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

# MINERALS EXPLORATION CO.

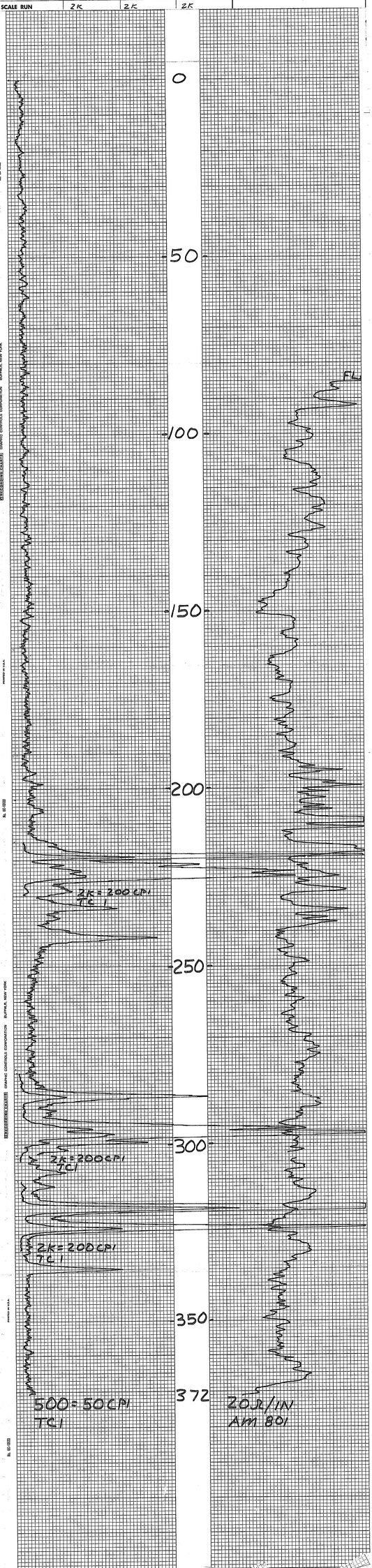
CASPER, WYOMING

HOLE NO. AM 801

| | | | |
|---|---|---|---|
| LOCATION | ANDERSON MINE | | |
| COUNTY | YAVAPAI | STATE AZ | |
| GP. | | ELEV. | |
| SEC. | TWP. | RGE. | |
| DATE | 3-7-78 | | |
| DEPTH DRILLED | 380 | | |
| DEPTH LOGGED | 372 | | |
| FOOTAGE LOGGED | | | |
| HOLE DIAMETER | 5/8 | | |
| WATER FACTOR | 1.2 | | |
| RESISTIVITY | 20 | OHMS/INCH | |
| SELF POTENTIAL | — | M.V./IN. | |

| RERUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
|---|---|---|---|
| BOTTOM | 330 | 305 | 230 |
| TOP | 310 | 280 | 215 |
| TOTAL FEET | 20 | 25 | 15 |
| SCALE RUN | 2K | 2K | 2K |

| | |
|---|---|
| GAMMA SCALE | 500=50CPI |
| PROBE TYPE | SCINT |
| K-FACTOR | 6.00 E-5 |
| DEAD TIME | 9.2 μs |
| TIME CONSTANT | 1 |
| PROBE DIA. | 1 5/8 |
| CALIPER | — |
| DIRECTIONAL SURVEY | — |
| TEMPERATURE | — |
| OPERATOR | ERICKSON |
| DRILLER | JIM |
| CONTRACTOR | HARRIS |
| LAST A.E.C. PIT RUN | 2-24-78 |
| FLUID LEVEL | 85 |
| REMARKS: | |



**Century Geophysical Corporation**
Denver, Colo.

C-366-E SP 117488

DATE: 4-3-78
COMPANY: MINERALS EXPLORATION
BORE HOLE: AM 803
AREA: ANDERSON MINE
COUNTY: YAVAPAI
STATE: ARIZONA
SECTION:
TOWNSHIP:
RANGE:
LOG MEASURED FROM: GROUND LEVEL

HOLE NO.: AM 803
SEC.:
TWP.:
RANGE:
AREA: ANDERSON MINE
COUNTY: YAVAPAI
STATE: ARIZONA
COMPANY: MINERALS EXPLOR
DATE: 4-3-78
TOTAL FOOTAGE LOGGED: 339'

T.D. DRILLED: 340' Ft.
BIT SIZE: 5.1 In.
CASING: —
BORE HOLE FLUID: H₂O + MUD
DENSITY:
VISCOSITY:
RESISTIVITY:
OPERATOR: M. DODGE
UNIT NO.: 7750
LOCATION: WICKENBERG, AZ
DRIVE: 0.25 Hrs.
TIME IN: 1500
STAND BY: 2.25 Hrs.
TIME OUT: 1545
LOGGING: 0.75 Hrs.
TOTAL: 3.25 Hrs.
ROUNDTRIP MILEAGE: Miles
CHARGEABLE STANDBY: Hrs.

INITIAL RUN
T.D. LOGGED: 339
GAMMA SCALE: = 500 Cps. Per In.
TIME CONSTANT:
LOGGING SPEED: 60 Ft./Min.
CALIBRATION & PROBE DATA:
SOURCE NO.:
SOURCE VALUE:
PROBE NO.: 9055-23
PROBE SIZE: 1⅞ In.
DETECTOR: NaI SCINT. XTAL
TYPE & SIZE: ⅞" × 4"
DEAD TIME: 1.075 μSEC.
K FACTOR: 5.58 × 10⁻⁶
WATER FACTOR: 1.135
AIR FACTOR: 1.00
RES. SCALE: 10 ohms per 1 inches
S.P.: 10 Mv/In.

GAMMA RERUNS (Initial run offscale)

| SCALE | SCALE | SCALE |
|---|---|---|
| = Cps. Per In | = Cps. Per In. | = Cps. Per In. |
| T.C. Sec. LOGGING SPEED Ft./Min. | T.C. Sec. LOGGING SPEED Ft./Min. | T.C. Sec. LOGGING SPEED Ft./Min. |
| FROM Ft. | FROM Ft. | FROM Ft. |
| TO Ft. | TO Ft. | TO Ft. |
| TOTAL | TOTAL | TOTAL |

TRACK USED: #3
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695 × 10⁻⁶
RIG: HARRIS (VERN)

SELF POTENTIAL
− MV +
NATURAL GAMMA RAY COUNTS PER SECOND

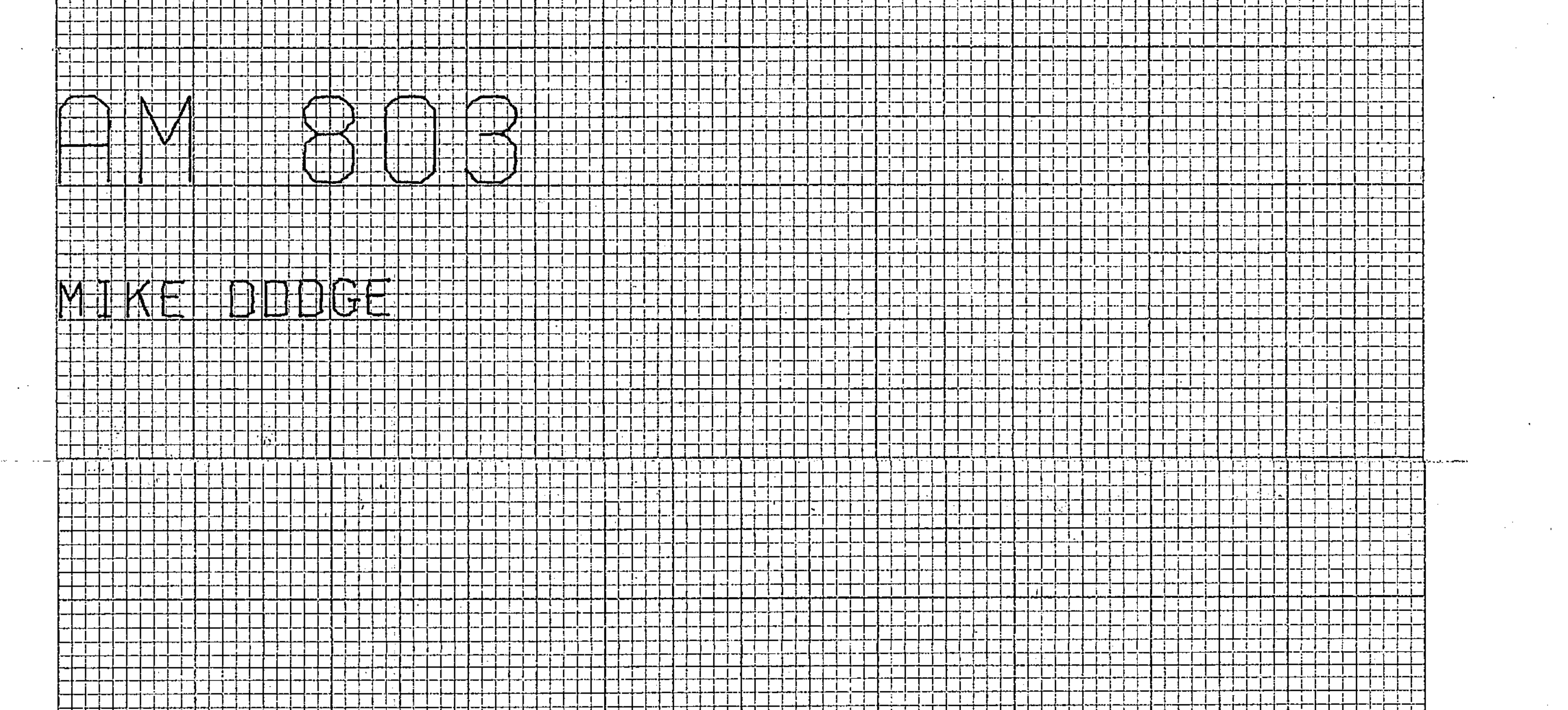
DENSITY
RESISTANCE
OHMS

AM 803

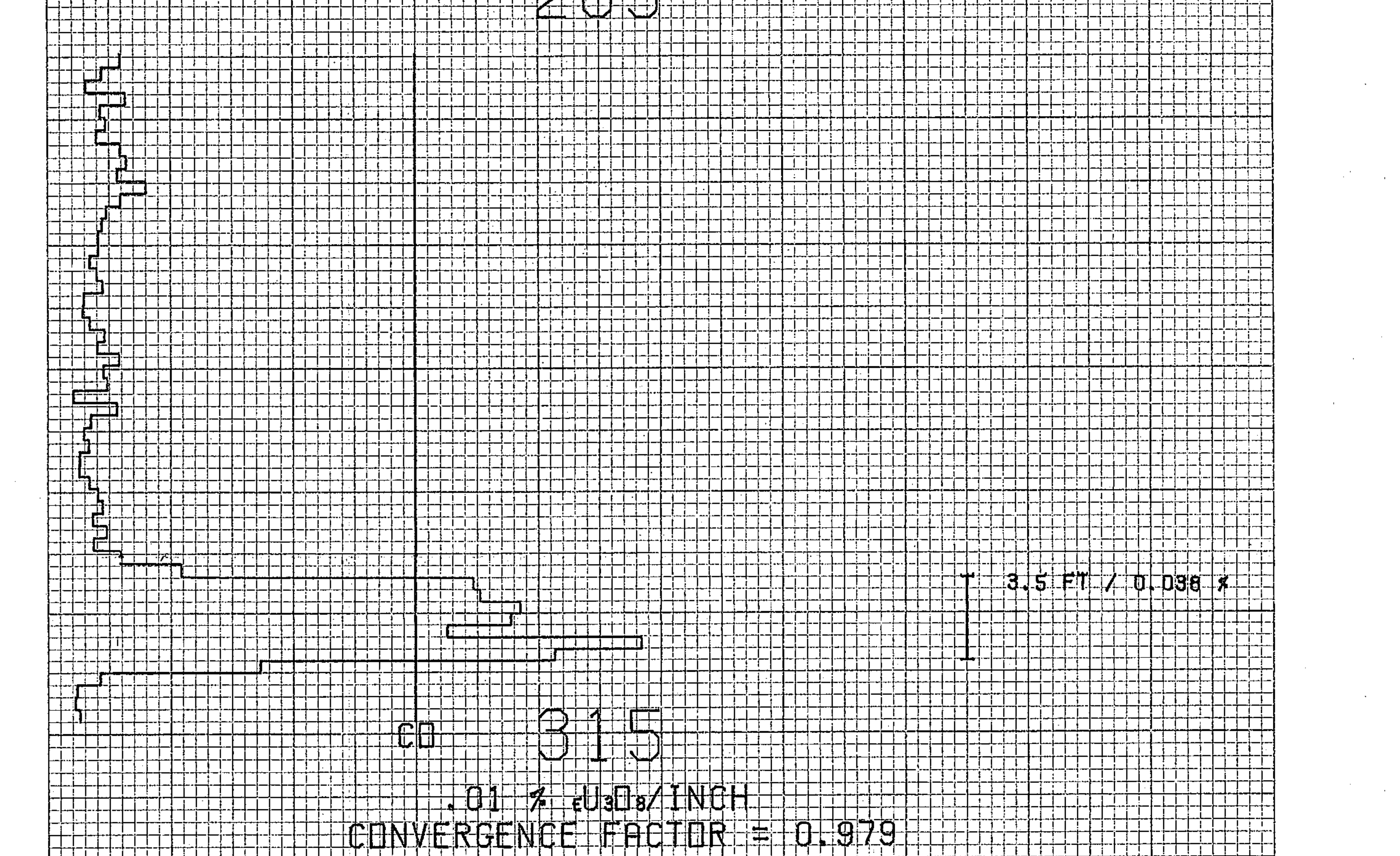
MIKE DODGE

## ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH



.01 % eU₃O₈/INCH
CONVERGENCE FACTOR = 0.979



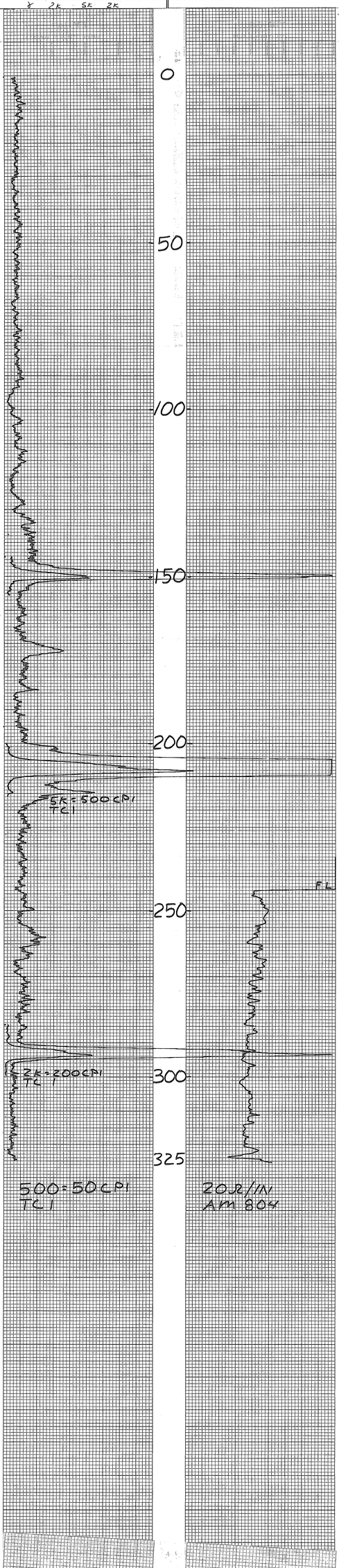
.01 % eU₃O₈/INCH
CONVERGENCE FACTOR = 0.978

# MINERALS EXPLORATION CO.

CASPER, WYOMIN

| | | | |
|---|---|---|---|
| AREA ANDERSON MINE | | | HOLE NO. Am 804 |
| GRID POINT | ELEVATION | | GAMMA-GAMMA DENSITY |
| COUNTY YAVAPAI | STATE AZ | | |
| SEC. | TWP. | RGE. | |

| BOREHOLE DATA | | LOG DATA | | |
|---|---|---|---|---|
| DATE | 3-22-78 | TOTAL DEPTH LOGGED | 325 FT. | |
| DRILLER | ED/VENTURE | TOTAL FOOTAGE LOGGED | 365 FT. | |
| DRILLER DEPTH | 325 FT. | LOG SPEED | 15 FT./MIN. | |
| BIT SIZE | 6 IN. | LOG SCALE | 500 : 50 CPS/IN. | T.C. 1 |
| FLUID LEVEL | 245 FT. | DETECTOR TYPE | SCINT | DETECTOR SIZE |
| CSG. | K: 6.00 E-5, 9.2 μs | DECENTRALIZED | | CENTRALIZED |
| | RERUN | SOURCE TYPE | | SOURCE SIZE |
| REMARKS | BOT 300 215 155 | TRK. NO. | 61 | |
| | TOP 285 200 145 | OPERATOR | ERICKSON | |
| | TOT 15 18 10 | | | |
| | 8 2K 5K 2K | | | |



Century Geophysical Corporation
Denver, Colo.

| | |
|---|---|
| COMPANY | MINERALS EXPLORATION |
| WELL TITLE | AM 805 |
| AREA | ANDERSON MINE |
| COUNTY | YAVAPAI |
| STATE | ARIZONA |
| DATE | 4-11-78 |
| DRILLER | GROUND LEVEL |
| HOLE NO. | AM 805 |
| DEPTH | 270 |
| DATE | 4-11-78 |
| CASING DEPTH | 270 |
| MAGNETIC DECLINATION | 0° |
| LOGGED INTERVAL | 270 |
| TYPE FLUID IN HOLE | AIR FOAM |
| SPIRAL | — |
| RECORDED BY | M. DODGE |
| WITNESSED BY | — |
| BIT SIZE | 7 7/8 |
| TYPE | WIC CENTER AL |
| FROM | 0.5 |
| TO | 270 |
| FROM | 0930 |
| TO | 1015 |
| FROM | 0.75 |
| TO | 1.0 |
| FROM | 0.25 |
| TO | 0.5 |
| REMARKS | |
| TRANSMITTED TO DENVER | |

| | |
|---|---|
| TR. LOCATED | 270 |
| GAMMA SCALE | 500 Cps Fs. |
| NAT. CONTRAST | 60 % Min. |
| CALIBRATION & PROBE DATA | |
| DEPTH NO. | DEPTH VALUE |
| PROBE NO. | PROBE SIZE |
| 9055-23 | 7/8 |
| NAT. SCINT. NORM. | 7.4 |
| NAT. SCINT. | 55×10⁻⁶ |
| RESISTIVITY | 1.52 |
| RESISTIVITY | 1.00 |
| 1.135 | |
| REL. SCALE | |
| 10 | 1 |
| LT | |
| 20 | |

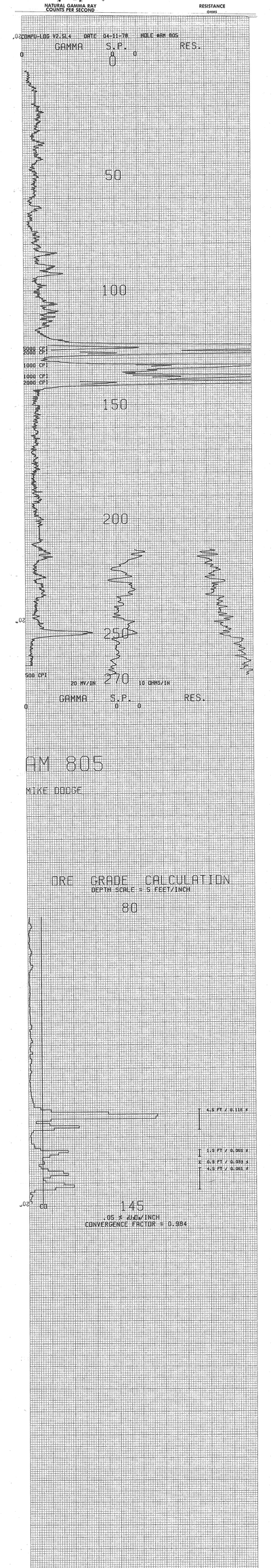
TRACK USED: #4
PROBE K-FACTOR FROM E.R.D.A. DTS 3-10-78: $5.485 \times 10^{-6}$
RIG: HARRIS (GEMCO)

SELF POTENTIAL

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS



Century Geophysical Corporation
Denver, Colo.

| | | | |
|---|---|---|---|
| CLIENT | | HOLE NO. | AM 806 |
| CONTRACT | | DATE | 3-29-78 |
| WELL NAME | MINERALS EXPLORATION AM 806 | FIELD | ANDERSON MINE |
| AREA | ANDERSON MINE | COUNTY | YAVAPAI |
| COUNTY | YAVAPAI | STATE | ARIZONA |
| STATE | ARIZONA | DATE | 3-29-78 |
| ELEVATION | GROUND LEVEL | | 244' |

| | | | |
|---|---|---|---|
| LOGGER | 205 | | |
| TYPE FLUID IN HOLE | H2O FOAM | | |
| MAX. REC. TEMP. | 57° F | | |
| RECORDED BY | M DODGE | | |
| WITNESSED BY | TJSO WILLENBERG | | |
| RM @ MEAS. TEMP. | 0.25 @ 1230 | | |
| RMF @ MEAS. TEMP. | 0.25 @ 1315 | | |
| RMC @ MEAS. TEMP. | 0.75 @ | | |
| RM @ BHT | 1.25 @ | | |
| TIME SINCE CIRCULATION | | | |
| TIME SINCE PUMPING | | | |
| TIME SINCE BIT ON BOTTOM | | | |

| | | | |
|---|---|---|---|
| I.D. CASING | 244' | BIT | |
| CASING SIZE | 300 | | |
| TIME CONDITION | 60 | | |
| CALIBRATION & PROBE DATA | | | |
| SOURCE NO. | SOURCE VALUE | | |

| | | | |
|---|---|---|---|
| PROBE NO. | 9055-23 | PROBE TYPE | 1½ |
| NM2 SCINTL. RANGE | 7-14 | | |
| 1ST CHG. | 6.5E-10⁻⁴ | | |
| REC. TICKS | 1.35 | 1.00 | |
| REL. TICKS | 10 | | |
| LV | 10 | | |

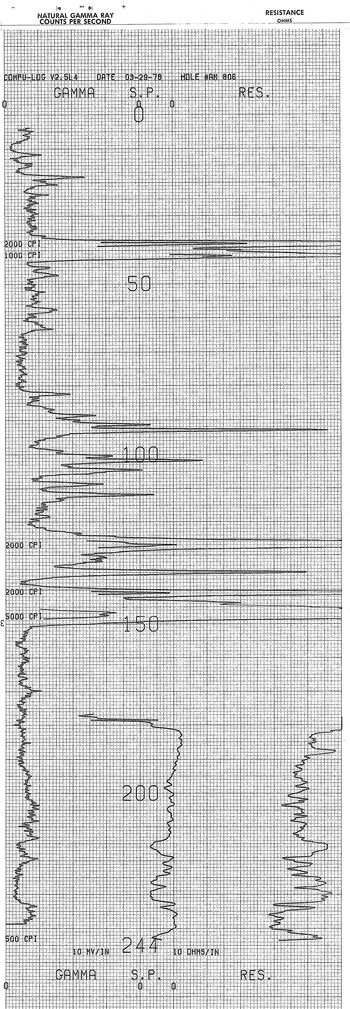
TRACE USED: 4
PROBE X-FACTOR FROM E.R.D.A. P.73 3-10-78: 5.65x10⁻⁴
RIG: HARRIS (CLOSE)

SELF POTENTIAL

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

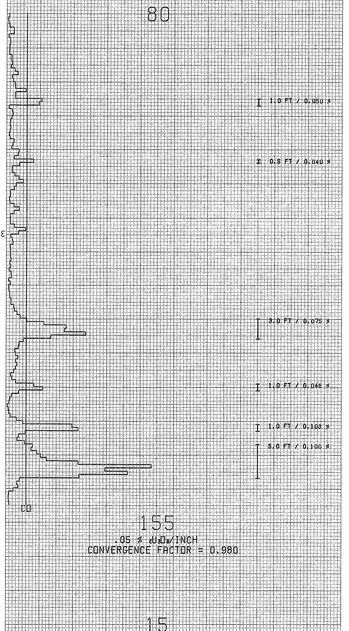
RESISTANCE

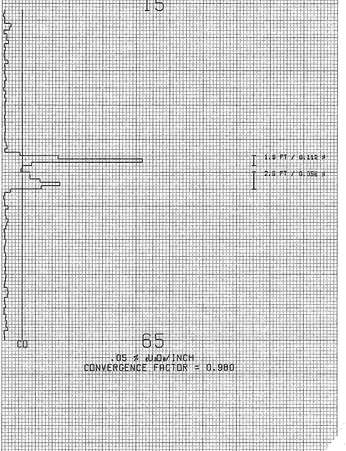



AM 806

MIKE DODGE

ORE GRADE CALCULATION
DEPTH SCALE = 5 FEET/INCH



Denver, Colo.

| | | | |
|---|---|---|---|
| COMPANY: Minerals Exploration | DATE: 3-29-78 | NO.: AM 807 | NAME: |
| BORE HOLE: AM 807 | | FIELD: Yavapai | STATE: Arizona |
| AREA: Anderson Mine | | COUNTY: Yavapai | STATE: Arizona |
| DRILLER: | DATE: 3-29-78 | DATE: 3-29-78 | |
| DIRECTION: | DIP: | BARRE: | GROUND LEVEL 2.19' |
| TOTAL RUN: 2.19' | SCALE: | SCALE: | SCALE: |
| BARREL SCALE: 500 | T.C. / CHECKING SPEED: | T.C. / CHECKING SPEED: | T.C. / CHECKING SPEED: |
| ZERO CORRECTION: 60 | FROM: | FROM: | FROM: |
| CALIBRATION & FIELD DATA: | TO: | TO: | TO: |
| DEVICE NO.: | DEVICE VALUE: | TOTAL: | TOTAL: |

| | | | |
|---|---|---|---|
| DIP: 225' | DIP: 45° | LOCATION: 5/8 - | DATE: — |
| DIP: 45° | LOCATION: 4.0 mud | | |
| DIRECTION: M. Dodge | | | |
| ELEVATION: 7750 | | | |
| LOCATION: Wickenburg, Az. | | | |
| DATE: 9-5-78 | | | |
| 9-5 - 0.900 | | | |
| 9-5 - 0.945 | | | |
| 9-7-78 | | | |
| 9-7 - 1.75 | | | |
| DRILLED BY: | | | |
| TRANSFERRED FOR: | | | |

9055-23 | 1/8
NAT SCINT RDG 1/4
1.025 μR/HR 5.55×10⁻⁴
1.135 1.00
10 1
20

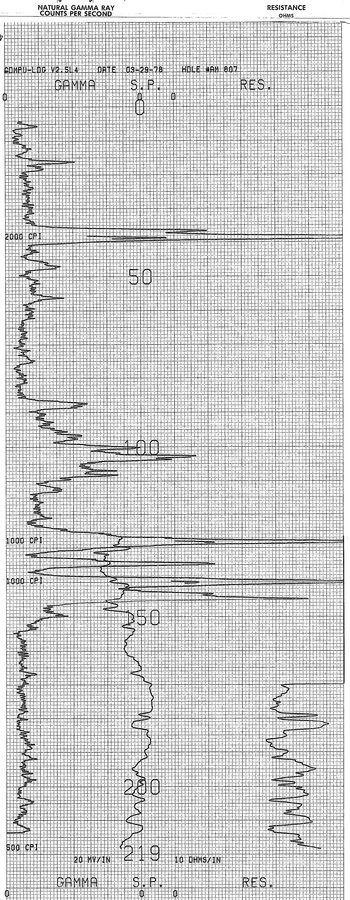
TRACK WSD: #1
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695×10⁻⁶
RIG: HARRIS (CLYDE)

SELF POTENTIAL — 10 — 0 — 10 +

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS

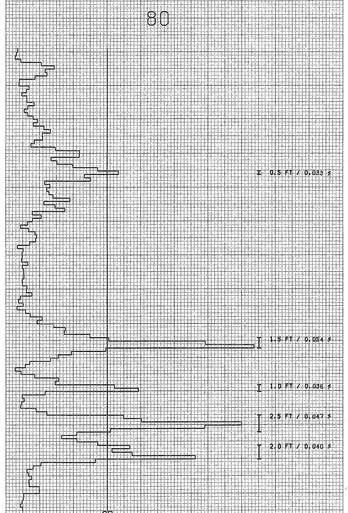


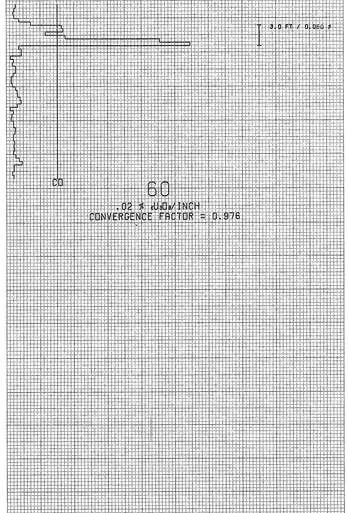

AM 807

MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH



Canoby Geophysical Corporation
Denver, Colo.

C.O.G.S. LF 127468

| | | | |
|---|---|---|---|
| COMPANY: MINERALS EXPLORATION | DATE: 3-19-78 | SRC: AM 808 | SET TO: 190 |
| | | SUR: | RANGE: |
| | | | CALIBRATED: 6.5 |
| BORE HOLE: AM 808 | | COUN: ANDERSON MINE | DIAMETER: 4.0 |
| AREA: ANDERSON MINE | | COUN: YAVAPAI | DIAMETER: |
| COUNTY: YAVAPAI | STATE: ARIZONA | STATE: ARIZONA | RESISTIVITY: |
| | | COMPANY: MINERALS EXPLOR | VISCOSITY: |
| SECTION: | TOWNSHIP: | DATE: 3-9-78 | DRILL NO.: 77250 |
| | RANGE: | TOTAL HOLE DEPTH: 40' | LOCATION: WICKENBURG, AZ. |
| | ELEVATION FROM: GROUND LEVEL | | |

| | | | | | |
|---|---|---|---|---|---|
| INITIAL RUN | | SCALE | SCALE | SCALE | |
| T.D. LOGGED: 190 | | T.C. | Cps. Per In. / LOGGING SPEED | T.C. | Cps. Per In. / LOGGING SPEED |
| GAMMA SCALE: 50 Cps. Per In. | | Sec. | Ft./Min. | Sec. | Ft./Min. |
| TUBE CONSTANT: 60 Ft./Min. | LOGGING SPEED | FROM: Ft. | FROM: Ft. | FROM: Ft. | LOGGING SPEED: 0.5 Min. |
| CALIBRATION & PROBE DATA | | TO: Ft. | TO: Ft. | TO: Ft. | TIME: 1.0 Min. |
| SOURCE NO.: | SOURCE KAUST | TOTAL: | TOTAL: | TOTAL: | ACCUMULATOR MULTIPLIER: MRhr |
| | | | | | CHARGEABLE STANDBY: Min. |

ARIZONA DIGGERS
(initial run affected)

| | | | |
|---|---|---|---|
| PROBE NO.: 9055-23 | PROBE TYPE: 1 1/8 In. | TRACK USED: # | |
| SCINTILLATOR: NAI | TYPE & SIZE: SCINT. XTAL 7/8" x 4" | PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: $5.695 \times 10^{-6}$ | |
| DEAD TIME: 1.075 μ SEC. | SCALER: $5.38 \times 10^{-6}$ | RIG: VENTURE (ED) | |
| MASTER FACTOR: 1.145 | AIR FACTOR: 1.00 | | |
| RES. SCALE: 10 Ohm-In. | 1 Mhos. | | |
| S.P.: 10 Mv/In. | | | |

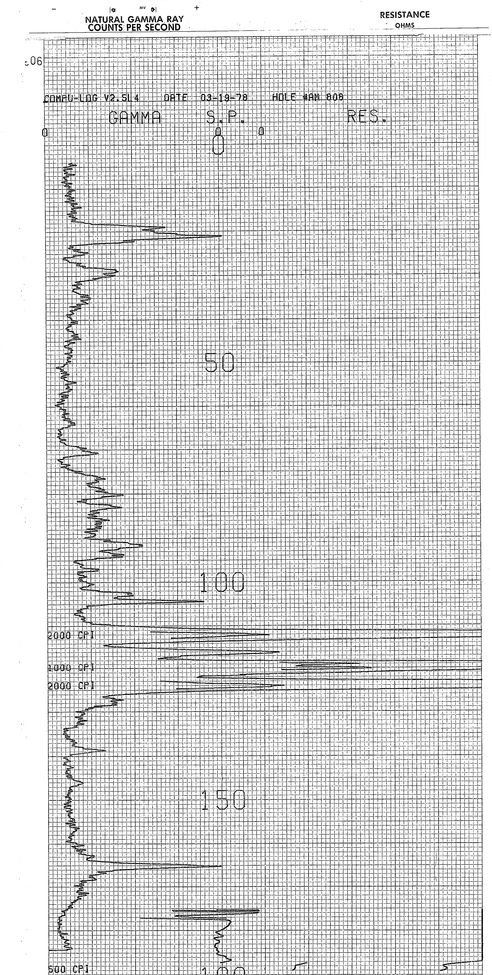
SELF POTENTIAL

− 0 MV 0 +

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS

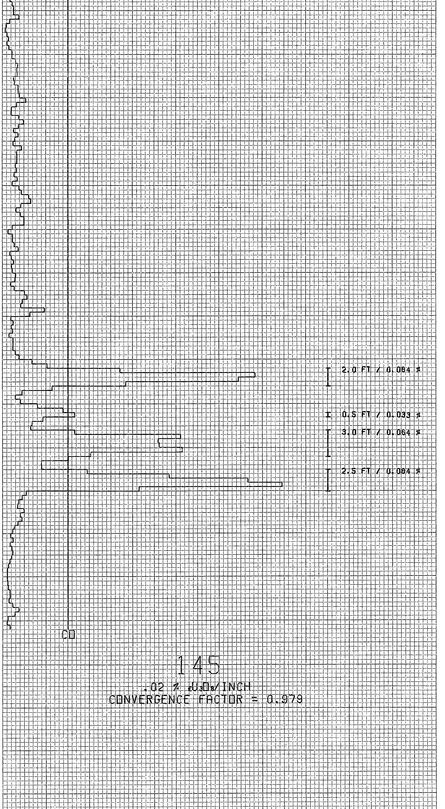



AM 808

.06 MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH



Century Geophysical Corporation
Denver, Colo.

C-366-E SP 11748B

| | |
|---|---|
| DATE | 4-2-78 |
| COMPANY | MINERALS EXPLORATION |
| BORE HOLE | AM 809 |
| AREA | ANDERSON MINE |
| COUNTY | YAVAPAI |
| STATE | ARIZONA |
| SECTION / TOWNSHIP / RANGE | |
| LOG MEASURED FROM | GROUND LEVEL |
| HOLE NO. | AM809 |
| SEC. / TWP. / RANGE | |
| AREA | ANDERSON MINE |
| COUNTY | YAVAPAI |
| STATE | ARIZONA |
| COMPANY | MINERALS EXPLOR. |
| DATE | 4-2-78 |
| TOTAL FOOTAGE LOGGED | 144' |
| T.D. DRILLED | 145' Ft. |
| BIT SIZE | 6.5 In. |
| CASING | — |
| BORE HOLE FLUID | DRY |
| DENSITY | |
| VISCOSITY | |
| RESISTIVITY | |
| OPERATOR | M. DODGE |
| UNIT NO. | 7750 |
| LOCATION | WICKENBERG, AZ. |
| DRIVE | 8.5 Hrs. |
| TIME IN | 0900 |
| STAND BY | 0.5 Hrs. |
| TIME OUT | 0930 |
| LOGGING | 0.5 Hrs. |
| TOTAL | 1.5 Hrs. |
| ROUNDTRIP MILEAGE | Miles |
| CHARGEABLE STANDBY | Hrs. |

| INITIAL RUN | | GAMMA RERUNS (Initial run affixed) | | |
|---|---|---|---|---|
| T.D. LOGGED | 144' | SCALE = Cps. Per In. | SCALE = Cps. Per In. | SCALE = Cps. Per In. |
| GAMMA SCALE | 500 Cps. Per In. | T.C. Sec. / LOGGING SPEED Ft./Min. | T.C. Sec. / LOGGING SPEED Ft./Min. | T.C. Sec. / LOGGING SPEED Ft./Min. |
| TIME CONSTANT | 60 | FROM Ft. | FROM Ft. | FROM Ft. |
| LOGGING SPEED | Ft./Min. | TO Ft. | TO Ft. | TO Ft. |
| CALIBRATION & PROBE DATA | | TOTAL | TOTAL | TOTAL |
| SOURCE NO. / SOURCE VALUE | | | | |

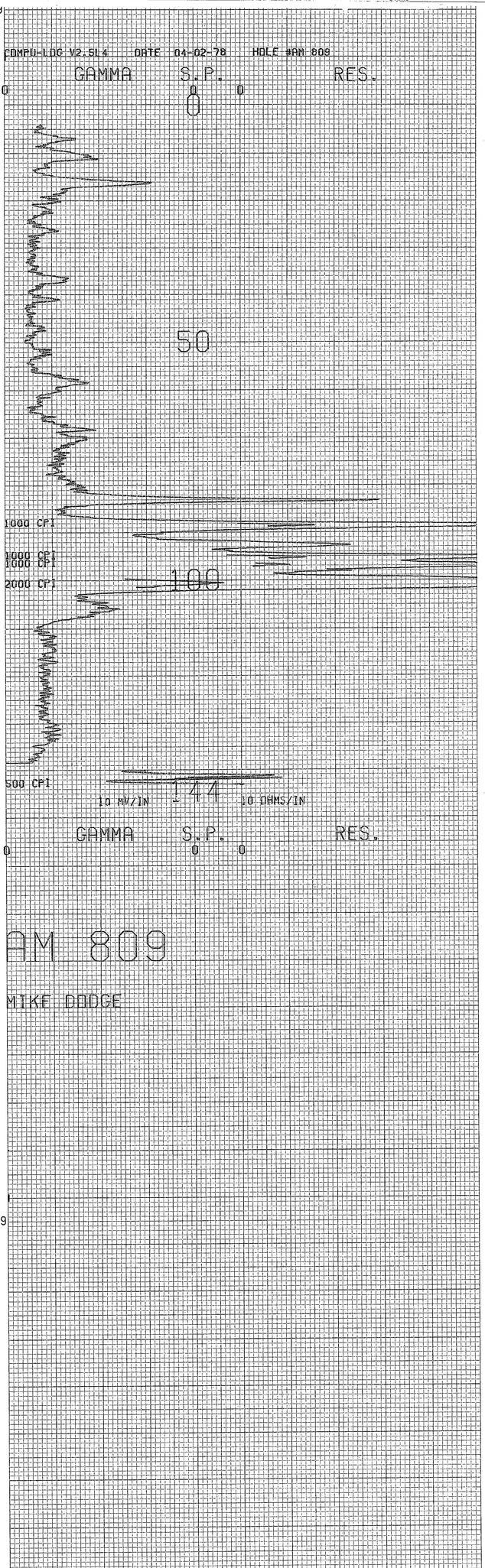
| | |
|---|---|
| PROBE NO. | 9055-23 |
| PROBE SIZE | 1 7/8 In. |
| DETECTOR | NAI SCINT. XTAL |
| TYPE & SIZE | 7/8" x 4" |
| DEAD TIME | 1.0 μ SEC. |
| K FACTOR | 5.695 x 10^-6 |
| WATER FACTOR | — |
| AIR FACTOR | 1.00 |
| RES. SCALE | — ohms per — inches |
| S.P. | — Mv/In. |

TRACK USED: #1
PROBE K-FACTOR FROM E.R.O.A. PITS 3-10-78: 5.695 x 10^-6
RIG: VENTURE (80)

SELF POTENTIAL
− |◀ MV ▶| +
NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

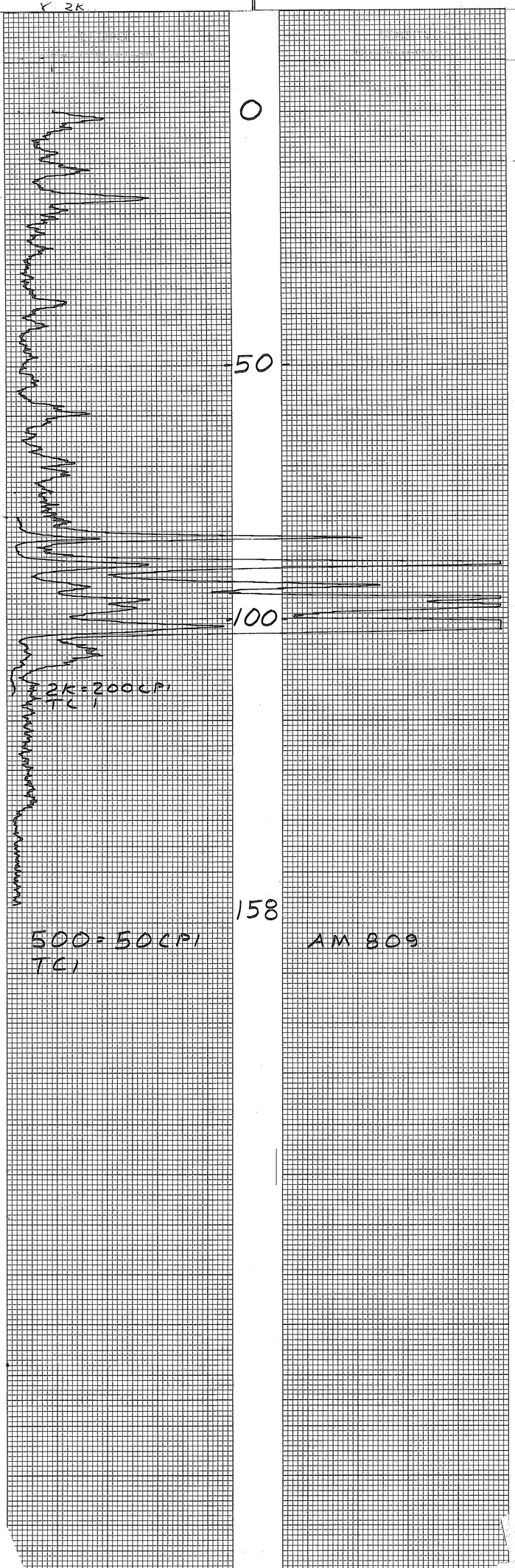
RESISTANCE OHMS



# MINERALS EXPLORATION CO. CASPER, WYOMIN

| | | |
|---|---|---|
| AREA ANDERSON MINE | | HOLE NO. AM 809 |
| GRID POINT | ELEVATION | ~~GAMMA GAMMA DENSITY~~ |
| COUNTY YAVAPAI | STATE AZ | |
| SEC. | TWP. | RGE. |

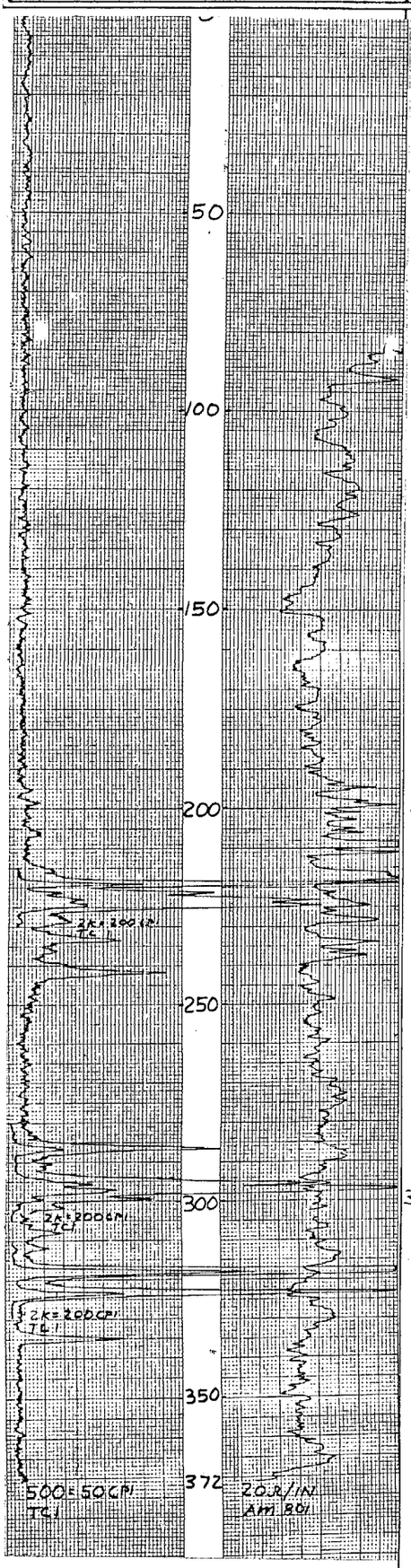
| BOREHOLE DATA | | LOG DATA | | |
|---|---|---|---|---|
| DATE | 3-18-78 | TOTAL DEPTH LOGGED | 158 | FT. |
| DRILLER | ED VENTURE | TOTAL FOOTAGE LOGGED | 163 | FT. |
| DRILLER DEPTH | 165 FT. | LOG SPEED | 15 | FT./MIN. |
| BIT SIZE | 6 IN. | LOG SCALE | 500 = 50 CPS/IN. | T.C. 1 |
| FLUID LEVEL | FT. | DETECTOR TYPE | SCINT | DETECTOR SIZE |
| CSG. | | DECENTRALIZED | | CENTRALIZED |
| REMARKS | RERUN<br>BOT 105<br>TOP 80<br>TOT 25<br>X 2K | SOURCE TYPE | | SOURCE SIZE |
| | | TRK. NO. | 61 | |
| | | OPERATOR | ERICKSON | |



PROJECT ANDERSON MINE HOLE SIZE ____ ☐ AIR ☐ WATER HOLE NO. AM 801

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY K. TAYLOR DATE 3/7/78

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 365 P.D. ____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|
|  | 0–100 | | | | | red brown silty sand |
| | 100–372 | | | | | red brown sandy silt; olive green mudstn.; silicic zones, white calc silty mudst. (ls)? zones. |
| | 200–300 | | | | | interbedded white silty ls. |
| | 300–372 | | | | | lignite frags; carbonaceous zone, interbd. dk green, dk grey, blue grey mudstone; blue green mudstone; olive green mudstone; carbonaceous zone(?), blue grey, grey, grey green mudstone. |
| | 372–365 | | | | | interbd. blue grey, grey, green, red mudstone; red mudstone; abundant red andesite frags. |



MINERALS EXPLORATION CO.

CASPER, WYOMING

| | | | |
|---|---|---|---|
| LOCATION | ANDERSON MINE | | |
| COUNTY | YAVAPAI | STATE AZ | |
| TOWN. | | ELEV. | |
| RIG | TWP. | RGE. | |
| DATE | 3-7-78 | | |
| DEPTH DRILLED | 365 | | |
| DEPTH LOGGED | 372 | | |
| FOOTAGE LOGGED | | | |
| HOLE DIAMETER | 5½ | | |
| WATER FACTOR | 1.5 | | |
| RESISTIVITY | 20 | OHMS/INCH | |
| SELF POTENTIAL | — | M.V./IN. | |
| RUNS | 1ST. RUN | 2ND. RUN | 3RD. RUN |
| BOTTOM | 330 | 305 | 280 |
| TOP | 310 | 280 | 215 |
| TOTAL FEET | 20 | 25 | 65 |
| SCALE RUN | 2K | 2K | 2K |

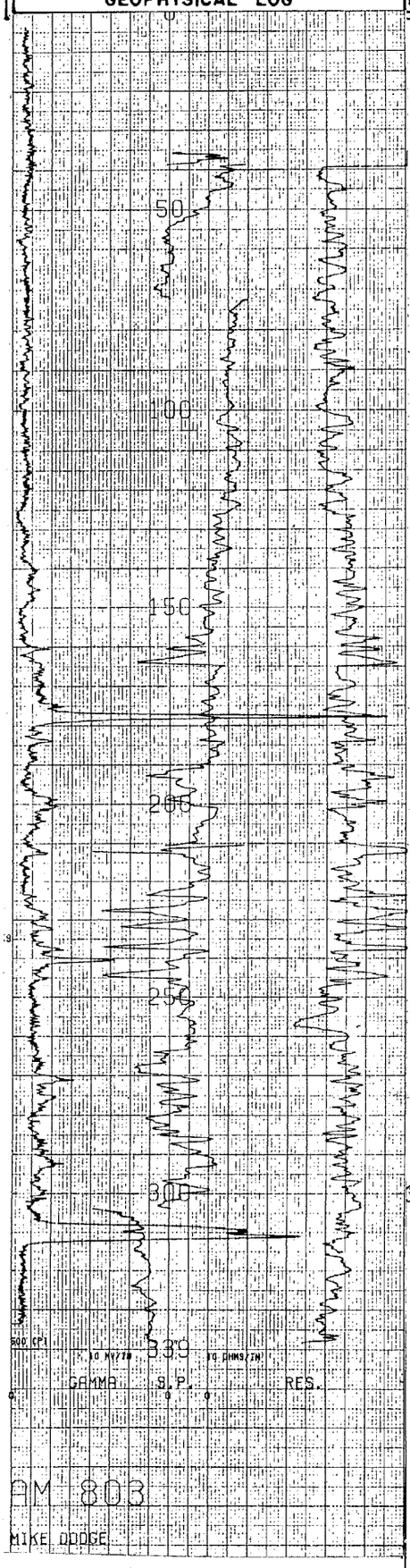
| | |
|---|---|
| HOLE NO. | AM 801 |
| GAMMA SCALE | 500-50CPI |
| PROBE TYPE | SCINT |
| K FACTOR | 6.00 E-5 |
| DEAD TIME | 5.2 μs |
| TIME CONSTANT | 1 |
| PROBE DIAL | 1½ |
| CALIPER | — |
| DIRECTIONAL SURVEY | — |
| TEMPERATURE | — |
| OPERATOR | ERICKSON |
| DRILLER | SIM |
| CONTRACTOR | HARRIS |
| LAST A.E.C. PT RUN | 2-24-78 |
| FLUID LEVEL | 85 |
| REMARKS | |

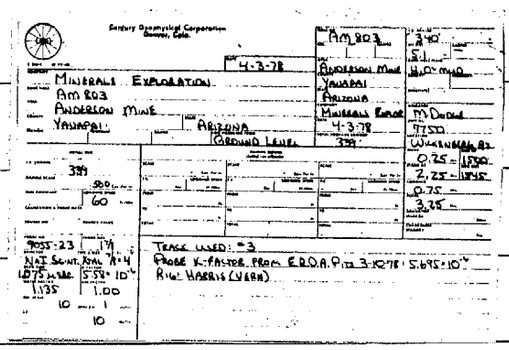
**PROJECT** ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM803

**ELEVATION** _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K. TAYLOR **DATE** 4/3/78

**SECTION** _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 340' **P.D.** _____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|
| | | | | | | brown silt, sand |
| | 20 | | | | | |
| | 40 | | | | | greenish brown mudstone |
| | 60 | | | | | brown silt, sand |
| | 80 | | | | | |
| | 100 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | green mudstone |
| | 60 | | | | | lt. brownish green to brownish green mudstn. |
| | 80 | | | | | green mudstone |
| | 200 | | | | | interbd lt. brownish green & green mudstn, hard |
| | 20 | | | | | |
| | 40 | | | | | green mudstn, moderately siliceous |
| | 60 | | | | | green mudstone |
| | 80 | | | | | brownish green mudstone |
| | 300 | | | | | interbd green & yellow green & yellow brown mudstn. |
| | 20 | | | | | interbd green & brownish red mudstn. |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |



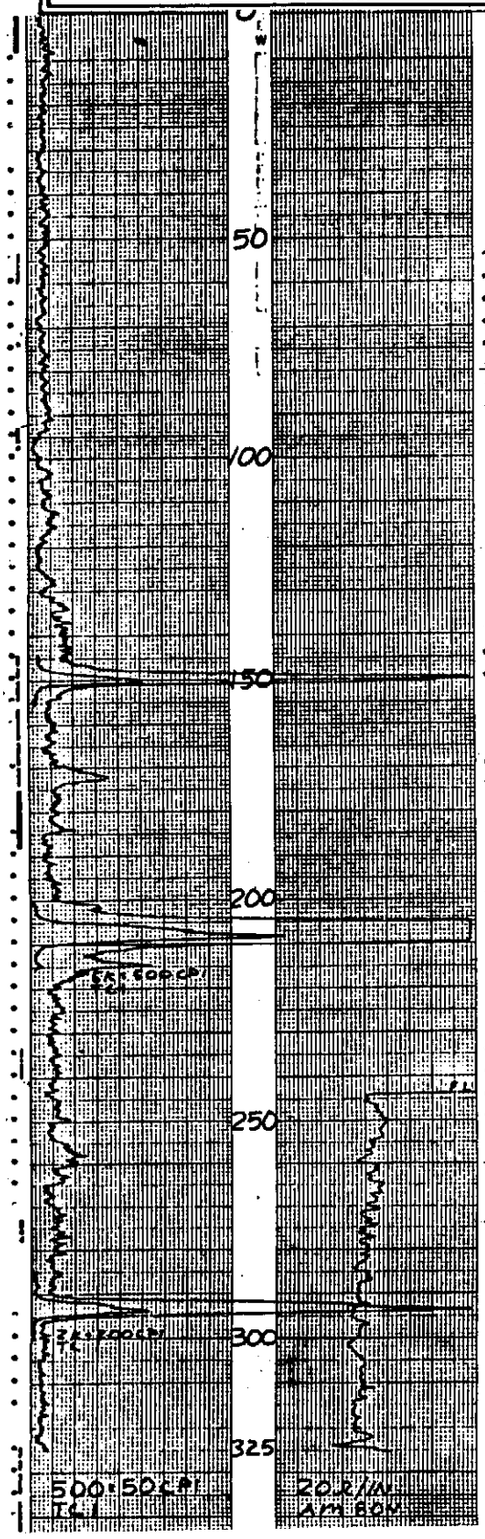



PROJECT ANDERSON MINE HOLE SIZE 6.5 ☑ AIR ☐ WATER HOLE NO. AM 804

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LOCHT DATE 22 MAR 78

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 325 P.D. _____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|
| | | | | | | 0-50 BROWN SILT |
| | 20 | | | | | 50-85 YELLOW BROWN SILT AND CLAY |
| | 40 | | | | | 85-100 OLIVE GREEN SILT |
| | 60 | | | | | 100-175 HARD WHITE SILT |
| | 80 | | | | | 175-185 OLIVE GREEN SILT |
| | 100 | | | | | 185-200 DK GRAY LIGNITIC SHALE |
| | 20 | | | | | 200-215 BLACK LIGNITE |
| | | | | | | 215-225 LT TAN SHALE |
| | 40 | | | | | 225-240 OLIVE GREEN SILT |
| | 60 | | | | | 240-290 YELLOW BROWN SILT |
| | 80 | | | | | 290-295 LIGNITIC SHALE |
| | 200 | | | | | 295-325 RED ANDESITIC AGGLOMERATE |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 300 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |




MINERALS EXPLORATION CO. CASPER, WYOMING

AREA ANDERSON MINE
DRILL POINT
ELEVATION
HOLE NO. AM 804
COUNTY YAVAPAI
STATE AZ
GAMMA · GAMMA DENSITY
SEC. TWP. RGE.

BOREHOLE DATA

LOG DATA

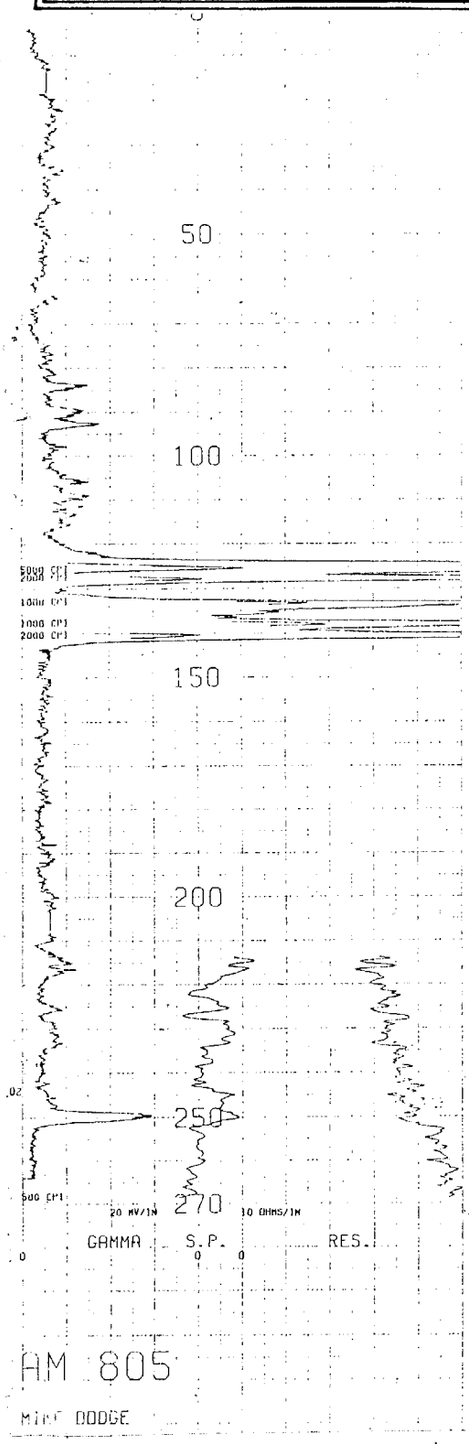
PROJECT _____ HOLE SIZE 5 ☑ AIR ☑ WATER HOLE NO. AM 805

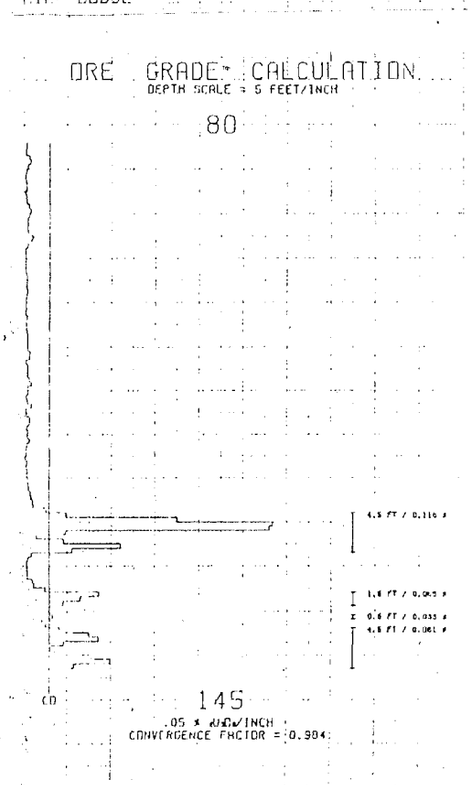
ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 10 ~~MAR~~ APR. 78

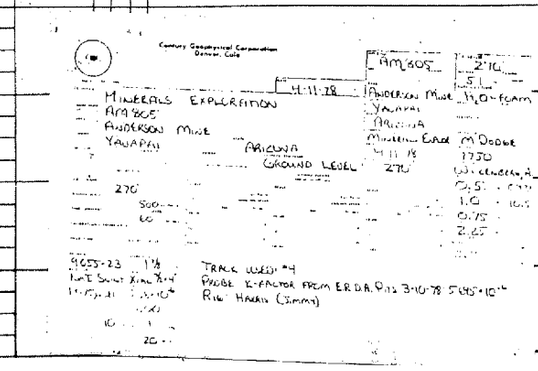
SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 275 P.D. _____

MARRIS - CENTURY

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|
| | | | | | | 0 - 20 BLUE GRAY SILACEOUS SILT |
| | 20 | | | | | 20 - 40 OLIVE GREEN SILT |
| | | | | | | 40 - 50 WHITE SILT |
| | 40 | | | | | 50 - 60 OLIVE BROWN V.F SANDY SILT |
| | 60 | | | | | 60 - 100 BLUE GRAY SILACEOUS SILT |
| | 80 | | | | | 100 - 115 RED CHERT |
| | 00 | | | | | 115 - 120 OLIVE GREEN CLAY |
| | | | | | | 120 - 140 BLACK LIGNITE |
| | 20 | | | | | 140 - 160 DK GRAY CLAY |
| | | | | | | 160 - 175 BROWN CLAY |
| | 40 | | | | | 175 - 200 GRAYISH BROWN CLAY |
| | 60 | | | | | 200 - 220 BROWN SILT |
| | 80 | | | | | 220 - 245 REDDISH BROWN SILTY CLAY |
| | 00 | | | | | 245 - 260 GRAY SILT |
| | | | | | | 260 - 275 RED ANDESITE |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |



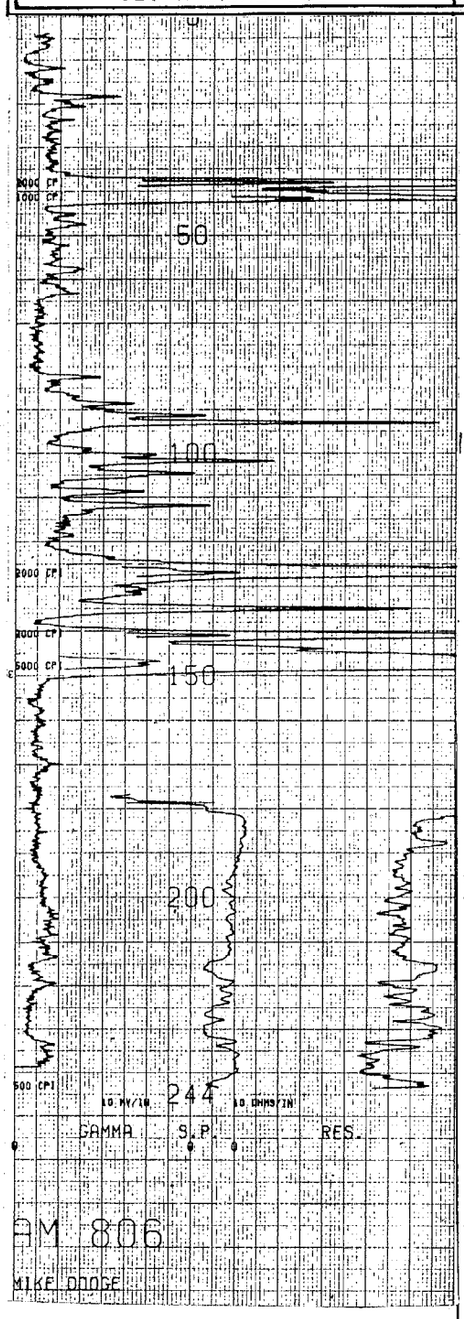



**PROJECT** Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 806

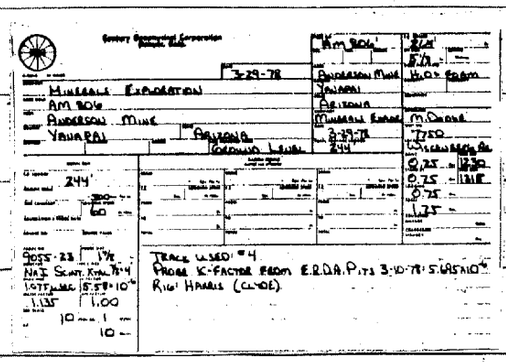
**ELEVATION** _____ **NORTH** _____ **EAST** _____ **LOGGED BY** CZH **DATE** 3-29-78

**SECTION** _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 265 **P.D.** _____

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



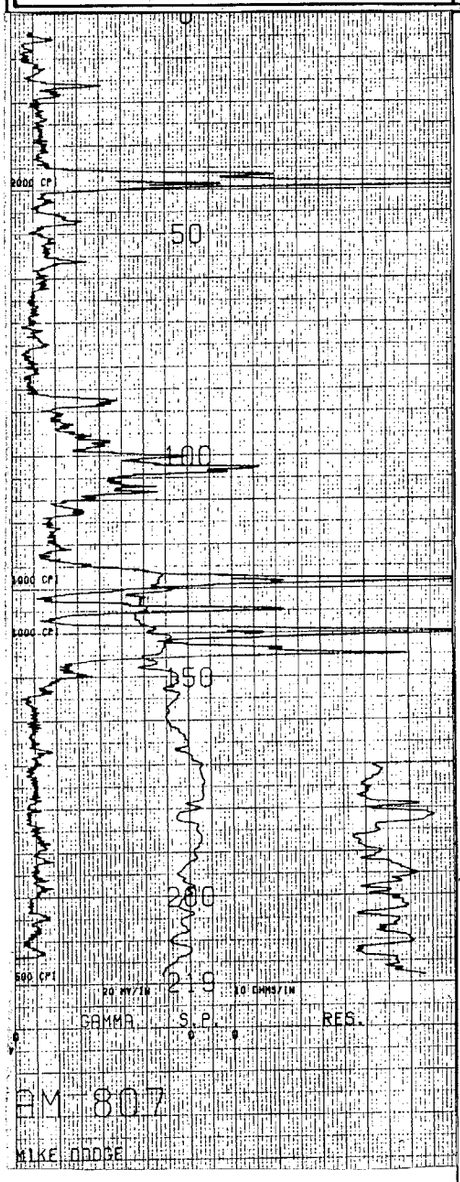
Siltst, Lt Gry, silicified
wht Calc Tuff Brn + Purple Brn Chert
siltst Grn
siltst, Gry, silicified, Gry Blk Chert Carb?
silicified siltst, Grn
siltst, Grn, Andesitic
wht Calc Tuff, Brn chert
Intbd Gry silicified siltst + wht Calc Tuff Purple Brn Chert
silicified siltst, Grn, Yel Brn Chert
Intbd Brn Ls or Calc Tuff
Carbonaceous siltst + Lignite, DK Gry to Blk
siltst, Gry Grn w/ Intbd Thin Lignite
Siltst, Grn to Yel Grn
— Trace Carb?
siltst, Yel Tan
Trace Carb?
Sndy
Andesitic Volcanic Frags Red Brn



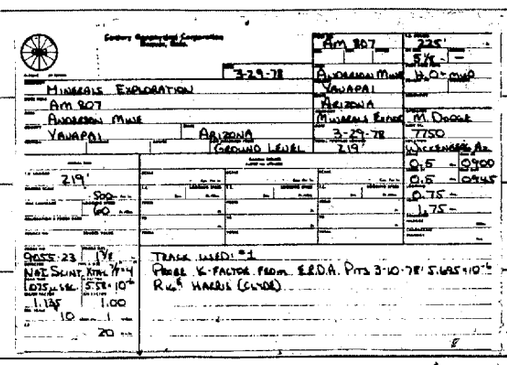
**PROJECT** Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 807

**ELEVATION** _____ **NORTH** _____ **EAST** _____ **LOGGED BY** CJH **DATE** 3-29-78

**SECTION** _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 220 **P.D.** _____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|
|  | | | | | | Siltst, Gry, Trace Silicification |
| | | | | | | wht Calc Tuff, Purple Brn + Brn Chert |
| | 20 | | | | | |
| | | | | | | Siltst, Grn |
| | 40 | | | | | |
| | | | | | | Silicified siltst, Tan + Brn Chert |
| | 60 | | | | | |
| | | | | | | wht Calc Tuff + Silicified siltst |
| | | | | | | siltst Grn Gry w/ wht Calc Tuff |
| | 80 | | | | | |
| | | | | | | wht Calc Tuff, Brn + Red Brn Chert |
| | 100 | | | | | |
| | | | | | | Silicified siltst Gry w/ Brn + Yel Tan Chert |
| | 20 | | | | | |
| | | | | | | Lignite + Carbonaceous siltst w/ Intbd Brn Calc Tuff, DK Grn to Blk |
| | 40 | | | | | |
| | | | | | | Carbonaceous siltst Gry |
| | 60 | | | | | |
| | | | | | | siltst, Gry Grn, Trace Carb? |
| | 80 | | | | | |
| | | | | | | siltst, Yel Tan |
| | 200 | | | | | |
| | | | | | | siltst Grn, silicified |
| | 220 | | | | | Andesitic Volcanics, Gry Brn |
| | TD | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |
| | 20 | | | | | |
| | 40 | | | | | |
| | 60 | | | | | |
| | 80 | | | | | |
| | 00 | | | | | |

Box 22



**PROJECT** ANDERSON MINE **HOLE SIZE** _____ ☑ AIR ☐ WATER **HOLE NO.** AM 808

**ELEVATION** _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K TAYLOR **DATE** 3/18/78

**SECTION** _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 190' **P.D.** _____

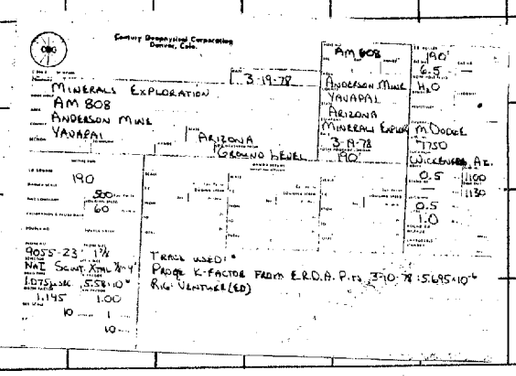
| GEOPHYSICAL LOG | DEPTH | LITHOLOGY | GEOCHEMISTRY |
|---|---|---|---|
| | | interbd olive green mudst & white calc? mudst. | |
| | | olive green mudst, dk red green highly siliceous zones, lt green highly siliceous zones | |
| | 20 | | |
| | 40 | | |
| 50 | 60 | ~~olive~~ interbd olive green mudst & light green to white calc? mudst. | |
| | | interbd olive green & brown red mudst., highly siliceous | |
| | 80 | | |
| 100 | 100 | red brown mudst. | |
| 2000 CPI | | carbonaceous zone, grey mudst, green mudstone, lignite zones | |
| 2000 CPI | 20 | lignitic | |
| 2000 CPI | | | |
| | 40 | | |
| 150 | | olive green mudst. | |
| | 60 | | |
| | | yellow brown mudst. | |
| | 80 | interbd yellow brn mudst & red brn mudst. | |
| 500 CPI 10 MV/IN 190 10 OHMS/IN | | | |
| GAMMA S.P. RES. | 200 | | |
| AM 808 | 20 | | |
| MIKE DODGE | | | |
| | 40 | | |
| | 60 | | |
| | 80 | | |
| | 00 | | |
| | 20 | | |
| | 40 | | |
| | 60 | | |
| | 80 | | |
| | 00 | | |
| | 20 | | |
| | 40 | | |
| | 60 | | |
| | 80 | | |
| | 00 | | |
| | 20 | | |
| | 40 | | |
| | 60 | | |
| | 80 | | |
| | 00 | | |

ORE GRADE CALCULATION
DEPTH SCALE = 5 FEET/INCH

65

145

.02 % U3O8/INCH
CONVERGENCE FACTOR = 0.978

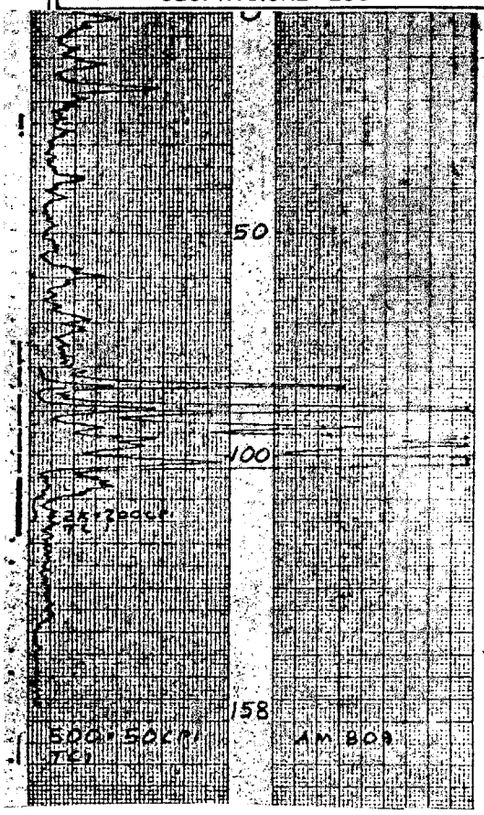


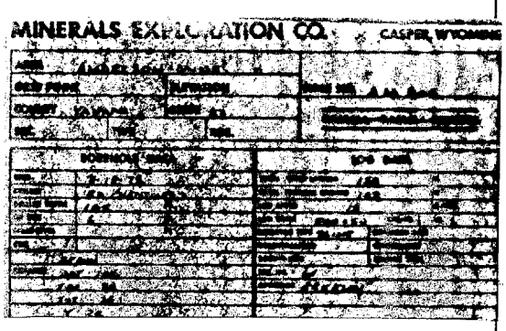
**PROJECT** ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM809

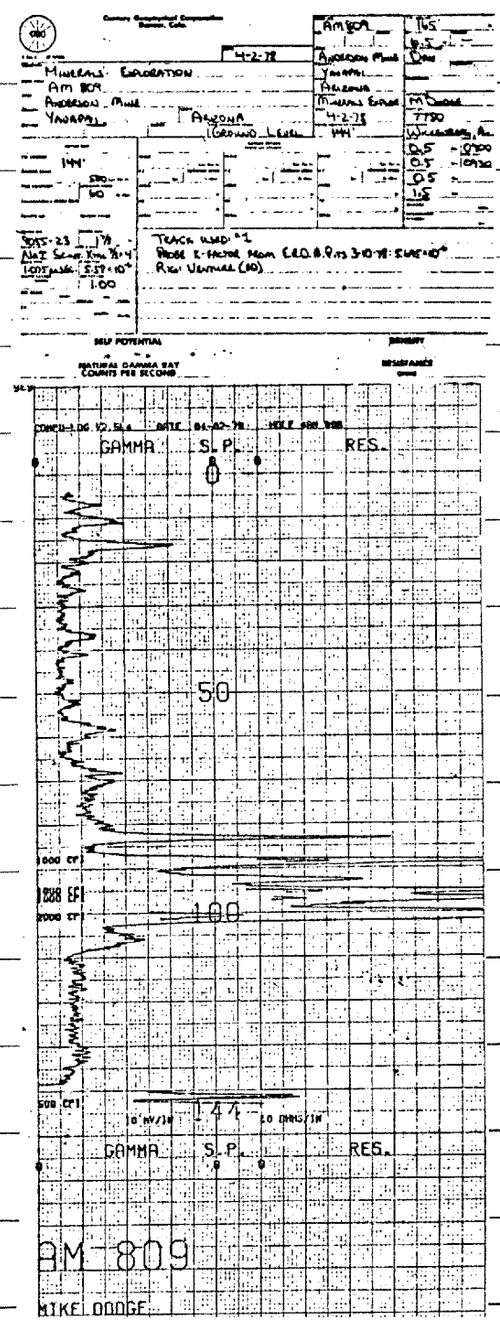
**ELEVATION** _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K TAYLOR **DATE** 4/2/78

**SECTION** _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 165 **P.D.** _____

| GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG |
|---|---|---|---|---|---|---|
| | 20 | | | | | green to grey green siliceous mudstn |
| | 40 | | | | | interbd green + white mudstn |
| | 60 | | | | | green to dk grey mudstn siliceous |
| | 80 | | | | | interbd green + grey red brown siliceous mudstn |
| | 100 | | | | | interbd green, greyish green, dk grey, greybrown, lt grey mudstns + lignite |
| | 120 | | | | | green mudstn |
| | 140 | | | | | grey green, green + grey mudstn, carbonaceous |
| | 160 | | | | | greenish brown mudstn |
| | 180 | | | | | grey andesite frags |
| | 200 | | | | | samples not clear |



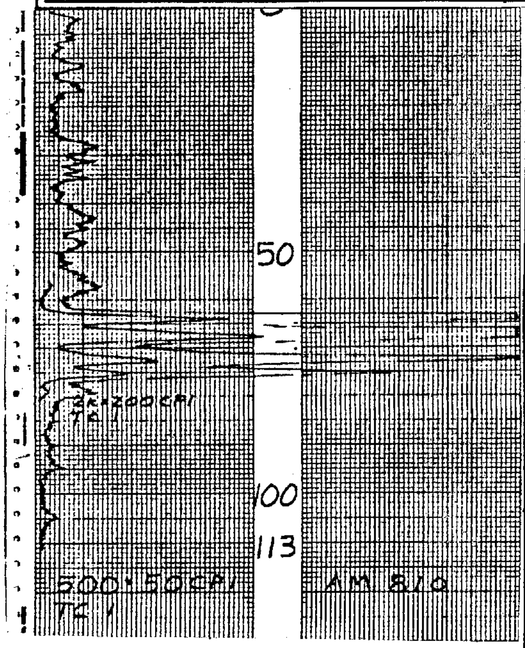



**PROJECT** ANDERSON MINE **HOLE SIZE** ☑ AIR ☐ WATER **HOLE NO.** AM 810

**ELEVATION** **NORTH** **EAST** **LOGGED BY** K. TAYLOR **DATE** 3/30/78

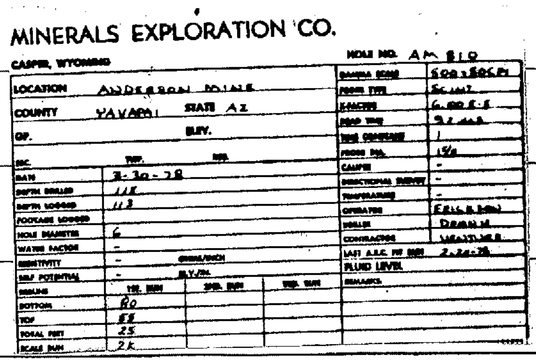
**SECTION** **TOWNSHIP** VENTURE **RANGE** **T.D.** 115 **P.D.**

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



20 40 60 80 1 00 20 40 60 80 00 20 40 60 80 00 20 40 60 80 00 20 40 60 80 00

green siliceous mudstone
interbd soft white (calc?) mudstn & lt green siliceous mudstn.
lt green siliceous mudstn, orange chert.
green mudstn.
lt. green mudstn, some orange chert
green siliceous? mudstn, orange chert
interbd red mudstn, lt grey mudstn, green siliceous mudstn.
interbd red mudst, tan mudstn. lignite, grey mudst.
grey mudst, lignite
blue-grey mudstn.
green mudstn
brownish green mudstn.
green mudstn, greyish purple silt
greyish purple silt, dk grey andesite



MINERALS EXPLORATION CO.
CASPER, WYOMING

HOLE NO. AM 810

|  |  |  |  |
|---|---|---|---|
| LOCATION | ANDERSON MINE | [illegible] | 500x50CPI |
| COUNTY | YAVAPAI STATE AZ | [illegible] | SCINT |
| GP. | ELEV. | [illegible] | 6.80 E-5 |
| SEC. | TWP. RGE. | [illegible] | 9.2 [illegible] |
| DATE | 3-30-78 | [illegible] | 1 |
| DEPTH DRILLED | 115 | [illegible] | 1% |
| DEPTH LOGGED | 113 | [illegible] | - |
| FOOTAGE LOGGED |  | DIRECTIONAL SURVEY | - |
| HOLE DIAMETER | 6 | TEMPERATURE | - |
| WATER FACTOR | - | OPERATOR | [illegible] |
| SENSITIVITY | - | [illegible] | [illegible] |
| SELF POTENTIAL | - | CONTRACTOR | [illegible] |
|  |  | LAST A.E.C. [illegible] | 2-24-78 |
|  |  | FLUID LEVEL |  |
|  |  | REMARKS |  |

|  | 1ST. RUN | 2ND. RUN | 3RD. RUN |
|---|---|---|---|
| BOTTOM | 80 |  |  |
| TOP | 55 |  |  |
| TOTAL FEET | 25 |  |  |
| SCALE RUN | 2k |  |  |