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

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Century Geophysical Corporation
Denver, Colo.

C-366-E SP 11748B

DATE	4-11-78
COMPANY	MINERALS EXPLORATION
BORE HOLE	AM 891
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
SECTION	
TOWNSHIP	
RANGE	
LOG MEASURED FROM	GROUND LEVEL
HOLE NO.	AM 891
SEC. / TWP. / RANGE	
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
COMPANY	MINERALS EXPLOR.
DATE	4-11-78
TOTAL FOOTAGE LOGGED	358'
T.D. DRILLED	360'
BIT SIZE	5.1 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	1100
STAND BY	0.5 Hrs.
TIME OUT	1145
LOGGING	0.75 Hrs.
TOTAL	1.5 Hrs.
ROUNDTRIP MILEAGE	Miles
CHARGEABLE STANDBY	Hrs.

INITIAL RUN	
T.D. LOGGED	358'
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	In.
DETECTOR TYPE & SIZE	NaI Scint. Xtal 7/8" x 4"
DEAD TIME	1.075 μSEC.
K FACTOR	5.58 x 10^{-6}
WATER FACTOR	1.145
AIR FACTOR	1.00
RES. SCALE	20 ohms per 1 inches
S.P.	20 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

TRACK USED: #4
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695 x 10^{-6}
RIG: VENTURE (ED)

SELF POTENTIAL — MV +

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS

COMPU-LOG V2.5L4 DATE 04-11-78 HOLE #AM 891

GAMMA S.P. RES.

GAMMA S.P. RES.
0 0 0

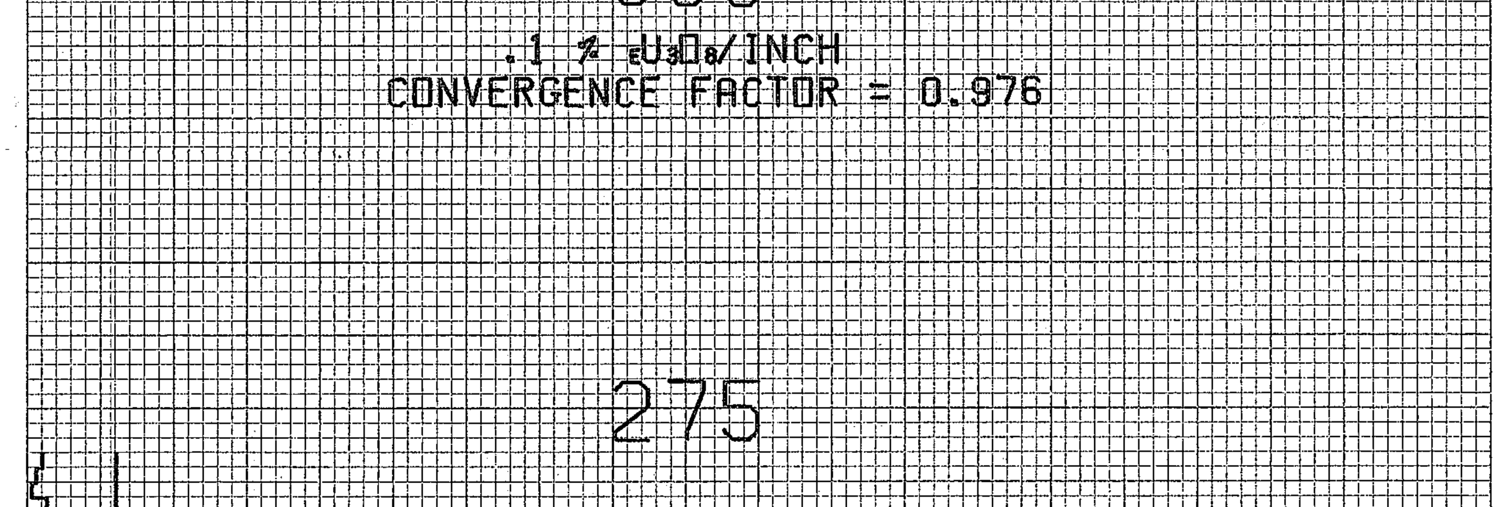
AM 891

MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH

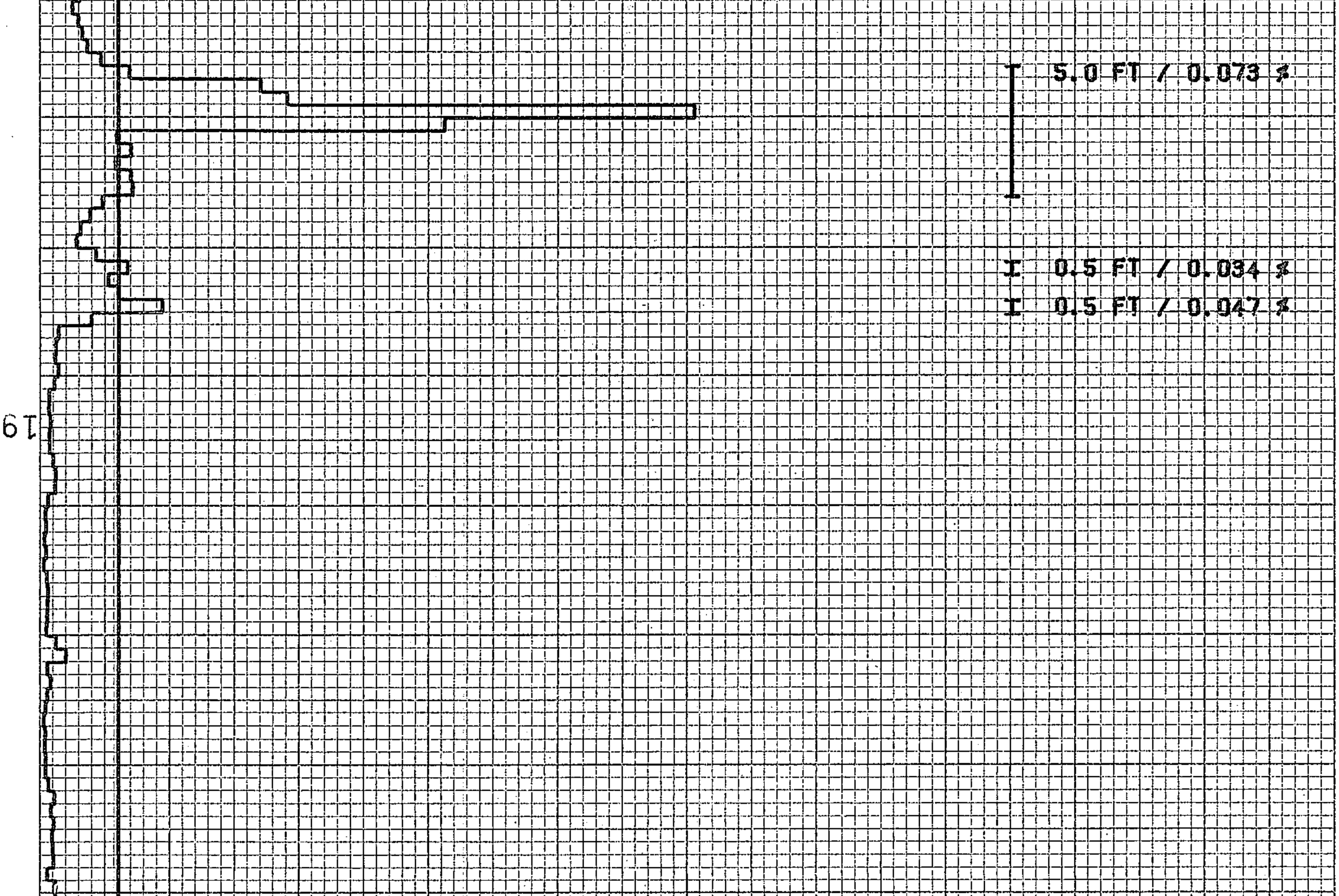
340



355

.1 % eU_3O_8/INCH
CONVERGENCE FACTOR = 0.976

275

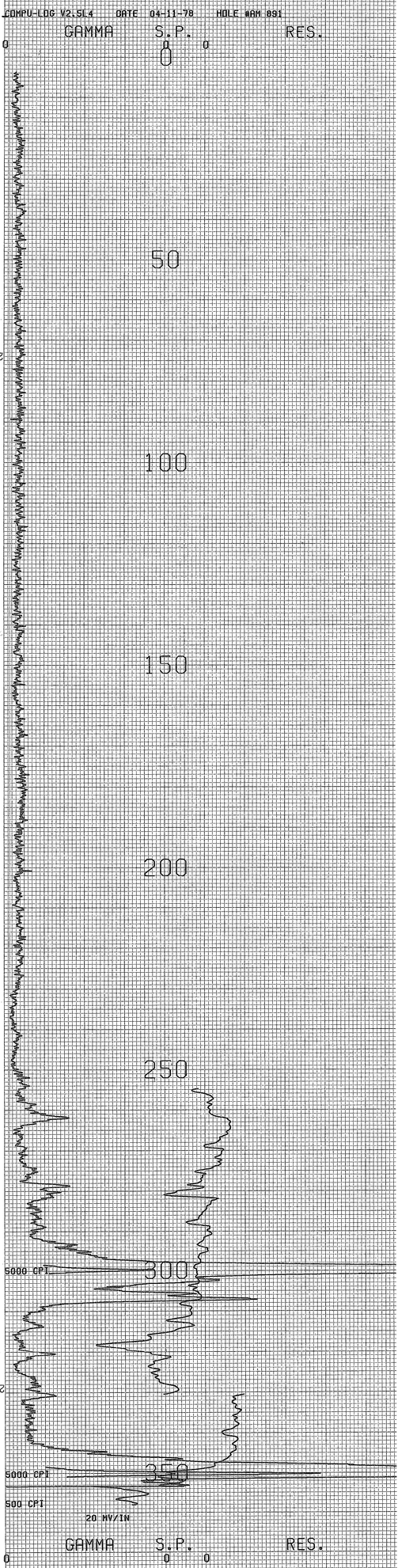


335

.05 % eU_3O_8/INCH
CONVERGENCE FACTOR = 0.979

AM 891

MIKE DODGE



Century Geophysical Corporation
Denver, Colo.

C-366-E SP 11748B

HOLE NO. AM 892	T.D. DRILLED 465' Ft		
SEC.	TWP.	RANGE	BIT SIZE 6.5 In. / CASING —
DATE 4-11-78	AREA ANDERSON MINE	BORE HOLE FLUID H_2O + FOAM	
COMPANY MINERALS EXPLORATION	COUNTY YAVAPAI	DENSITY	VISCOSITY
BORE HOLE AM 892	STATE ARIZONA	RESISTIVITY	
AREA ANDERSON MINE	COMPANY MINERALS EXPLOR.	OPERATOR M. DODGE	
COUNTY YAVAPAI / STATE ARIZONA	DATE 4-11-78	UNIT NO. 7750	
SECTION / TOWNSHIP / RANGE / LOG MEASURED FROM GROUND LEVEL	TOTAL FOOTAGE LOGGED 469'	LOCATION WICKENBERG, AZ	

INITIAL RUN	GAMMA RERUNS (Initial run offscale)			
T.D. LOGGED 469'	SCALE = Cps. Per In	SCALE = Cps. Per In.	SCALE = Cps. Per In.	DRIVE 0.25 Hrs. / TIME IN 1700
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 2.0 Hrs. / TIME OUT 1745
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 3.0 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: #1
DETECTOR NAI SCINT. XTAL / TYPE & SIZE 7/8" x 4"	PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695×10^{-6}
DEAD TIME 1.075 μSEC. / K FACTOR 5.58×10^{-6}	RIG: VENTURE (ED)
WATER FACTOR 1.145 / AIR FACTOR 1.00	
RES. SCALE 20 ohms per 1 inches	
S.P. 50 Mv/In.	

SELF POTENTIAL — MV. + — DENSITY

NATURAL GAMMA RAY COUNTS PER SECOND — RESISTANCE OHMS

417

COMPU-LOG V2.5L4 DATE 04-11-78 HOLE #AM 892

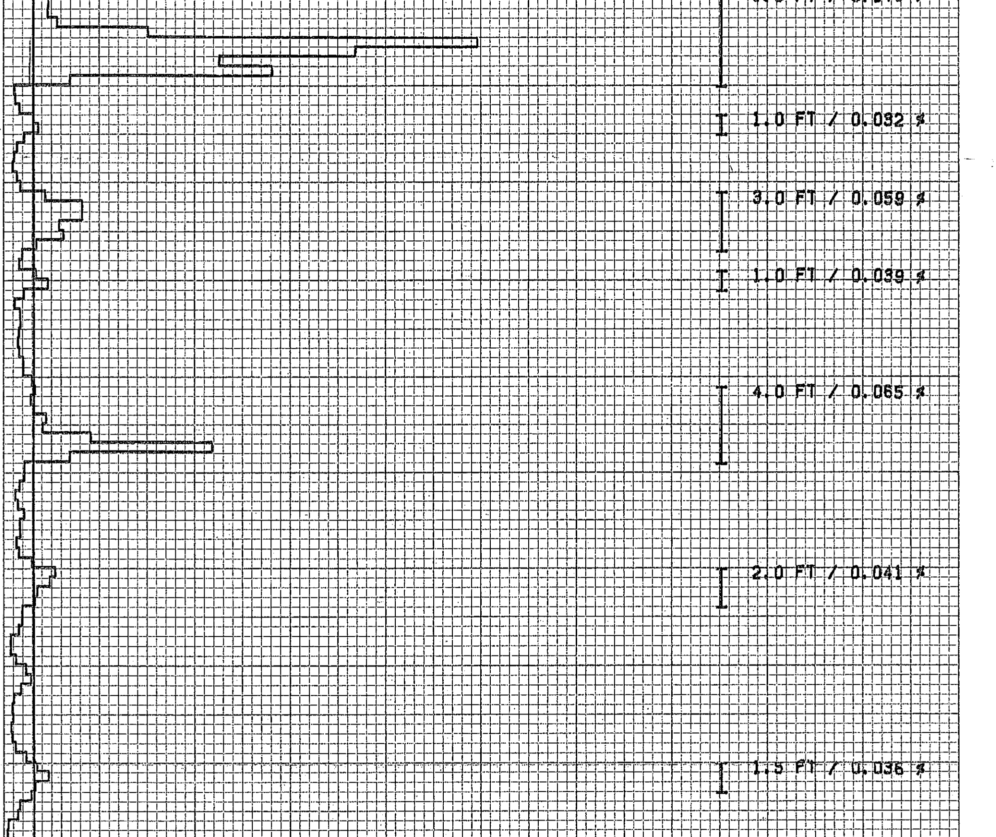
415

AM 892

MIKE DODGE

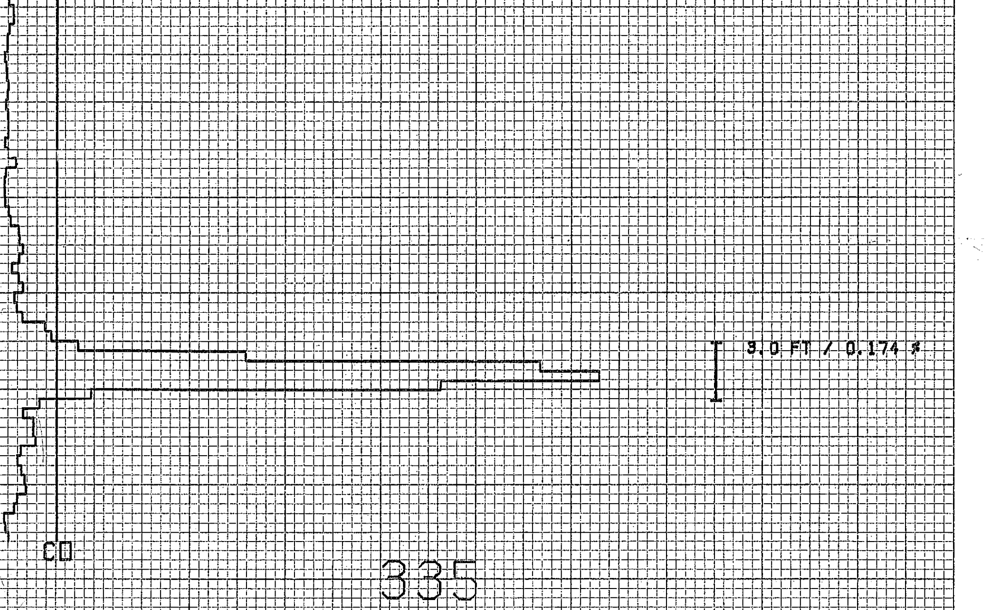
ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH



.1 % eU_3O_8/INCH
CONVERGENCE FACTOR = 0.978

414



.05 % eU_3O_8/INCH
CONVERGENCE FACTOR = 0.978

MINERALS EXPLORATION CO.

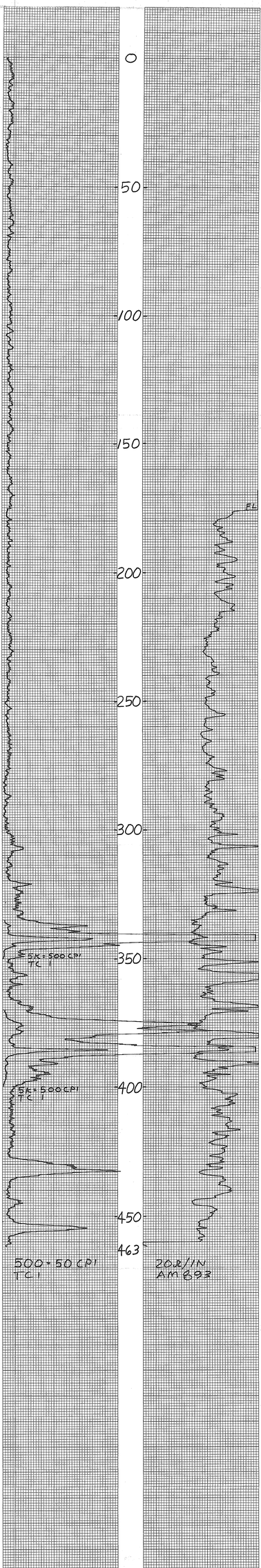
CASPER, WYOMING

HOLE NO. AM 893

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	AZ
GP.		ELEV.	
SEC.	TWP.	RGE.	
DATE	4-13-78		
DEPTH DRILLED	460		
DEPTH LOGGED	463		
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	400	350	
TOP	370	325	
TOTAL FEET	30	15	
SCALE RUN	5K	5K	

GAMMA SCALE	500-50CPI
PROBE TYPE	SCINT
K-FACTOR	6.3 E-5
DEAD TIME	9.8 μs
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	–
DIRECTIONAL SURVEY	–
TEMPERATURE	–
OPERATOR	ERICKSON
DRILLER	CHARLE
CONTRACTOR	HARRIS
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	175
REMARKS:	



MINERALS EXPLORATION CO.

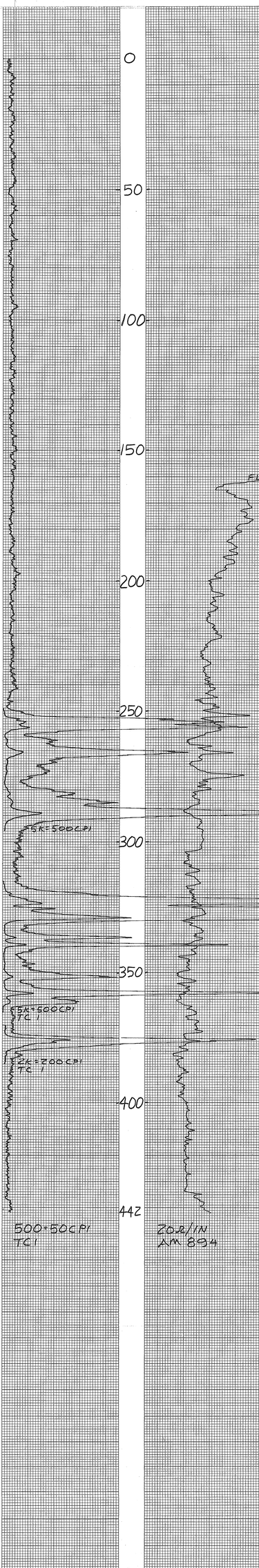
CASPER, WYOMING

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	AZ
GP.		ELEV.	
SEC.	TWP.	RGE.	
DATE	4-14-78		
DEPTH DRILLED	450		
DEPTH LOGGED	442		
FOOTAGE LOGGED			
HOLE DIAMETER	5/8		
WATER FACTOR	12		
RESISTIVITY	20	OHMS/INCH	
SELF POTENTIAL	—	M.V./IN.	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	385	365	295
TOP	370	315	250
TOTAL FEET	15	50	45
SCALE RUN	2K	5K	5K

HOLE NO. AM 894

GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	6.3 E-5
DEAD TIME	9.2 μs
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	–
DIRECTIONAL SURVEY	–
TEMPERATURE	–
OPERATOR	ERICKSON
DRILLER	AL
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	162
REMARKS:	



MINERALS EXPLORATION CO.

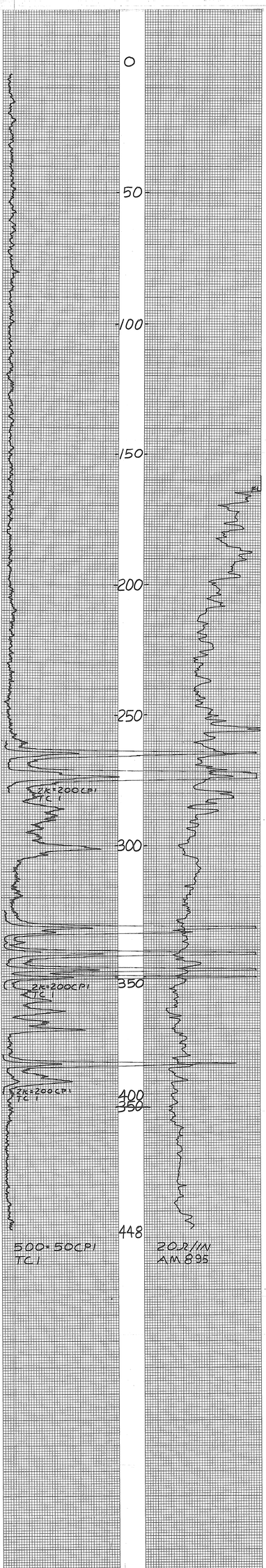
CASPER, WYOMING

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	AZ
GP.		ELEV.	
SEC.	TWP.	RGE.	
DATE	4-13-78		
DEPTH DRILLED	460		
DEPTH LOGGED	448		
FOOTAGE LOGGED			
HOLE DIAMETER	5 1/8		
WATER FACTOR	.12		
RESISTIVITY	20	OHMS/INCH	
SELF POTENTIAL	–	M.V./IN.	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	~~345~~ 395	355	280
TOP	~~335~~ 380	325	260
TOTAL FEET	15	30	20
SCALE RUN	2K	2K	2K

HOLE NO. AM 895

GAMMA SCALE	500=500CPI
PROBE TYPE	SCINT
K-FACTOR	6.3 E-5
DEAD TIME	9.2 μs
TIME CONSTANT	1
PROBE DIA.	1 3/8
CALIPER	–
DIRECTIONAL SURVEY	–
TEMPERATURE	–
OPERATOR	ERICKSON
DRILLER	AL
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	165
REMARKS:	



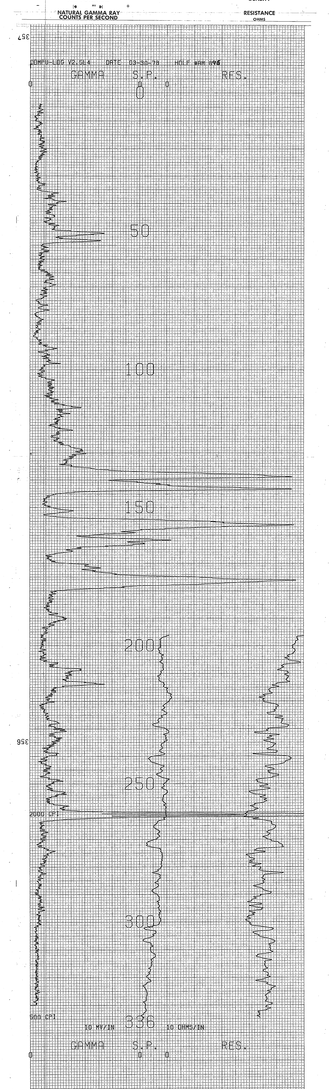
Dresser Atlas

FILE NO.		* AM 896	330'
LOCATION			576'
	3-30-78	ANDERSON MINE	1.0 x 6.0 cm
FIELD	MINERALS EXPLORATION	YAVAPAI	
COUNTY		ARIZONA	
* AM 896		MINERALS EXPLR	M. DUKE
ANDERSON MINE		3-30-78	7700
YAVAPAI	ARIZONA	GROUND LEVEL	154'

DATE RUN		DATE		DATE	WILLIAMSON & AL
T.D. LOGGER	154'	BTM LOG INTERVAL		TOP LOG INTERVAL	0.25 in. / min.
CASING SIZE	500 in.	TYPE FLUID IN HOLE		DENSITY	1500
TYPE CONVERTER	60 in.	LEVEL		VISCOSITY	0.75
RECORDED BY & WITNESS		MAX. REC. TEMP.		RM @ MEAS. TEMP.	10
RUN NO.	MAXIMUM TEMP.	SOURCE		RMF @ MEAS. TEMP.	
				RMC @ MEAS. TEMP.	

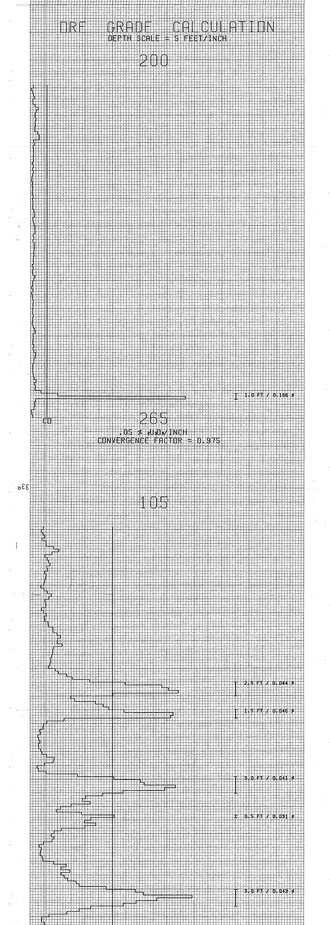
9.625" - 28	154'	TRACE USED: ■	
BIT SIZE	SCALE TYPE	PROBE E-FACTOR FROM E.R.D.A. Pm 3-10-78: $5.695 \cdot 10^{-6}$	
1.625	1.00	RUN: UNIVERSAL (AL)	
10 in. = 1 in.		* DIGITIZED ON TAPE A2 AM 279	
	10 in.		

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



AM 896

MIKE DODGE



Century Geophysical Corporation
Denver, Colo.

C-340-R SP 57449

COMPANY	MINERALS EXPLORATION	DATE	4-1-78
BORE HOLE	AM 898		
AREA	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	ARIZONA
SECTION	TOWNSHIP	RANGE	

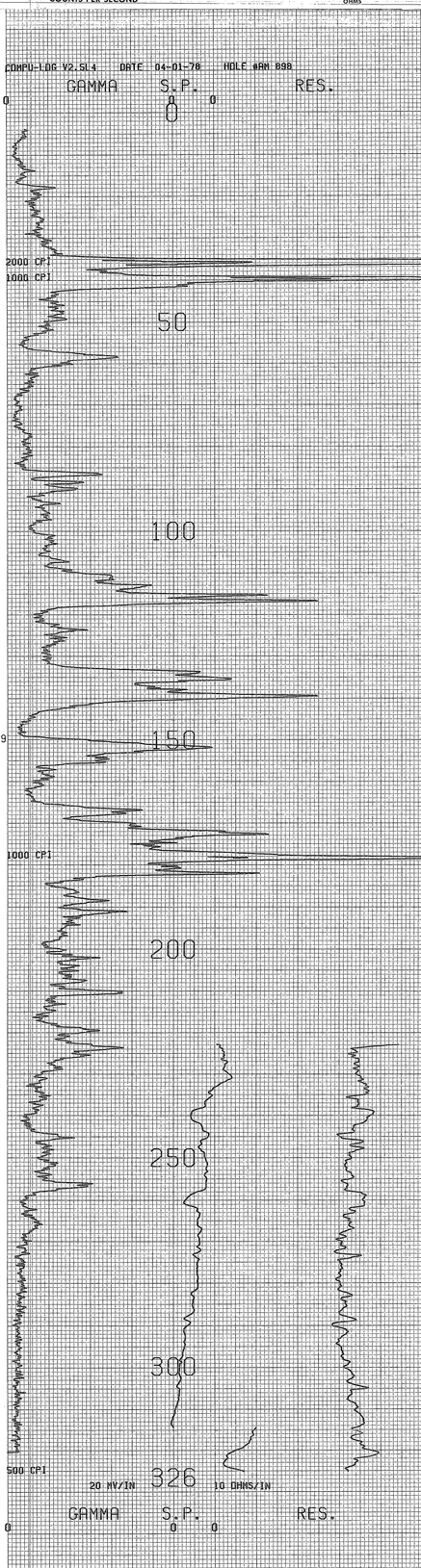
DRILLED	AM 898	T.D. DRILLER	330'
SEC.	TWP.	RANGE	BY DTD 5" CASING —
AREA	ANDERSON MINE	BORE HOLE FLUID	MUD FOAM
COUNTY	YAVAPAI	STATE	ARIZONA
RESISTIVITY			
COMPANY	MINERALS EXPLOR.	OPERATOR	MIDODGE
DATE	4-1-78	UNIT NO.	7750
TOTAL FOOTAGE LOGGED	326'	LOCATION	WICKENBERG A

T.D. LOGGED	326'	GAMMA RECORD (initial run offset)	
+ GAMMA SCALE	500 Cps Per In.		
TIME CONSTANT	LOGGING SPEED 60 Ft./Min.		
CALIBRATION & PROBE DATA			
SOURCE NO.	SOURCE VALUE		
PROBE NO.	PROBE SIZE		
DETECTOR	TYPE & SIZE		
SCALE SUB	K FACTOR		
WATER FACTOR	DR. FACTOR		
SEN. SCALE			
S.P.	10 MVs per 1 Inches		
S.P.	20 Mv/In.		

I.D. DRILLER	330'		
BY DTD	5"	CASING	—
BORE HOLE FLUID	MUD FOAM		
RESISTIVITY			
OPERATOR	MIDODGE		
UNIT NO.	7750		
LOCATION	WICKENBERG A		
	0.25 Min.	1900 Cps Per In.	
LOGGING SPEED	0.5 Min.	1945	
	0.75 Min.		
RECORDED MAGNETIC			
OVERBURDEN STANDOFF	Min.		

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

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



AM 898

MIKE DODGE

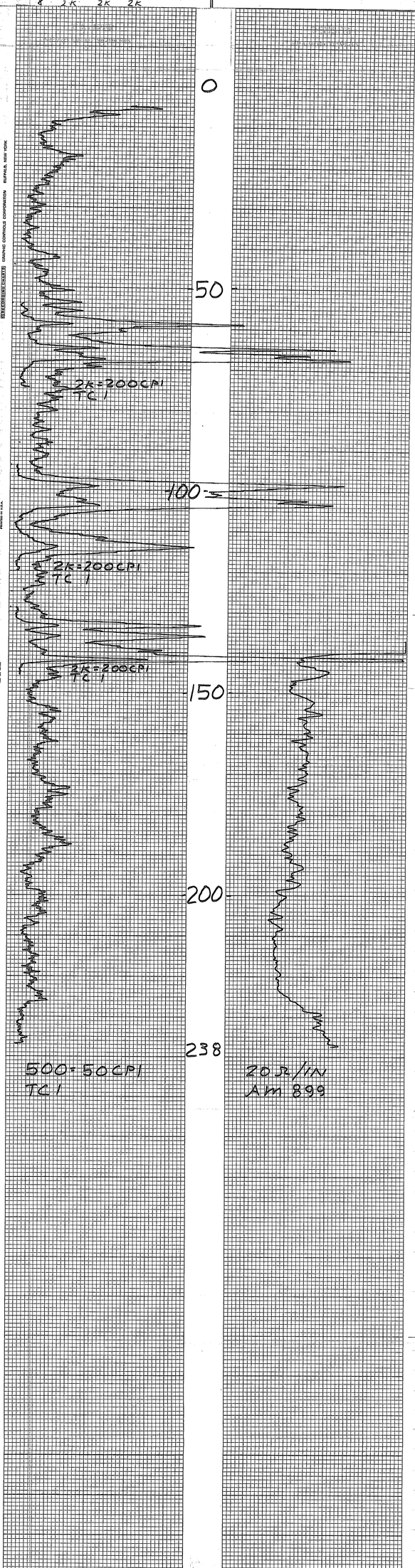
636

MINERALS EXPLORATION CO.

CASPER, WYOMI

AREA	ANDERSON MINE		HOLE NO. AM 899
GRID POINT		ELEVATION	
COUNTY	YAVAPAI	STATE AZ	GAMMA - GAMMA DENSITY
SEC.	TWP.	RGE.	

BOREHOLE DATA		LOG DATA	
DATE	3-21-78	TOTAL DEPTH LOGGED	238 FT.
DRILLER	AL / UNIVERSAL	TOTAL FOOTAGE LOGGED	FT.
DRILLER DEPTH	240 FT.	LOG SPEED	15 FT./MIN.
BIT SIZE	5 1/8 IN.	LOG SCALE	500=50 CPS/IN. T.C. 1
FLUID LEVEL	FT.	DETECTOR TYPE	SC/NT DETECTOR SIZE
CSG.	K=6.00E-5, Δt=9.2 μs	DECENTRALIZED	CENTRALIZED
		SOURCE TYPE	SOURCE SIZE
REMARKS	RERUN	TRK. NO.	61
	BOT 145 120 75	OPERATOR	ERICKSON
	TOP 130 95 55		
	TOT 15 25 20		
	& 2K 2K 2K		



Century Geophysical Corporation
Denver, Colo.

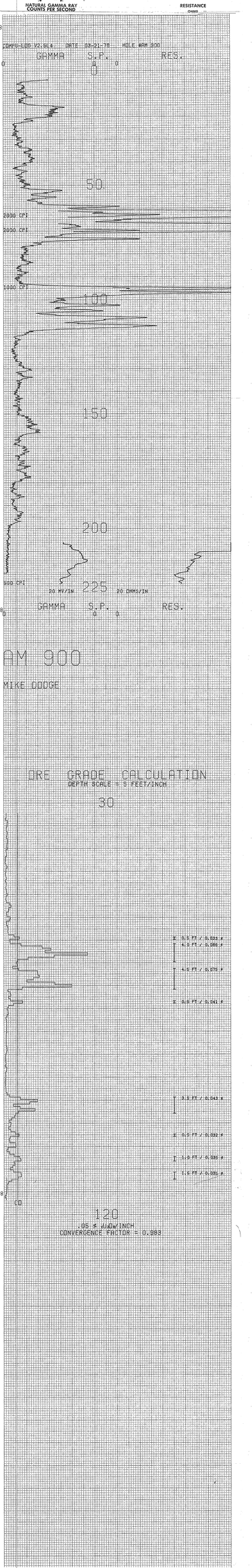
COMPANY	MINERALS EXPLORATION
WELL	AM 900
FIELD	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
OTHER SERVICES	GROUND LEVEL
DATE	3-21-78
RUN NO.	AM900
DEPTH-DRILLER	225'
DEPTH-LOGGER	225'
BTM. LOG INTERVAL	225'
TOP LOG INTERVAL	0
CASING-DRILLER	225'
CASING-LOGGER	225'
BIT SIZE	7 7/8
TYPE FLUID IN HOLE	MUD
DENSITY	54
VISCOSITY	—
PH	—
FLUID LOSS	—
SOURCE OF SAMPLE	—
RM @ MEAS. TEMP.	—
RMF @ MEAS. TEMP.	—
RMC @ MEAS. TEMP.	—
SOURCE RMF / RMC	—
RM @ BHT	—
TIME CIRCULATION STOPPED	—
TIME LOGGER ON BOTTOM	—
LOGGING UNIT NO.	7750
LOGGER	DICKENBERG, AZ
RECORDED BY	—
WITNESSED BY	—

T.D. LOGGED	225'	SCALE	20 FT. PER IN.
DENSITY SCALE	500 CPS. PER IN.	SCALE	20 FT. PER IN.
TIME CONSTANT	60 SECONDS	SCALE	20 FT. PER IN.
CALIBRATION & REC. DATE			
DENSITY REF.	SOURCE TYPE		
DENSITY REF.	DENSITY		
1985-23	1.76		
NAI SHIP. KVAL	7.4		
1.075 SEC.	1.32E-10⁻⁴		
1.135	100		
20	1		
	20		

TRACE USED: #2
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695 x 10
RIG: WINTERIAL (AL)

SELF POTENTIAL — + | + | +
NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY
RESISTANCE
OHMS



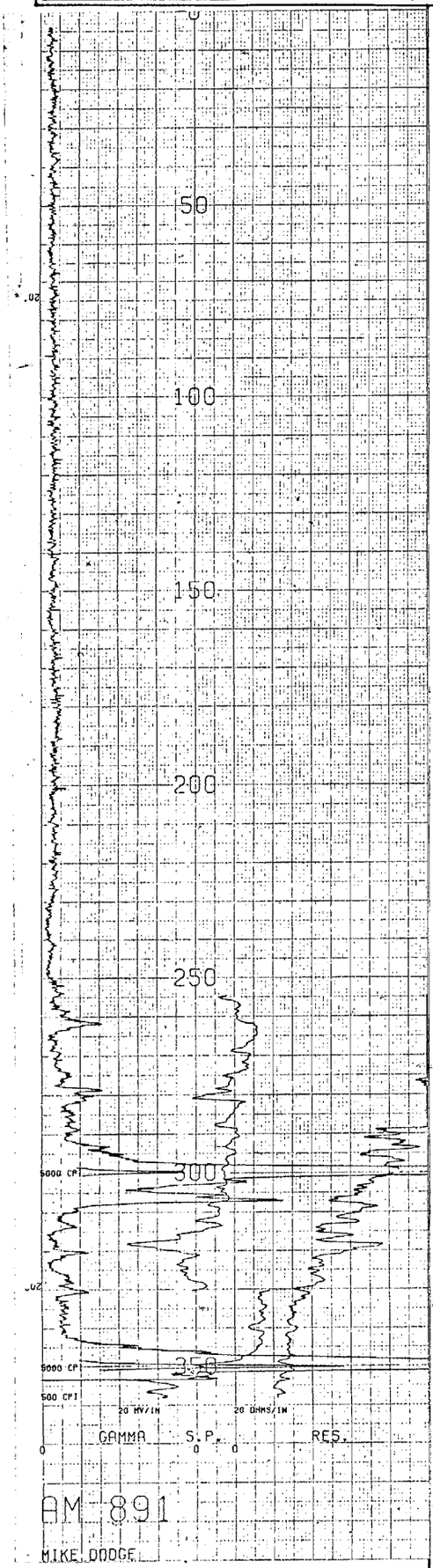
PROJECT ANDERSON MINE HOLE SIZE 6.5 ☑ AIR ☐ WATER HOLE NO. AM 891

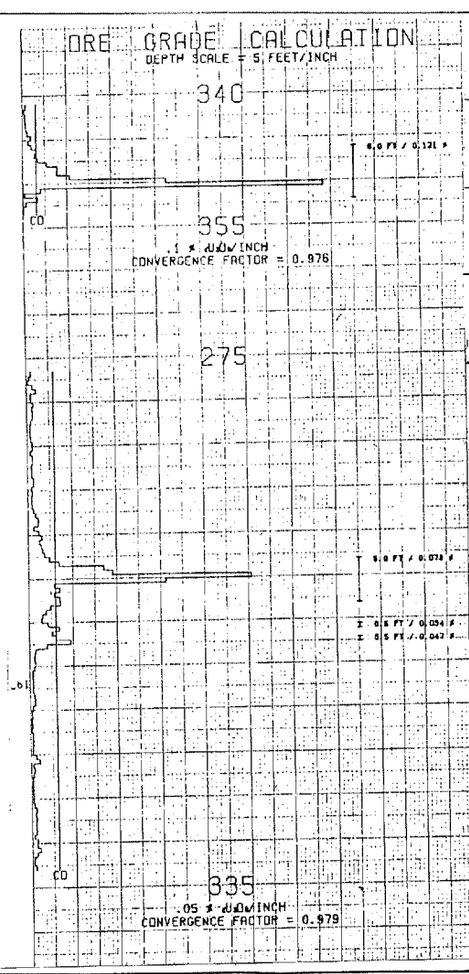
ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 11 APRIL 7[illegible]

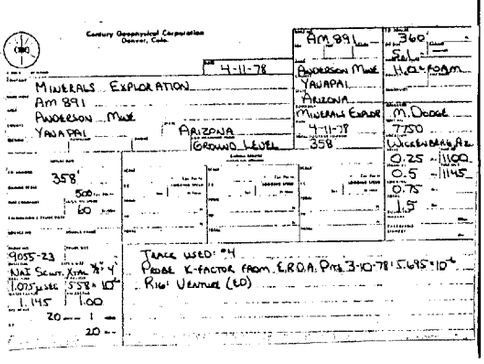
SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 425 P.D. _____

VENTURE

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						0-50 TAN CONG.
						50-170 PINK TO RED CONG.
						170-190 OLIVE GREEN CLAY
						190-225 GRAY BROWN CLAY
						225-245 OLIVE GREEN SILT
						245-300 TAN LAKEBEDS
						300-320 DK. GRAY CARB. CLAY
						320-345 TAN SILTY CLAY
						345-360 BLACK SILTY CLAY AND LIGNITE
						360-400 BLACK SILACEOUS LIGNITE
						400-425 RED ANDESITE







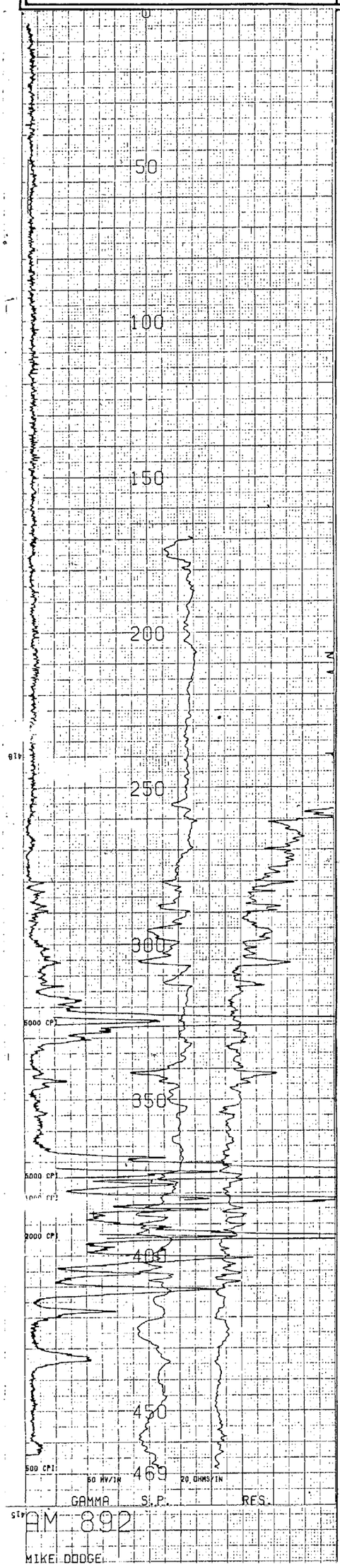
PROJECT _____ HOLE SIZE 6.5 ☑ AIR ☑ WATER HOLE NO. AM 892

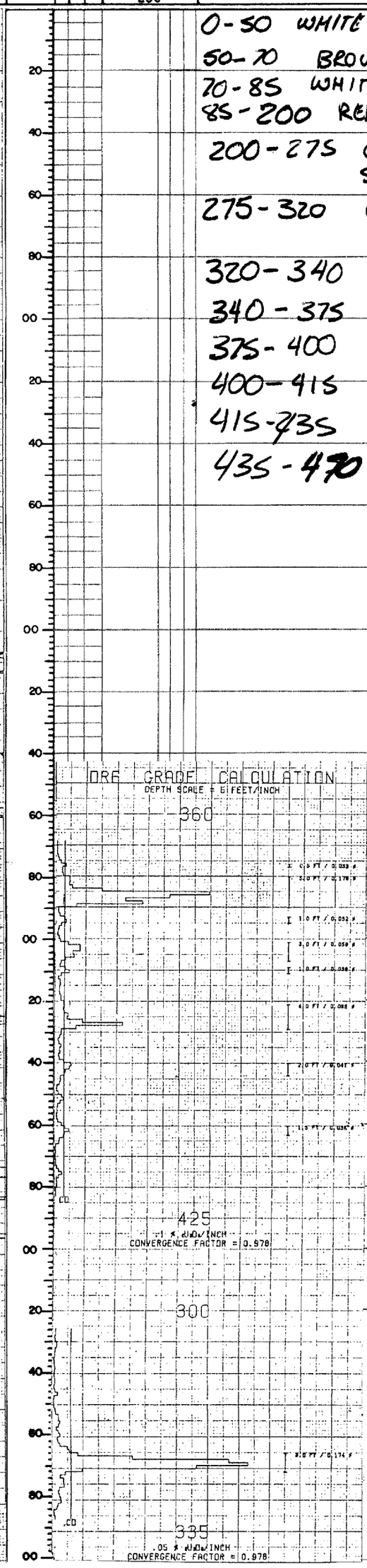
ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 11 APRIL 78

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 470 P.D. _____

VENTURE -

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





0-50 WHITE CONG.
50-70 BROWN CONG.
70-85 WHITE CONG.
85-200 REDDISH BROWN CONG.
200-275 OLIVE GREEN SILTY CLAY
275-320 WHITE SILACEOUS SILT
320-340 DK GRAY CARB. CLAY
340-375 OLIVE GREEN SILT
375-400 DK GRAY CARB. SILT
400-415 BLACK LIGNITE
415-435 DK GREEN CLAY
435-470 RED ANDESITE

Century Geophysical Corporation Denver, Colo.

4-11-78

Minerals Exploration
AM 892
Anderson Mine
Yavapai Arizona
Ground Level

AM 892 | 465 | 6.5 | Hole Foam | Anderson Mine | Yavapai | Arizona | Minerals Exploration | 4-11-78 | 469 | M. Dodge | 7750 | Wilcox Wash A | 0.25 | 2.0 | 0.75 | 3.0

469 | 500 | 60

9055-23 | 1/8
NAT Scint. Xmit. 1:1
1.075 MeV 5.53·10⁻⁴
1.145 1.00
20 — 1 —
50 —

Track used: "L"
Probe K-factor from E.R.D.A. Dtd. 3-10-78: 5.695·10⁻⁴
Rig: Venture (ED)

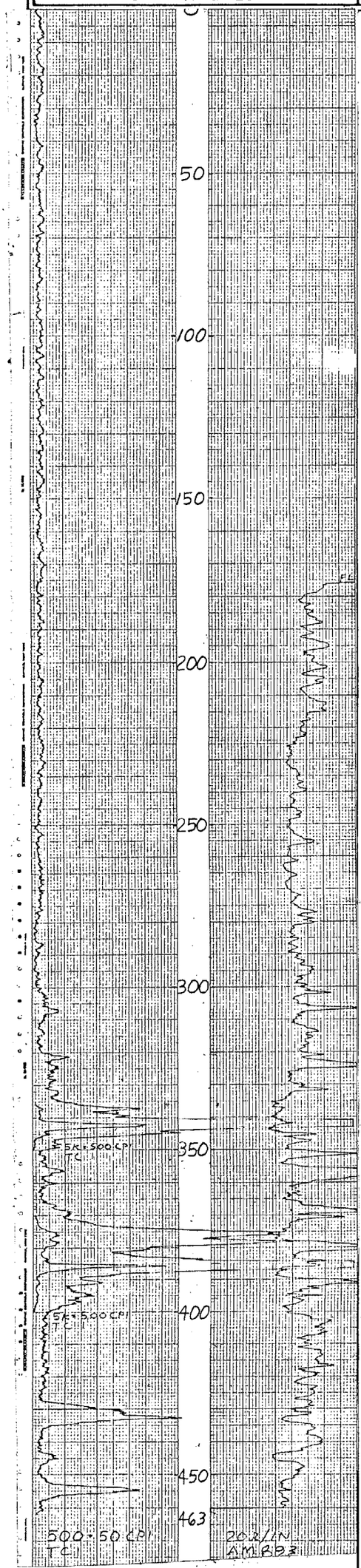
PROJECT _____ HOLE SIZE 5 ☑ AIR ☐ WATER HOLE NO. AM 893

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE APRIL 13 78

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 460 P.D. _____

HARRIS

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



0-20 BROWN CONG.
20-60 WHITE CONG.
60-70 BROWN CONG.
70-80 WHITE CONG.
80-230 BROWN CONG.
230-235 BROWN CLAY
235-275 BROWN SILT
275-340 WHITE SILT
340-355 BLACK LIGNITE
355-370 WHITE SILT
370-400 BLACK LIGNITE AND DK GRAY CLAY
400-440 DK GRAY SAND AND SILT W/ CARBON
440-450 BLACK LIGNITE AND BROWN SILT
450-460 RED ANDESITE

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSON MINE
COUNTY YAVAPAI STATE AZ
GP. ELEV.

SEC.	TWP.	RGE.
DATE	4-13-78	
DEPTH DRILLED	460	
DEPTH LOGGED	463	
FOOTAGE LOGGED		
HOLE DIAMETER	5 1/8	
WATER FACTOR	1.3	
RESISTIVITY	20 OHMS/INCH	
SELF POTENTIAL	— M.V./IN.	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	400	350	
TOP	372	335	
TOTAL FEET	30	15	
SCALE RUN	5K	5K	

HOLE NO. AM 893

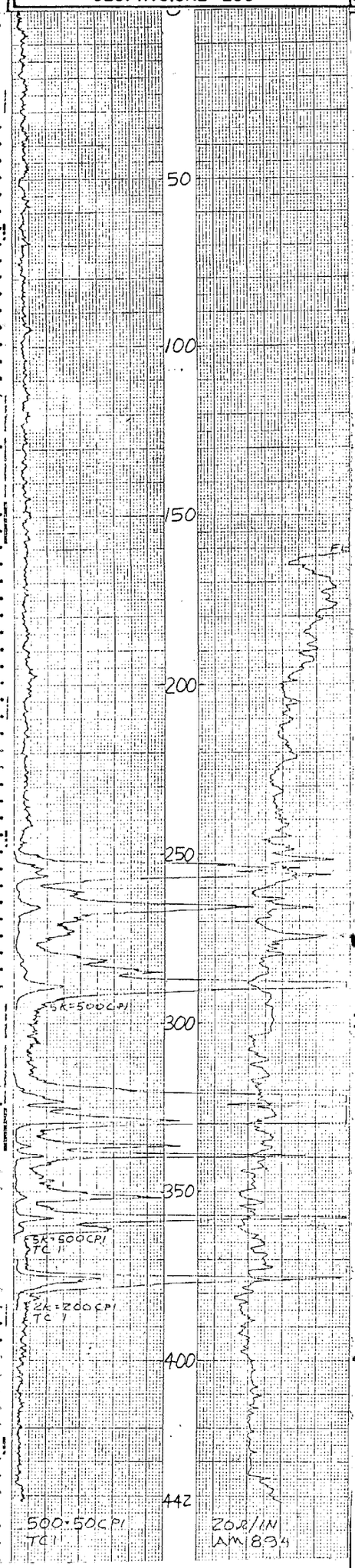
GAMMA SCALE	500-50CPI
PROBE TYPE	SCINT
K-FACTOR	6.3 E-5
DEAD TIME	9.2 ms
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
OPERATOR	ERICKSON
DRILLER	CHARLIE
CONTRACTOR	HARRIS
LAST A.E.C. PT RUN	2-24-78
FLUID LEVEL	175
REMARKS:	

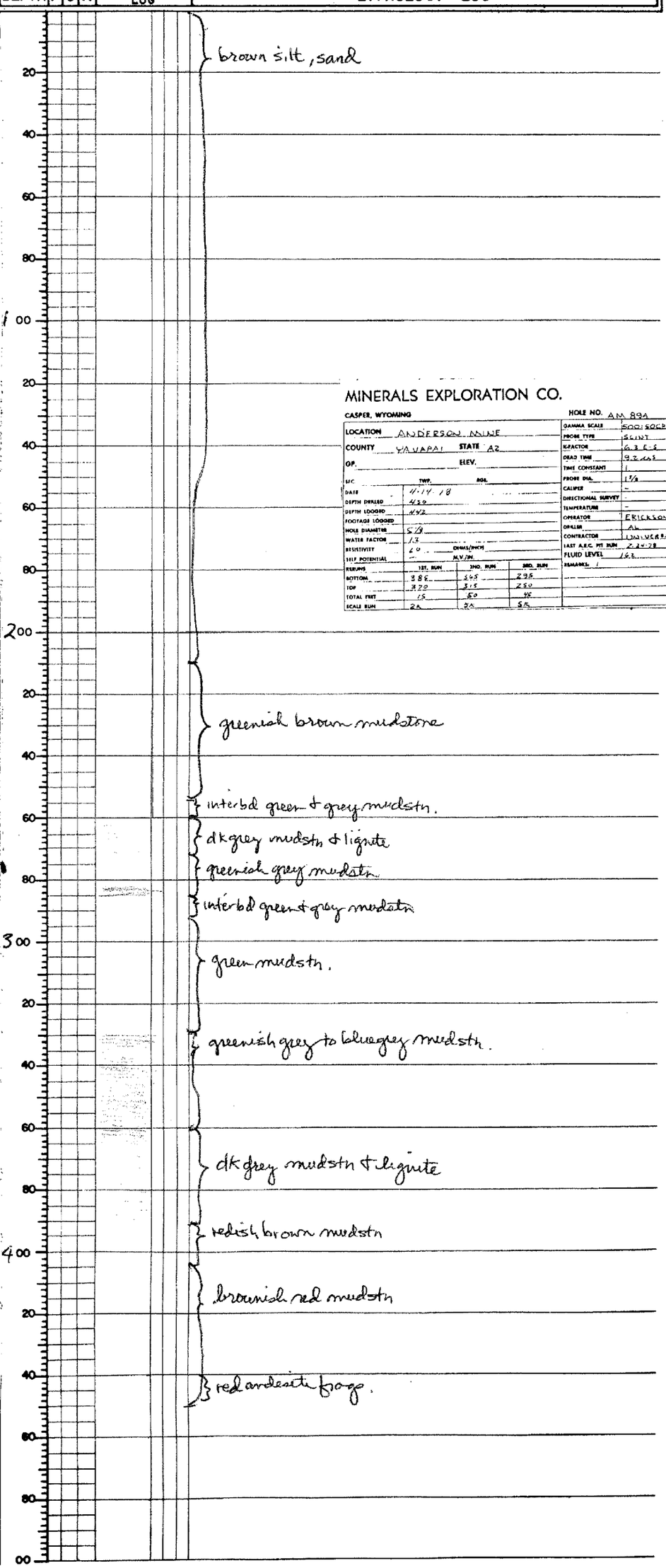
PROJECT ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 894

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K. TAYLOR **DATE** 4/14/78

SECTION _____ **TOWNSHIP** A1 **RANGE** _____ **T.D.** 450 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 894

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI
STATE	AZ
OP.	
ELEV.	
U/C	
TWP.	
RGE.	
DATE	4-14-78
DEPTH DRILLED	450
DEPTH LOGGED	442
FOOTAGE LOGGED	
HOLE DIAMETER	5 7/8
WATER FACTOR	1.7
RESISTIVITY	20 OHMS/INCH
SELF POTENTIAL	– MV/IN

	1ST. RUN	2ND. RUN	3RD. RUN
RUN NO.			
BOTTOM	386	445	295
TOP	370	315	250
TOTAL FEET	15	50	45
SCALE RUN	2K	2K	5K

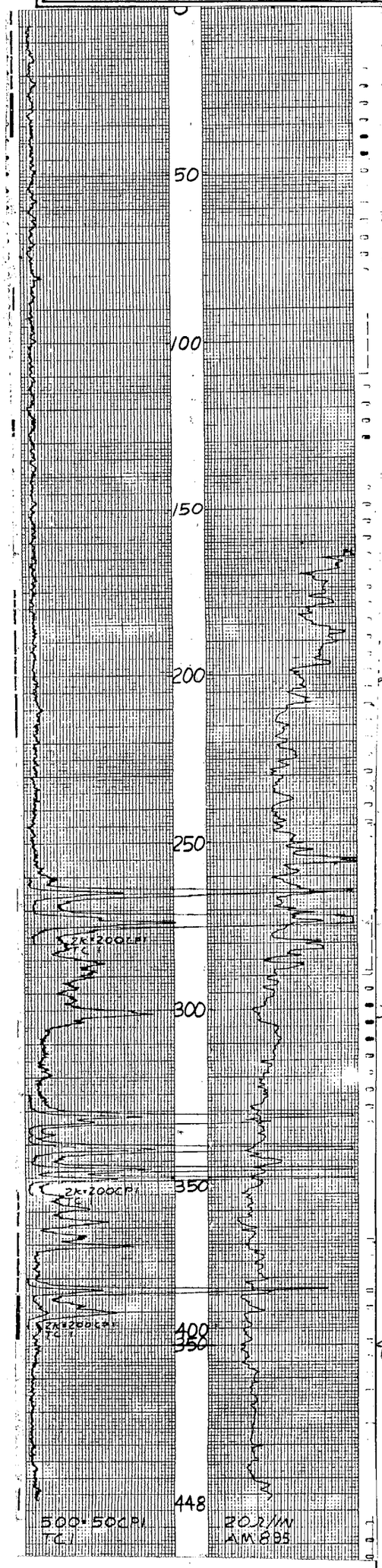
GAMMA SCALE	500:50CPI
PROBE TYPE	SCINT
K-FACTOR	6.3 E-5
DEAD TIME	9.2 μS
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	–
DIRECTIONAL SURVEY	–
TEMPERATURE	–
OPERATOR	ERICKSON
DRILLER	AL
CONTRACTOR	LINCUGRAN
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	16.5
REMARKS	

PROJECT ANDERSON MINE **HOLE SIZE** _____ ☑ AIR ☐ WATER **HOLE NO.** AM 895

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K TAYLOR **DATE** 4/13/78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 455 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



brown silt, sand

green mudstone

interbd dk grey, green, brown mudstn. & lignite

greyish blue green mudstn.

~~green~~ med-coarse sand, green mudstn.

interbd dk grey, grey, green, brown mudstns. siliceous

dk gray clay & lignite

green mudstn.

~~sand~~ coarse grn sand, andesitic red

andesite frag (red)

MINERALS EXPLORATION CO.

CASPER, WYOMING — HOLE NO. AM 895

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI
STATE	AZ
GP.	
ELEV.	
SEC.	
TWP.	
RGE.	
DATE	4-13-78
DEPTH DRILLED	450
DEPTH LOGGED	448
FOOTAGE LOGGED	
HOLE DIAMETER	5 1/8
WATER FACTOR	1.3
RESISTIVITY	20 OHMS/INCH
SELF POTENTIAL	— MV./IN.

RUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	~~344~~ 395	355	280
TOP	~~339~~ 380	325	260
TOTAL FEET	15	30	20
SCALE RUN	2K	2K	2K

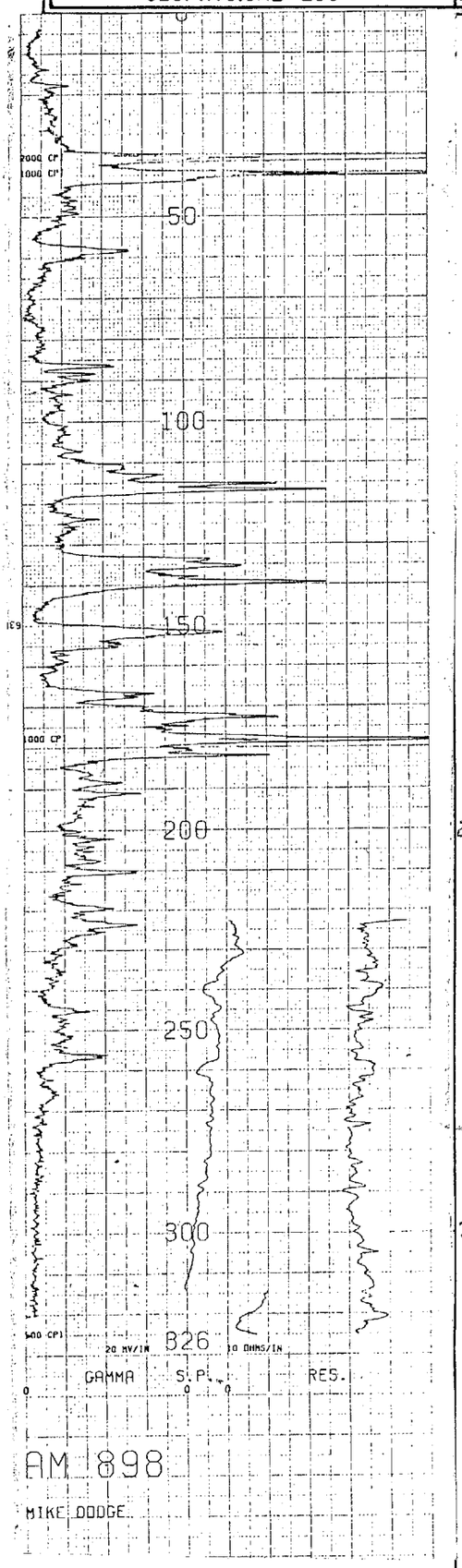
GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	6.3 E-5
DEAD TIME	9.2 μsec
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	–
DIRECTIONAL SURVEY	–
TEMPERATURE	–
OPERATOR	ERICKSON
DRILLER	AL
CONTRACTOR	UNIVERSAL
LAST A.E.C. FIT RUN	2-24-78
FLUID LEVEL	165
REMARKS	

PROJECT ANDERSON MINE **HOLE SIZE** _____ ☑ AIR ☐ WATER **HOLE NO.** AM 898

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

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 330 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Depth	Lithology
	grey green to lt grey mudstn.
20	grey mudstn.
	grey green mudstn.
40	greenish brown mudstn.
	grey green siliceous mudstn.
	lt green to white mudstn.
60	brownish green mudstn
	brownish green siliceous mudstn.
	lt green mudstn
80	green mudstn
	lt green to white mudstn.
	grey green mudstn.
100	grey green siliceous mudstn, orange chert.
	tanish green mudstn.
20	grey brown mudstn
	blue grey mudstn (carb?)
40	dk grey mudstn, lignite
	tan mudstn
	grey, grey brown mudstn & lignite
60	brownish green mudstn, orange chert.
	lt brown mudstn.
80	red brown mudstn.
	greenish brown mudstn
200	yellow brown mudstn.
20	
40	
	brown mudstn.
60	
	red brown mudstn
80	brown mudstn.
300	brownish red mudstn
20	
40	
60	
80	
00	
20	
40	
60	
80	
00	

Century Geophysical Corporation
Denver, Colo.

4-1-78

MINERALS EXPLORATION
AM 898
ANDERSON MINE
YAVAPAI ARIZONA
GROUND LEVEL

AM 898
ANDERSON MINE
YAVAPAI
ARIZONA
MINERALS EXPLR
4-1-78
326'

330'
S.I.
H.O. FOAM
M. DODGE
7750
WILKENBERG, AZ.
0.25 - 1900
0.5 - 1945
0.75
1.5

326'
500
60

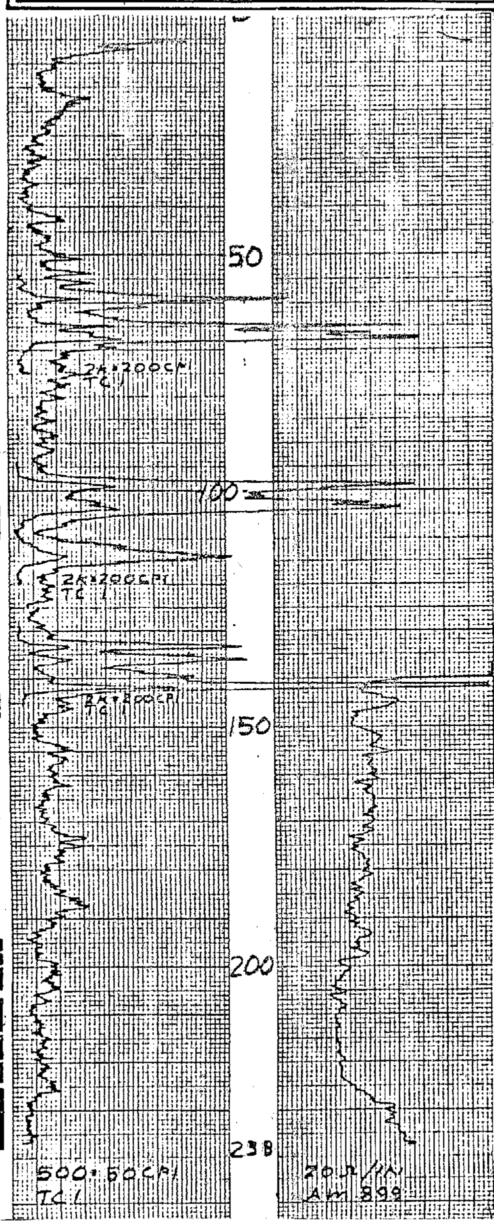
9055-23 1¼
N.A.I. SCINT. XTAL ⅞"×4
1.075 WIDE 5.58×10⁻⁶
1.135 1.00
10 1
20

TRACK USED: #2
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695×10⁻⁶
RIG: UNIVERSAL (AL)

PROJECT: ANDERSON MINE | HOLE SIZE: ______ | ☑ AIR ☐ WATER | HOLE NO.: AM899

ELEVATION: ______ | NORTH: ______ | EAST: ______ | LOGGED BY: K. TAYLOR | DATE: 3/20/78

SECTION: ______ | TOWNSHIP: ______ | RANGE: ______ | T.D.: 240 | P.D.: ______

GEOPHYSICAL LOG	DEPTH	LITHOLOGY	GEOCHEMISTRY
	0–20	siliceous, green, to grey green mudstone	
	20–40	interbd green mudstone + lt. green to white calc(?) mudstn.	
	40–60	red chert; green mudstone, highly siliceous	
	60–80	light green calc(?) mudstone	
	80–100	interbd green + pinkish mudstone, siliceous zones,	
	100–120	carbonaceous zone, grey mudstone, interbd lignite.	
	120–140	purplish grey mudstone.	
	140–160	redbrown mudstn.; greenish brown mudstone.	
	160–230	orangish brown mudstone	
	230–240	redbrown mudstone; 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, 20, 40, 60, 80, 00

CASPER, WYOMING

AREA: ANDERSON MINE		HOLE NO.: Am 899
GRID POINT	ELEVATION	GAMMA - GAMMA DENSITY
COUNTY: YAVAPAI	STATE: AZ	
SEC.	TWP.	RGE.

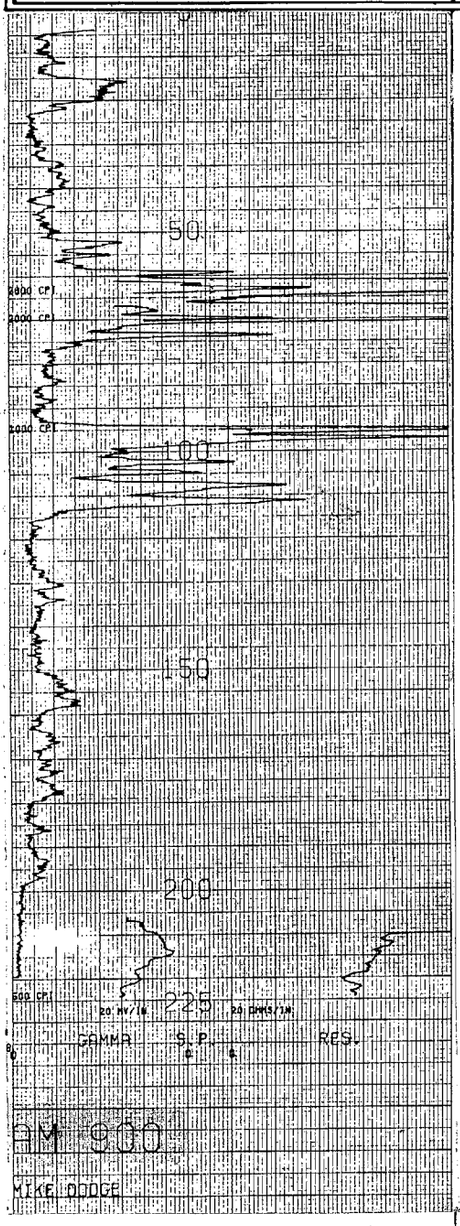
BOREHOLE DATA		LOG DATA	
DATE	3-21-78	TOTAL DEPTH LOGGED	238 ft.
DRILLER	AL/UNIVERSAL	TOTAL DEPTH	ft.
DRILLER DEPTH	240 ft.	LOG SPEED	15 ft./min.
BIT SIZE	6¾ in.	LOG SCALE	500/50 CPS-CK; T.C. 1
FLUID LEVEL	ft.	DETECTOR TYPE: NaI	DETECTOR SIZE
CSA	K. GOODE, ALLISON	DISCRIMINATED	CALIBRATED
		SOURCE TYPE	SOURCE SIZE
REMARKS	BROWN	VEH. NO.	61
	BOT 196 120 25	OPERATOR	ERICKSON
	TOP 130 95 53		
	TOT 15 25 20		
	T 25 25 25		

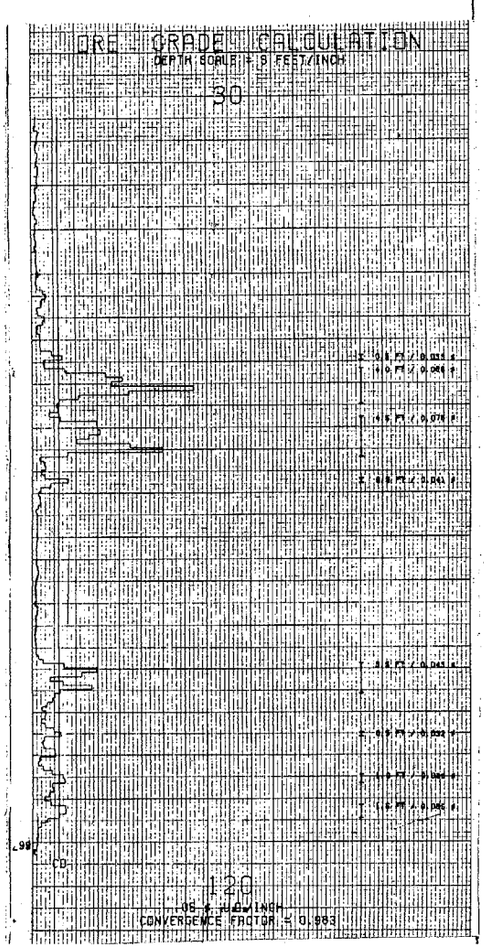
PROJECT ANDERSON MINE **HOLE SIZE** _____ ☑ AIR ☐ WATER **HOLE NO.** AM 900

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

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 225 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	LITHOLOGY	GEOCHEMISTRY





green to lt green mudstn.

interbd green + red mudstn, highly siliceous

highly siliceous green mudstn.

red + brown chert

lignite — carbonaceous zone, grey, grey brown, blue grey mudstn. lignitic zones.

lignite

olive brown mudstn.

brown mudstn.

yellow brown mudstn.

interbd yellow brown + red brown mudstn.

purplish red mudstn.

andesite frags

Century Geophysical Corporation
Denver, Colo.

3-21-78

MINERALS EXPLORATION
AM 900.
ANDERSON MINE
YAVAPAI ARIZONA
GROUND LEVEL

AM900
ANDERSON MINE
YAVAPAI
ARIZONA
MINERALS EXPLOR
3-21-78
225'

225'
500
60

9055-23 1 7/8
N+I SCINT. XTAL 7/8"×4"
1.075 μ SEC. 5.58×10⁻⁴
1.135 1.00
20 1
20

TRACE USED: 2
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695×10⁻⁴
RUN: UNIVERSAL (AL)

225'
5 1/4
MUD
M. DODGE
7750
WICKENBURG, AZ.
2.5 - 0.930
- 1.015
0.75 -
3.25 -