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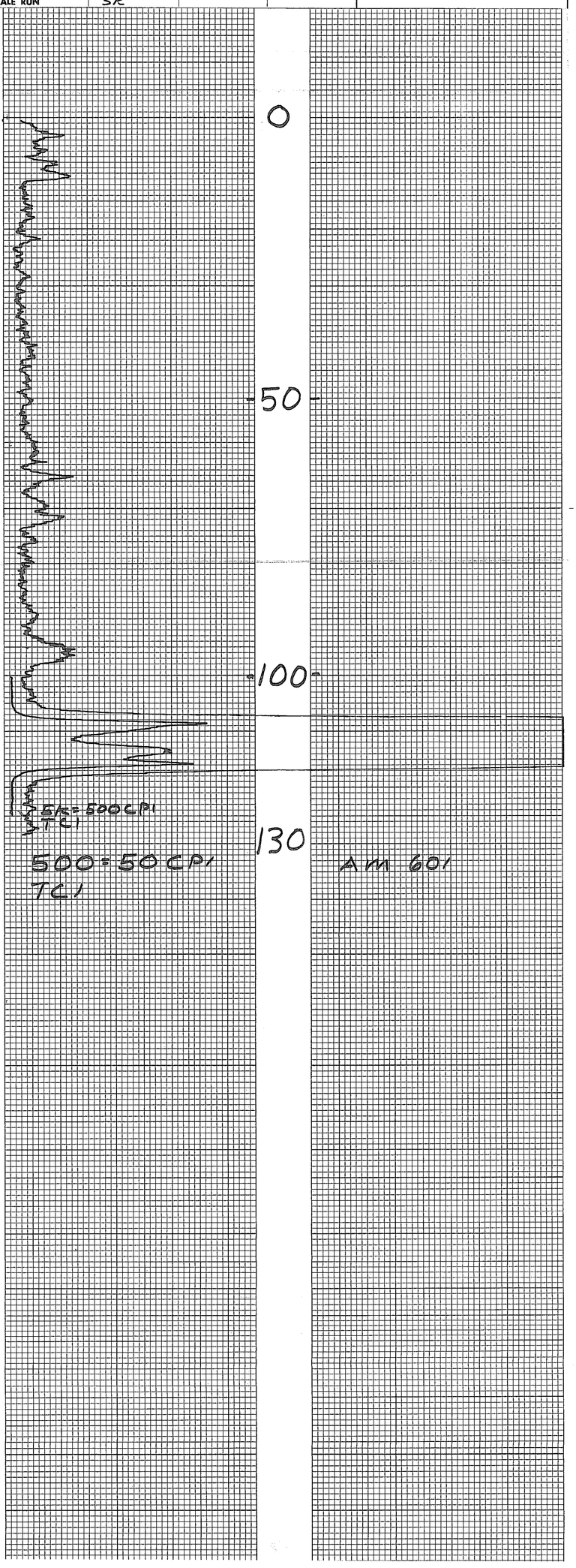
MINERALS EXPLORATION CO.

CASPER, WYOMING **HOLE NO.** AM 601

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI **STATE** AZ		
GP.	**ELEV.**		
SEC.	**TWP.**	**RGE.**	
DATE	3-16-78		
DEPTH DRILLED	130		
DEPTH LOGGED	130		
FOOTAGE LOGGED			
HOLE DIAMETER	6		
WATER FACTOR	–		
RESISTIVITY	– **OHMS/INCH**		
SELF POTENTIAL	– **M.V./IN.**		
RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	125		
TOP	100		
TOTAL FEET	25		
SCALE RUN	5K		

GAMMA SCALE	500=50CPS
PROBE TYPE	SCINT
K-FACTOR	6.00E-5
DEAD TIME	9.2μs
TIME CONSTANT	1
PROBE DIA.	1⅝
CALIPER	–
DIRECTIONAL SURVEY	–
TEMPERATURE	–
OPERATOR	ERICKSON
DRILLER	DENNIS
CONTRACTOR	VENTURE
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	
REMARKS:	



Denver, Colo.

C-366-E SP 117488

DATE 3-16-78

COMPANY MINERALS RESOURCES

BORE HOLE AM 602

AREA ANDERSON MINE

COUNTY YAVAPAI STATE ARIZONA

SECTION | TOWNSHIP | RANGE | LOG MEASURED FROM GROUND LEVEL

AM 602

SEC. | TWP. | RANGE

AREA ANDERSON MINE

COUNTY YAVAPAI

STATE ARIZONA

COMPANY MINERALS EXPLOR.

DATE 3-16-78

TOTAL FOOTAGE LOGGED 67'

70' Ft.

BIT SIZE 6.5 In. | CASING —

BORE HOLE FLUID DRY

DENSITY | VISCOSITY

RESISTIVITY

OPERATOR M. DODGE

UNIT NO. 7750

LOCATION WICKENBERG, AZ.

INITIAL RUN	GAMMA RERUNS (Initial run offscale)		
T.D. LOGGED 67'	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 / LOGGING SPEED 60 Ft./Min.	FROM Ft.	FROM Ft.	FROM Ft.
CALIBRATION & PROBE DATA	TO Ft.	TO Ft.	TO Ft.
SOURCE NO. / SOURCE VALUE	TOTAL	TOTAL	TOTAL

DRIVE 0.25 Hrs. | TIME IN 1845

STAND BY — Hrs. | TIME OUT 1915

LOGGING 0.5 Hrs.

TOTAL 0.75 Hrs.

ROUNDTRIP MILEAGE Miles

CHARGEABLE STANDBY Hrs.

PROBE NO. 9055-23 | PROBE SIZE 1 7/8 In.

DETECTOR NAI SCINT. XTAL | TYPE & SIZE 7/8" x 4"

DEAD TIME 1.075 μSEC. | K FACTOR 5.58 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.D.A. PITS 3-10-78 : 5.695 x 10⁻⁶

RIG: VENTURE (DENNIS)

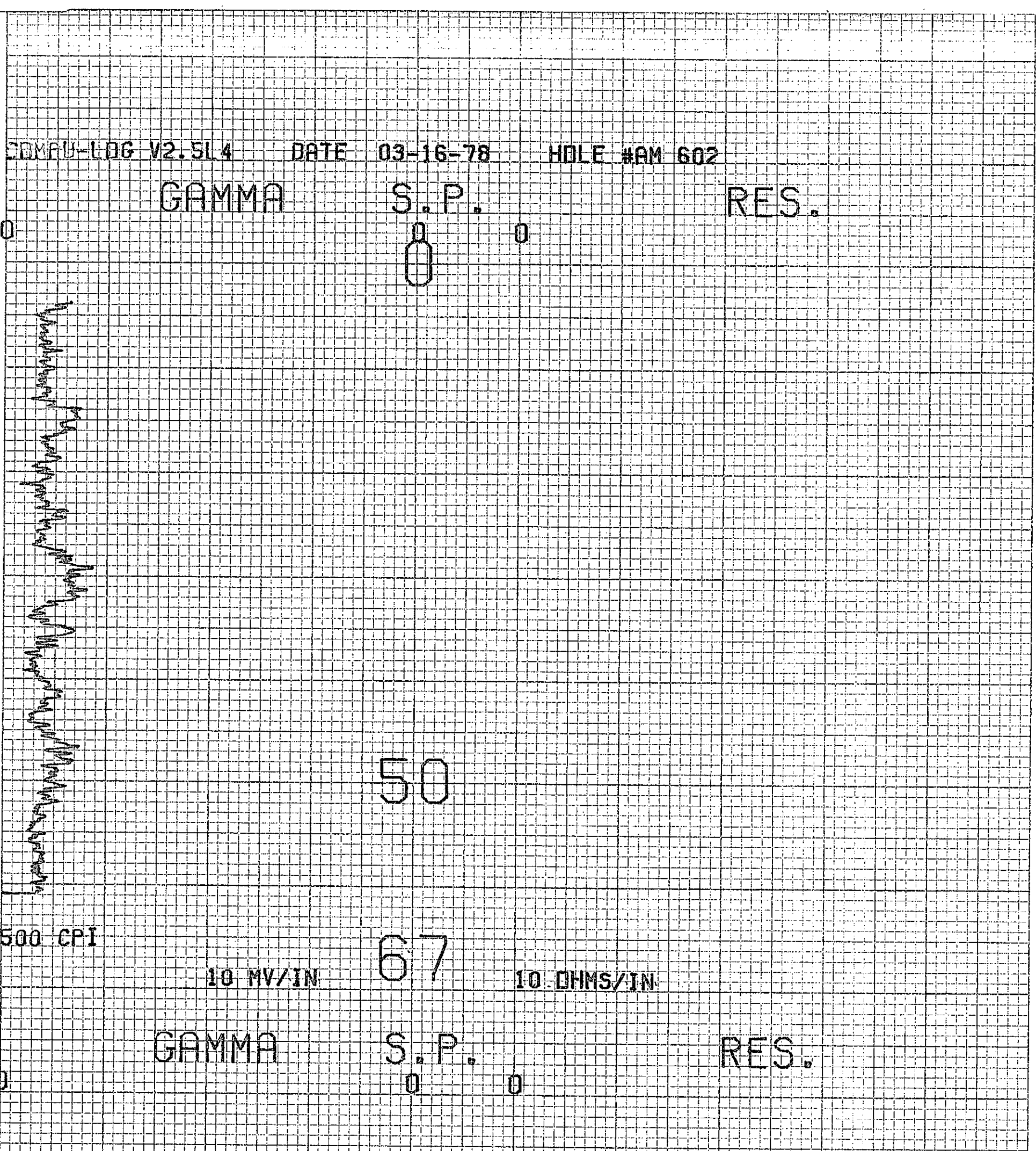
SELF POTENTIAL

− |◀ MV ▶| +

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS



Denver, Colo.

C-366-E SP 11748B

DATE	3-3-78
COMPANY	MINERALS EXPLORATION
BORE HOLE	AM 603
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
SECTION	
TOWNSHIP	
RANGE	
LOG MEASURED FROM	GROUND LEVEL
TOTAL FOOTAGE LOGGED	235'

AM 603	240 Ft.
SEC. / TWP. / RANGE	
BIT SIZE	5 1/8 In.
CASING	—
AREA	ANDERSON MINE
BORE HOLE FLUID	H_2O & FOAM
COUNTY	YAVAPAI
DENSITY	
VISCOSITY	
STATE	ARIZONA
RESISTIVITY	
COMPANY	MINERALS EXPLOR.
OPERATOR	M. DODGE
DATE	
UNIT NO.	7750
LOCATION	

INITIAL RUN		GAMMA RERUNS (Initial run offscale)			
T.D. LOGGED	235'	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	LOGGING SPEED 60 Ft./Min.	FROM Ft.	FROM Ft.	FROM Ft.	
CALIBRATION & PROBE DATA		TO Ft.	TO Ft.	TO Ft.	
SOURCE NO.	SOURCE VALUE	TOTAL	TOTAL	TOTAL	
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.					

TRACK USED: #1

DRIVE 0.25 Hrs.	TIME IN 1430
STAND BY 0.5 Hrs.	TIME OUT 1515
LOGGING 0.75 Hrs.	
TOTAL 1.5 Hrs.	
ROUNDTRIP MILEAGE Miles	
CHARGEABLE STANDBY Hrs.	

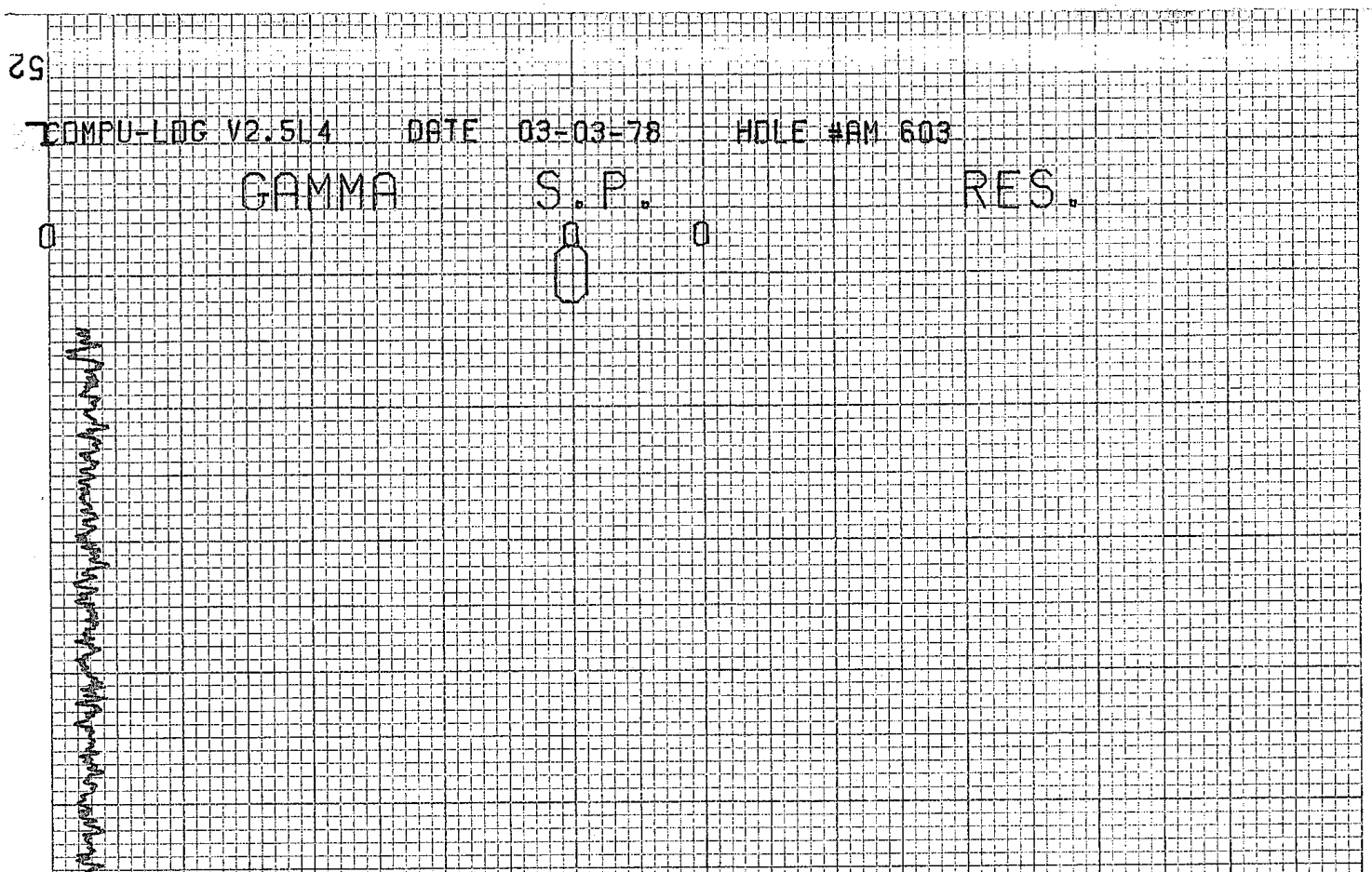
SELF POTENTIAL

− |◀ MV ▶| +

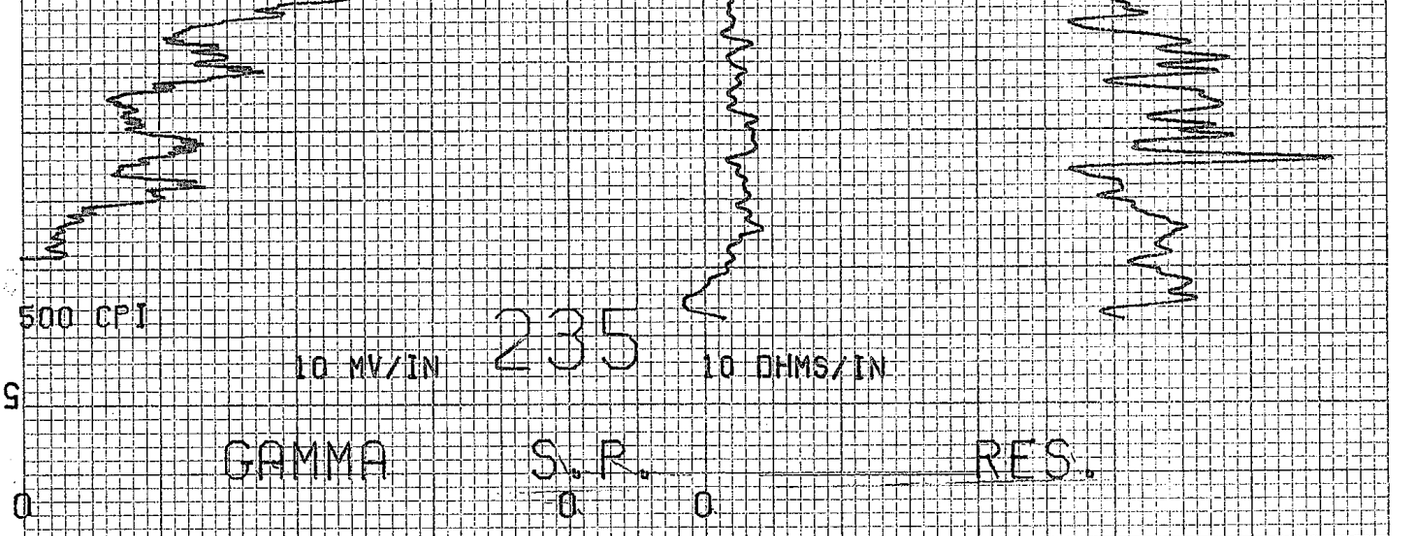
NATURAL GAMMA RAY
COUNTS PER SECOND

DENSITY

RESISTANCE
OHMS



50
100
150
1000 CPI
200
5000 CPI



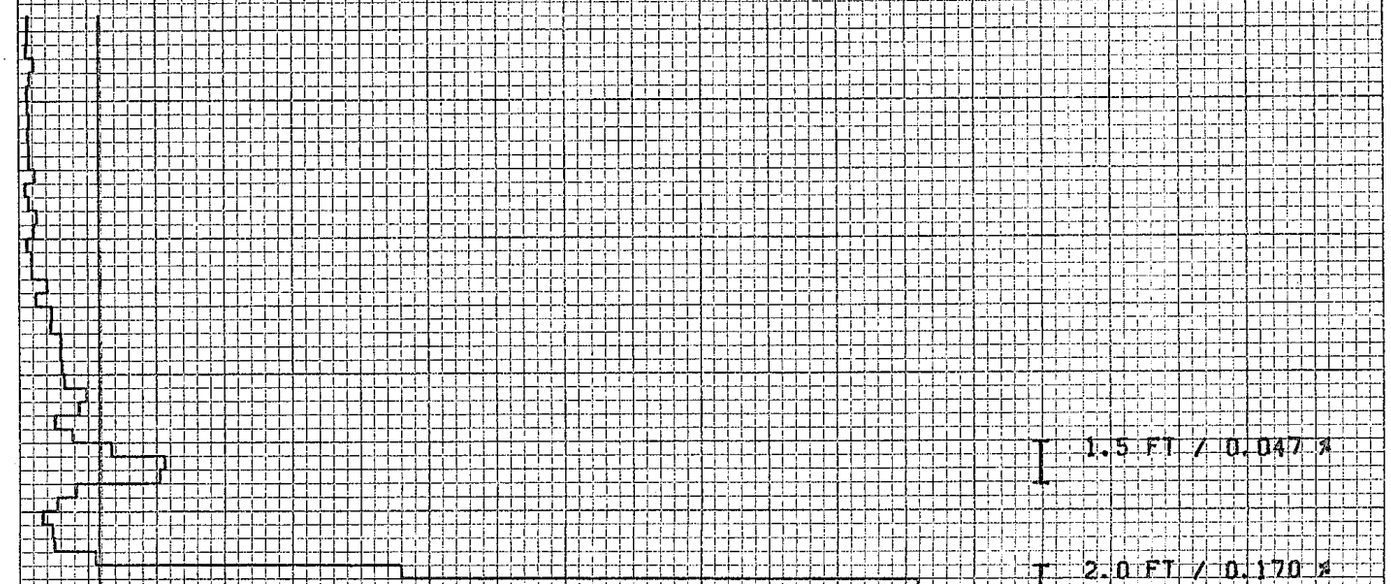
AM 603

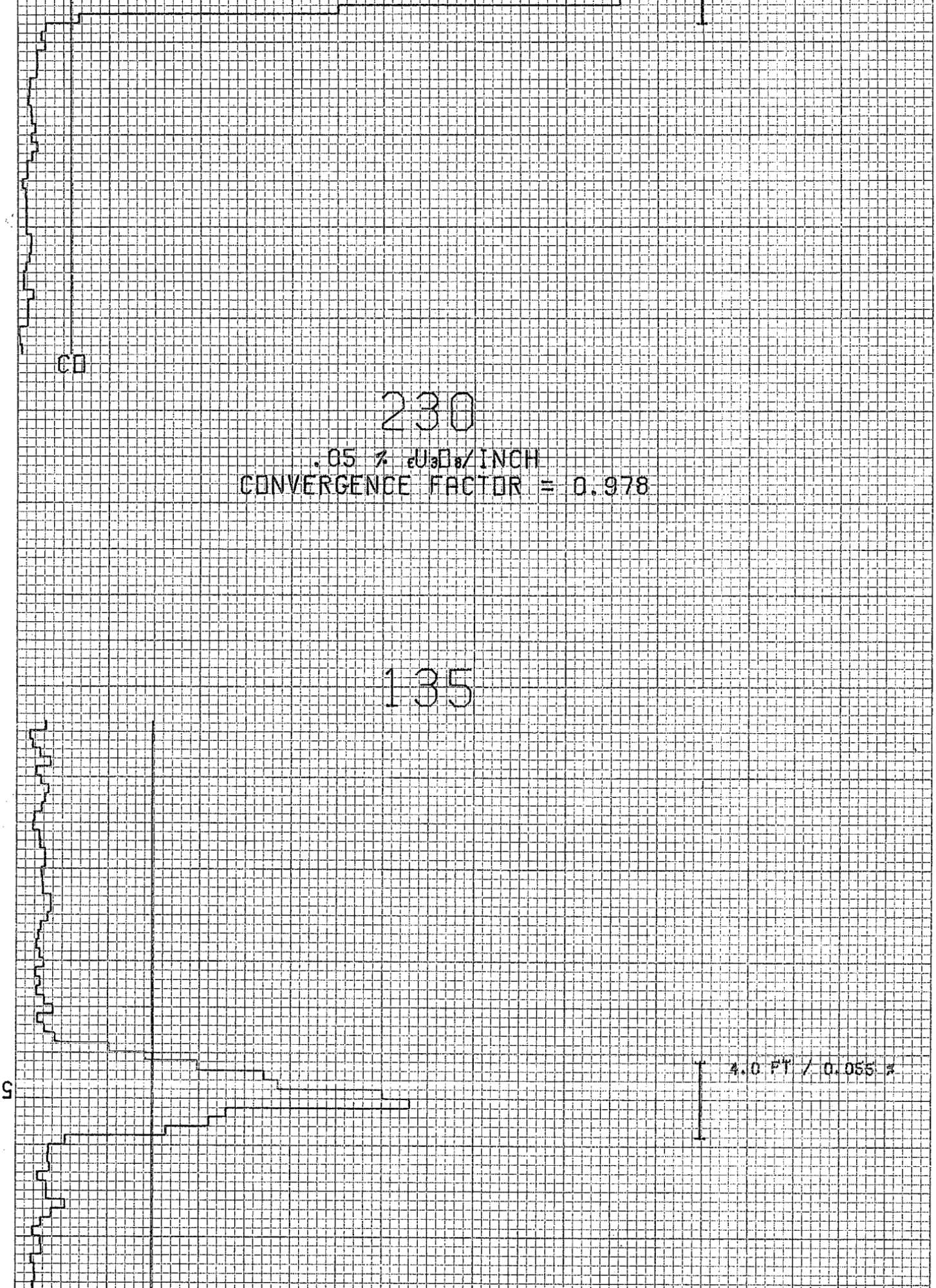
MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH

185




CD
230
.05 % U_3O_8/INCH
CONVERGENCE FACTOR = 0.978
135
4.0 FT / 0.055 %

CO

180

.02 % $_{\varepsilon}U_{3}\square_{B}$/INCH

CONVERGENCE FACTOR = 0.982

Century Geophysical Corporation
Denver, Colo.

C-366-E SP 11748B

DATE: 3-3-78	HOLE NO.: AM 603	T.D. DRILLED: 240 Ft.	
COMPANY: MINERALS EXPLORATION	SEC. / TWP. / RANGE:	BIT SIZE: 5 1/8 In.	CASING: —
BORE HOLE: AM 603	AREA: ANDERSON MINE	BORE HOLE FLUID: H2O + FOAM	
AREA: ANDERSON MINE	COUNTY: YAVAPAI	DENSITY:	VISCOSITY:
COUNTY: YAVAPAI / STATE: ARIZONA	STATE: ARIZONA	RESISTIVITY:	
SECTION / TOWNSHIP / RANGE / LOG MEASURED FROM: GROUND LEVEL	COMPANY: MINERALS EXPLOR	OPERATOR: M. DODGE	
	DATE:	UNIT NO.: 7750	
	TOTAL FOOTAGE LOGGED: 235	LOCATION:	

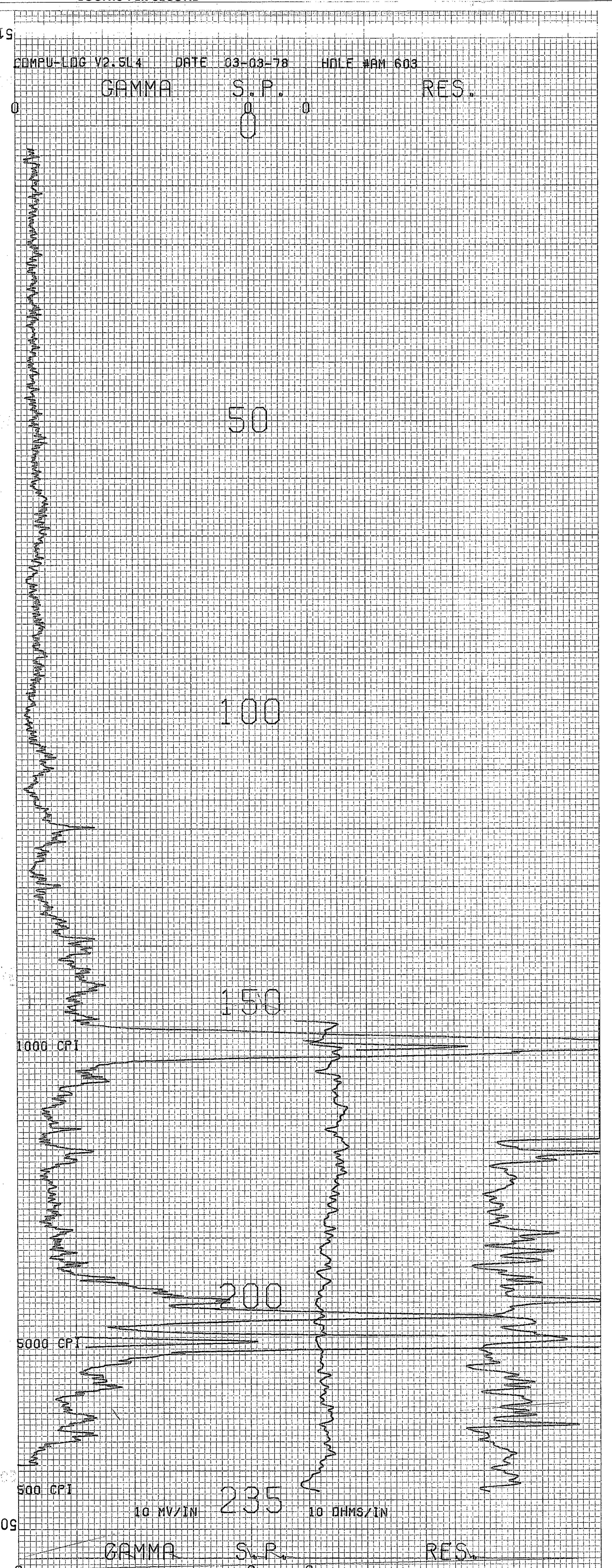
INITIAL RUN		GAMMA RERUNS (Initial run offscale)				
T.D. LOGGED: 235'		SCALE = Cps. Per In	SCALE = Cps. Per In.	SCALE = Cps. Per In.	DRIVE: 0.25 Hrs.	TIME IN: 1430
GAMMA SCALE: =500 Cps. Per In.		T.C. Sec. / LOGGING SPEED Ft./Min.	T.C. Sec. / LOGGING SPEED Ft./Min.	T.C. Sec. / LOGGING SPEED Ft./Min.	STAND BY: 0.5 Hrs.	TIME OUT: 1515
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: 1.5 Hrs.	
SOURCE NO.	SOURCE VALUE	TOTAL	TOTAL	TOTAL	ROUNDTRIP MILEAGE: Miles	
					CHARGEABLE STANDBY: Hrs.	
PROBE NO.: 9057-46	PROBE SIZE: 1 7/8 In.	TRACK USED: #1				
DETECTOR: NaI	TYPE & SIZE: SCINT. XTAL 7/8 x 4	FIELD COPY				
DEAD TIME: 7.1 μ sec.	K FACTOR: 5.5 x 10					
WATER FACTOR: 1.135	AIR FACTOR: 1.00					
RES. SCALE: 10 ohms per 1 inches						
S.P.: 10 Mv/In.						

SELF POTENTIAL — MV +

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS

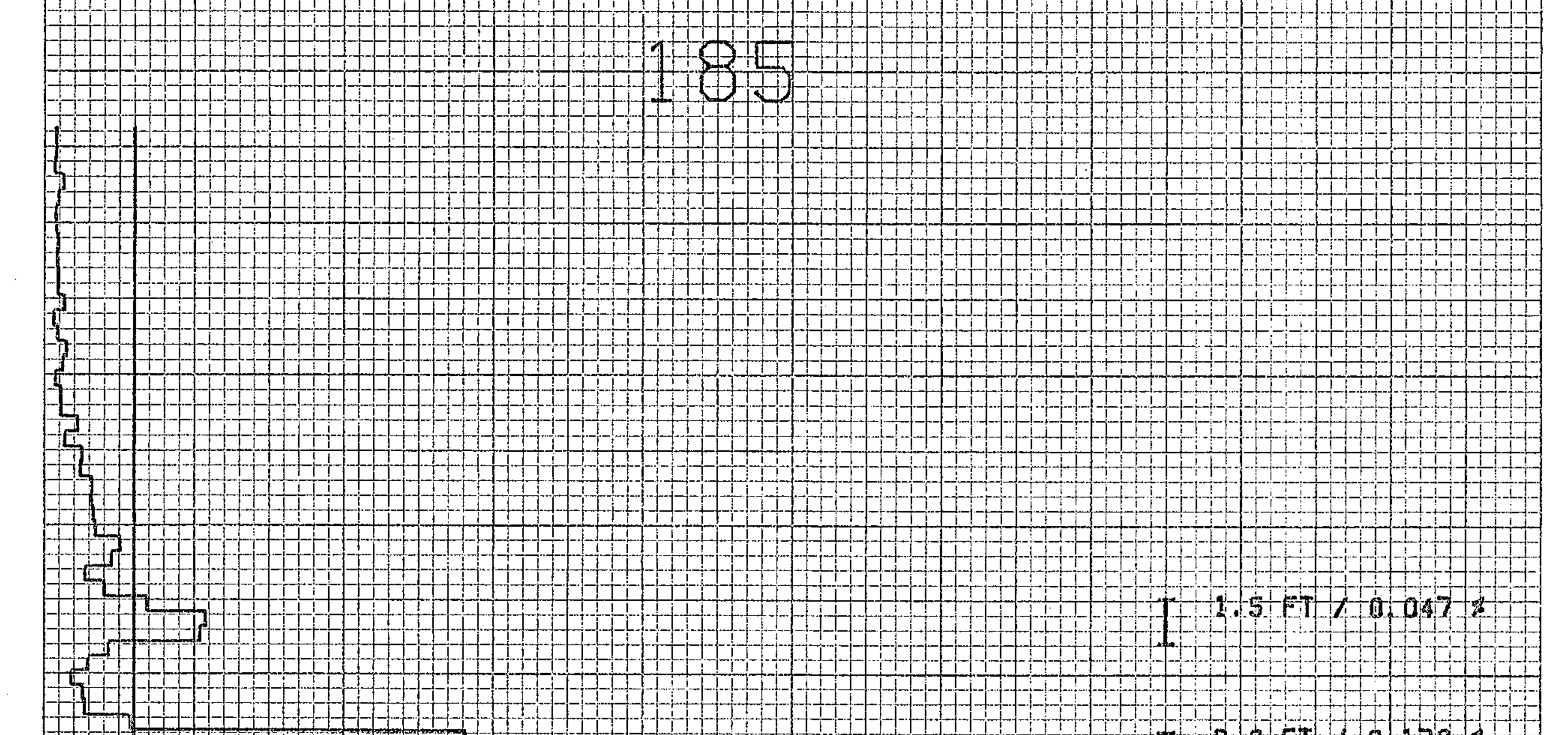


AM 603

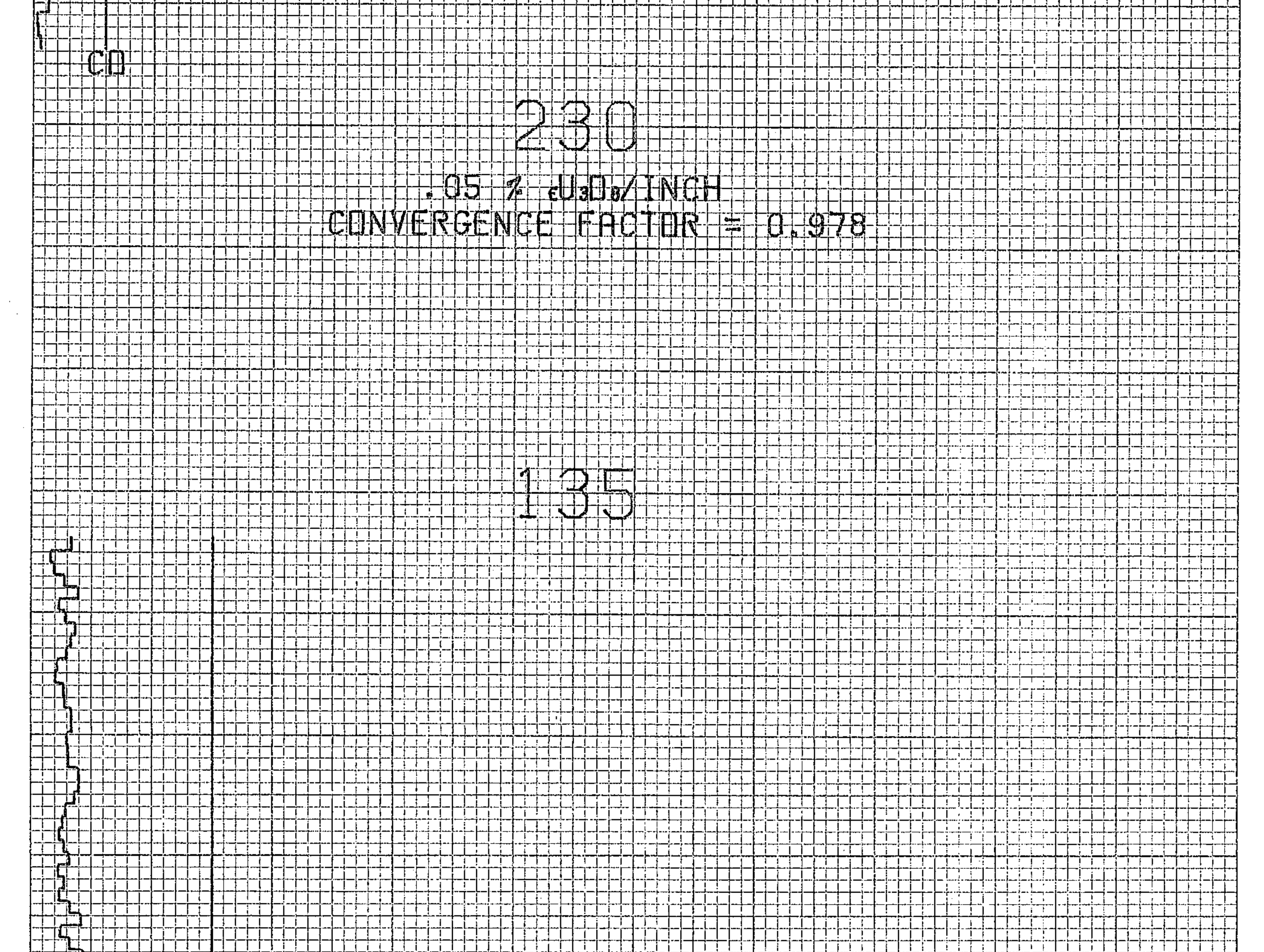
MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH



.05 % eU3O8/INCH
CONVERGENCE FACTOR = 0.978



.02 % eU3O8/INCH
CONVERGENCE FACTOR = 0.982

Denver, Colo.

C-366-E SP 11748B

Field	Entry
DATE	3-5-78
COMPANY	MINERALS EXPLORATION
BORE HOLE	AM 604
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
SECTION	
TOWNSHIP	
RANGE	
LOG MEASURED FROM	GROUND LEVEL

Field	Entry
HOLE NO.	AM 604
SEC. / TWP. / RANGE	
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
COMPANY	MINERALS EXPLOR.
DATE	3-5-78
TOTAL FOOTAGE LOGGED	381
T.D. DRILLED	380'
BIT SIZE	5 1/8 In.
CASING	—
BORE HOLE FLUID	H_2O + FOAM
DENSITY / VISCOSITY	
RESISTIVITY	
OPERATOR	M. DODGE
UNIT NO.	7750
LOCATION	WICKENBERG, AZ
DRIVE	0.25 Hrs.
TIME IN	1700
STAND BY	— Hrs.
TIME OUT	1745
LOGGING	0.75 Hrs.
TOTAL	1.0 Hrs.
ROUNDTRIP MILEAGE	Miles
CHARGEABLE STANDBY	Hrs.

INITIAL RUN

Field	Entry
T.D. LOGGED	381
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 TYPE & SIZE	NaI Scint. Xtal 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	T.C.	LOGGING SPEED	FROM	TO	TOTAL
= Cps. Per In	Sec.	Ft./Min.	Ft.	Ft.	
= Cps. Per In.	Sec.	Ft./Min.	Ft.	Ft.	
= Cps. Per In.	Sec.	Ft./Min.	Ft.	Ft.	

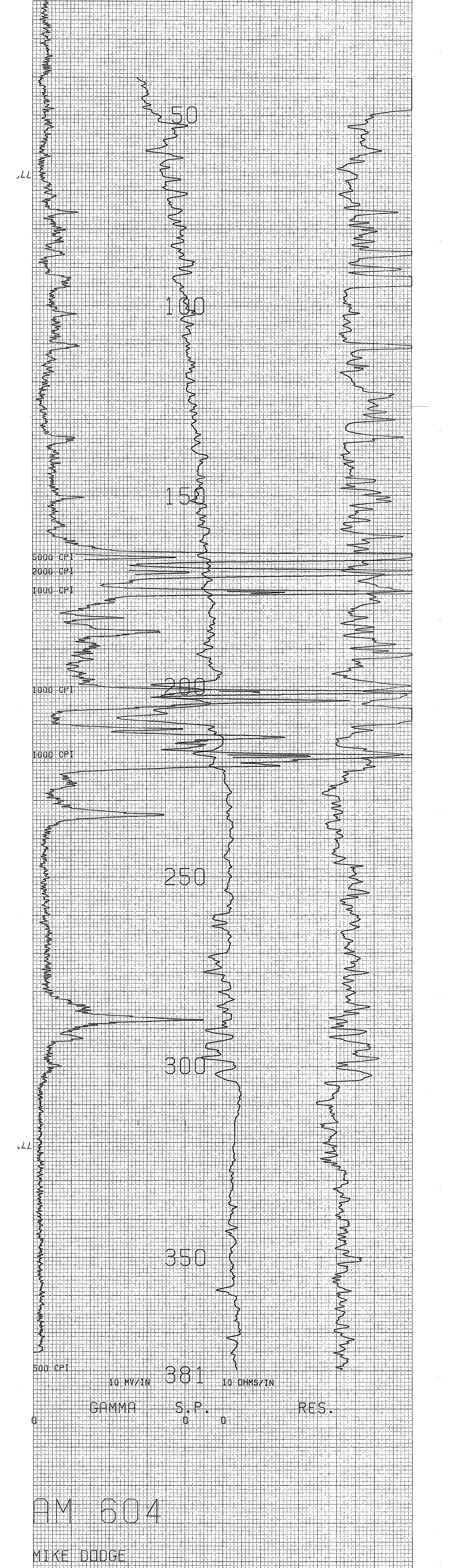
TRACK USED: #3

SELF POTENTIAL — MV +

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS

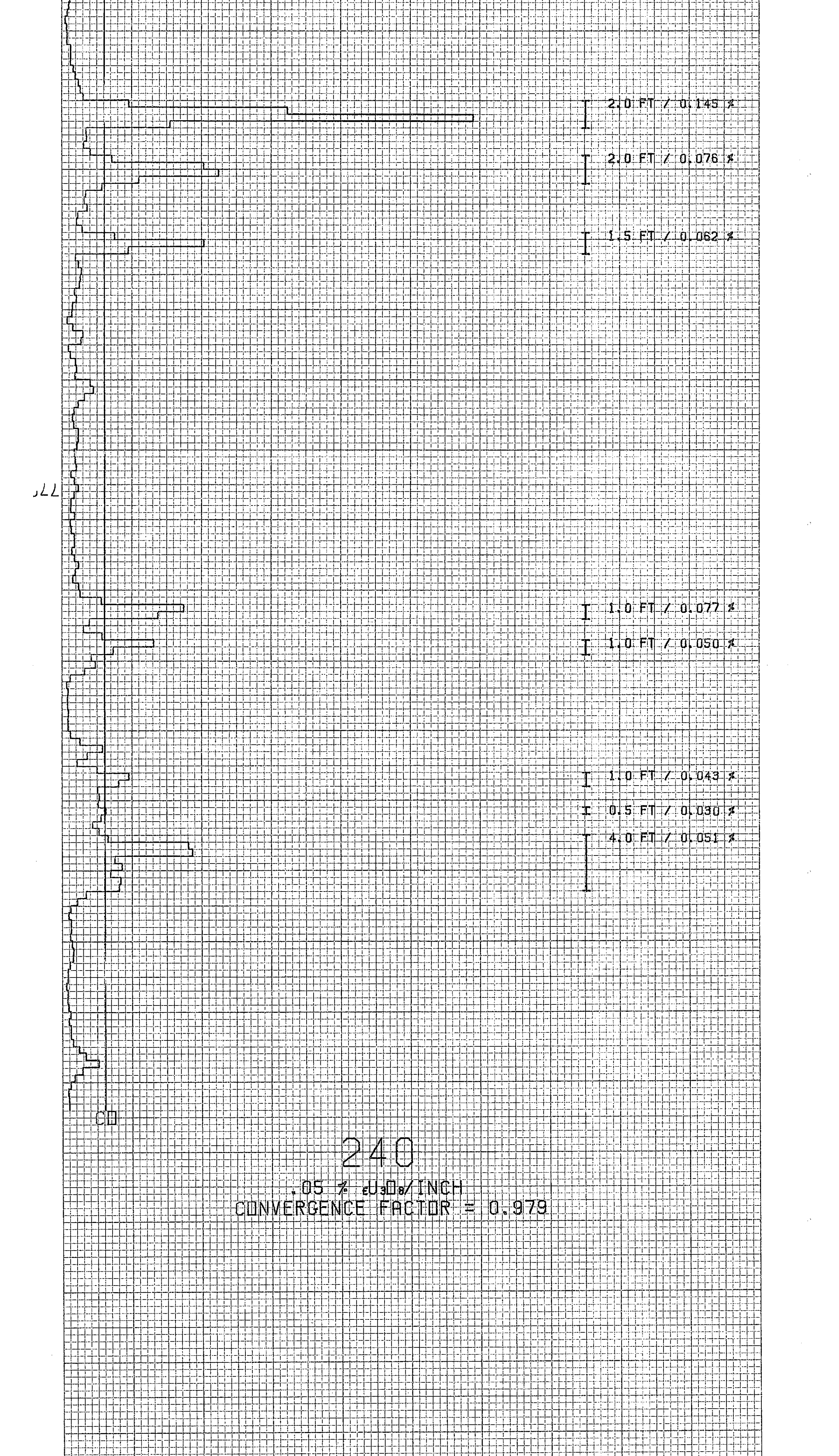


AM 604

MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH



.05 % eU_3O_8/INCH

CONVERGENCE FACTOR = 0.979

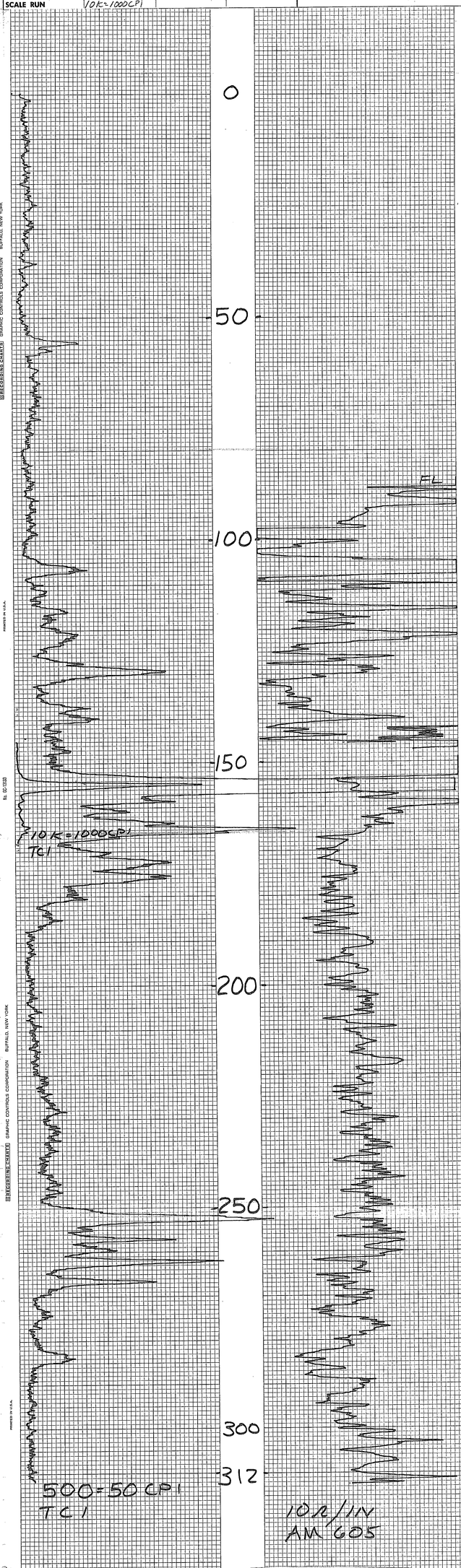
MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM 605

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI **STATE** AZ
GP.	**ELEV.**
SEC.	**TWP.** **RGE.**

DATE	2-27-78		
DEPTH DRILLED	312		
DEPTH LOGGED	312		
FOOTAGE LOGGED	335		
HOLE DIAMETER	5⅞		
WATER FACTOR	1.12		
RESISTIVITY	10 OHMS/INCH		
SELF POTENTIAL	— M.V./IN.		
RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	168		
TOP	145		
TOTAL FEET	23		
SCALE RUN	10K=1000CPI		

GAMMA SCALE	500=50 CPI
PROBE TYPE	SCINT
K-FACTOR	6.00 E-5
DEAD TIME	9.4 µs
TIME CONSTANT	1 sec
PROBE DIA.	
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	ERICKSON
DRILLER	
CONTRACTOR	HARRIS
LAST A.E.C. PIT RUN	
FLUID LEVEL	88'
REMARKS:	



MINERALS EXPLORATION CO.

CASPER, WYOMING

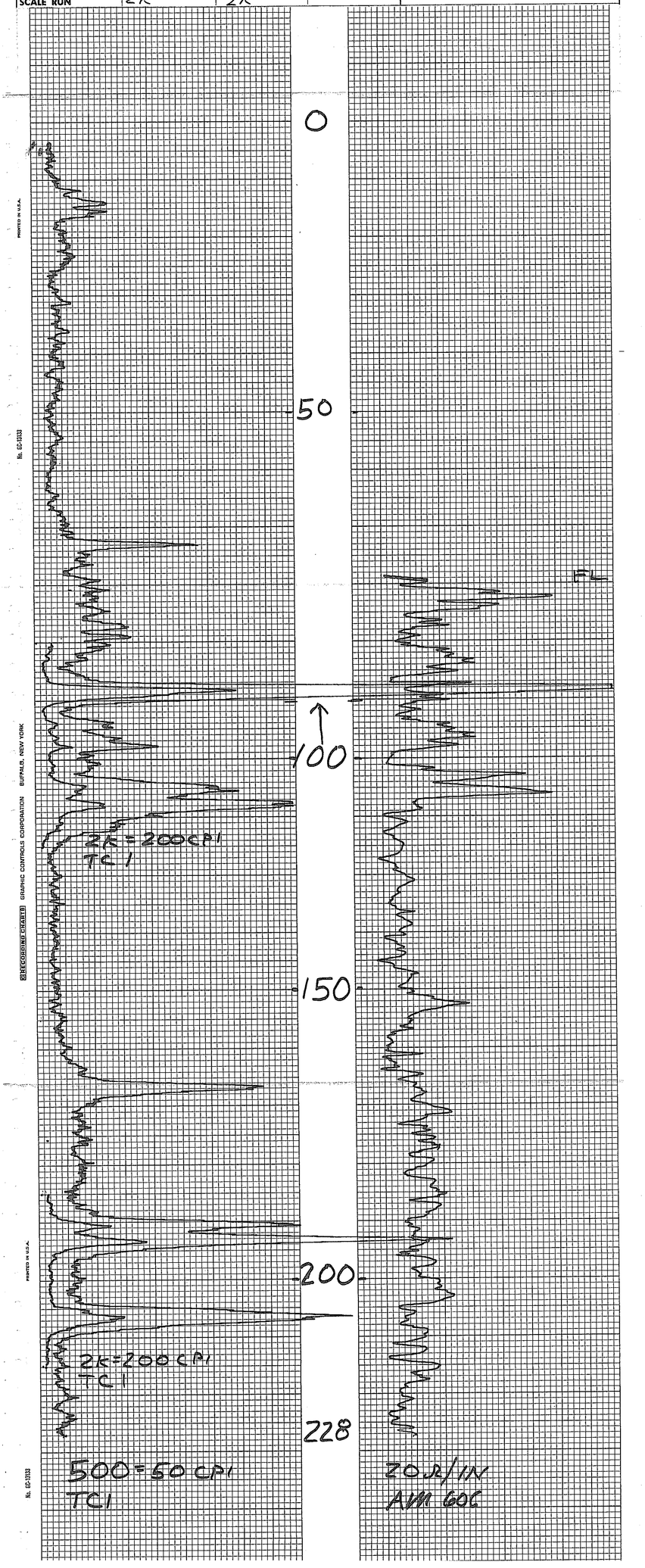
HOLE NO. AM 606

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI STATE AZ
GP.	ELEV.
SEC.	TWP. RGE.

DATE	3-20-78
DEPTH DRILLED	230
DEPTH LOGGED	228
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	215	125	
TOP	185	90	
TOTAL FEET	30	35	
SCALE RUN	2K	2K	

GAMMA SCALE	500 = 50CPI
PROBE TYPE	SCINT
K-FACTOR	6.88 E-5
DEAD TIME	9.4 MS
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
OPERATOR	ERICKSON
DRILLER	JIM
CONTRACTOR	COBRA
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	80'
REMARKS:	



MINERALS EXPLORATION CO.

CASPER, WYOMING

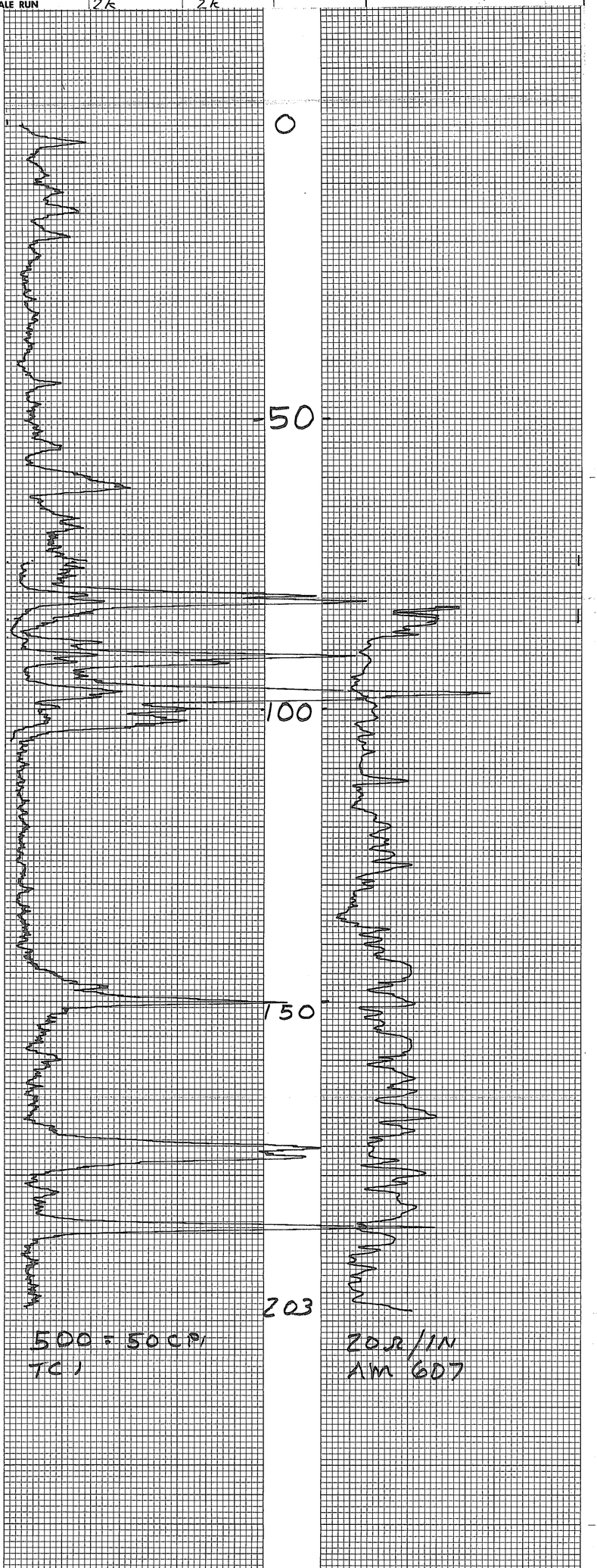
HOLE NO. AM 607

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI STATE AZ
GP.	ELEV.
SEC.	TWP. RGE.

DATE	3-1-78
DEPTH DRILLED	205
DEPTH LOGGED	204
FOOTAGE LOGGED	234
HOLE DIAMETER	5"
WATER FACTOR	1.2
RESISTIVITY	20 OHMS/INCH
SELF POTENTIAL	— M.V./IN.

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	105	85	
TOP	85	75	
TOTAL FEET	20	10	
SCALE RUN	2k	2k	

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



MINERALS EXPLORATION CO.

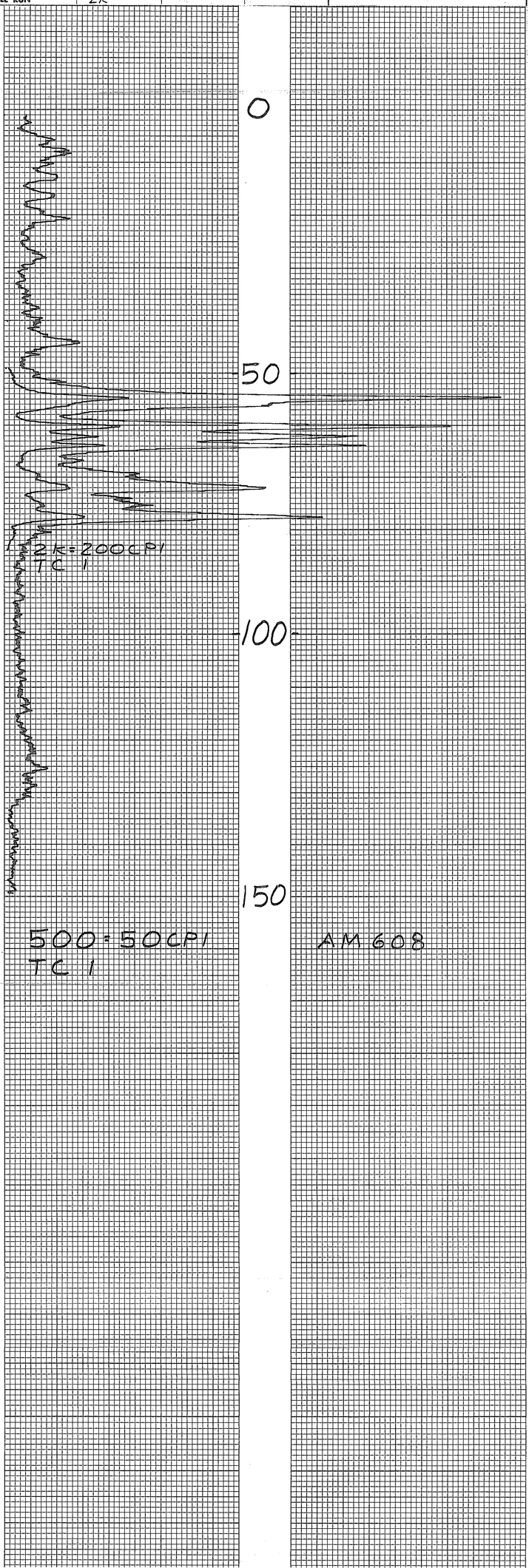
CASPER, WYOMING

HOLE NO. AM 608

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI STATE AZ
GP.	ELEV.
SEC.	TWP. RGE.
DATE	3-30-78
DEPTH DRILLED	150
DEPTH LOGGED	150
FOOTAGE LOGGED	
HOLE DIAMETER	6
WATER FACTOR	–
RESISTIVITY	– OHMS/INCH
SELF POTENTIAL	– M.V./IN.

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	85		
TOP	50		
TOTAL FEET	35		
SCALE RUN	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	ED
CONTRACTOR	VENTURE
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	
REMARKS:	



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No. 62-1303

MINERALS EXPLORATION CO.

CASPER, WYOMING

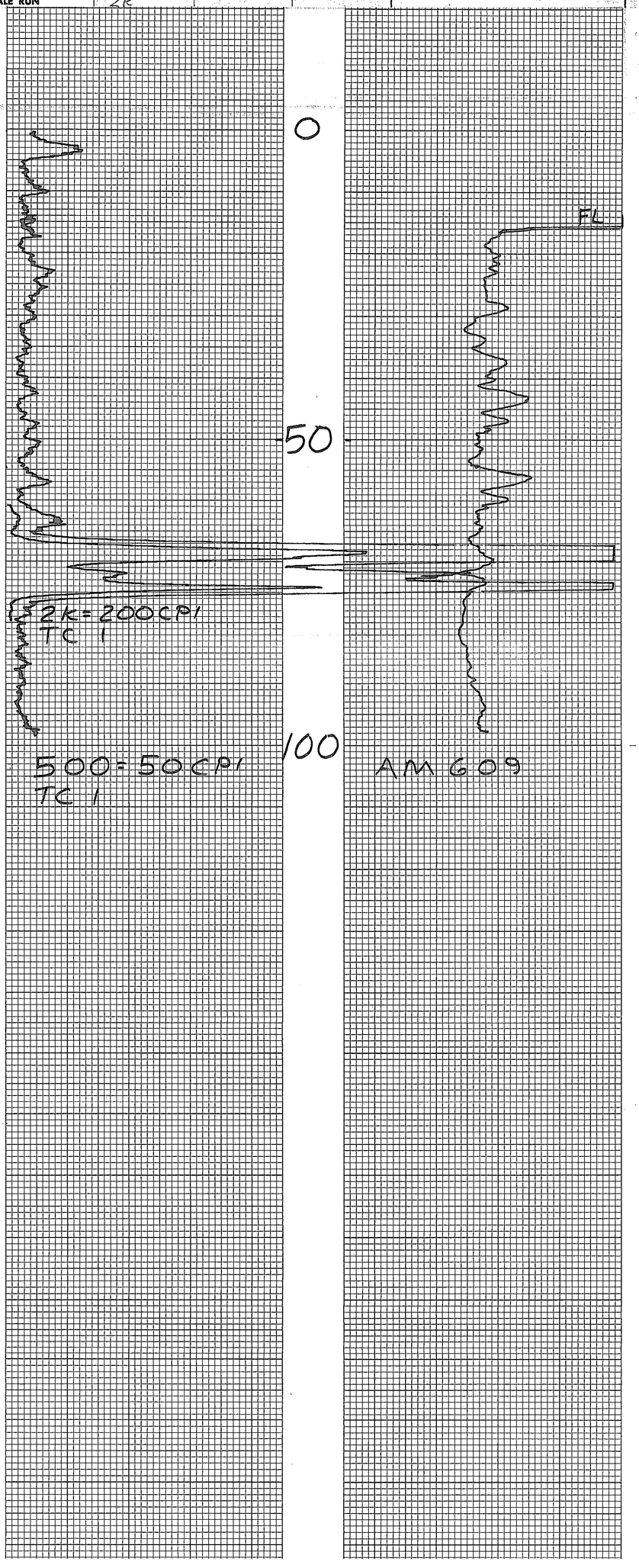
HOLE NO. Am 609

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	AZ
GP.		ELEV.	
SEC.	TWP.	RGE.	

DATE	3-30-78
DEPTH DRILLED	100
DEPTH LOGGED	100
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	80		
TOP	60		
TOTAL FEET	20		
SCALE RUN	2K		

GAMMA SCALE	500-50 CPI
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	15
REMARKS:	



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MINERALS EXPLORATION CO.

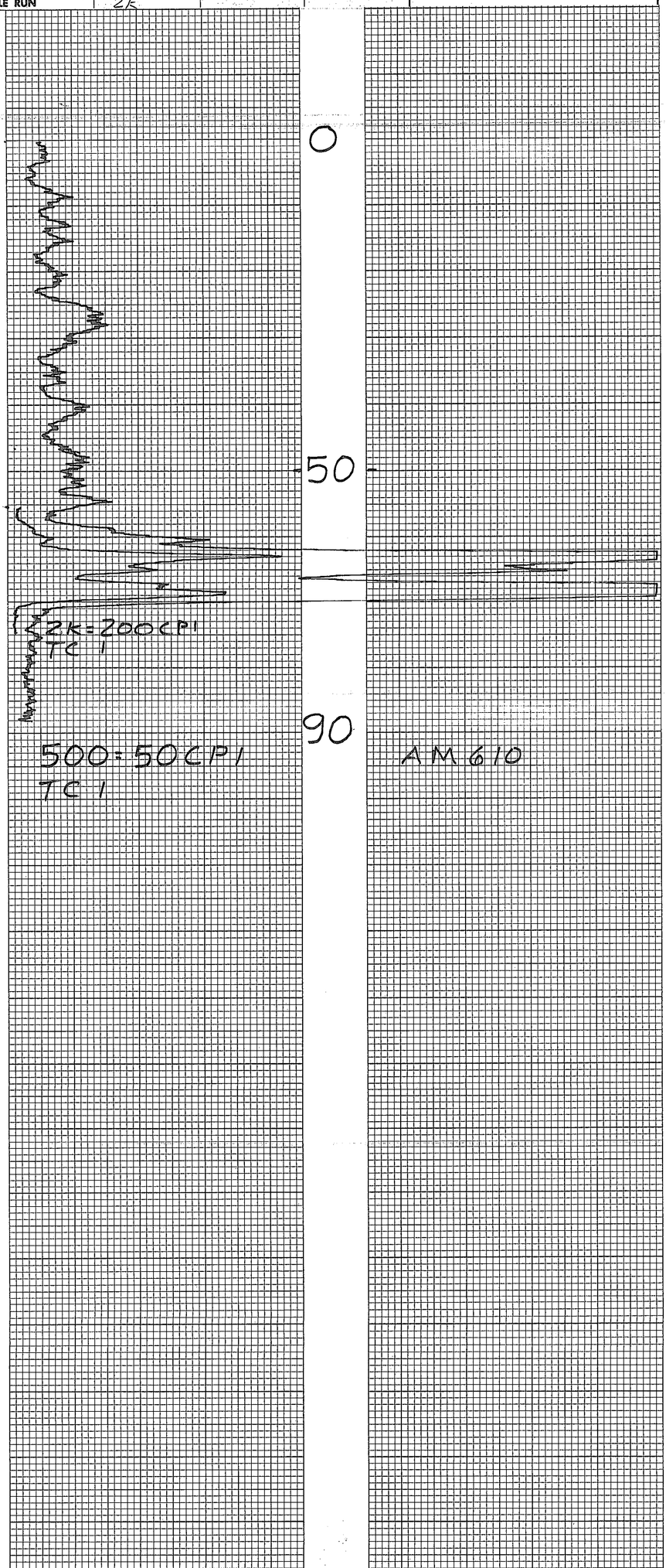
CASPER, WYOMING

HOLE NO. AM 610 (6800)

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI STATE AZ
GP.	ELEV.
SEC.	TWP. RGE.
DATE	4-1-78
DEPTH DRILLED	90
DEPTH LOGGED	90
FOOTAGE LOGGED	
HOLE DIAMETER	6
WATER FACTOR	–
RESISTIVITY	– OHMS/INCH
SELF POTENTIAL	– M.V./IN.

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

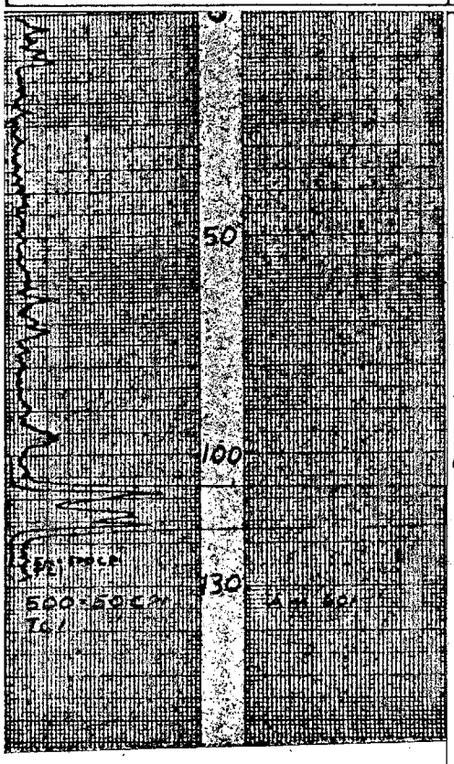
GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	6.00 E-5
DEAD TIME	9.2 µs
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	–
DIRECTIONAL SURVEY	–
TEMPERATURE	–
OPERATOR	ERICSON
DRILLER	DENNIS
CONTRACTOR	VENTURE
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	
REMARKS:	

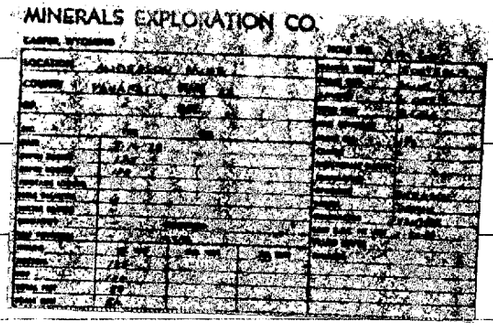


PROJECT Anderson Mine HOLE SIZE ____ ☑ AIR ☐ WATER HOLE NO. AM 601

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CZH DATE 3-16-78

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 130 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	0					Silicified Sltst, Gry, Brn & Purple Brn Chert
	20					Sltst, Tan
						wht Calc Tuff Silicified w/wht Chert
	40					Sltst, Tan Gry Bentonite Lower 10'
	60					Silicified Sltst, Gry Grn to Gry
	80					
	100					Sltst, Yel Tan
						Carbonaceous Sltst + lignite Blk
	120					Sltst Gry
	130					Sltst, Red Brn Andesitic Volcanic Frags
	140					
	160					
	180					
	200					
	220					
	240					
	260					
	280					
	300					
	320					
	340					
	360					
	380					
	400					
	420					
	440					
	460					
	480					
	500					

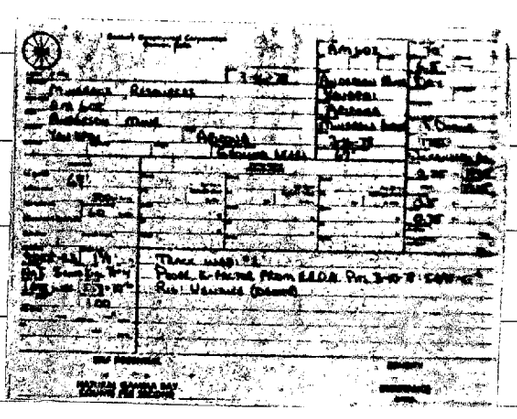


PROJECT Anderson Mine HOLE SIZE ____ ☑ AIR ☐ WATER HOLE NO. AM 602

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CEH DATE 3-16-78

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 70 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
50 / 57 / GAMMA S.P. RES. / AM 602 / MIKE DODGE	20, 40, 60, 70, 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, 00					sltst Grn w/brkd silicified cherty layers Lt Brn, Gry + Wht chert silicified sltst Gry Tan sltst, Grn Tan silicified sltst, Gry, Lt Brn + Gay Chert sltst Grn Andesitic Volcanics, Gry Brn



PROJECT ANDERSON MINE HOLE SIZE ☐ AIR ☑ WATER HOLE NO. AM 603

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

SECTION TOWNSHIP RANGE T.D. 240' P.D.

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	0					conglomerate brownish gray silt, sand, gravel
	20					brown to greenish brown silt and fine-med gran. sand,
	40					
	60					
	80					
	100					sandy zone olive green mudstone, siliceous zones, white calc zones
	120					
	140					
	160					
	180					
	200					carbonaceous zone grey to black mudstone, lignite zones.
	220					lignite zones + frags.
	240					red brown to red mudstone, abundant andesite frags

GEOPHYSICAL LOG: 0 / 50 / 100 / 150 / 200 / 235 / 240

1000 CPS · 500 CPS · 10 MV/IN · 0 OHMS/IN

GAMMA SP RES

AM 603

MKF DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH

185 · 230 · 135 · 180

.05 = .XX/INCH

CONVERGENCE FACTOR = 0.978

.02 = .XX/INCH

CONVERGENCE FACTOR = 0.982

Century Geophysical Corporation, Denver, Colo.

MINERALS EXPLORATION

AM 603

ANDERSON MINE

YAVAPAI ARIZONA

3-3-78

AM 603 · ANDERSON MINE · YAVAPAI · ARIZONA · MINERALS EXPLR. · M. DODGE · 7750

240 · 235 · 600 · 60

0.25 = 4930 · 0.5 = 1515 · 0.75 = · 1.5 =

9055-46 · UNI SCINTAREL · L135 · 10 · 1 · 10

TRACK USED: #1

PROJECT ANDERSON MINE HOLE SIZE ☐ AIR ☑ WATER HOLE NO. AM 604

ELEVATION NORTH EAST LOGGED BY K. TAYLOR DATE 3/5/78

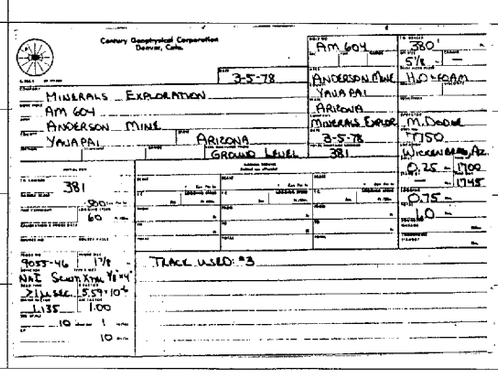
SECTION TOWNSHIP RANGE T.D. 380' P.D.

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						red brown to greenish brown silt, sand, gravel
						green/brown mudstone
						brownish green mudstone, siliceous zones, white calcareous (ls?) zone
						white calcareous silty ls? zone
						siliceous zone
						lignite zone
						carbonaceous zone, green, grey, dk green mudstone lignite zones
						lignite zone
						lignite zone
						olive green to brownish green mudstones
						blue grey to blue green mudstone
						light grey volcanics; waxy appearance black flecks, soft to dk grey med hard.

GAMMA 0 S.P. 0 RES.

AM 604

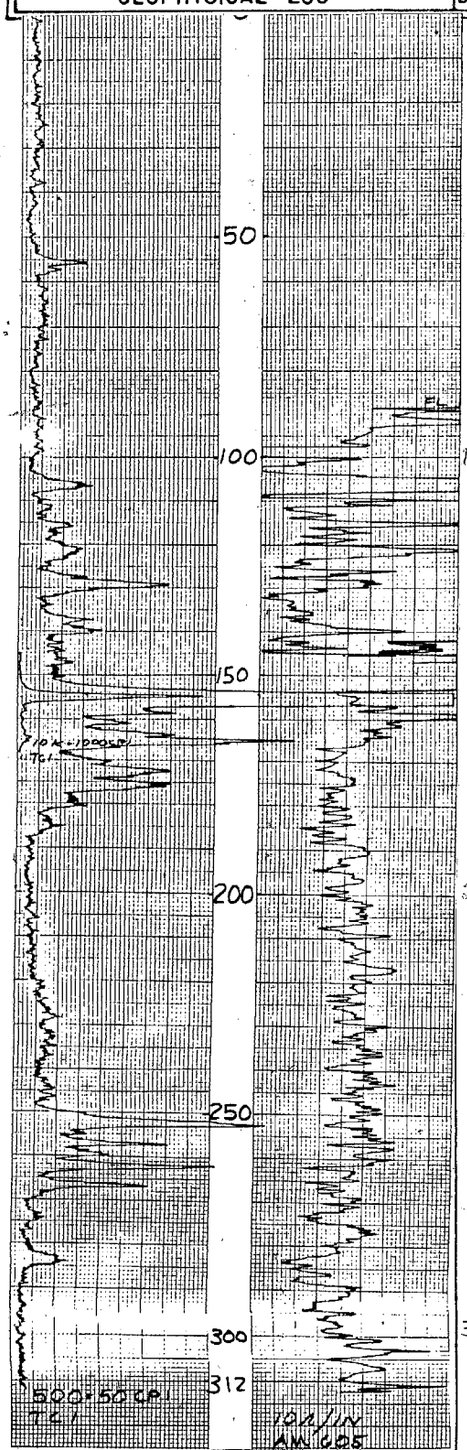
MIKE DODGE



PROJECT ANDERSON MINE HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM605

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY K. TAYLOR DATE 2/27/78

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 310 P.D. ____



DEPTH	P	C	A
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			

STRIP LOG

LITHOLOGY LOG

conglomerate - silt, sand, gravel; red brown

brownish green mudstone, white (tuffaceous?) limey layers

siliceous zone

lignite

lignite

carbonaceous zone, green mudstns, siliceous zones

lignitic

grey green - brownish green mudstones & red brown mudstns.

light green, blue green, orangish yellow, red brown mudstones

red mudstone, andesitic sand

andesite frags

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI STATE AZ
GP.	ELEV.
SEC.	TWP. RGE.
DATE	2-27-78
DEPTH DRILLED	312
DEPTH LOGGED	312
FOOTAGE LOGGED	235
HOLE DIAMETER	5 7/8
WATER FACTOR	1.12
RESISTIVITY	10 OHMS/INCH
SELF POTENTIAL	— M.V./DIV.
RUNS	1ST. RUN / 2ND. RUN / 3RD. RUN
BOTTOM	165
TOP	145
TOTAL FEET	23
SCALE RUN	100'/1000 CPI

HOLE NO.	AM605
GAMMA SCALE	500-50 CPI
PROBE TYPE	SCINT
K-FACTOR	6.88 E-5
DEAD TIME	9.4 uS
TIME CONSTANT	1 sec
PROBE DIA.	
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	ERICKSON
DRILLER	
CONTRACTOR	HARRIS
LAST A.E.C. PIT RUN	
FLUID LEVEL	88'
REMARKS	

PROJECT Anderson Mine HOLE SIZE ____ ☑ AIR ☐ WATER HOLE NO. AM 606

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CZH DATE 3-2-78

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 230 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Wht calc Tuff + Silicified Sltst, Red Brn chert
	20					Sltst, Grn, Bentonitic
						Silicified, Sltst Grn, Gry chert
						Wht calc Tuff Bentonite
	40					Sltst, Silicified, Gry chert
						Sltst, Grn, Bentonitic
	60					
						Sltst, Silicified, Brn chert
	80					SS Grn, V. Fine, Sorting Good
						Sltst Grn Silicified Gry + Grn Chert
	100					Lignite + Carbonaceous Sltst Blk to Gry Brn
						Sltst, Grn Tan
	20					Lignite + Carbonaceous Sltst
						Sltst, Gry Brn, Weathered Volcanics?
	40					Sltst, Brn Red
						Sltst, Gry Tan to Grn
	60					Sltst, Grn
						Sltst, Tan Grn
	80					Sltst Yel Tan to Brn Grn
						Carbonaceous Sltst + Lignite
	200					Tan Sltst
						Carbonaceous Sltst Gry to Blk
	20					Sltst, Red Orange, Andesitic Volcanics
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE	HOLE NO.	AM 606
COUNTY	YAVAPAI STATE AZ.	GAMMA SCALE	500 + 50 CPS
GP.	ELEV.	PROBE TYPE	SCINT
SEC.	TWP. RGE.	K FACTOR	6.88E-5
DATE	3-20-78	DEAD TIME	9.4 μs
DEPTH DRILLED	230	TIME CONSTANT	1 sec
DEPTH LOGGED	228	PROBE DIA.	1 5/8
FOOTAGE LOGGED		CALIPER	—
HOLE DIAMETER	5 7/8	DIRECTIONAL SURVEY	—
WATER FACTOR	1.2	TEMPERATURE	—
RESISTIVITY	20 OHMS/INCH	OPERATOR	ERICSON
SELF POTENTIAL	— M.V./IN.	DRILLER	JIM
	1ST. RUN / 2ND. RUN / 3RD. RUN	CONTRACTOR	COBRA
RERUNS		LAST A.E.C. PIT RUN	2-24-78
BOTTOM	215 / 125	FLUID LEVEL	80'
TOP	185 / 90	REMARKS:	
TOTAL FEET	30 / 35		
SCALE RUN	2K / 2K		

PROJECT Anderson Mine HOLE SIZE ____ ☑ AIR ☑ WATER HOLE NO. AM 607

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CJH DATE 3-1-78

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 205 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
50						slt st, Grn Calc slt st, Grn Wht
	20					slt st, Grn, Thin Intbd Ls wht, w/ Gry & Grn Chert
	40					Wht Calc Tuff, Ls, Red brn & Gry Chert
	60					slt st, Grn, w/ Gry Chert
	80					– Lignite Carb slt st & Lignite – Lignite
100	100					Brn, slt st
	20					slt st, Red Brn
	40					slt st, Brn
150	60					slt st, Grn
						Lignite & Carb slt st Gry to Blk
	80					ss, Med, Pal Tan, Carb Com
						Carbonaceous slt st, Gry, Intbld Grn slt st
203	200					Pal Tan slt st slt st Red Andesitic Volcanics
500 + 50 CPS TC 1						20 IN/MIN AM 607

MINERALS EXPLORATION CO.

CASPER, WYOMING HOLE NO. AM 607

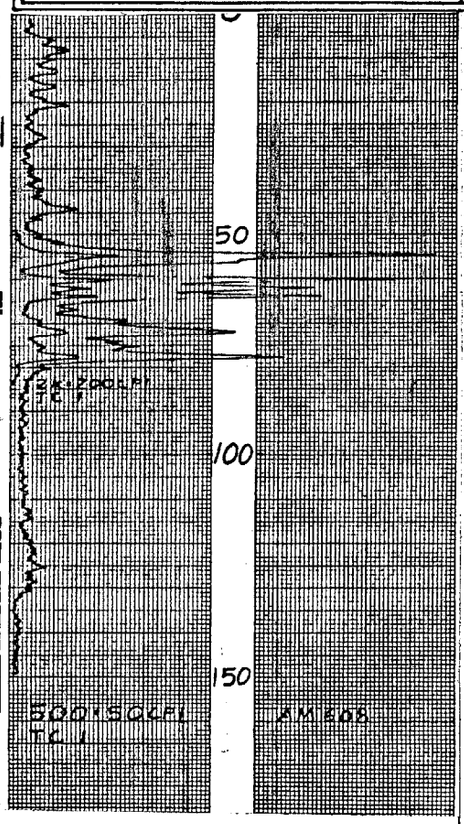
LOCATION	ANDERSON MINE			GAMMA SCALE	600 = 50 CPS
COUNTY	YAVAPAI STATE AZ			PROBE TYPE	SCINT
QR.	ELEV.			K FACTOR	6.00 E-6
SEC.	TWP.	RNG.		DEAD TIME	9 μ sec
DATE	3-1-78			TIME CONSTANT	1 sec
DEPTH DRILLED	205			PROBE DIA.	1 5/8
DEPTH LOGGED	204			CALIPER	–
FOOTAGE LOGGED	234			DIRECTIONAL SURVEY	–
HOLE DIAMETER	5"			TEMPERATURE	–
WATER FACTOR	1.2			OPERATOR	DIM
RESISTIVITY	20 OHMS/INCH			DRILLER	UNKNOWN
SELF POTENTIAL	– M.V./IN.			CONTRACTOR	
RUNS	1ST. RUN	2ND. RUN	3RD. RUN	LAST A.E.C. PIT RUN	2-24-78
BOTTOM	105	85		FLUID LEVEL	70'
TOP	85	75		REMARKS:	
TOTAL FEET	20	10			
	24	24			

PROJECT Anderson Mine HOLE SIZE ____ ☑ AIR ☐ WATER HOLE NO. AM 608

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CEH DATE 3-30-78

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 150 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	0					Sltst, Tan, Silicified, Yel Tan Chert
	20					Wht calc Tuff Yel Brn chert
						Sltst, Grn
	40					Silicified Sltst, Yel Brn chert, Intbd Wht Calc Tuff
	60					Lignite and Carbonaceous Sltst Blk
	80					Sltst Red Brn V. Weathered Volcanic Frags
	100					Sltst Grn to Yel Grn
	120					Sltst Red Brn w/ Andesitic Frags Red Brn to Gry Br.
	140					Sltst Agglomerate Andesitic Frags, Fresher ↓
	160					
	180					
	200					
	220					
	240					
	260					
	280					
	300					
	320					
	340					
	360					
	380					
	400					
	420					
	440					
	460					
	480					
	500					



MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE	HOLE NO.	AM 608
COUNTY	NAVAJO STATE AZ	GAMMA SCALE	500 CPM
QD.	ELEV.	PROBE TYPE	SC-117
SEC. TWP. RGE.		SPACING	6.00 E-R
DATE	3-30-78	LEAD WIRE	32 mil
DEPTH DRILLED	150	WIRE CONSTANT	1
DEPTH LOGGED	150	PROBE DIA.	1 5/8
FOOTAGE LOGGED		CASING	–
HOLE DIAMETER	6	ENVIRONMENTAL SURVEY	–
MUD FACTOR	–	TEMPERATURE	–
RESISTIVITY	–	OPERATOR	E RICHARDS
SELF POTENTIAL	–	LOGGED	ED
CASING		CONTRACTOR	VEATCH
BOTTOM	RE	LAST A.S.C. PD SHOE	2-27-78
TOP	ED	FLUID LEVEL	
TOTAL PIPE	RE	REMARKS	
SCALE SHOE	ED		

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 609

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CEH DATE 3-30-76

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 100 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Silicified Sltst, Gry to Gry Tan, Yel Tan and Gry Chert
						Bentonite, Gry wht
						Silicified Sltst, wht Tan, Yel Brn Chert
						Sltst Grn
					5gpm H-20	wht calc Tuff Brn to Lt Brn chert
						Silicified Sltst & Grn, Brn & Lt Tan
						Sltst, Grn
						— Bentonite, wht, Brn chert
						wht calc Tuff, Brn & DK Brn chert
						Carbonaceous Sltst & Lignite DK Gry to BK
						Sltst Grn
					25-35 gpm	Sltst Agglomerate Red Brn w/ Weathered Andesite Frags
						Andesitic Volcanics, Gry Brn
	TD					

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI STATE AZ
ELEV.	
DATE	2-20-76
BOTTOM DRILLER	100
BOTTOM LOGGER	100
HOLE DIAMETER	6
WATER FACTOR	.65
SALINITY	80
MUD RESISTIVITY	—
SP	80
16" NORM	40
64" NORM	20
SCALE SPR	25

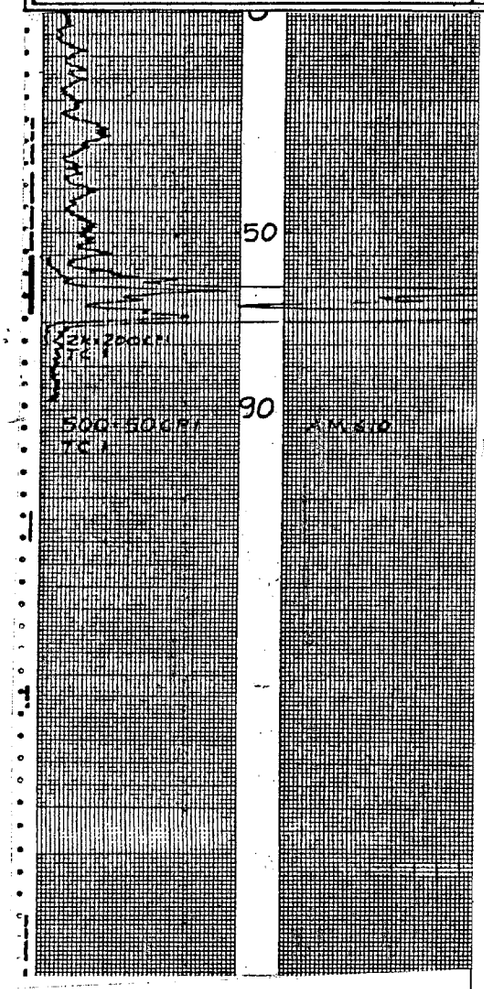
PROJECT ANDERSON MINE **HOLE SIZE** ____ ☒ ~~AIR~~ ☐ WATER **HOLE NO.** AM 610

ELEVATION ____ **NORTH** ____ **EAST** ____ **LOGGED BY** K. TAYLOR **DATE** 4/1/78

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 90 **P.D.** ____

VENTURE

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



DEPTH: 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

green mudstone & grey siliceous mudstn

green to brownish green siliceous mudstn

green to grey green siliceous mudstn, brown chert

dk grey brown to dk grey mudstn, carbonaceous

interbd grey brown to grey & green mudstn

interbd red brown & green mudstn

red brown mudstn, dk grey andesite frags

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. Am 610

LOCATION	ANDERSON MINE			GAMMA SCALE	500:50CPI
COUNTY	YAVAPAI	STATE AZ		PROBE TYPE	[illegible]
DIP.		ELEV.		K-FACTOR	6.00 E-5
SEC.	TWP.	RGE.		DEAD TIME	[illegible]
DATE	4-1-78			TIME CONSTANT	1
DEPTH DRILLED	90			PROBE DIA.	1¾
DEPTH LOGGED	90			CALIPER	-
[illegible] LOGGED				DIRECTIONAL SURVEY	-
HOLE DIAMETER	6			TEMPERATURE	-
WATER FACTOR	-			OPERATOR	Erickson
SENSITIVITY	-	OHMS/INCH		DRILLER	Dennis
SELF POTENTIAL	-	MV/IN.		CONTRACTOR	Venture
READINGS	1ST. RUN	2ND. RUN	3RD. RUN	LAST A.E.C. PIT RUN	4-15-78
BOTTOM	75			FLUID LEVEL	
TOP	51			REMARKS	
TOTAL FEET	20				
SCALE [illegible]	26				