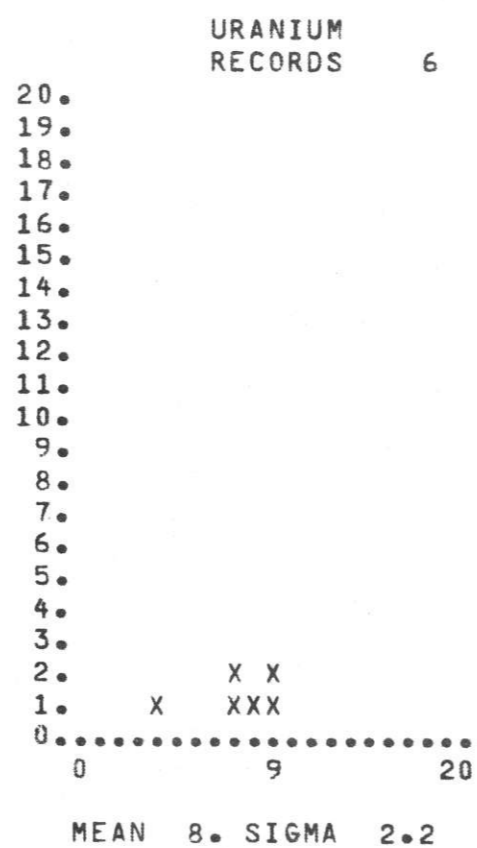
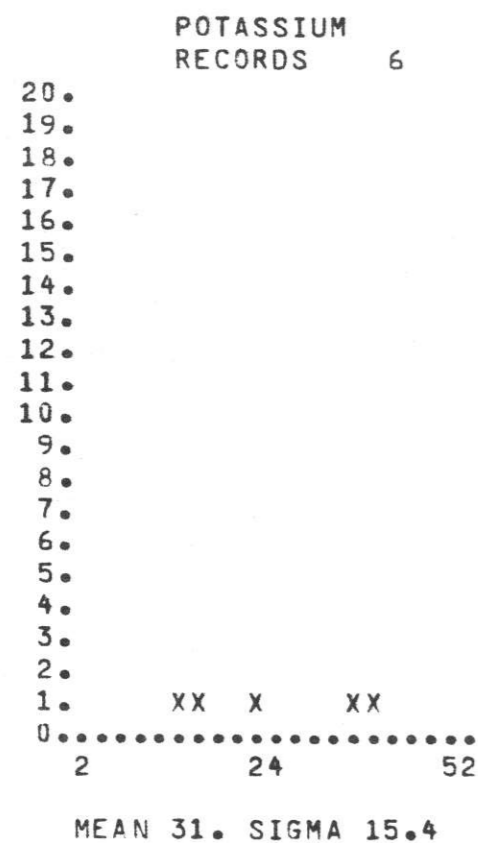
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT TKG



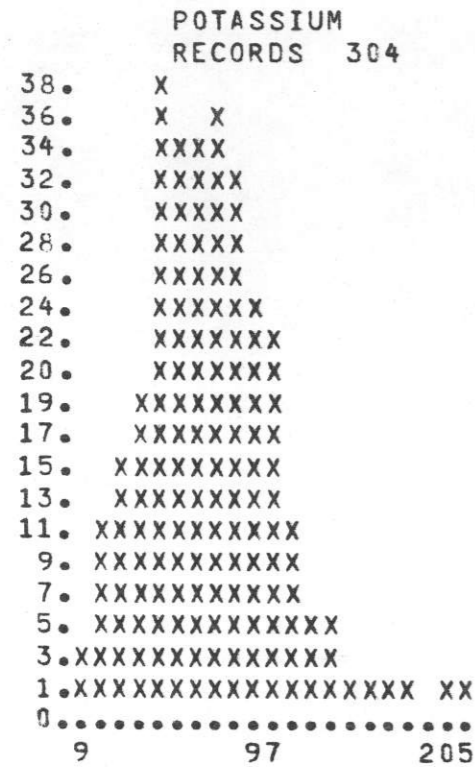
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT QD



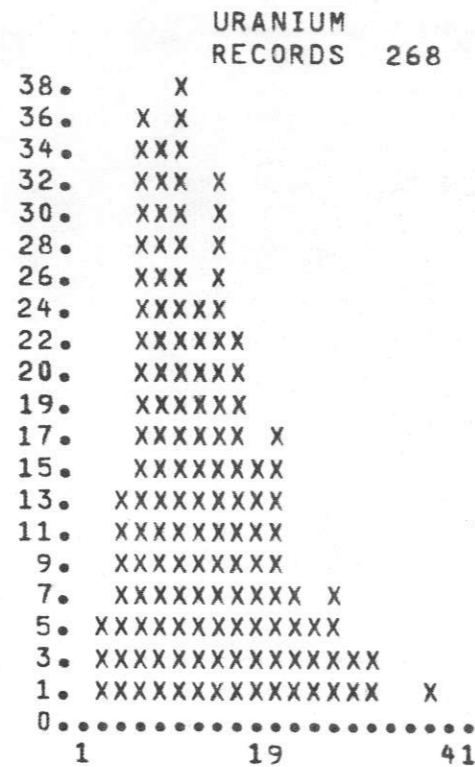
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GEOLOGIC UNIT KC



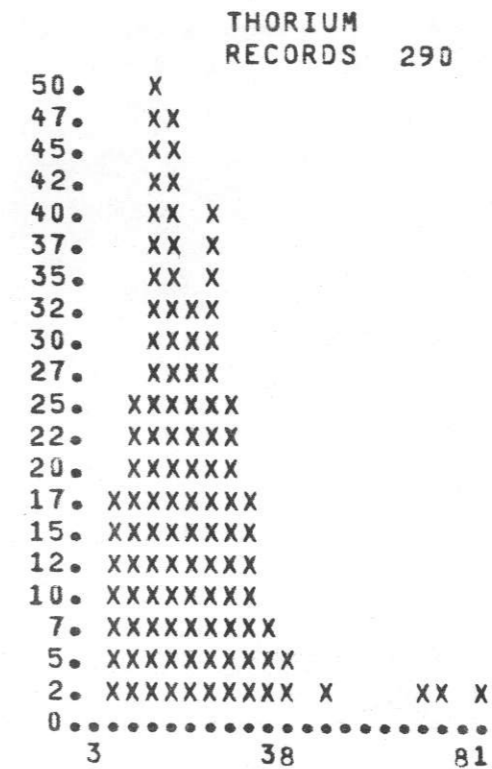
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT KG



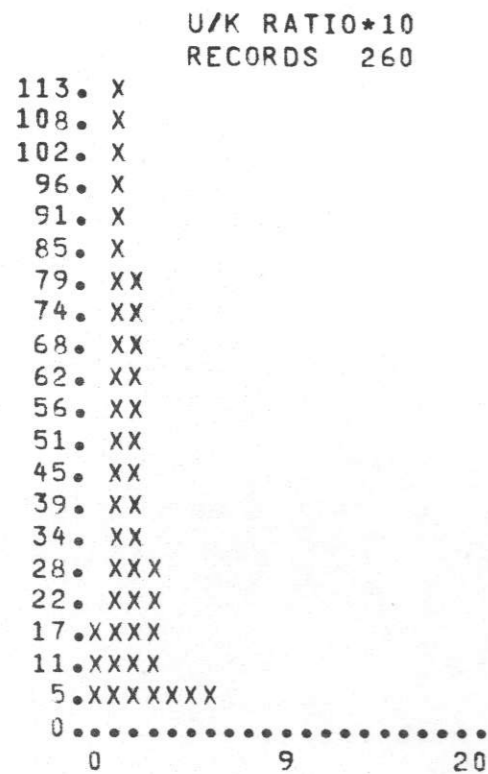
MEAN 70. SIGMA 34.3



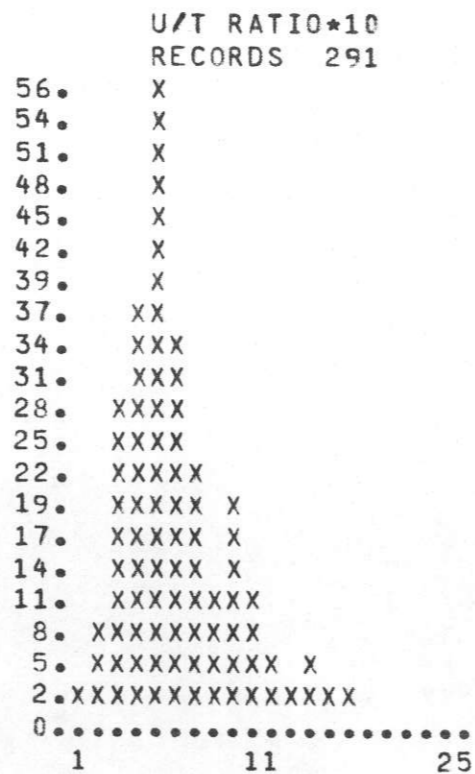
MEAN 14. SIGMA 6.8



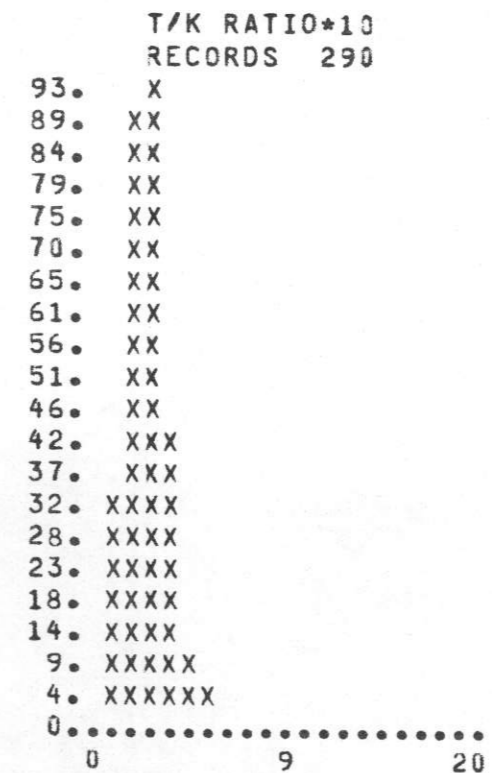
MEAN 22. SIGMA 13.0



MEAN 2. SIGMA 1.9

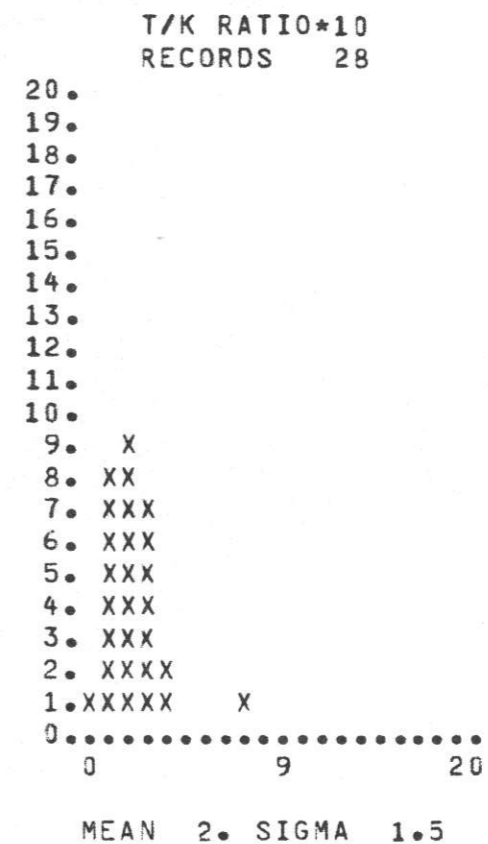
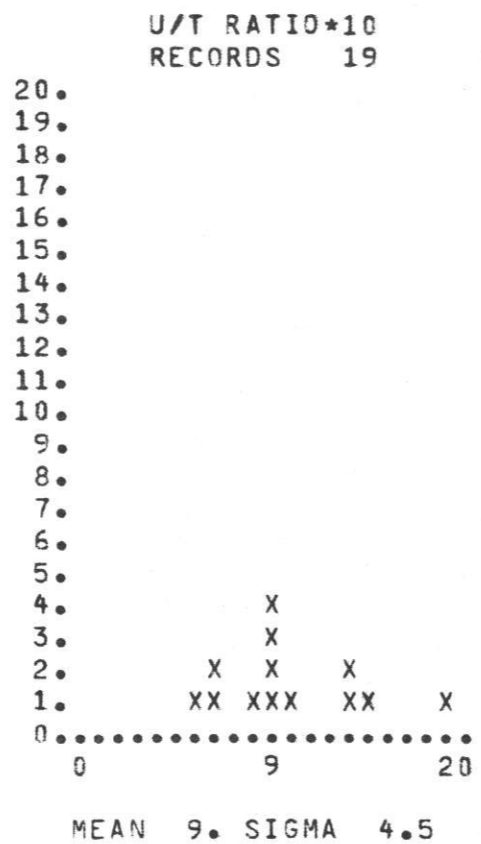
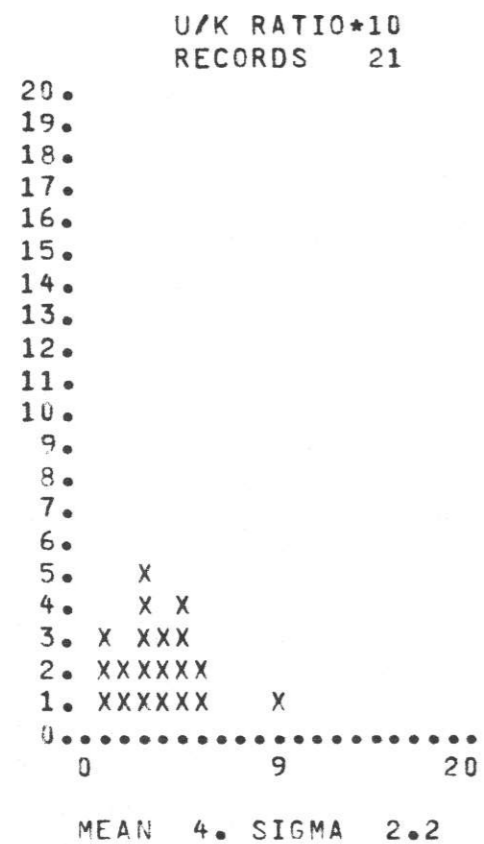
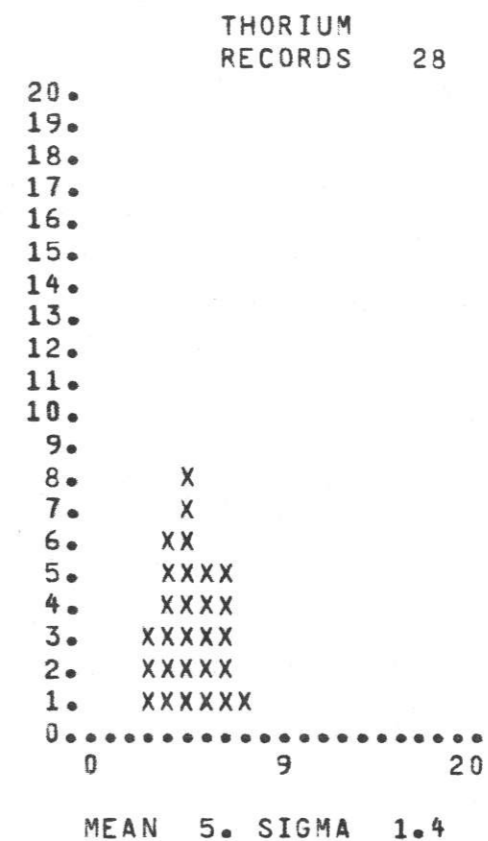
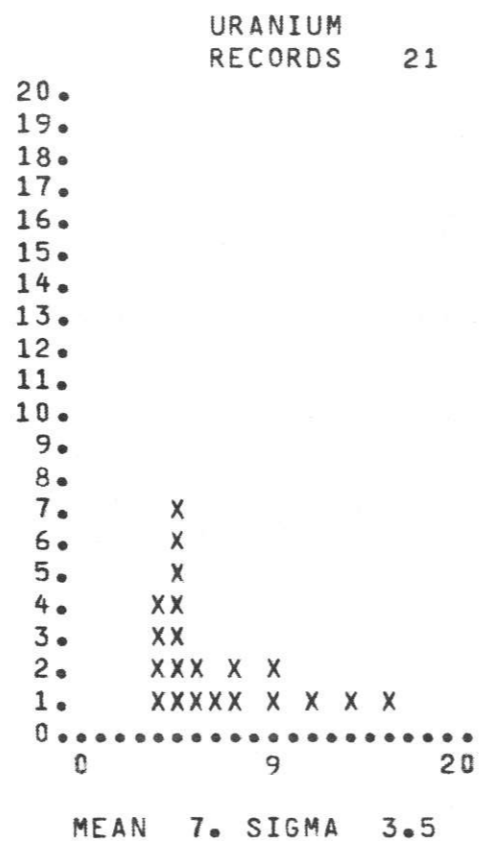
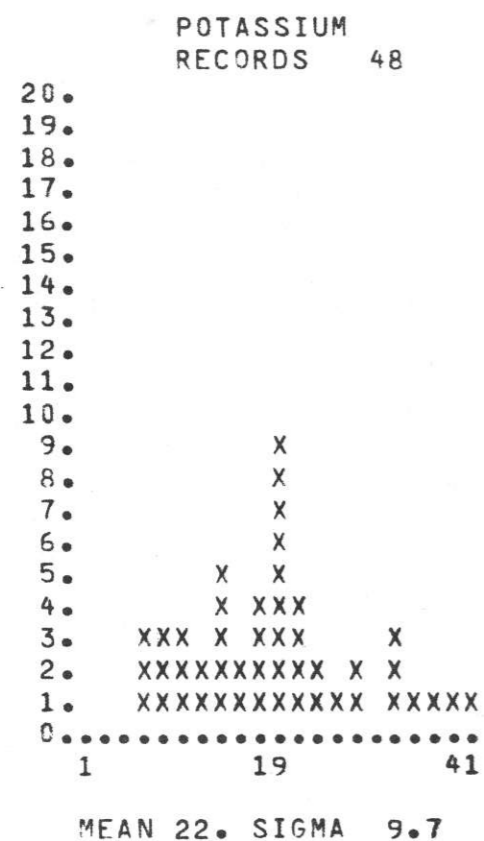


MEAN 7. SIGMA 4.1

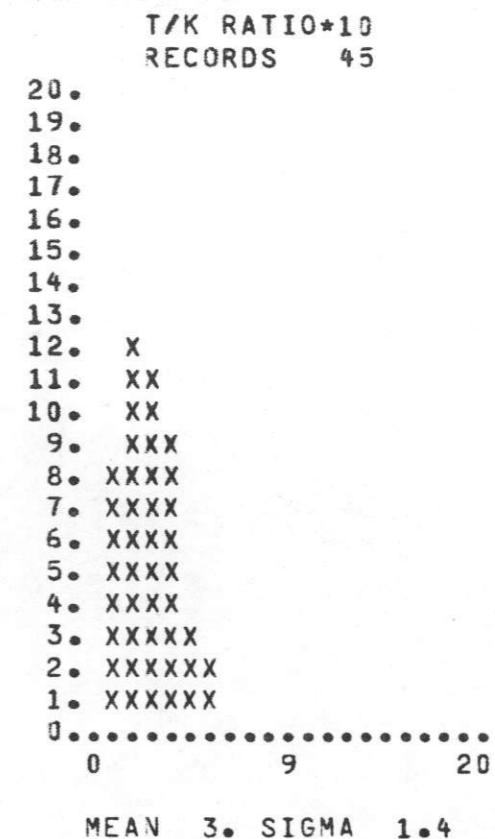
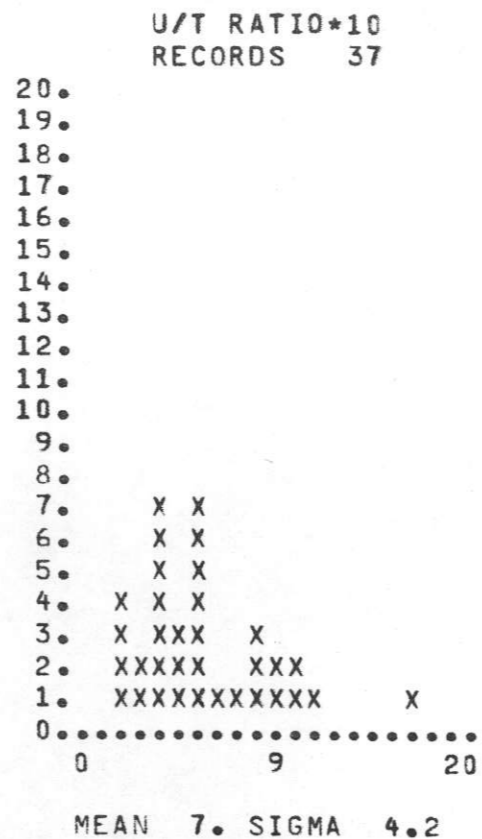
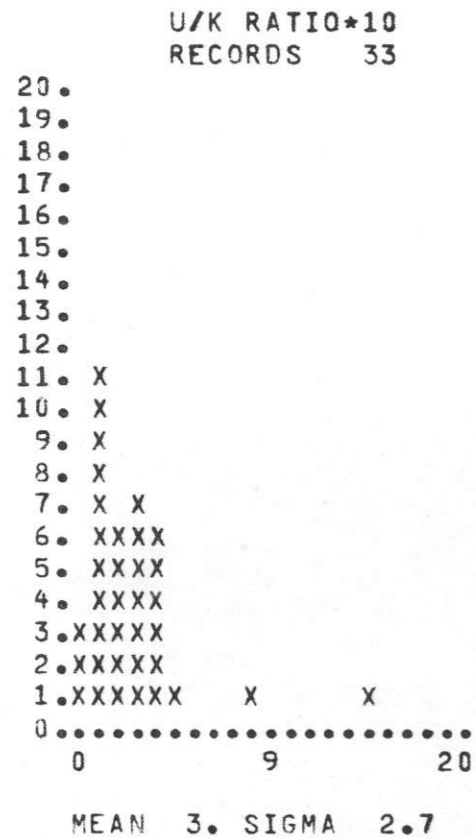
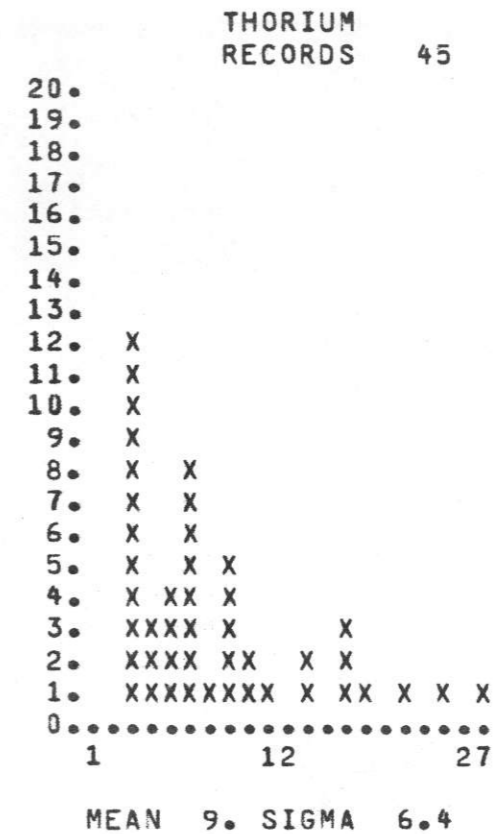
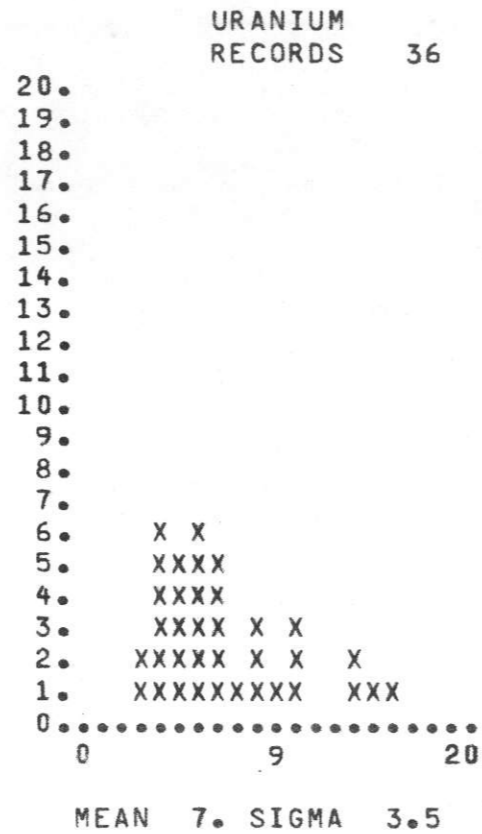
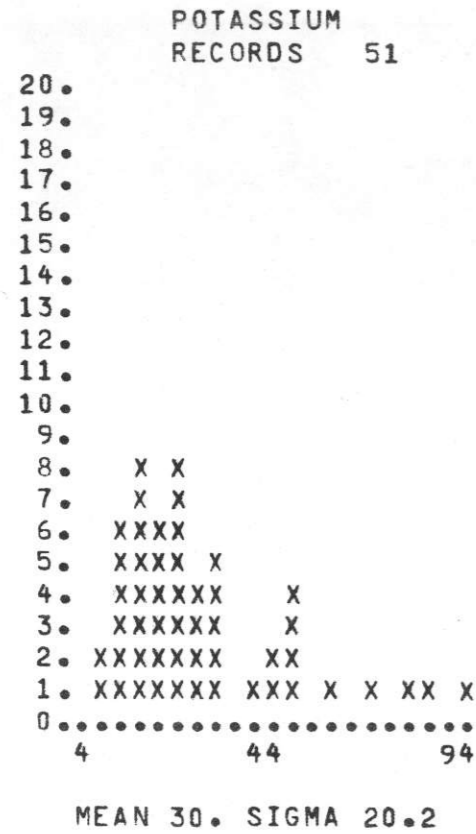


MEAN 3. SIGMA 1.5

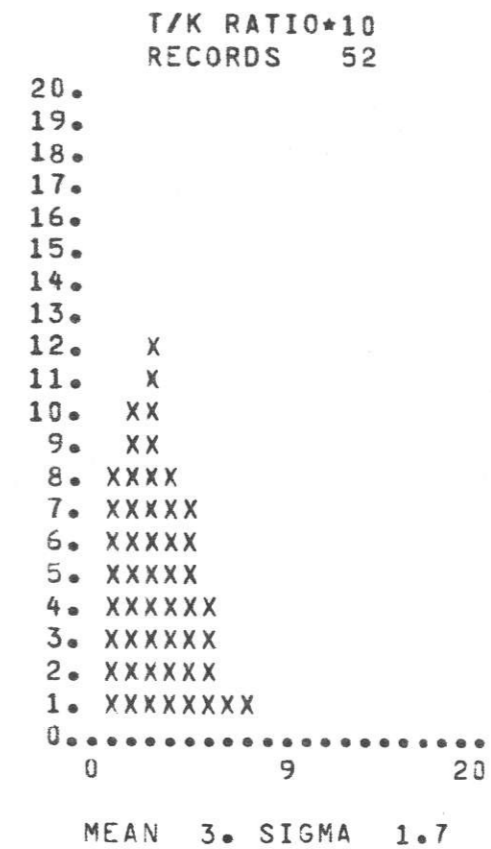
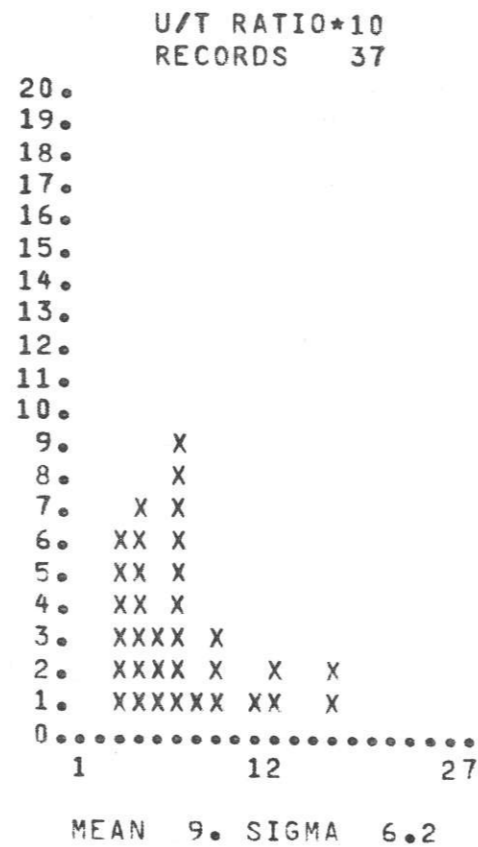
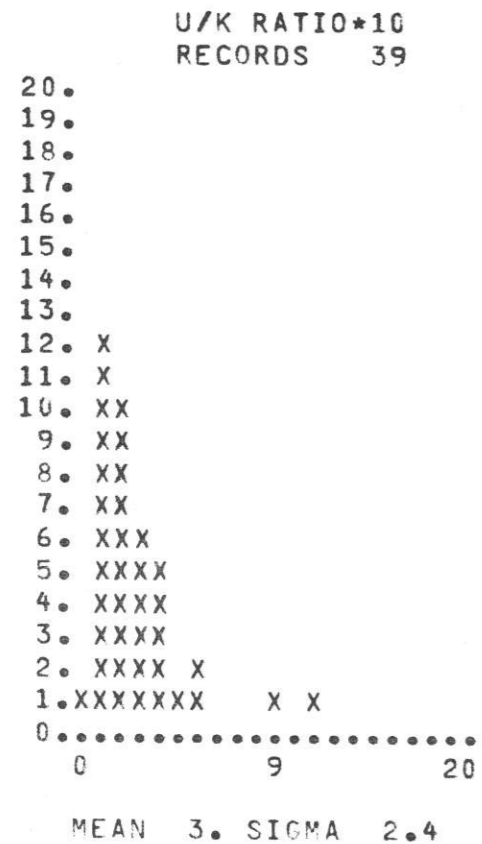
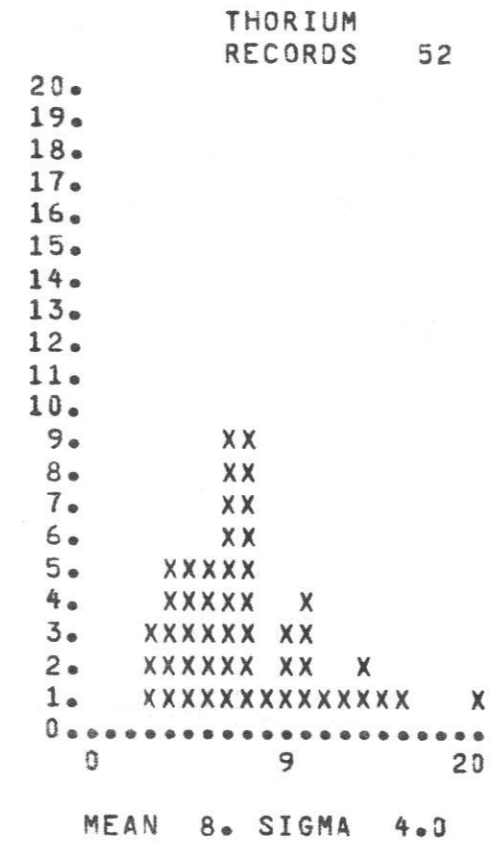
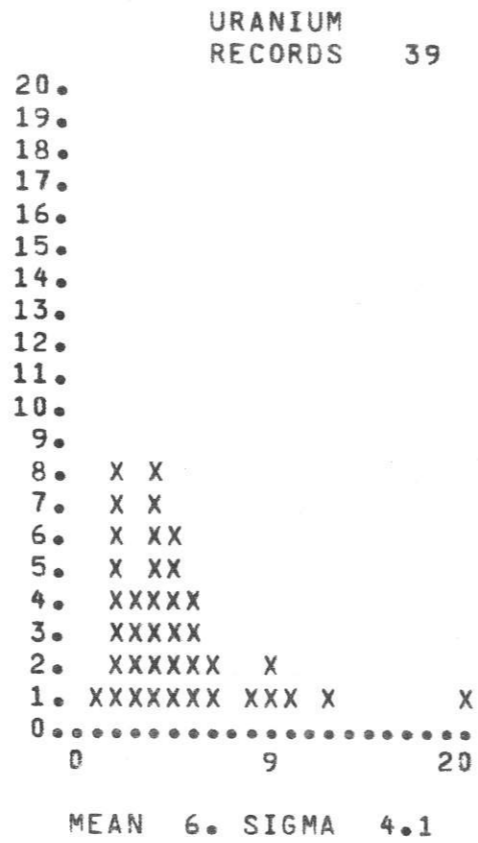
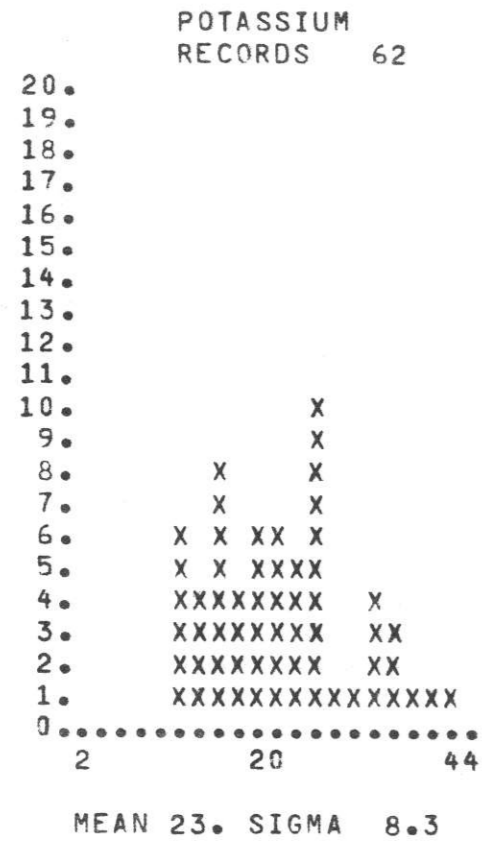
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT KJV



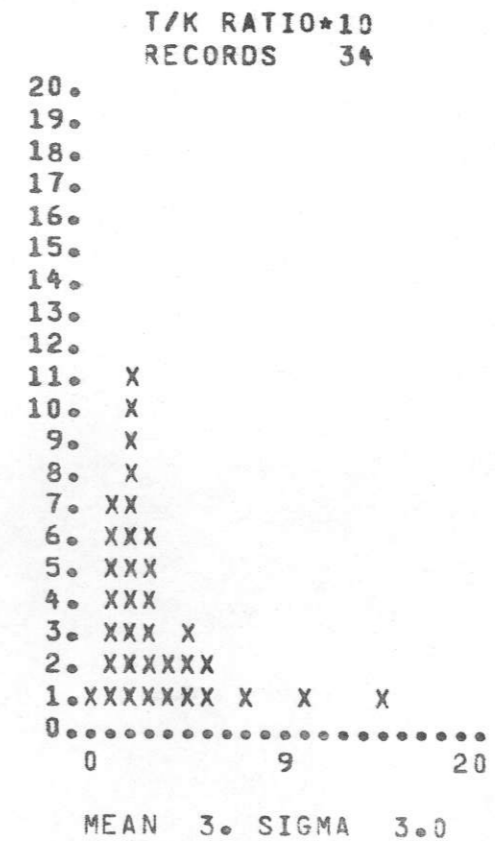
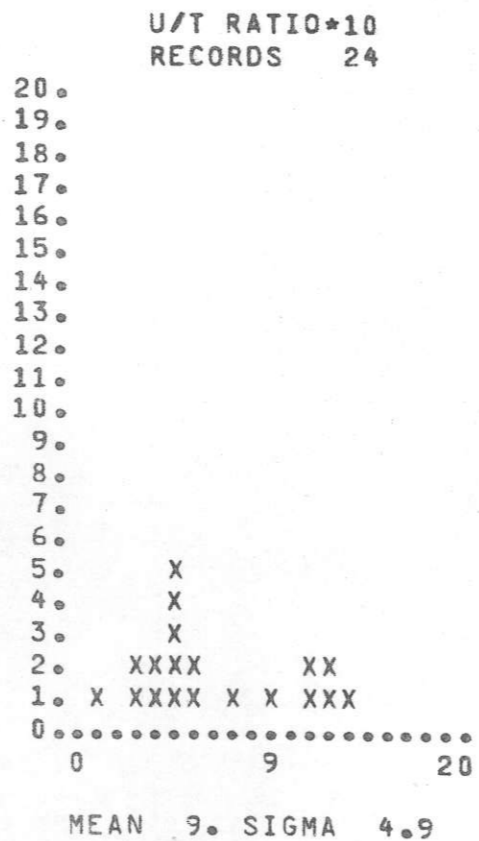
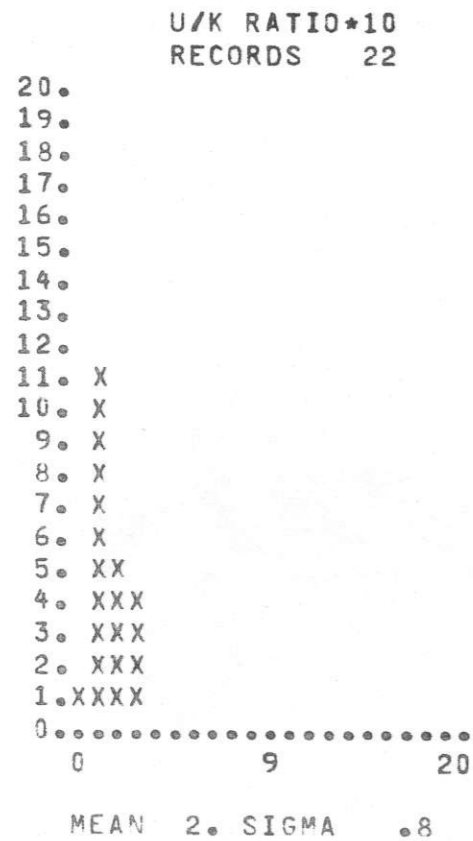
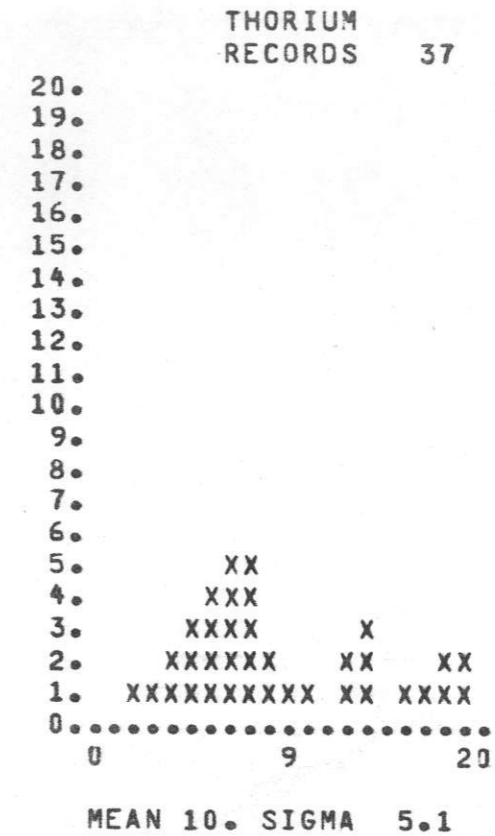
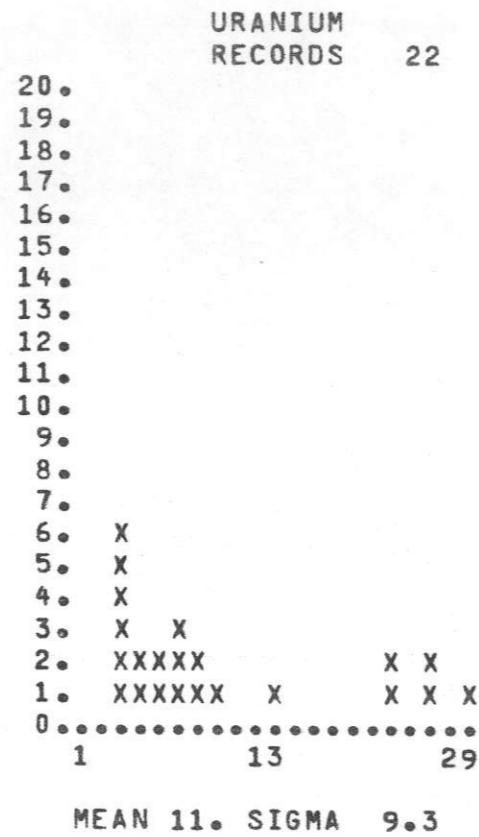
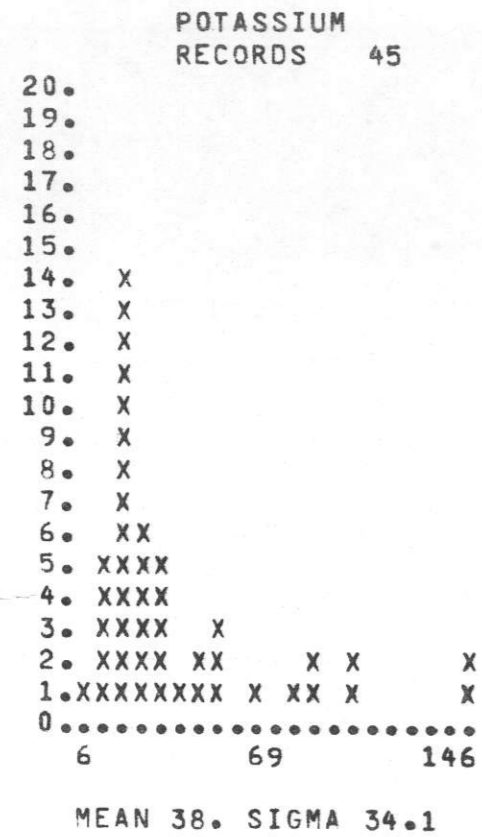
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT MZG



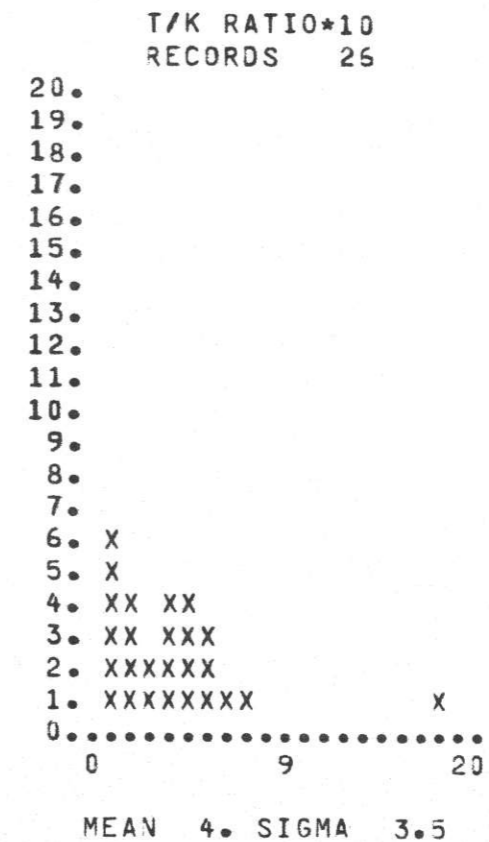
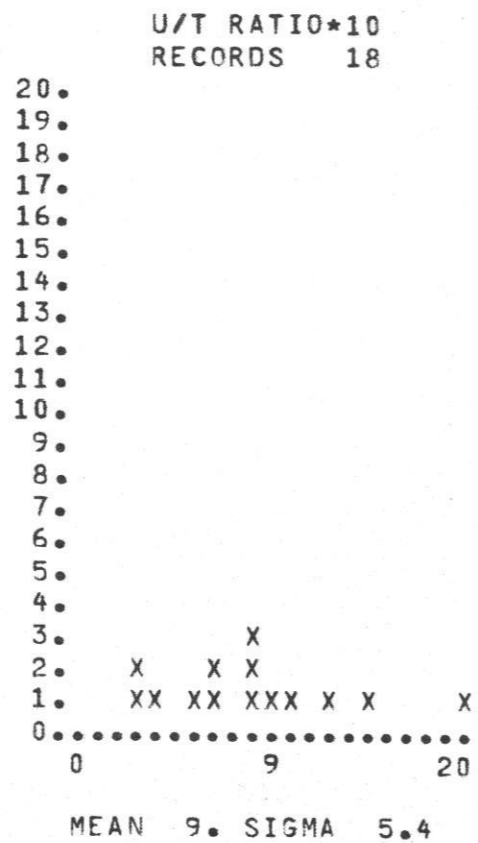
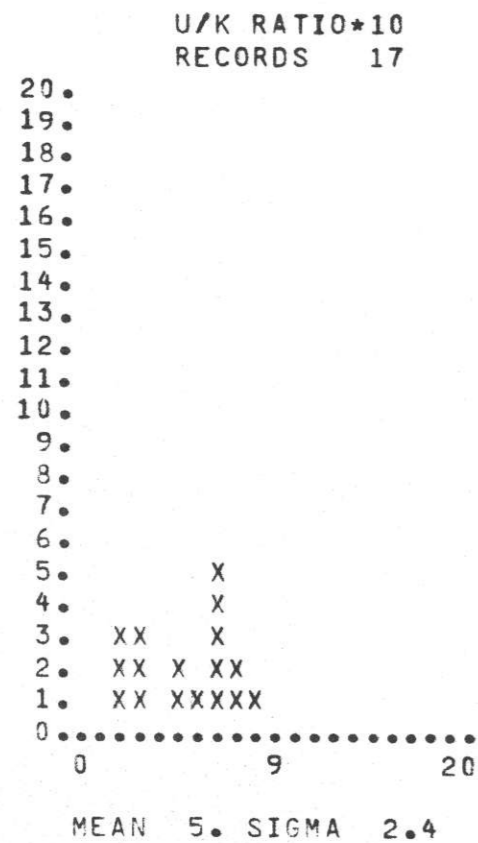
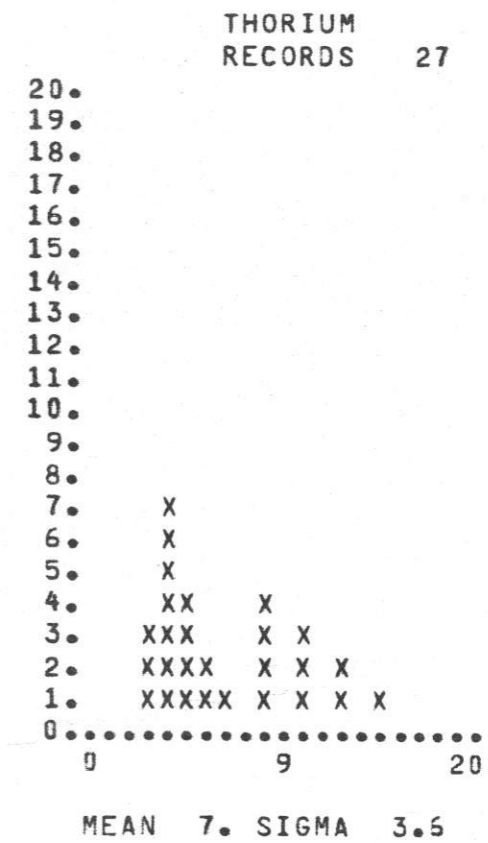
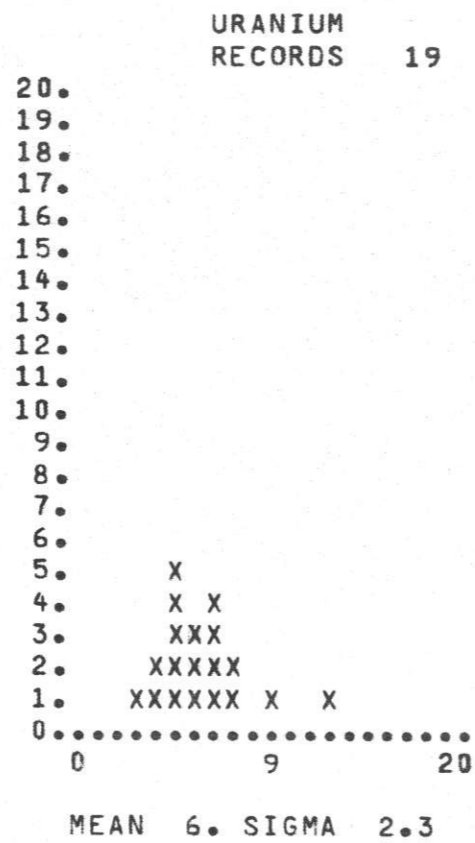
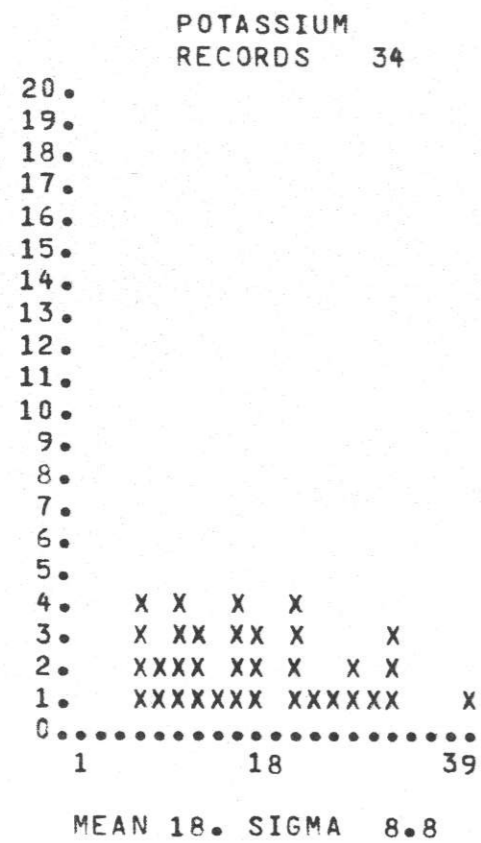
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT KJS



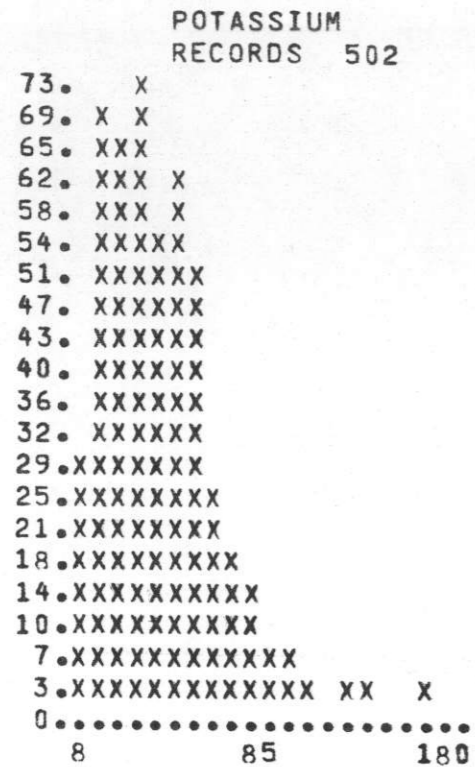
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT MZV



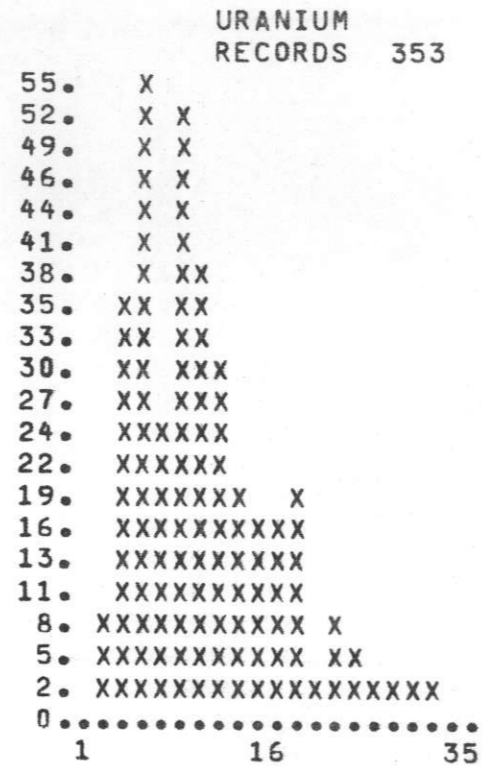
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT TRV



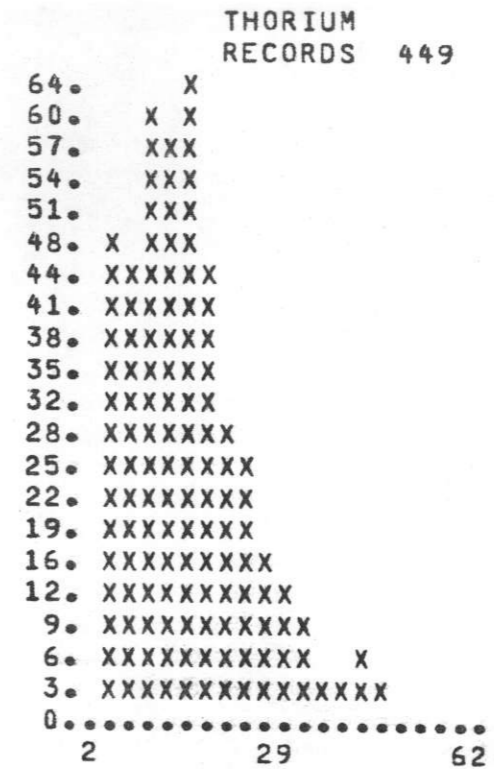
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
 GEOLOGIC UNIT MZPZ



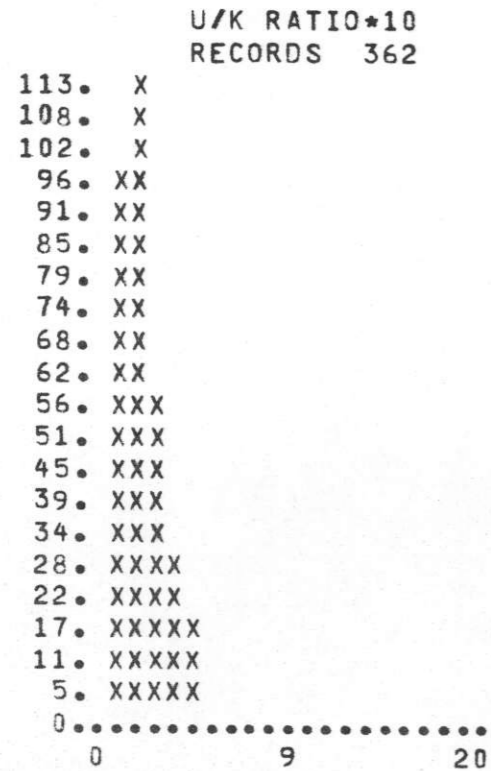
MEAN 41. SIGMA 27.7



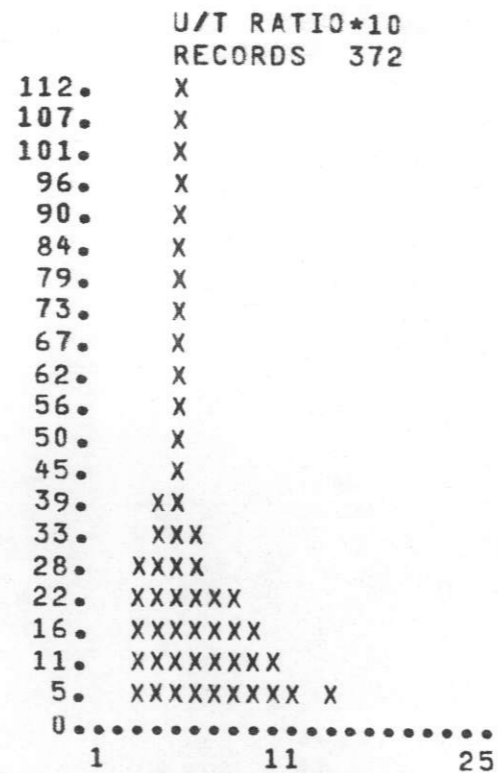
MEAN 12. SIGMA 6.7



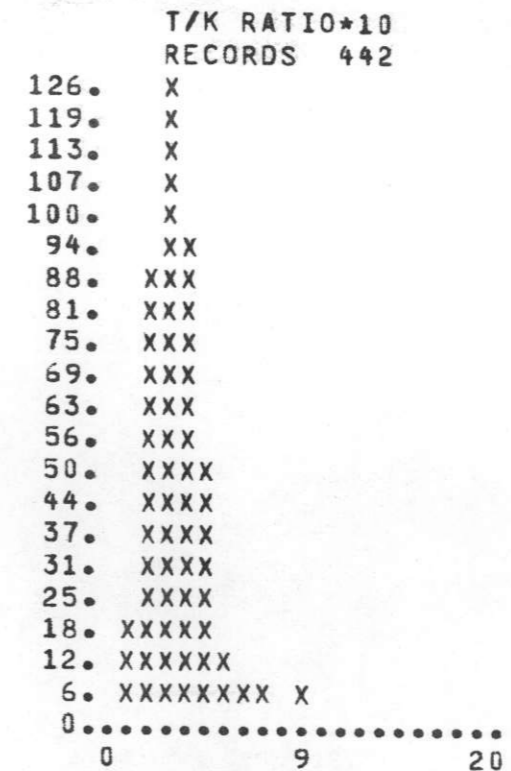
MEAN 17. SIGMA 10.5



MEAN 3. SIGMA 2.3

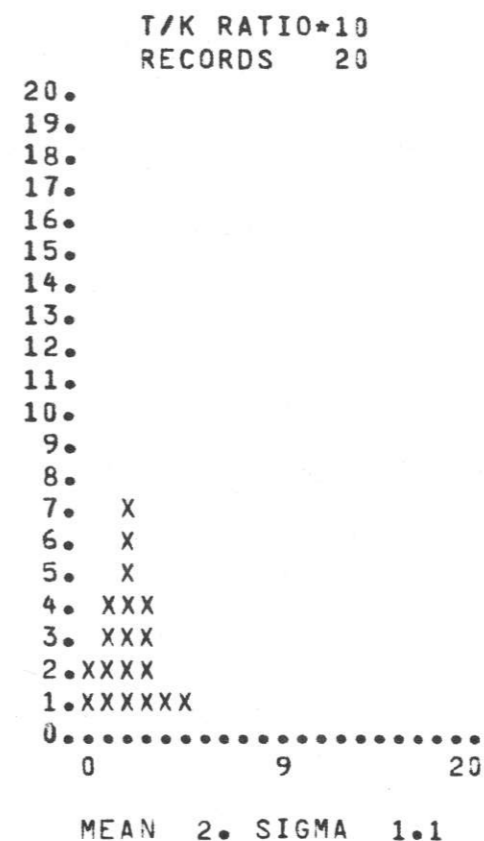
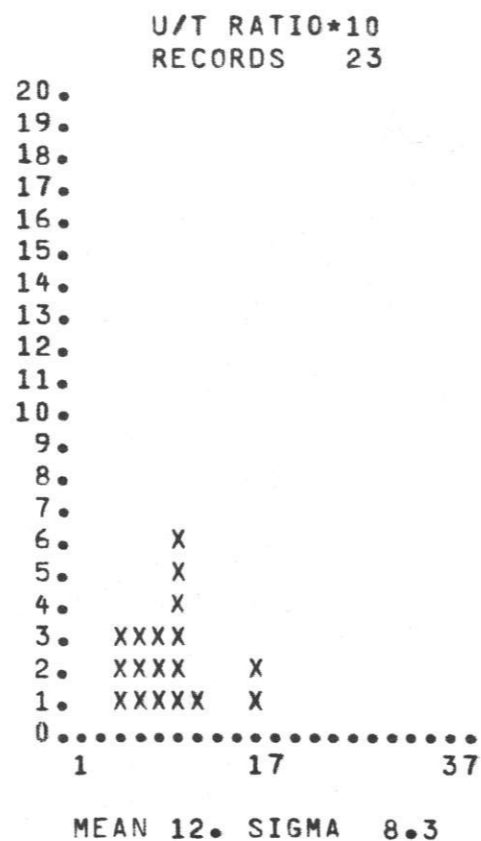
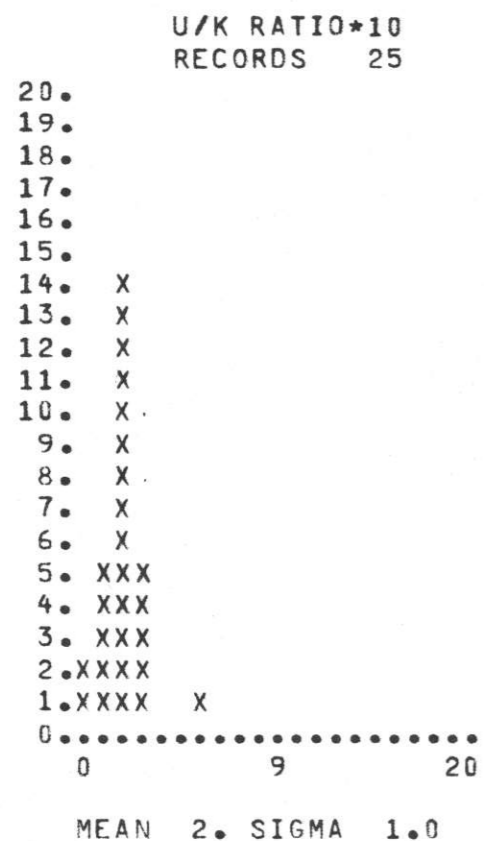
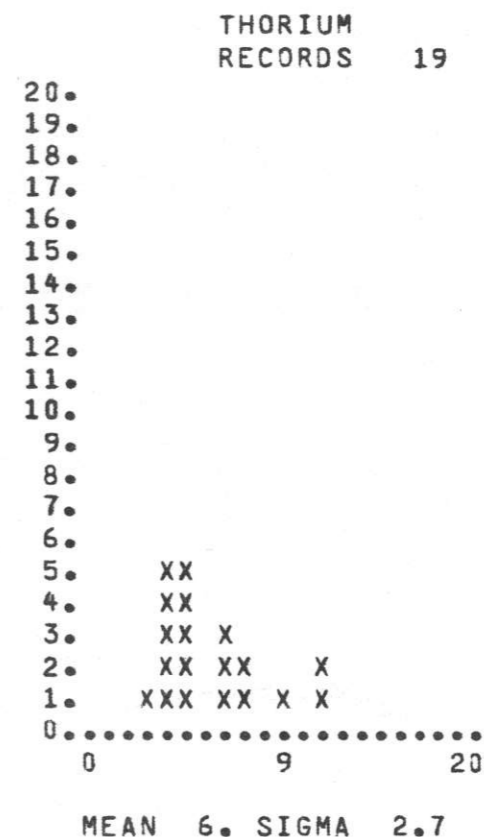
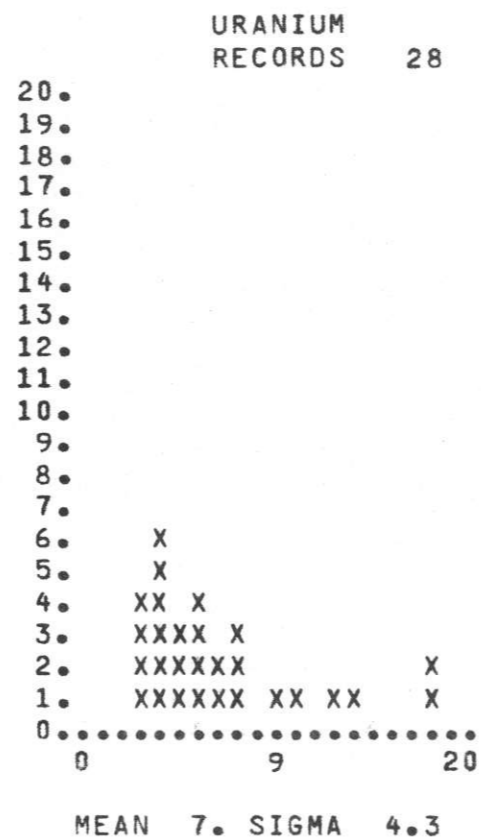
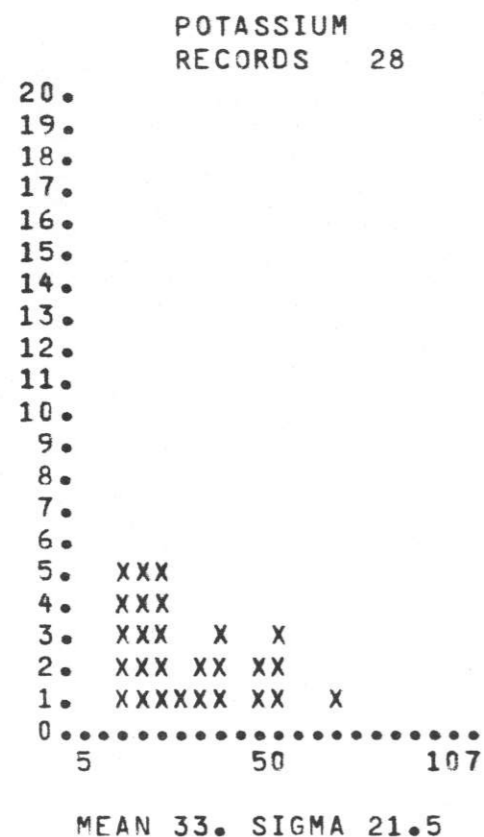


MEAN 7. SIGMA 3.9

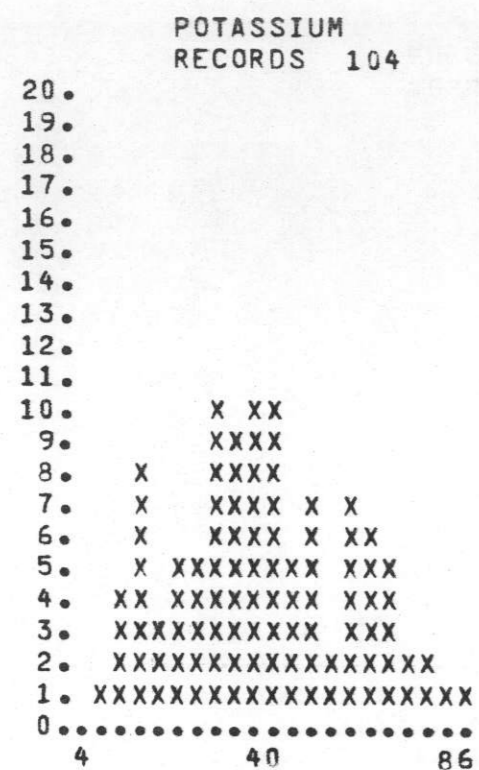


MEAN 4. SIGMA 2.0

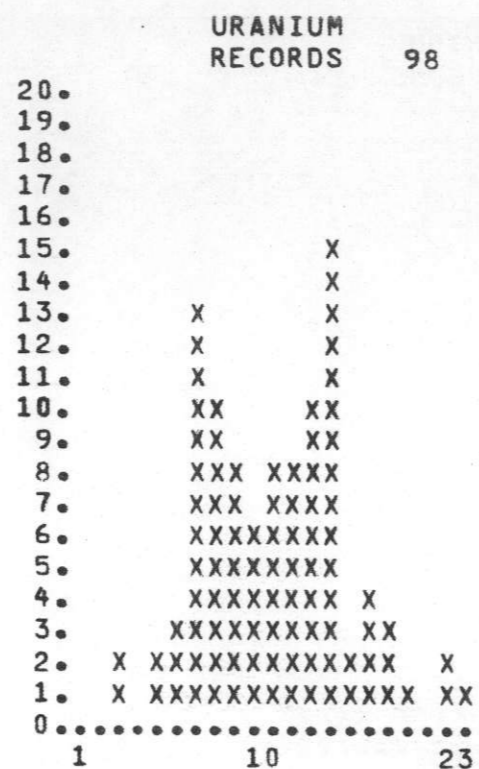
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT MZPV



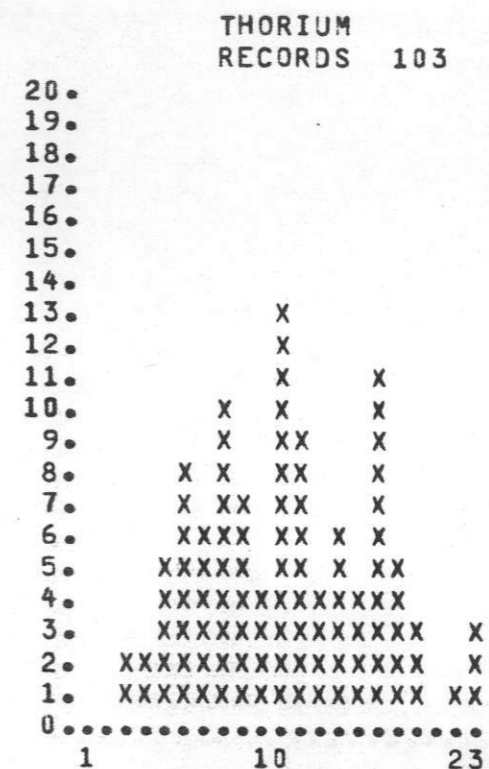
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
 GEOLOGIC UNIT DS



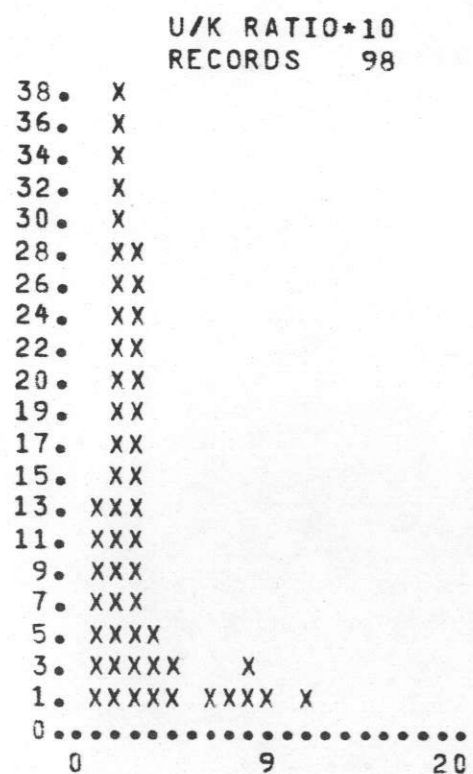
MEAN 42. SIGMA 19.1



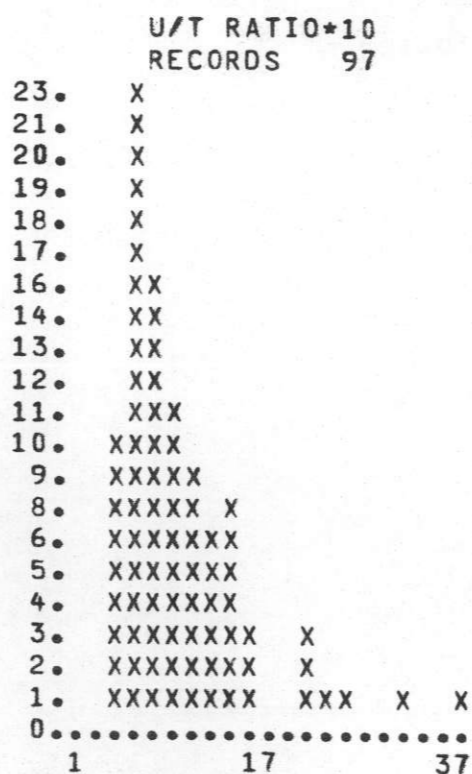
MEAN 12. SIGMA 4.2



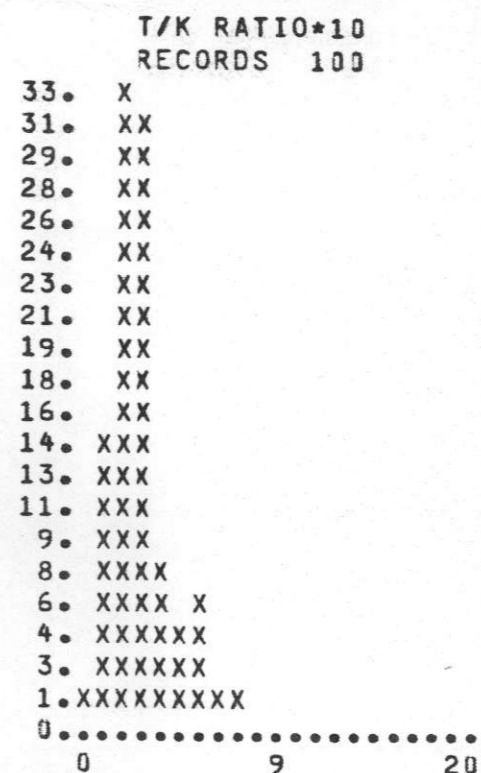
MEAN 13. SIGMA 5.3



MEAN 3. SIGMA 2.1

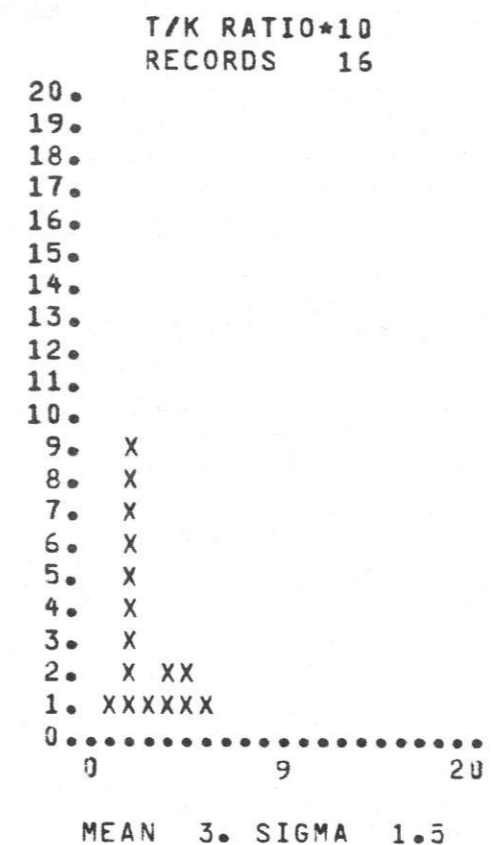
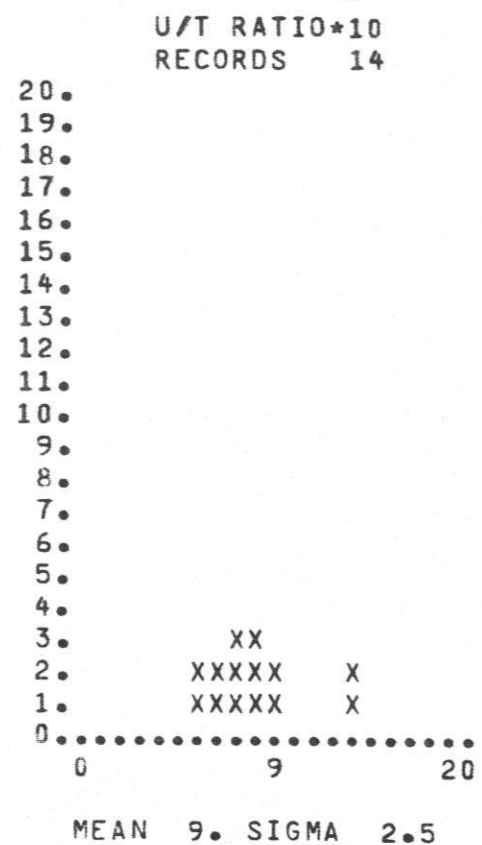
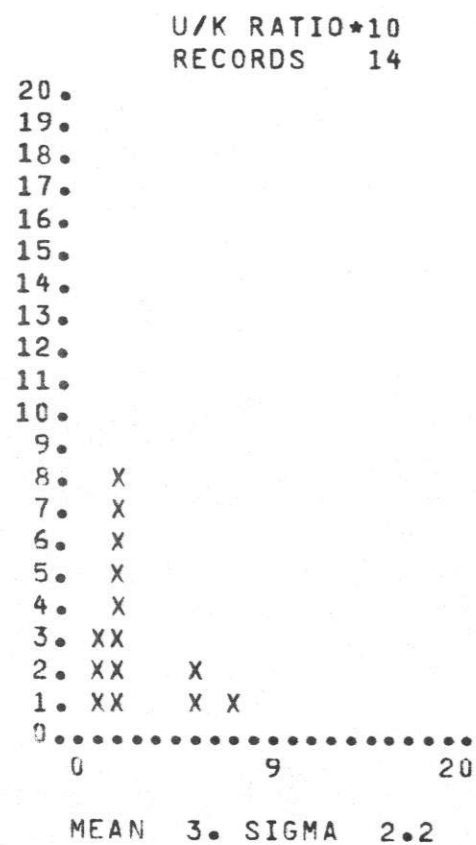
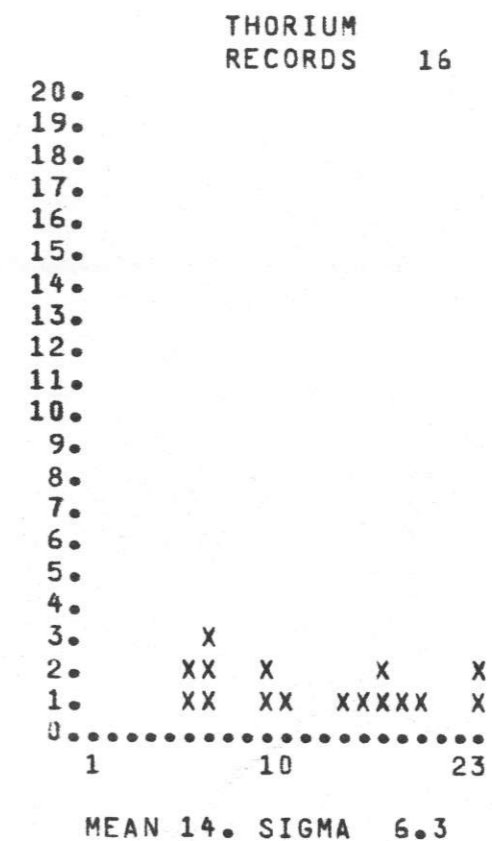
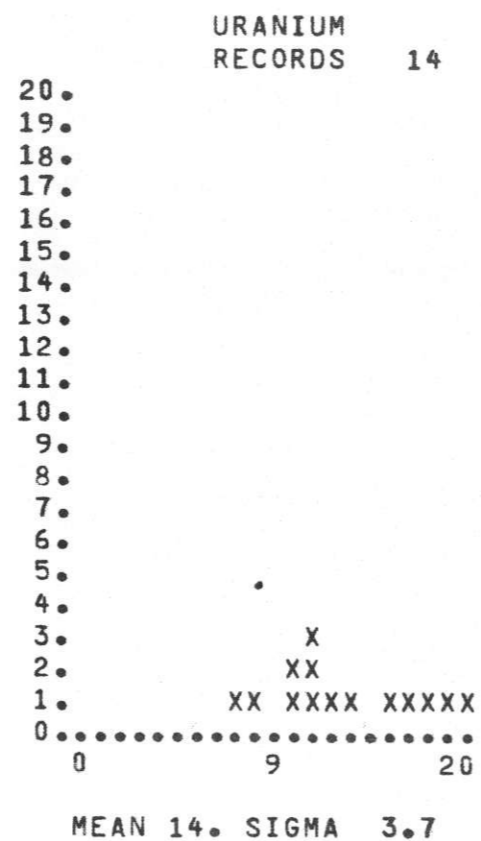
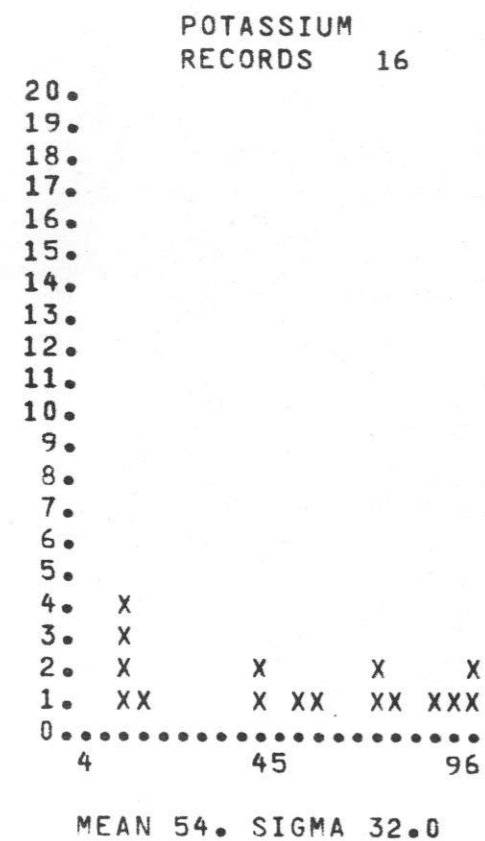


MEAN 10. SIGMA 6.0

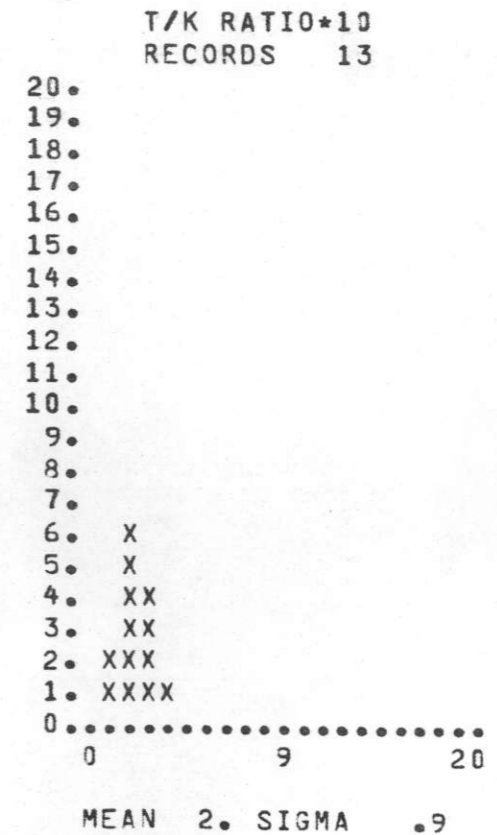
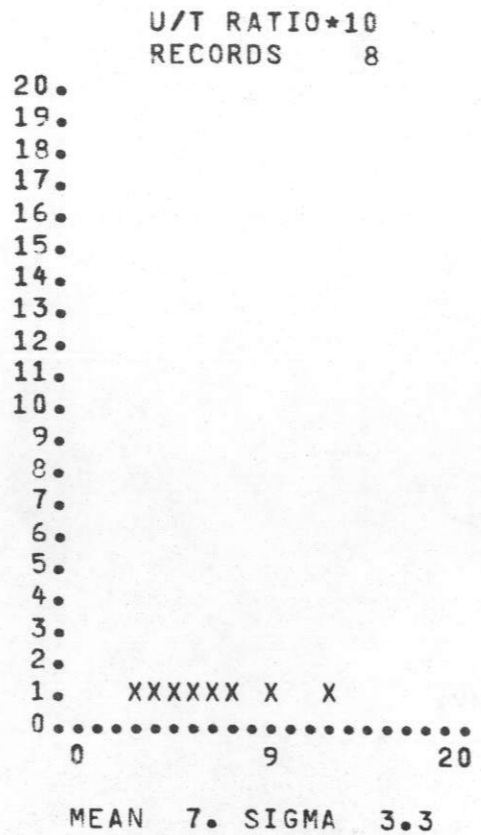
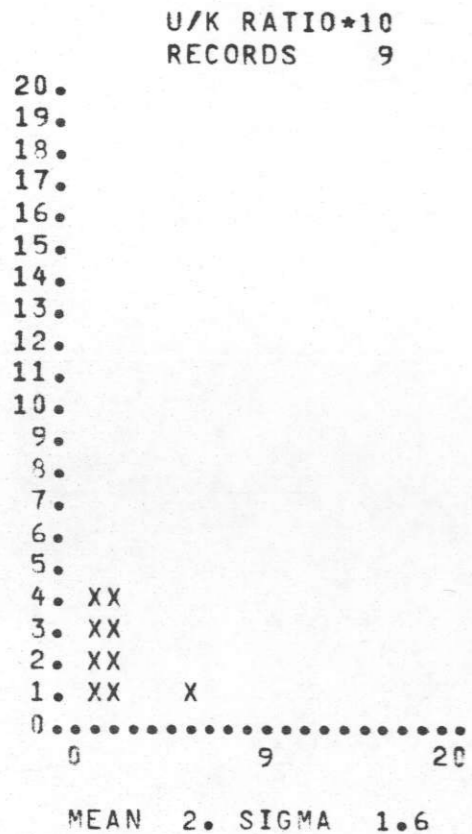
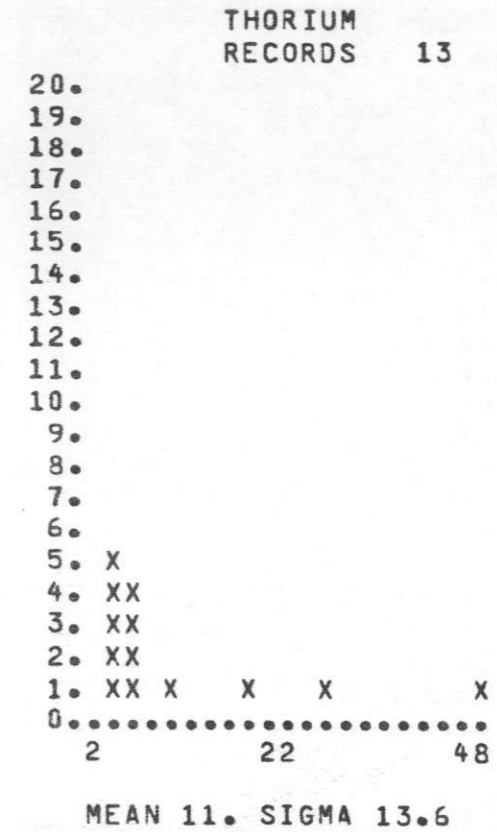
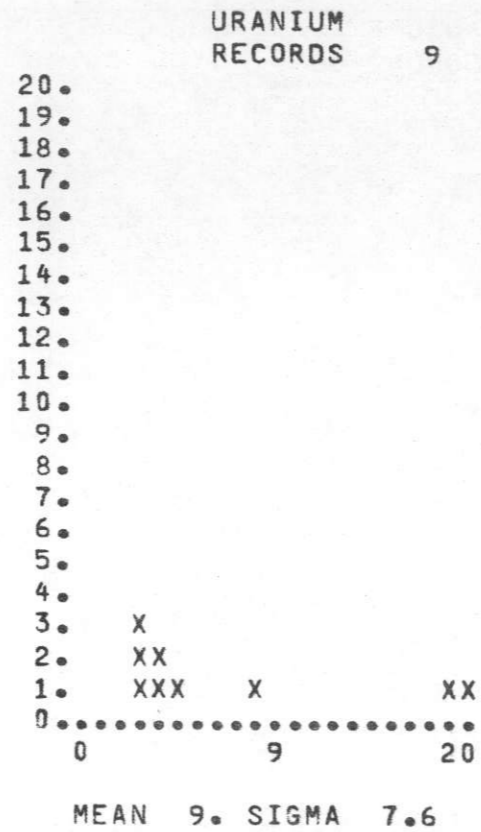
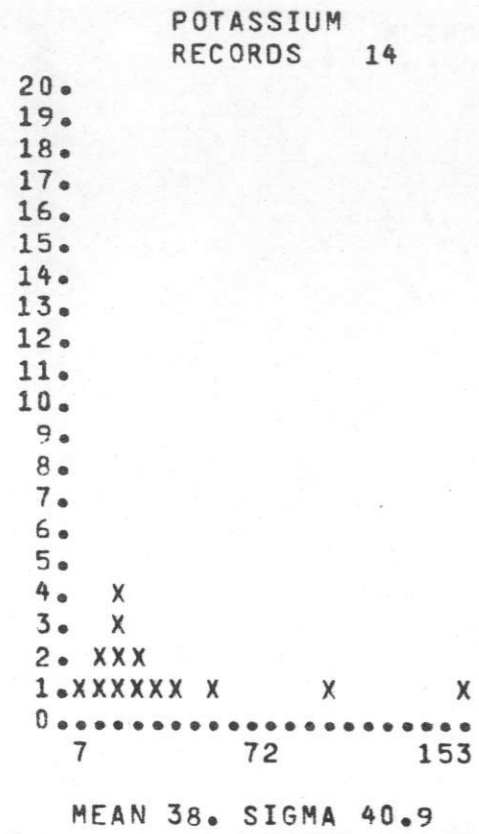


MEAN 3. SIGMA 1.6

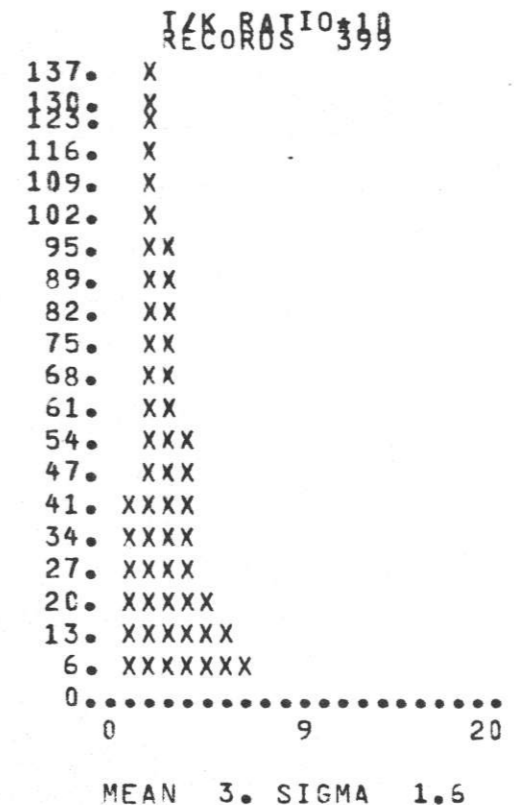
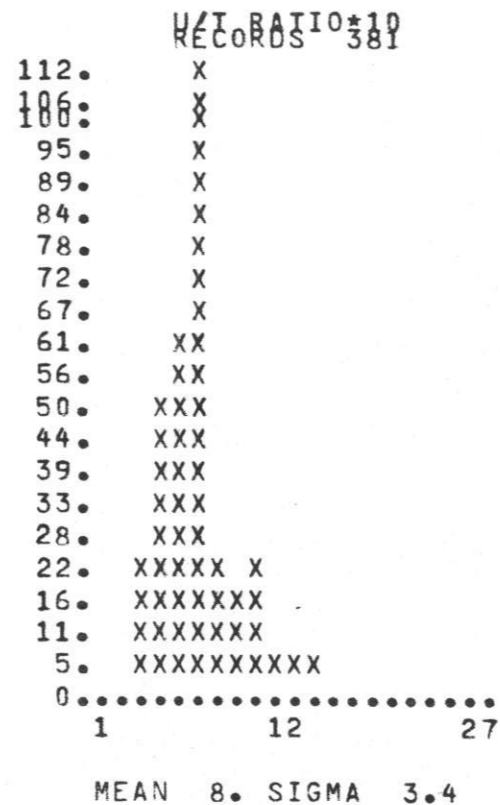
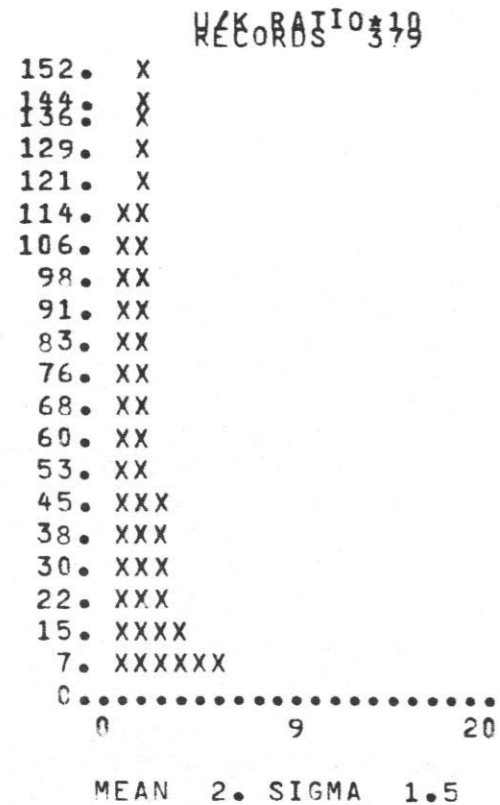
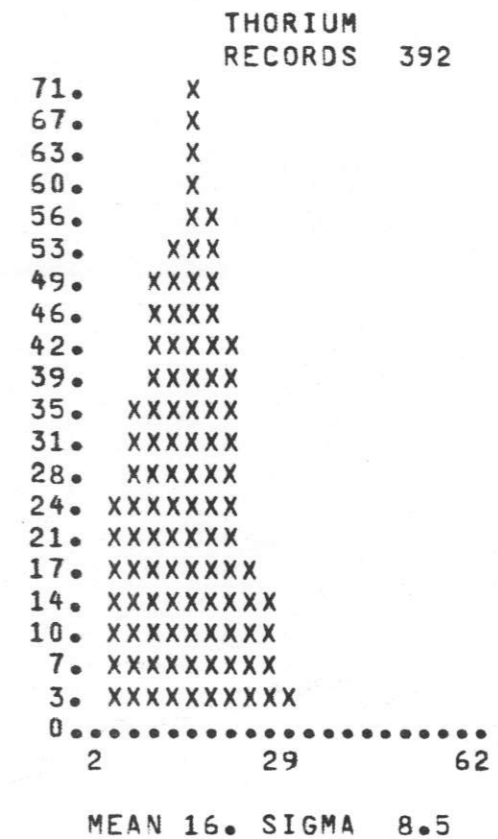
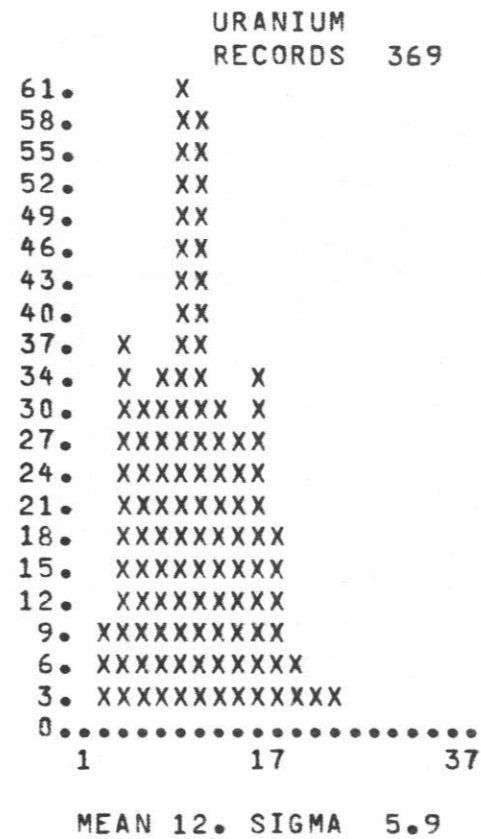
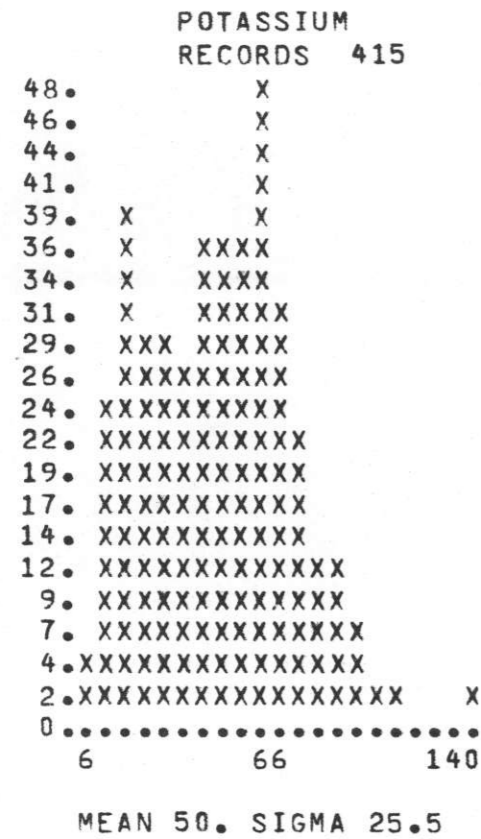
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT DSA



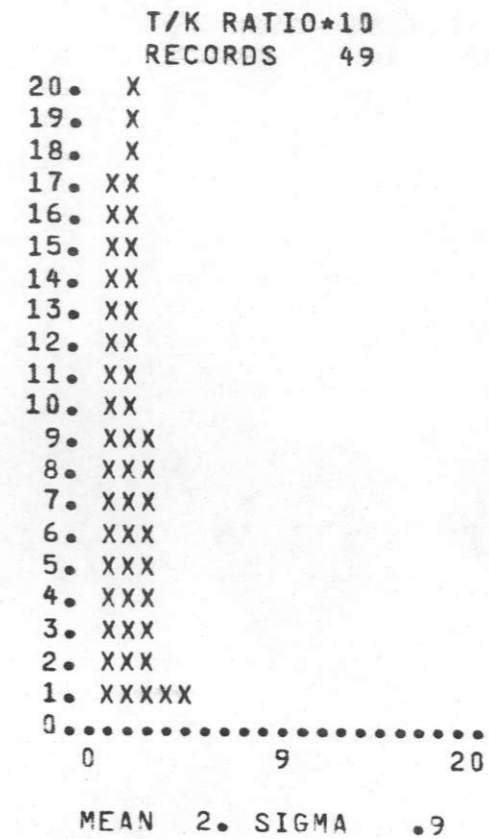
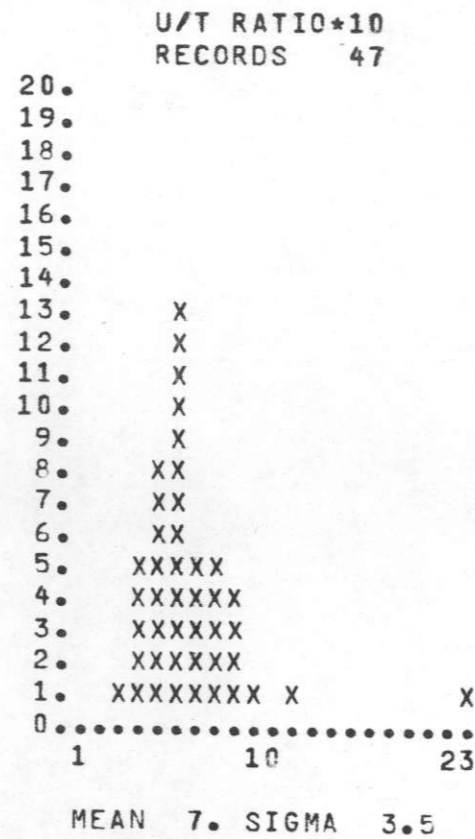
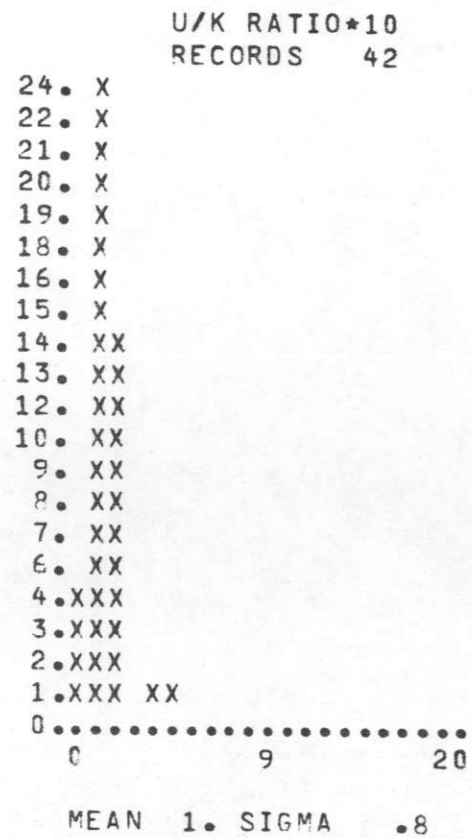
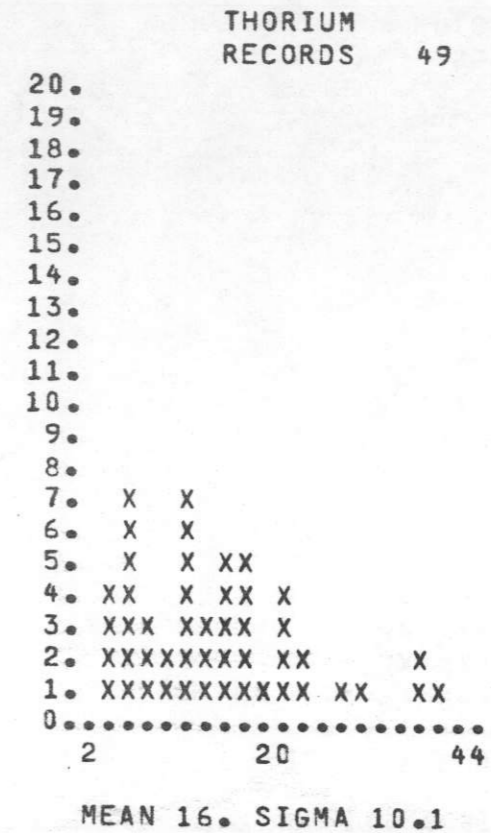
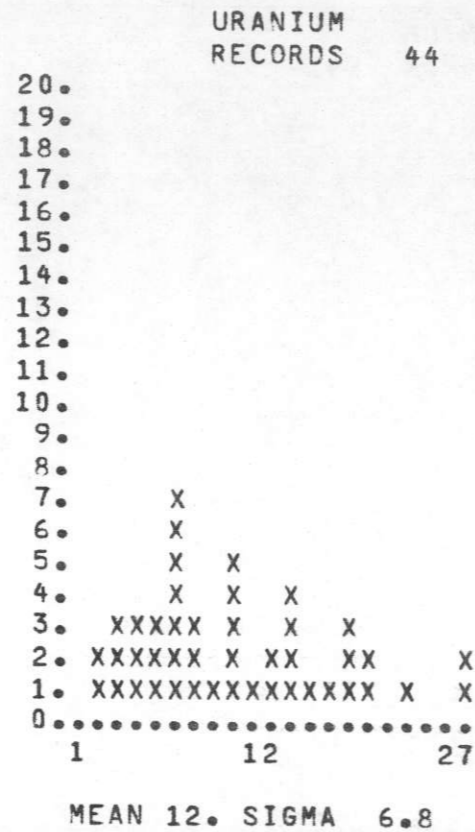
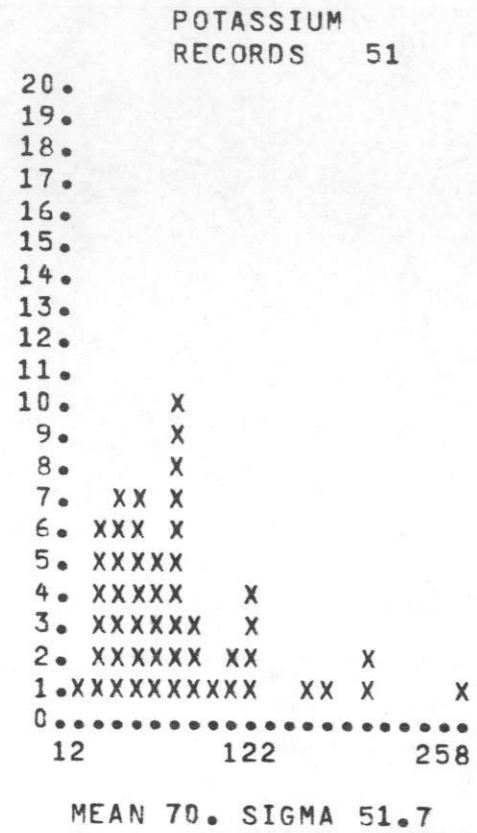
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT PL



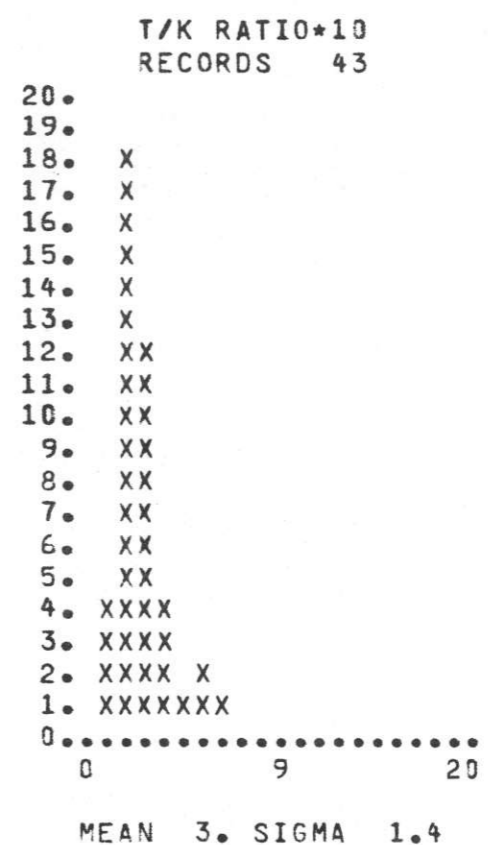
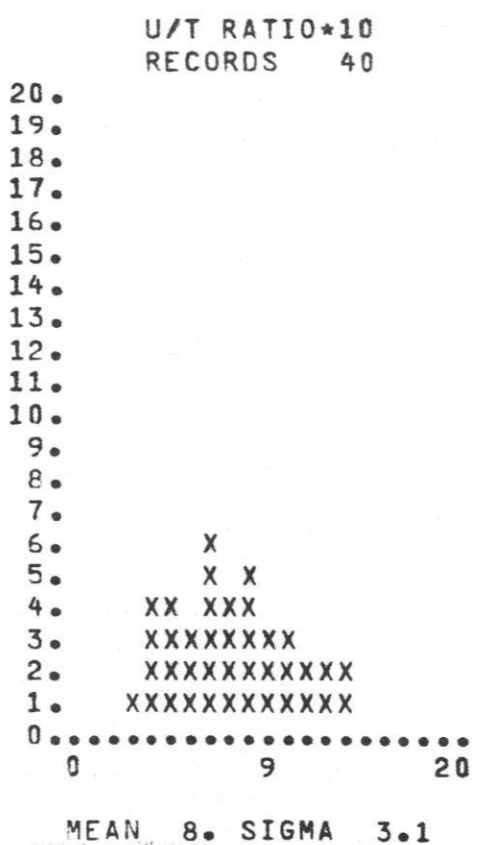
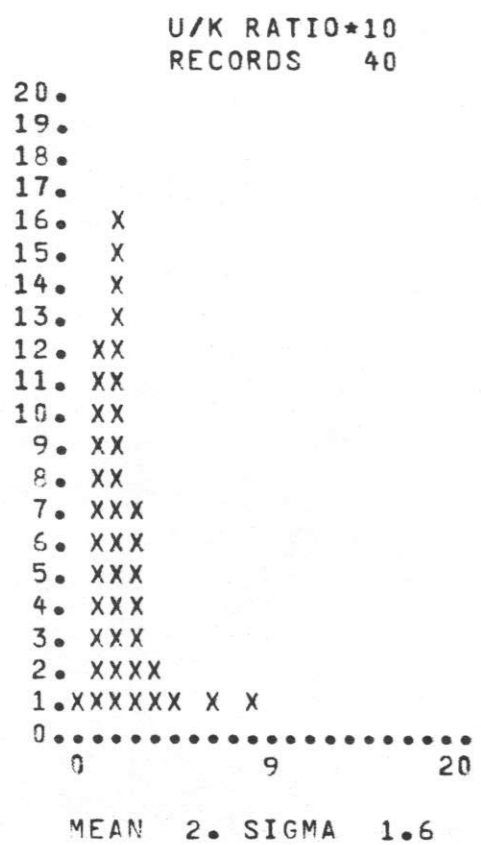
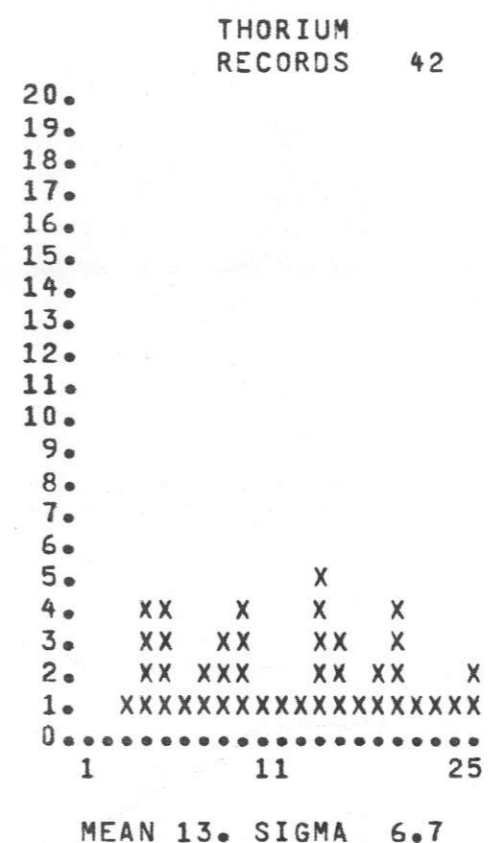
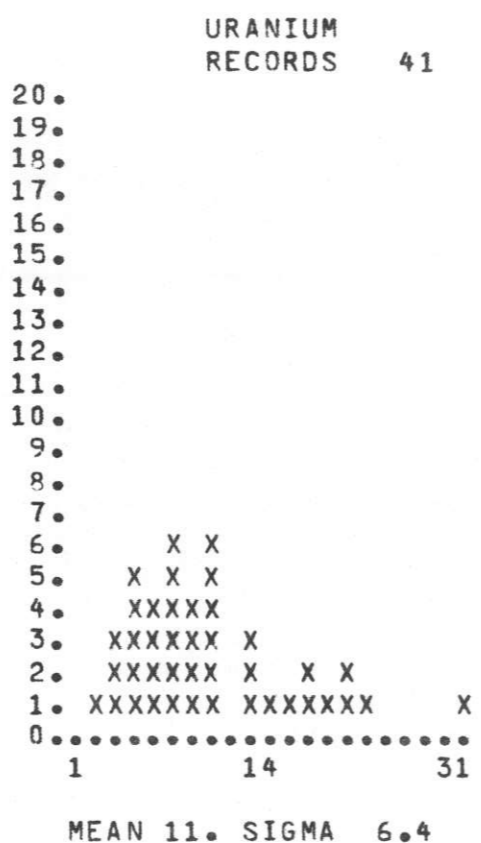
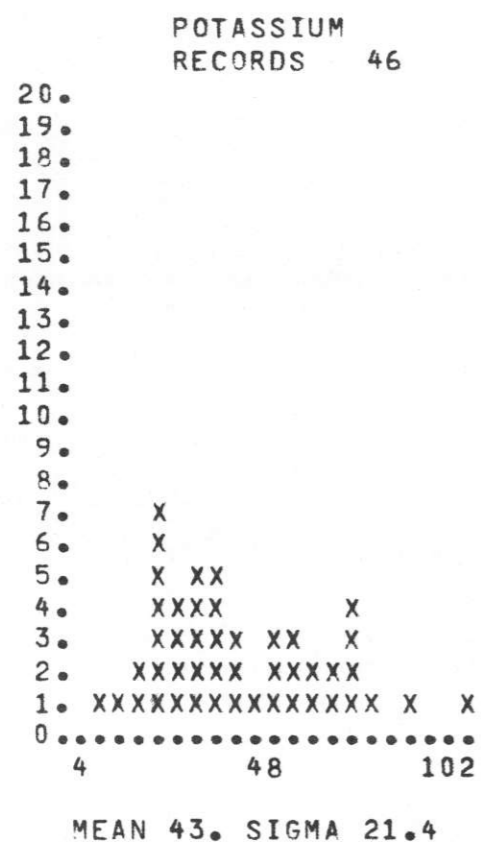
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT PZ



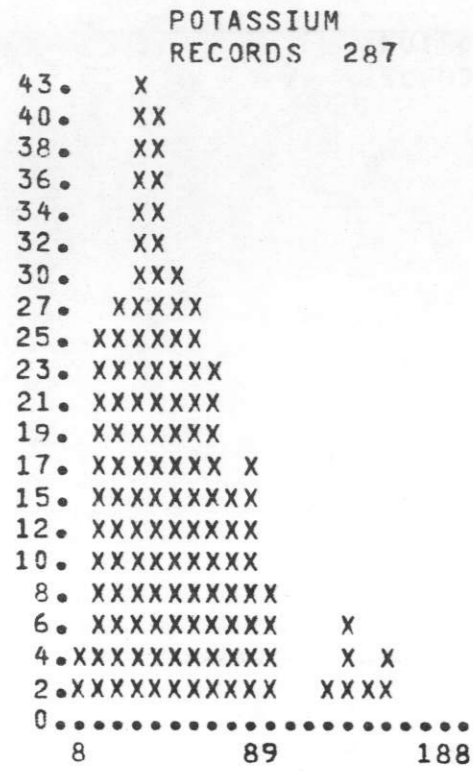
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT PZV



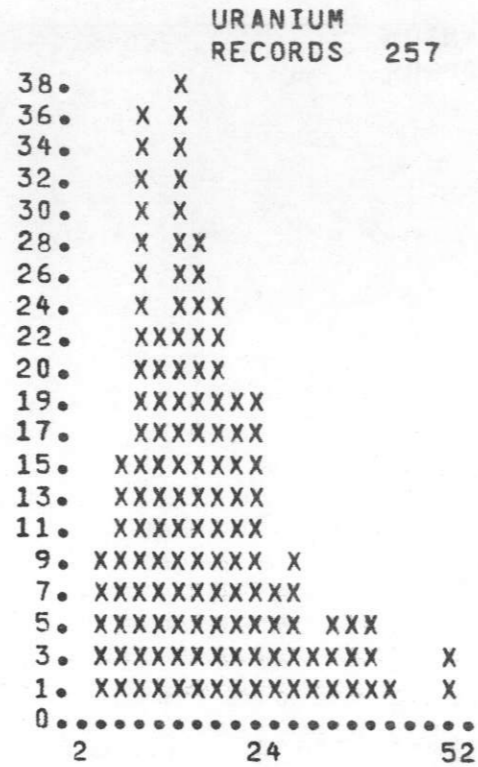
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
 GEOLOGIC UNIT PZML



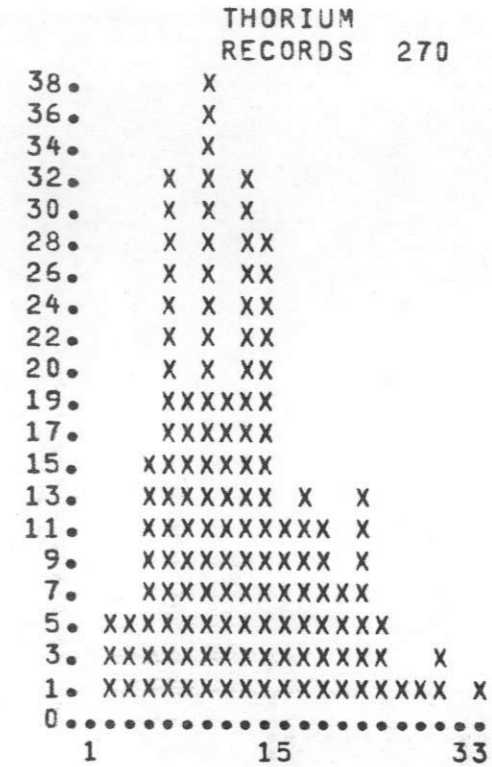
SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
 GEOLOGIC UNIT PZM



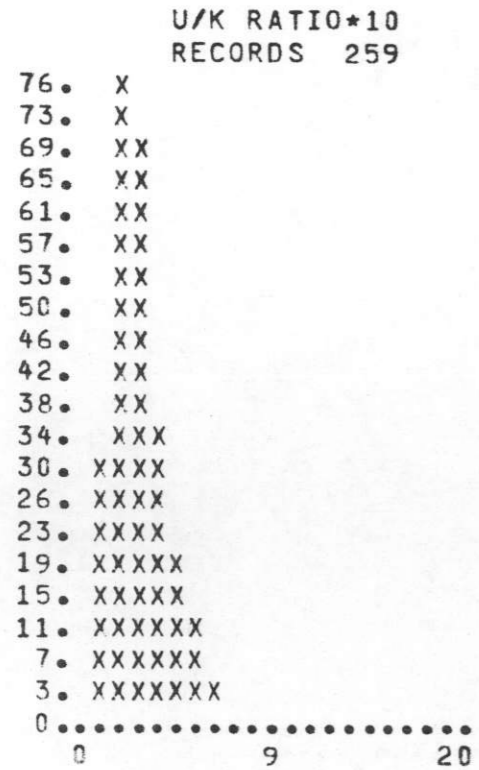
MEAN 52. SIGMA 31.5



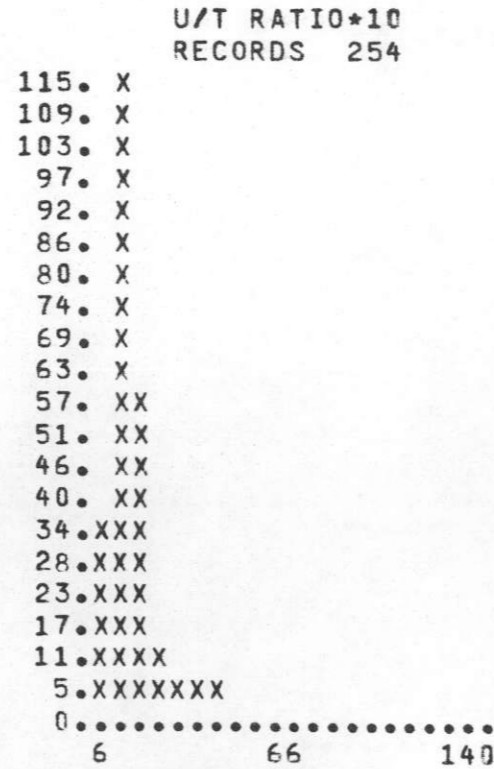
MEAN 18. SIGMA 9.7



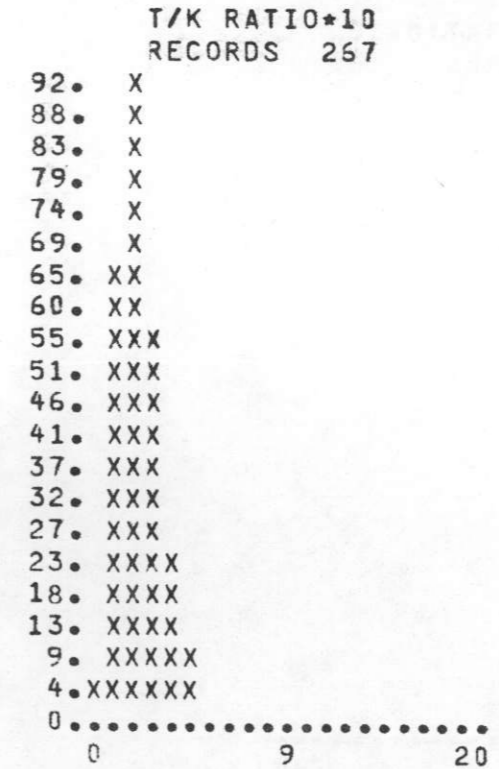
MEAN 13. SIGMA 6.1



MEAN 3. SIGMA 1.5

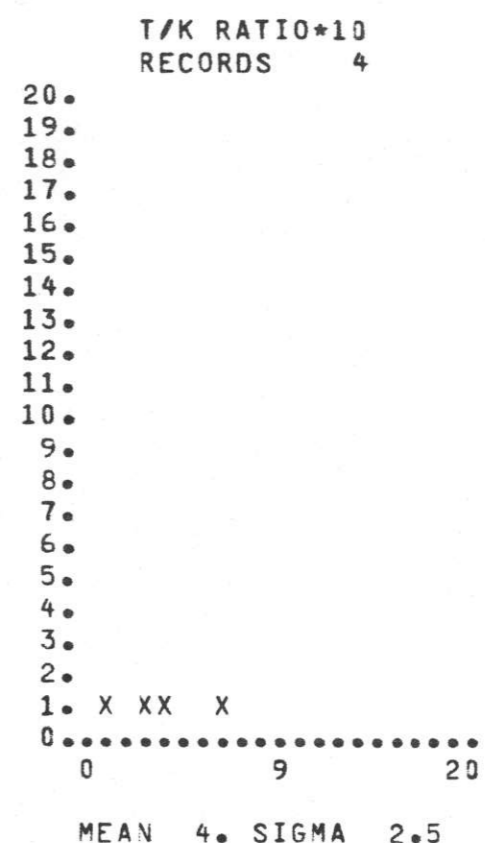
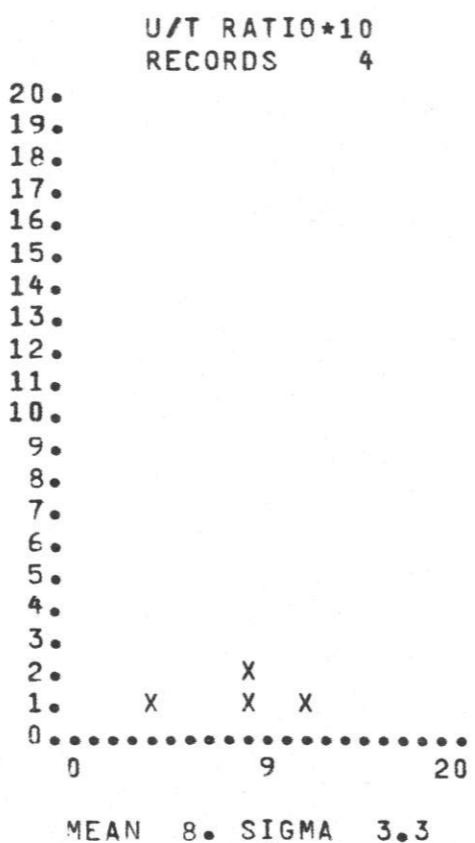
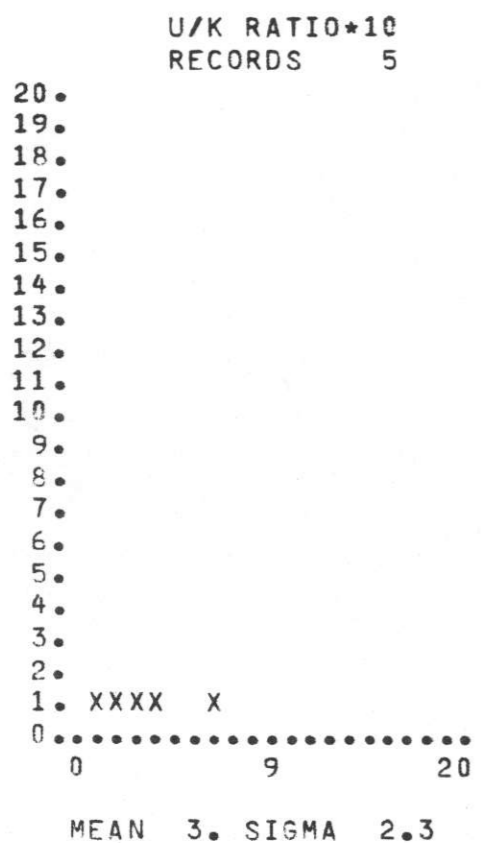
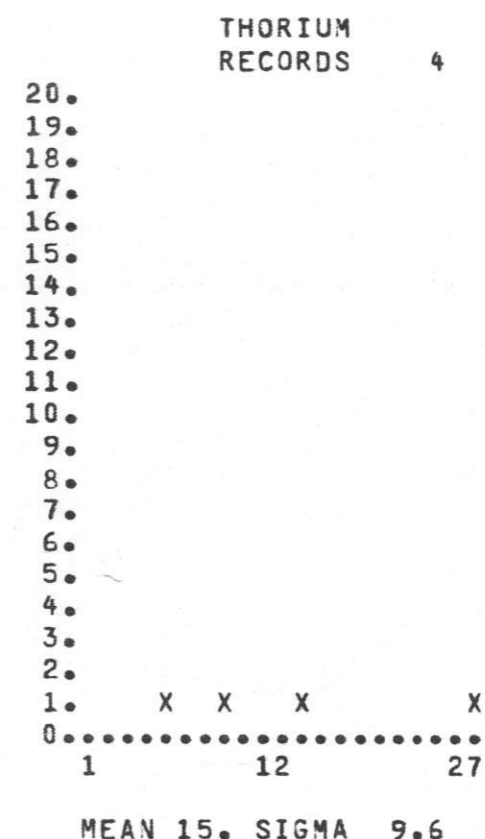
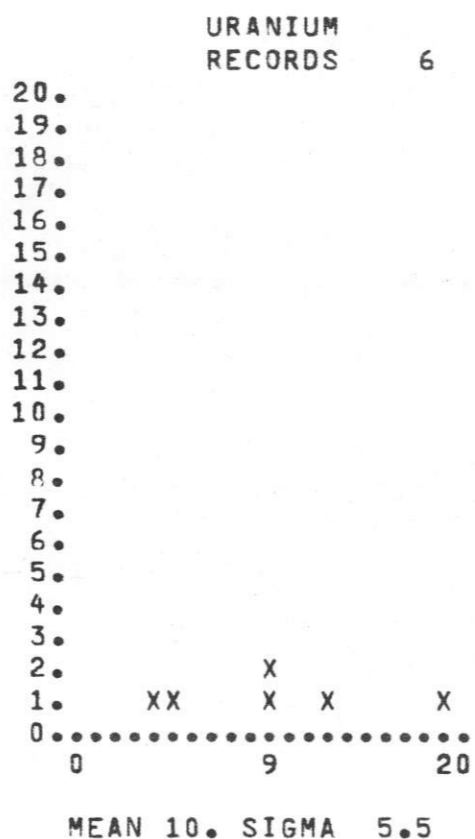
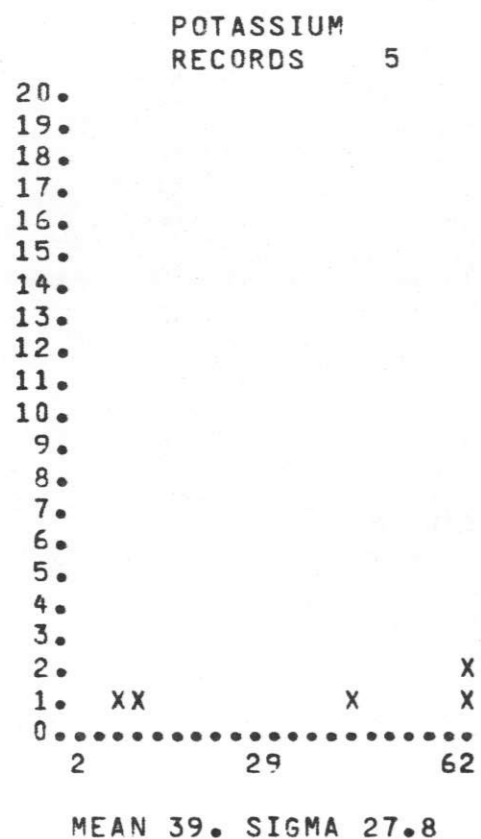


MEAN 15. SIGMA 13.4

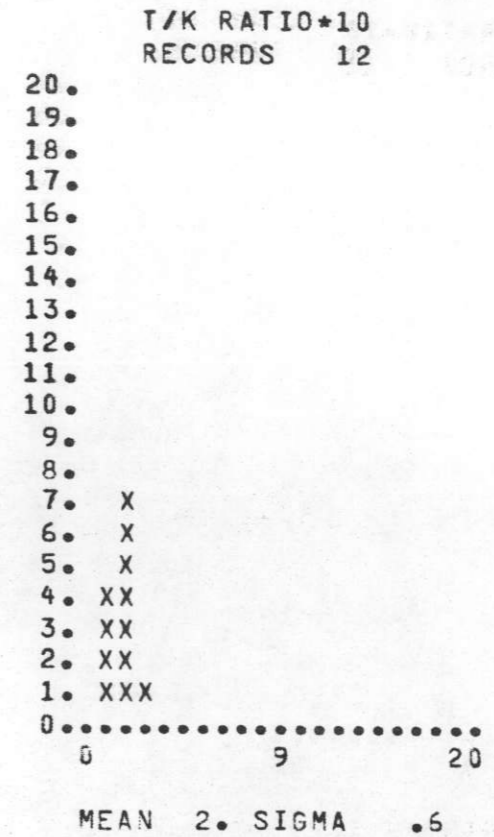
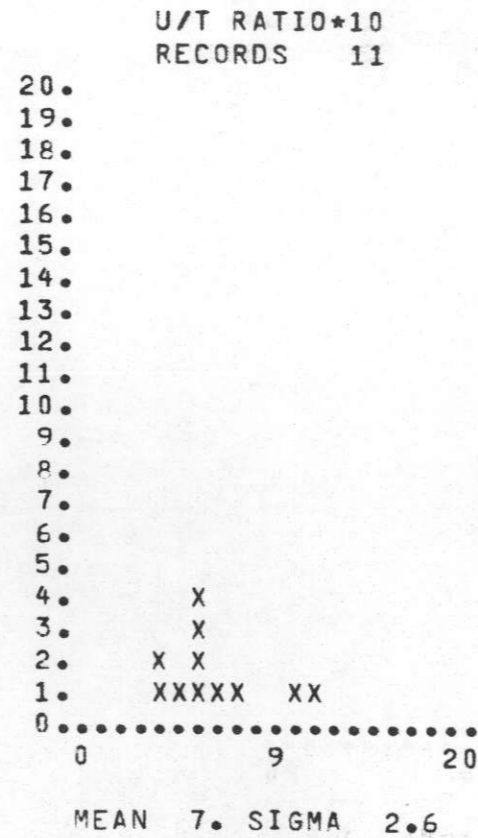
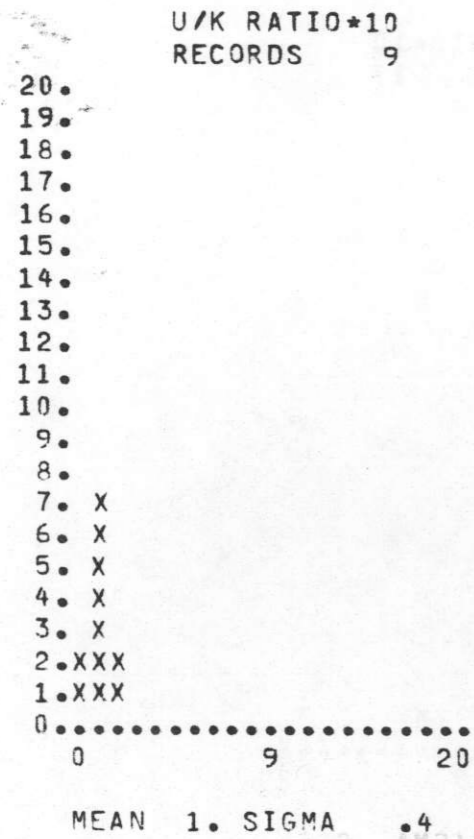
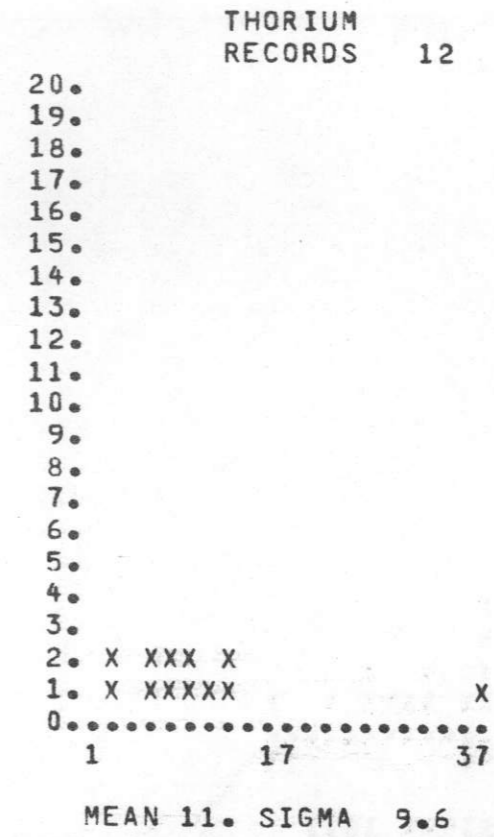
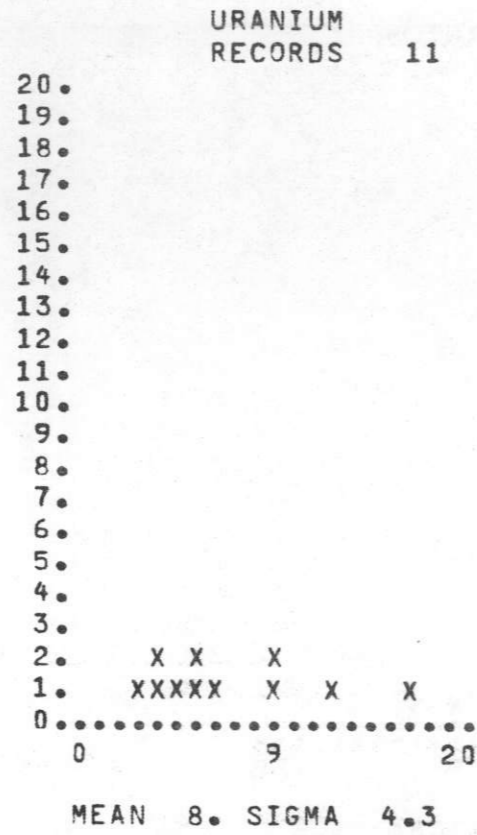
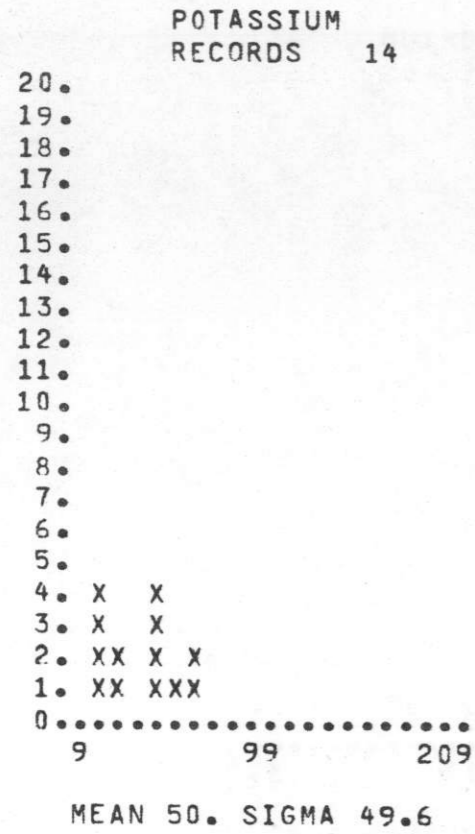


MEAN 2. SIGMA 1.5

SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT G



SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT D



SKAGWAY/ATLIN/MT FAIR/JUNEAU/TAKU RIVER ALASKA 1976-1978
GEOLOGIC UNIT G

