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MINERALS EXPLORATION CO.

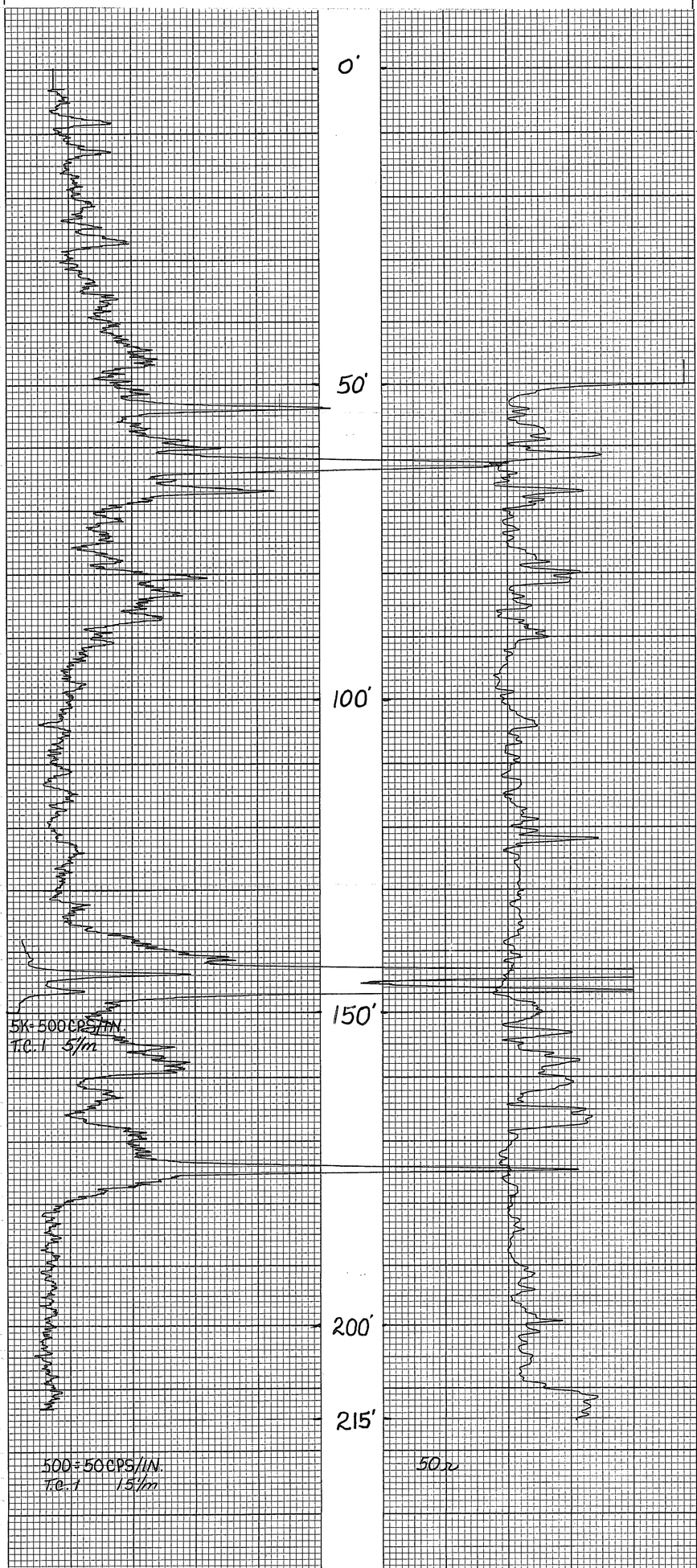
CASPER, WYOMING

HOLE NO. Am-191

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPS/IN.
COUNTY	Yavapai	PROBE TYPE	Scint.
STATE	ARIZONA	K-FACTOR	2.14 10^{-5}
GP.	~~1,204,389N~~ ~~644,333E~~ 1206 736.80N	DEAD TIME	17.3 μsec.
ELEV.	1936'	TIME CONSTANT	1
SEC. 90	695.22E TWP. RGE.	PROBE DIA.	1 1/16"
DATE	2-4-76	CALIPER	
DEPTH DRILLED	215'	DIRECTIONAL SURVEY	
DEPTH LOGGED	215'	TEMPERATURE	
FOOTAGE LOGGED	227'	OPERATOR	Hadson
HOLE DIAMETER	5 1/2" To 215'	DRILLER	Roberts
WATER FACTOR	1.172	CONTRACTOR	REID
RESISTIVITY	50=10 OHMS/INCH	LAST A.E.C. PIT RUN	Aug. 2, 1975
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	50'

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	150'		
TOP	138'		
TOTAL FEET	12'		
SCALE RUN	5K=500CPS/IN.		

REMARKS:



MINERALS EXPLORATION CO.

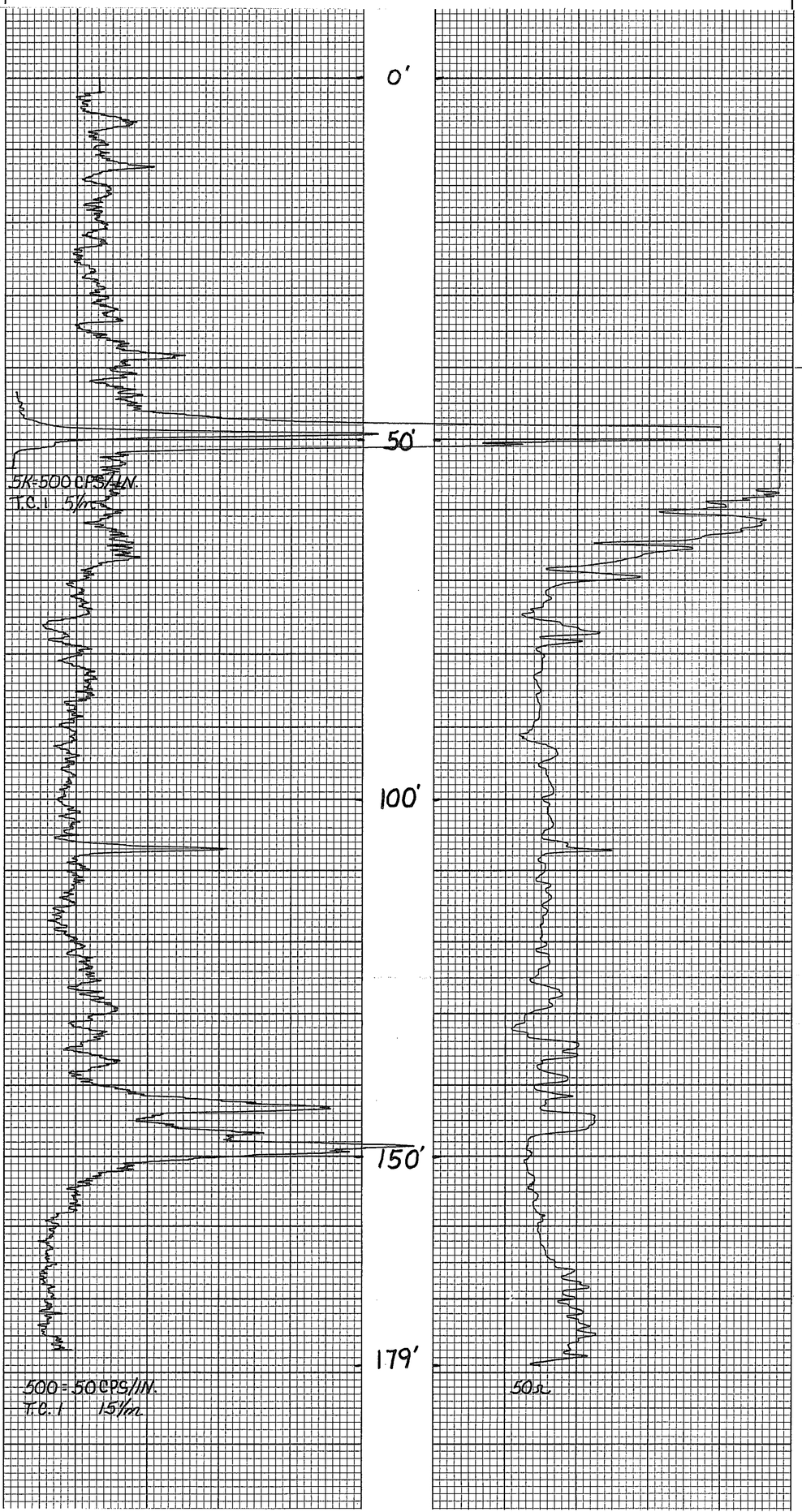
CASPER, WYOMING

HOLE NO. AM-192

LOCATION	ANDERSON MINE	**GAMMA SCALE**	500=50CPS/IN.
COUNTY	Yavapai **STATE** ARIZONA	**PROBE TYPE**	ScinT.
GP.	~~1,203993N~~ ~~644,783E~~ 1206 332.77N	**K-FACTOR**	2.14 10^{-5}
	ELEV. 1942'	**DEAD TIME**	17.3 μsec.
SEC.	91 **TWP.** 138.03E **RGE.**	**TIME CONSTANT**	1
		PROBE DIA.	1 7/8"
DATE	2-4-76	**CALIPER**	
DEPTH DRILLED	180'	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	179'	**TEMPERATURE**	
FOOTAGE LOGGED	189'	**OPERATOR**	Hudson
HOLE DIAMETER	5 1/8" To 180'	**DRILLER**	Sharpe
WATER FACTOR	1.157	**CONTRACTOR**	REID
RESISTIVITY	50=10 OHMS/INCH	**LAST A.E.C. PIT RUN**	Aug. 2, 1975
SELF POTENTIAL	M.V./IN.	**FLUID LEVEL**	57'

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	54'		
TOP	44'		
TOTAL FEET	10'		
SCALE RUN	5K=500CPS/IN.		

REMARKS:



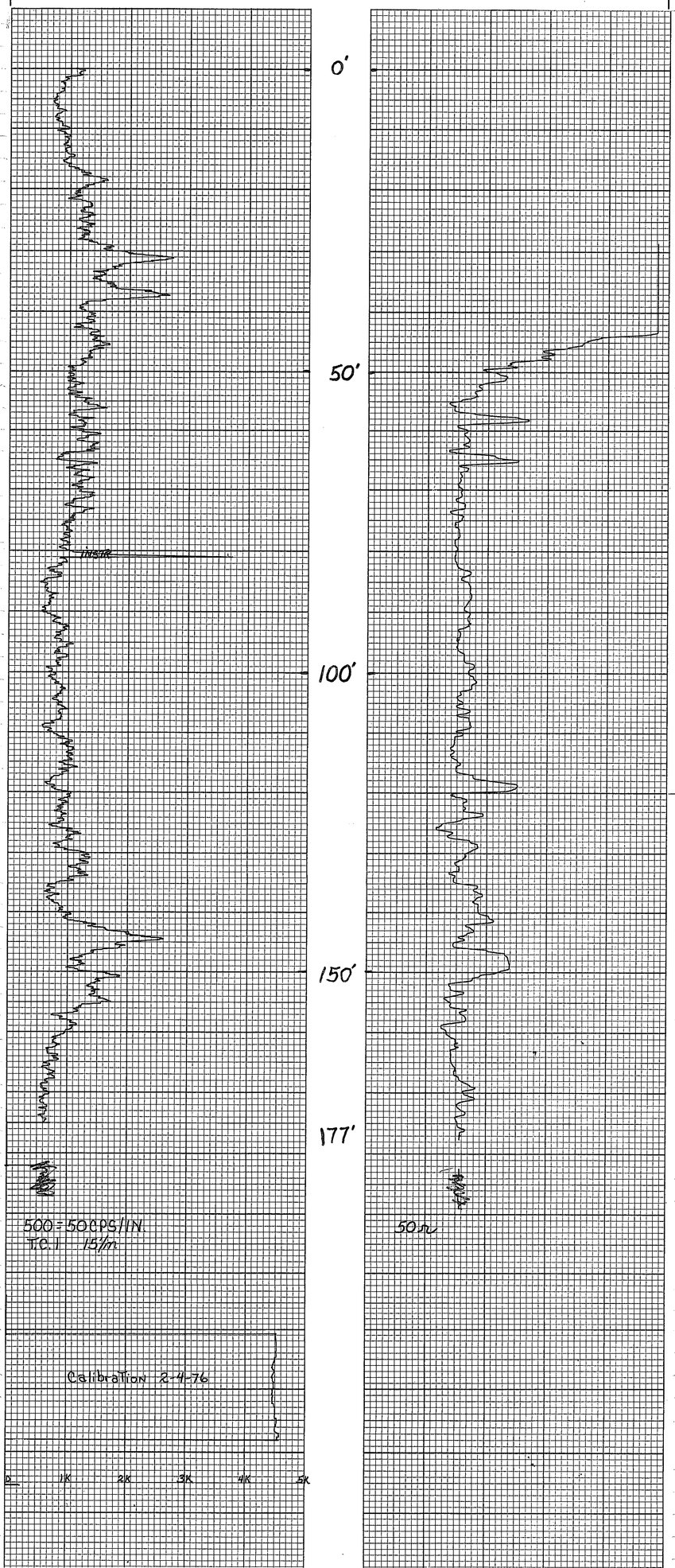
MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM-193

LOCATION	ANDERSON MINE	**GAMMA SCALE**	500=50 CPS/IN.
COUNTY	Yavapai **STATE** ARIZONA	**PROBE TYPE**	ScinT.
GP.	1,203,598N 695,216E **ELEV.** 1925'	**K-FACTOR**	2.14 10^{-5}
SEC.	1205930.05N 91563.86E **TWP.** **RGE.**	**DEAD TIME**	17.3 usec.
		TIME CONSTANT	1
		PROBE DIA.	1 1/16"
DATE	2-4-76	**CALIPER**	
DEPTH DRILLED	180'	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	177'	**TEMPERATURE**	
FOOTAGE LOGGED	177'	**OPERATOR**	Hudson
HOLE DIAMETER	5 1/8" To 180'	**DRILLER**	Sharpe
WATER FACTOR	1.157	**CONTRACTOR**	REID
RESISTIVITY	50=10 OHMS/INCH	**LAST A.E.C. PIT RUN**	Aug. 2, 1975
SELF POTENTIAL	M.V./IN.	**FLUID LEVEL**	43'

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

REMARKS:



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MINERALS EXPLORATION CO.

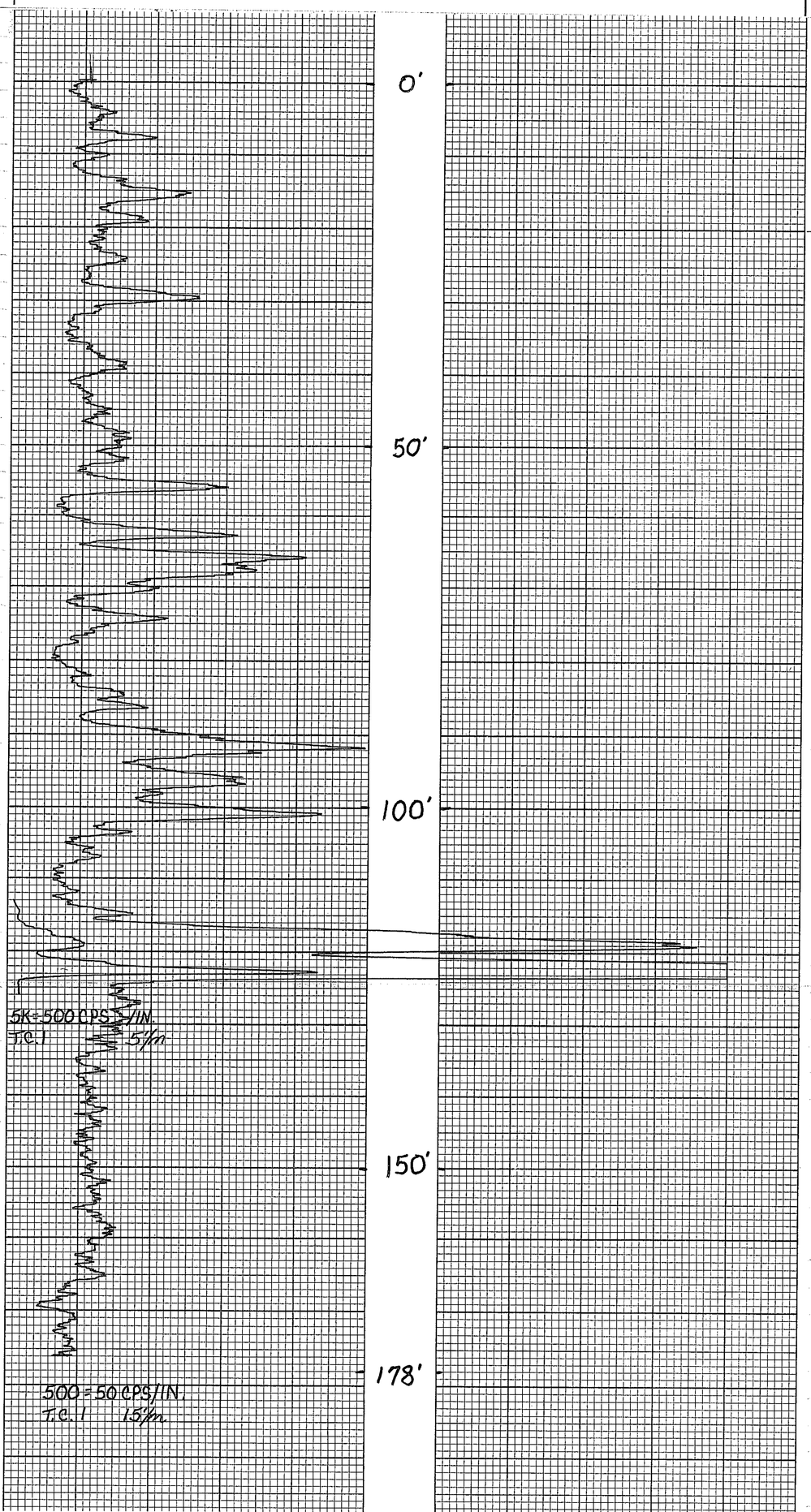
CASPER, WYOMING

HOLE NO. AM-194

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50 CPS/IN.
COUNTY	Yavapai	PROBE TYPE	Scint.
STATE	ARIZONA	K-FACTOR	$2.14 \cdot 10^{-5}$
GP.	1,205,185N 643,596E	DEAD TIME	17.3 μsec.
ELEV.	1934'	TIME CONSTANT	1
SEC.	1207545.91N 89972.64E	TWP.	
RGE.		PROBE DIA.	1½"
DATE	2-4-76	CALIPER	
DEPTH DRILLED	180'	DIRECTIONAL SURVEY	
DEPTH LOGGED	178'	TEMPERATURE	
FOOTAGE LOGGED	191'	OPERATOR	Hudson
HOLE DIAMETER	5½" to 180'	DRILLER	Roberts
WATER FACTOR	1.172	CONTRACTOR	REID
RESISTIVITY	OHMS/INCH	LAST A.E.C. PIT RUN	Aug. 2, 1975
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	126'		
TOP	113'		
TOTAL FEET	13'		
SCALE RUN	5K=500CPS/IN.		

REMARKS:



MINERALS EXPLORATION CO.

CASPER, WYOMING

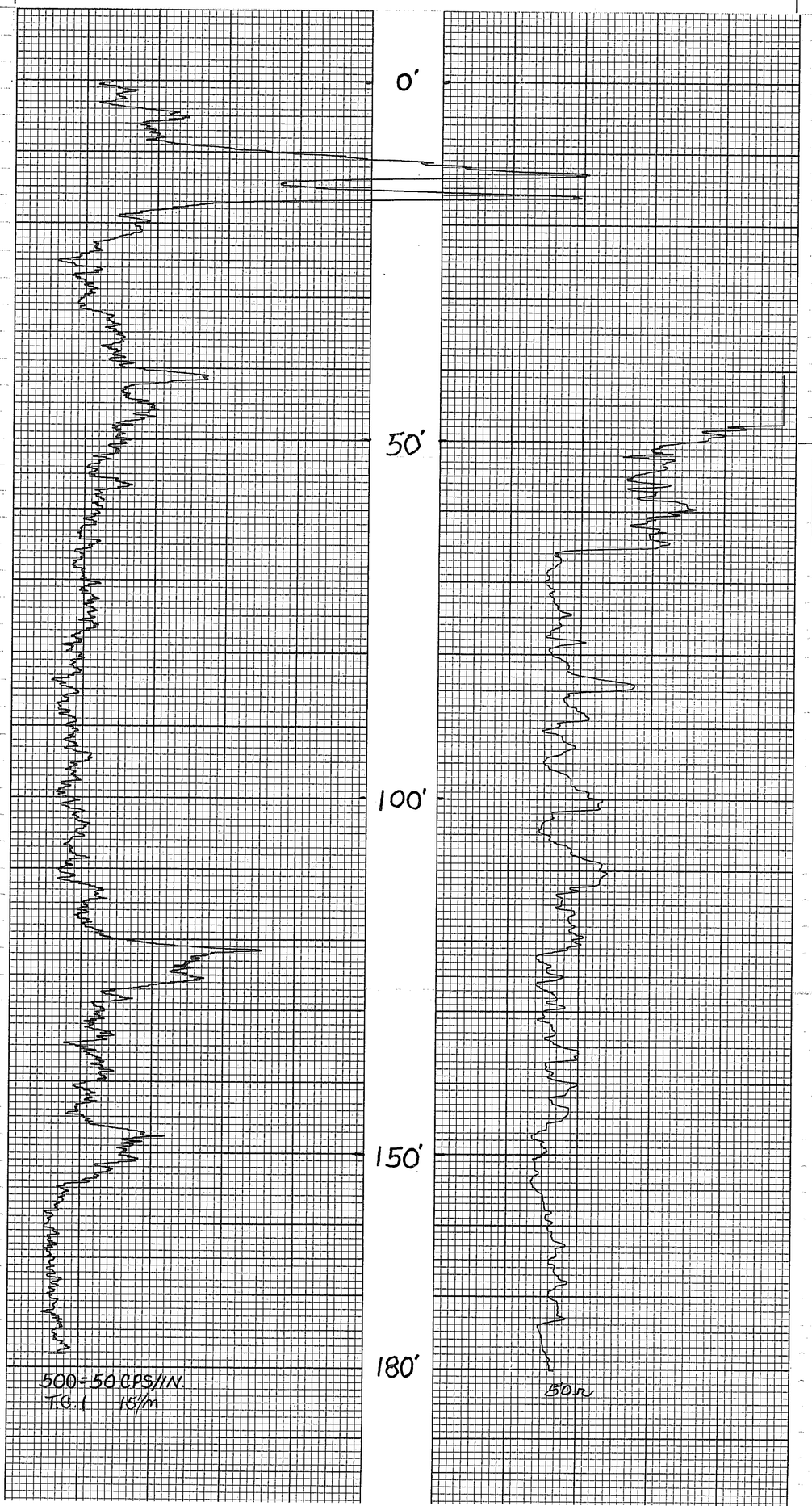
HOLE NO. AM-195

LOCATION	ANDERSON MINE		
COUNTY	Yavapai	STATE	ARIZONA
GP.	1,202,816N / 645,633E	ELEV.	1871
SEC.	1205 140.69N / 91 966.74E	TWP.	RGE.

DATE	2-4-76
DEPTH DRILLED	180'
DEPTH LOGGED	180'
FOOTAGE LOGGED	180'
HOLE DIAMETER	5⅛" To 180'
WATER FACTOR	1.157
RESISTIVITY	50 = 10 OHMS/INCH
SELF POTENTIAL	M.V./IN.

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

GAMMA SCALE	500=50CPS/IN.
PROBE TYPE	SCINT.
K-FACTOR	2.14 10^{-5}
DEAD TIME	17.3 μsec.
TIME CONSTANT	1
PROBE DIA.	1 11/16"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	Sharpe
CONTRACTOR	REID
LAST A.E.C. PIT RUN	Aug. 2, 1975
FLUID LEVEL	48'
REMARKS:	

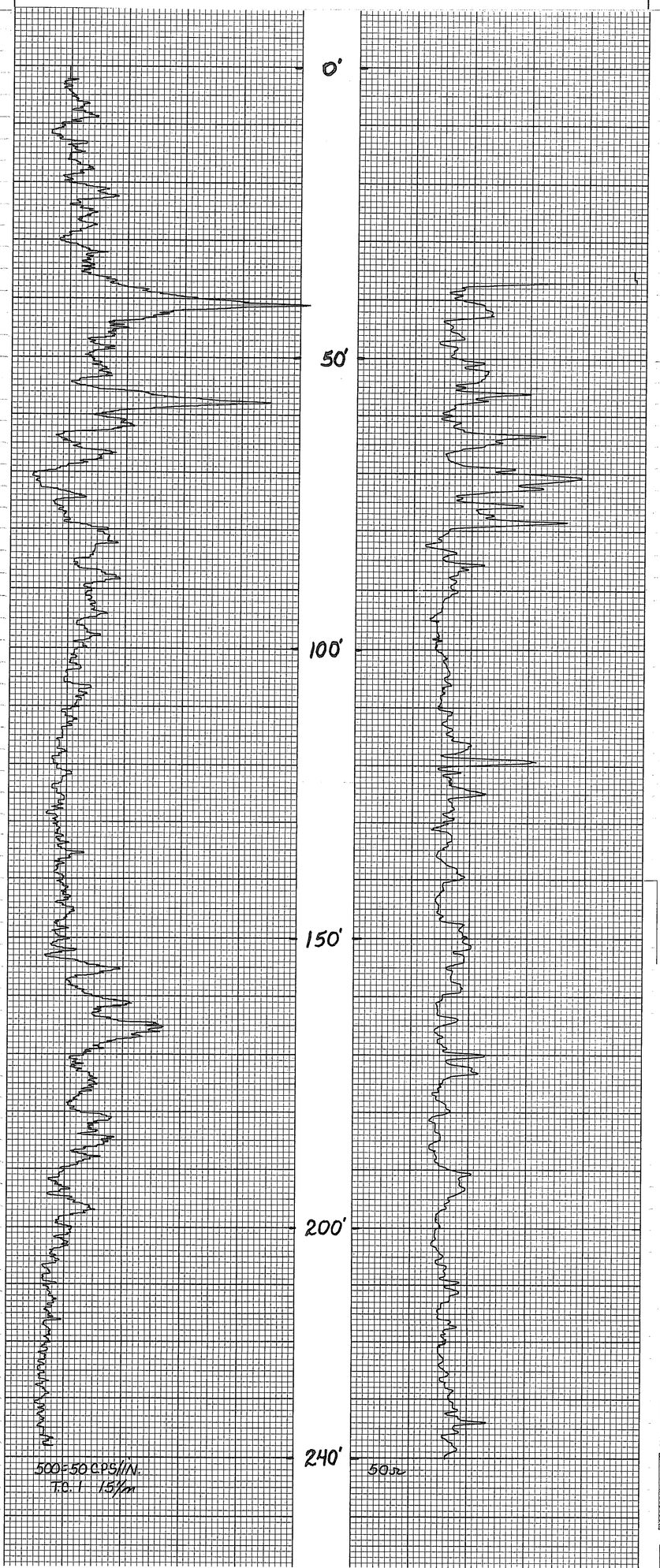


MINERALS EXPLORATION CO.

CASPER, WYOMING **HOLE NO.** AM-196

LOCATION	ANDERSON MINE	**GAMMA SCALE**	500=50CPS/IN.
COUNTY	Yavapai **STATE** ARIZONA	**PROBE TYPE**	SCINT.
GP.	~~1,202,395N~~ ~~645,994E~~ **ELEV.** 1894'	**K-FACTOR**	2.14^{10-5}
	1204713.26N	**DEAD TIME**	17.3 μsec.
SEC.	92320.11E **TWP.** **RGE.**	**TIME CONSTANT**	1
		PROBE DIA.	1 11/16"
DATE	2-4-76	**CALIPER**	
DEPTH DRILLED	240'	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	240'	**TEMPERATURE**	
FOOTAGE LOGGED	240'	**OPERATOR**	Hudson
HOLE DIAMETER	5⅛" To 240'	**DRILLER**	Sharpe
WATER FACTOR	1.157	**CONTRACTOR**	REID
RESISTIVITY	50=10 OHMS/INCH	**LAST A.E.C. PIT RUN**	Aug. 2, 1975
SELF POTENTIAL	M.V./IN.	**FLUID LEVEL**	37'

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



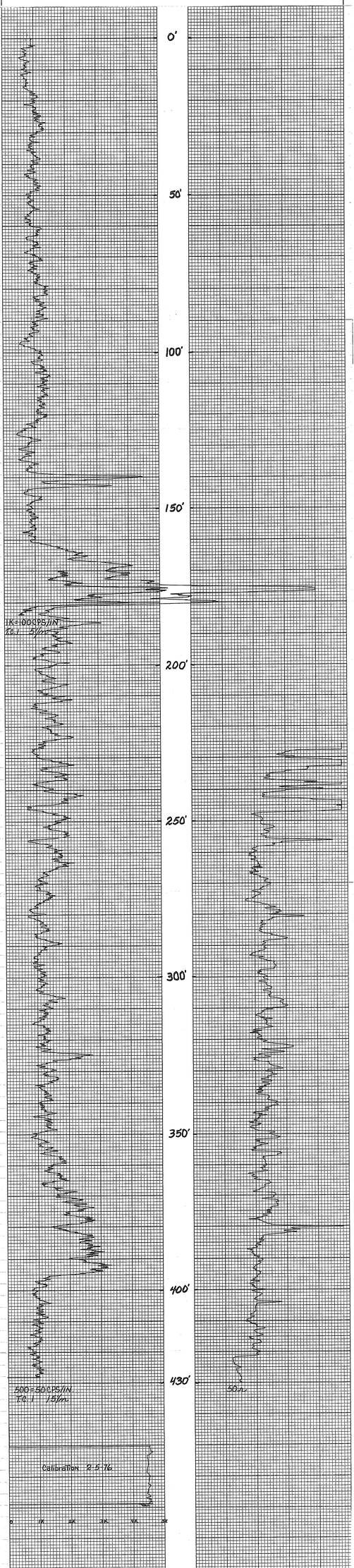
MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM-197

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50 CPS/IN.
COUNTY	Yavapai	STATE	ARIZONA
GP.	~~1,201,203 N~~ 696,396 E	ELEV.	2006'
SEC.	1203 514.23 N 92 700.62 E	TWP.	RGE.

DATE	2-5-76		
DEPTH DRILLED	430'		
DEPTH LOGGED	430'		
FOOTAGE LOGGED	444'		
HOLE DIAMETER			
WATER FACTOR			
RESISTIVITY	50=10 OHMS/INCH		
SELF POTENTIAL	M.V./IN.		
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	184'		
TOP	170'		
TOTAL FEET	14'		
SCALE RUN	1K=100CPS/IN.		

GAMMA SCALE	500=50 CPS/IN.
PROBE TYPE	Scint.
K-FACTOR	2.14 10^{-5}
DEAD TIME	17.3 μsec.
TIME CONSTANT	1
PROBE DIA.	1⅝"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	Roberts
CONTRACTOR	REID
LAST A.E.C. PIT RUN	Aug. 2, 1975
FLUID LEVEL	228'
REMARKS:	

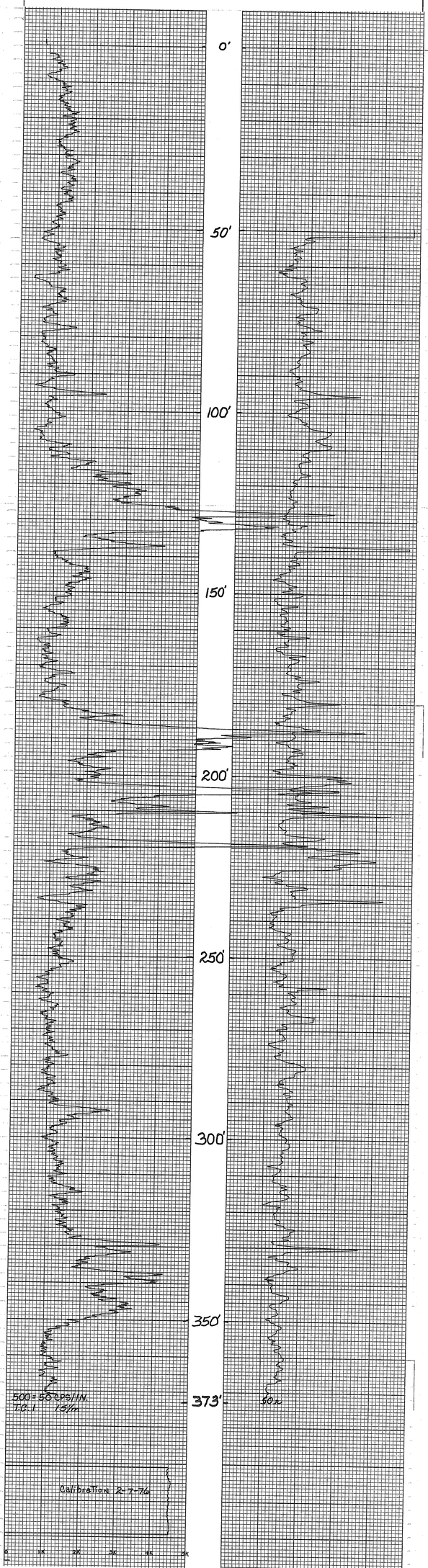


MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-198

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50 cps/in.
COUNTY	Uavapai STATE ARIZONA	PROBE TYPE	Scint.
GP.	~~1,201,598~~ N ~~646,392~~ E ELEV. 1992'	K-FACTOR	2.14 10^{-5}
		DEAD TIME	173 usec.
SEC.	1203909.24N 92703.72E TWP. RGE.	TIME CONSTANT	1
DATE	2-7-76	PROBE DIA.	1 1/16"
DEPTH DRILLED	370'	CALIPER	
DEPTH LOGGED	373'	DIRECTIONAL SURVEY	
FOOTAGE LOGGED	373'	TEMPERATURE	
HOLE DIAMETER	5 5/8" To 100' 5 1/2" To 215' 5 1/8" To 370'	OPERATOR	Hudson
WATER FACTOR	1.177 1.172 1.157	DRILLER	Roberts
RESISTIVITY	50=10 OHMS/INCH	CONTRACTOR	REID
SELF POTENTIAL	M.V./IN.	LAST A.E.C. PIT RUN	Aug. 2, 1975
RERUNS	1ST. RUN 2ND. RUN 3RD. RUN	FLUID LEVEL	51'
BOTTOM		REMARKS:	
TOP			
TOTAL FEET			
SCALE RUN			

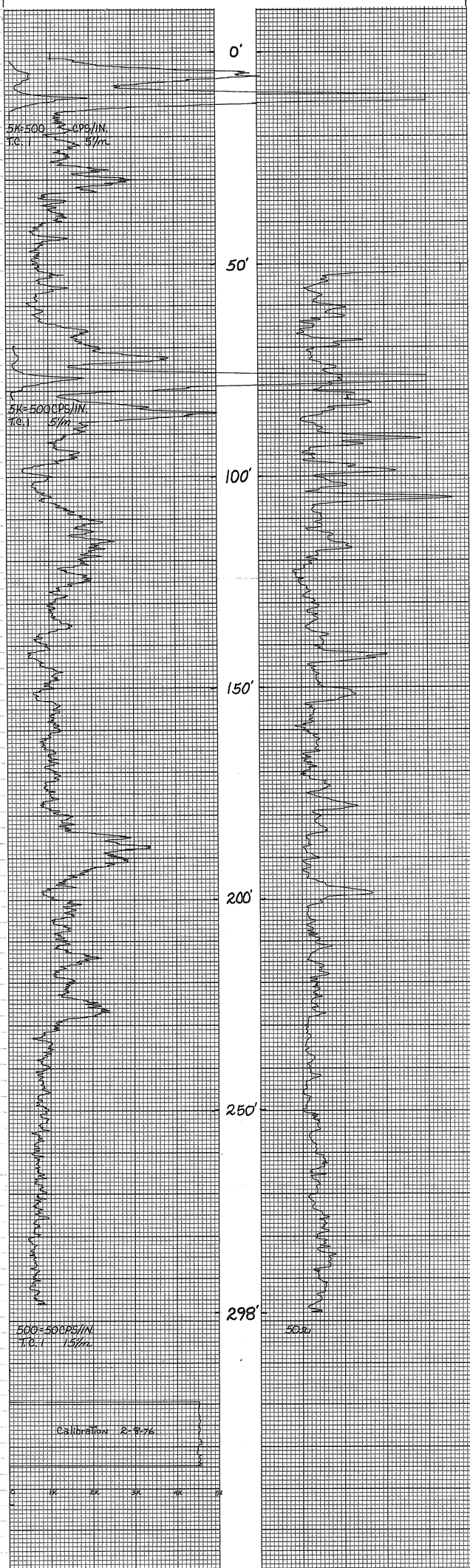


MINERALS EXPLORATION CO.

CASPER, WYOMING **HOLE NO.** AM-199

LOCATION	ANDERSON MINE	**GAMMA SCALE**	500=50 CPS/IN.
COUNTY	Yavapai **STATE** ARIZONA	**PROBE TYPE**	SCINT.
GP.	~~1,202,002 N~~ ~~646,402 E~~ 1204313.00 N	**K-FACTOR**	2.14 10^{-5}
ELEV.	1909'	**DEAD TIME**	17.3 μsec.
SEC.	92720.98 E **TWP.** **RGE.**	**TIME CONSTANT**	1
		PROBE DIA.	1 1/16"
DATE	2-8-76	**CALIPER**	
DEPTH DRILLED	300'	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	298'	**TEMPERATURE**	
FOOTAGE LOGGED	324'	**OPERATOR**	Hudson
HOLE DIAMETER	5½" To 300' 6½" To 25'	**DRILLER**	Roberts
WATER FACTOR	1.172 1.210	**CONTRACTOR**	REID
RESISTIVITY	50=10 OHMS/INCH	**LAST A.E.C. PIT RUN**	Aug. 2, 1975
SELF POTENTIAL	M.V./IN.	**FLUID LEVEL**	52'

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:
BOTTOM	82'	16'		
TOP	70'	2'		
TOTAL FEET	12'	14'		
SCALE RUN	5K=500 CPS/IN.	5K=500 CPS/IN.		



MINERALS EXPLORATION CO.

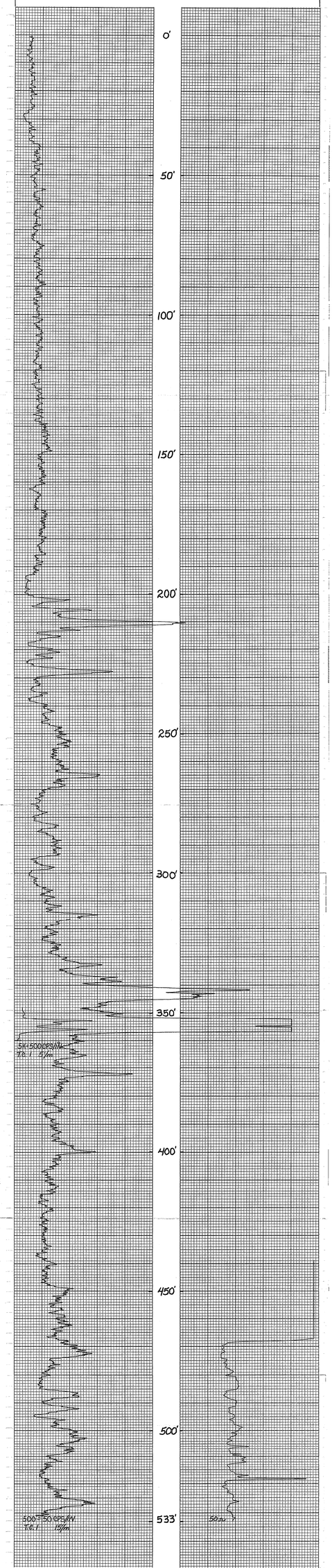
CASPER, WYOMING

HOLE NO. AM-200

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPS/IN.
COUNTY	Uavapai STATE ARIZONA	PROBE TYPE	SCINT.
GP.	~~1,201,204N~~ ~~694,908E~~ 1203548.07N ELEV. 2121'	K-FACTOR	2.14×10^{-5}
SEC.	90 706.9/E TWP. RGE.	DEAD TIME	7.3 μsec.
DATE	2-8-76	TIME CONSTANT	1
DEPTH DRILLED	560'	PROBE DIA.	1⅝"
DEPTH LOGGED	533'	CALIPER	
FOOTAGE LOGGED	545'	DIRECTIONAL SURVEY	
HOLE DIAMETER	5⅝" To 560'	TEMPERATURE	
WATER FACTOR	1.177	OPERATOR	Hudson
RESISTIVITY	50=10 OHMS/INCH	DRILLER	Starner
SELF POTENTIAL	M.V./IN.	CONTRACTOR	Reid
		LAST A.E.C. PIT RUN	Aug. 2, 1975
		FLUID LEVEL	467'

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	360'		
TOP	348'		
TOTAL FEET	12'		
SCALE RUN	5K=500CPS/IN		

REMARKS:

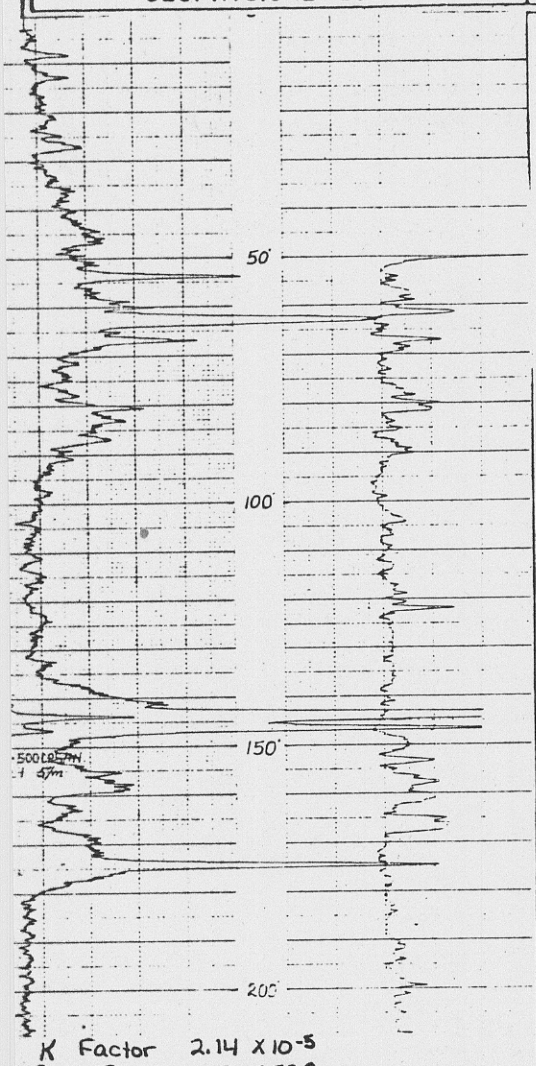


PROJECT *Anderson Mine* HOLE SIZE _____ ☐ AIR ☒ WATER HOLE NO. *AM-191*

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY *TSH* DATE *2-4-76*

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. *215'* P.D. _____

GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG



K Factor 2.14 X 10-5
Dead Time 17.3 USEC

MINERALS EXPLORATION CO.

ASPER, WYOMING HOLE NO. AM-191

LOCATION	ANDERSON MINE
COUNTY	Yavapai STATE ARIZONA
1,204,389 N	
644,333 E	ELEV. 1936'
TWP.	RGE
TE	2-4-76
TH DRILLED	215'
TH LOGGED	215'
TAGE LOGGED	227'
E DIAMETER	5½" To 215'
TER FACTOR	1.172
STIVITY	5040 OHMS/INCH
POTENTIAL	M.V./IN
UNS	1ST RUN 2ND RUN 3RD RUN
TOM	150'
	138'
AL FEET	12'
E RUN	5K-500CPS/IN

GAMMA SCALE	500-500CPS/IN.
PROBE TYPE	Scint.
K-FACTOR	[redacted]
DEAD TIME	[redacted]
TIME CONSTANT	
PROBE DIA	1⅝"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	Roberts
CONTRACTOR	Reid
LAST A.E.C. PIT RUN	Aug. 2, 1975
FLUID LEVEL	50'
REMARKS	

0'

Depth	Lithology
0-5	Fill for drill site -
5'-20'	ls, wh, r. chert, slightly silty
20'-35'	mdstn, pale grn w/c-abund pale grn ls & wh chert interbed.
35'-55'	mdstn, olive grn, slightly calcareous
55'-65'	chert, blue-gry w/r. interbed grn mdstn & ls
65-70	chert, rd to gry
70-75	mdstn, lt. olive-grn
75-80	chert, drk pnk w/r. pnk sltstn
80-85	mdstn, lt. yell-grn w/c. chert
85-90	silicified mdstn, gry-pnk
90-100'	mdstn, olive-grn, slightly calcareous
100-110	sltstn, v. pale grn-buff
110-120	sltstn, buff to gry-buff, v. sandy
120-125	mdstn, v. pale gry-grn w/r. interbed lt. gry ls
125-130	sltstn, gry-buff,
130-135	sltstn, gry-grn
135-145	sltstn, grn-gry
145-150	sltstn, maroon & yellow-buff, v. sandy
150-155	sltstn, yellow-buff, v. sandy
155-160	sltstn, or., v. sandy
160-175	sltstn, yellow-buff, v. sandy
175-180	sltstn, rd-buff & grn
180-195	sltstn, gry-buff, v. sandy
195-215	Aglom., rd-buff, c. rd & blk vol. rk frag.
215'	T.D.

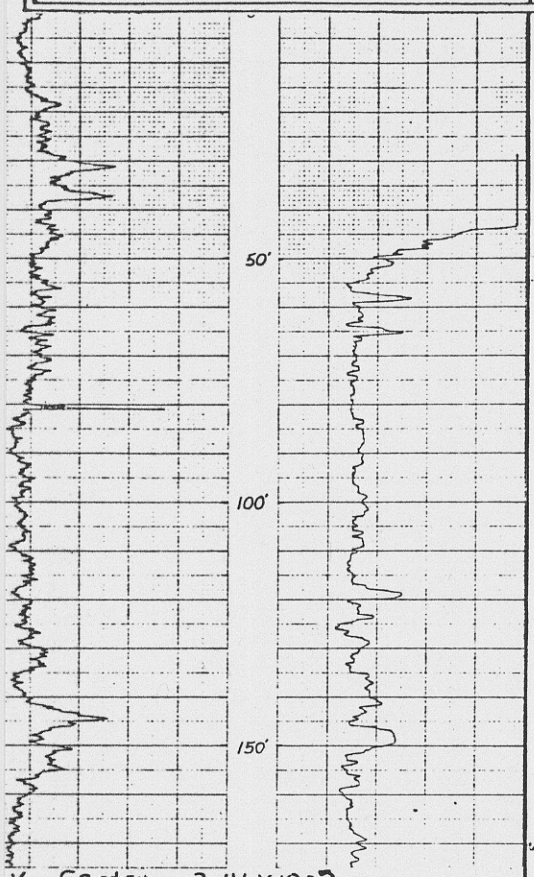
PROJECT Anderson Mine HOLE SIZE 5 1/8 ☒ AIR ☒ WATER HOLE NO. AM 193

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY GM DATE 2-4-76

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

Foam @ 170

GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG



K Factor 2.14 x 10-5
Dead Time 17.3 USEC

INERALS EXPLORATION CO.

PER, WYOMING HOLE NO. AM-193

ATION	ANDERSON MINE	GAMMA SCALE	500:50 CPS/IN.
NTY	Yavapai	PROBE TYPE	Scint
STATE	ARIZONA	K-FACTOR	[illegible]
1,203,598N 645,216E	ELEV. 1925'	DEAD TIME	[illegible]
		TIME CONSTANT	1
TWP.	RGE	PROBE DIA	1½"
2-4-76		CALIPER	
DRILLED	180'	DIRECTIONAL SURVEY	
LOGGED	177'	TEMPERATURE	
AGE LOGGED	177'	OPERATOR	Hudson
DIAMETER	5½" To 180'	DRILLER	Sharpe
R FACTOR	1.157	CONTRACTOR	Reid
IVITY	50:10 OHMS/INCH	LAST A.E.C. PIT RUN	Aug. 2, 1975
POTENTIAL	M.V./IN.	FLUID LEVEL	43'
		REMARKS	

	1ST. RUN	2ND RUN	3RD RUN

0'

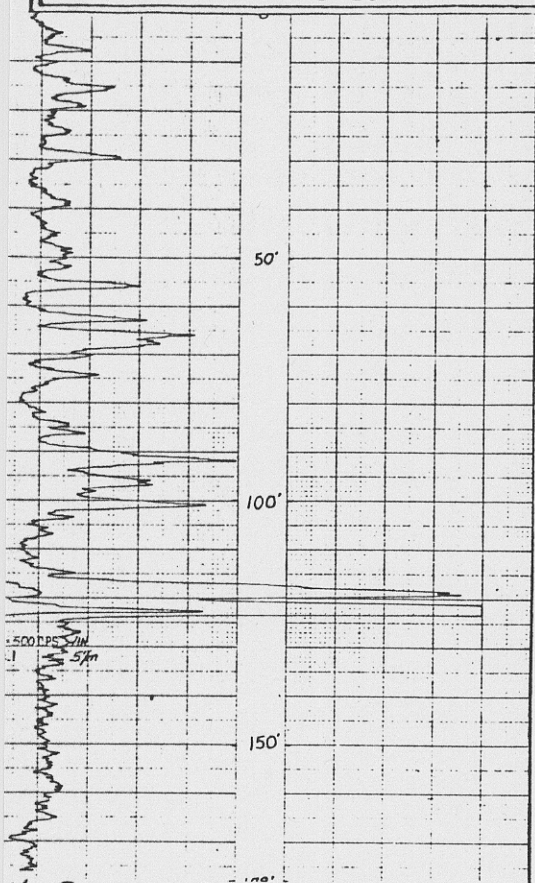
Depth	Lithology
0 → 20	mudstone/limestone: olive green → lt. grey, interbedded limey mudstones and bentonitic mudstones
20 → 40	limestone: lt. grey → white → lt green limestone w/ some interbedded mudstone grey chert in top of sec & abund. red chert in bottom.
40 → 50'	siltstone: olive green. homogenous
50 → 70	limestone: Red → buff → grey white some limey siltstone chips in upper part. some chert, red
70 → 90	siltstone/mudstone: Buff → Tan abundant mud matrix.
90 → 115	siltstone: Brown → red brown, little mudstone clean limonite & hem. stain qtz silt, some sand (10-15%) ls. stringer @ 100'
115 → 120	mudstone: olive green, bentonitic
120 → 170	siltstone/ss: vfg → fg ss and silt size part. ss mostly quartzose, much mudstone matrix (color from mudstones) Red → yellow → Brown → Tan. color very intense, some musc & biot. some grains are rnd weathered vol.
170 → 180	Basement vol agglomerate Brick red, some vol frags weathered to clay, some fissure filling w/ SiO_2 also weathered.

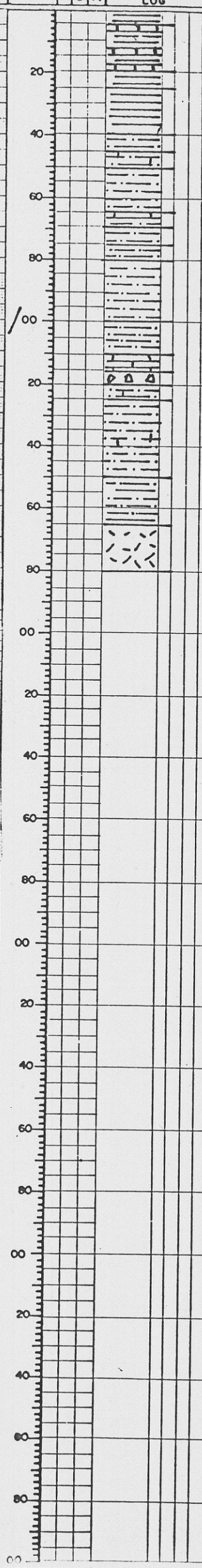
PROJECT ANDERSON MINE HOLE SIZE ☒ AIR ☐ WATER HOLE NO. AM 194

ELEVATION NORTH EAST LOGGED BY S. PAVLAK DATE 2/4/76

SECTION 11 TOWNSHIP 11N RANGE 10 W T.D. 180' P.D.

GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG





0-5'	MUDSTN: OLIVE GRN
5-20'	MUDSTN & LIMESTN: INTBD SILICIFIED OLIVE GRN MUDSTN & WHITE LIME
20-25'	MUDSTN: PALE OLIVE GRN; SLIGHTLY SILICIFIED
25-40'	MUDSTN: OLIVE GRN; SILICIFIED; RARE WHITE CHERT
40-45'	SLTSTN: V. PALE BRN - BUFF.
45-50'	SLTSTN: PALE OLIVE GRN; COM. INTBD WH-GY LIMESTN; TR. RED CHER
50-65'	SLTSTN: OLIVE YEL. GRN; TR-RARE RED CHERT; SILICIFIED
65-70'	LIMESTN & SLTSTN: INTBD WHITE-GY LIMESTN & SILICIFIED OLIV GRN SLTSTN; RARE PINK CHER
70-75'	SLTSTN: OLIVE GRN; SILICIFIED
75-80	SLTSTN: OLIVE GRN.
80-100	SLTSTN: OLIVE GRN - GRNISH BRN; SILICIFIED
100-110	SLTSTN-MUDSTN: BRIGHT RED; VERY SILICIFIED
110-115	LIMESTN: LT GY - OFF WHITE
115-120'	CHERT: RED BRN
120-125'	SLTSTN: VARICOLORED INCLUDING OLIV GRN RED; INTBD GY LIMESTN
125-150'	SLTSTN: PALE BRN; FEW RED AMYGDALOIDAL VOLC. RK CLAS TOWARD BOTTOM; RARE WHITE GY LIMESTN
150-165'	SLTSTN & MUDSTN: INTBD OLIV. GRN, BRN, & GRNISH BRN.
165-180'	BASEMENT: DEEP MAROON AMYGDULES FILLED W/ $CaCO_3$

K Factor 2.14 x 10⁻⁵

MINERALS EXPLORATION CO.

Dead Time 17.3 usec

SPER, WYOMING HOLE NO. AM-194

CATION	ANDERSON MINE	GAMMA SCALE	500-50 CPS/IN.
UNTY	Yavapai	PROBE TYPE	SCINT
1,205,185N	STATE ARIZONA	K-FACTOR	
693,596E	ELEV. 1934'	DEAD TIME	
TWP.	RGE	TIME CONSTANT	1
		PROBE DIA.	1⅜"
TE	2-4-76	CALIPER	
TH DRILLED	180'	DIRECTIONAL SURVEY	
TH LOGGED	178'	TEMPERATURE	
OTAGE LOGGED	191'	OPERATOR	Hudson
LE DIAMETER	5⅜" to 180'	DRILLER	Roberts
TER FACTOR	1.172	CONTRACTOR	REID
STIVITY	OHMS/INCH	LAST A.E.C. PIT RUN	Aug. 2, 1975
POTENTIAL	M.V./IN.	FLUID LEVEL	
UNS	1ST. RUN 2ND. RUN 3RD. RUN	REMARKS	
TOM	128'		
	113'		
AL FEET	13'		
LE RUN	5K-500CPS/IN.		

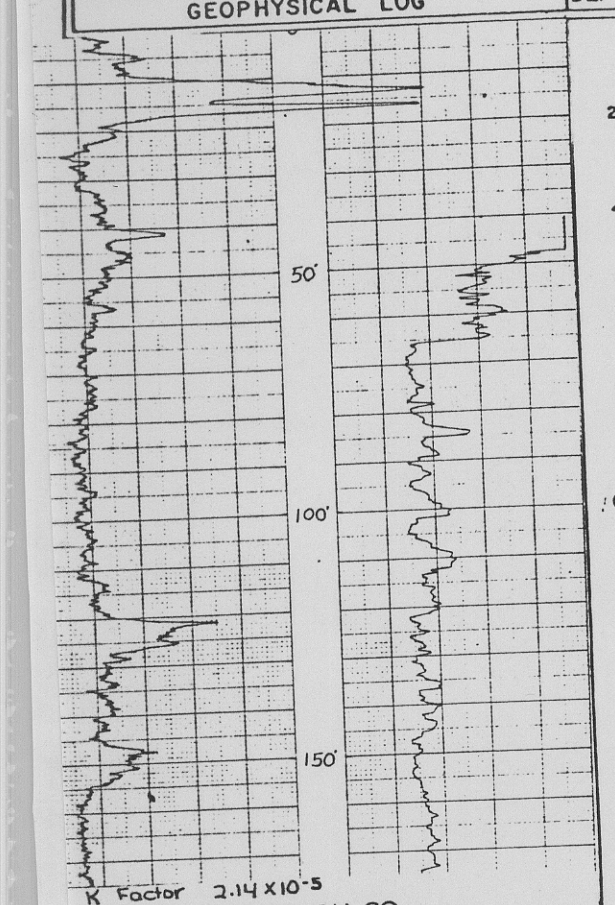
PROJECT Anderson Mine HOLE SIZE 5 1/8 ☒ AIR ☒ WATER HOLE NO. AM-195

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY GM DATE 2-4-76

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 180' P.D. _____

Foam @ 70'

GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG



K Factor 2.14 X 10-5

MINERALS EXPLORATION CO.
Dead Time 17.3 usec
JASPER, WYOMING

HOLE NO. AM-195

LOCATION	ANDERSON MINE
COUNTY	Yavapai STATE ARIZONA
N. 1,202,816N	
E. 645,633E	ELEV.
LOC.	TWP. RGE.
DATE	2-4-76
DEPTH DRILLED	180'
DEPTH LOGGED	180'
FOOTAGE LOGGED	180'
HOLE DIAMETER	5⅛" To 180'
WATER FACTOR	1.157
RESISTIVITY	50 × 10 OHMS/INCH
SELF POTENTIAL	M.V./IN.
RUNS	1ST. RUN 2ND. RUN 3RD. RUN
BOTTOM	
TOP	
TOTAL FEET	
SCALE RUN	

GAMMA SCALE	500-50CPS/IN.
PROBE TYPE	Scint.
K-FACTOR	
DEAD TIME	
TIME CONSTANT	1
PROBE DIA.	1⅝"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	Sharpe
CONTRACTOR	REID
LAST A.E.C. PIT RUN	Aug. 2, 1975
FLUID LEVEL	48'
REMARKS:	

0 – 35 limestone / mudstone : Grey white → buff → red; some chert. Is interbedded w/ mudstone (bentonitic) stringer of red mudstone 25' chert gen. red w/ some grey & green

35 → 40' mudstone: olive green, bentonitic

40 → 50 Limestone: Brown → Buff → red, approx dolomitized (white → grey → red) (non-calcareous

50 → 60 mudstone: olive green → Brown, bentonitic.

60 → 70 siltstone: Brown → Tan, some mud matrix (50%) some chert (30±%) some sand (10%) qtz, musc, biot tr, chlorite, chert gen, red → grey sub-calcareous

70 → 160 Mudstone: Red → Brown → Tan bentonitic, mudstone very clean in upper portion of section, acquires much chert in lower middle of section & is clean again @ the base, chert mostly red → white → grey

160 – 180 Basement Agglomerate, red & black frags w/ red mudstone matrix.

TD 180

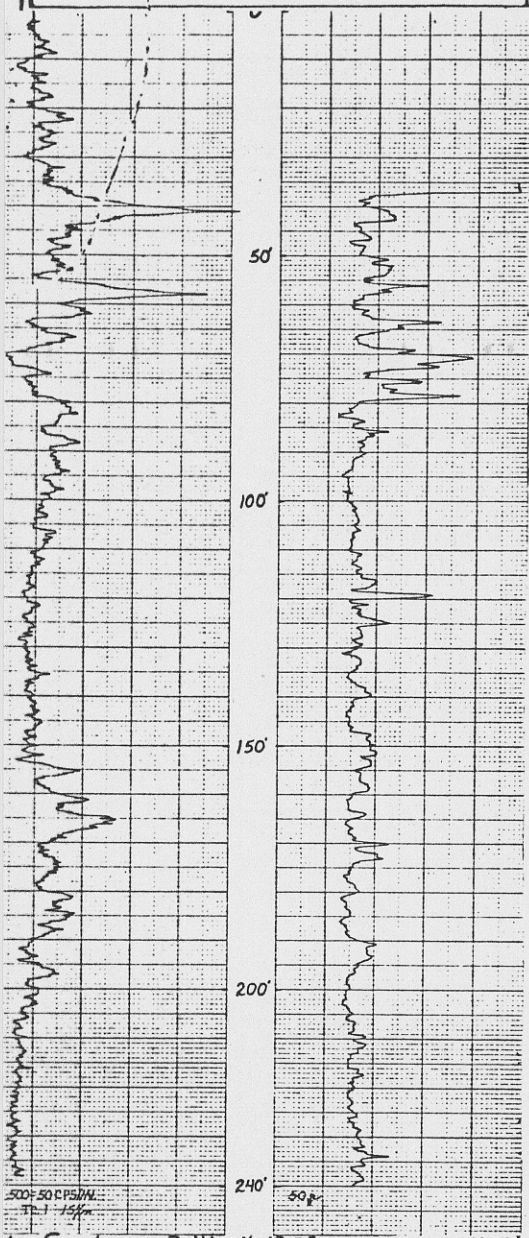
AM195

PROJECT Anderson Mine HOLE SIZE 5 1/8 ☒ AIR ☒ WATER HOLE NO. AM-196

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY GM DATE 2-5-76

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

GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG



K Factor 2.14 x 10-5
Dead Time 17.3 USEC

INERALS EXPLORATION CO.

PER, WYOMING HOLE NO. AM-196

ATION	ANDERSON MINE	GAMMA SCALE	500-50CPS/IN.
NTY	Yavapai STATE ARIZONA	PROBE TYPE	Scint.
1,202,395 N		K-FACTOR	[redacted]
645,994 E	ELEV. 1894'	DEAD TIME	[redacted]
		TIME CONSTANT	1
TWP.	RGE.	PROBE DIA.	1 1/8"
2-4-76		CALIPER	
DRILLED	240'	DIRECTIONAL SURVEY	
LOGGED	240'	TEMPERATURE	
AGE LOGGED	240'	OPERATOR	Hudson
DIAMETER	5 1/2" To 2 1/2"	DRILLER	Sharpe
FACTOR	1.157	CONTRACTOR	REID
VITY	50-10 OHMS/INCH	LAST A.E.C. PIT RUN	Aug 2, 1975
OTENTIAL	M.V./IN.	FLUID LEVEL	37'

Depth	Lithology
0-15	Mudstone: Olive green w/ some stringers of white mstn. calcareous
15→20	limestone: white → lt. grey, abundant red chert. some bentonitic mudstone
20→50	mudstone: Olive green → grey, calcareous some chert (10→15%) mostly green → grey w/ some white, some detrital grains.
50→60	limestone/mudstone: white → cream, calcareous, chert (red), 10→20% interbedded ls. and mdstn. much [illegible]
60→70	mudstone/limestone: olive → grey → white chert, grey → olive w/ some red. ls interbedded w/ grey & olive & red mdstn.
70→80	mudstone/limestone: Red → buff → Brown limestone interbedded w/ red & grey mudstone, much chert grey → red
80→90	Mudstone: bentonitic much red chert & red mudstone chips. calcareous
90→105	mudstone: olive → grey, much chert grey → white → black, some ls chips toward bottom of section
105→125	mudstone/siltstone: Brown → Buff w/ some white → grey, mudstone matrix w/ siltstone chips (Brown) floating in it. some chips of ls appear toward bottom of section ls has mg. dentrites on some pieces some chert. brown → yellow w/ some red & grey (weathered, calcareous)
125→205	mudstone: red → yellow, Bentonitic mudstone mostly bright red w/ some bright yellow chips of mudstone, much chert (50%) both red & yellow, some detrital sand grains (weathered)
205→240	Basement, Vol. Frags, both andesitic & basic & fresh & altered in red mud matrix (weathered) some vol frags have been altered to clays (illite?)

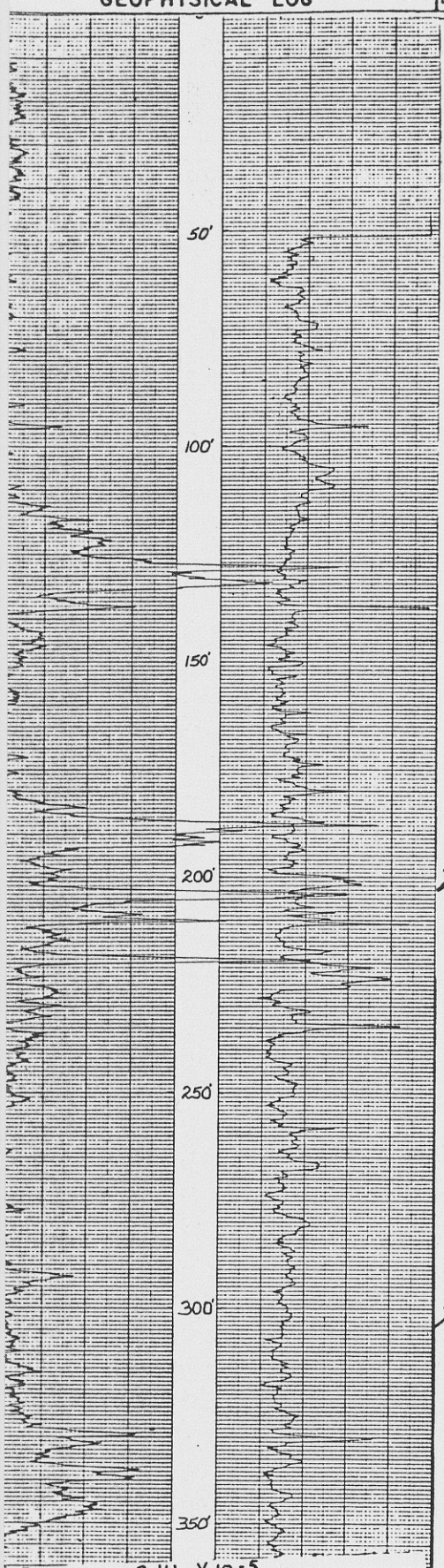
(FOAM @ 1901)

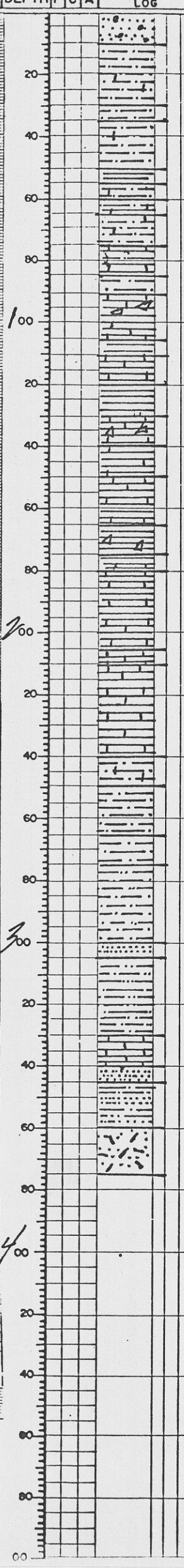
ROJECT ANDERSON MINE HOLE SIZE ☒ AIR ☐ WATER HOLE NO. AM 198

EVATION NORTH EAST LOGGED BY S. PAVLAK DATE 2/7/76

CTION 14 TOWNSHIP 11N RANGE 10W T.D. 375' P.D. 374'

GEOPHYSICAL LOG | DEPTH | P | C | A | STRIP LOG | LITHOLOGY LOG





Factor 2.14 X 10-5
RALS EXPLORATION CO.
d Time 17.3 USEC

TOMING

ANDERSON MINE
Uavapai STATE ARIZONA
1598 N
6 392 E ELEV. 1992'

	TWP	RGE
	2-7-76	
ID	370	
ID	373'	
GGED	373	
TER	5¾" To 100'	5¾" To 215'	5¾" To 370'
TOR	1.177	1.172	1.157
	50 ND OHMS/INCH		
TIAL	M.V./IN		

1ST RUN 2ND RUN 3RD RUN

HOLE NO. AM-198

GAMMA SCALE	500:50 CPS/IN
PROBE TYPE	Scint.
K-FACTOR	[illegible]
DEAD TIME	[illegible]
TIME CONSTANT	1
PROBE DIA.	1½"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	Roberts
CONTRACTOR	Reid
LAST A.E.C. PIT RUN	Aug. 2, 1975
FLUID LEVEL	51'
REMARKS	

0'

LITHOLOGY LOG

0-10' SS & CONGL: BRN; $CaCO_3$ CEMENT; QTZ LITHICS

10-30' SLTSTN: OLIVE GRN - GRNISH BRN; LOCALLY CALCAREOUS; BLK SUBST. (MAYBE GREASE); SLIGHTLY SANDY.

30-35' SLTSTN: RED BRN.

35-50' SLTSTN: GRNISH BRN; SLIGHTLY SANDY, CALCAREOUS

50-55' MUDSTN: PINKISH TAN; BENTONITIC

55-60' SLTSTN: GRNISH BRN; SLIGHTLY CALCAREOUS.

60-65' SLTSTN & LIMESTN: BRN SLTSTN & INTBD OFF WHITE LIMESTN.

65-75' SLTSTN: GRNISH BRN & BRNISH GRN; CALCAREOUS

75-85' LIMESTN & MUDSTN: INTBD OFF WH. LIMESTN & WH. BENTONITIC MUDSTN; COM. PINK CHERT.

85-90' SLTSTN: OLIVE GRN.

90-105' LIMESTN & MUDSTN: INTBD WHITE; COM. PINK CHERT; BENTONITIC

105-110' MUDSTN: V. PALE OLIVE GRN; BENTONITIC

110-120 LIMESTN & MUDSTN: INTBD WHITE-PALE GRN; BENTONITIC MUDSTN.

120-130' MUDSTN: OLIVE GRN.

130-140' LIMESTN & MUDSTN: INTBD; WHITE; BENTONITIC MUDSTN; ABNT RED-RED BRN CHERT.

140-150' MUDSTN: INTBD WH. BENTONITIC & OLIVE GRN; CALCAREOUS

150-165 LIMESTN - MUDSTN: INTBD; WHITE; BENTONITIC MUDSTN

165-175' MUDSTN & CHERT: OLIVE GRN & WHITE BENTONITIC INTBD W. PINK-RED CHERT

175-180' MUDSTN: SALMON PINK; COM. LIMESTN.

180-205' LIMESTN - MUDSTN - CHERT: INTBD WHITE LIMESTN, OLIVE GRN & BENTONITIC WHITE MUDSTN & RED-RED BRN CHERT.

205-210' LIMESTN: OFF WHITE

210-240' LIMESTN - MUDSTN: INTBD OFF WHITE LIMESTN & OLIVE GRN & RED MUDSTN.

240-250' SLTSTN: OLIVE GRN; CALCAREOUS

250-265' SLTSTN: BRN; CALCAREOUS

265-275' SLTSTN: GRNISH BRN.

275-300' SLTSTN: VARICOLORED; BRICK RED & OLIVE GRN; SLIGHTLY SANDY

300-305' SS: BRICK RED; CALCAREOUS; F-M GRN; WELL SORTED

305-330' SLTSTN: VARICOLORED, BRICK RED, OLIVE GRN; ORGE; SANDY

330-340' LIMESTN: OFF WHITE

340-345' SS: BRN; F-M GRN; ABNT QTZ, LITHICS.

345-360' SS & SLTSTN: INTBD; VARICOLOR INCLUDING BRN, RED, OLIVE GRN.

360-375' BASEMENT: SS & BLK & VARICOLORED VOLC. RK FRAGS

PROJECT Anderson Mine HOLE SIZE ☒ AIR ☒ WATER HOLE NO. AM-200

ELEVATION NORTH EAST LOGGED BY TJH DATE 2-10-76

SECTION 14 TOWNSHIP RANGE T.D. 560 P.D.

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						0-35 Congl, red-buff, w/c. basic igneous rk frag.
						35-40 Basalt, blk
						40-45 Congl, rd, v. sandy w/r. basic igneous rk inclusions
						45-90 SS, grn-buff, med-v. crse grn, subangular qtz, felds, mica, rk frag, c. lm stn
						90-100 slt/stn, buff-grn, v. sandy
						100-110 SS, buff, fn-med grn, as described above
						110-160 slt/stn, buff to gry-buff
						160-195 slt/stn, grnsh-buff, v. slightly calcareous
						195- mdstn, v. pale grn w/c. cream interbed muddy ls
						210-220 mdstn, v. pale grn, & pak w/c. interbed cream ls, v. calcareous throughout
						220-250' ls, cream w/c-abund. interbed v. pale grn mdstn & lt. chert
						250-280 mdstn, olive-grn, v. calcareous, r. chert slightly silicified
						280-290 ls, cream w/c. gry-grn mdstn
						290-300 mdstn, olive-grn, calcareous
						300-310 mdstn, gry-grn & ls, wh, w/c. chert
						310-320 mdstn & ls as above w/c. rd-brn chert
						320-335 mdstn, gry-grn, calcareous w/c. interbed wh ls, r. - lt chert
						335-350 ls, wh & pnk, v. muddy
						350-355 mdstn, olive-grn w/c. interbed wh ls
						355-370 ls, cream & rd w/c. rd-brn & gry chert, r. buff zones @ base
						370-385 mdstn, olive-grn w/r. buff streaks calcareous throughout
						385-425 mdstn, gry to pnsh-gry, ⊻ calcareous
						425-450' SS, gry-buff, med-crse grn, subangular qtz, felds, rk. frag. r. hem & lm stn
						450-460 mdstn, olive-grn w/c. interbed ss as above
						460-500 mdstn, olive-grn, gry, wh, calcareous w/ r-c. or & rd streaks becoming more prevalent @ base also increasingly more silty w/ depth, slightly calcareous (Note: v. little sample received from 460-470')
						@ base also increasingly more silty w/ depth, slightly calcareous (Note: v. little sample received from 460-470')
						500-530 mdstn-ls, cream to pnksh-gry, calcareous throughout
						530-540 mdstn, pab olive-grn & buff, slightly silty & calcareous
						540-560 SS - Aglom, rd-buff, c. blk & rd vol. frag. Basement
						560 T.D.

AM200 1/2

AM 200 2/2

K & E MINERALS EXPLORATION CO.
Drill Time 175 USGC

CLIENT INFORMATION

LOCATION	ANDERSON MINE	HOLE NO.	AM-200
COUNTY	Yavapai	STAR	Unknown
LAT. 34°45'45"	LONG. 112°41'		
DATE	2-10-76		
DEPTH DRILLED	560		
DEPTH CASED	540		
HOLE DIAMETER	7 7/8		
WATER FACTOR	.1177		
MUD PROPERTIES	30 SEC		
SCALE	500		
SECTION	14		
TOWNSHIP	19		
RANGE	4		
SCALE RUN	2K 500 DOWN		

CASING SIZE	300' NOT SET
DRILL TYPE	Scout
STATION	
DRILL TYPE	Rotary
RIG CONTRACTOR	
DRILL RIG	A
CALIPER	
DIRECTIONAL SURVEY	
DEVIATION	
DIAMETER	Uniform
DRILLER	Schrock
CONTRACTOR	NCD
WAT. EST. PT. RUN	Aug 6, 1975
FLUID LEVEL	40.7'
REMARKS	