CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

The following file is part of the Anderson Mine Collection

**ACCESS STATEMENT**

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

**CONSTRAINTS STATEMENT**

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

**QUALITY STATEMENT**

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

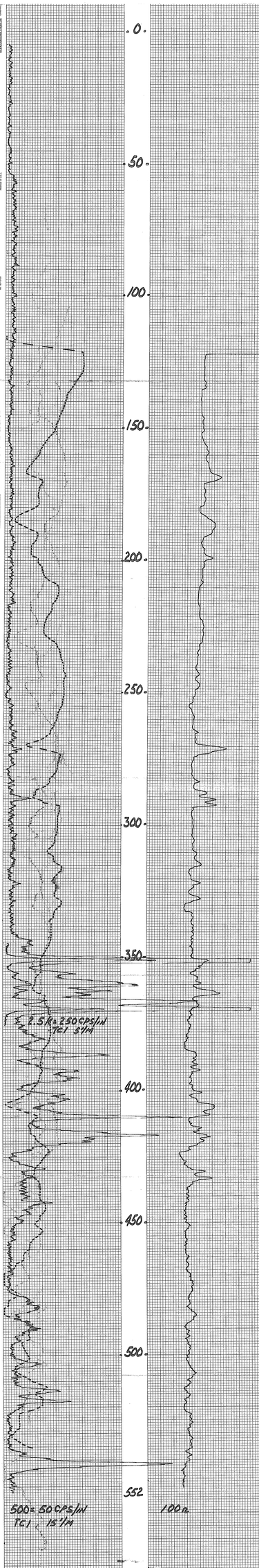
# MINERALS EXPLORATION CO.

CASPER, WYOMING

| | | | |
|---|---|---|---|
| LOCATION | ANDERSEN MINE | | |
| COUNTY | YAVAPAI | STATE | ARIZONA |
| GP. | ~~120, 60, IN 640 R4L2E~~ 1205024 4TN | ELEV. | 1891 |
| SEC. | 86524 7TE | TWP. | RGE. |
| DATE | 3-1-77 | | |
| DEPTH DRILLED | 560 | | |
| DEPTH LOGGED | 552 | | |
| FOOTAGE LOGGED | 582 | | |
| HOLE DIAMETER | 5 5/8 | | |
| WATER FACTOR | 1.22 | | |
| RESISTIVITY | 100 = 20 | OHMS/INCH | |
| SELF POTENTIAL | 100 = 20 | M.V./IN. | |

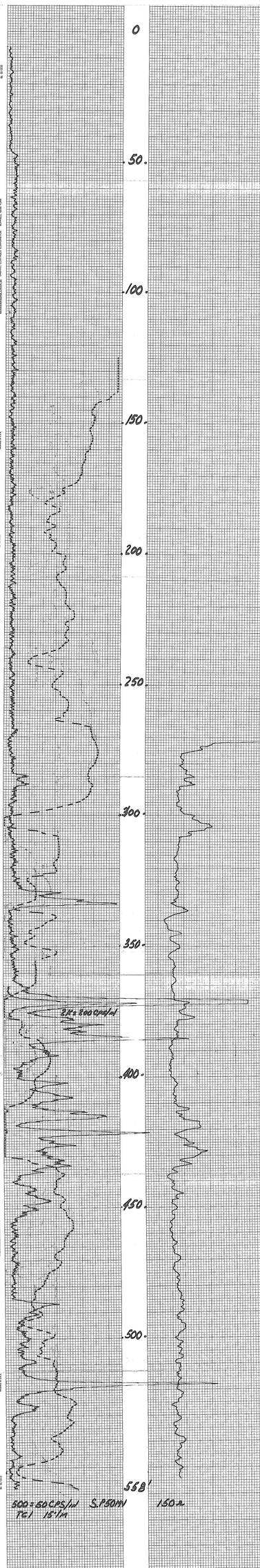
| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
|---|---|---|---|
| BOTTOM | 375 | | |
| TOP | 345 | | |
| TOTAL FEET | 30 | | |
| SCALE RUN | 2.5R=250CPS/IN | | |

| | |
|---|---|
| HOLE NO. | AM 441 |
| GAMMA SCALE | 500=50CPS |
| PROBE TYPE | SCINT. |
| K-FACTOR | $5.70 \times 10^{-5}$ |
| DEAD TIME | 7.10 μ |
| TIME CONSTANT | 1 |
| PROBE DIA. | 1 5/8 |
| CALIPER | |
| DIRECTIONAL SURVEY | |
| TEMPERATURE | |
| OPERATOR | RETTERLINE |
| DRILLER | MARK |
| CONTRACTOR | BOYLES BR |
| LAST A.E.C. PIT RUN | |
| FLUID LEVEL | 122 |
| REMARKS: | |



# MINERALS EXPLORATION CO.

| | | | | | |
|---|---|---|---|---|---|
| CASPER, WYOMING | | | | HOLE NO. | AM 442 |
| LOCATION ANDERSEN MINE | | | | GAMMA SCALE | 500=50CPS/in |
| COUNTY YAVAPAI | STATE ARIZONA | | | PROBE TYPE | SO.INT. |
| GP. ~~1202627.5N-2397747.7E~~ | ELEV. 1891 | | | K-FACTOR | 5.70X10-5 |
| 1205034.41N | | | | DEAD TIME | 7.1μs |
| SEC. 86 306.07E | TWP. | RGE. | | TIME CONSTANT | 1 |
| DATE | 3/2/77 | | | PROBE DIA. | 1 5/8 |
| DEPTH DRILLED | 560 | | | CALIPER | |
| DEPTH LOGGED | 558 | | | DIRECTIONAL SURVEY | |
| FOOTAGE LOGGED | 570 | | | TEMPERATURE | |
| HOLE DIAMETER | 5 5/8 | | | OPERATOR | WATERLING |
| WATER FACTOR | 1.22 | | | DRILLER | MARK |
| RESISTIVITY | 150 | OHMS/INCH | | CONTRACTOR | JONES BROS |
| SELF POTENTIAL | 50 | M.V./IN. | | LAST A.E.C. PIT RUN | |
| | | | | FLUID LEVEL | |
| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN | REMARKS: | |
| BOTTOM | 377 | | | | |
| TOP | 365 | | | | |
| TOTAL FEET | 12 | | | | |
| SCALE RUN | 2ft=200CPS/in | | | | |



# MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 443

LOCATION ANDERSEN MINE

COUNTY YAVAPAI STATE ARIZONA

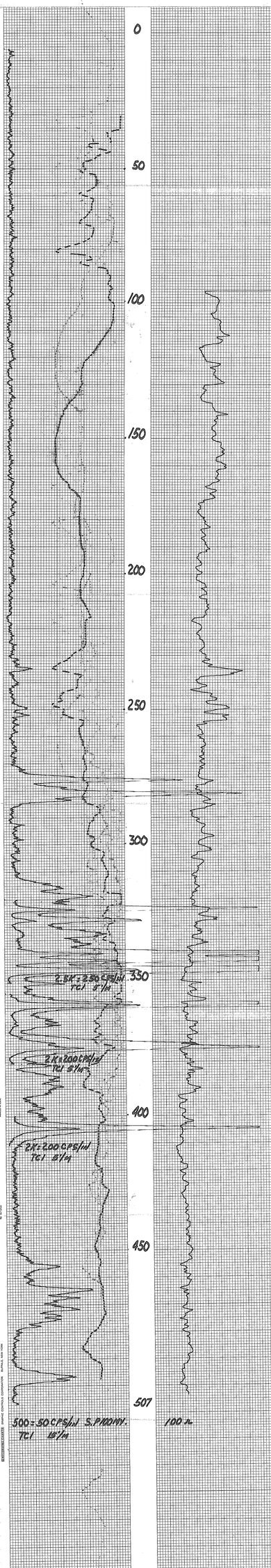
GP. ~~1205 57TEN 639,632.0 E~~ 1205010.58 N 859623.43 E ELEV. 1807

SEC. TWP. RGE.

| | |
|---|---|
| DATE | 3-18-77 |
| DEPTH DRILLED | 520 |
| DEPTH LOGGED | 507 |
| FOOTAGE LOGGED | 573 |
| HOLE DIAMETER | 5 |
| WATER FACTOR | |
| RESISTIVITY | 100 OHMS/INCH |
| SELF POTENTIAL | 100 M.V./IN. |

| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
|---|---|---|---|
| BOTTOM | 410 | 380 | 351 |
| TOP | 400 | 355 | 320 |
| TOTAL FEET | 10 | 25 | 31 |
| SCALE RUN | 2K=200CPS/IN | 2K=200CPS/IN | 2.5K=250CPS/IN |

| | |
|---|---|
| GAMMA SCALE | 500=50CPS/IN |
| PROBE TYPE | SCINT |
| K-FACTOR | 5.70X10-5 |
| DEAD TIME | 7.19 μ |
| TIME CONSTANT | 1 |
| PROBE DIA. | 1.5/8 |
| CALIPER | |
| DIRECTIONAL SURVEY | |
| TEMPERATURE | |
| OPERATOR | HEMEWING |
| DRILLER | FARADAY |
| CONTRACTOR | UNIVERSAL |
| LAST A.E.C. PIT RUN | |
| FLUID LEVEL | |
| REMARKS: | |



# MINERALS EXPLORATION CO.

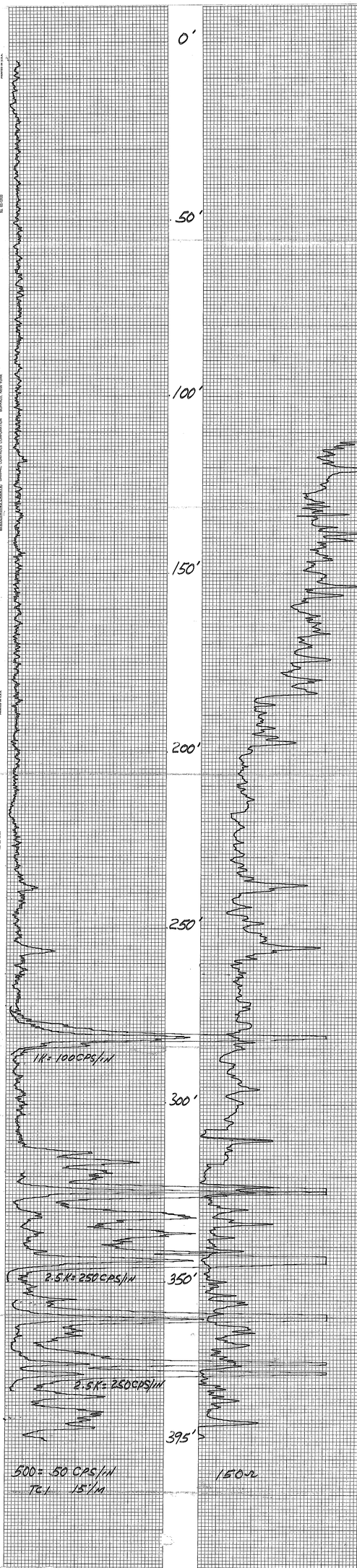
CASPER, WYOMING

HOLE NO. AM 443-C

| | | | |
|---|---|---|---|
| LOCATION | ANDERSEN MINE | | |
| COUNTY | YAVAPAI | STATE | ARIZ. |
| GP. | | ELEV. | |
| SEC. | TWP. | RGE. | |
| DATE | 10-20-77 | | |
| DEPTH DRILLED | 395' | | |
| DEPTH LOGGED | 395' | | |
| FOOTAGE LOGGED | 426' | | |
| HOLE DIAMETER | 4" | | |
| WATER FACTOR | 1.10 | | |
| RESISTIVITY | 150 | OHMS/INCH | |
| SELF POTENTIAL | | M.V./IN. | |

| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
|---|---|---|---|
| BOTTOM | 381' | 350 | 286' |
| TOP | 355 | 319 | 272 |
| TOTAL FEET | 26' | 31' | 14' |
| SCALE RUN | 2.5K=250CPS/IN | 2.5K=250CPS | 1K=100CPS/IN |

| | |
|---|---|
| GAMMA SCALE | 500=50CPS |
| PROBE TYPE | SCINT. |
| K-FACTOR | 5.96X10 |
| DEAD TIME | 7.52 μs |
| TIME CONSTANT | 1 |
| PROBE DIA. | 1 5/8 |
| CALIPER | |
| DIRECTIONAL SURVEY | |
| TEMPERATURE | |
| OPERATOR | KETTERLING |
| DRILLER | |
| CONTRACTOR | BARNES |
| LAST A.E.C. PIT RUN | |
| FLUID LEVEL | 112' |
| REMARKS: | |



# MINERALS EXPLORATION CO.

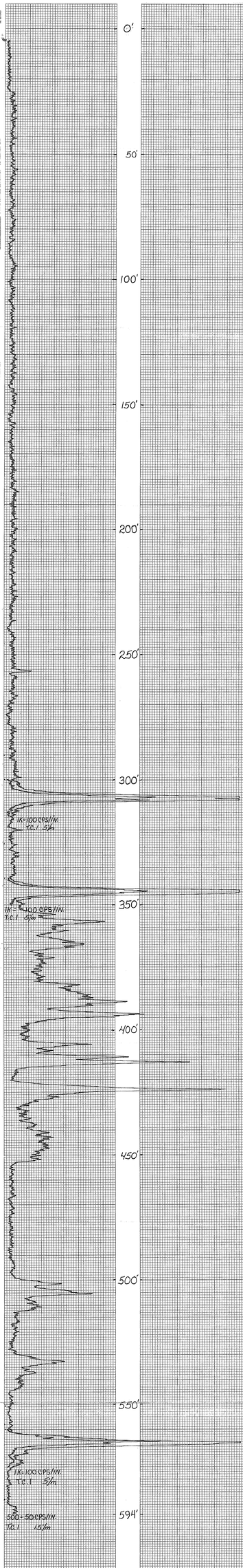
CASPER, WYOMING

HOLE NO. AM-444

| | | | |
|---|---|---|---|
| LOCATION | ANDERSON MINE | GAMMA SCALE | 500 = 50 CPS |
| COUNTY | Yavapai STATE ARIZ. | PROBE TYPE | SGINT. |
| GP. ~~1,202,355.0N 640,208.0E~~ | ELEV. 1875 | K-FACTOR | $5.7 \cdot 10^{-5}$ |
| 1204 777 26W | | DEAD TIME | 7.14 m sec. |
| SEC. N. 534 33E TWP. | RGE. | TIME CONSTANT | 1 |
| DATE | 1-7-77 | PROBE DIA. | 1 5/8" |
| DEPTH DRILLED | 600' | CALIPER | |
| DEPTH LOGGED | 594' | DIRECTIONAL SURVEY | |
| FOOTAGE LOGGED | 634' | TEMPERATURE | |
| HOLE DIAMETER | 5 7/8" to 600' | OPERATOR | Hudson |
| WATER FACTOR | | DRILLER | Sharpe |
| RESISTIVITY | OHMS/INCH | CONTRACTOR | Roberts |
| SELF POTENTIAL | M.V./IN. | LAST A.E.C. PIT RUN | |
| | | FLUID LEVEL | |

| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
|---|---|---|---|
| BOTTOM | 575' | 350' | 315' |
| TOP | 560' | 340' | 300' |
| TOTAL FEET | 15' | 10' | 15' |
| SCALE RUN | 1K=100CPS/IN. | 1K=100CPS/IN. | 1K=100CPS/IN. |

REMARKS:



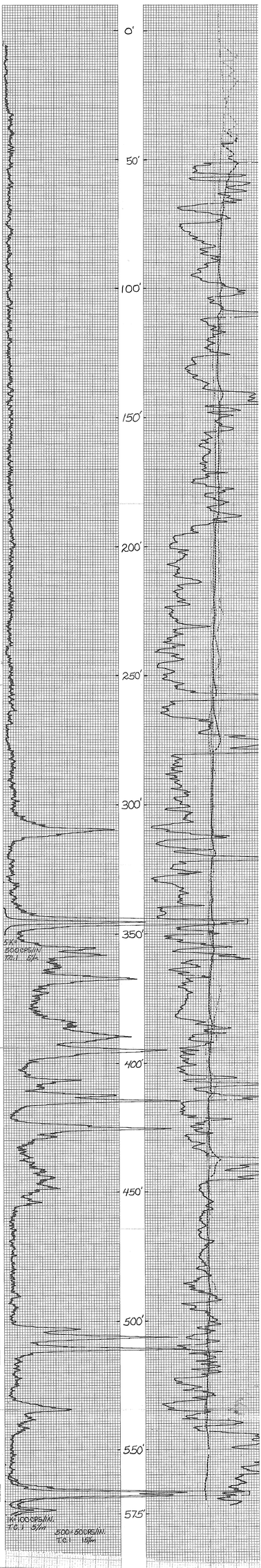
# MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-444-C

| | | | |
|---|---|---|---|
| LOCATION | ANDERSON MINE | GAMMA SCALE | 500=500CPS/I |
| COUNTY | HAVAPAI STATE ARIZ. | PROBE TYPE | SCINT. |
| | 1,207,778.500 EE, 524,732 | K-FACTOR | $5.7 \cdot 10^{-5}$ |
| GP. | 1,202,355.0N-640,208.0 ELEV. 1875 | DEAD TIME | 7.14 μ sec. |
| | | TIME CONSTANT | 1 |
| SEC. | TWP. RGE. | PROBE DIA. | 1⅝" |
| DATE | 1-18-77 | CALIPER | |
| DEPTH DRILLED | 575' | DIRECTIONAL SURVEY | |
| DEPTH LOGGED | 575' | TEMPERATURE | |
| FOOTAGE LOGGED | 600' | OPERATOR | Hudson |
| HOLE DIAMETER | 5⅝" to 560' 5" to 575' | DRILLER | Sharpe |
| WATER FACTOR | | CONTRACTOR | Roberts |
| RESISTIVITY | OHMS/INCH | LAST A.E.C. PIT RUN | |
| SELF POTENTIAL | M.V./IN. | FLUID LEVEL | |

| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN | REMARKS: |
|---|---|---|---|---|
| BOTTOM | 575' | 350' | | |
| TOP | 560' | 340' | | |
| TOTAL FEET | 16' | 10' | | |
| SCALE RUN | 1K=100CPS/IN. | 5K=500CPS/IN. | | |



# MINERALS EXPLORATION CO.

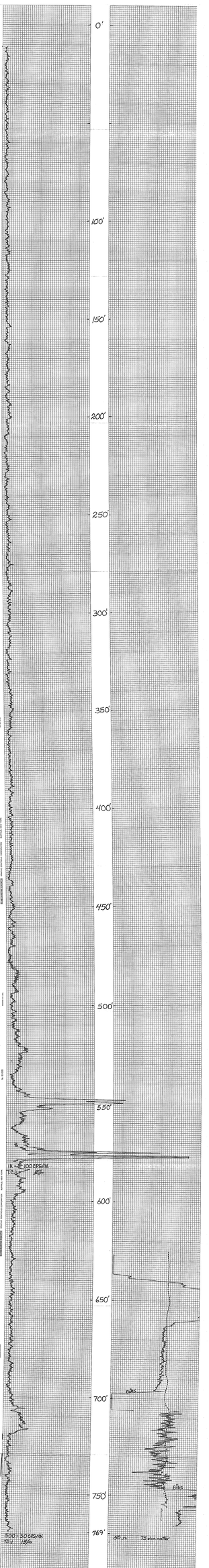
CASPER, WYOMING

HOLE NO. DM-445

| | | | |
|---|---|---|---|
| LOCATION | ANDERSON MINE | GAMMA SCALE | 500+500R |
| COUNTY | CARBON | PROBE TYPE | SHORT |
| STATE | WYO. | K.FACTOR | 0.71E-3 |
| GR. | 1-20-49-96 | DEAD TIME | 7.14 μ sec. |
| ELEV. | 6823' | TIME CONSTANT | 1 |
| SEC. | NE3 & SE1-SE1 / S3 S21-C-36 TWP. | PROBE DIA. | 1¾" |
| DATE | 1956 Era | CALIPER | |
| DEPTH DRILLED | 780' | DIRECTIONAL SURVEY | |
| DEPTH LOGGED | 769' | TEMPERATURE | |
| FOOTAGE LOGGED | 779' | OPERATOR | Andrews |
| HOLE DIAMETER | 5¾" to 210' 5¾" to 780' | DRILLER | Allen N |
| WATER FACTOR | | CONTRACTOR | Roberts |
| RESISTIVITY | 50-OHMS/INCH 75 ohm meters | LAST A.E.C. PIT RUN | |
| SELF POTENTIAL | M.V./IN. | FLUID LEVEL | |

| REMARKS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
|---|---|---|---|
| BOTTOM | 780' | | |
| TOP | 570' | | |
| TOTAL FEET | 10' | | |
| SCALE RUN | 1K=100CPS/IN. | | |

REMARKS:



# MINERALS EXPLORATION CO.

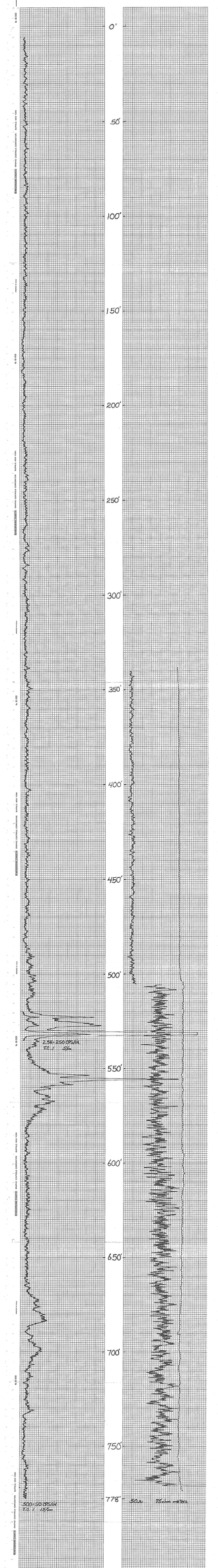
CASPER, WYOMING

| | | | |
|---|---|---|---|
| LOCATION | ANDERSON MINE | HOLE NO. | AND-4HA |
| COUNTY | UINTAH | STATE | UTAH |
| GP. | 12S/25W/SW-SE/4 SEC. 6 | ELEV. | 1984 |

| | | | |
|---|---|---|---|
| GAMMA SCALE | 500-5000 | PROBE TYPE | SCINT |
| K FACTOR | 57 | GRAD TIME | 7.14 m sec. |
| TIME CONSTANT | 1 | PROBE DIA. | 1½" |
| CALIPER | | DIRECTIONAL SURVEY | |
| TEMPERATURE | | OPERATOR | Hudson |
| DRILLER | Jim | CONTRACTOR | Roberts |
| LAST A.E.C. PIT RUN | | FLUID LEVEL | |
| REMARKS | | | |

| SEC. | TWP. | RGE. |
|---|---|---|
| | | |

| | | | |
|---|---|---|---|
| DATE | 4/4/78 | | |
| DEPTH DRILLED | 780' | | |
| DEPTH LOGGED | 778' | | |
| FOOTAGE LOGGED | 793' | | |
| HOLE DIAMETER | 5⅞" to 780' | | |
| WATER FACTOR | | | |
| RESISTIVITY | 50 OHMS/INCH | 25 ohm meters | |
| SELF POTENTIAL | M.V./INL | | |
| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
| BOTTOM | 535 | | |
| TOP | 520 | | |
| TOTAL FEET | 15 | | |
| SCALE RUN | 2.5K-2500CPS/IN | | |



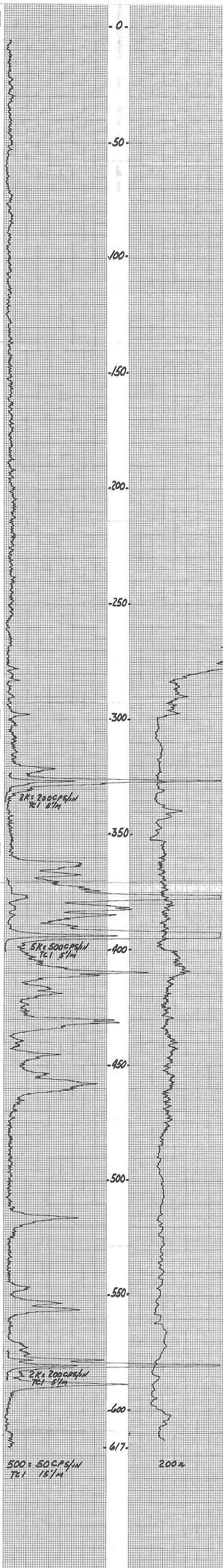
# MINERALS EXPLORATION CO.

CASPER, WYOMING

| | |
|---|---|
| LOCATION | ANDERSON MINE |
| COUNTY | YAVAPAI STATE ARIZONA |
| GP. | 1200,2241,1N-6110,828.0 ELEV. 1902 |
| SEC. | TWP. RGE. |
| DATE | 1-21-77 |
| DEPTH DRILLED | 620 |
| DEPTH LOGGED | 617 |
| FOOTAGE LOGGED | 672 |
| HOLE DIAMETER | 5 5/8 |
| WATER FACTOR | 1.22 |
| RESISTIVITY | 200 OHMS/INCH |
| SELF POTENTIAL | M.V./IN. |

| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
|---|---|---|---|
| BOTTOM | 586 | 400 | 335 |
| TOP | 579 | 309 | 323 |
| TOTAL FEET | 12 | 31 | 12 |
| SCALE RUN | 2K=2000CPS/IN | 5K=500CPS/IN | 2K=2000CPS/IN |

| | |
|---|---|
| HOLE NO. | AM 447 |
| GAMMA SCALE | 500=50CPS |
| PROBE TYPE | 5/IN T. |
| K-FACTOR | 5.70 1/10 |
| DEAD TIME | 7.7 μ |
| TIME CONSTANT | 1 |
| PROBE DIA. | 1 5/8 |
| CALIPER | |
| DIRECTIONAL SURVEY | |
| TEMPERATURE | |
| OPERATOR | KETCHUM |
| DRILLER | RUSS |
| CONTRACTOR | RED & S |
| LAST A.E.C. PIT RUN | |
| FLUID LEVEL | |
| REMARKS: | |

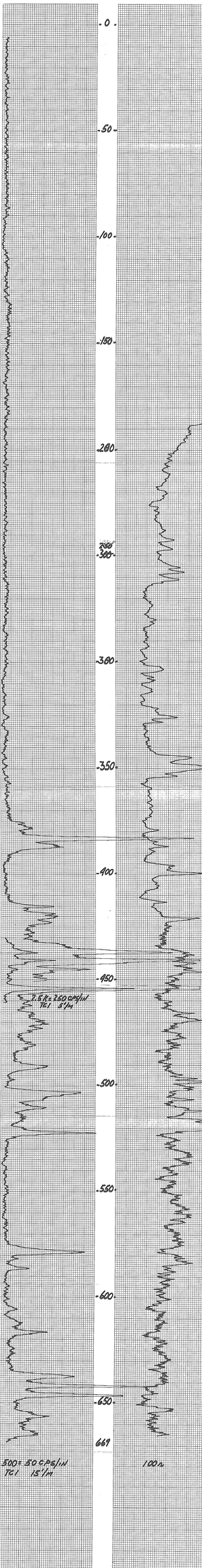


# MINERALS EXPLORATION CO.

CASPER, WYOMING

| | | | |
|---|---|---|---|
| LOCATION | ANDERSEN MINE | | |
| COUNTY | YAVAPAI | STATE | |
| | 1200'FSL & 2-21-1'FWL SEC | | |
| GP. | 1200/998.1N-CH1.02GR.GE | ELEV. | 1930 |
| SEC. | TWP. | RGE. | |
| DATE | 1-22-77 | | |
| DEPTH DRILLED | 720 | | |
| DEPTH LOGGED | 669 | | |
| FOOTAGE LOGGED | 700 | | |
| HOLE DIAMETER | 5 3/8 | | |
| WATER FACTOR | 1.22 | | |
| RESISTIVITY | 100 | OHMS/INCH | |
| SELF POTENTIAL | | M.V./IN. | |
| REPORTS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
| BOTTOM | 461 | | |
| TOP | 430 | | |
| TOTAL FEET | 31 | | |
| SCALE RUN | 2.5K-250CPS/IN | | |

| | |
|---|---|
| HOLE NO. | A.M. 448 |
| GAMMA SCALE | 500=50CPS |
| PROBE TYPE | SCINT. |
| K-FACTOR | 5.70x10-5 |
| DEAD TIME | 7/Sec |
| TIME CONSTANT | 1 |
| PROBE DIA. | 1 3/8 |
| CALIPER | |
| DIRECTIONAL SURVEY | |
| TEMPERATURE | |
| OPERATOR | HERZLING |
| DRILLER | RUSS |
| CONTRACTOR | ROTO SHAR |
| LAST A.E.C. PIT RUN | |
| FLUID LEVEL | |
| REMARKS: | |



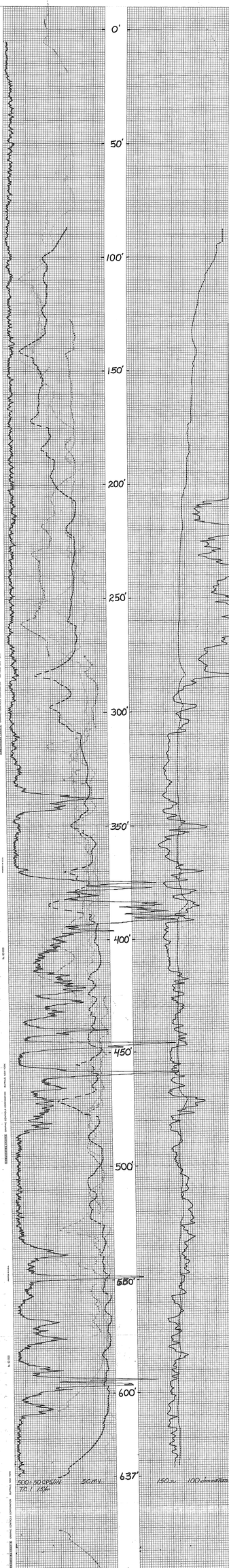
# MINERALS EXPLORATION CO.

CASPER, WYOMING

| | | | |
|---|---|---|---|
| LOCATION | ANDERSON MINE | | |
| COUNTY | YAVAPAI | STATE | ARIZ. |
| GP. ~~1300, 0.N. 610,026.7 E~~ 1300' 6N. 6W.) | | ELEV. | 1873 |
| SEC. 36 | TWP. 37 | RGE. | |
| DATE | 2/21/57 | | |
| DEPTH DRILLED | 640' | | |
| DEPTH LOGGED | 637' | | |
| FOOTAGE LOGGED | 637' | | |
| HOLE DIAMETER | 5⅝" To 640' | | |
| WATER FACTOR | | | |
| RESISTIVITY | 150 OHMS/MMH | 100 ohmmeters | |
| SELF POTENTIAL | 50 M.V. LEE | | |
| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
| BOTTOM | | | |
| TOP | | | |
| TOTAL FEET | | | |
| SCALE RUN | | | |

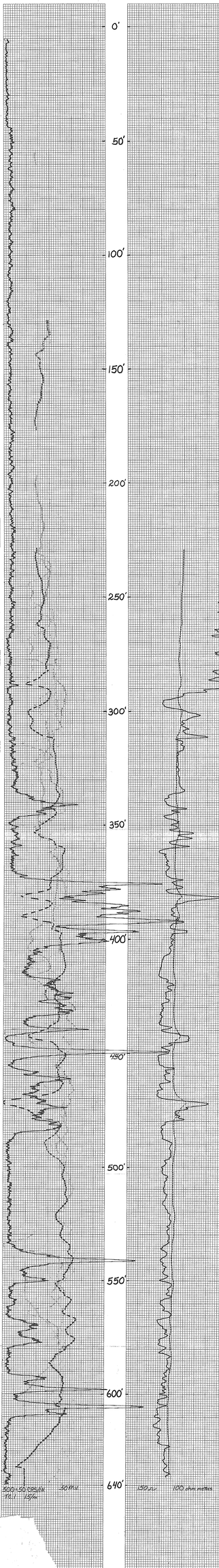
HOLE NO. AM-4119

| | |
|---|---|
| GAMMA SCALE | 500=50CPS |
| PROBE TYPE | SCINT |
| K-FACTOR | $6 \times 10^{-5}$ |
| DEAD TIME | 7.14 μ SECS. |
| TIME CONSTANT | 1 |
| PROBE DIA. | 1⅝" |
| CALIPER | |
| DIRECTIONAL SURVEY | |
| TEMPERATURE | |
| OPERATOR | Hudson |
| DRILLER | Hon |
| CONTRACTOR | R-Bertz |
| LAST A.E.C. PIT RUN | |
| FLUID LEVEL | |
| REMARKS: | |



# MINERALS EXPLORATION CO.

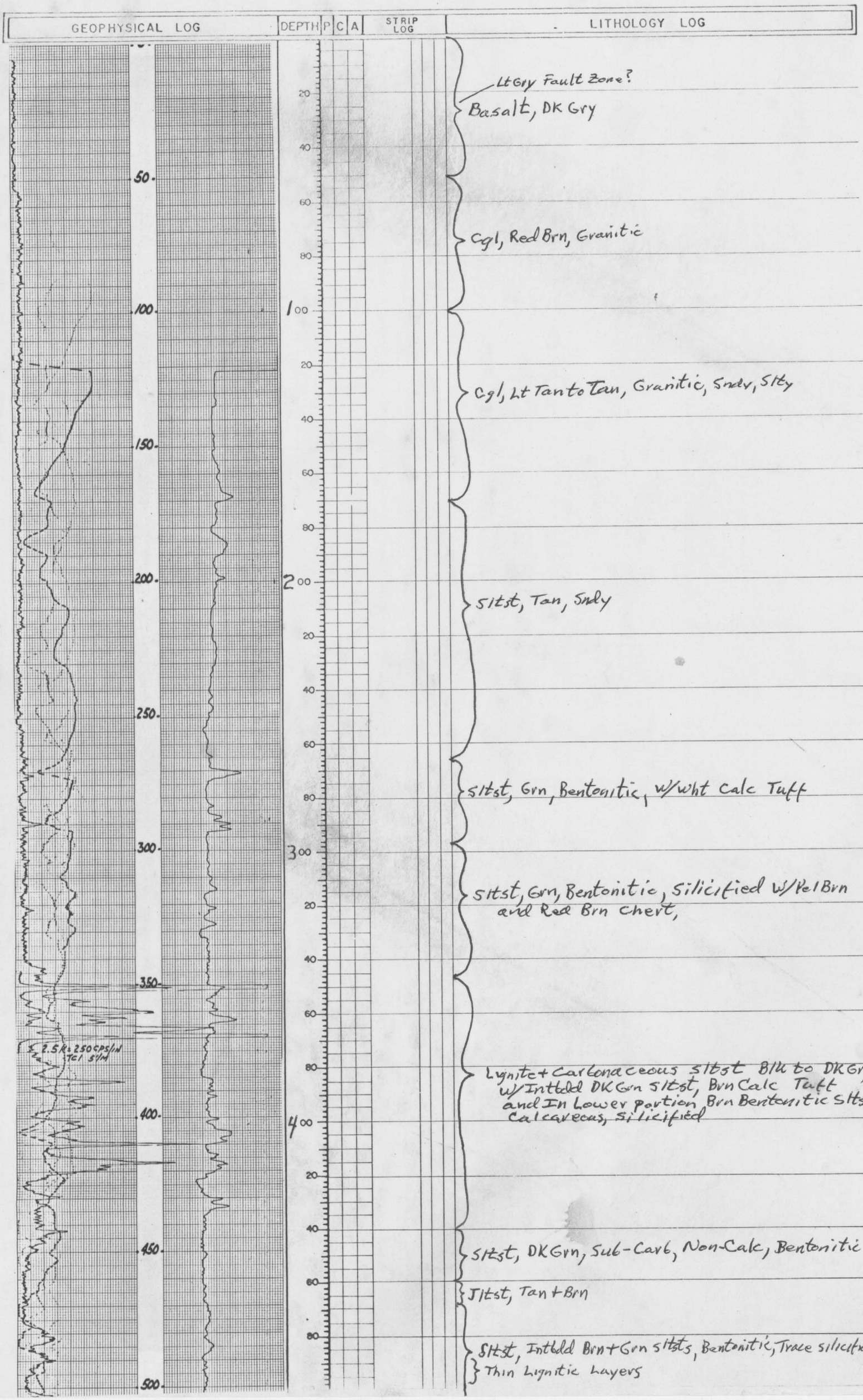
| | | | |
|---|---|---|---|
| CASPER, WYOMING | | | HOLE NO. AM-450 |
| LOCATION ANDERSON | | | GAMMA SCALE 500:50 CPS. |
| COUNTY YAVAPAI | STATE ARIZ. | | PROBE TYPE SGIT |
| GP. ~~1302 FNSL 640 FEWL~~ | ELEV. 1888 | | K-FACTOR $5.1 \times 10^{-3}$ |
| 1304 FSL 401 FEL | | | DEAD TIME 7.14 μ secs. |
| SEC. 26 TWP. 32N RGE. | | | TIME CONSTANT 1 |
| DATE 2/26/79 | | | PROBE DIA. 1⅝" |
| DEPTH DRILLED 640' | | | CASING |
| DEPTH LOGGED 640' | | | DIRECTIONAL SURVEY |
| FOOTAGE LOGGED 640' | | | TEMPERATURE |
| HOLE DIAMETER 5⅞" To 640' | | | OPERATOR Hudson |
| WATER FACTOR | | | DRILLER Jim |
| RESISTIVITY 150 OHMS/BMM | 100 ohm meters | | CONTRACTOR Roberts |
| SELF POTENTIAL 50 M.V./BL. | | | LAST A.E.C. PIT RUN |
| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
| BOTTOM | | | |
| TOP | | | |
| TOTAL FEET | | | |
| SCALE RUN | | | |



PROJECT Anderson Mine HOLE SIZE ☐ AIR ☑ WATER HOLE NO. AM 441

ELEVATION 1891 NORTH 1,202,602.1 EAST 640,194.2 LOGGED BY CZH DATE 2-28-77

SECTION TOWNSHIP RANGE T.D. 560 P.D.

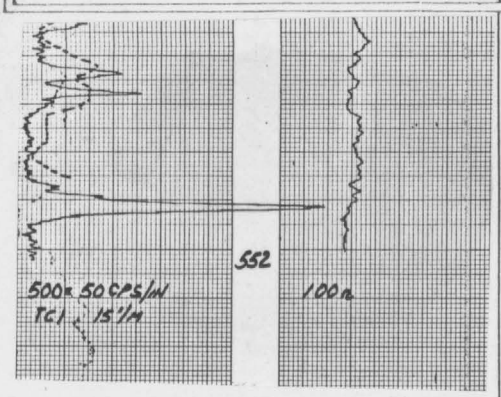


PROJECT Anderson Mine HOLE SIZE ☐ AIR ☑ WATER HOLE NO. AM W41

ELEVATION 1891 NORTH 1,202,602.1 EAST 640,194.2 LOGGED BY CZH DATE 2-28-77

SECTION TOWNSHIP RANGE T.D. 560 P.D.

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|




Siltst, Intbdd Brn + Grn Siltst, Bentonitic,

Siltst Grn + Tan Brn, + Red Brn, No Volcanics

Lignite + Brn Siltst, Gry to Brn Gry, Silicified w/ Brn Chert

Siltst, Red, Andestic Volcanic Frags

20 40 60 80 00 20 40 60 80 00 20 40 60 80 00 20 40 60 80 00 20 40 60 80 00 20 40 60 80

## MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE

COUNTY YAVAPAI STATE ARIZONA

GP. 1,202,602.1N-640,194.2E ELEV. 1891

| SEC. | TWP. | RGE. |
|---|---|---|

| | |
|---|---|
| DATE | 3-1-77 |
| DEPTH DRILLED | 560 |
| DEPTH LOGGED | 552 |
| FOOTAGE LOGGED | 582 |
| HOLE DIAMETER | 5 5/8 |
| WATER FACTOR | 1.22 |
| RESISTIVITY | 100 = 20 OHMS/INCH |
| SELF POTENTIAL | 100 = 20 M.V./IN. |

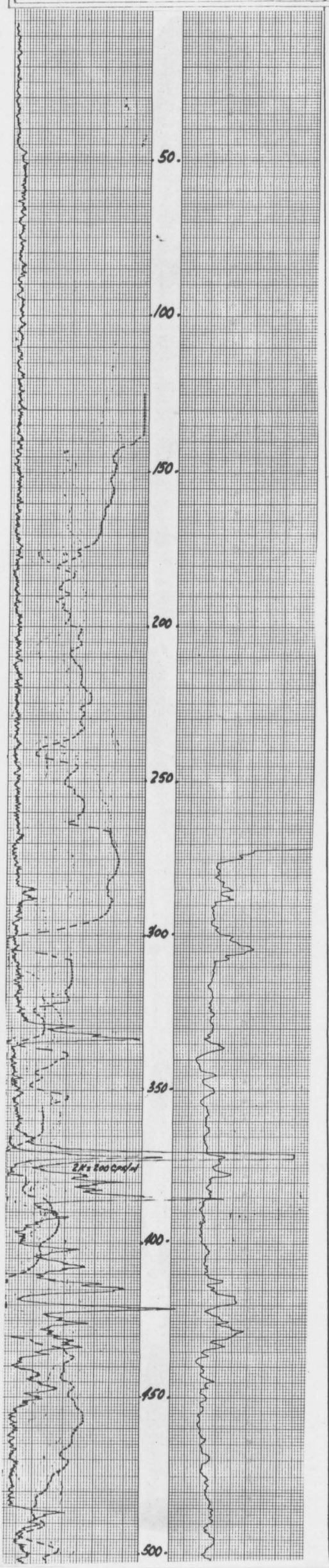
| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
|---|---|---|---|
| BOTTOM | 375 | | |
| TOP | 345 | | |
| TOTAL FEET | 30 | | |
| SCALE RUN | 2.5K=250CPS/IN | | |

| | |
|---|---|
| HOLE NO. | AM 441 |
| GAMMA SCALE | 500 = 50CPS/IN |
| PROBE TYPE | SCINT. |
| K-FACTOR | 5.70 x 10-5 |
| DEAD TIME | 7.14 μ |
| TIME CONSTANT | 1 |
| PROBE DIA. | 1 5/8 |
| CALIPER | |
| DIRECTIONAL SURVEY | |
| TEMPERATURE | |
| OPERATOR | RETTERLING |
| DRILLER | MARR |
| CONTRACTOR | BOYLES BROS. |
| LAST A.E.C. PIT RUN | |
| FLUID LEVEL | 122 |
| REMARKS: | |

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 442

ELEVATION 1891 NORTH 1,202,627.5 EAST 639,974.7 LOGGED BY CZH DATE 3-2-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 560 P.D. ____



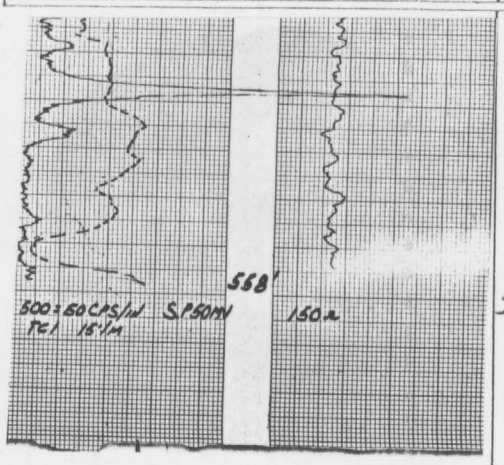

| DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|
| 20 | | | | | Basalt, DK Gry |
| 40 | | | | | |
| 50 | | | | | Cgl Sndy, Red Brn, Bake Zone? |
| 60 | | | | | |
| 80 | | | | | |
| 100 | | | | | |
| 20 | | | | | Cgl, Sndy, Granitic, Lt Tan |
| 40 | | | | | |
| 60 | | | | | |
| 80 | | | | | |
| 200 | | | | | |
| 20 | | | | | Brn Tan |
| 40 | | | | | Siltst, Tan, Sndy |
| 60 | | | | | |
| 80 | | | | | Siltst, Grn Tan |
| 300 | | | | | Siltst, Grn, Bentonitic, w/Wht Calc Tuff or Marlst. Calcareous |
| 20 | | | | | Siltst, Grn, Bentonitic to V. Bentonitic |
| 40 | | | | | Silicified Siltst, Grn, w/Bentonitic Siltst Intbdd, Grn Gry + Gry Grn Sub Chert |
| 60 | | | | | |
| 80 | | | | | Carbonaceous siltst + Lignite, DK Gry to BLK, Calcareous, silicified |
| 400 | | | | | |
| 20 | | | | | w/Intbdd Brn Calc Tuff |
| 40 | | | | | Siltst, DK Grn, Sub Carb, Bentonitic, Non Calc |
| 60 | | | | | Siltst, Red Brn, Bentonitic, No Volcanics |
| 80 | | | | | Carbonaceous siltst + Lignite, DK Gry, Calc, Silicified |

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 442

ELEVATION 1891 NORTH 1,202,627.5 EAST 639,974.7 LOGGED BY CZH DATE 3-2-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 560 P.D. ____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|

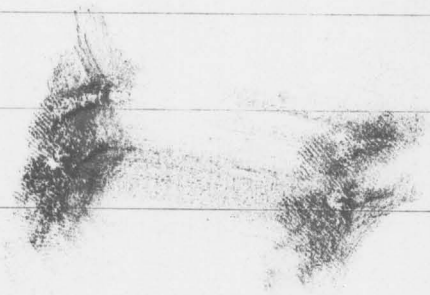



Carbonaceous Siltst + Lignite, Dk Gry, Calcareous silicified

Siltst, Red, No Volcanics

Siltst, Yel Grn, Volcanic Fragg, Gry

Andesitic Volcanic, Gry w/calcite filled Vugs



**MINERALS EXPLORATION CO.**

CASPER, WYOMING

LOCATION ANDERSEN MINE

COUNTY YAVAPAI STATE ARIZONA

GP. 1202,627.5N-639,974.7E ELEV. 1891

SEC. TWP. RGE.

| | | | |
|---|---|---|---|
| DATE | 3/2/77 | | |
| DEPTH DRILLED | 560 | | |
| DEPTH LOGGED | 558 | | |
| FOOTAGE LOGGED | 570 | | |
| HOLE DIAMETER | 5 5/8 | | |
| WATER FACTOR | 1.22 | | |
| RESISTIVITY | 150 OHMS/INCH | | |
| SELF POTENTIAL | 50 M.V./IN. | | |
| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
| BOTTOM | 377 | | |
| TOP | 365 | | |
| TOTAL FEET | 12 | | |
| SCALE RUN | 2"=200CPS/in | | |

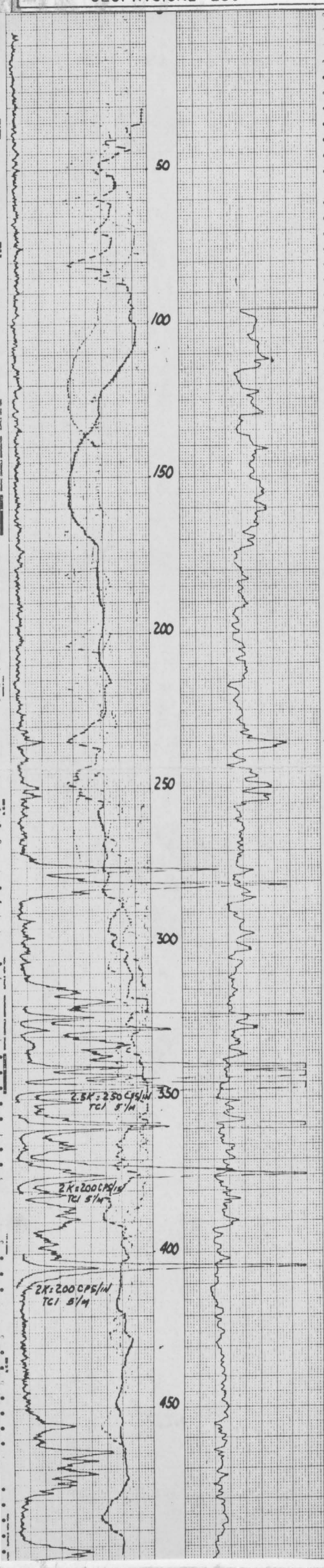
| | |
|---|---|
| HOLE NO. | AM 442 |
| GAMMA SCALE | 500=50CPS/in |
| PROBE TYPE | SCINT. |
| K-FACTOR | 5.70X10-5 |
| DEAD TIME | 7.18μ |
| TIME CONSTANT | 1 |
| PROBE DIA. | 1 5/8 |
| CALIPER | |
| DIRECTIONAL SURVEY | |
| TEMPERATURE | |
| OPERATOR | BITTERLING |
| DRILLER | MAR |
| CONTRACTOR | BOYLES BROS. |
| LAST A.E.C. PIT RUN | |
| FLUID LEVEL | |
| REMARKS | |

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 443

ELEVATION 1807 NORTH 1,202,577.8 EAST 639,632.0 LOGGED BY C ZH DATE 3-14-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 520 P.D. ____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|




Cgl, Lt Tan, Granitic

Cgl, Yel Tan, Sndy

Cgl, Lt Tan, Granitic

Cgl, Sndy, Tan to Tan Grn

SS, V. Silty, Brn

SS, Cgl, Silty, Tan to Tan Brn

Siltst, Tan Grn to Grn

Siltst, Grn, w/ Wht Calc Tuff or Mavlst, Bentonitic
Yel Brn Chert

Silicified Siltst, Grn, w/ Gry Grn Sub Chert

Red Brn Chert

Siltst, Grn, Bentonitic

Carbonaceous, Siltst + Lignite Intbdd Silicified Siltst
DK Grn to Blk, Bentonitic

Siltst, Grn, Sub Carbonaceous, Trace Silicification
w/ Intbdd Pink to Wht Bentonite

Lignite + Carbonaceous Siltst, Blk to DK Grn,
Calcareous, w/ Brn Calc Tuff or LS and Intbdd
Grn Mdst

Siltst (Red + Grn) + SS, Tan Grn, Fine to Med Subang
to Sub Rnd, Poor

Siltst, Red Brn, No Volcanics Sndy
— V. Sndy

Carbonaceous Siltst + Lignite, Sndy,
DK Grn to Blk

SS, Red Tan Fine to med

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 443

ELEVATION 1807 NORTH 1,202,577.8 EAST 639,632.0 LOGGED BY CZH DATE 3-14-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 520 P.D. ____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|
| 507<br>500=50CPS/IN S.P100MV.<br>TCI 15'/M<br>100 Ω | 20<br>40<br>60<br>80<br>00<br>20<br>40<br>60<br>80<br>00<br>20<br>40<br>60<br>80<br>00<br>20<br>40<br>60<br>80<br>00<br>20<br>40<br>60<br>80<br>00 | | | | | SS, Red Tan, Fine to med<br>Carbonaceous Sltst + Lignite DK Gy to Blk<br>Sltst Red + Andesitic Volcanics Red Brn |

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 443

LOCATION ANDERSEN MINE

COUNTY YAVAPAI STATE ARIZONA

GP. 1202,577.8N-639,632.0 E ELEV. 1807

| SEC. | TWP. | RGE. |
|---|---|---|
| DATE | 3-14-77 | |
| DEPTH DRILLED | 520 | |
| DEPTH LOGGED | 507 | |
| FOOTAGE LOGGED | 573 | |
| HOLE DIAMETER | 5 | |
| WATER FACTOR | | |
| RESISTIVITY | 100 | OHMS/INCH |
| SELF POTENTIAL | 100 | M.V./IN. |

| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
|---|---|---|---|
| BOTTOM | 410 | 380 | 351 |
| TOP | 400 | 355 | 320 |
| TOTAL FEET | 10 | 25 | 31 |
| SCALE RUN | 2K=200CPS/IN | 2K=200CPS/IN | 2.5K=250CPS/IN |

| | |
|---|---|
| GAMMA SCALE | 500=50CPS/IN |
| PROBE TYPE | SCINT |
| K-FACTOR | 5.70×10⁻⁵ |
| DEAD TIME | 7.19 μ |
| TIME CONSTANT | 1 |
| PROBE DIA | 1 3/8 |
| CALIPER | |
| DIRECTIONAL SURVEY | |
| TEMPERATURE | |
| OPERATOR | KETTERLING |
| DRILLER | FREDDY |
| CONTRACTOR | UNIVERSAL |
| LAST A.E.C. PIT RUN | |
| FLUID LEVEL | |
| REMARKS: | |

# DIAMOND DRILL LOG

SCALE 1" = 10'  STARTED ____  STOPPED ____  NOTES BY L. Sougenash

DEPTH 270 - 290, 341-395.6  BEARING ____  INCLINATION ____

HOLE No. AM 44.3 C  SHEET 1 OF 1

PROPERTY Andrew Mine  COUNTY ____  COLLAR COORD. N. ____  COLLAR ELEV. ____  STATE AZ  E. ____

| ASSAYS | % RECOV. | DEPTH | Graph | COL. | DETAIL | MINERALIZATION | ALTERATION | ROCK TYPE |
|---|---|---|---|---|---|---|---|---|
| | | | | | ⊟ I dip of beds | colors wet 10% HCl | | |
| | | 270 | | | 270-275 abundant muscovite in sandy zones 1-2cm wispy carbonaceous layers at 274, 273 a few root casts of Fe oxide (s). | | | siltstone 5GY 4/1 greenish gray and sandstone |
| | | | | | 275-276, 276-277 out for density test | | | carbonaceous siltstone olive black 5Y 2/1 |
| | | | | | 277-279 gray and tan calcareous, carbonaceous siltstone, gastropods are common, only slight Rx w/HCl. pebbly chunks & stringers of tan (s(?) or siltstn. | | | |
| | | 280 | | | 279-290 siltstone: local white patches & stringers at 282 285-286 white clay(?) filled root channels, a few are silicified. | | | siltstone greenish gray 5GY 6/1 |
| | | 290 | | | End of 1st interval at 290 | | | |
| | | 310 | | | Beginning of second interval 315' | | | |
| | | 315 | | | 315 - 320.4 gray green siltstone, trace carbon as specks at 315.5, dark gray carbonaceous siltstone at 320.4-321.6 white filling in weblike fractures locally | | | siltstone 5GY 2/1 greenish black olive black 5Y 2/1 |
| | | 320 | | | 321.6-341 olive black siltstone dark greenish gray 5GY 4/1 band 4" at 346.5 335-336.5 carbonaceous siltstone - carbon laminae and stringers in bedding planes, dip ≥ 20° 340 - 3" carbon rich banding in the siltstone - gray green color. | | | dark greenish gray 5GY 4/1 |
| | | 330 | | | | | | |
| | | 340 | | | 341-348 gray green siltstone with gray and metallic - yellow stringers of pyrite replacing plant frags (?) extremely fine grained pyrite. | | | siltstone 5GY 4/1 dark greenish gray |
| | | | | | ~~345 End of~~ 345-348 siltstone - abundant muscovite, darker green specks. | | | siltstone - dark greenish gray 5GY 4/1 |
| | | 350 | | | 348 - 350 carbonaceous siltstone - carbon laminae and tan pebbly clasts | | | |
| | | | | | 350-355.7 olive gray to grayish black mottled siltstone carbon and white specks & blotches, laminations. Silicified circular to oblong fossils (??) at 355.5 | | | siltstone Dark greenish gray to olive black 5GY 4/1 - 5Y 2/1 |
| | | 355.7-357 | | | ~~355.7-357~~ gray green siltstone, green clay (?) on fractures, pyrite in fractures. carbon band ½" thick at 356.5 | | | |
| | | 360 | | | 357 — 360 olive black carbonaceous siltstone - white veins in bedding and resulting bedding .5-1 m thick, lt. gray splotches, stringers. | | | siltstone 5GY 4/1 dark greenish gray |
| | | | | | 360 - 363.4 dark green gray siltstone slightly calcareous, pebbly splotches and bands .5-1" thick. | | | |
| | | | | | 363.4 - 364.4 bands of very small fossil (?) zones ½" thick at 364.2 | | | calc siltstone light olive gray 5Y 4/1 |

LOG

STARTED
STOPPED
NOTES BY [illegible]

DEPTH 270-290, 341-395.6
BEARING
INCLINATION

HOLE No. AM443C
SHEET 2 OF 2
PROPERTY [illegible]
COUNTY
STATE AZ
COLLAR COORD. N.
E.
COLLAR ELEV.

| % RECOV. | DEPTH | Graph | COL. | DETAIL | MINERALIZATION | ALTERATION | ROCK TYPE |
|---|---|---|---|---|---|---|---|
| | 360 | | | | | | |
| | | | | 364.4-364.7 banded carbonaceous siltstone<br>364.7-366 gray green siltstone, calcareous, brownish gray silica band at 365.4.<br>366-375.1 | | | siltstone calcareous some sections, gastrop |
| | 370 | | | 366-369.5 siltstone, lignite bands at 366.1, .2, .5 each 1/4-1/2" thick wisps of carbon, gastropods<br>367.1 lignite band 1" thick, 367.8, 368 lig bands 1/2", 1" thick<br>369.5-370.3 lignite and very carbonaceous siltstone | | | siltstone, calc silt and bands of lignit and very carbonaceo siltstone. black, olive black, light olive gray |
| | 380 | | | 371-4" lignite, 371.4-2", 371.8-5" + 371.3-2", 371.6-1"<br>373 calcareous siltstone light olive gray 5Y 6/1 w a few gray bands of carbonaceous siltstone, locally silicified in veins and fractures dip at 375 10°<br>375 1" band of lignite and 1" at 375.1.<br>375-385.8 siltstone with fossil burrows at 378, filled with tan, hard material (?), wisps of carbon x bedding, carbonaceous zones and layers calcareous zone 379.8-380.4. 381.3 lignite .1", 382, 2", | | | siltstone, calcareo siltstone, carbono siltstone and lignit & fine pyrite in hach at 378 |
| | | | | 385. pinkish gray 5YR 8/1 limestone or calc. sltstn. | | black, dark greenish gray | siltstn, calc silt lignite |
| | 390 | | | 385.1-388 carbonaceous siltstn & lignite, biotite rich<br>388-390 grn sltstn w/ light yel gry splotches abundant. | | | siltstone olive grn and ye gray - 5Y 4/1, 5 |
| | | | | 390-391 lt grnish gry 5GY 8/1 limestone (?) w/ silicified patches 1cm are diameter sparse.<br>391-393 lt gry and green siltstone - calc light gry layers, blotches, abundant dark green rootchanals. in curving spots and stringers. trace pyrite, and silica patches | | | limestone (?)<br>siltstone light olive gray 5Y 6/ pale blue 5B 6/2 |
| | | | | 395.6 End of hole | | | |

**PROJECT** Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 444-C

**ELEVATION** 1875 **NORTH** 1,202,355.0 **EAST** 640,208.0 **LOGGED BY** CZH **DATE** 1-7-77

**SECTION** _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 600 **P.D.** _____

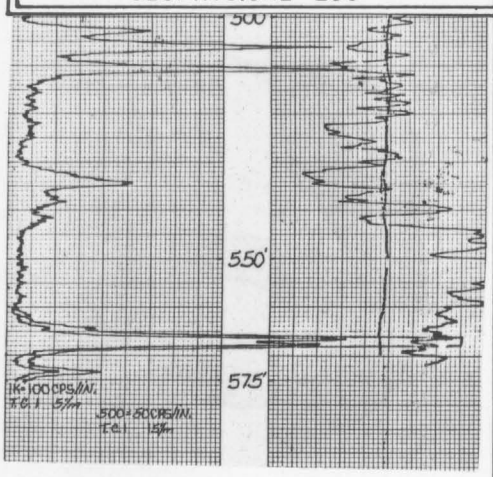
| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|
| | 20 | | | | | Basalt, DK Gry to Blk |
| | 40 | | | | | Sndy Cgl, Red to Orange, Bake Zone |
| 50' | 60 | | | | | |
| | 80 | | | | | Cgl, Sndy, Slty, Lt Tan to Tan |
| 100' | 100 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | |
| 150' | 60 | | | | | |
| | 80 | | | | | Cgl, Slty Red Brn |
| 200' | 200 | | | | | Cgl, V. Slty, Tan to Brn |
| | 20 | | | | | |
| | 40 | | | | | |
| 250' | 60 | | | | | Sltst, Lt Grn W/Thin Intbds Ls or Marlst |
| | 80 | | | | | Ls + Marlst, Wht, W/Red Brn Chert |
| 300' | 300 | | | | | Sltst, Lt Grn |
| | 20 | | | | | Carbonaceous Sltst, DK Grn to Gry |
| | 40 | | | | | Calcareous Sltst, Lt Grn, Silicified |
| 350' | 60 | | | | | Carbonaceous Sltst, DK Gry |
| | 80 | | | | | Sltst, DK Grn Carb Com to Abnt |
| 400' | 400 | | | | | |
| | 20 | | | | | Carbonaceous Sltst, DK Gry, Bentonite |
| | 40 | | | | | Ls, Wht Gry |
| 450' | 60 | | | | | Sltst, Grn |
| | 80 | | | | | Sltst, Red Brn, Sndy |
| | 500 | | | | | |

**PROJECT** Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** Am 444-C

**ELEVATION** 1875 **NORTH** 1,202,355.0 **EAST** 640,208.0 **LOGGED BY** CZH **DATE** 1-7-77

**SECTION** _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 600 **P.D.** _____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|




20 — Siltst, DK Gry to Gry, Carb Trace to Abnt

40

Siltst, Brn

60 — Siltst, Carb Com to Abnt, DK Grn to Gry
Lignite

80 — Siltst, Red, Volcanic chips

600

20

40

60

80

00

20

40

60

80

00

20

40

60

80

00

20

40

60

80

00

20

40

60

80

00

MINERALS EXPLORATION CO.

CASPER, WYOMING — HOLE NO. AM-444-C

| | | | |
|---|---|---|---|
| LOCATION | ANDERSON MINE | GAMMA SCALE | 500=50CPS/in. |
| COUNTY | Yavapai STATE Ariz. | PROBE TYPE | Scint. |
| GP. 1,202,355.0N-640,208.0 | ELEV. 1875 | K-FACTOR | $5.7 \times 10^{-8}$ |
| SEC. TWP. RGE. | | DEAD TIME | 7.14 μ sec. |
| | | TIME CONSTANT | 1 |
| | | PROBE DIA. | 1⅝" |
| DATE | 1-12-77 | CALIPER | |
| DEPTH DRILLED | 575' | DIRECTIONAL SURVEY | |
| DEPTH LOGGED | 575' | TEMPERATURE | |
| FOOTAGE LOGGED | 600' | OPERATOR | Hudson |
| HOLE DIAMETER | 5⅝" to 560' 5" to 575' | DRILLER | Sharpe |
| WATER FACTOR | | CONTRACTOR | Roberts |
| RESISTIVITY | OHMS/INCH | LAST A.E.C. PIT RUN | |
| SELF POTENTIAL | M.V./IN. | FLUID LEVEL | |

| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
|---|---|---|---|
| BOTTOM | 575' | 350' | |
| TOP | 560' | 340' | |
| TOTAL FEET | 15' | 10' | |
| SCALE RUN | 1K=100CPS/IN. | 5K=500CPS/IN. | |

REMARKS:

1,202,355.0 N – 640,208.0 E

Elev. 1875

Hole #AMH44-C

Core Lith Log

17 Boxes
Core Intervals

300 – 315
335 – 435
555 – 575

300 – 307'6" Sltst/Mdst, Grn, Upper 2' Bentonite + Bentonitic, Lower Parts become more Carbonaceous, 306'4" – 306'6" silicified

307'6" – 308 Carbonaceous Sltst DkGrn to Blk

308 – 308'4" Sltst, Grn, trace Carb

308'4" – 311'10" Carbonaceous Sltst + Lignite, Dk Gry to Blk, Organic Shell Material Calcareous, Some silicification

311'10" – 313'10" Silicified Sltst, Grn Gry, Trace Carb,

Second Interval

335 – 337 Sltst, Grn, Bentonitic, w/ white Calcareous inclusion (Tuff?)

337 – 338 Ls or Calcareous Tuff, wht,

338 – 339'8" Sltst, olive Grn, Bentonitic

339'8" – 343 Sltst, DkGrn, Carb Trace to Com, Lower 6" Bentonitic (wht.)

343 – 346 Carbonaceous Sltst DkGry to Blk silicified

346 – 348'6" Carbonaceous Sltst, DkGry to Blk, Calcareous, silicified

348'6" – 354 Carbonaceous Sltst, DkGry to Blk, silicified

354 – 354'6" Carbonaceous Sltst, DkGry to Blk, Calcareous, silicified

354'6" – 357 Carbonaceous, Sltst, DkGry to Blk, silicified

357 – 358 Carbonaceous Sltst, DkGry to Blk, Calcareous, silicified

358 – 359'3" Carbonaceous Sltst, DkGry to Blk, silicified

359'3" – 359'6" Sltst, Lt Grn, Bentonitic

359'6" – 359'9" Carbonaceous Sltst, DkGry to Blk, Silicified

359'9" – 360 Sltst, Lt Grn, Bentonitic

360 – 366 Carbonaceous Sltst + Lignite DkGrn to Blk, Silicified

366 – 380'9" Sltst/Mdst, Grn to DkGrn, Bentonitic, Trace to Com Carb,

380'9" – 382'6" Carbonaceous Sltst + Lignite DkGry to Blk + Brn, Some silicification

382'6" 383'4" Sltst, Silicified, Brn to DkGrn, Some Carbonaceous Material increasing Downward

383'4" – 389 Carbonaceous Sltst + Lignite, DkGry to Blk, Silicified

389 – 390 Sltst, Grn, Silicified

390 – 392'3" Sltst, Grn to DkGrn, Vo Sndy

392'3" – 393 Sltst, Grn, Bentonitic

393 – 394'6" Calcareous Sltst +/or Calcareous Tuff, Grn

394'6" – 397'8" Sltst, Vo Sndy, Grn to DkGrn

397'8" – 398'3" Calcareous Sltst, Lt Grn to Lt Gry, (Tuff?)

398'3" – 399'6" Sltst, Grn, Sndy

Hole # AM 444-C

Core Lith Log Cont.

399'6"-400'2" Calcareous Sltst, Grn,

400'2"- 403'3" Sltst, Grn to DK Grn,

403'3"- 404'6" LS, Brn, Carbonaceous

404'6" - 405 Lignite, Blk,

405- 406 Carbonaceous Sltst + thin Lignitic Bed, Grn + Blk

406 - 407'5" LS, Brn to Gry, Carbonaceous

407'5"- 407'7" Lignite

407'7"-407'9" LS, Gry, Carbonaceous (Tuff?)

407'9"- 410 Carbonaceous Sltst + Lignite, DK Gry to Blk, Silicified

410 - 410'5" LS + Lignite, Brn, + Blk, (LS = Tuff?)

410'5"-411'4" ~~LS, Lt Gry to Brn~~ Lignite, Blk

411'6"- 412'2" LS, Lt Gry to Brn, w/ Lignitic Layers,

412'2"- 417'4" Sltst, Grn to DK Grn, Upper Sub Calcareous, Bentonitic

417'4"- 417'8" LS, Tan Brn, (Tuff?)

417'8" - 418'2" Sltst, Grn, Bentonitic

418'2"-418'6" LS Tan Brn (Tuff)

418'6"- 419'6" Sltst, Grn to DkGrn, Sub calcareous

419'6"- 421 LS, Brn to Lt Gry and Calcareous Carbonaceous Sltst

421 - 425'6" Lignite + Carbonaceous Sltst DkGry to Blk

425'6"-436 LS, Calcareous Sltst, w/ Wht Inclusions (Calcareous Tuff), Upper Part Carbonaceous, Gry, Lower Lt Grn to Gry Wht, More Silty

## THIRD INTERVAL

555 - 558'2" Sltst, Vs Sndy, Gry, Carbonaceous,

558'2"- 559'6" SS, Calcareous, Gry to Lt Gry, Fine to Med, Sorting Poor,

559'6"-562'2" Sltst, Grn, Upper Vs Sndy, rest Sndy

562'2"-566'6" Carbonaceous Sltst + Lignite DKGrn to Blk,

566'6" 568'4" Sltst/Mdst, Grn to DK Grn, Bentonitic

568'4"-571'8" Sltst, Gry Grn, Sndy

571'8" 572'4" Lignite, Blk

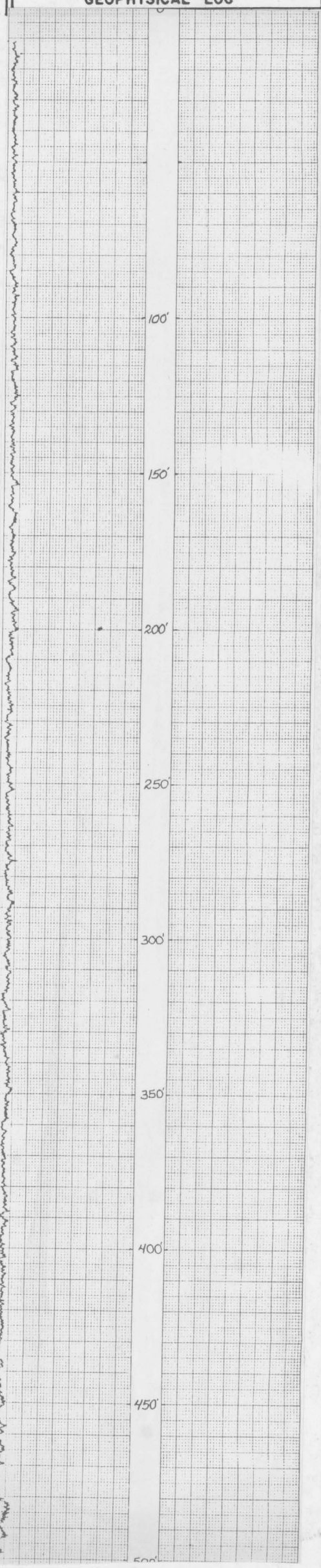
572'4"-574'8" Sltst Lt Grn w/ Some Red Brn Staining Carb trace to com

574'8"-575 Sndy Sltst, Red Brn Gry, Calcareous, Carb com, Weathered Volcanics

PROJECT Anderson Mine HOLE SIZE _____ ☐ AIR ☒ WATER HOLE NO. AM445

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY CEH DATE 4-6-77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 780 P.D. _____



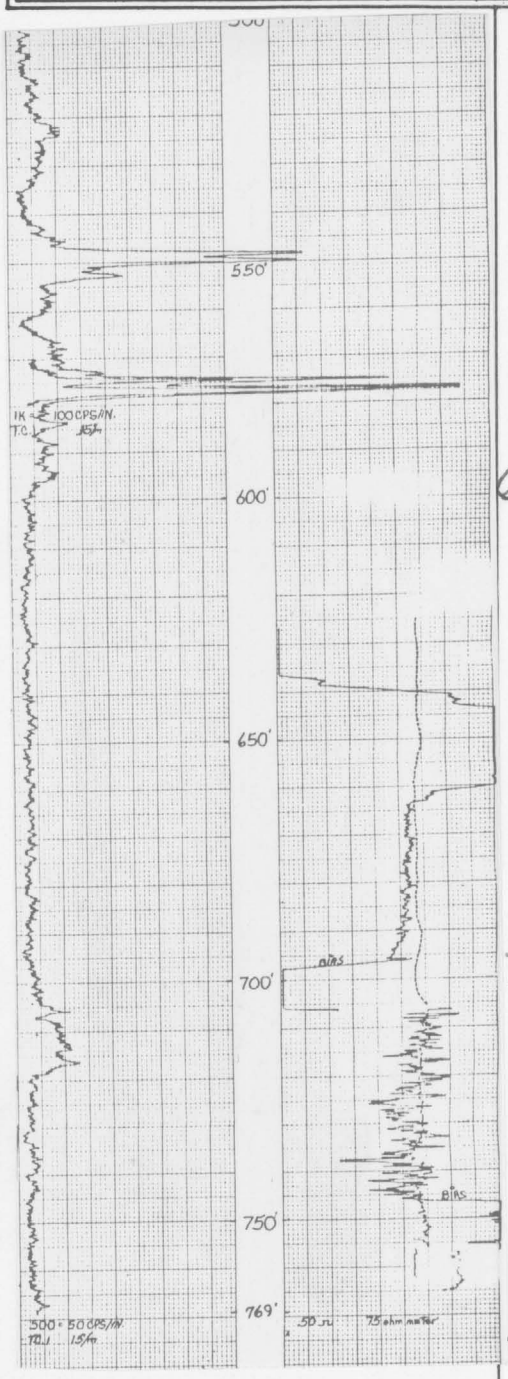

| DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|
| | | | | | Cgl, wht, Granitic + Volcanics |
| 20 | | | | | |
| 40 | | | | | |
| 60 | | | | | |
| 80 | | | | | |
| 100 | | | | | |
| 20 | | | | | |
| 40 | | | | | Cgl, Tan, w/ Volcanic + Granitic Pebs + Boulders, |
| 60 | | | | | |
| 80 | | | | | increased Blk Volcanics |
| 200 | | | | | |
| 20 | | | | | |
| 40 | | | | | |
| 60 | | | | | |
| 80 | | | | | SS, Tan silty |
| 300 | | | | | |
| 20 | | | | | Siltst, Brn, Sndy |
| 40 | | | | | |
| 60 | | | | | |
| 80 | | | | | SS, Fine to Crs, subAng, Granitic silty |
| 400 | | | | | |
| 20 | | | | | |
| 40 | | | | | silty to V. Silty |
| 60 | | | | | |
| 80 | | | | | Siltst, Grn Tan |
| 80 | | | | | Siltst, Tan Grn, Trace Marlst |
| 500 | | | | | |

**PROJECT** Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM445

**ELEVATION** _____ **NORTH** _____ **EAST** _____ **LOGGED BY** C ZH **DATE** 4-6-77

**SECTION** _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 780 **P.D.** _____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|




| Depth | Lithology |
|---|---|
| 20 | Sltst, Pale Grn to Grn, Silicified, W/ Grn Sub Chert + Wht Calc Tuff, Calcareous |
| 40 | |
| 60 | Sltst, Grn + Red, Sndy |
| 80 | SS, Red Tan, Med Sub Ang |
| 600 | Silicified Sltst Grn W/ Trace Wht Calc Tuff or Ls |
| 20 | |
| 40 | Sltst Red + Grn W/ Intbdd Tan SS, |
| 60 | |
| 80 | SS, Tan, Sub Ang, Med to Crs, W/ Intbdd Grn + Red SS |
| 700 | Intbdd Grn Sltst + Tan SS } Intbdd Grn Bentonitic Clyst |
| 20 | |
| 40 | Intbdd Grn + Red Sltst + Tan SS, Andesitic Volcanic Frags increasing near Bottom |
| 60 | Andesitic Volcanics |
| 780 | |
| 00 | |
| 20 | |
| 40 | |
| 60 | |
| 80 | |
| 00 | |
| 20 | |
| 40 | |
| 60 | |
| 80 | |
| 00 | |

## MINERALS EXPLORATION CO.

ASPER, WYOMING — HOLE NO. AM-445

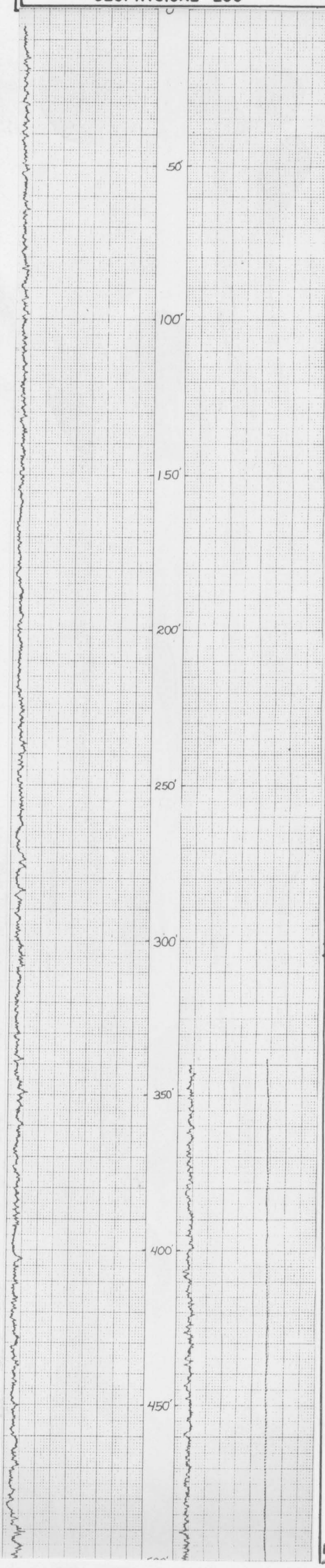
| | | | |
|---|---|---|---|
| OCATION | ANDERSON MINE | GAMMA SCALE | 500 = 50 CPS/in. |
| COUNTY | Yavapai | PROBE TYPE | SCINT. |
| | STATE Ariz. | K-FACTOR | $5.7 \times 10^{-8}$ |
| P. | 1201.399 IN / 637.241 SE | DEAD TIME | 7.14 μ sec. |
| | ELEV. 2025 | TIME CONSTANT | 1 |
| EC. | TWP. RGE. | PROBE DIA. | 1⅝" |
| ATE | 4/6/77 | CALIPER | |
| EPTH DRILLED | 780' | DIRECTIONAL SURVEY | |
| EPTH LOGGED | 769' | TEMPERATURE | |
| OOTAGE LOGGED | 779' | OPERATOR | Hardman |
| OLE DIAMETER | 5¾" TO 210' 5¼" TO 780' | DRILLER | Darwin |
| WATER FACTOR | | CONTRACTOR | Roberts |
| ESISTIVITY | 50 OHMS/~~INCH~~ 75 ohm meters | LAST A.E.C. PIT RUN | |
| ELF POTENTIAL | M.V./IN. | FLUID LEVEL | |
| ERUNS | 1ST. RUN / 2ND. RUN / 3RD. RUN | REMARKS: | |
| BOTTOM | 580' | | |
| TOP | 570' | | |
| TOTAL FEET | 10' | | |
| SCALE RUN | 1K = 100 CPS/IN. | | |

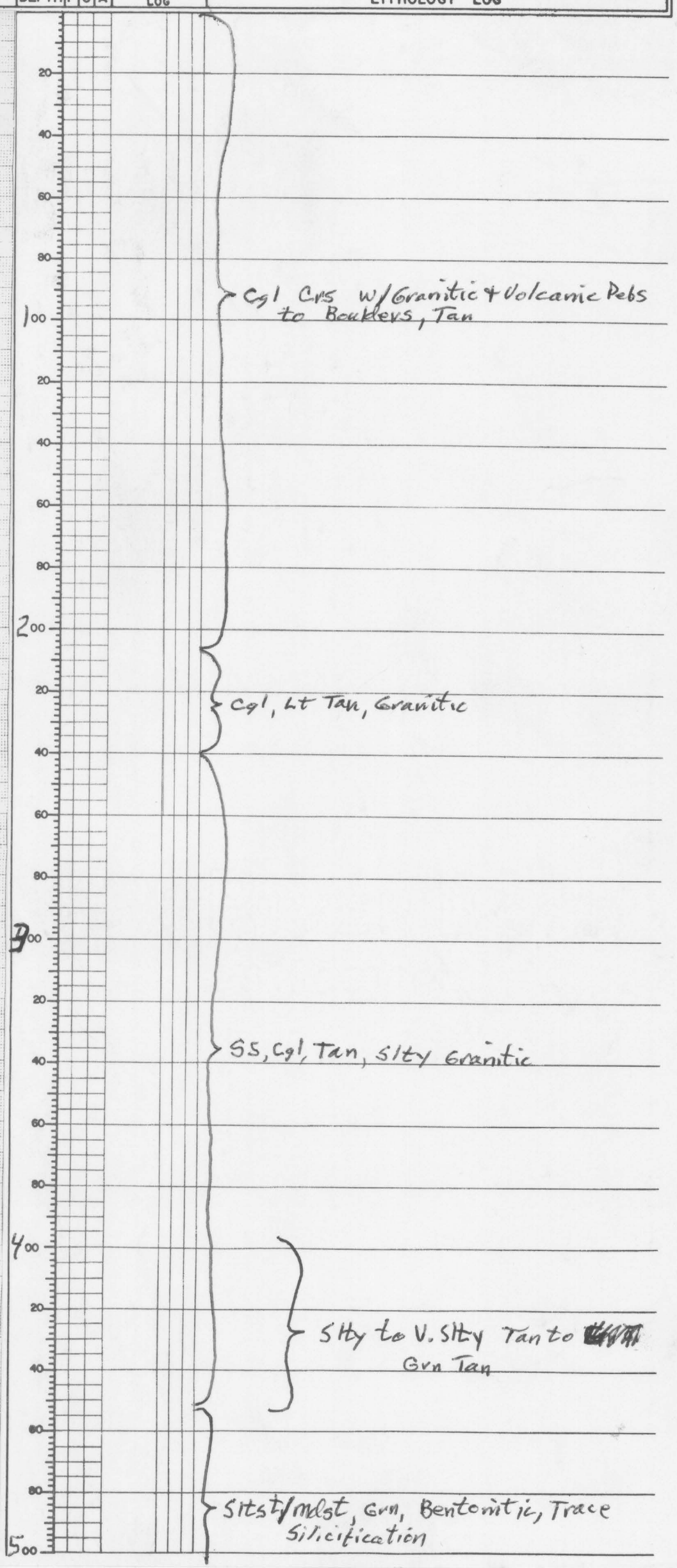
PROJECT Anderson Mine HOLE SIZE _____ ☐ AIR ☑ WATER HOLE NO. Am W46

ELEVATION 1984 NORTH 1,201,234.5 EAST 637,205.6 LOGGED BY CZH DATE 4-4-77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 780 P.D. _____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|



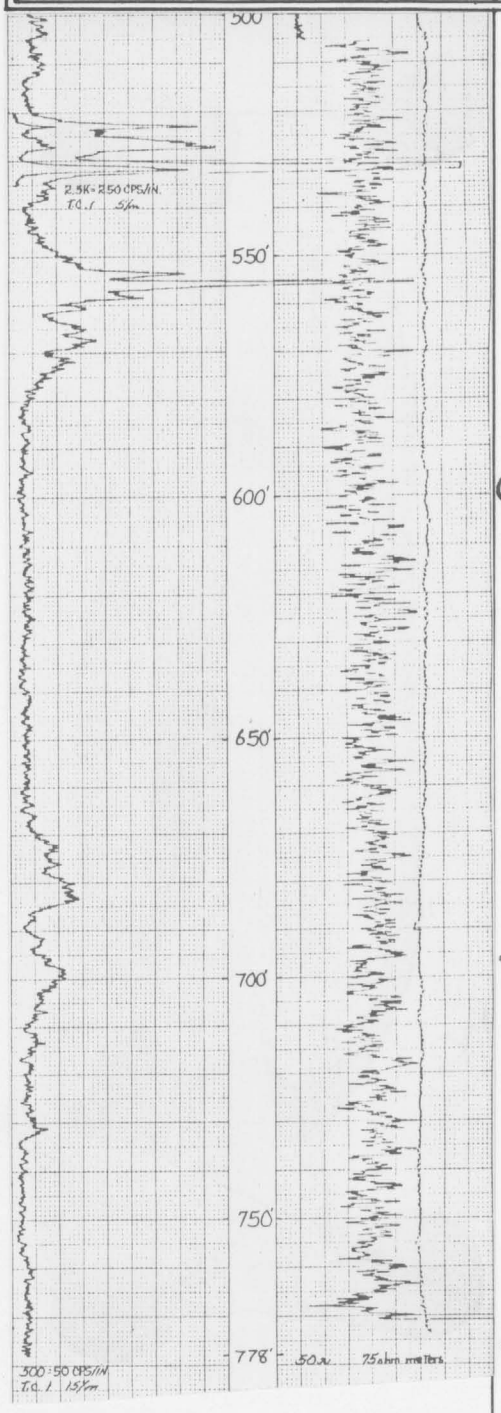



PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 446

ELEVATION 1984 NORTH 1,201,234.5 EAST 637,205.6 LOGGED BY CZH DATE 4-4-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 780 P.D. ____

GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG




Depth scale: 20, 40, 60, 80, 600, 20, 40, 60, 80, 700, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00

Lithology log:

- Sltst/Mdst, Pale Grn to Grn, Bentonitic, Trace silicification
- } Trace Carb?
- Sltst Brn
- Sltst, Tan Grn to Grn, silicified,
- Sltst, Tan
- Sltst, Grn to Pale Grn, w/ wht calc Tuff
- Sltst, Brn
- Silicified Sltst, Grn, w/ Grn Sub chert and Intbdd SS Grn Tan, Med, Sub Ang, Arkosic
- SS, Grn Tan, w/ Intbdd Grn sltst, Bentonitic Sorting Poor, Med to Crs, Sub Ang Arkosic
- Sltst Red + Grn w/ Intbdd SS, Red Tan, Med to Crs, Sorting Poor, Sub Ang, Arkosic
- SS, Red Tan to Tan, w/ Intbdd Red + Grn Sltst, Med to Crs, Poor Sorting Sub Ang to Ang, Arkosic
- Sltst, Red Brn, Andesitic Volcanics, Red Brn
- SS, Crs, Granitic, Red Tan
- Andesitic Volcanic Frags, Red Brn, sity

MINERALS EXPLORATION CO.

CASPER, WYOMING HOLE NO. AM-446

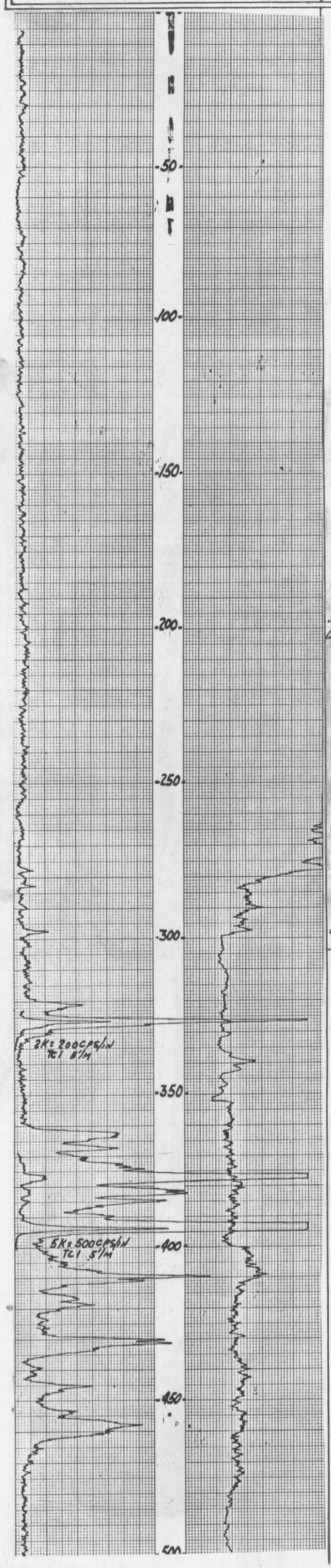
| | | | |
|---|---|---|---|
| LOCATION | ANDERSON MINE | GAMMA SCALE | 500=50CPS/in |
| COUNTY | Yavapai STATE ARIZ. | PROBE TYPE | Scint. |
| GP. 1,201,234.5N-637,205.6E ELEV. 1984 | | K-FACTOR | 57 $m^{-3}$ |
| | | DEAD TIME | 7.14 μ sec. |
| SEC. | TWP. RGE. | TIME CONSTANT | 1 |
| DATE | 4/4/78 | PROBE DIA. | 1⅝" |
| DEPTH DRILLED | 780' | CALIPER | |
| DEPTH LOGGED | 778' | DIRECTIONAL SURVEY | |
| FOOTAGE LOGGED | 793' | TEMPERATURE | |
| HOLE DIAMETER | 5¼" to 780' | OPERATOR | Hudson |
| WATER FACTOR | | DRILLER | Jim |
| RESISTIVITY | 50 OHMS/INCH 75 ohm meters | CONTRACTOR | Roberts |
| SELF POTENTIAL | M.V./IN. | LAST A.E.C. PIT RUN | |
| RERUNS | 1ST. RUN / 2ND. RUN / 3RD. RUN | FLUID LEVEL | |
| BOTTOM | 535 | REMARKS: | |
| TOP | 520 | | |
| TOTAL FEET | 15 | | |
| SCALE RUN | 2.5K=250 CPS/IN. | | |

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM W47

ELEVATION 1902 NORTH 1,202,221.4 EAST 640,828.0 LOGGED BY CZH DATE 1-21-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. ____ P.D. ____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|




DEPTH: 20, 40, 60, 80, 100, 20, 40, 60, 80, 200, 20, 40, 60, 80, 300, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00

Cgl, silty, Tan to Brn, Volcanic Frags

Basalt, DK Gry

Cgl, Lt Tan, Granitic, Sndy

Cgl Lt Tan to Wht Granitic

SS, Cgl, Granitic, Tan to Brn

SS/siltst

siltst, Tan Brn to Grn Brn

siltst, Grn W/thin Intbdd Marlst, Calcareous

Ls or Marlst, Wht, Calcareous, Mn Stain

silicified siltst, Tan Grn, W/Blue Gry Chert

Silicified siltst, Grn, – Trace Brn Chert

siltst, Grn, Bentonitic

Carbonaceous siltst, DK Grn

Ls, Gry Wht to Wht, W/Grn tan Bentonitic Clys

siltst, Lt Grn, Bentonitic

siltst, DK Grn, Carbonaceous

Carbonaceous siltst + Lignite, DK Gry to Blk

Carbonaceous siltst, DK Grn, Sub Calc,

Carbonaceous siltst + Lignite DK Gry to Blk Calcareous

siltst, Grn, Bentonitic

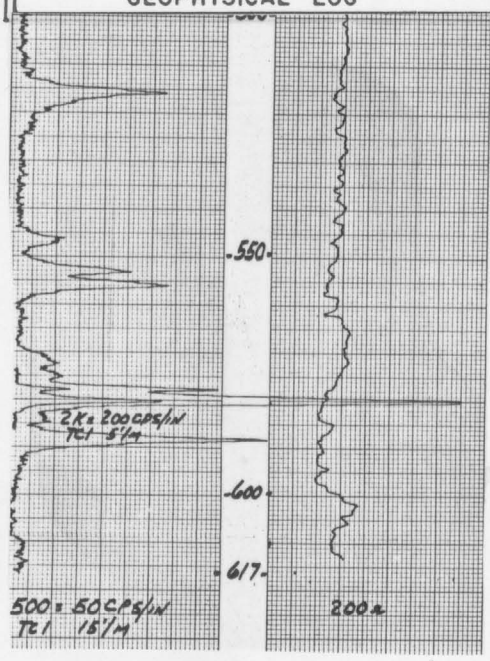
siltst, Tan Grn, Bentonitic

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 447

ELEVATION 1902 NORTH 1,202,221.4 EAST 640,828.0 LOGGED BY CZH DATE 1-21-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. ____ P.D. ____

GEOPHYSICAL LOG




| DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|
| | | | | | Siltst, Tan Grn, Bentonitic |
| | | | | | SS, Grn, V. Fine to Crs, Abt H2O, |
| | | | | | Siltst, Grn Bentonitic |
| 20 | | | | | Carbonaceous, siltst, Grn to DK Grn |
| 40 | | | | | Siltst, Bvn Grn to Grn, Bentonitic, Trace Red Siltst |
| | | | | | Siltst, Sndy, Tan Grn, |
| 60 | | | | | Carbonaceous siltst, DK Grn to Gry, Sndy |
| | | | | | SS, Crs, Tan, Hem stain? |
| 80 | | | | | Siltst, Grn, Bentonitic, Sndy |
| | | | | | Carbonaceous Siltst & Lignite DK Grn to Blk |
| 600 | | | | | Siltst, Lt Grn Bentonitic |
| | | | | | Andesitic Volcanics, Gry |
| 20 | | | | | |
| 40 | | | | | |
| 60 | | | | | |
| 80 | | | | | |
| 00 | | | | | |
| 20 | | | | | |
| 40 | | | | | |
| 60 | | | | | |
| 80 | | | | | |
| 00 | | | | | |
| 20 | | | | | |
| 40 | | | | | |
| 60 | | | | | |
| 80 | | | | | |
| 00 | | | | | |
| 20 | | | | | |
| 40 | | | | | |
| 60 | | | | | |
| 80 | | | | | |
| 00 | | | | | |

MINERALS EXPLORATION CO.

CASPER, WYOMING

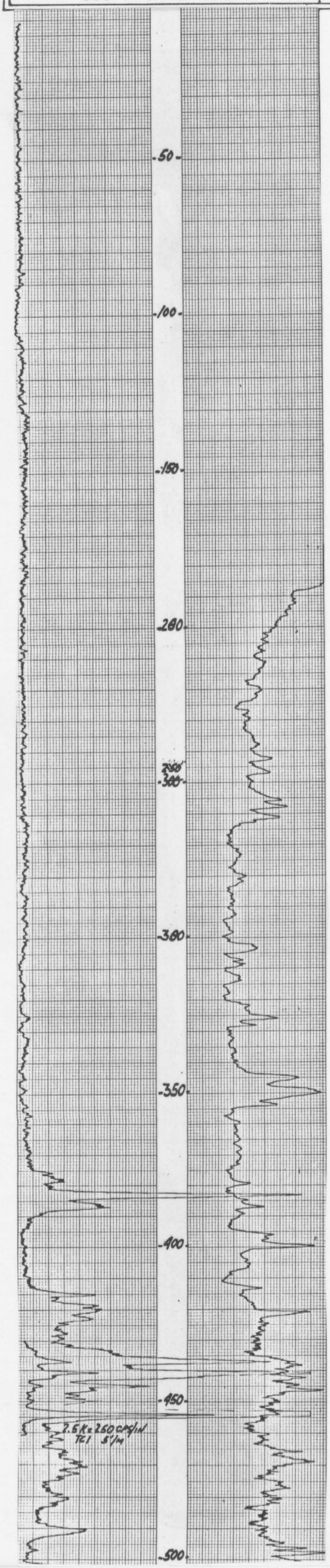
| | | | |
|---|---|---|---|
| LOCATION | ANDERSEN MINE | | |
| COUNTY | YAVAPAI | STATE | ARIZONA |
| GP. | 1,202,221.4N-640,828.0 | ELEV. | 1902 |
| SEC. | TWP. | RGE. | |
| DATE | 1-21-77 | | |
| DEPTH DRILLED | 620 | | |
| DEPTH LOGGED | 617 | | |
| FOOTAGE LOGGED | 672 | | |
| HOLE DIAMETER | 5 5/8 | | |
| WATER FACTOR | 1.22 | | |
| RESISTIVITY | 200 | OHMS/INCH | |
| SELF POTENTIAL | | M.V./IN. | |
| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
| BOTTOM | 586 | 400 | 335 |
| TOP | 574 | 369 | 323 |
| TOTAL FEET | 12 | 31 | 12 |
| SCALE RUN | 2K=2000CPS/IN | 5K=500CPS/IN | 2K=2000CPS/IN |

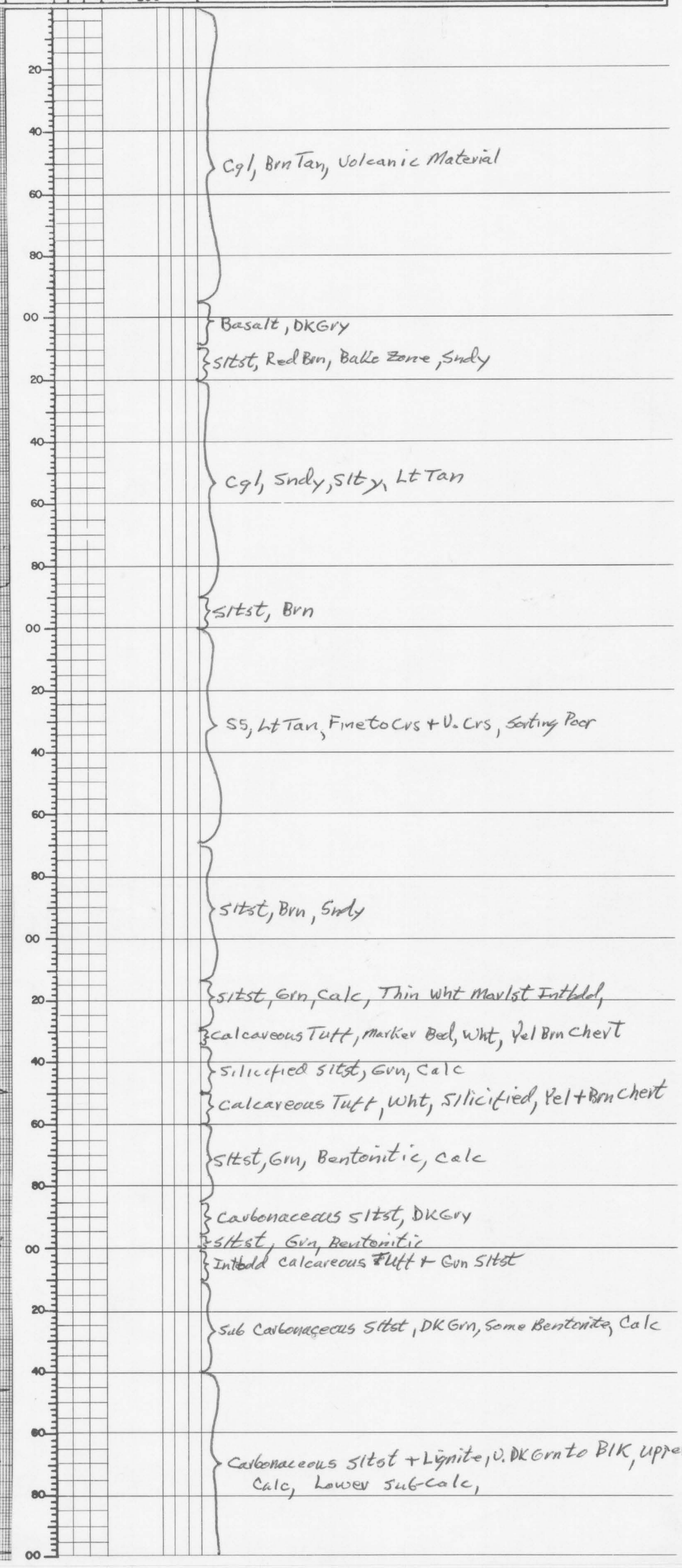
| | |
|---|---|
| HOLE NO. | AM 447 |
| GAMMA SCALE | 500=50CPS/IN |
| PROBE TYPE | SCINT. |
| K-FACTOR | 5.70 X 10^-5 |
| DEAD TIME | 7.14 μ |
| TIME CONSTANT | 1 |
| PROBE DIA. | 1 5/8 |
| CALIPER | |
| DIRECTIONAL SURVEY | |
| TEMPERATURE | |
| OPERATOR | RETTERING |
| DRILLER | RUSS |
| CONTRACTOR | REID & S |
| LAST A.E.C. PIT RUN | |
| FLUID LEVEL | |
| REMARKS | |

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 448

ELEVATION 1930 NORTH 1,201,992.1 EAST 641,025.6 LOGGED BY CZH DATE 1-22-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 720 P.D. ____

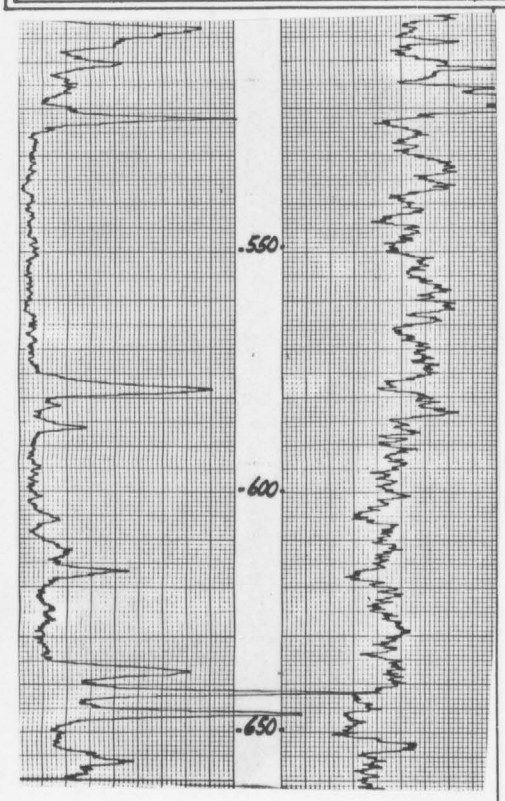


PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 448

ELEVATION 1930 NORTH 1,201,992.1 EAST 641,025.6 LOGGED BY CZH DATE 1-22-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 720 P.D. ____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|
|  | | | | | | Carbonaceous sltst + Lignite, Dk Grn to Blk, upper calc lower Sub-Calc |
| | 20 | | | | | Calcareous Tuff or Ls Wht to Brn w/Interbdd Grn sltst |
| | 40 | | | | | sltst, Tan Grn, Trace Bentonite |
| | 60 | | | | | SS, Tan Grn, Fine to med, Sorting Poor |
| | 80 | | | | | sltst, Grn, Bentonitic |
| | 00 | | | | | SS, Tan Grn Med to Crs w/Much sltst, |
| | 20 | | | | | carbonaceous sltst, Dk Grn |
| | | | | | | SS, Grn, Slty, Fine to Crs, sorting Poor Trace Hem Stain? |
| | 40 | | | | | sltst, Grn w/Brn Bentonitic sltst |
| | | | | | | Carbonaceous sltst, Dk Gry, Calc |
| | 60 | | | | | sltst, Grn, Bentonitic |
| | 80 | | | | | SS, Fine to Crs, slty, Lim Stain? |
| | 00 | | | | | |
| | 20 | | | | | Andesitic Volcanics, Red Brn to Brn Gry |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |

MINERALS EXPLORATION CO.

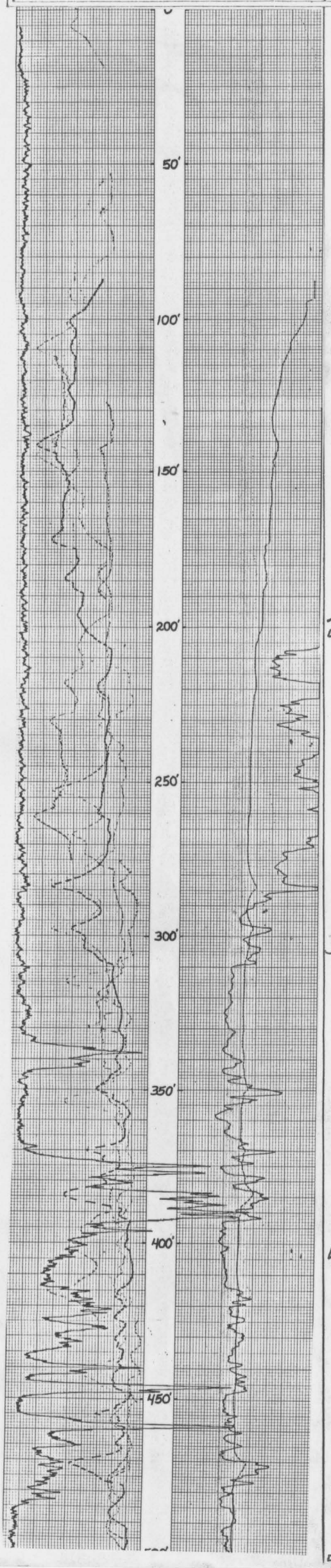
CASPER, WYOMING

| | | | | | |
|---|---|---|---|---|---|
| LOCATION ANDERSEN MINE | | | | HOLE NO. | AM 448 |
| COUNTY YAVAPAI | | STATE | | GAMMA SCALE | 500=50CPS/in |
| GP. 1201,992.1N-641,025.6E | | ELEV. 1930 | | PROBE TYPE | SCINT |
| | | | | K-FACTOR | 5.70×10-5 |
| | | | | DEAD TIME | 7.1μs |
| | | | | TIME CONSTANT | 1 |
| SEC. | TWP. | RGE. | | PROBE DIA. | 1 3/8 |
| DATE | 1-22-77 | | | CALIPER | |
| DEPTH DRILLED | 720 | | | DIRECTIONAL SURVEY | |
| DEPTH LOGGED | 669 | | | TEMPERATURE | |
| FOOTAGE LOGGED | 700 | | | OPERATOR | KETTERLING |
| HOLE DIAMETER | 5 3/8 | | | DRILLER | RUSS |
| WATER FACTOR | 1.22 | | | CONTRACTOR | REID & SHARPE |
| RESISTIVITY | 100 | OHMS/INCH | | LAST A.E.C. MT RUN | |
| SELF POTENTIAL | | M.V./IN. | | FLUID LEVEL | |
| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN | REMARKS: | |
| BOTTOM | 461 | | | | |
| TOP | 430 | | | | |
| TOTAL FEET | 31 | | | | |
| SCALE RUN | 2.5A=250CPS/in | | | | |

PROJECT Anderson Mine HOLE SIZE ☐ AIR ☑ WATER HOLE NO. AM 449

ELEVATION 1873 NORTH 1,202,189.1 EAST 640,026.7 LOGGED BY CZH DATE 2-21-77

SECTION TOWNSHIP RANGE T.D. 640 P.D.



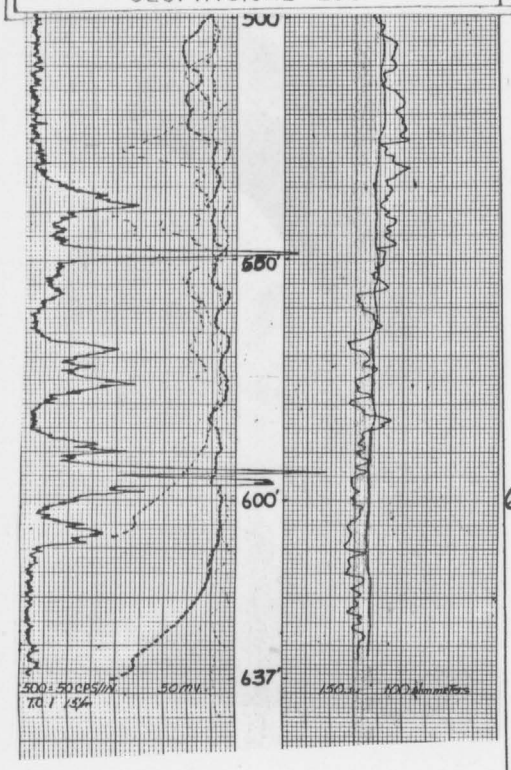

| DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|
| | | | | | Basalt, DK Gry |
| 20 | | | | | |
| 40 | | | | | |
| 60 | | | | | |
| 80 | | | | | Cgl, Lt Tan to Tan, Granitic, Sndy Slty |
| 100 | | | | | |
| 20 | | | | | |
| 40 | | | | | |
| 60 | | | | | |
| 80 | | | | | Cgl, Brn, Sndy |
| 200 | | | | | |
| 20 | | | | | |
| 40 | | | | | Sltst, Sndy, Tan |
| 60 | | | | | |
| 80 | | | | | |
| 300 | | | | | Sltst, Pale Grn, w/Wht Calc Tuff, Calc |
| 20 | | | | | |
| 40 | | | | | Sltst, Grn, Bentonitic silicified |
| 60 | | | | | |
| 80 | | | | | Silicified Sltst, Gry Grn, sub Chert, Calc |
| 400 | | | | | Carbonaceous Sltst + Lignite, DK Gry, Calc w/Brn Calc Tuff, Silicified |
| 20 | | | | | |
| 40 | | | | | Sub-Carb to Carb Sltst, DK Grn to Gry, Calc, Bentonitic Silicified |
| 60 | | | | | Carbonaceous Sltst + Lignite, DK Gry to Blk, Calc, Silicified, W/Brn Calc Tuff |
| 80 | | | | | Sltst, Tan Grn & Brn, Bentonitic |
| 500 | | | | | Silicified Sltst, Gry Gry, w/Grn Gry Sub-Chert, Calc, |

PROJECT Anderson Mine HOLE SIZE ☐ AIR ☑ WATER HOLE NO. AM 449

ELEVATION 1873 NORTH 1,202,189.1 EAST 640,026.7 LOGGED BY C ZH DATE 2-21-77

SECTION TOWNSHIP RANGE T.D. 640 P.D.

GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG




DEPTH: 20, 40, 60, 80, 600, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00

LITHOLOGY LOG:

- SS, Red Grn, Hem Stain, Sub Rnd, Poor, Med to Crs
- Sltst/Mdst, Sub Carb to Carbonaceous, DK Grn, Calc.
- SS, Sub Ang to Sub-Rnd, Poor, Med,
- Carbonaceous Sltst, DK Grn to Gry, Non Calc,
- Sltst, Tan Grn, Silicified, Sndy
- Carbonaceous Sltst + Lignite, DK Gry to Blk, Calc, Silicified
- Intbdd Red + Grn Sltst
- Sltst, Red, Volcanic Frags Red Brn

## MINERALS EXPLORATION CO.

CASPER, WYOMING HOLE NO. AM-449

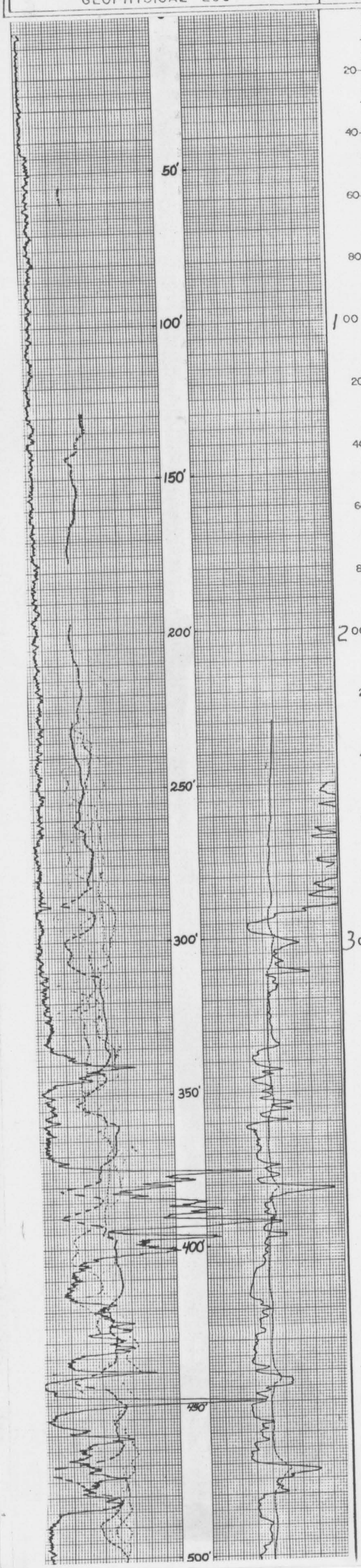
| | | | |
|---|---|---|---|
| LOCATION | ANDERSON MINE | GAMMA SCALE | 500=50 CPS/IN |
| COUNTY | Yavapai STATE ARIZ. | PROBE TYPE | Scint. |
| GP. 1,202,189.1N-640,026.7E | ELEV. 1873 | K-FACTOR | $5.7^{10^{-3}}$ |
| SEC. TWP. RGE. | | DEAD TIME | 7.14 μ secs |
| DATE | 2/21/77 | TIME CONSTANT | 1 |
| DEPTH DRILLED | 640' | PROBE DIA. | 1½" |
| DEPTH LOGGED | 639' | CALIPER | |
| FOOTAGE LOGGED | 637' | DIRECTIONAL SURVEY | |
| HOLE DIAMETER | 5⅝" to 640' | TEMPERATURE | |
| WATER FACTOR | | OPERATOR | Hudson |
| RESISTIVITY | 150 OHMS/IN/IN 100 ohmmeters | DRILLER | Jim |
| SELF POTENTIAL | 50 M.V./IN | CONTRACTOR | Roberts |
| RERUNS | 1ST. RUN / 2ND. RUN / 3RD. RUN | LAST A.E.C. PIT RUN | |
| BOTTOM | | FLUID LEVEL | |
| TOP | | REMARKS: | |
| TOTAL FEET | | | |
| SCALE RUN | | | |

PROJECT Anderson Mine HOLE SIZE ☐ AIR ☑ WATER HOLE NO. AM 450

ELEVATION 1888 NORTH 1,202,198.5 EAST 640,200.7 LOGGED BY CZH DATE 2-22-77

SECTION TOWNSHIP RANGE T.D. 640 P.D.

GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG




Depth scale: 20, 40, 60, 80, 100, 20, 40, 60, 80, 200, 20, 40, 60, 80, 300, 20, 40, 60, 80, 00, 20, 40, 60, 80

Basalt, DKGry

Sltst, Red Sndy, Bake Zone

Cgl, Granitic, Slty, Sndy, Lt Tan to Tan

Sltst, Tan

Sltst + Wht Calc Tuff, Pale Grn to Grn,

Sltst, Grn, Bentonitic, Silicified

Carbonaceous Sltst, DK Grn to Gry, Calc, Silicified

Silicified Sltst, Grn, Bentonitic, Calc, Yel Brn Chert

Carbonaceous Sltst, DK Grn to DK Gry, Calc, Silicified

Sub-Carbonaceous Sltst, DK Grn, Calc, Bentonitic

Carbonaceous Sltst + Lignite, DK Gry to Blk w/ Brn calc Tuff, Calc, Silicified

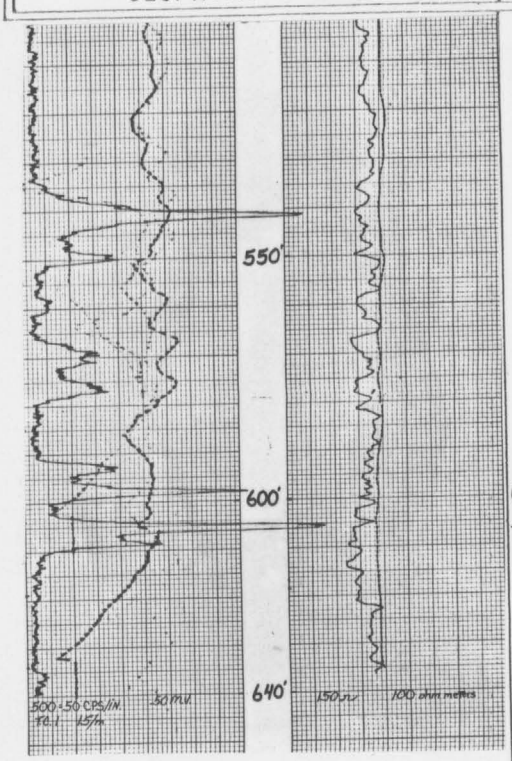
Silicified Sltst, Gry Grn, Calc Tuff Com, Grn Gry Sub-Chert

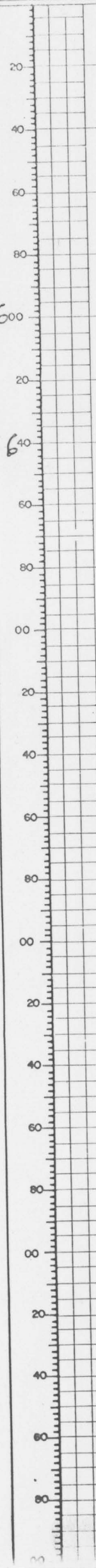
PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 450

ELEVATION 1888 NORTH 1,202,198.5 EAST 640,200.7 LOGGED BY CZH DATE 2-22-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 640 P.D. ____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|




Siltst, Tan, Sndy

SS, Med, TanGrn, SubAng to SubRnd, Poor

Carbonaceous Siltst, Gry, Sndy

SS, TanGrn, Med, Poor, SubRnd

Carbonaceous Siltst, Gry, Sndy

SS, Tan Grn, Sub Rnd, Poor, Med

Carbonaceous Siltst + Lignite, DK Gry to Blk, Calc Tuff, Silicified

Siltst, Red, No Volcanics

Siltst Red w/ Andesitic Volcanic Frags Red Brn + Gry Brn

**MINERALS EXPLORATION CO.**

CASPER, WYOMING — HOLE NO. AM-450

LOCATION ANDERSON

COUNTY Yavapai STATE Ariz.

GP. 1202,198.5 N – 640,200.7 E ELEV. 1888

SEC. ____ TWP. ____ RGE. ____

| | |
|---|---|
| DATE | 2/22/77 |
| DEPTH DRILLED | 640' |
| DEPTH LOGGED | 640' |
| FOOTAGE LOGGED | 640' |
| HOLE DIAMETER | 5⅝" To 640' |
| WATER FACTOR | |
| RESISTIVITY | 150 OHMS/BARN 100 ohm meters |
| SELF POTENTIAL | 50 M.V./BR. |

| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
|---|---|---|---|
| BOTTOM | | | |
| TOP | | | |
| TOTAL FEET | | | |
| SCALE RUN | | | |

| | |
|---|---|
| GAMMA SCALE | 500-50 CPS/IN. |
| PROBE TYPE | Scint |
| K-FACTOR | $5.7^{10^{-5}}$ |
| DEAD TIME | 7.14 μ secs |
| TIME CONSTANT | 1 |
| PROBE DIA. | 1⅝" |
| CALIPER | |
| DIRECTIONAL SURVEY | |
| TEMPERATURE | |
| OPERATOR | Hudson |
| DRILLER | Jim |
| CONTRACTOR | Roberts |
| LAST A.E.C. PIT RUN | |
| FLUID LEVEL | |
| REMARKS: | |