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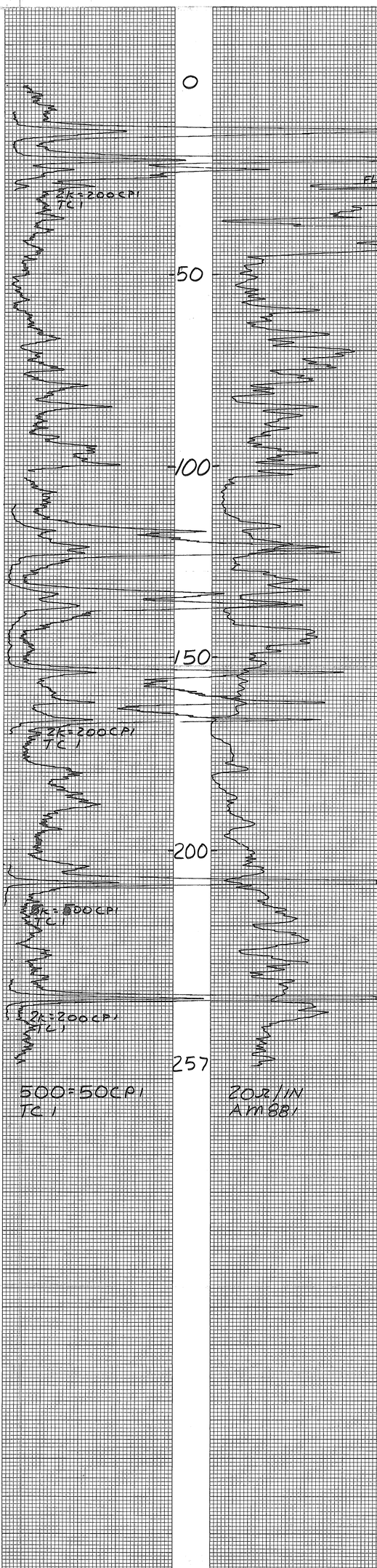
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM881

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPI
COUNTY	YAVAPAI STATE AZ	PROBE TYPE	SCINT
GP.	ELEV.	K-FACTOR	6.00E-5
SEC.	TWP. RGE.	DEAD TIME	9.2 μs
DATE	4-3-78	TIME CONSTANT	1
DEPTH DRILLED	260	PROBE DIA.	1 5/8
DEPTH LOGGED	257	CALIPER	–
FOOTAGE LOGGED		DIRECTIONAL SURVEY	–
HOLE DIAMETER	5 1/8	TEMPERATURE	–
WATER FACTOR	1.2	OPERATOR	ERICKSON
RESISTIVITY	20 OHMS/INCH	DRILLER	AL
SELF POTENTIAL	– M.V./IN.	CONTRACTOR	UNIVERSAL
		LAST A.E.C. PIT RUN	2-24-78
		FLUID LEVEL	25

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS: 4th Run
BOTTOM	245	215	170	30
TOP	235	205	110	5
TOTAL FEET	10	10	60	25
SCALE RUN	2K	2K	2K	2K

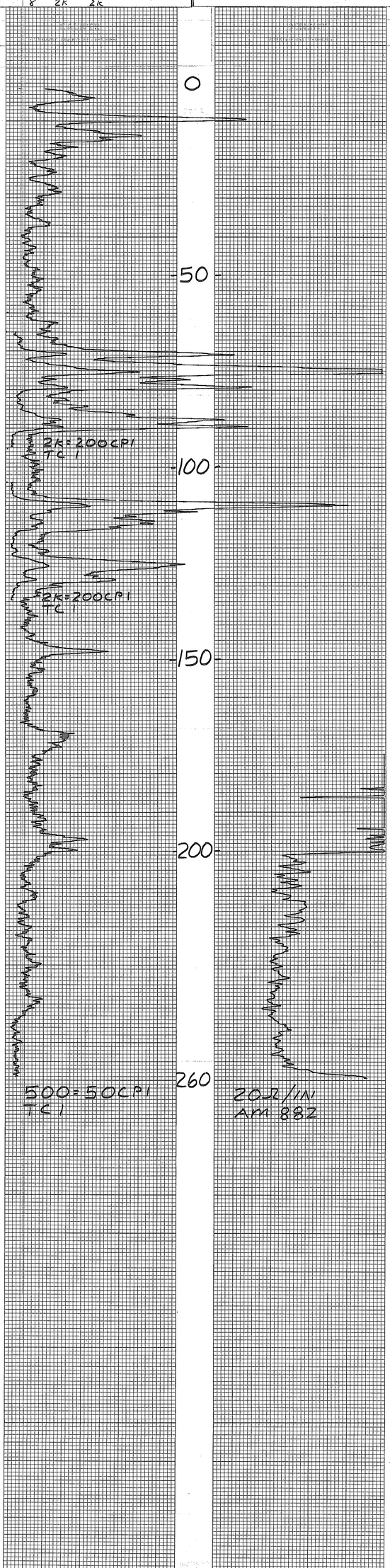


MINERALS EXPLORATION CO.

CASPER, WYOMII

AREA	ANDERSON MINE		HOLE NO. AM882
GRID POINT		ELEVATION	
COUNTY	YAVAPAI	STATE AZ	GAMMA - GAMMA DENSITY
SEC.	TWP.	RGE.	

BOREHOLE DATA			LOG DATA		
DATE	3-21-78		TOTAL DEPTH LOGGED	260	FT.
DRILLER	AL / UNIVERSAL		TOTAL FOOTAGE LOGGED	320	FT.
DRILLER DEPTH	260	FT.	LOG SPEED	15	FT./MIN.
BIT SIZE	5 1/8	IN.	LOG SCALE	500 = 50 CPS/IN.	T.C. 1
FLUID LEVEL	200	FT.	DETECTOR TYPE	SCINT	DETECTOR SIZE
CSG.	K=6.00 E-5, D1=9.2 LLS		DECENTRALIZED		CENTRALIZED
			SOURCE TYPE		SOURCE SIZE
REMARKS	RERUN		TRK. NO.	61	
	BOT 135 95		OPERATOR	ERICKSON	
	TOP 105 65				
	TOT 30 30				
	γ 2K 2K				



MINERALS EXPLORATION CO.

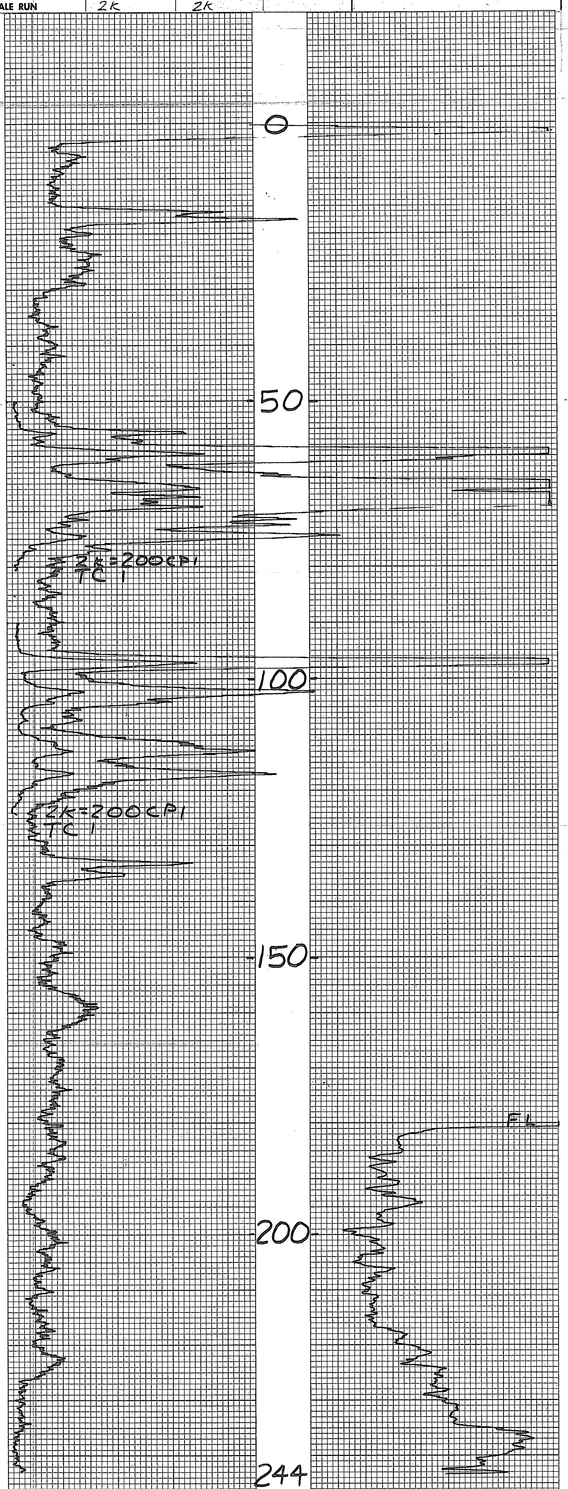
CASPER, WYOMING

HOLE NO. AM 883

LOCATION	ANDERSON MINE	GAMMA SCALE	500 = 50CPI
COUNTY	YAVAPAI STATE AZ	PROBE TYPE	SCINT
GP.	ELEV.	K-FACTOR	6.00E-5
		DEAD TIME	9.2 μs
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	3-27-78	CALIPER	–
DEPTH DRILLED	244	DIRECTIONAL SURVEY	–
DEPTH LOGGED	244	TEMPERATURE	–
FOOTAGE LOGGED		OPERATOR	ERICKSON
HOLE DIAMETER	5 1/8	DRILLER	JIM
WATER FACTOR	1.2	CONTRACTOR	HARRIS
RESISTIVITY	20 OHMS/INCH	LAST A.E.C. PIT RUN	2-24-78
SELF POTENTIAL	– M.V./IN.	FLUID LEVEL	180

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	125	80	
TOP	90	50	
TOTAL FEET	35	30	
SCALE RUN	2K	2K	

REMARKS:



Denver, Colo.

C-366-E SP 11748B

DATE 3-27-78	HOLE NO. AM 884	T.D. DRILLED 200' Ft	
	SEC. / TWP. / RANGE	BIT SIZE 5 1/8 In.	CASING —
COMPANY MINERALS EXPLORATION	AREA ANDERSON MINE	BORE HOLE FLUID H_2O + MUD	
BORE HOLE AM 884	COUNTY YAVAPAI	DENSITY	VISCOSITY
AREA ANDERSON MINE	STATE ARIZONA	RESISTIVITY	
COUNTY YAVAPAI / STATE ARIZONA	COMPANY MINERALS EXPLOR.	OPERATOR M. DODGE	
SECTION / TOWNSHIP / RANGE / LOG MEASURED FROM GROUND LEVEL	DATE 3-27-78	UNIT NO. 7750	
	TOTAL FOOTAGE LOGGED 199'	LOCATION WICKENBERG	

INITIAL RUN		GAMMA RERUNS (Initial run offscale)				
T.D. LOGGED	199'	SCALE = Cps. Per In	SCALE = Cps. Per In.	SCALE = Cps. Per In.	DRIVE 2.0 Hrs.	TIME IN 1100
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 1.0 Hrs.	TIME OUT 1200
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 4.0 Hrs.	
SOURCE NO.	SOURCE VALUE	TOTAL	TOTAL	TOTAL	ROUNDTRIP MILEAGE Miles	
					CHARGEABLE STANDBY Hrs.	

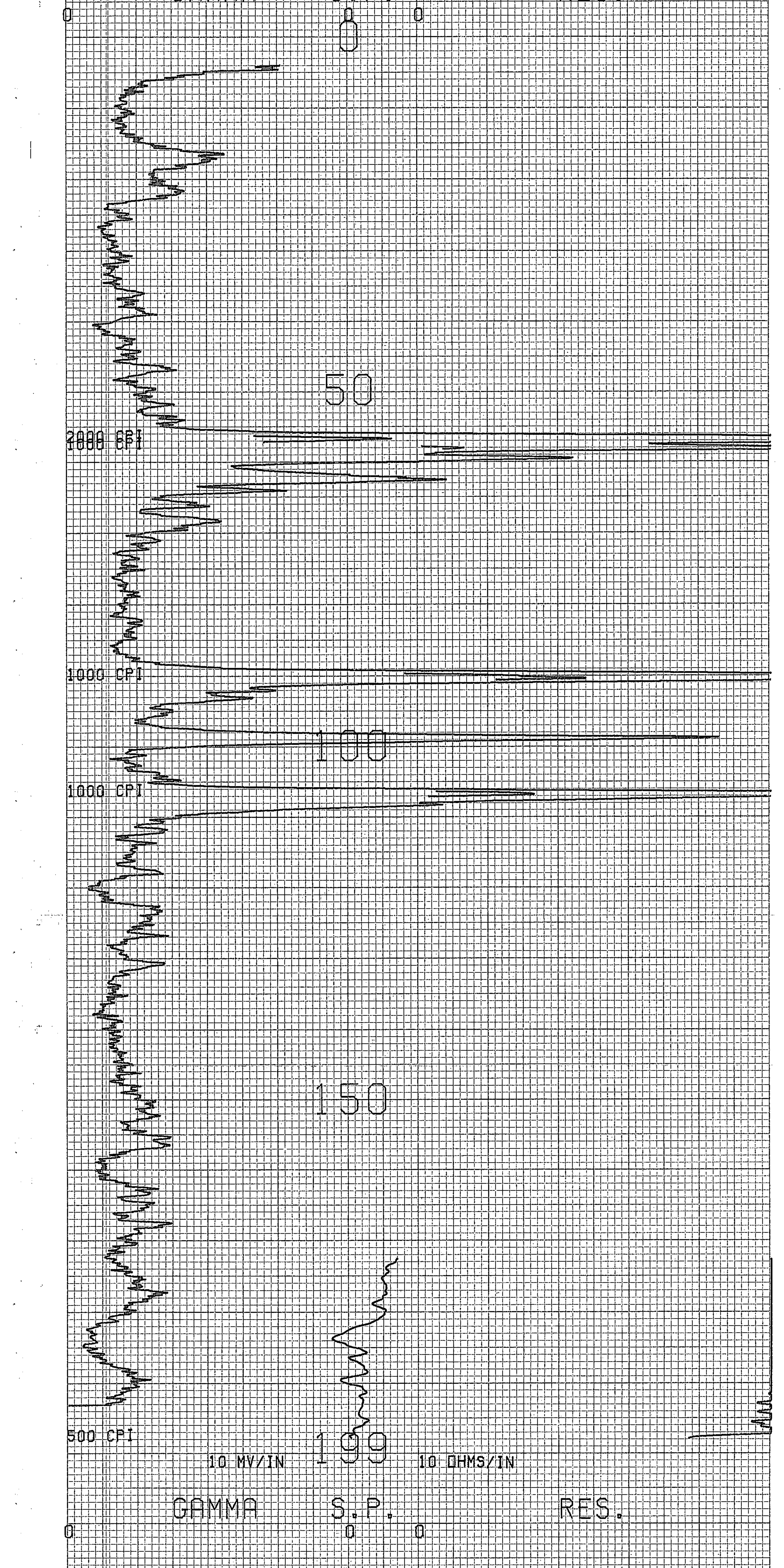
PROBE NO. 9055-23	PROBE SIZE 1 7/8 In.
DETECTOR NaI SCINT. XTAL	TYPE & SIZE 7/8" x 4"
DEAD TIME 1.075 μSEC.	K FACTOR 5.58×10^{-6}
WATER FACTOR 1.135	AIR FACTOR 1.00
RES. SCALE 10 ohms per 1 inches	
S.P. 10 Mv/In.	

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

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

467

COMPU-LOG V2.5L4 DATE 03-27-78 HOLE #AM 884



GAMMA S.P. RES.
0 0 0

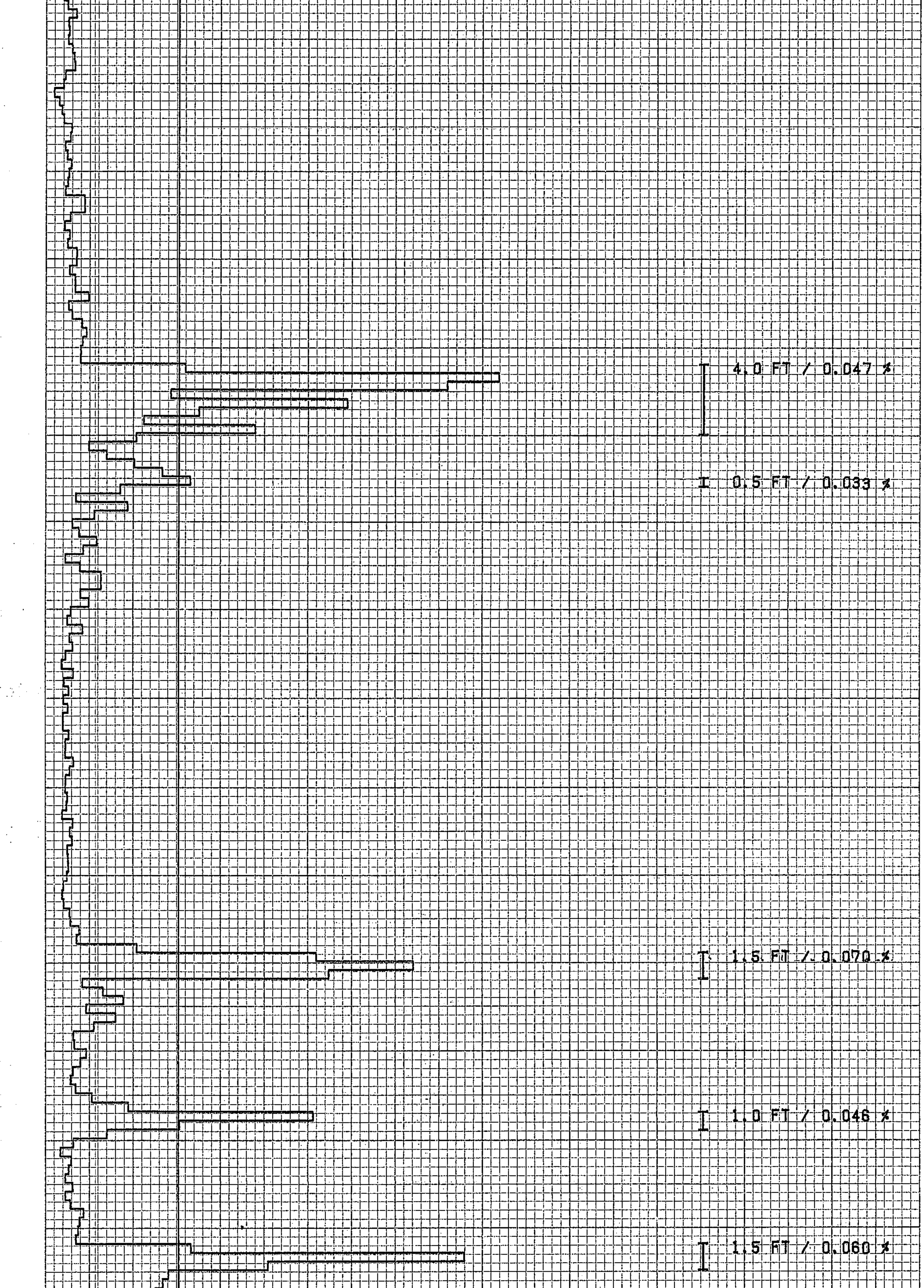
AM 884

466

MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH



465

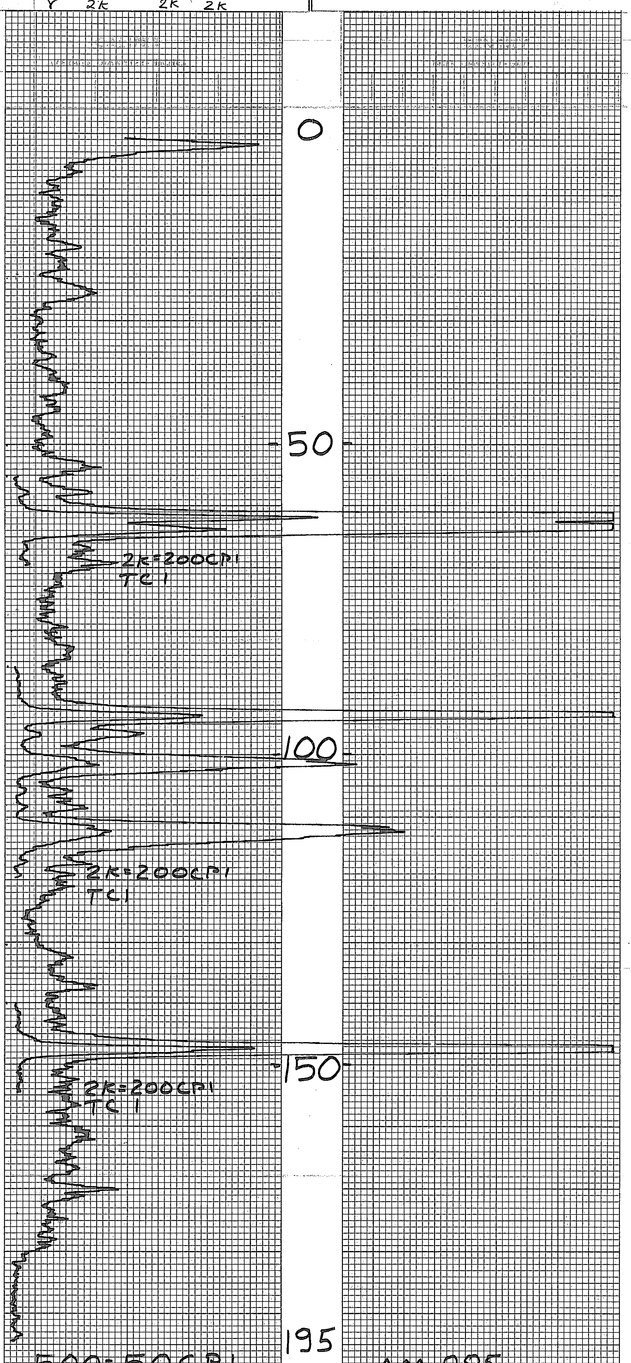
.02 % eU_3O_8/INCH
CONVERGENCE FACTOR = 0.978

MINERALS EXPLORATION CO. CASPER, WYOMI

AREA	ANDERSON MINE		
GRID POINT		ELEVATION	HOLE NO. AM 885
COUNTY	YAVAPAI	STATE AZ	~~GAMMA-GAMMA DENSITY~~
SEC.	TWP.	RGE.	

BOREHOLE DATA				
DATE	3-20-78			
DRILLER	AL / UNIVERSAL			
DRILLER DEPTH	195	FT.		
BIT SIZE	5 1/8	IN.		
FLUID LEVEL		FT.		
CSG.	K= 6.00E-5, Dt = 9.2us			
REMARKS	RERUN			
	BOT	155	120	70
	TOP	140	85	55
	TOT	15	35	15
	Y	2K	2K	2K

LOG DATA			
TOTAL DEPTH LOGGED	195	FT.	
TOTAL FOOTAGE LOGGED	260	FT.	
LOG SPEED	15	FT./MIN.	
LOG SCALE	500= 50	CPS/IN.	T.C. 1
DETECTOR TYPE	SCINT	DETECTOR SIZE	
DECENTRALIZED		CENTRALIZED	
SOURCE TYPE		SOURCE SIZE	
TRK. NO.	61		
OPERATOR	ERICKSON		



Denver, Colo.

C-366-E SP 117458

AM 886	165 Ft.
SEC. / TWP. / RANGE	BIT SIZE 5 1/8 In. / CASING —
DATE 3-20-78	AREA ANDERSON MINE / BORE HOLE FLUID MUD CAKE
COMPANY MINERALS EXPLORATION	COUNTY YAVAPAI / DENSITY / VISCOSITY
BORE HOLE AM 886	STATE ARIZONA / RESISTIVITY
AREA ANDERSON MINE	COMPANY MINERALS EXPLOR. / OPERATOR M. DODGE
COUNTY YAVAPAI / STATE ARIZONA	DATE 3-20-78 / UNIT NO. 7750
SECTION / TOWNSHIP / RANGE	LOG MEASURED FROM GROUND LEVEL / TOTAL FOOTAGE LOGGED 164' / LOCATION WICKENBERG, A

INITIAL RUN		GAMMA RERUNS (Initial run offscale)			
T.D. LOGGED 164'		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 0.25 Hrs. / TIME OUT 1500
TIME CONSTANT	LOGGING SPEED 60 Ft./Min.	FROM Ft.	FROM Ft.	FROM Ft.	LOGGING 0.5 Hrs.
CALIBRATION & PROBE DATA		TO Ft.	TO Ft.	TO Ft.	TOTAL 1.0 Hrs.
SOURCE NO.	SOURCE VALUE	TOTAL	TOTAL	TOTAL	ROUNDTRIP MILEAGE Miles
					CHARGEABLE STANDBY Hrs.

PROBE NO. 9055-23 / PROBE SIZE 1 7/8 In.	TRACK USED: #4
DETECTOR NaI SCINT. XTAL. / TYPE & SIZE 7/8" x 4"	PROBE K-FACTOR FROM E.R.O.A. PITS 3-10-78: 5.695 x 10^-6
DEAD TIME 1.075 μ SEC. / K FACTOR 5.58 x 10^-6	RIG: UNIVERSAL (AL)
WATER FACTOR 1.135 / AIR FACTOR 1.00	
RES. SCALE * 10 ohms per 1 inches	* - S.P. & RES. SHOW HOLE DRY BUT READINGS RECORDED
S.P. * 10 Mv/In.	FROM MUD ON HOLE SIDES.

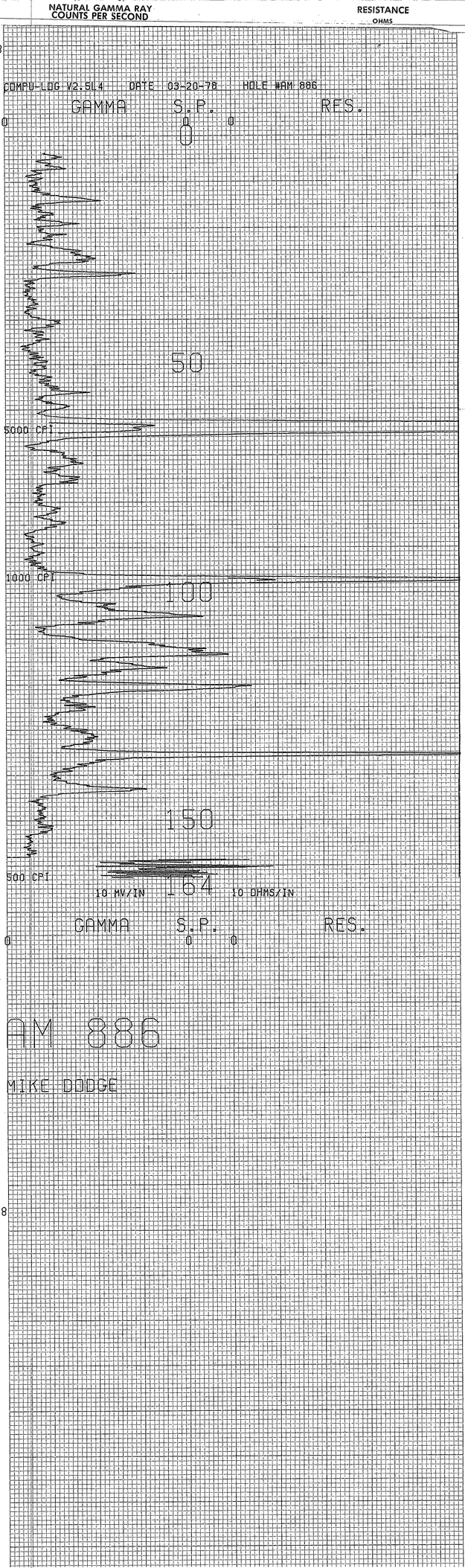
SELF POTENTIAL

- MV +

NATURAL GAMMA RAY
COUNTS PER SECOND

DENSITY

RESISTANCE
OHMS



Century Geophysical Corporation
Denver, Colo.

C-366-E SP 11/1488

HOLE NO.	AM 887
T.D. DRILLED	160'
SEC. / TWP. / RANGE	
BIT SIZE	5.1 in.
CASING	—
DATE	4-10-78
AREA	ANDERSON MINE
BORE HOLE FLUID	H2O & FOAM
COMPANY	MINERALS EXPLORATION
COUNTY	YAVAPAI
DENSITY	
VISCOSITY	
BORE HOLE	AM 887
STATE	ARIZONA
RESISTIVITY	
AREA	ANDERSON MINE
COMPANY	MINERALS EXPLOR.
OPERATOR	M. DODGE
COUNTY	YAVAPAI
STATE	ARIZONA
DATE	4-10-78
UNIT NO.	7750
SECTION	
TOWNSHIP	
RANGE	
LOG MEASURED FROM	GROUND LEVEL
TOTAL FOOTAGE LOGGED	154'
LOCATION	WICKENBERG AZ.

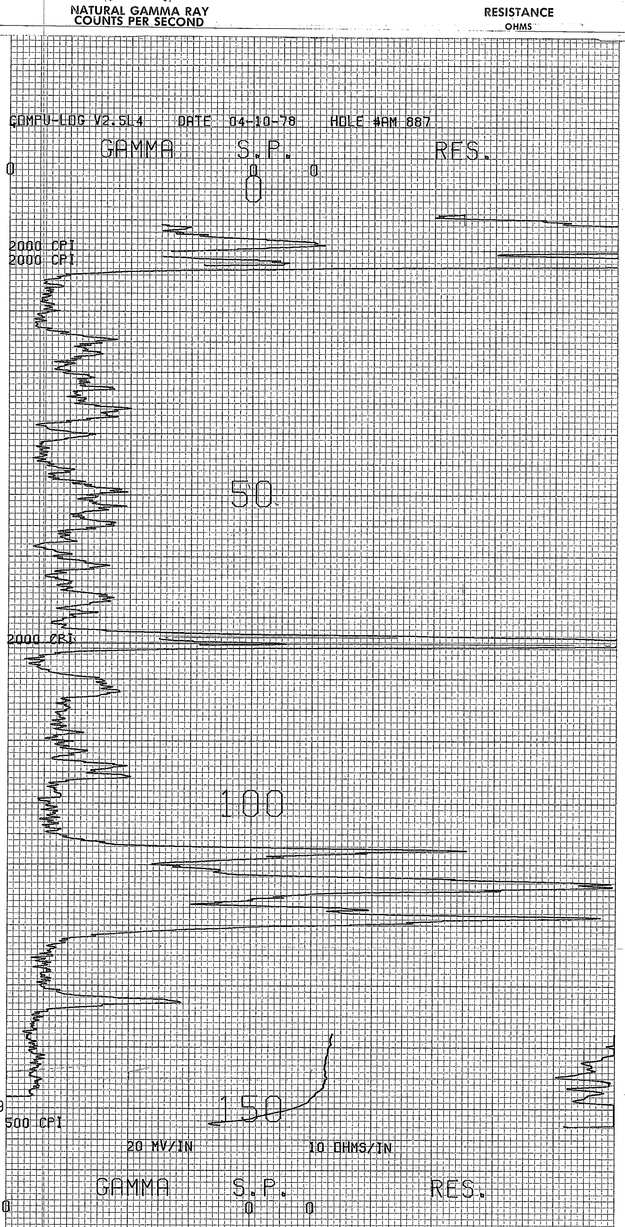
	INITIAL RUN	GAMMA RERUNS (Initial run offsetable)			
T.D. LOGGED	154'	SCALE = Cps. Per In.	SCALE = Cps. Per In.	SCALE = Cps. Per In.	DRIVE 0.25 Hrs. / TIMER 1300
GAMMA SCALE	.500 Cps. Per In.	T.C. Sec. / LOGGING SPEED Ft./Min.	T.C. Sec. / LOGGING SPEED Ft./Min.	T.C. Sec. / LOGGING SPEED Ft./Min.	STAND BY 1.0 Hrs. / TIME OUT 1330
TIME CONSTANT	LOGGING SPEED 60 Ft./Min.	FROM Ft.	FROM Ft.	FROM Ft.	LOGGING 0.5 Hrs.
CALIBRATION & PROBE DATA		TO Ft.	TO Ft.	TO Ft.	TOTAL 1.75 Hrs.
SOURCE NO.	SOURCE VALUE	TOTAL	TOTAL	TOTAL	ROUNDTRIP MILEAGE Miles
PROBE NO. 9055-23	PROBE SIZE 1 7/8 in.				CHARGEABLE STANDBY Hrs.
DETECTOR NaI Scint.	TYPE & SIZE Xtal 7/8" x 4"				
DEAD TIME 1.075 μSEC.	K FACTOR 5.58 x 10^-6				
WATER FACTOR 1.135	AIR FACTOR 1.00				
RES. SCALE	10 ohms per 1 inches				
S.P.	20 Mv/In.				

TRACK USED: #2
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695 x 10^-6
RIG: HARRIS (JIMMY)

SELF POTENTIAL
− MV +
NATURAL GAMMA RAY
COUNTS PER SECOND

DENSITY

RESISTANCE
OHMS



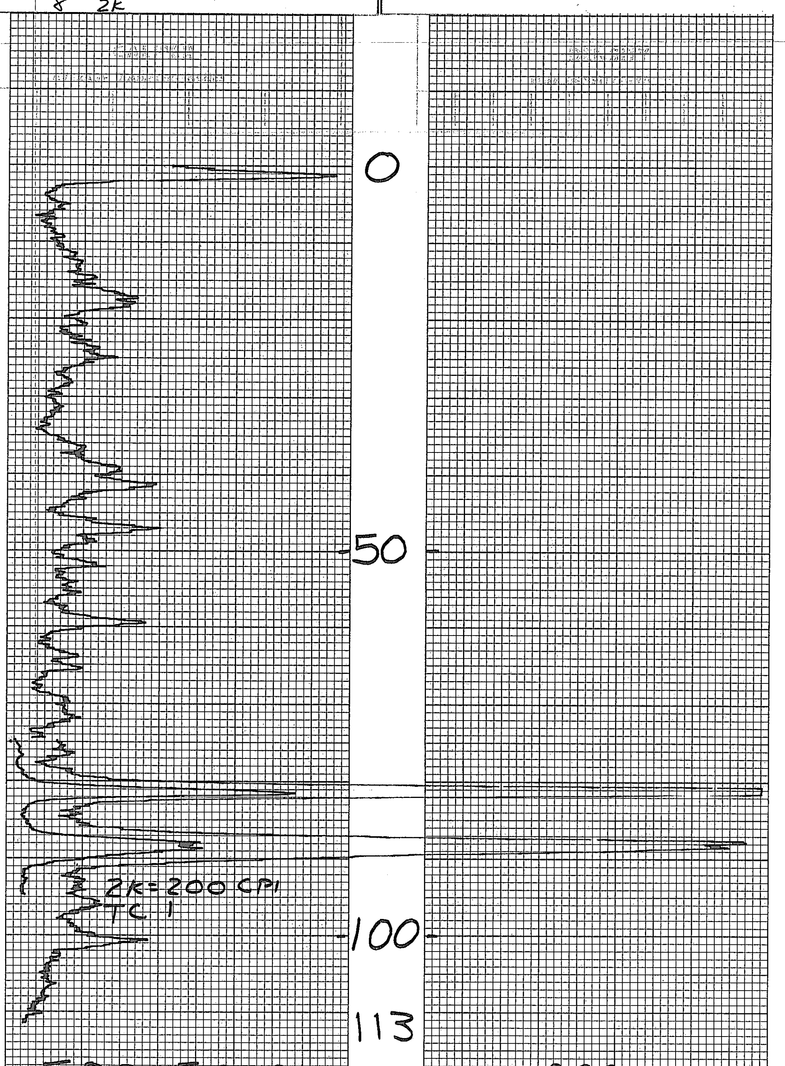
AM 887

MIKE DODGE

MINERALS EXPLORATION CO. CASPER, WYOMI

AREA	ANDERSON MINE		
GRID POINT		ELEVATION	HOLE NO. AM 888
COUNTY YAVAPAI		STATE AZ	~~GAMMA GAMMA DENSITY~~
SEC.	TWP.	RGE.	

BOREHOLE DATA			LOG DATA		
DATE	3-20-78		TOTAL DEPTH LOGGED	113	FT.
DRILLER	DENNIS / VENTURE		TOTAL FOOTAGE LOGGED	133	FT.
DRILLER DEPTH	115	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.	K=6.00E-5, DT=9.2 μs		DECENTRALIZED	CENTRALIZED	
	RERUN		SOURCE TYPE	SOURCE SIZE	
REMARKS	BOT 95		TRK. NO. 61		
	TOP 75		OPERATOR ERICKSON		
	TOT 20				
	γ 2K				



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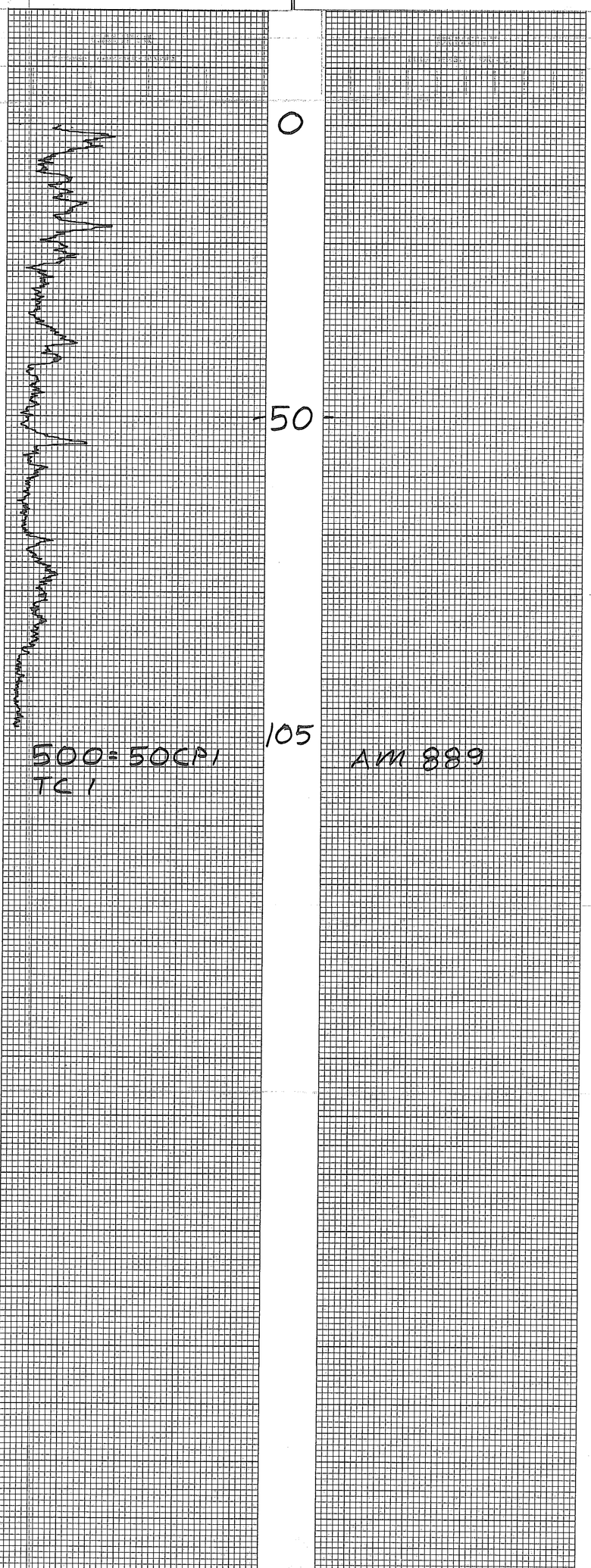
MINERALS EXPLORATION CO.

CASPER, WYOMI

AREA	ANDERSON MINE		
GRID POINT		ELEVATION	HOLE NO. AM 889
COUNTY YAVAPAI		STATE AZ	~~GAMMA - GAMMA DENSITY~~
SEC.	TWP.	RGE.	

BOREHOLE DATA			LOG DATA			
DATE	3-20-78		TOTAL DEPTH LOGGED	105	FT.	
DRILLER	DENNIS / VENTURE		TOTAL FOOTAGE LOGGED	105	FT.	
DRILLER DEPTH	105	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	
			SOURCE TYPE		SOURCE SIZE	
REMARKS			TRK. NO.	61		
			OPERATOR	ERICKSON		



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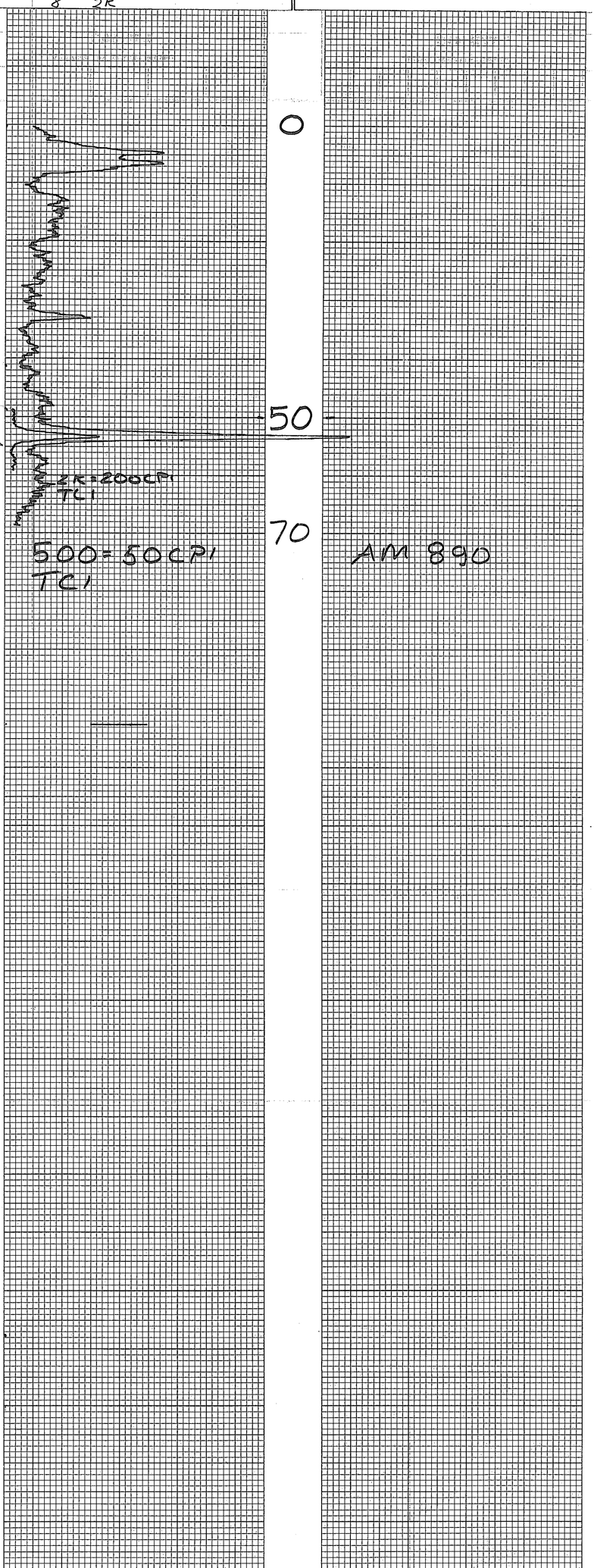
MINERALS EXPLORATION CO. CASPER, WYOMI

AREA	ANDERSON MINE		
GRID POINT		ELEVATION	HOLE NO. AM 890
COUNTY	YAVAPAI	STATE AZ	~~GAMMA - GAMMA DENSITY~~
SEC.	TWP.	RGE.	

BOREHOLE DATA		
DATE	3-19-78	
DRILLER	DENNIS / VENTURE	
DRILLER DEPTH	70	FT.
BIT SIZE	6	IN.
FLUID LEVEL		FT.
CSG.	K = 6.00 E-5, Dt = 9.2 μs	
REMARKS	RERUN	
	BOT 60	
	TOP 50	
	TOT 10	
	γ 2K	

LOG DATA			
TOTAL DEPTH LOGGED	70	FT.	
TOTAL FOOTAGE LOGGED	80	FT.	
LOG SPEED	15	FT./MIN.	
LOG SCALE	500 = 50	CPS/IN.	T.C. 1
DETECTOR TYPE	SCINT	DETECTOR SIZE	
DECENTRALIZED		CENTRALIZED	
SOURCE TYPE		SOURCE SIZE	
TRK. NO.	61		
OPERATOR	ERICKSON		



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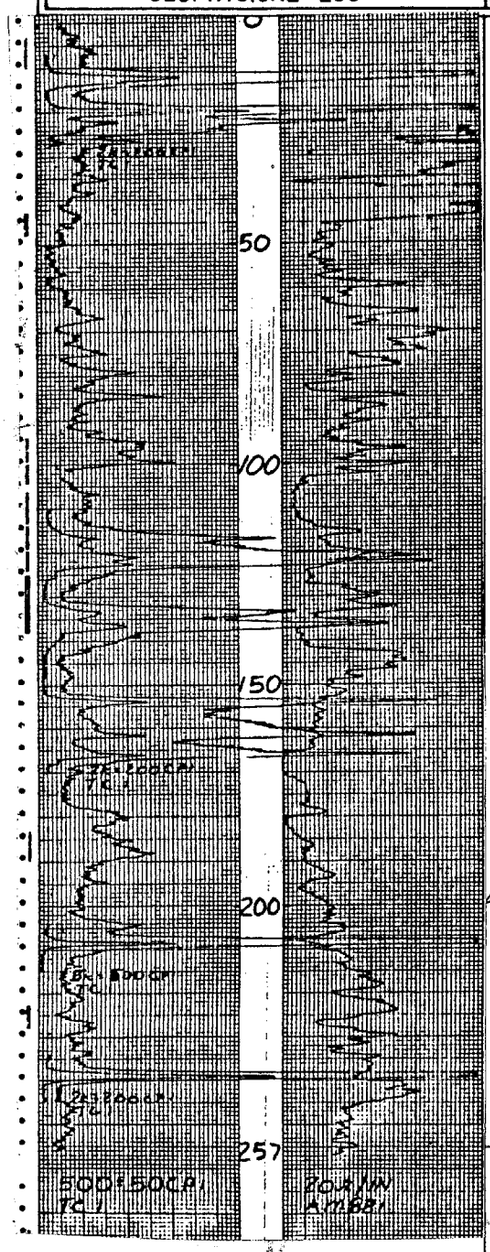
PROJECT Anderson Mine HOLE SIZE ☐ AIR ☐ WATER HOLE NO. AM 881

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

SECTION TOWNSHIP RANGE T.D. 255 P.D.

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	0–255					siltst, Grn; silicified siltst Gry Grn; wht calc Tuff; silicified siltst ~~wht calc Tuff~~ Gry Grn; wht calc Tuff; silicified siltst, Pink Brn; carbonaceous siltst + Lignite Gry to Blk; silicified siltst, Gry, carbonaceous; siltst, Pel Tan; carbonaceous siltst; siltst, Pel Tan; carbonaceous siltst; siltst Pel Tan; siltst, Tan Brn; siltst, Brn; siltst Red Brn

255 TD

MINERALS EXPLORATION CO.

CASPER, WYOMING HOLE NO. AM 881

LOCATION	ANDERSON MINE		
COUNTY	UINTAH	STATE	UT
ELEV.			
DATE	4-2-78		
DEPTH DRILLED	266		
DEPTH LOGGED	263		
CASING DIAMETER	5/8		
CASING FACTOR	1.5		
RADIOACTIVITY	Yes		
ONLY POTENTIAL	—		
	NO. OHM	RES. OHM	RES. OHM
BOTTOM	245	218	170
TOP	235	209	110
TOTAL FEET	10	10	60
SCALE OHM	25	25	25

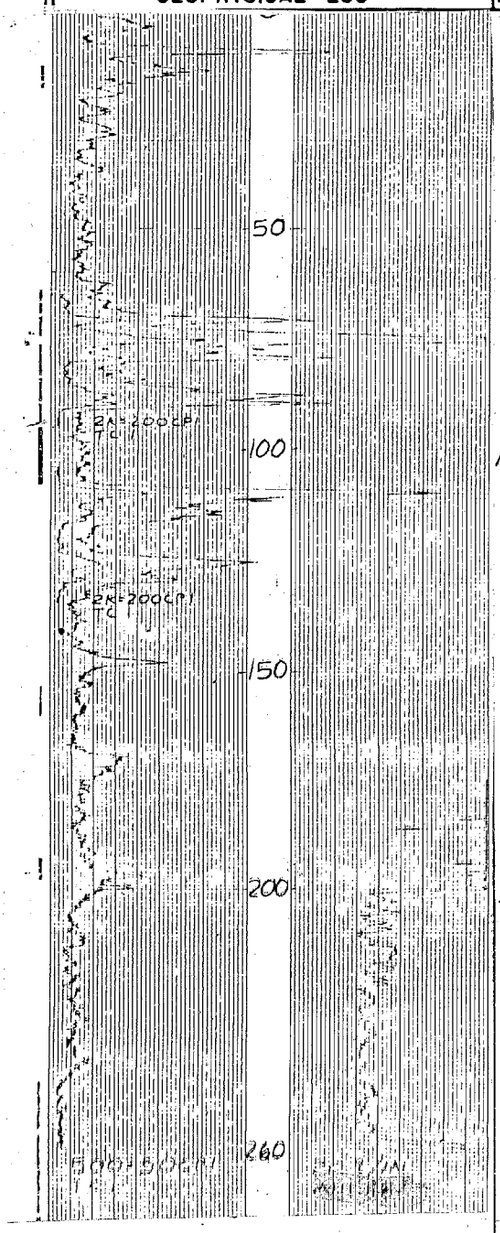
DRILLING TOOLS	500 500 CPS
PROBE TYPE	SCALE
RANGE	6 400
TAPE TYPE	9.2 AM
TAPE DIVISIONS	1
PROBE NO.	1/8
CALIPER	–
ELECTRICAL TRUCE	–
TEMPERATURE	–
DRILLER	Erickson
ENGINEER	A.
OPERATOR	Chamberlain
LAST ACC. PR. DATE	2-24-78
FLUID LEVEL	25
REMARKS	

PROJECT ANDERSON MINE **HOLE SIZE** _____ ☑ AIR ☐ WATER **HOLE NO.** AM 882

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K. TAYLOR **DATE** 3/20/78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 260 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	LITHOLOGY	GEOCHEMISTRY



green to brownish green to grey-green mudstn., highly siliceous

red chert

brown mudstn

~~pinkish~~ brownish pink mudstn.

dk brown mudstn.

Carbonaceous zone, grey, tan, brown grey-green mudstn. interbd. lignite.

redbrown mudstn.

greenish brown mudstn.

yellow brown mudstn.

red brown mudstn.

chocolate brown mudstn.

red mudstn, carbonate frags.

MINERALS EXPLORATION CO. CASPER, WYOMING

AREA ANDERSON MINE		
GRID POINT	ELEVATION	HOLE NO. AM882
COUNTY YAVAPAI	STATE AZ	GAMMA - GAMMA DENSITY
SEC.	TWP.	RGE.

BOREHOLE DATA		LOG DATA	
DATE 3-21-78		TOTAL DEPTH LOGGED 260 FT.	
DRILLER AL/UNIVERSAL		TOTAL FOOTAGE LOGGED 320 FT.	
DRILLER DEPTH 260 FT		LOG SPEED 15 FT/MIN.	
BIT SIZE 5.9 IN.		LOG SCALE 500 CPS	CPS, IN. / T.C. 1
FLUID LEVEL 200 FT		DETECTOR TYPE SCINT	DETECTOR SIZE
CSG. N/A		DISCRIMINATOR	CENTRALIZER
REMARKS RERUN 1807 185 95		SOURCE TYPE	SOURCE SIZE
1808 105 65		BR. NO. 01	
1811 80 30		OPERATOR ERICKSON	
1 21 45			

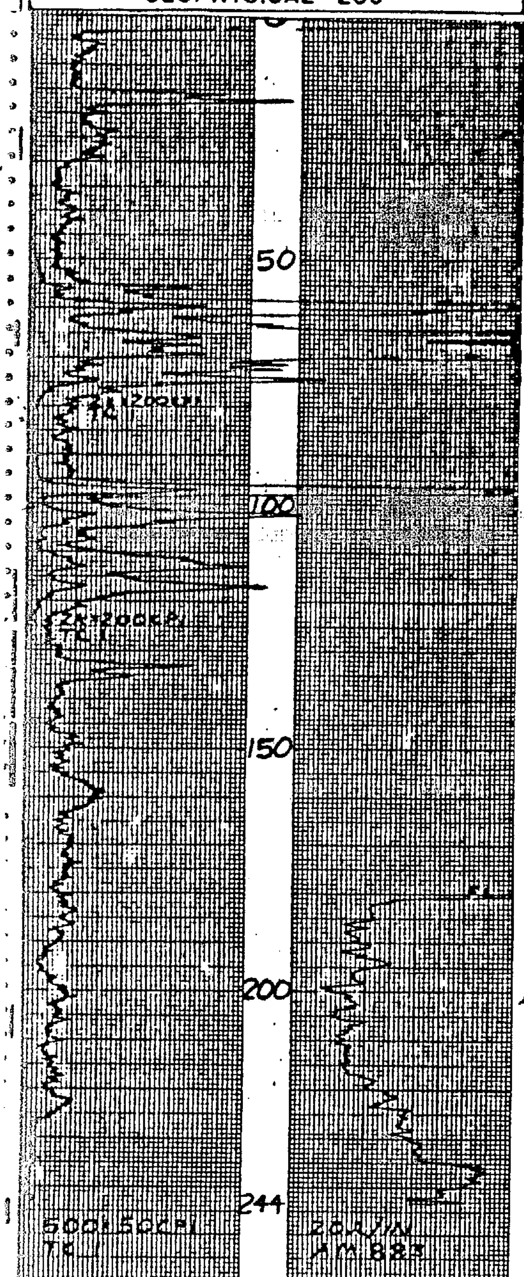
PROJECT ANDERSON MINE HOLE SIZE ____ ☐ AIR ☐ WATER **HOLE NO.** AM 883

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY K. TAYLOR DATE 3/26/78

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 240 P.D. ____

HARRIS

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Depth	Lithology
0–20	green to grey green siliceous mudstn.
20–25	interbd orange chert
55–60	red chert
65–70	white to lt gray mudst.
70–100	green mudst, red + brown chert
100–140	carbonaceous zone, grey, black, grey green mudst. interbd lignite
140–180	yellowish green mudstone
180–200	interbd orange, green, brown + yellow green mudst.
200–235	interbd orange, grey green, grey mudst
235–240	dk grey andesite frags.

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

MINERALS EXPLORATION CO.

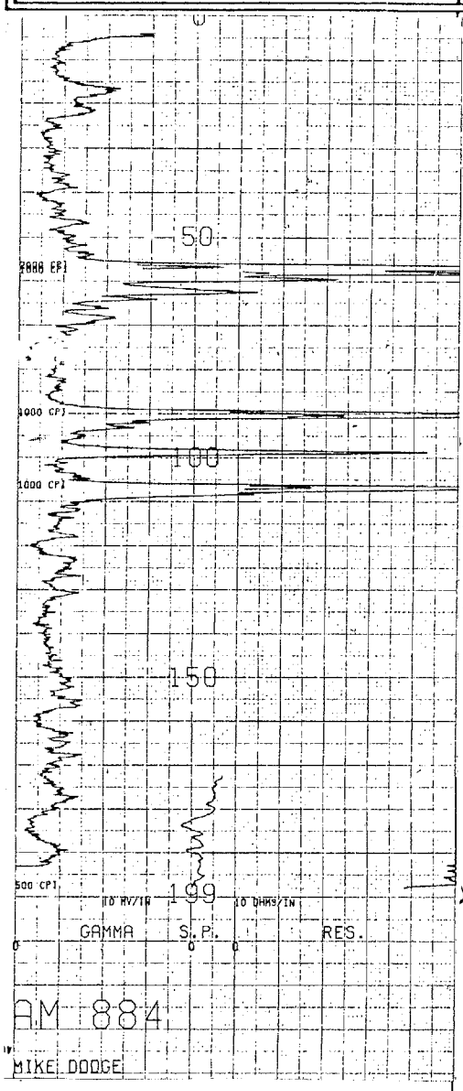
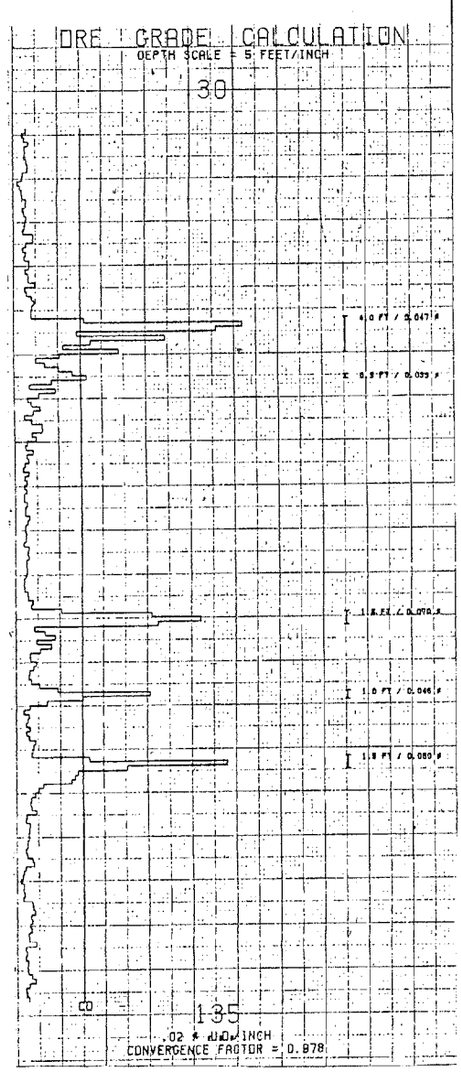
CASPER, WYOMING

LOCATION	ANDERSON MINE		HOLE NO.	AM 883
COUNTY	YAVAPAI	STATE AZ		500:50CPS
	3-23-78			
	244			
	235			
	125	80		
	90	82		
	46	30		
	25	25		

PROJECT ANDERSON MINE HOLE SIZE ☐ AIR ☐ WATER HOLE NO. AM 884

ELEVATION NORTH EAST LOGGED BY K. TAYLOR DATE 3/26/78

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						green to grey highly siliceous mudstn
						pink to lt brown mudstn, red chert
						siliceous green mudstn.
						tan to green siliceous mudstn, red chert
						siliceous grey to green mudstn.
						carbonaceous zone, grey, grey brown, grey green mudstns, interbd lignite
						olive green mudstn.
						yellow brown mudstn.
						interbd yellowbrown, tan, orangishbrown, grey mudstns.
						andesite frags
						

Century Geophysical Corporation
Denver, Colo.

3-27-78

MINERALS EXPLORATION
AM 884
ANDERSON MINE
YAVAPAI ARIZONA
GROUND LEVEL

AM 884
ANDERSON MINE
YAVAPAI
ARIZONA
MINERALS EXPLR.
3-27-78
199'

2.00
5 7/8
1.0 - MWD
M. DODGE
7750
WICKENBERG
2.0 - 1100
1.0 - 1200
1.0
4.0

199'
500
60

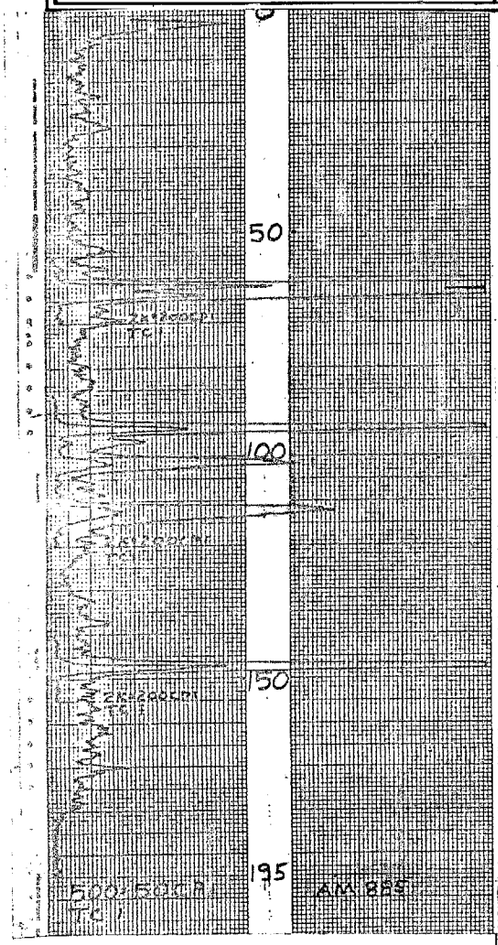
9053-23 1 1/8
NAI SCINT. KHL 7-14
1.075 USER 558 × 10⁻⁶
1.135 1.00
10 1
10

TRACE USED: #1
PEDGE K-FACTOR FROM E.R.D.A. P.13 3-10-78: 5.695 × 10⁻⁶
RIG: HARRIS (JIMMY)

PROJECT ANDERSON MINE **HOLE SIZE** _____ ☒ AIR ☐ WATER **HOLE NO.** AM 885

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K. TAYLOR **DATE** 3/19/78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 195 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	LITHOLOGY	GEOCHEMISTRY
			

20 40 60 80 100 20 40 60 80 100 20 40 60 80 100 20 40 60 80 100 20 40 60 80 100 20 40 60 80 100 20 40 60 80 100 20 40 60 80 100 20

green to grey highly silicified mudstn. cherty zones

red chert

red chert

carbonaceous zone, grey to grey brown mudstn. interbd lignite

yellow brown mudstn

orange brown mudstn.

red brown mudstn, andesite frags.

MINERALS EXPLORATION CO. CASPER, WYOMING

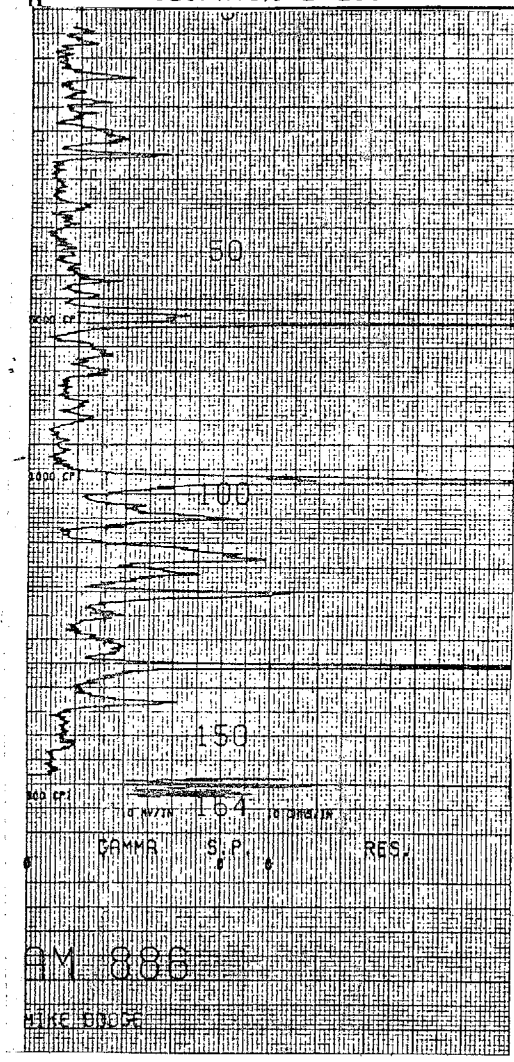
AREA ANDERSON MINE		
GRID POINT	ELEVATION	HOLE NO. AM 885
COUNTY YAVAPAI	STATE AZ	~~GAMMA-GAMMA DENSITY~~
SEC.	TWP.	RGE.

BOREHOLE DATA				LOG DATA		
DATE	3-20-78			TOTAL DEPTH LOGGED	195	FT
DRILLER	A.I. / UNIVERSAL			TOTAL FOOTAGE LOGGED	260	FT
DRILLED DEPTH	195	FT		LOG SPEED	15	FT/MIN.
BIT SIZE	8 1/4	IN.		LOG SCALE	500:50	CPS/IN. T.C. 1
CASING DEPTH		FT.		DETECTOR TYPE	SCINT	DETECTOR SIZE
CSG.	EL 6.8 DEF-5, AL: 9.2 MS			DOCUMENTALIZED		CONTRALIZED
	RERUN			SOURCE TYPE		SOURCE SIZE
REMARKS	BOT 158	120	70	FOR NO.	61	
	TOP 140	85	55	OPERATOR	ERICKSON	
	TOT 15	35	15			
	Y 26	28	28			

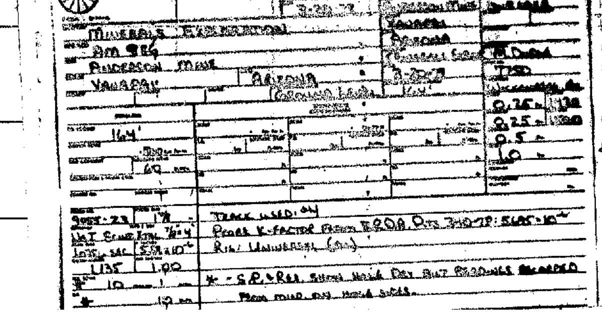
PROJECT ANDERSON MINE **HOLE SIZE** ____ ☒ AIR ☐ WATER **HOLE NO.** AM 886

ELEVATION ____ **NORTH** ____ **EAST** ____ **LOGGED BY** K TAYLOR **DATE** 3/19/78

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 160' **P.D.** ____

GEOPHYSICAL LOG	DEPTH	LITHOLOGY	GEOCHEMISTRY
	0–40	samples destroyed	
	40	~~olive~~ gr	
	40–100	interbd olive green, green, brown grey mudstn, highly siliceous chert zones	
	~50–55	red chert	
	~60–65	red chert	
	100–140	carbonaceous zone, grey, blue grey mudstn, interbd lignite	
	140–150	olive green mudstn	
	150–160	red mudstn, andesite frags	

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



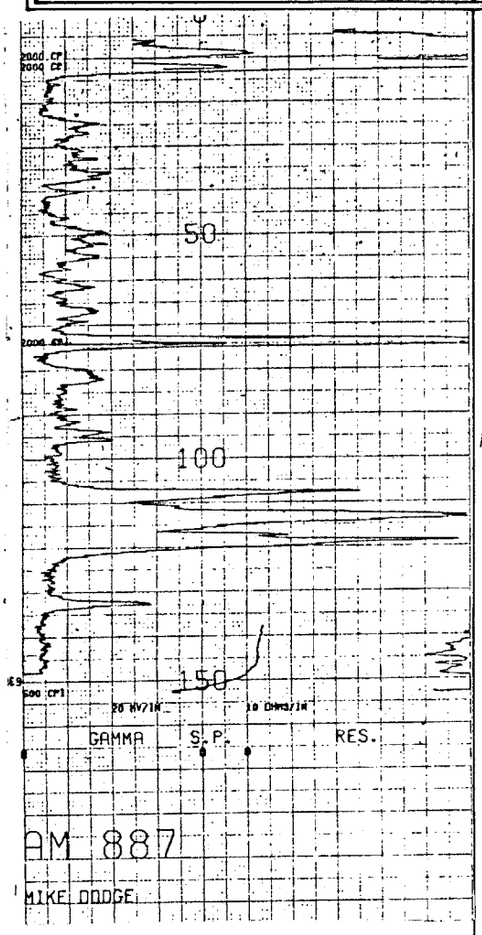
PROJECT ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 887

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K. TAYLOR **DATE** 4/10/78

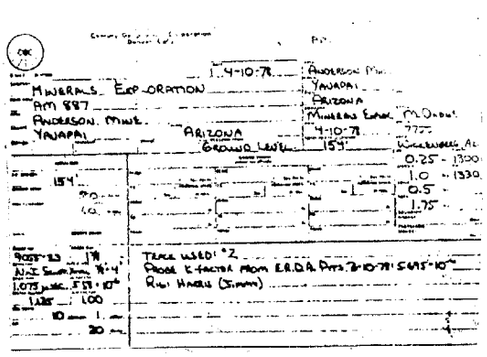
SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 160 **P.D.** _____

HARRIS

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



interbd tan & red mudstn.
grey & red & tan mudstone
tan & pink mudstone
green mudstone
pink mudstone
tan mudstone
tan & green mudstone
green mudstone & brown red chert
green siliceous mudstone
green & red siliceous mudstone
grey green siliceous mudstone
green & red siliceous mudstone
brown, yellow brown & tan siliceous mudstone
red & green siliceous mudstone
green, brown, orange tan mudstone
interbd grey green & grey mudstone & lignite
grey & dk grey mudstone & lignite
green & tan mudstone
green mudstone
dk grey andesite



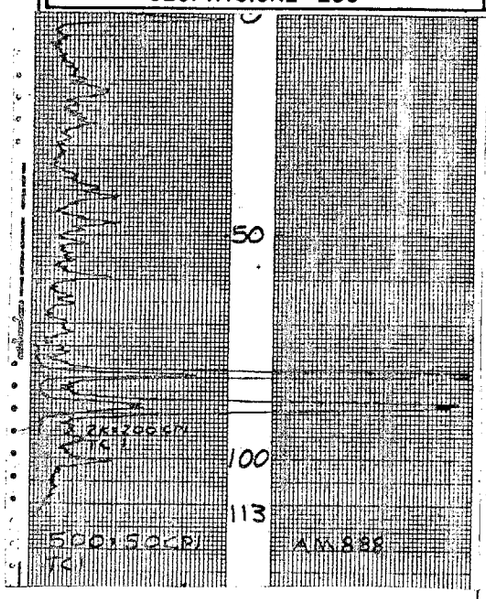
PROJECT ANDERSON MINE HOLE SIZE 6.5 ☒ AIR ☐ WATER HOLE NO. AM 888

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 20 MAR 78

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 115 P.D. _____

VENTURE - MINERALS #61

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



0-5 WHITE TO OLIVE GRN SILACEOUS SHALE

5-10 OLIVE BRN SILT

10-25 RED CHERT

25-35 YELLOWISH-BRN SILT

35-50 V. LT. GRAY SILT

50-80 BLUE GRAY SILACEOUS SHALE

80-85 PINK SILT

85-95 BROWN SILT AND BLACK LIGNITE

95-100 TAN SILT

100-105 BROWN CLAY

105-115 RED ANDESITIC AGGLOMERATE AND CLAY

MINERALS EXPLORATION CO. CASPER, WYOMING

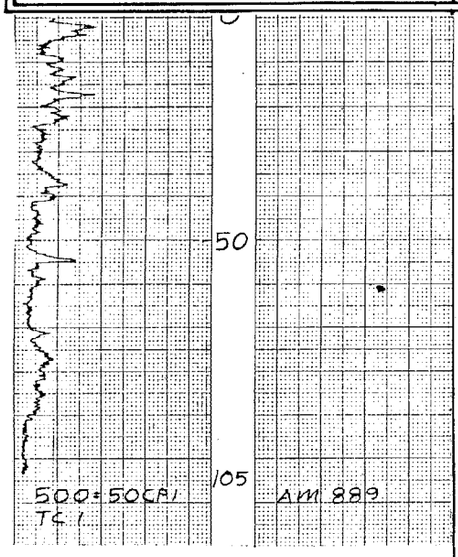
AREA ANDERSON MINE		
GRID POINT	DIRECTION	HOLE NO. AM 888
COUNTY YAVAPAI	STATE AZ	
SEC.	TWP.	RGE.

BOREHOLE DATA		LOG DATA	
DATE	3-20-78	TOTAL DEPTH LOGGED	113
CONTRACTOR	DENNIS / VENTURE	TOTAL DEPTH DRILLED	153
DRILLED DEPTH	115	LOG DEPTH	15
BIT SIZE	6	LOG BEAM	500 x 50
CASING DEPTH		DIRECTION TYPE	SCINT
CAL.	[illegible]	DIRECTION TYPE	
	PERMIN	DIRECTION TYPE	
DRILLERS	BOT 95	TOTAL DEPTH	61
	TOP 75	OPERATOR	ERICKSON
	TOT 20		
	& 26		

PROJECT ANDERSON MINE HOLE SIZE 6.5 ☒ AIR ☐ WATER HOLE NO. AM 889

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 20 MAR 78

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						0-25 TAN TO OLIVE GREEN SILACEOUS LAKEBEDS
						25-65 BLUE GRAY SILACEOUS LAKEBEDS
						65-85 OLIVE GREEN SILT
						85-95 ANDESITIC AGGLOM
						95-100 ANDESITE

MINERALS EXPLORATION CO. CASPER, WYOMING

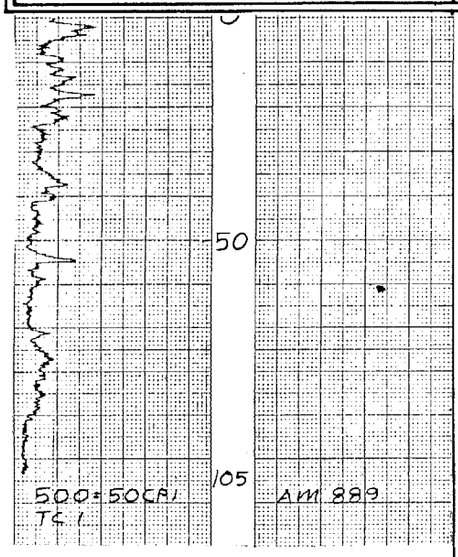
AREA ANDERSON MINE		
GRID POINT	ELEVATION	HOLE NO. AM 889
COUNTY YAVAPAI	STATE AZ	~~GAMMA-GAMMA DENSITY~~
SEC.	TWP.	RGE.

BOREHOLE DATA		LOG DATA	
DATE	3-20-78	TOTAL DEPTH LOGGED	105 FT.
DRILLER	DENNIS/VENTURE	TOTAL FOOTAGE LOGGED	105 FT.
DRILLER DEPTH	105 FT.	LOG SPEED	15 FT. MIN.
BIT SIZE	6 IN.	LOG SCALE	500=50 CPS. IN TC 1
FLUID LEVEL	FT.	DETECTOR TYPE	SCINT DETECTOR SIZE
CSG		DECENTRALIZED	CENTRALIZED
		SOURCE TYPE	SOURCE SIZE
REMARKS		TRK. NO.	6
		OPERATOR	E RICKSON

PROJECT ANDERSON MINE HOLE SIZE 6.5 ☒ AIR ☐ WATER HOLE NO. AM 889

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 20 MAR 78

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						0-25 TAN TO OLIVE GREEN SILACEOUS LAKEBEDS
						25-65 BLUE GRAY SILACEOUS LAKEBEDS
						65-85 OLIVE GREEN SILT
						85-95 ANDESITIC AGGLOM
						95-100 ANDESITE

MINERALS EXPLORATION CO. CASPER, WYOMING

AREA ANDERSON MINE		
GRID POINT	ELEVATION	HOLE NO. AM 889
COUNTY YAVAPAI	STATE AZ	~~GAMMA-GAMMA DENSITY~~
SEC.	TWP.	RGE.

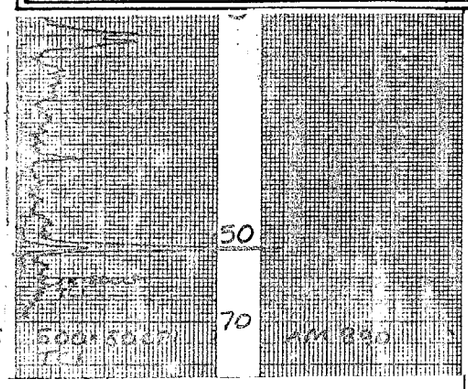
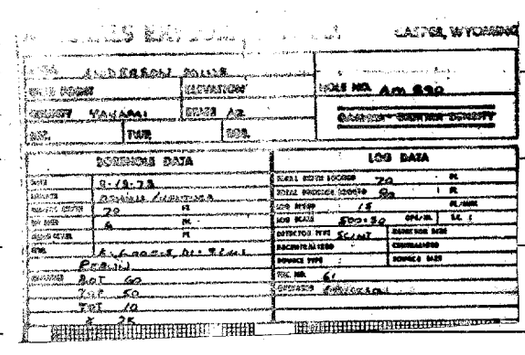
BOREHOLE DATA		LOG DATA	
DATE	3-20-78	TOTAL DEPTH LOGGED	105 FT.
DRILLER	DENNIS/VENTURE	TOTAL FOOTAGE LOGGED	105 FT.
DRILLER DEPTH	105 FT.	LOG SPEED	15 FT. MIN.
BIT SIZE	6 IN.	LOG SCALE	500=50 CPS IN / TC 1
FLUID LEVEL	FT.	DETECTOR TYPE	SCINT / DETECTOR SIZE
CSG.		DECENTRALIZED	CENTRALIZED
		SOURCE TYPE	SOURCE SIZE
REMARKS		TRK. NO.	6
		OPERATOR	ERICKSON

PROJECT ANDERSON MINE HOLE SIZE 6.5 ☒ AIR ☐ WATER HOLE NO. AM 890

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE _____

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

VENTURE - MINERALS #61

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						0 - 40 BLUE GRAY SILICIFIED SHALE
						40 - 45 RED SILT
						45 - 50 RED SILTY CLAY
						50 - 55 GREEN CLAY
						55 - 65 GREENISH BROWN SILT
						65 - 70 ANDESITE