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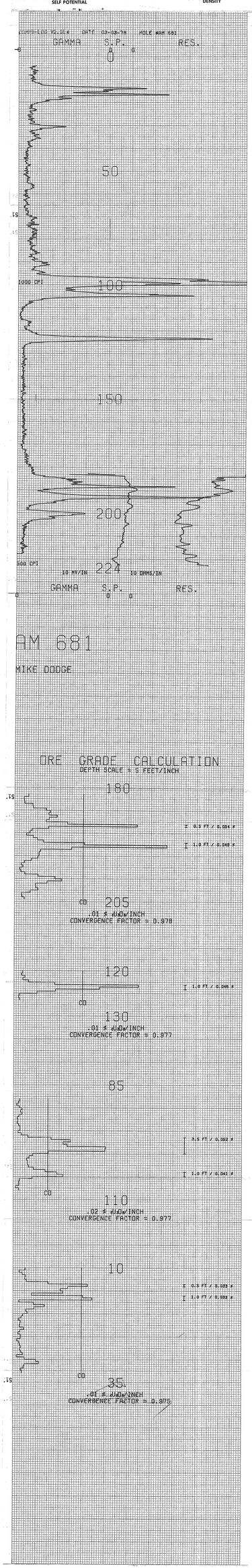
Denver, Colo.

COMPANY: MINERALS EXPLORATION	DATE: 3-3-78	RUN: AM 681	BORE: 225
WELL: AM 681			CASING: 5 1/8 in.
AREA: ANDERSON MINE			HOLE: H.O. MUD
COUNTY: YAVAPAI	STATE: ARIZONA		
LOCATION: ARIZONA			RESISTIVITY:
			TEMPERATURE: 77°50
			WITNESSED BY: MR. DODGE
			0.25 - 1700
			0.5 - 1745
			0.75
			1.5
			MEASURED BY:
			RECORDED BY:
			WITNESSED BY:

F.M. LOCATION	224		
DRAWN DEPTH	550 ft.		
FIRM COMPANY	60 ft.		
CALIBRATION & PROBE DATA			
GAUGE NO.	GAUGE VALUE		
PROBE NO.	PROBE VALUE		
1055-4L	174		
NOT SCALE	VOL. 4.4		
2-1 LSEC.	55 x 10^-4		
1.135	1.00		
10	1		
10			

TRACK USED: #3

SELF POTENTIAL — DENSITY



C-366-E SP 11748B

Denver, Colo.

DATE	3-3-78
COMPANY	MINERALS EXPLORATION
BORE HOLE	AM 682
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
SECTION / TOWNSHIP / RANGE	
LOG MEASURED FROM	GROUND LEVEL

HOLE NO.	AM682
T.D. DRILLED	150' Ft.
SEC. / TWP. / RANGE	
BIT SIZE	5 1/8 In.
CASING	—
AREA	ANDERSON MINE
BORE HOLE FLUID	H_2O
COUNTY	YAVAPAI
DENSITY / VISCOSITY	
STATE	ARIZONA
RESISTIVITY	
COMPANY	MINERALS EXPLOR.
OPERATOR	M. DODGE
DATE	3-3-78
UNIT NO.	7750
TOTAL FOOTAGE LOGGED	149'
LOCATION	WICKENBERG, AZ.

INITIAL RUN	
T.D. LOGGED	149'
GAMMA SCALE	500 Cps. Per In.
TIME CONSTANT	LOGGING SPEED 60 Ft./Min.
CALIBRATION & PROBE DATA	
SOURCE NO.	SOURCE VALUE
PROBE NO.	9055-46
PROBE SIZE	1 7/8 In.
DETECTOR	NAI SCINT. XTAL
TYPE & SIZE	7/8" x 4"
DEAD TIME	> 1 μsec.
K FACTOR	5.59×10^{-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 = Cps. Per In	SCALE = Cps. Per In.	SCALE = 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

DRIVE	0.25 Hrs.
TIME IN	1845
STAND BY	0.75 Hrs.
TIME OUT	1930
LOGGING	0.75 Hrs.
TOTAL	1.75 Hrs.
ROUNDTRIP MILEAGE	Miles
CHARGEABLE STANDBY	Hrs.

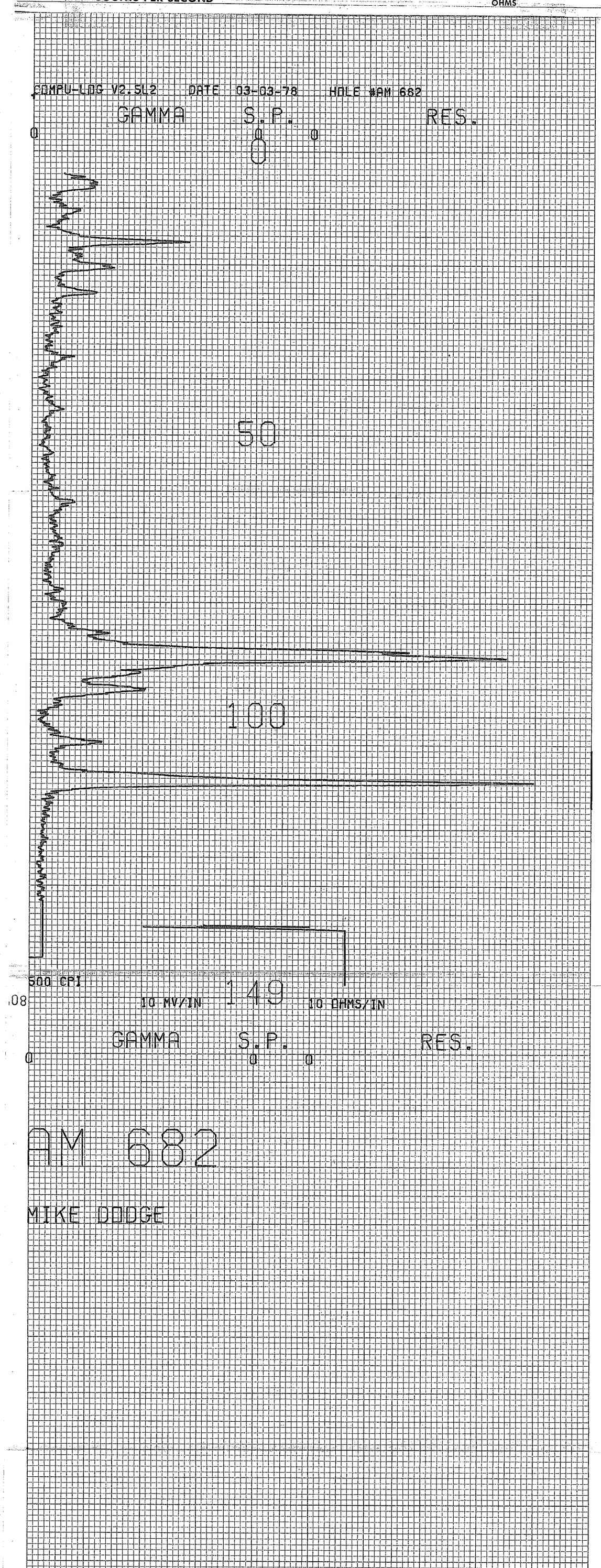
TRACK USED: #4

SELF POTENTIAL — MV +

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS



MINERALS EXPLORATION CO.

CASPER, WYOMING

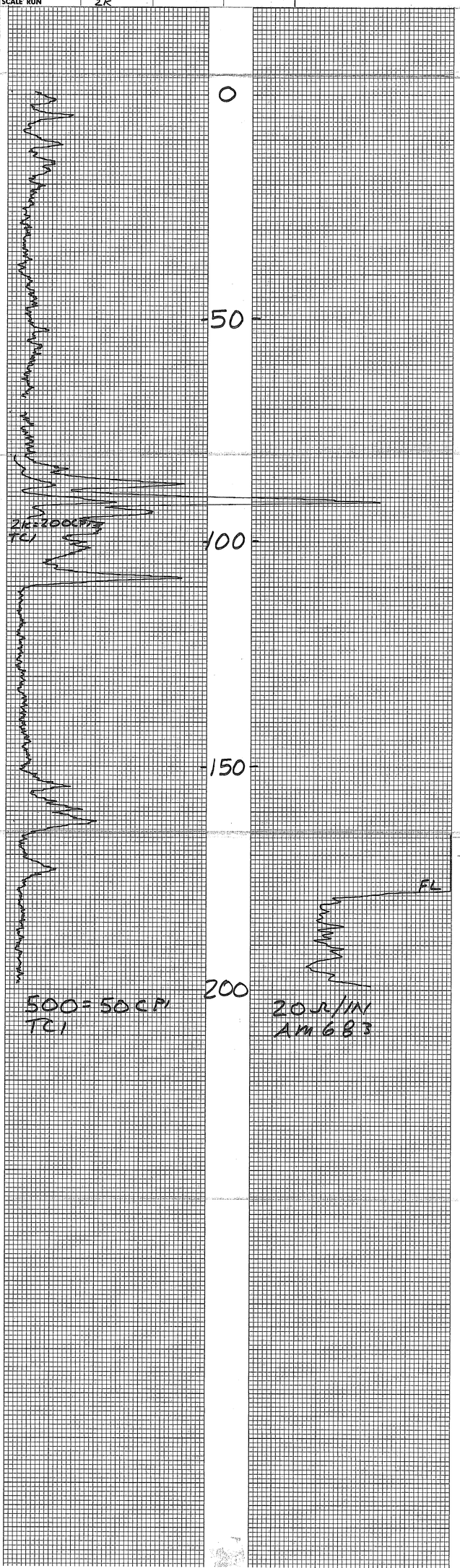
HOLE NO. AM 683

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI **STATE** AZ
GP.	**ELEV.**
SEC.	**TWP.** **RGE.**
DATE	3-8-78
DEPTH DRILLED	200
DEPTH LOGGED	200
FOOTAGE LOGGED	
HOLE DIAMETER	6
WATER FACTOR	1.2
RESISTIVITY	20 **OHMS/INCH**
SELF POTENTIAL	— **M.V./IN.**

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	95		
TOP	80		
TOTAL FEET	15		
SCALE RUN	2K		

GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	6.00E-5
DEAD TIME	9.2 μs
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
OPERATOR	ERICKSON
DRILLER	DENNIS
CONTRACTOR	VENTURE
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	178

REMARKS:



GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK
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Denver, Colo.

C-366-E SP 117488

DATE 4-3-78	AM 685	575' Ft.	
COMPANY: MINERALS EXPLORATION	SEC. TWP. RANGE	BIT SIZE 5.1 In.	CASING —
BORE HOLE: AM 685	AREA: ANDERSON MINE	BORE HOLE FLUID: H_2O + FOAM	
AREA: ANDERSON MINE	COUNTY: YAVAPAI	DENSITY	VISCOSITY
COUNTY: YAVAPAI	STATE: ARIZONA	RESISTIVITY	
STATE: ARIZONA	COMPANY: MINERALS EXPLOR	OPERATOR: M. DODGE	
SECTION / TOWNSHIP / RANGE	DATE: 4-3-78	UNIT NO. 7750	
LOG MEASURED FROM: GROUND LEVEL	TOTAL FOOTAGE LOGGED: 567'	LOCATION: WICKENBERG, AZ.	

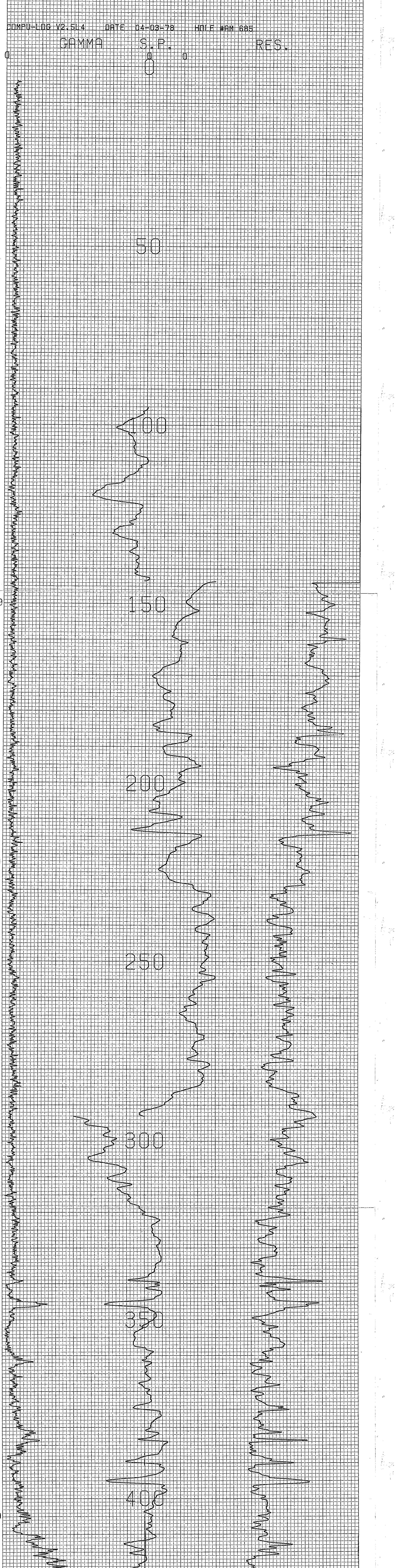
INITIAL RUN	GAMMA RERUNS (Initial run offscale)			
T.D. LOGGED 567'	SCALE = Cps. Per In.	SCALE = Cps. Per In.	SCALE = Cps. Per In.	DRIVE 0.25 Hrs. TIME IN 1130
GAMMA SCALE = 500 Cps. Per In.	T.C. Sec. LOGGING SPEED Ft./Min.	T.C. Sec. LOGGING SPEED Ft./Min.	T.C. Sec. LOGGING SPEED Ft./Min.	STAND BY 0.75 Hrs. TIME OUT 1230
TIME CONSTANT / LOGGING SPEED 60 Ft./Min.	FROM Ft.	FROM Ft.	FROM Ft.	LOGGING 1.0 Hrs.
CALIBRATION & PROBE DATA	TO Ft.	TO Ft.	TO Ft.	TOTAL 2.0 Hrs.
SOURCE NO. / SOURCE VALUE	TOTAL	TOTAL	TOTAL	ROUNDTRIP MILEAGE Miles; CHARGEABLE STANDBY Hrs.

PROBE NO. 9055-23 PROBE SIZE 1 7/8 In.
DETECTOR TYPE & SIZE: NaI SCINT. XTAL 7/8" x 4"
DEAD TIME 1.075 μSEC. K FACTOR 5.58×10^{-6}
WATER FACTOR 1.135 AIR FACTOR 1.00
RES. SCALE 20 ohms per 1 inches
S.P. 50 Mv/In.

TRACK USED: #2
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695×10^{-6}
RIG: COBRA

SELF POTENTIAL — MV + | DENSITY
NATURAL GAMMA RAY COUNTS PER SECOND | RESISTANCE OHMS

COMPU-LOG V2.5L4 DATE 04-03-78 HOLE #AM 685

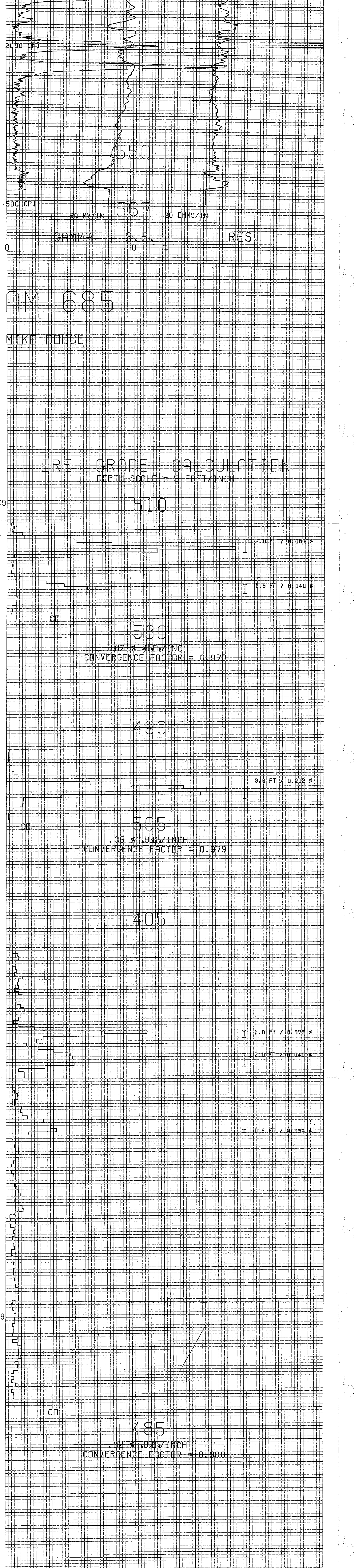


AM 685

MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH



MINERALS EXPLORATION CO.

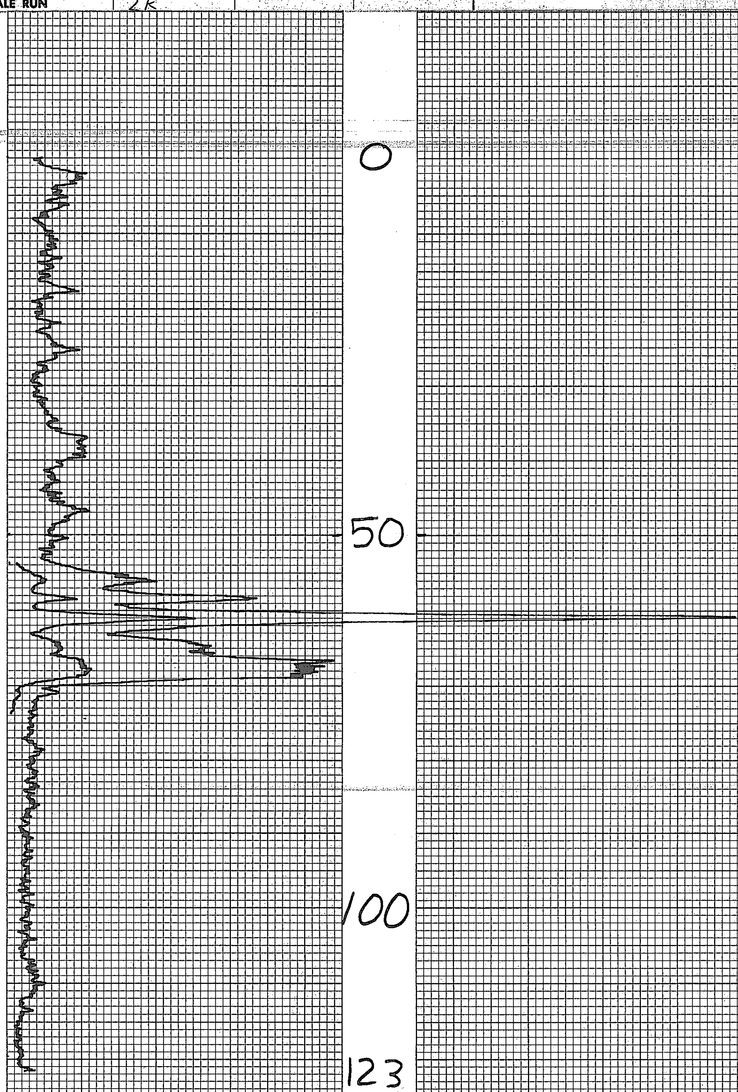
CASPER, WYOMING

HOLE NO. AM 684

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPI
COUNTY	YAVAPAI STATE AZ	PROBE TYPE	SCINT
GP.	ELEV.	K-FACTOR	6.00E-5
		DEAD TIME	9.2μs
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	3-30-78	CALIPER	–
DEPTH DRILLED	125	DIRECTIONAL SURVEY	–
DEPTH LOGGED	123	TEMPERATURE	–
FOOTAGE LOGGED		OPERATOR	ERICKSON
HOLE DIAMETER	6	DRILLER	ED
WATER FACTOR	–	CONTRACTOR	VENTURE
RESISTIVITY	– OHMS/INCH	LAST A.E.C. PIT RUN	2-24-78
SELF POTENTIAL	– M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	75		
TOP	55		
TOTAL FEET	20		
SCALE RUN	2K		

REMARKS:



500=50CPI
TC 1

AM 684

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MINERALS EXPLORATION CO.

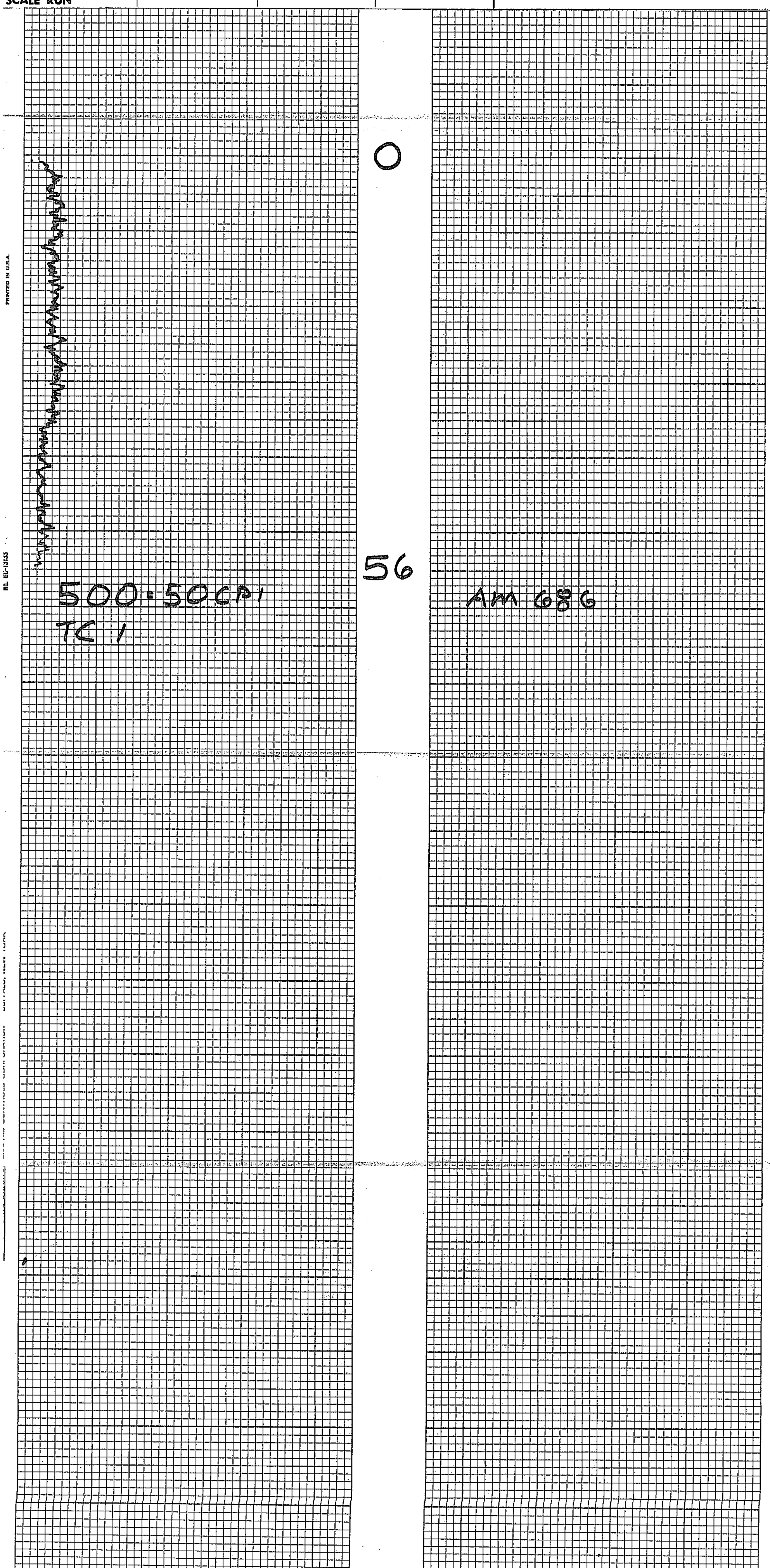
CASPER, WYOMING

HOLE NO. AM 686

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI
STATE	AZ
GP.	
ELEV.	
SEC.	
TWP.	
RGE.	
DATE	3-14-78
DEPTH DRILLED	75
DEPTH LOGGED	56
FOOTAGE LOGGED	
HOLE DIAMETER	6
WATER FACTOR	—
RESISTIVITY	— OHMS/INCH
SELF POTENTIAL	— M.V./IN.

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

GAMMA SCALE	500=50
PROBE TYPE	SCINT
K-FACTOR	6.00E-5
DEAD TIME	92 μs
TIME CONSTANT	1
PROBE DIA.	1 1/8
CALIPER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
OPERATOR	ERICKSON
DRILLER	DENNIS
CONTRACTOR	VENTURE
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	
REMARKS:	



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EL 50-1253

Century Geophysical Corporation
Denver, Colo.

366-E SP 11748B

HOLE NO.	AM 687
T.D. DRILLED	370' Ft.
SEC.	
TWP.	
RANGE	
BIT SIZE	5 1/8 In.
CASING	—
DATE	3-14-78
AREA	ANDERSON MINE
BORE HOLE FLUID	H_2O & MUD
COMPANY	MINERALS EXPLORATION
COUNTY	YAVAPAI
DENSITY	
VISCOSITY	
BORE HOLE	AM 687
STATE	ARIZONA
RESISTIVITY	
AREA	ANDERSON MINE
COMPANY	MINERALS EXPLOR.
OPERATOR	M. DODGE
COUNTY	YAVAPAI
STATE	ARIZONA
DATE	3-14-78
UNIT NO.	7750
SECTION	
TOWNSHIP	
RANGE	
LOG MEASURED FROM	GROUND LEVEL
TOTAL FOOTAGE LOGGED	364'
LOCATION	WICKENBERG, AZ.

INITIAL RUN		GAMMA RERUNS (Initial run offscale)						
T.D. LOGGED: 364'		SCALE = Cps. Per In.		SCALE = Cps. Per In.		SCALE = Cps. Per In.		DRIVE 0.25 Hrs. / TIME IN 1200
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.	STAND BY 0.75 Hrs. / TIME OUT 1245
TIME CONSTANT	LOGGING SPEED 60 Ft./Min.	FROM Ft.		FROM Ft.		FROM Ft.		LOGGING 0.75 Hrs.
CALIBRATION & PROBE DATA		TO Ft.		TO Ft.		TO Ft.		TOTAL 1.75 Hrs.
SOURCE NO.	SOURCE VALUE	TOTAL		TOTAL		TOTAL		ROUNDTRIP MILEAGE Miles
								CHARGEABLE STANDBY Hrs.

PROBE NO.	1055-23
PROBE SIZE	1 7/8 In.
DETECTOR TYPE & SIZE	NaI Scint. Xtal 7/8" x 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.

TRACK USED: #1
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695×10^{-6}

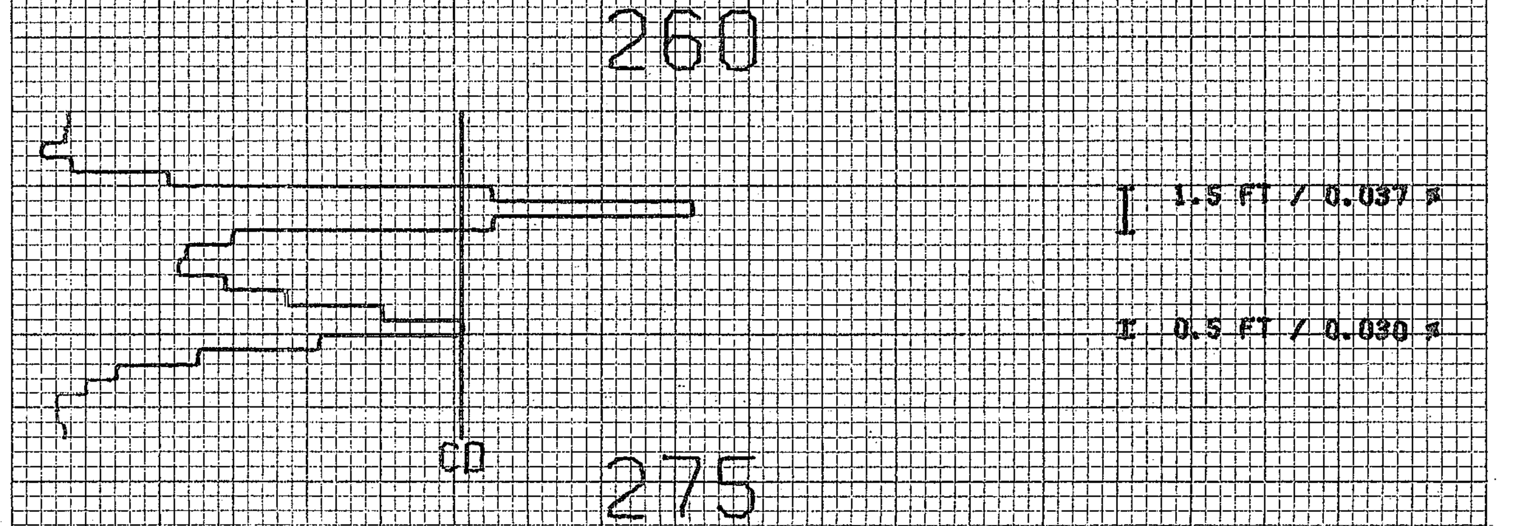
SELF POTENTIAL
− |◄ MV ►| +
NATURAL GAMMA RAY
COUNTS PER SECOND

DENSITY
RESISTANCE
OHMS

AM 687

MIKE DODGE

ORE GRADE CALCULATION
DEPTH SCALE = 5 FEET/INCH



.01 % eU_3O_8/INCH
CONVERGENCE FACTOR = 0.985

Century Geophysical Corporation
Denver, Colo.

-366-E SP 11748B

HOLE NO.	AM 688
SEC. / TWP. / RANGE	
T.D. DRILLED	235' Ft.
BIT SIZE	5 1/8 In.
CASING	—
DATE	3-15-78
AREA	ANDERSON MINE
BORE HOLE FLUID	H2O + MUD
DENSITY / VISCOSITY	
COMPANY	MINERALS EXPLORATION
COUNTY	YAVAPAI
STATE	ARIZONA
RESISTIVITY	
ORE HOLE	AM 688
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
COMPANY	MINERALS EXPLOR
OPERATOR	M. DODGE
DATE	3-15-78
UNIT NO.	7750
LOG MEASURED FROM	GROUND LEVEL
TOTAL FOOTAGE LOGGED	233'
LOCATION	WICKENBERG, AZ.
DIRECTION / TOWNSHIP / RANGE	
DRIVE	0.5 Hrs.
TIME IN	0830
STAND BY	— Hrs.
TIME OUT	0915
LOGGING	0.75 Hrs.
TOTAL	1.25 Hrs.
ROUNDTRIP MILEAGE	Miles
CHARGEABLE STANDBY	Hrs.

INITIAL RUN

T.D. LOGGED	233'
GAMMA SCALE	500 Cps. Per In.
TIME CONSTANT	LOGGING SPEED 60 Ft./Min.
CALIBRATION & PROBE DATA	
SOURCE NO.	SOURCE VALUE
BORE NO.	9055-23
PROBE SIZE	1 7/8 In.
DETECTOR	VAL SCINT. XTAL
TYPE & SIZE	7/8 x 4
DEAD TIME	1.075 μ sec.
K FACTOR	5.58 x 10⁻⁶
WATER FACTOR	1.35
AIR FACTOR	1.00
RES. SCALE	10 ohms per 1 inches
S.P.	10 Mv/In.

GAMMA RERUNS (Initial run offscale)

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

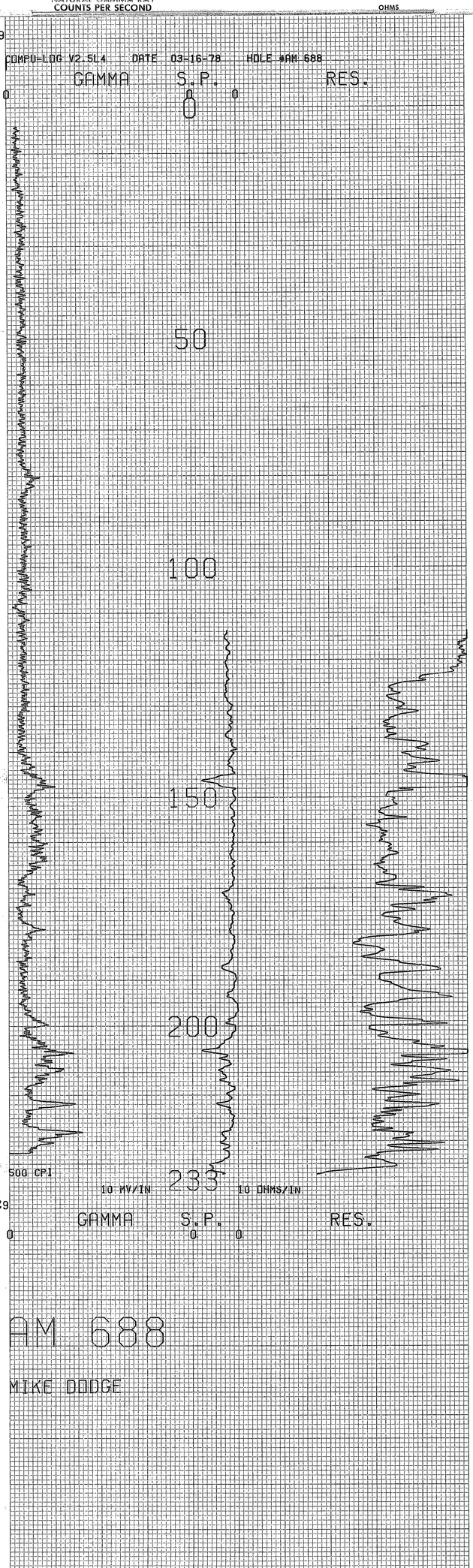
TRACK USED: #4
PROBE K-FACTOR FROM E.R.D.A. PTS 3-10-78: 5.695×10^{-6}
RIG: FREDDIE

SELF POTENTIAL — MV — +

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS



MINERALS EXPLORATION CO.

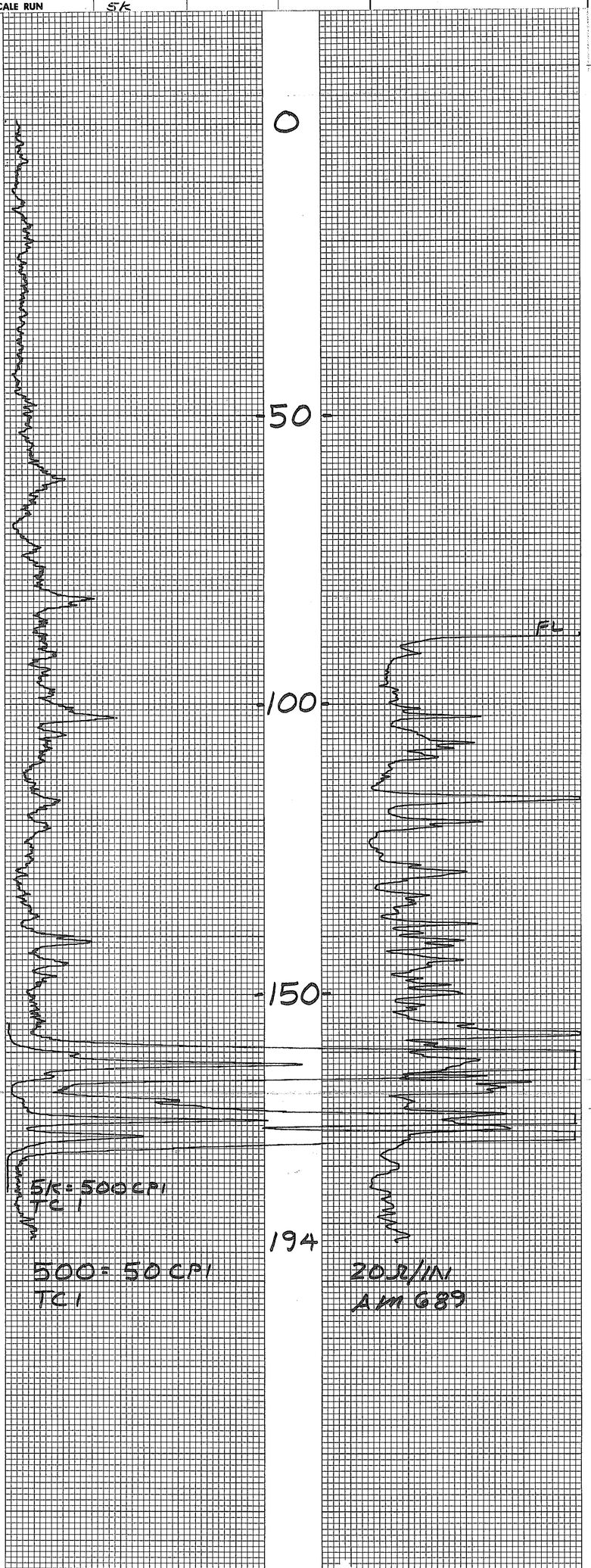
CASPER, WYOMING

HOLE NO. AM 689

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI
STATE	AZ
GP.	
ELEV.	
SEC.	
TWP.	
RGE.	
DATE	3-16-78
DEPTH DRILLED	200
DEPTH LOGGED	194
FOOTAGE LOGGED	
HOLE DIAMETER	5 1/8
WATER FACTOR	1.2
RESISTIVITY	20 OHMS/INCH
SELF POTENTIAL	-- M.V./IN.

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	185		
TOP	155		
TOTAL FEET	30		
SCALE RUN	5K		

GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	6.00E-5
DEAD TIME	9.2 μs
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	-
DIRECTIONAL SURVEY	-
TEMPERATURE	-
OPERATOR	ERICKSON
DRILLER	FRED
CONTRACTOR	COBRA
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	88
REMARKS:	



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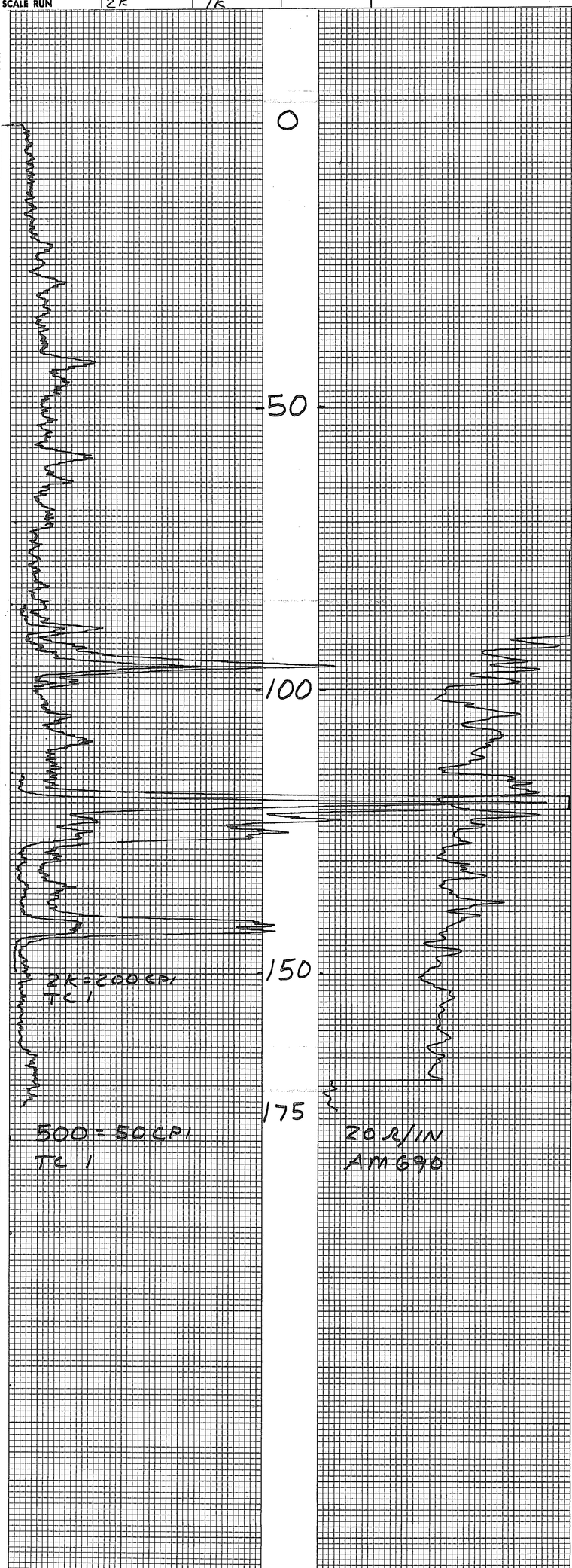
MINERALS EXPLORATION CO.

CASPER, WYOMING **HOLE NO.** AM 690

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	**STATE** AZ	
GP.		**ELEV.**	
SEC.	**TWP.**	**RGE.**	
DATE	3-1-78		
DEPTH DRILLED	175		
DEPTH LOGGED	175		
FOOTAGE LOGGED			
HOLE DIAMETER	5 1/8		
WATER FACTOR	1.2		
RESISTIVITY	20	**OHMS/INCH**	
SELF POTENTIAL	—	**M.V./IN.**	
RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	150	100	
TOP	115	85	
TOTAL FEET	35	15	
SCALE RUN	2k	1k	

GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	6.00 E-5
DEAD TIME	9.4
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
OPERATOR	ERICKSON
DRILLER	
CONTRACTOR	VENTURE
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	90
REMARKS:	



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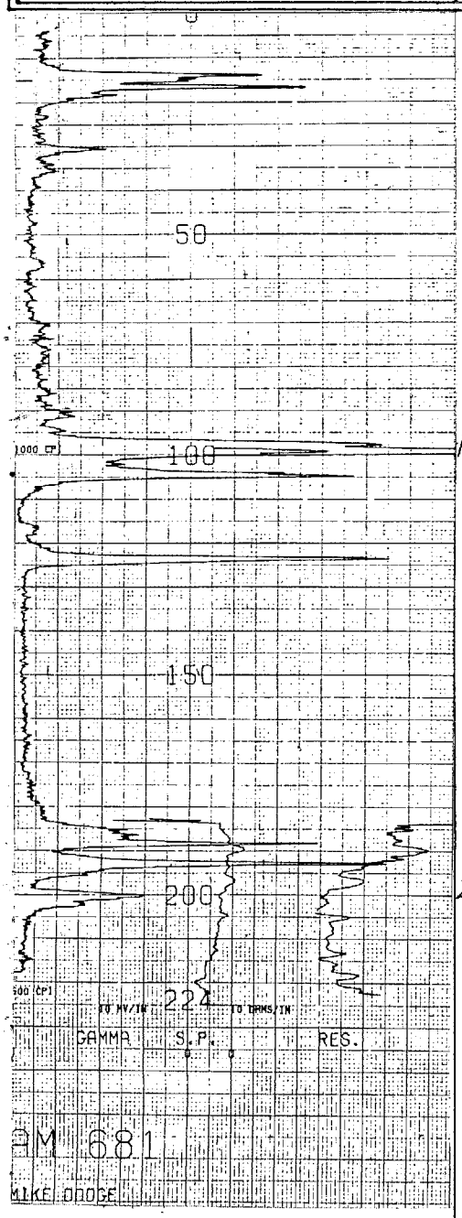
PROJECT ANDERSON MINE HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. AM 681

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

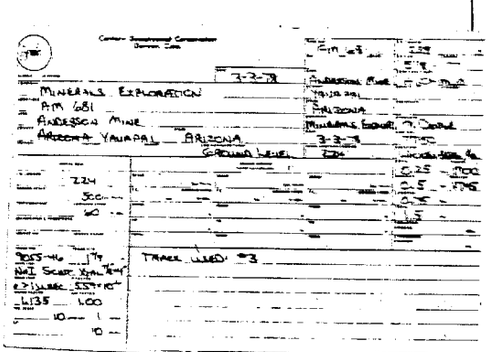
SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 225' P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



LITHOLOGY LOG:

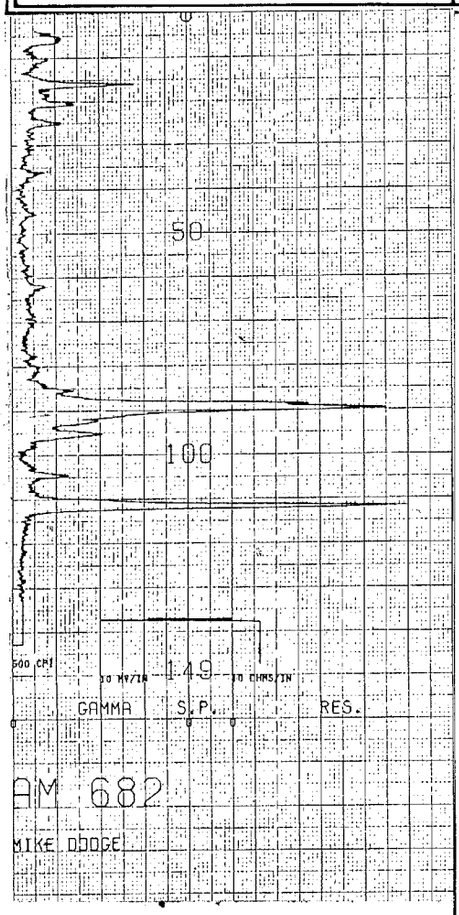
- light green to light grey mudstone, calc? siliceous zones, white ls layers?
- carbonaceous zone, black to grey to dk green grey
- lignitic mudstone
- greyish red to orange red mudstone
- interbedded green mudstone
- dk green to dk grey mudstone carbonaceous lignitic frags
- dk green interbedded red mudstones + yellow fn grn ss abundant andesite frags.

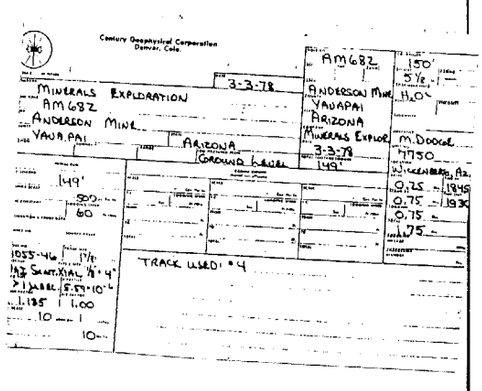


PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM 682

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

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 150 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					Sltst, Grn, Yel/Brn Chert wht Tuff + Bentonite Silicified sltst, Gry, Brn Chert + Gry Chert
	40					wht Tuff, Bentonitic Silicified sltst, Gry Grn Chert Sltst Grn
	60					wht calc Tuff or LS, Purple Brn Chert
	80					sltst, Grn wht Tuff or LS
	100					Carbonaceous sltst + Lignite Gry to Blk Intbdd Grn sltst/mdst
	20					Red sltst, Weathered Volcanics Faulse Basement
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					



Century Geophysical Corporation
Denver, Colo.

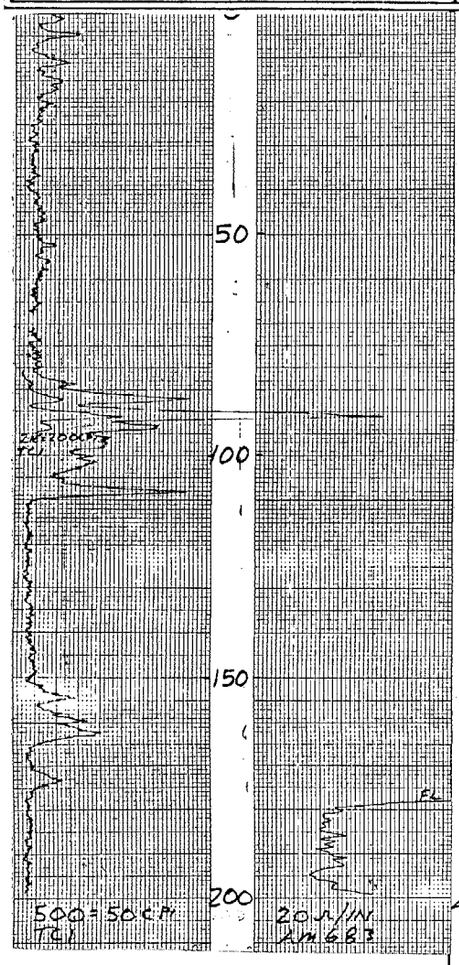
3-3-78
MINERALS EXPLORATION
AM682
ANDERSON MINE
YAVAPAI ARIZONA
GROUND LEVEL
149'
500
60
1055-46
AZ SKINTIAL
TRACK USED: 4

AM682
ANDERSON MINE
YAVAPAI
ARIZONA
MINERALS EXPLOR
3-3-78
149'
150'
5½
11.0
M. DODGE
7750
WICKENBURG, AZ.
0.75 - 1845
0.75 - 1930
0.75
.75

PROJECT ANDERSON MINE HOLE SIZE ☐ AIR ☐ WATER HOLE NO. AM 683

ELEVATION NORTH EAST LOGGED BY K. TAYLOR DATE 3/8/78

SECTION TOWNSHIP RANGE T.D. 200 P.D.

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					lt green to olive green mudst., calcareous
	40					
	60					siliceous
	80					interbd ls.
	100					carbonaceous zone, grey to dk grey mudst.
	20					red mudstone, w/ fr. sand
	40					interbd grey and brown mudst.
	60					
	80					red mudst. andesite frags
	200					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE AZ	
TOP.		ELEV.	
SEC.	TWP.	RGE.	
DATE	3-8-78		
DEPTH DRILLED	200		
DEPTH LOGGED	200		
FOOTAGE LOGGED			
HOLE DIAMETER	6		
WATER FACTOR	1.2		
RESISTIVITY	20 OHMS/INCH		
SELF POTENTIAL	— MV/IN.		
RESUMS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	95		
TOP	80		
TOTAL FEET	15		
SCALE RUN	2K		

HOLE NO.	AM 683
GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	6.00E-5
DEAD TIME	9.2 μs
TIME CONSTANT	1
PROBE DIA.	1 1/2
CALIPER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
OPERATOR	ERICKSON
DRILLER	DENNIS
CONTRACTOR	UNKNOWN
LAST A.B.C. PIT RUN	2-24-78
FLUID LEVEL	178
REMARKS:	

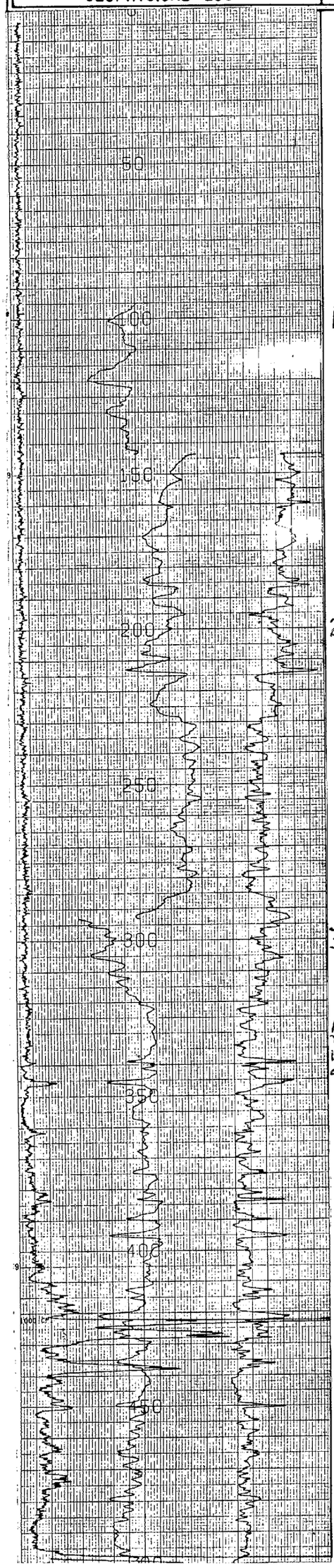
PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 685

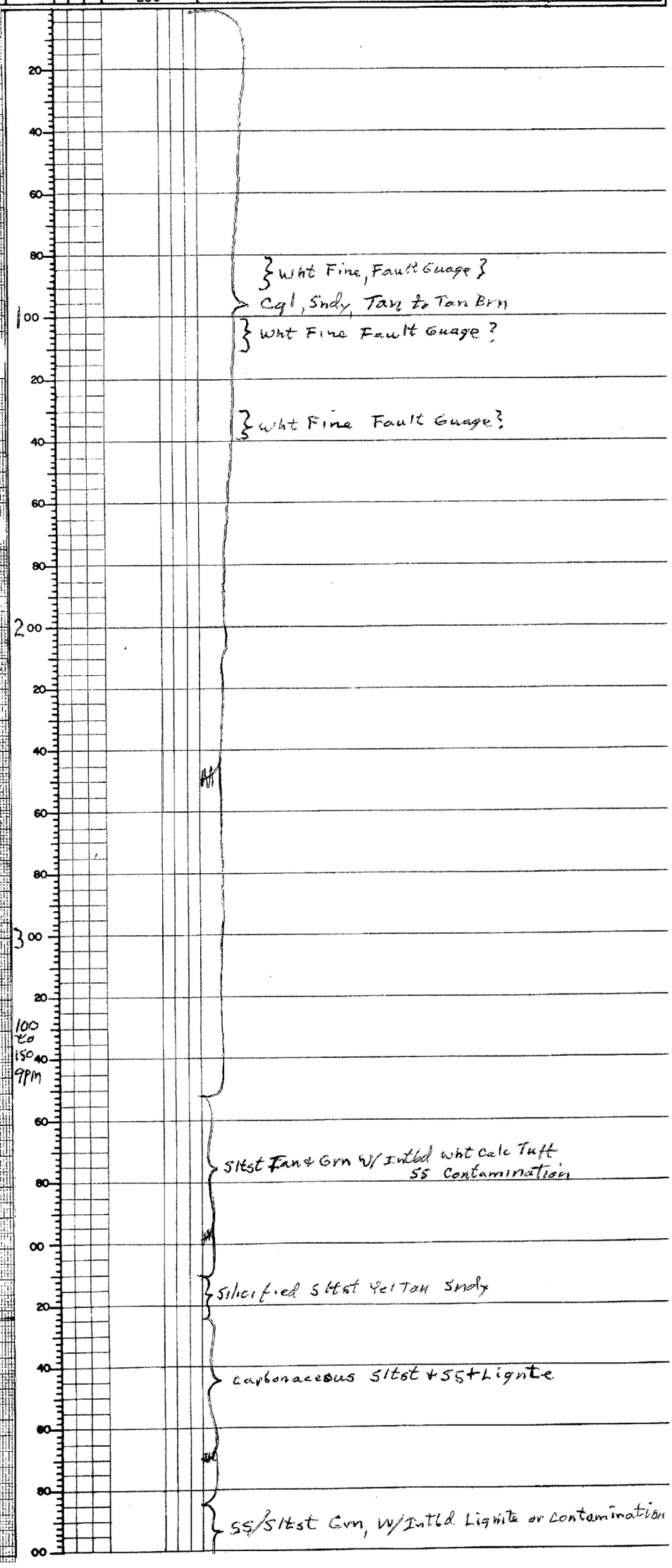
ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CZH DATE 4-3-78

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 575 P.D. ____

Fred

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG

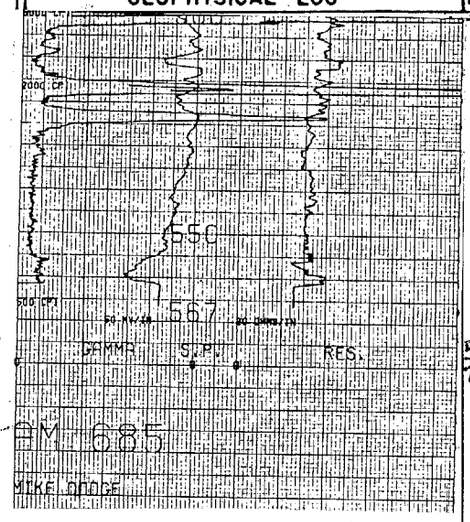


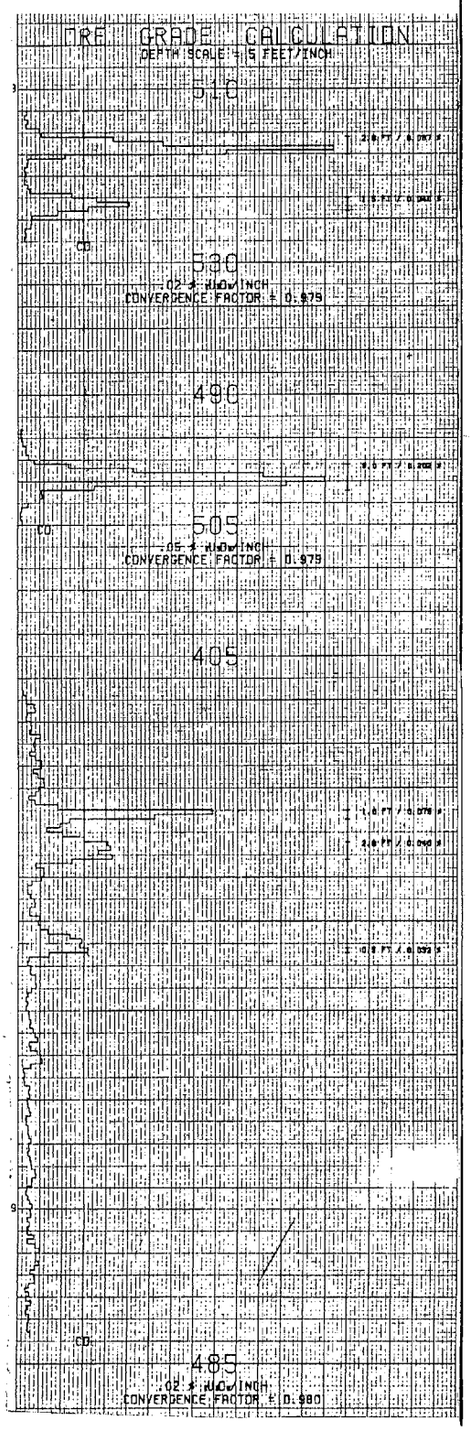


PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 685

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** C.H. **DATE** 4-3-78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 575 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					55/5 Mst, Grn, w/Intbdd Lignite or contamination
	40					
	60					Gry Tan Silty SS w/ Rhyolitic Volcanic Frags (c Red Brn) Volcaniclastic Unit? Rhyo-Dacite? – Lignite stringers or contamination
	575 TD 80					Andesitic? Volcanics Gry Brn Very Hard Siliceous Volcanics Felsic to Intermediate?
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					



Century Geophysical Corporation Denver, Colo.

Minerals Exploration
Am 685
Anderson Mine
Vavapai Arizona
Ground Level
4-3-78
567'

Am 685 | 575' | Anderson Mine | Vavapai | Arizona | Minerals Expl. | 4-3-78 | 567

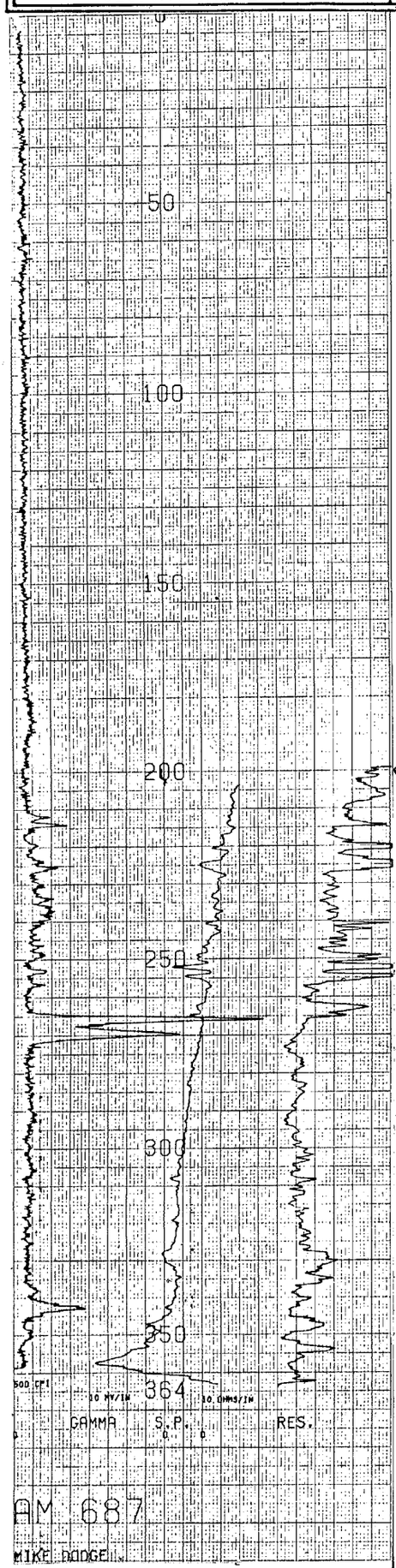
Track used #2
Probe K-factor from E.R.D.A. Dtd 3-10-78: S.Was = 10⁴
Rig: Cobra

PROJECT Anderson Mine **HOLE SIZE** _____ ☑ AIR ☑ WATER **HOLE NO.** AM 687

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** CRH **DATE** 3-14-78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 370 **P.D.** _____

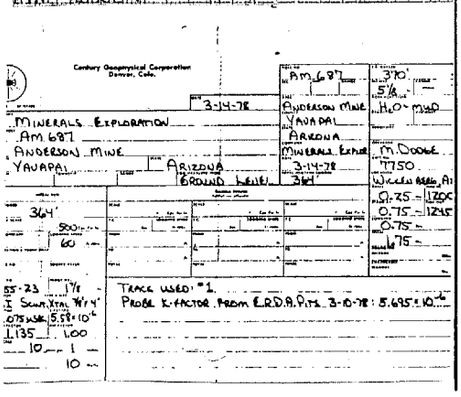
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG

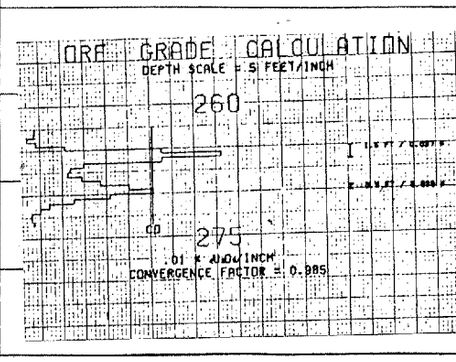


DEPTH: 100, 200, 300, 370

LITHOLOGY LOG:

- SS, Tan med to crs
- Cgl, Wht, Metamorphics + Granite
- SS, Tan
- Sltst Yel Tan
- SS Tan
- Sltst, Tan
- SS, Tan Brn, Sltst Stringers, more Silty downward
- Sltst, Tan Grn
- Sltst Grn + Marlst, Buff
- Sltst Grn
- Silicified Sltst, Grn
- Lignite Blk + Brn Ls or Tuff
- Silicified Sltst, Gry Grn, Bentonite Wht
- Lignite, Blk
- Sltst, Red, No Volcanics
- Sltst, Gry Grn
- Sltst Red Brn Weathered Volcanics
- carbonaceous Sltst + Lignite Dk Gry to Blk
- Sltst, Tan Brn Andesitic Volcanic Frags
- Andesitic Volcanics Red Brn to Gry Brn

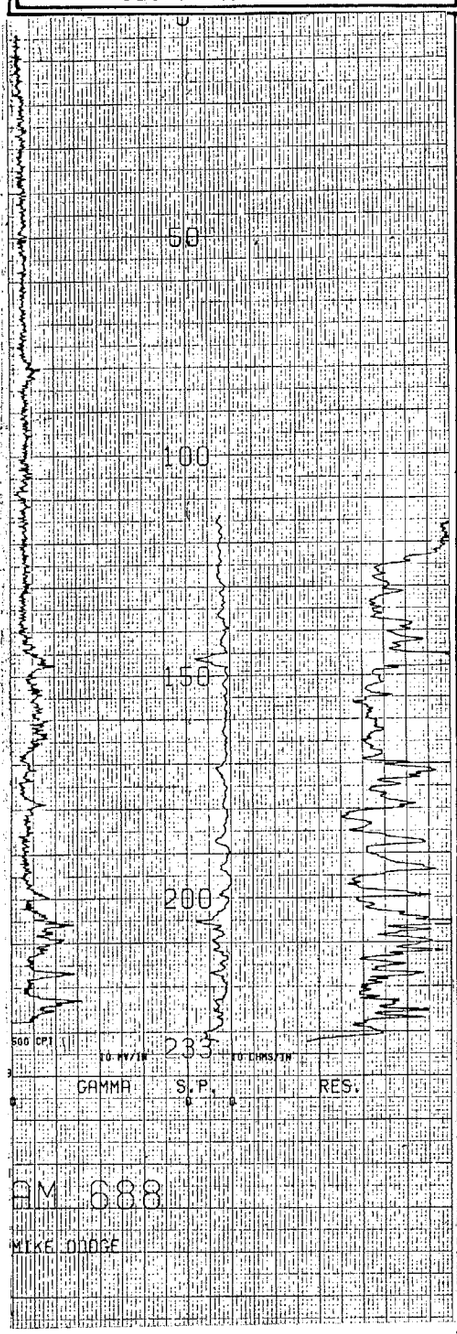




PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☒ WATER **HOLE NO.** AM 688

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** CBH **DATE** 3-15-78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 245 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						
						Cgl, QBI? Basalt Frags
	20					
						SS Silty Tan to Tan Brn Fine to Med
	40					
	60					
	80					Siltst, Tan Grn, Sndy
	100					Siltst Tan to Tan Brn } Sndy
	20					
	40					Siltst Grn, Silicified, Gry + Grn Chert
	60					
						wht Calc Tuff w/Intbd Grn Sltst
	80					Siltst Grn w/Intbd wht Calc Tuff
	200					wht Calc Tuff, Red Brn Chert
						Siltst, Grn, Brn + Gry Chert
	20					
	40					Andesitic Volcanics Gry Brn
	245 TD					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

Century Geophysical Corporation
Denver, Colo.

3-16-78
MINERALS EXPLORATION
AM 688
ANDERSON MINE
YAVAPAI ARIZONA
GROUND LEVEL

AM 688 | 235' | 5 1/2 | H2O MUD
ANDERSON MINE
YAVAPAI
ARIZONA
MINERAL EXPLOR.
3-16-78
233
M. DODGE
1750
WICKENBERG A
0.5 | 08 | 09
0.75
.25

233'
500
60

055-23 | 1 1/2
AL SCINT. XTAL '78-4
.135 | 1.00
10 | 1
10 | .1

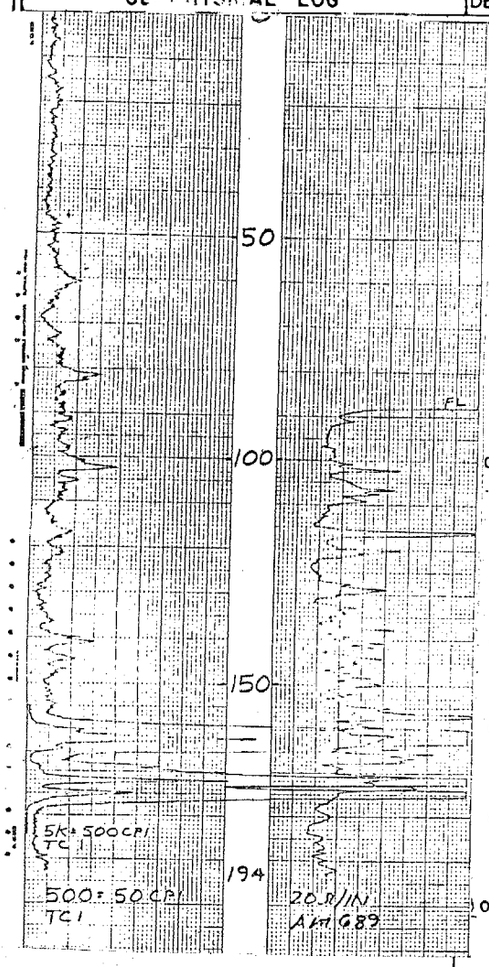
TRACK USED: P4
PROBE K-FACTOR FROM E.R.D.A. PTE 3-10-78: 5.625 × 10⁻⁴
RIG: FREDDIE

PROJECT Anderson Mine HOLE SIZE _____ ☐ AIR ☒ WATER HOLE NO. AM689

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY CZH DATE 3/16/78

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 200 P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						SS, Tan, Granitic, QAl?
						Siltst, Tan Grn
						Wht Calc Tuff + Grn Siltst
						Silicified Siltst Grn Brn Chert
						Siltst, Grn
						Carbonaceous Siltst + Lignite, DK Gry
						Intbd Wht Calc Tuff + Grn silicified Siltst
						Wht Calc Tuff Gry + Yel Brn Chert
						Silicified Siltst Grn
						Carbonaceous Siltst + Lignite w/ Intervbd Brn Calc Tuff or Ls
						Red Siltst w/ Fresh Andesitic Volcanics



MINERALS EXPLORATION

OWNER, WYOMING

LOCATION ANDERSON MINE

COUNTY YAVAPAI STATE AZ

HOLE NO. AM 689

DATE 3-16-78

DEPTH DRILLED 200

DEPTH LOGGED 194

HOLE DIAMETER 5 7/8

CHART FACTOR 1.5

SENSITIVITY 20

SELF POTENTIAL —

VOLTS 1.88

POTTOM 1.88

TOP 1.58

TOTAL FEET 30

GRAM SUM 5K

FLUID LEVEL 88

SOURCE 500 / 50 CPI

FROM FILE CZH/JAT

DIRECTION 6 OR 8

GRAM TAKE 5 / MAR

TAPE CORRECTION 1

DEGREE DIA. 1 7/8

CALIPER

DIRECTIONAL SURVEY

TEMPERATURE

OPERATOR R. RICHARDS

DRILLER SARD

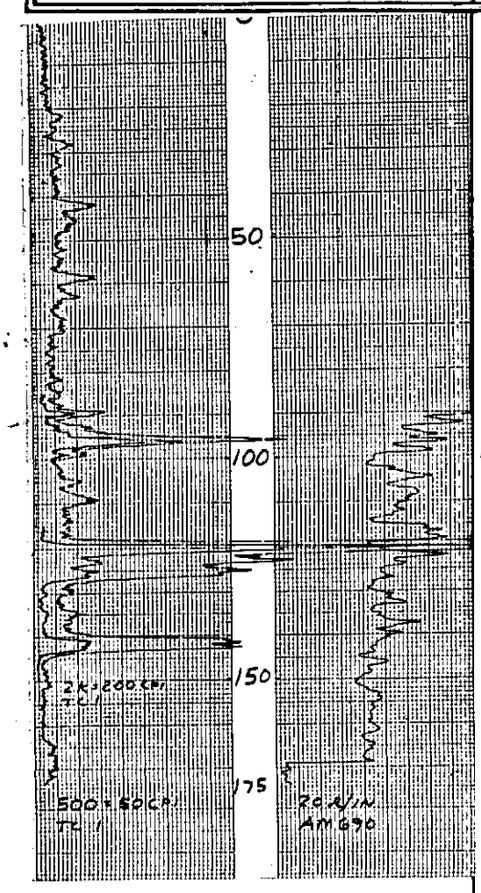
COMPANYMAN CORBIN

LAST A.E.C. RD BOM 2-24-78

PROJECT Anderson Mine **HOLE SIZE** 6½ ☐ AIR ☑ WATER **HOLE NO.** AM 690

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** CZH **DATE** 3-1-78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 175 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						cgl, Grnitic
						sltst, Grn
						silicified sltst Gry Grn wht Calc Tuff or Ls, Wht, w/ Red Brn chert
						sltst Grn
						Intbdd Grn sltst + Wht Calc Tuff or Ls, Wht
						Carbonaceous sltst + lignite Gry to Blk
						sltst, Rust, Andesitic Volcanic Frags

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 690

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	AZ
GP.		ELEV.	
SEC.	TWP.	RGE.	
DATE	3-1-78		
DEPTH DRILLED	175		
DEPTH LOGGED	174		
FOOTAGE LOGGED			
HOLE DIAMETER	6½		
WARM FACTOR	1.2		
RESISTIVITY	20	OHMS/MCM	
SELF POTENTIAL	—	MV/IN	

GROUND	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	150	100	
TOP	110	85	
TOTAL FEET	35	15	
SCALE NO.	2K	1K	

GAMMA SCALE	500=50CPS
PROBE TYPE	SGNT
K FACTOR	6.08 K=2
DEAD TIME	9.4
TIME CONSTANT	1
PROBE DIA.	1½
CALIPER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
OPERATOR	REILBEN
ENGINE	
CONTRACTOR	UPHOLDER
LAST B.C. PRI RUN	2-24-78
FLUID LEVEL	P.D.
REMARKS:	