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Denver, Colo.

C-366-E SP 117488

Field	Value
Bore hole	AM 911
Total depth	330' Ft.
Sec. / Twp. / Range	
Bit size	5 1/8 In.
Casing	—
Date	4-1-78
Area	Anderson Mine
Bore hole fluid	H2O & FOAM
Company	Minerals Exploration
County	Yavapai
Density / Viscosity	
Bore hole	AM 911
State	Arizona
Resistivity	
Area	Anderson Mine
Company	Minerals Explor.
Operator	M. Dodge
County	Yavapai
State	Arizona
Date	4-1-78
Unit No.	7750
Section / Township / Range	
Log measured from	Ground Level
Total footage logged	326'
Location	Wickenberg, Az

Initial run		Gamma reruns (Initial run offscale)					
T.D. logged	326'	Scale = Cps. Per In	Scale = Cps. Per In.	Scale = Cps. Per In.	Drive	0.25 Hrs.	Time in 1445
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	— Hrs.	Time out 1530
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	1.0 Hrs.	
Source No.	Source value	Total	Total	Total	Roundtrip mileage	Miles	
					Chargeable standby	Hrs.	

Field	Value
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	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}
RIG: UNIVERSAL (AL)

SELF POTENTIAL — MV +
NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY
RESISTANCE OHMS

AM 911

MIKE DODGE

ORE GRADE CALCULATION
DEPTH SCALE = 5 FEET/INCH

.01 % eU3O8/INCH
CONVERGENCE FACTOR = 0.980

.02 % eU3O8/INCH
CONVERGENCE FACTOR = 0.981

.05 % eU3O8/INCH
CONVERGENCE FACTOR = 0.978

Denver, Colo.

1	3-21-78	AM 912	235'
			5.1
		ANDERSON MINE	H.O. FOAM
		YAVAPAI	
		ARIZONA	
		MINERALS, EXPLOR	M. DODGE
		3-21-78	T750
		236'	WICKENBERG, AZ
			0.25 - 1200
			1245
			0.75
			1.0

MINERALS EXPLORATION	
AM 912	
ANDERSON MINE	
YAVAPAI	ARIZONA
GROUND LEVEL	236'
236'	
500	
60	
1 1/8	
1.00	
10	

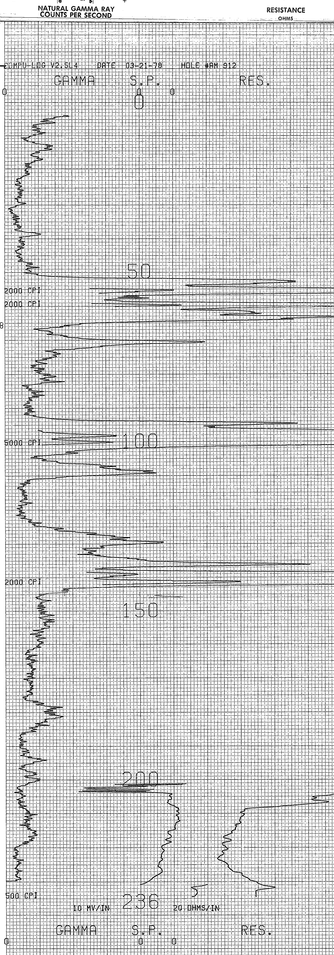
9055-23	TRACK USED: #1
NaI Scint. Xtal 3"x4"	PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.685×10⁻⁶
L075 USEC 5.58×10⁻⁶	RIG: UNIVERSAL (AL)
1.135 1.00	
20	

SELF POTENTIAL

NATURAL GAMMA RAY COUNTS PER SECOND

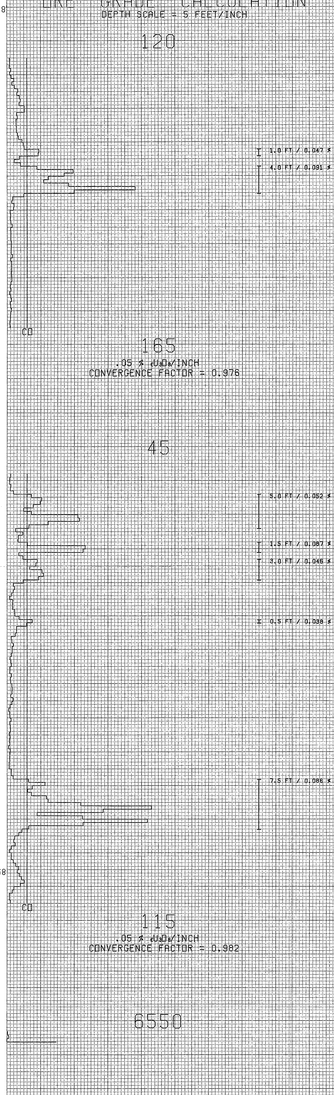
DENSITY

RESISTANCE OHMS



AM 912

MIKE DODGE



Century Geophysical Corporation
Denver, Colo.

C-100-A
10-70 M

SEC.	AM 913
SURVEY	
LOCATION	
RUN NO.	
DATE	3-29-78
OPR.	MINERALS EXPLORATION
AREA	AM 913
COUNTY	ANDERSON MINE
STATE	YAVAPAI ARIZONA
ELEVATION	GROUND LEVEL
RECORDED BY	
WITNESSED BY	

SET AT	215'
CASING	5/8
DRILLER'S DEPTH	—
MUD TYPE	LIGNOSITE MUD
RESISTIVITY	
SOURCE	
R	
TEMP.	
LOCATION	ANDERSON MINE
OPR.	MINERALS EXPLR
DATE	3-29-78
RUN NO.	
DEPTH DRILLER	212'
DEPTH LOGGER	212'
BTM. LOG INTERVAL	212'
TOP LOG INTERVAL	SURFACE
CASING	—
TYPE FLUID IN HOLE	LIGNOSITE MUD
DENS.	—
VISC.	—
PH	—
FLUID LOSS	—
SOURCE OF SAMPLE	FLOWLINE
RM @ MEAS. TEMP.	0.25 @ 60°
RMF @ MEAS. TEMP.	0.75 @ 60°
RMC @ MEAS. TEMP.	1.0 @ —
SOURCE: RMF / RMC	MEASURED
RM @ BHT	CALCULATED

TIME SINCE CIRC.	12 HRS.	MAX. REC. TEMP.	60° F.
EQUIP. NO.	1055-23	LOCATION	1/4
RECORDED BY	DAVE SMITH, KEN, TIM	WITNESSED BY	

TRACE USED: 23
GRAPH K-FACTOR FROM E.R.D.A. P.73 3-10-78 · 5.695 × 10⁻⁶
RIG: HARRIS (JIMMY)

CASING SHOE	212'	TYPE FLUID IN HOLE	LIGNOSITE MUD
GAMMA SCALE	500 CPS Per In.	DENS.	—
TIME CONSTANT	60 Sec.	VISC.	—
CALIBRATION # PRIOR RUNS		PH	—
SONDE NO.	SONDE VALUE	FLUID LOSS	—
LOG RUN NO.	1	SOURCE OF SAMPLE	FLOWLINE
TIE LINE #	1	RM @ MEAS. TEMP.	0.25 @ 60°
		RMF @ MEAS. TEMP.	0.75 @ —
		RMC @ MEAS. TEMP.	1.0 @ —
		SOURCE: RMF / RMC	MEASURED
		RM @ BHT	CALCULATED

CASING SHOE	212'	TYPE FLUID IN HOLE	LIGNOSITE MUD
GAMMA SCALE	500 CPS Per In.	DENS.	—
TIME CONSTANT	60 Sec.	VISC.	—
CALIBRATION # PRIOR RUNS		PH	—
SONDE NO.	SONDE VALUE	FLUID LOSS	—
LOG RUN NO.	1	SOURCE OF SAMPLE	FLOWLINE
TIE LINE #	1	RM @ MEAS. TEMP.	0.25 @ 60°
		RMF @ MEAS. TEMP.	0.75 @ —
		RMC @ MEAS. TEMP.	1.0 @ —
		SOURCE: RMF / RMC	MEASURED
		RM @ BHT	CALCULATED

CASING SHOE	212'	TYPE FLUID IN HOLE	LIGNOSITE MUD
GAMMA SCALE	500 CPS Per In.	DENS.	—
TIME CONSTANT	60 Sec.	VISC.	—
CALIBRATION # PRIOR RUNS		PH	—
SONDE NO.	SONDE VALUE	FLUID LOSS	—
LOG RUN NO.	1	SOURCE OF SAMPLE	FLOWLINE
TIE LINE #	1	RM @ MEAS. TEMP.	0.25 @ 60°
		RMF @ MEAS. TEMP.	0.75 @ —
		RMC @ MEAS. TEMP.	1.0 @ —
		SOURCE: RMF / RMC	MEASURED
		RM @ BHT	CALCULATED

SELF POTENTIAL

\- 0 +

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS

COMPU-LOG V2.5L4 DATE 03-29-78 HOLE #AM 913

GAMMA S.P. RES.

0 0 0

50

100

150

200

212

2000 CPS
1500 CPS
2000 CPS
1000 CPS

500 CPS

20 MV/IN 20 OHMS/IN

GAMMA S.P. RES.

0 0 0

AM 913

MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH

85

Σ

1.5 FT / 0.051 %
2 0.5 FT / 0.031 %
1.5 FT / 0.047 %
2.0 FT / 0.046 %
2 0.5 FT / 0.043 %

CO

115

.01 % eU₃O₈/INCH
CONVERGENCE FACTOR = 0.978

35

1.0 FT / 0.051 %
7 8.0 FT / 0.063 %

CO

85

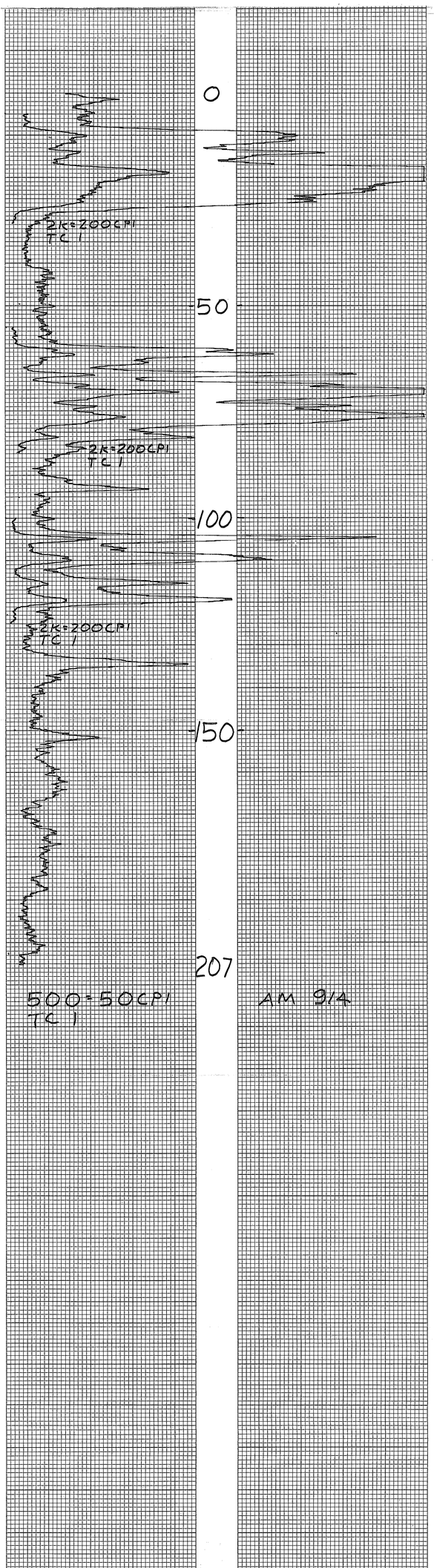
.02 % eU₃O₈/INCH
CONVERGENCE FACTOR = 0.976

MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM 914

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI **STATE** AZ		
GP.	**ELEV.**		
SEC.	**TWP.**	**RGE.**	
DATE	4-3-78		
DEPTH DRILLED	215		
DEPTH LOGGED	207		
FOOTAGE LOGGED			
HOLE DIAMETER	5		
WATER FACTOR	—		
RESISTIVITY	— **OHMS/INCH**		
SELF POTENTIAL	— **M.V./IN.**		
RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	125	85	30
TOP	100	55	5
TOTAL FEET	25	30	25
SCALE RUN	2k	2K	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	JIM
CONTRACTOR	HARRIS
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM 915

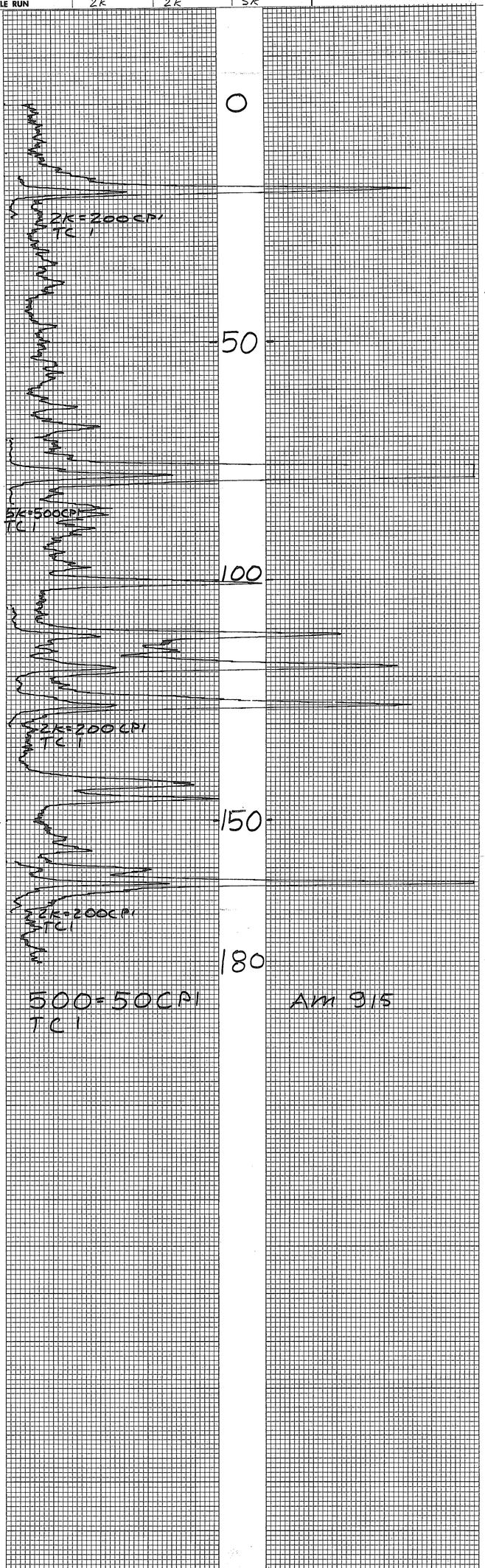
LOCATION	ANDERSON MINE
COUNTY	YAVAPAI **STATE** AZ
GP.	**ELEV.**
SEC.	**TWP.** **RGE.**
DATE	4-2-78
DEPTH DRILLED	180
DEPTH LOGGED	182
FOOTAGE LOGGED	
HOLE DIAMETER	5⅞
WATER FACTOR	–
RESISTIVITY	– OHMS/INCH
SELF POTENTIAL	– M.V./IN.

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	170	130	85
TOP	160	105	70
TOTAL FEET	10	25	15
SCALE RUN	2K	2K	5K

GAMMA SCALE	500=50CPI
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	JIM
CONTRACTOR	HARRIS
LAST A.E.C. PIT RUN	2-24-78

FLUID LEVEL

REMARKS:



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Century GeoPhysical Corporation
Denver, Colo.

C-366-E SP 117488

DATE 4-10-78

COMPANY MINERALS EXPLORATION

BORE HOLE AM 916

AREA ANDERSON MINE

COUNTY YAVAPAI STATE ARIZONA

SECTION TOWNSHIP RANGE LOG MEASURED FROM GROUND LEVEL

HOLE	AM 916
SEC. TWP. RANGE	
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
COMPANY	MINERALS EXPLOR.
DATE	4-10-78
TOTAL FOOTAGE LOGGED	160'

DEPTH	160' Ft.
BIT SIZE	5 1/4 In.
CASING	—
BORE HOLE FLUID	H2O+FOAM
DENSITY	VISCOSITY
RESISTIVITY	
OPERATOR	M. DODGE
UNIT NO.	7750
LOCATION	WICKENBERG, AZ
DRIVE	0.25 Hrs.
TIME IN	1945
STAND BY	Hrs.
TIME OUT	2015
LOGGING	0.5 Hrs.
TOTAL	0.75 Hrs.
ROUNDTRIP MILEAGE	Miles
CHARGEABLE STANDBY	Hrs.

INITIAL RUN	GAMMA RERUNS (Initial run offscale)		
T.D. LOGGED 160'	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. 9055-23 PROBE SIZE 1 7/8 In.
DETECTOR NAI SCINTILLATION TYPE & SIZE 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 20 Ohms per 1 Inches
S.P. 20 Mv/In.

TRACK USED: #4
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.645 x 10⁻⁶
RIG: HARRIS (JIMMY)

SELF POTENTIAL
– MV +
NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY
RESISTANCE OHMS

21 COMPU-LOG V2.5L4 DATE 04-10-78 HOLE #AM 916

GAMMA S.P. RES.
0 0 0

0

50

5000 CPI

100

150

500 CPI

160

20 MV/IN 20 OHMS/IN

GAMMA S.P. RES.
0 0 0

AM 916

MIKE DODGE

21

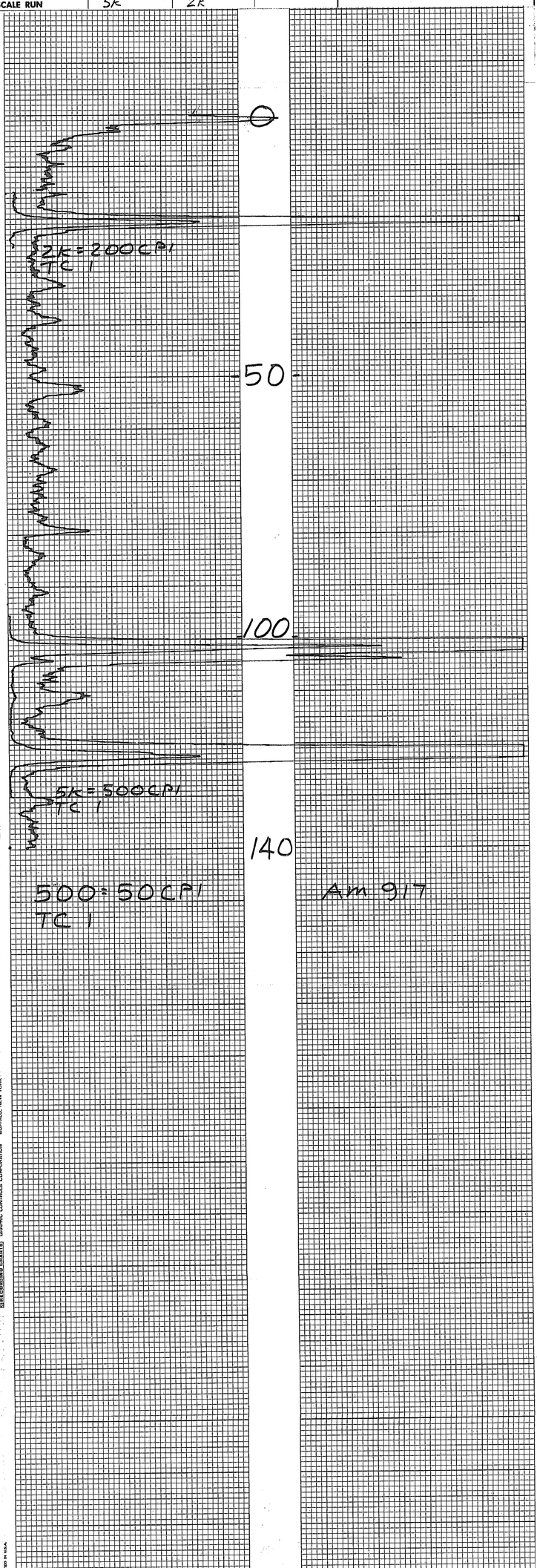
MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** Am 917

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

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

DATE	4-1-78		
DEPTH DRILLED	140		
DEPTH LOGGED	140		
FOOTAGE LOGGED			
HOLE DIAMETER	5 7/8		
WATER FACTOR	–		
RESISTIVITY	– OHMS/INCH		
SELF POTENTIAL	– M.V./IN.		
RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	130	25	
TOP	105	15	
TOTAL FEET	35	10	
SCALE RUN	5K	2K	



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MINERALS EXPLORATION CO.

CASPER, WYOM

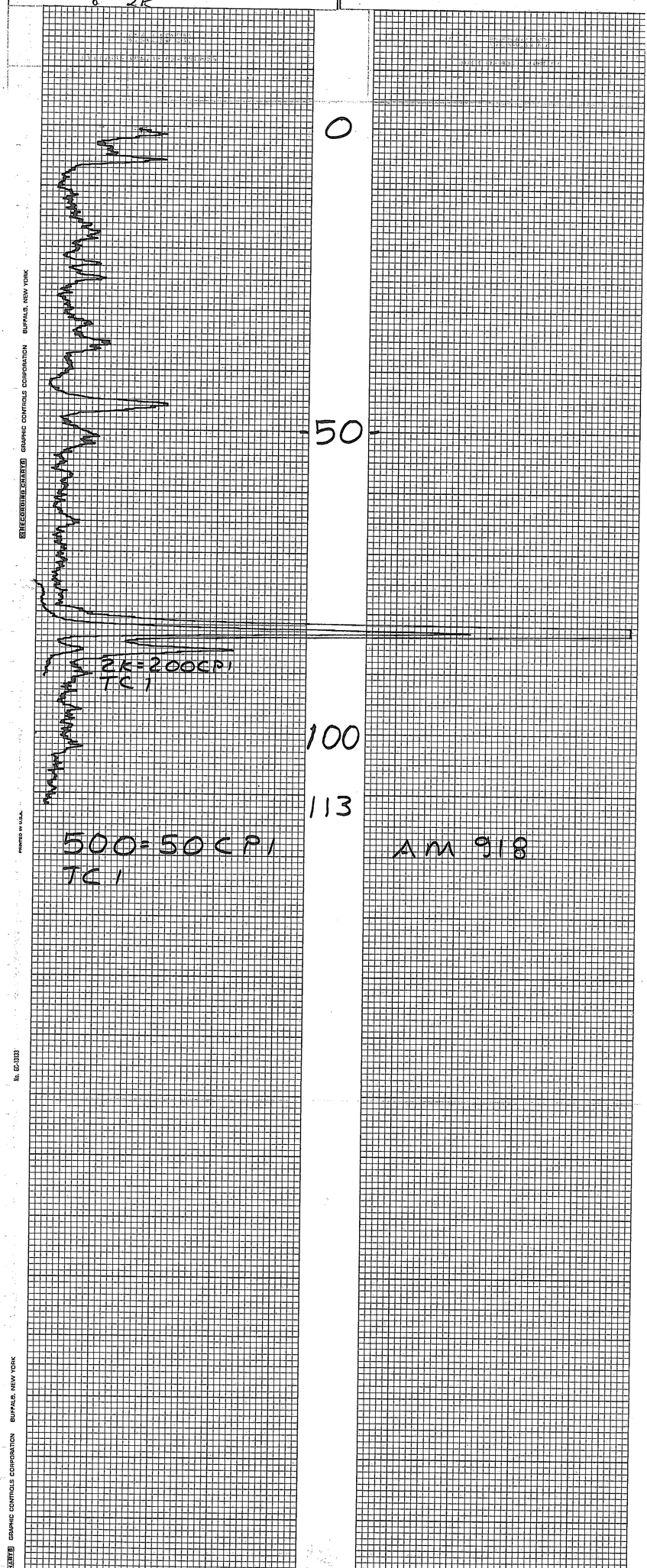
AREA ANDERSON MINE		
GRID POINT	ELEVATION	HOLE NO. AM 918
COUNTY YAVAPAI	STATE AZ	~~GAMMA - GAMMA DENSITY~~
SEC.	TWP.	RGE.

BOREHOLE DATA

DATE	3-21-78
DRILLER	DENNIS / VENTURE
DRILLER DEPTH	115 FT.
BIT SIZE	6 IN.
FLUID LEVEL	FT.
CSG.	K=6.00 E-5, Dt=9.2µs
	RERUN
REMARKS	BOT 90
	TOP 75
	TOT 15
	& 2K

LOG DATA

TOTAL DEPTH LOGGED	113	FT.	
TOTAL FOOTAGE LOGGED	128	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		



Century Geophysical Corporation
Denver, Colo.

C-366-E SP 117488

HOLE NO.	AM 919
SEC. / TWP. / RANGE	
T.D. DRILLED	95' Ft.
BIT SIZE	6.5 In.
CASING	—
DATE	3-20-78
AREA	ANDERSON MINE
BORE HOLE FLUID	DRY
COMPANY	MINERALS EXPLORATION
COUNTY	YAVAPAI
DENSITY	
VISCOSITY	
BORE HOLE	AM 919
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	96'
LOCATION	WICKENBERG, AZ.

INITIAL RUN		GAMMA RERUNS (Initial run offscale)		
T.D. LOGGED	96'	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

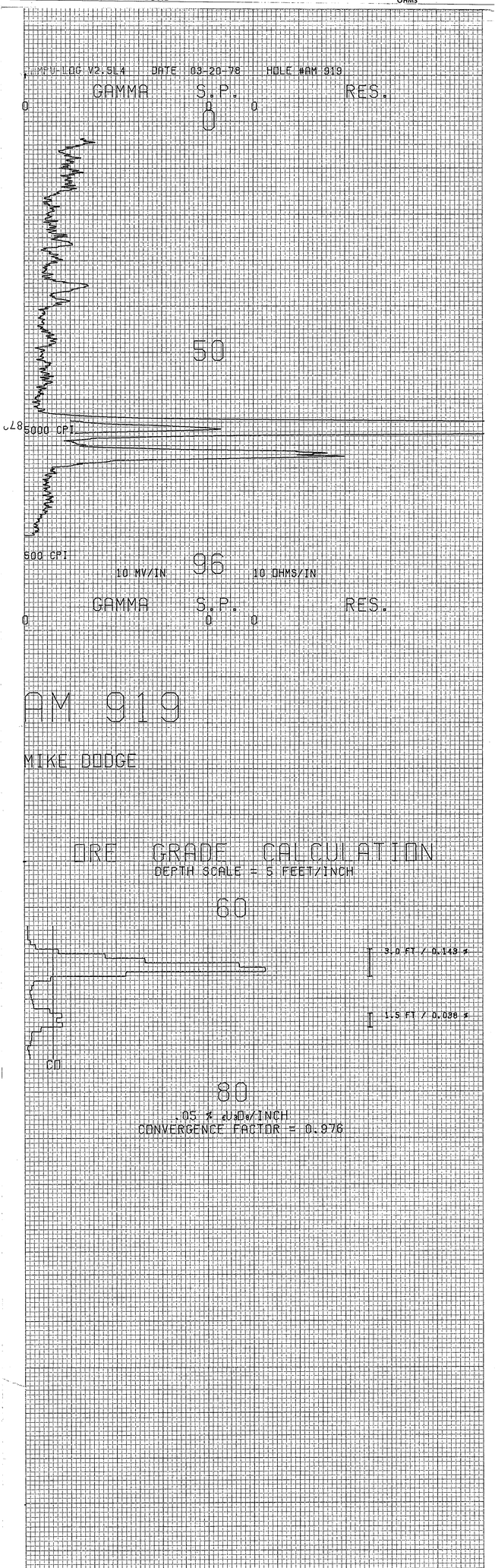
DEPOT	0.25 Hrs.
TIME IN	1515
STAND BY	— Hrs.
TIME OUT	1545
LOGGING	0.5 Hrs.
TOTAL	0.75 Hrs.
ROUNDTRIP MILEAGE	Miles
CHARGEABLE STANDBY	Hrs.

PROBE NO.	9055-23
PROBE SIZE	1 7/8 In.
DETECTOR	NaI Scint.
TYPE & SIZE	Xtal 7/8x4
DEAD TIME	5.58 μ sec.
K FACTOR	5.58×10^{-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: 5.695×10^{-6}
RIG: VENTURE (DENNIS)

SELF POTENTIAL
− MV +
NATURAL GAMMA RAY
COUNTS PER SECOND

DENSITY
RESISTANCE
OHMS



MINERALS EXPLORATION CO.

AM 920

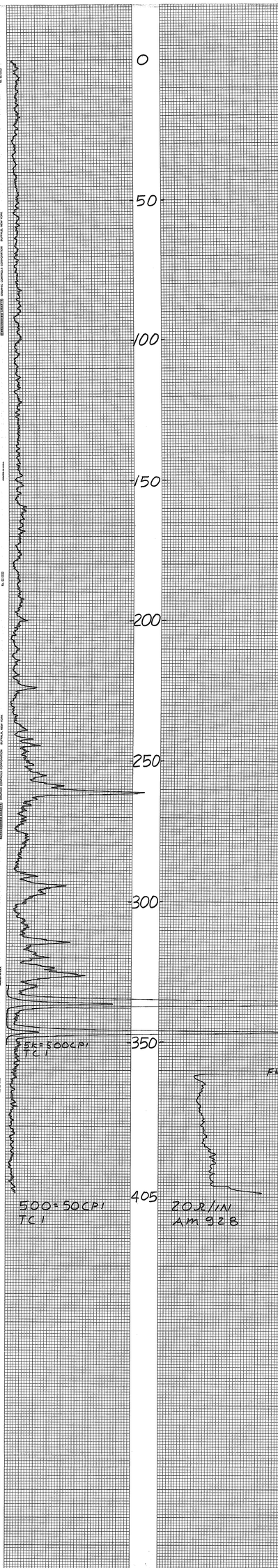
CASPER, WYOMING

HOLE NO. AM 920

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI STATE AZ
GP.	ELEV.

SEC.	TWP.	RGE.	
DATE	4-13-78		
DEPTH DRILLED	420		
DEPTH LOGGED	405		
FOOTAGE LOGGED			
HOLE DIAMETER	5 7/8		
WATER FACTOR	1.2		
RESISTIVITY	20	OHMS/INCH	
SELF POTENTIAL	–	M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	350		
TOP	330		
TOTAL FEET	20		
SCALE RUN	5K		

GAMMA SCALE	500-50CPS
PROBE TYPE	SCINT
K-FACTOR	G.3 E-5
DEAD TIME	9.2 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	361
REMARKS:	

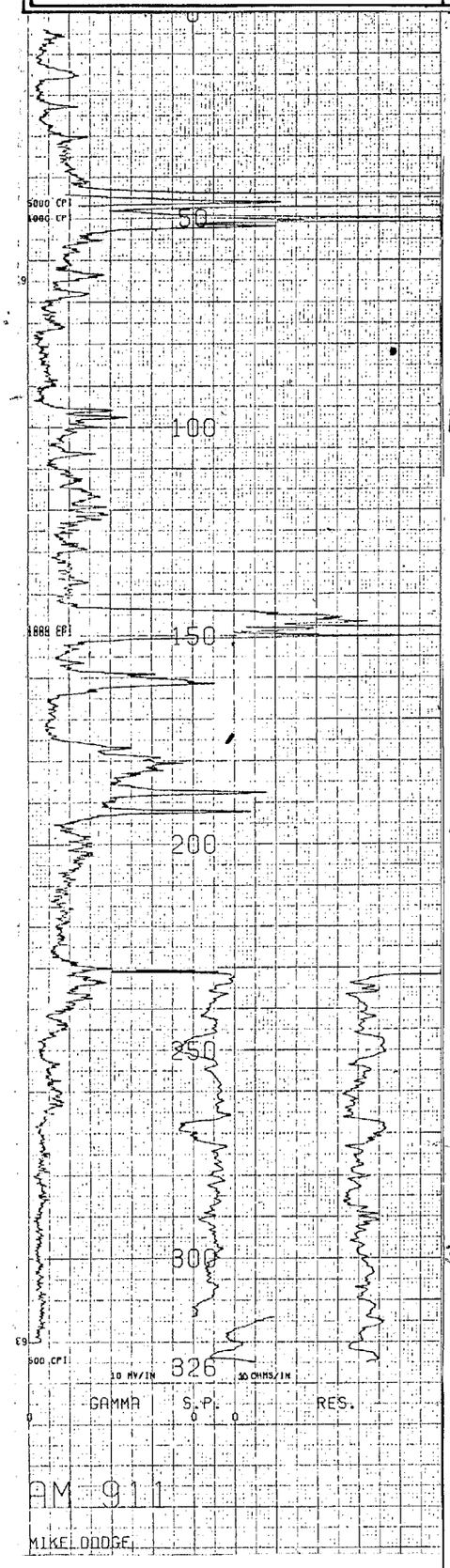


PROJECT ANDERSON MINE HOLE SIZE ☑ AIR ☐ WATER HOLE NO. AM 911

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
0–20	lt. grey green to lt green to white mudstn.
20–40	green mudstn.
40–60	yellow green mudstn.
	grey green siliceous mudstn.
60–80	green siliceous mudstn.
	green to lt. green mudstone
80–100	lt green to white mudstn.
100–20	brownish green mudstn.
	lt green to white mudstn.
20–40	brownish green mudstn, little red chert
	interbd green + pink mudstn.
	tan mudstn.
40–60	interbd blue grey to grey brown mudstn.
	grey mudstn + lignite
	lt blue grey mudstn.
	grey mudstn + lignite
60–80	grey green mudstn.
	lt grey green siliceous mudstn.
	greyish purple mudstn
80–200	interbd tan + brown mudstn.
	red brown mudstn
	yellow brown mudstn
	greenish brown mudstn.
200–20	orangish brown mudstn.
20–60	greenish brown mudstn.
60–80	chocolate brown mudstn.
	red brown mudst.
80–300	brown mudstn
300–20	red brown mudstn

Century Geophysical Corporation
Denver, Colo.

4-1-78

MINERALS EXPLORATION
AM 911
ANDERSON MINE
YAVAPAI ARIZONA
GROUND LEVEL

AM 911
ANDERSON MINE
YAVAPAI
ARIZONA
MINERALS EXPLR
4-1-78
326

330'
5 1/2
H2O + FOAM
M. DODGE
7750
WICKENBERG, AL
0.25 - 1145
15 30
0.75
1.0

326
500
60

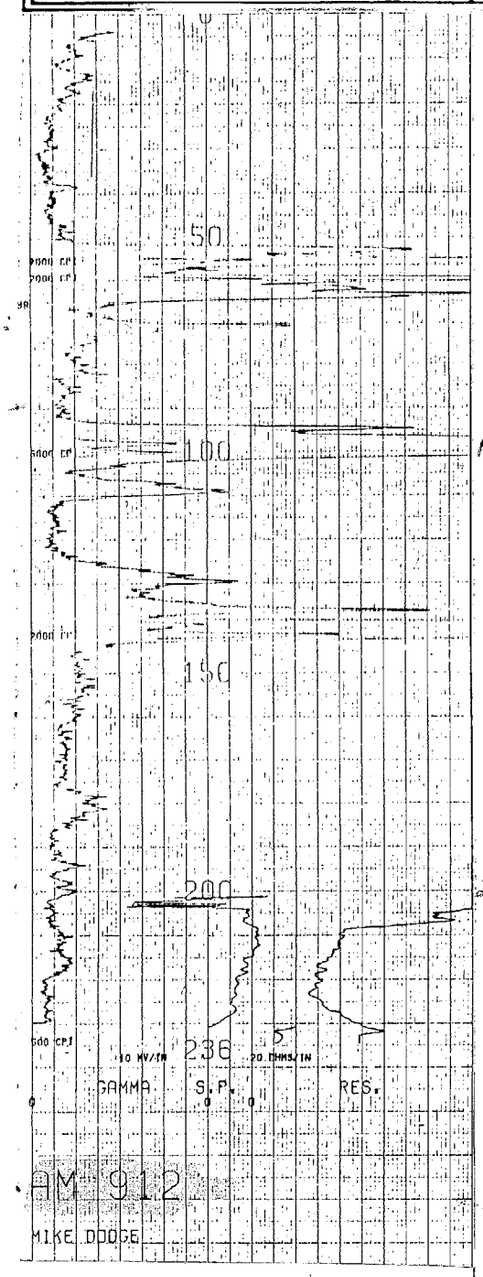
9055-23 1 1/2
NaI Scint. Xtal 7/24
1.075 L. Sec. 5.58 × 10⁻⁶
1.135 1.00
10 1
10

TRACE USED: #1
PROBE K-FACTOR FROM E.R.D.A. DTS 3-10-78: 5.695 × 10⁻⁶
RIG: UNIVERSAL (AL)

PROJECT ANDERSON MINE HOLE SIZE ____ ☑ AIR ☐ WATER HOLE NO. AM 912

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

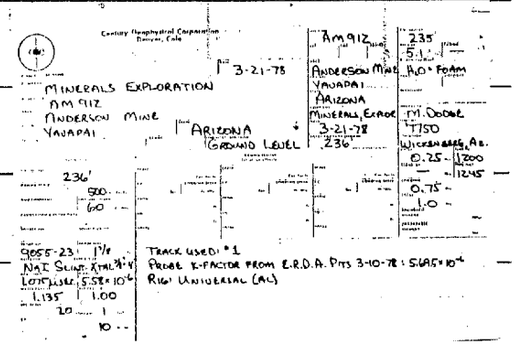
SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 235 P.D. ____

GEOPHYSICAL LOG	DEPTH	LITHOLOGY	GEOCHEMISTRY
	0	green to grey green mudstn, highly siliceous	
	20	lt grey to light green calc(?) mudstone.	
	40		
	60	green brown to brown mudstone, siliceous	
		@ red chert	
	80	brown mudstn.	
		green mudstn.	
		carbonaceous zone, grey mudstn interbd lignite	
	100		
	20	grey to grey green siliceous mudstn.	
		pinkish brown mudstn.	
	40		
		orange brown mudstn.	
	60		
	80		
	200		
	20		
		red brown mudstn, andesite frags.	
	40		
	60		
	80		
	00		
	20		
	40		
	60		
	80		
	00		
	20		
	40		
	60		
	80		

GAMMA S.P. RES.

AM-912

MIKE DODGE



PROJECT ANDERSON MINE HOLE SIZE ____ ☐ AIR ☒ WATER HOLE NO. AM 913

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY K. TAYLOR DATE 3/29/78

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 215 P.D. ____

HARRIS

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						green to grey siliceous mudstn
	20					lt green to white mudstn, hard, siliceous?
						green siliceous mudstn.
	40					interbd green & brownish red cherty mudstn, siliceous
						green siliceous mudstn.
						green siliceous mudstn, red chert
	60					interbd white to lt green mudstn & green siliceous mudstn.
						green siliceous mudstn, red chert.
	80					interbd green red siliceous mudstn.
						brown mudstn
						green mudstn.
	100					interbd limonite & dk grey mudstn.
						green red siliceous mudstn., red chert.
	20					green
						green siliceous mudstn.
						brown mudstn.
	40					
	60					interbd brown, yellowish brown, orange brown mudstn.
	80					
						red brown mudstn
	100					
						dk grey andesite frags
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

50
100
150
200
212
500 CPS 20 MV/IN 20 OHMS/IN
GAMMA S.P. RES.
AM 913
MIKE DODGE

ORE GRADE CALCULATION
DEPTH SCALE = 5 FEET/INCH
85
115
.01 % U3O8/INCH
CONVERGENCE FACTOR = 0.978
35
85
.02 % U3O8/INCH
CONVERGENCE FACTOR = 0.976

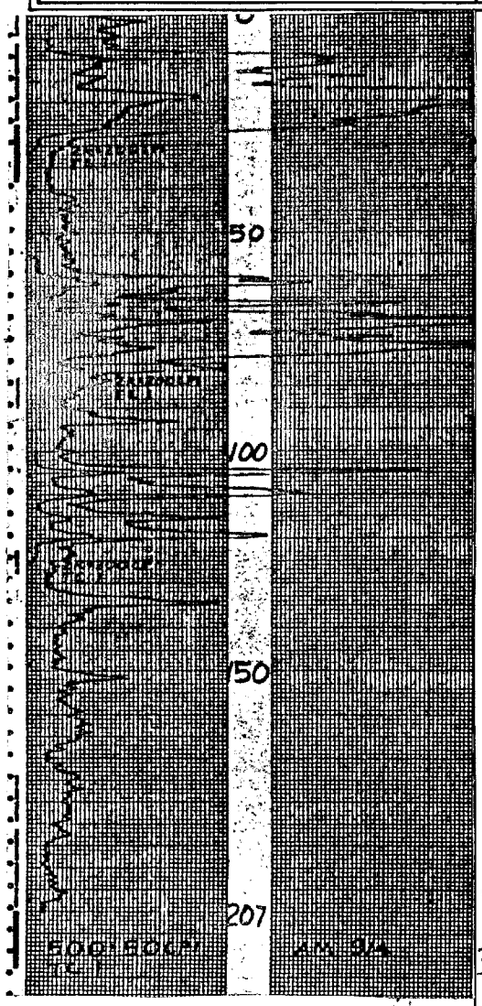
Century Geophysical Corporation
Denver, Colo.
MINERALS EXPLORATION
AM 913
ANDERSON MINE
YAVAPAI
ARIZONA
GROUND LEVEL
3-29-78
AM 913
ANDERSON MINE
YAVAPAI
ARIZONA
3-29-78
212'
215
5¼
140 MUD
M. DODGE
7750
WILCOXSON, A
0.25 1800
1945
0.75
1.0
212'
500
60
7055-23 1½
NAT. SCINT. KCPS 7½
1075 SALT 5.5% 10⁻⁶
1.135 1.00
20 1
20
TRACE USED 1"=3
PROBE K-FACTOR FROM L.R.D.A.P. ON 3-10-78: 5.685 x 10⁻⁶
RIG: HARRIS (JIMMY)

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 914

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CJH DATE 4-2-78

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 215 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



20 — Sltst, Grn

40 — Silicified Sltst Yel Tan W/ Yel Tan chert

LOST CIRCULATION

60 — Sltst, Gry Grn, Grn & Gry Chert

80 — Silicified Sltst Yel Tan to Gry Tan

Silicified Sltst, Purple Brn

100 — Carbonaceous Sltst + lignite, BLK

20 — Silicified Sltst, Purple Gry

40 — Sltst Gry Grn

Sltst, Tan

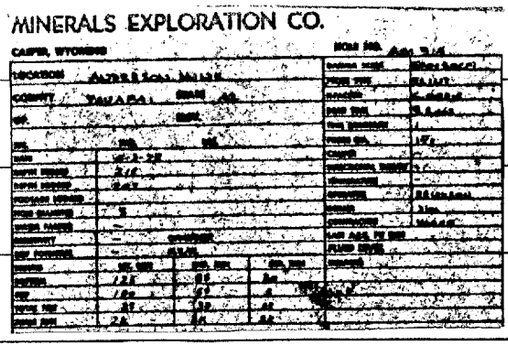
60 — Sltst, Yel Tan

80 — Andesite, Gry Brn

200

215 TD

MINERALS EXPLORATION CO.



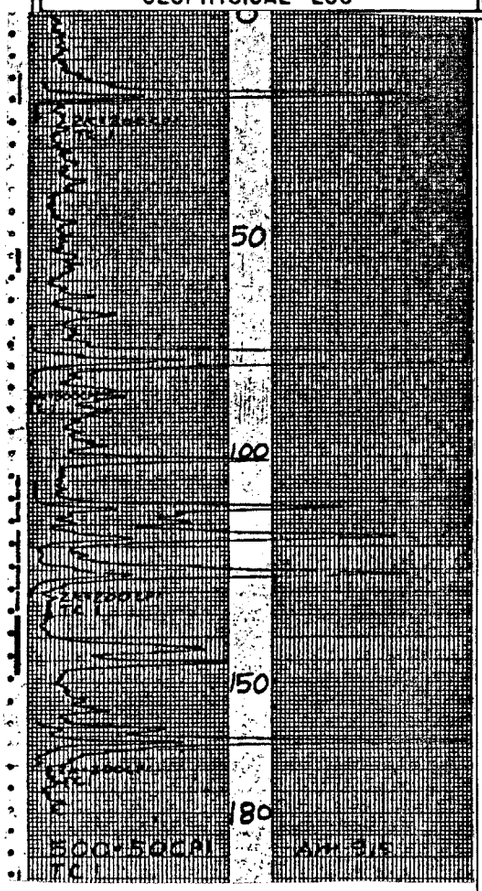
PROJECT ANDERSON MINE HOLE SIZE ☐ AIR ☑ WATER HOLE NO. AM 915

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

SECTION TOWNSHIP RANGE T.D. 180 P.D.

HARRIS

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



LOST CIRCULATION
NO SAMPLES

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 915

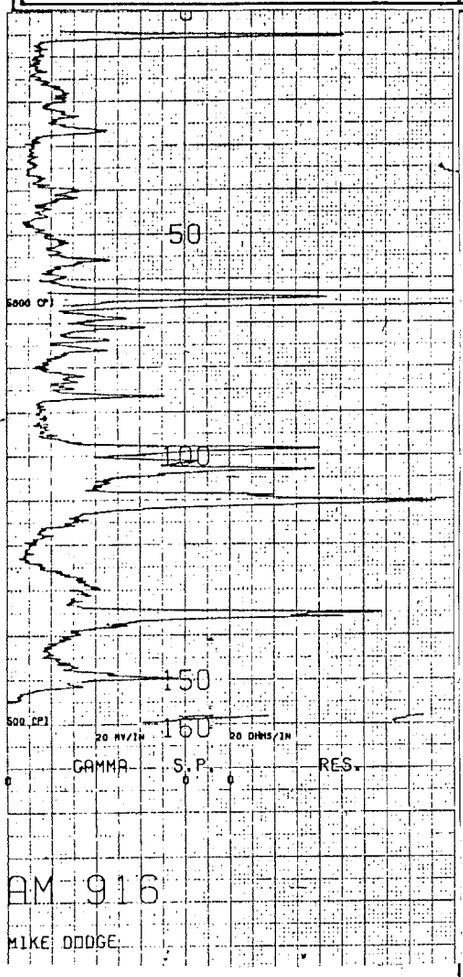
LOCATION	ANDERSON MINE		
COUNTY	VALLEY	STATE	
GP.			
DATE	4-2-78		
DEPTH SCORED	180		
DEPTH LOGGED	180		
FOOTAGE DRILLED			
HOLE DIAMETER	8 1/2		
WATER FACTOR	-		
SAMPLE	-		
DRY FORMATION	-		
SAMPLE			
BOTTOM	178	130	80
TOP	130	100	70
TOTAL DIM	10	60	15
SCALE DIM	2x	2x	5x

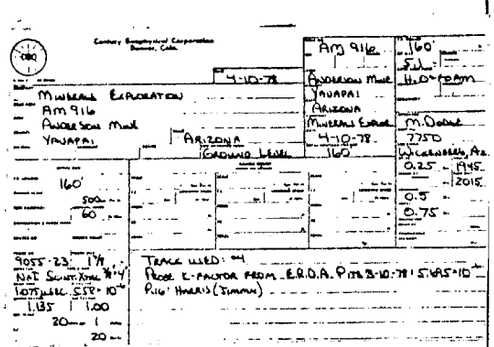
CASING SIZE	500-500
PRESS.	5
CASING	6
CASING	4
TOTAL CONTENTS	1
PRESS.	150
CASING	-
DIRECTIONAL SURVEY	-
DIAMETER	-
DRILLING	[illegible]
STRIKE	3
CONTRACTOR	[illegible]
LAST ALL TO REF	[illegible]
FLOOD HOLE	-
REMARKS	

PROJECT ANDERSON MINE HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 916

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

SECTION HARRIS TOWNSHIP ____ RANGE ____ T.D. 160 P.D. ____

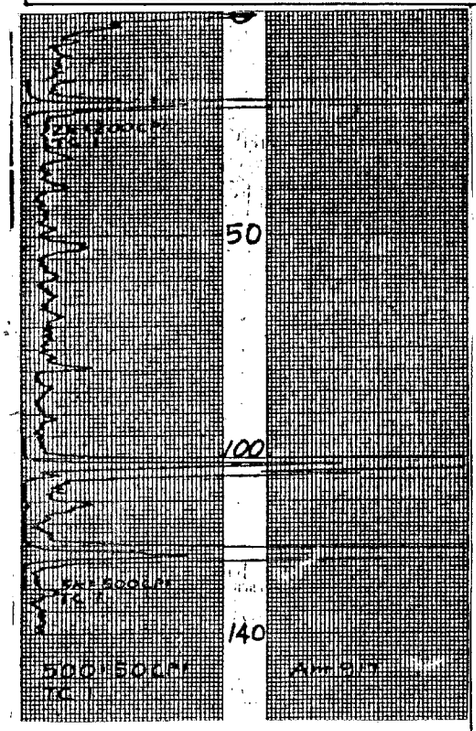
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	0					green mudstn
						green siliceous mudstn.
	20					green & red siliceous mudstn.
						green siliceous mudstn.
	40					green siliceous mudstn, red chert
						green siliceous mudstn.
						green, grey green & red siliceous mudstn.
	60					red siliceous mudstn.
						green & red siliceous mudstn.
	80					
	100					tan & grey mudstn & lignite
						green siliceous mudstn.
	120					interbd green & dk grey mudstn.
						dk grey mudstn & lignite
	140					green mudstn
						dk grey andesite frags.
	160					
	180					
	200					
	220					
	240					
	260					
	280					
	300					
	320					
	340					
	360					
	380					
	400					
	420					
	440					
	460					
	480					
	500					
	520					
	540					
	560					
	580					
	600					



PROJECT ANDERSON MINE HOLE SIZE ☐ AIR ☐ WATER HOLE NO. AM 917

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

SECTION TOWNSHIP RANGE T.D. 140' P.D.

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					green mudstone
						interbd green mudstn & grey siliceous mudstn.
	40					interbd green & white mudstn.
						green siliceous mudstn.
	60					green siliceous mudstn., lt orangish brown chert.
						interbd green & grey siliceous mudstn
	80					interbd green & red siliceous mudstn
	100					green mudstn
						interbd green & brown mudstn
	20					interbd green mudst, brown mudst & black lignite
						lignite & green siliceous mudstn.
	40					green siliceous mudstn.
						dk grey andesite frags.
	60					
	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					

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI STATE AZ.
	REV.
	TWP. RGE.
DATE	4-1-78
DEPTH DRILLED	140
DEPTH LOGGED	140
CASING DIAMETER	5 7/8
WATER LEVEL	—
EQUIPMENT	— 3 CONE BIT
MUD PROPERTIES	— WT./GAL.

	SIZE HOLE	SIZE CSG.	SIZE HOLE
BOTTOM	130	25	
TOP	125	12	
TOTAL FEET	25	13	
HOURS RUN	5h	2h	

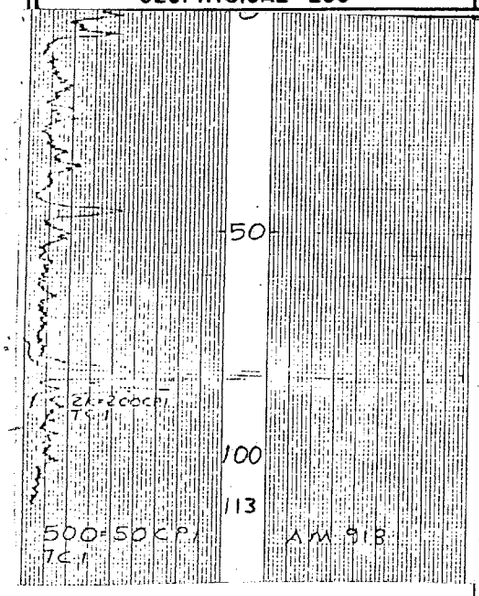
DRILLING FIRM	GOOD FRIDAY
RIG NO.	SCOUT
LOCATED	S. 100 E. 25
ROAD MILE	10 E AMS
TIME COMPLETED	1
RECORD NO.	1564
CASTER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
ENGINEER	ERIC INGRAM
DRILLER	LYNN
COMMENCED	11 AUG 78
LAST ADD. OR RUN	4-26-78
FLUID LEVEL	
REMARKS	

PROJECT ANDERSON MINE HOLE SIZE 6.5 ☒ AIR ☐ WATER HOLE NO. AM 918

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

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

VENTURE

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						0-5 OLIVE GREEN SILTSTONE
						5-10 BLUE GRAY SILACEOUS SH
						10-35 OLIVE GREEN SILT
						35-45 GRAY-WHITE SILACEOUS SILTSTONE
						45-50 RED CHERT
						50-55 BROWN CHERT
						55-60 WHITE TO BLUE GRAY SILT
						60-65 TAN SILT
						65-75 OLIVE GREEN SILACEOUS SILTSTONE
						75-80 BLUE GRAY SILACEOUS SI
						80-95 PINK SILTY CLAY
						95-100 GREEN TO PINK CLAY
						100-105 BROWN SILT
						105-115 PINK TO PURPLE ANDESITE

MINERALS EXPLORATION CO. CASPER, WYOMING

AREA ANDERSON MINE HOLE NO. AM 918

GRID POINT ELEVATION

COUNTY YAVAPAI STATE AZ

SEC. TWP. ROE.

OWNER-SAFFORD DEWEY

BOREHOLE DATA

DATE 3-21-78

DRILLER DENVER DRILLING

DRILLER DEPTH 115 FT

BIT SIZE 6 IN

FLUID LEVEL FT

CSG A.G.C.O.E.-3, DEL. YEAR

REMARKS RERUN
801 90
101 75
101 15
75 25

LOG DATA

TOTAL METER FOOTAGE 113 FT

TOTAL PROGRAM FOOTAGE 178 FT

LOG SPEED 15 FT/MIN

LOG SCALE 500=50 CPS/MIN SEC 1

DETECTOR TYPE SCINT DETECTOR SIZE

DECENTRALIZED CENTRALIZED

SOURCE TYPE SOURCE SIZE

TRK. NO. 61

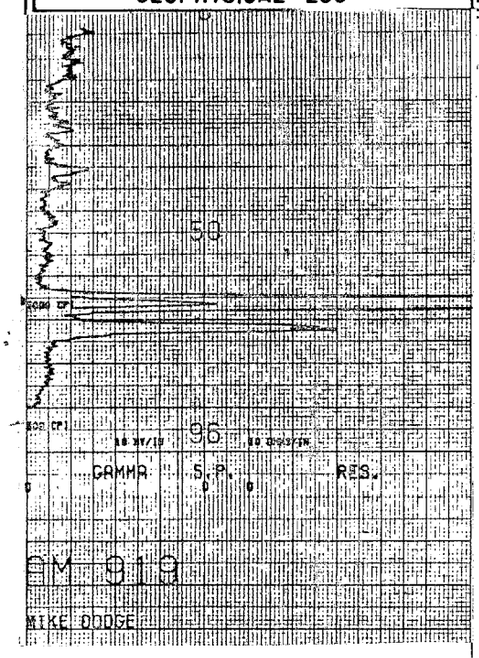
OPERATOR E. RUGARSON

PROJECT ANTELOPE MINE HOLE SIZE ____ ☐ AIR ☐ WATER HOLE NO. 919

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY K TAYLOR DATE 3/19/76

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 95 P.D. ____

GEOPHYSICAL LOG



DEPTH | LITHOLOGY | GEOCHEMISTRY

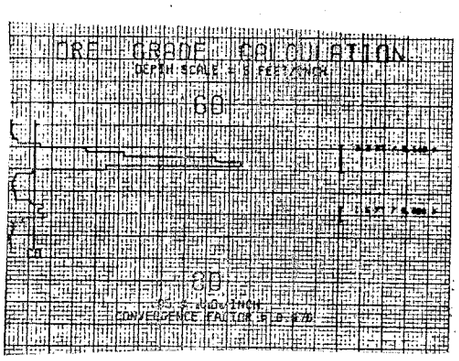
interbd green, brown, gray highly siliceous mudstn.

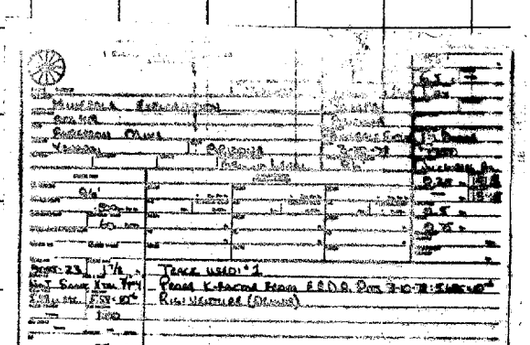
chert (red)

redbrown mudstn.

olivegreen mudstn.

redbrown mudstn, andesite frags.



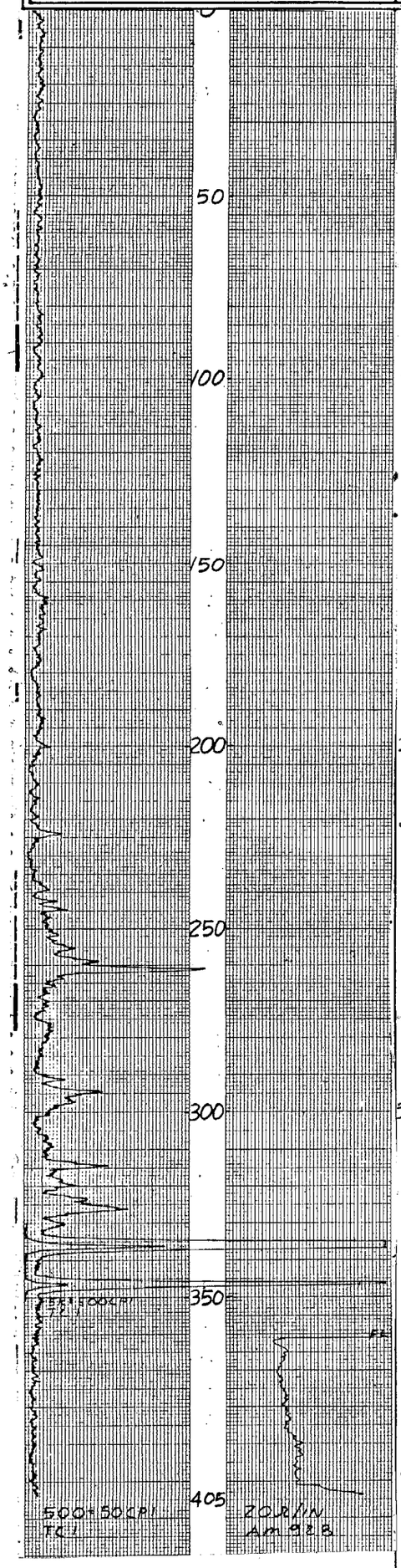


PROJECT ANDERSON MINE HOLE SIZE ☐ AIR ☑ WATER HOLE NO. AM 920

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

SECTION TOWNSHIP RANGE T.D. 920 P.D.

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Depth	Lithology
0–80	brown silt, sand (conglomerate)
80–100	interbd brown & green mudstn.
100–120	~~interb~~ greenish brown mudstn.
120–160	green mudstn.
160–180	green siliceous mudstn.
180–200	interbd green & white mudstn.
200–300	interbd grey & green mudstn
300–320	interbd green & white mudstn.
320–340	grey mudstn
340–360	grey green mudstn.
360–400	green mudstn
400–420	red mudstn & sand (coarse grn)
420–500	red mudstn, andesitic sand
500–520	red andesite frags.

MINERALS EXPLORATION CO. AM 920

CASPER, WYOMING

HOLE NO. AM 920

LOCATION	ANDERSON MINE	GAMMA SCALE	500+50CPI
COUNTY	YAVAPAI STATE AZ	PROBE TYPE	SCINT
OP.	ELEV.	X FACTOR	6.8 & 3
SEC.	TWP. RGE.	DEAD TIME	9.2 MS
DATE	4-13-78	TIME CONSTANT	1
DEPTH DRILLED	420	PROBE DIA.	1 5/8
DEPTH LOGGED	405	CALIPER	–
FOOTAGE LOGGED		DIRECTIONAL SURVEY	–
HOLE DIAMETER	5 1/8	TEMPERATURE	–
WATER FACTOR	1.2	OPERATOR	ERICKSON
RESISTIVITY	20 OHMS/INCH	DRILLER	JIM
SELF POTENTIAL	– M.V./IN.	CONTRACTOR	CORRA
		LAST A.S.C. PIT RUN	2-24-78
		FLUID LEVEL	361

RESUME	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	350		
TOP	330		
TOTAL FEET	20		
TOTAL RUN	55		

REMARKS