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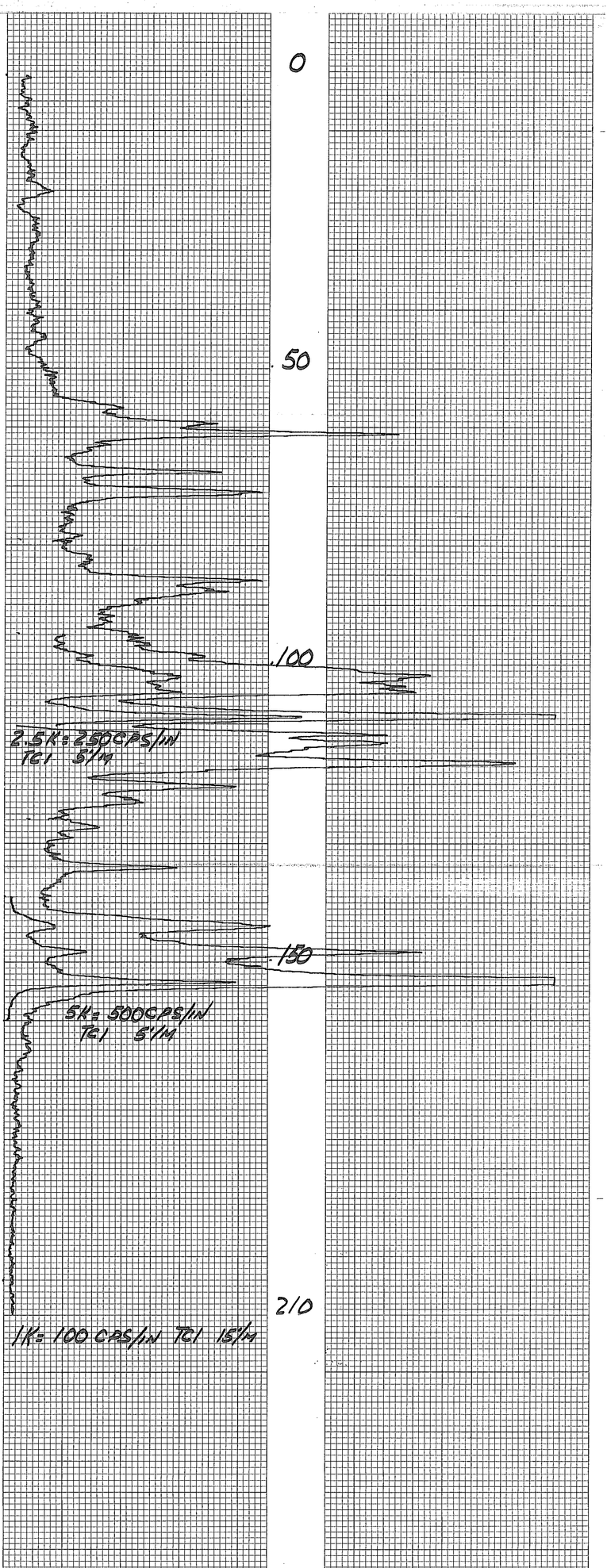
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 471

LOCATION ANDERSEN MINE		GAMMA SCALE	1K=100CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP. ~~1,202,974.5N 636,617.6~~ E	ELEV. 1701	K-FACTOR	2.05×10^{-5}
SEC. 1205461.69N 82956.05 TWP.	RGE.	DEAD TIME	8μ
		TIME CONSTANT	1
		PROBE DIA.	1 5/8
		CALIPER	
		DIRECTIONAL SURVEY	
		TEMPERATURE	
		OPERATOR	KETTERLING
		DRILLER	FREDDY
		CONTRACTOR	UNIVERSAL
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	
		REMARKS:	

DATE	3-21-77		
DEPTH DRILLED	210		
DEPTH LOGGED	210		
FOOTAGE LOGGED	296		
HOLE DIAMETER	5		
WATER FACTOR	-		
RESISTIVITY	- OHMS/INCH		
SELF POTENTIAL	- M.V./IN.		
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	160	110	
TOP	139	95	
TOTAL FEET	21	15	
SCALE RUN	5K=500CPS/IN	2.5K=250CPS/IN	



No. GC-1133
GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK
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MINERALS EXPLORATION CO.

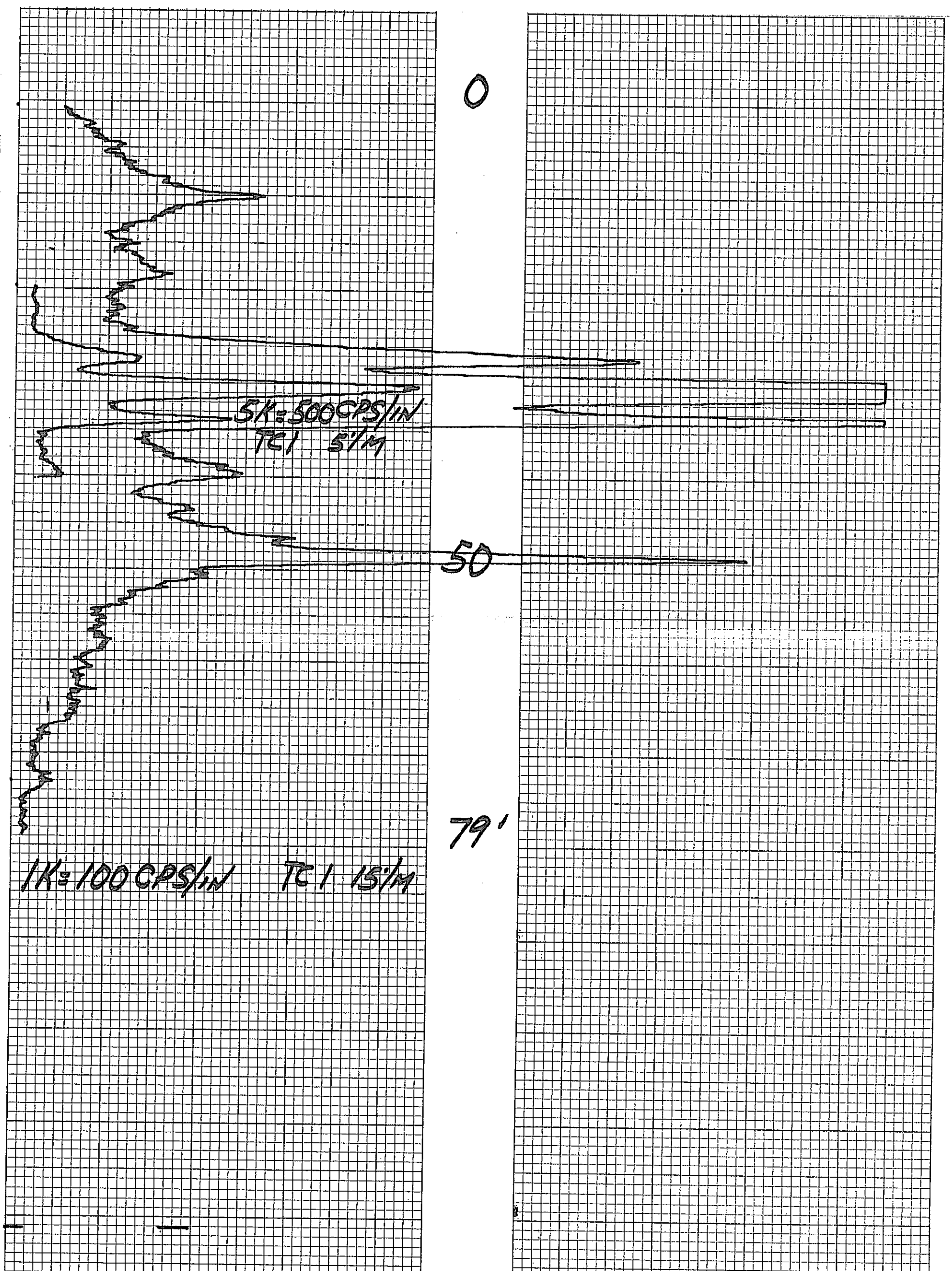
CASPER, WYOMING

HOLE NO. AM 472

LOCATION ANDERSEN MINE		GAMMA SCALE	1K=100CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP. ~~1,203,102.7N 636,277.3E~~	ELEV. 1955	K-FACTOR	2.05×10^{-5}
1205630.82N		DEAD TIME	8μ
SEC. 82950.09E TWP.	RGE.	TIME CONSTANT	1
		PROBE DIA.	1 5/8
DATE	3-21-77	CALIPER	
DEPTH DRILLED	80	DIRECTIONAL SURVEY	
DEPTH LOGGED	79	TEMPERATURE	
FOOTAGE LOGGED	99	OPERATOR	KETTERLING
HOLE DIAMETER	5	DRILLER	JIM
WATER FACTOR	-	CONTRACTOR	UNIVERSAL
RESISTIVITY	- OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	- M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	40		
TOP	20		
TOTAL FEET	20		
SCALE RUN	5K=500CPS/IN		

REMARKS:



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CASPER, WYOMING

HOLE NO. AM 473

LOCATION ANDERSEN MINE

COUNTY YAVAPAI STATE ARIZONA

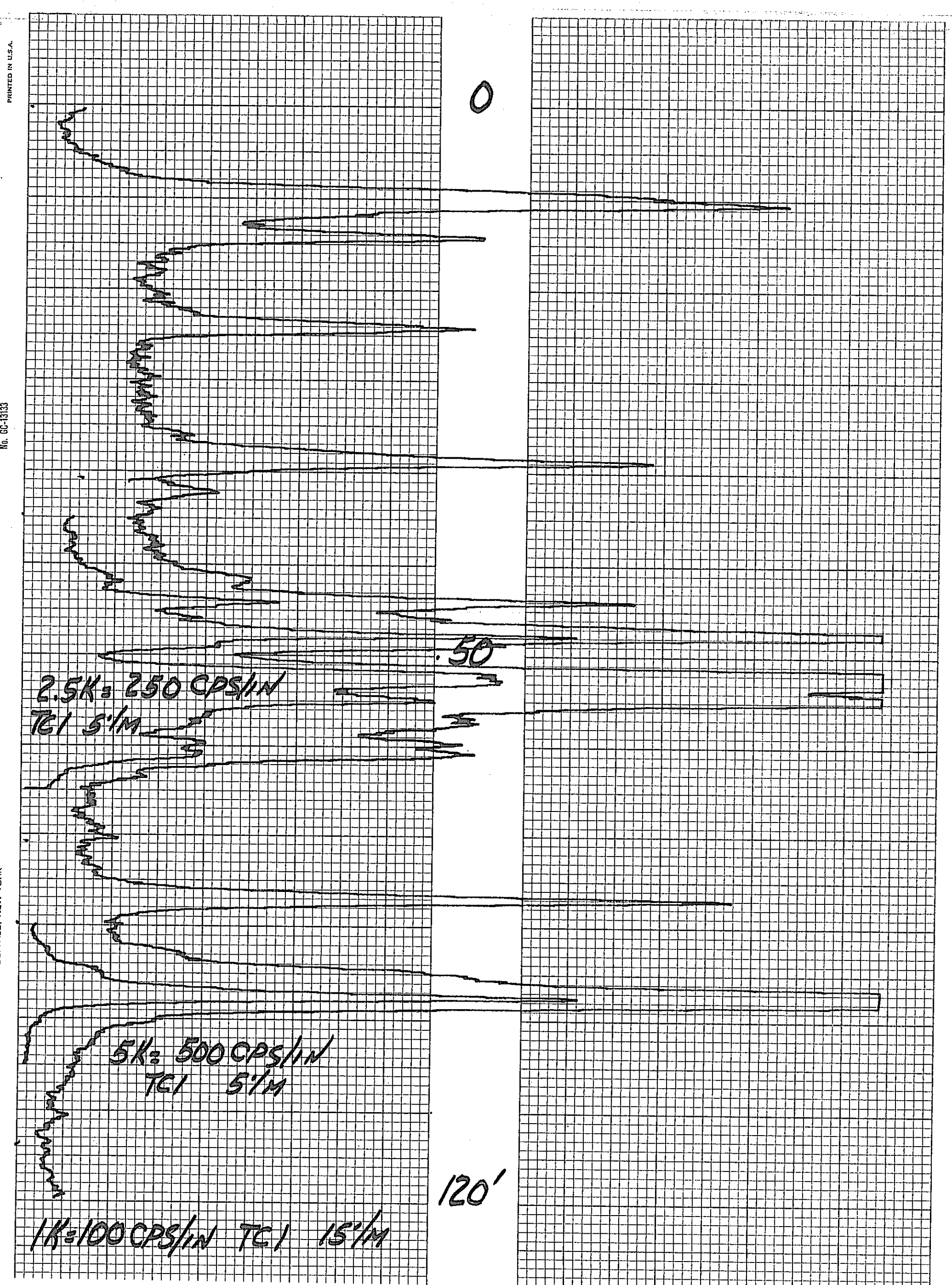
GP. ~~1,203,144.0N-636,609.3E~~ 1205630.82N ELEV. 1667

SEC. 82 950.09E TWP. RGE.

DATE	3-21-77
DEPTH DRILLED	120
DEPTH LOGGED	120
FOOTAGE LOGGED	165
HOLE DIAMETER	5
WATER FACTOR	-
RESISTIVITY	- OHMS/INCH
SELF POTENTIAL	- M.V./IN.

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	105	65	
TOP	90	35	
TOTAL FEET	15	30	
SCALE RUN	5K=500CPS/IN	2.5K=250CPS/IN	

GAMMA SCALE	1K=100CPS/IN
PROBE TYPE	SCINT
K-FACTOR	2.05×10^{-5}
DEAD TIME	8 μ
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	FREDDY
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



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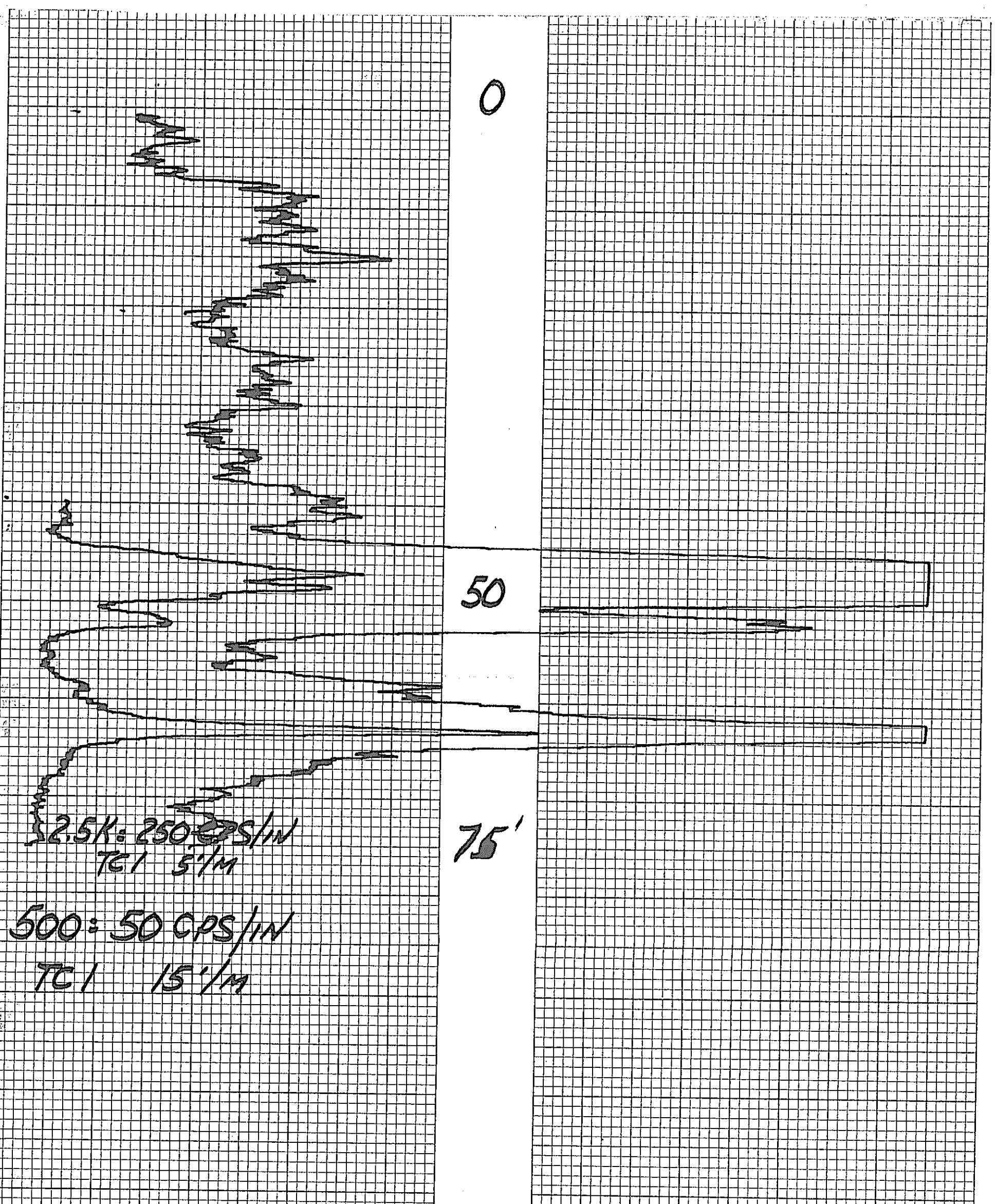
CASPER, WYOMING

HOLE NO. AM 474

LOCATION ANDERSEN MINE		GAMMA SCALE	500=50CPS
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP. ~~1,203,205.2N 636,191.2E~~	ELEV. 1702	K-FACTOR	2.05×10^{-5}
		DEAD TIME	
1205699.32N		TIME CONSTANT	1
SEC. 82533.25E TWP.	RGE.	PROBE DIA.	1 5/8
DATE	3-19-77	CALIPER	
DEPTH DRILLED	75	DIRECTIONAL SURVEY	
DEPTH LOGGED	75	TEMPERATURE	
FOOTAGE LOGGED	110	OPERATOR	KETTERLING
HOLE DIAMETER	5	DRILLER	FREDDY
WATER FACTOR	-	CONTRACTOR	UNIVERSAL
RESISTIVITY	- OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	- M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	75		
TOP	90		
TOTAL FEET	35		
SCALE RUN	2.5K=250CPS/IN		

REMARKS: PROBE 61-2



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MINERALS EXPLORATION CO.

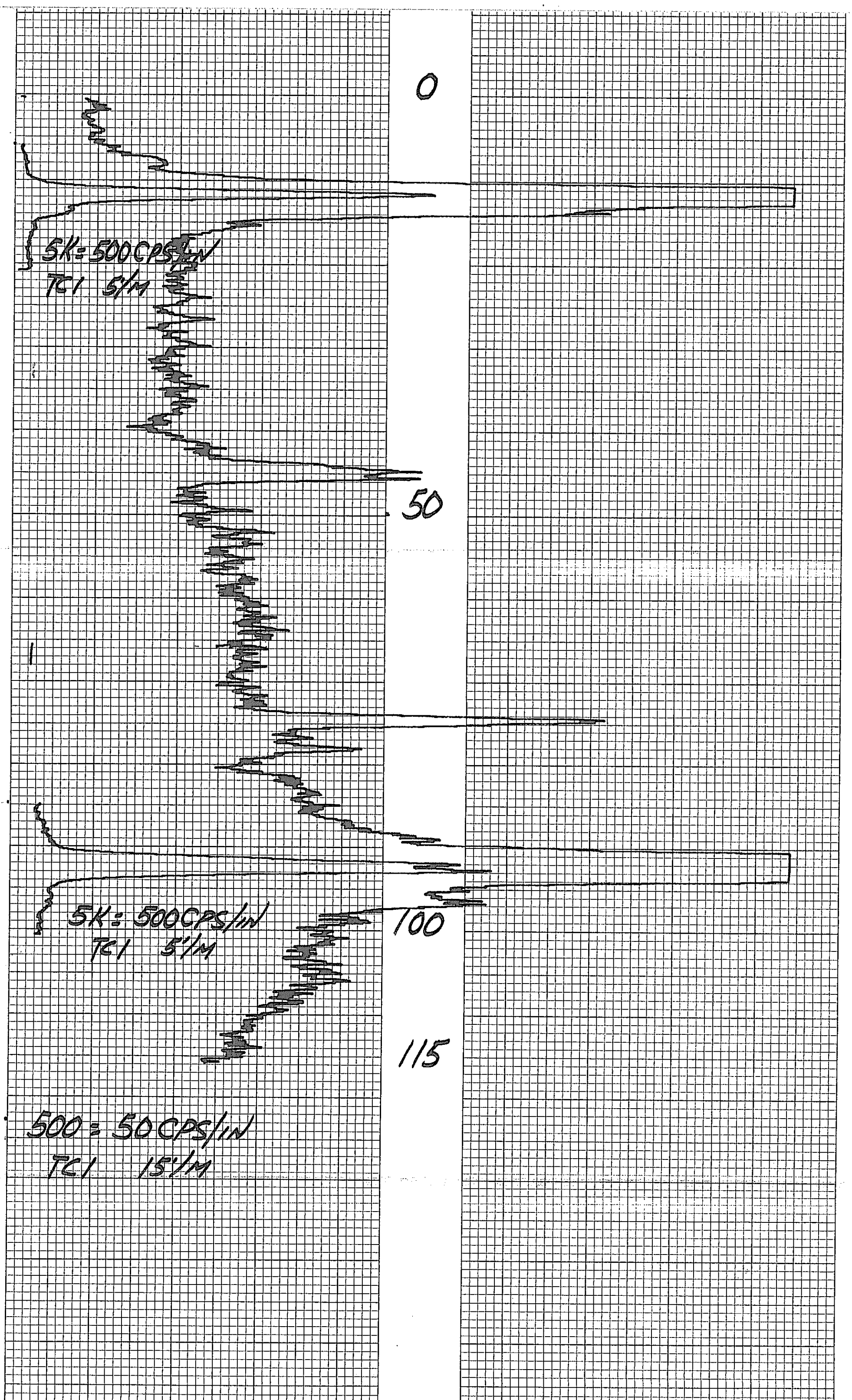
CASPER, WYOMING

HOLE NO. AM 475

LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 50CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT
GP. ~~1,203,436.IN 636,006.7 E~~	ELEV. 1795	K-FACTOR	2.05×10^{-5}
1205933.59N		DEAD TIME	
SEC. 82353.44E TWP.	RGE.	TIME CONSTANT	1
		PROBE DIA.	1 5/8
DATE	3-20-77	CALIPER	
DEPTH DRILLED	120	DIRECTIONAL SURVEY	
DEPTH LOGGED	~~115~~	TEMPERATURE	
FOOTAGE LOGGED	130	OPERATOR	KETTERLING
HOLE DIAMETER	5	DRILLER	FREDDY
WATER FACTOR	-	CONTRACTOR	UNIVERSAL
RESISTIVITY	- OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	- M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	100	21	
TOP	85	0	
TOTAL FEET	15	21	
SCALE RUN	5K=500CPS/IN	5K=500CPS/IN	

REMARKS: PROBE 61-2



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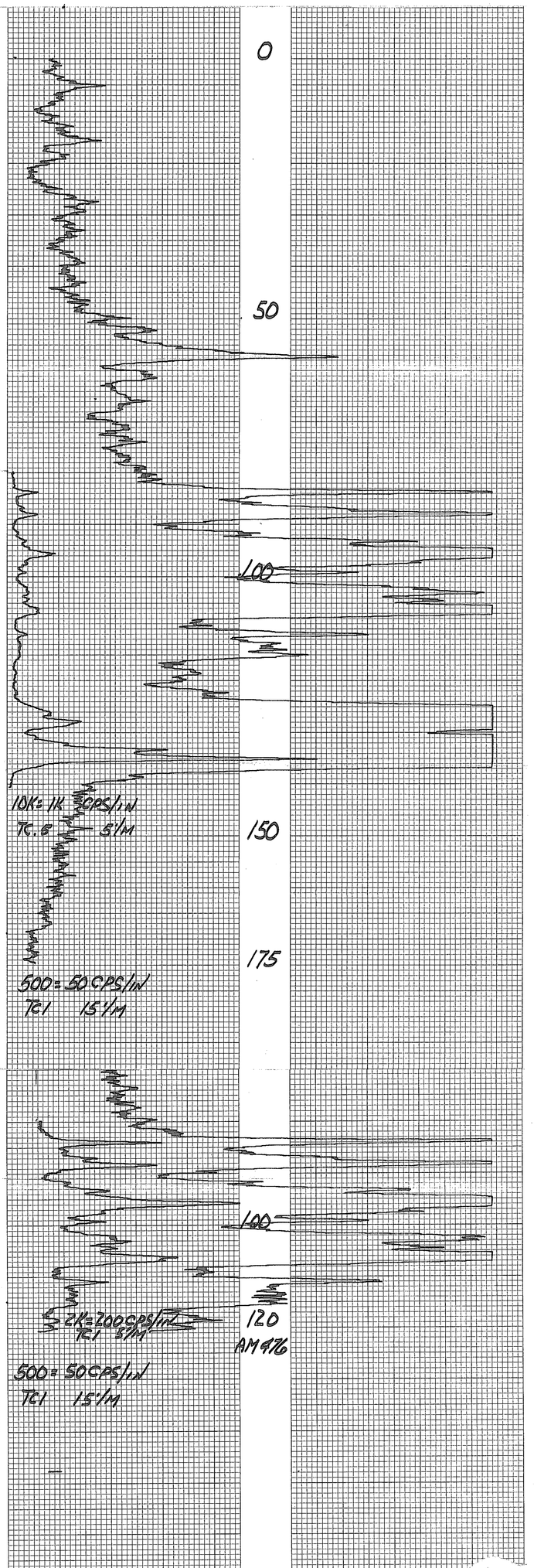
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 976

LOCATION ANDERSEN MINE			
COUNTY YAVAPAI	STATE ARIZONA		
GP. ~~1,203,394.1N - 636,381.6~~ E	ELEV. 1748		
1205 884.86 N			
SEC. 82 727.62 E	TWP.	RGE.	
DATE	3-20-77		
DEPTH DRILLED	180		
DEPTH LOGGED	175		
FOOTAGE LOGGED	225		
HOLE DIAMETER	5		
WATER FACTOR	-		
RESISTIVITY	- OHMS/INCH		
SELF POTENTIAL	- M.V./IN.		
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	190		
TOP	90		
TOTAL FEET	50		
SCALE RUN	10K=1K CPS/IN		

GAMMA SCALE	500 = 50CPS/IN
PROBE TYPE	SCINT
K-FACTOR	
DEAD TIME	
TIME CONSTANT	
PROBE DIA.	
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	FREDDY
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	PROBE 61-2



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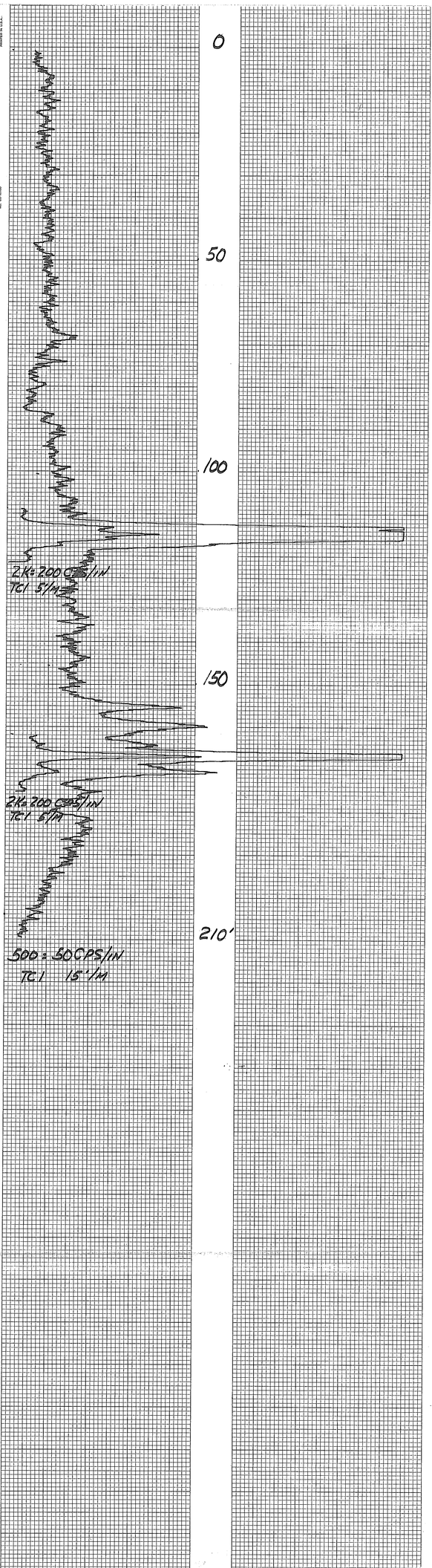
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE				HOLE NO.	AM 477
COUNTY YAVAPAI	STATE ARIZONA			GAMMA SCALE	500=50CPS/in
GP. ~~1,203,436.6N~~ ~~636,881.3E~~	ELEV. 1734			PROBE TYPE	SCINT
				K-FACTOR	2.05×10^{-5}
				DEAD TIME	
				TIME CONSTANT	1
SEC. 1205918.88N 83227.31E	TWP.	RGE.		PROBE DIA.	1 5/8
DATE	3-19-77			CALIPER	
DEPTH DRILLED	210			DIRECTIONAL SURVEY	
DEPTH LOGGED	210			TEMPERATURE	
FOOTAGE LOGGED	235			OPERATOR	KETTERING
HOLE DIAMETER	5			DRILLER	FREDDY
WATER FACTOR	-			CONTRACTOR	UNIVERSAL
RESISTIVITY	-	OHMS/INCH		LAST A.E.C. PIT RUN	
SELF POTENTIAL	-	M.V./IN.		FLUID LEVEL	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:	PROBE 61-2
BOTTOM	175	121			
TOP	162	109			
TOTAL FEET	13	12			
SCALE RUN	2K=200CPS/in	2K=200CPS/in			



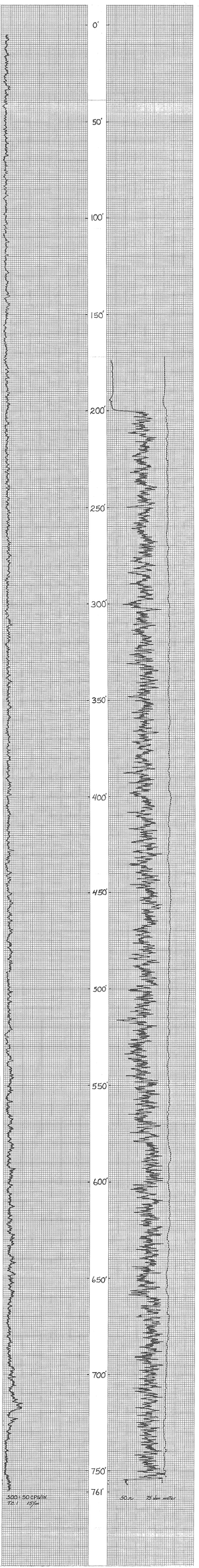
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	ARIZ.
GPS 1.888800.3N-652018.9E		ELEV. 1767	
1202 458 374			
SEC.	23 30S 16E/NW.	RGE.	
DATE	4/6/77		
DEPTH DRILLED	760		
DEPTH LOGGED	761		
FOOTAGE LOGGED	761		
HOLE DIAMETER	5⅝" to 760		
WATER FACTOR			
RESISTIVITY	50 OHMS/INCH 75 ohm meters		
SELF POTENTIAL	M.V./IN.		
BERING	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

HOLE NO. AM-478

GAMMA SCALE	500-50CPS
PROBE TYPE	SCINT.
K-FACTOR	5×10^{-13}
DEAD TIME	7.11 μ sec.
TIME CONSTANT	1
PROBE DIA.	1⅝"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	Von
CONTRACTOR	Roberts
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



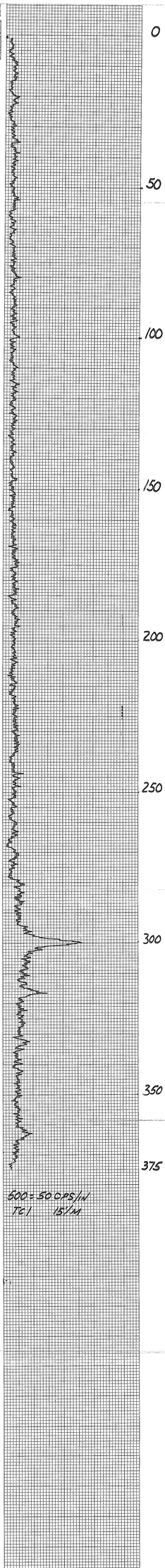
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 479

LOCATION	ANDERSEN MINE		
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	~~1201051.6N C36,622.6E~~ 1206538.42N	ELEV.	1997
SEC.	82980.41E	TWP.	RGE.
DATE	3-18-77		
DEPTH DRILLED	380		
DEPTH LOGGED	375		
FOOTAGE LOGGED	375		
HOLE DIAMETER	5		
WATER FACTOR	1.19		
RESISTIVITY	-	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	5.70×10^{-5}
DEAD TIME	7.18u
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	PETERLING
DRILLER	FRODDY
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



MINERALS EXPLORATION CO.

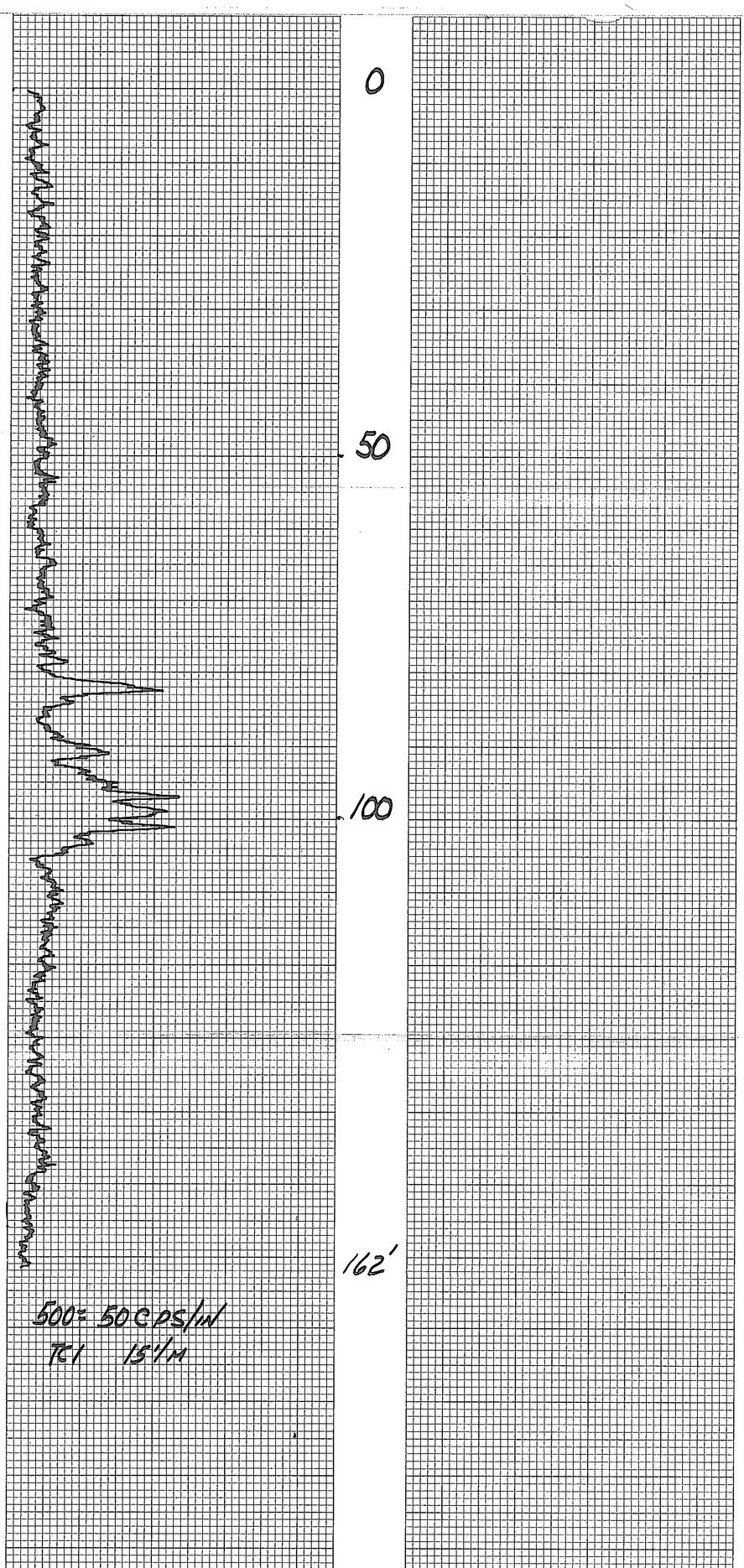
CASPER, WYOMING

HOLE NO. AM 480

LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 50CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT
GP. ~~1,204,216.7N 635,968.5E~~	ELEV. 1886	K-FACTOR	5.70X10-5
1206 715.15N		DEAD TIME	7.19u
SEC. 82 329.48E TWP.	RGE.	TIME CONSTANT	1
		PROBE DIA.	1 5/8
DATE	3-18-77	CALIPER	
DEPTH DRILLED	165	DIRECTIONAL SURVEY	
DEPTH LOGGED	162	TEMPERATURE	
FOOTAGE LOGGED	162	OPERATOR	RETTERLING
HOLE DIAMETER	5	DRILLER	FREDDY
WATER FACTOR	-	CONTRACTOR	UNIVERSAL
RESISTIVITY	- OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	- M.V./IN.	FLUID LEVEL	

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

REMARKS:



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PROJECT Anderson Mine HOLE SIZE ____ ☑ AIR ☐ WATER HOLE NO. AM 471

ELEVATION 1701 NORTH 1,202,974.5 EAST 636,617.6 LOGGED BY CZH DATE 3-21-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 210 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Siltst, Grn, Silicified W/Bentonite Layers + Grn + Gry Chert
	20					Silicified Siltst + Wht Calc Tuff, w/Red Brn Chert
						Siltst, Tan Grn to Grn, Bentonitic
	40					
50						Silicified Siltst, Red Brn Chert
	60					
						Siltst, Grn, w/ Int bdd Gry Bentonite, Bentonitic
	80					
						Silicified Siltst, Tan Grn, w/Gry, Grn + Red Brn Chert
100	100					Siltst, Red Brn, No Volcanics
2.5K = 250 CPS/IN TCI 5/M	20					Siltst, Grn to Tan Gry, Bentonitic, Trace silicification
	40					Siltst, Yel to Yel Tan, Bentonitic, Lim Stain
150						Siltst, Tan Grn to Red Brn, No Volcanics
5K = 500 CPS/IN TCI 5/M	60					
	80					Siltst, Brn to Red Brn, And Andesitic Volcanics, Red Brn + Gry Brn
	200					
210	210					
1K = 100 CPS/IN TCI 15/M	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE

COUNTY YAVAPAI STATE ARIZONA

GP. 1202,974.5N-636,617.6E ELEV. 1701

SEC. ____ TWP. ____ RGE. ____

	1ST. RUN	2ND. RUN	3RD. RUN
DATE	3-21-77		
DEPTH DRILLED	210		
DEPTH LOGGED	210		
FOOTAGE LOGGED	196		
HOLE DIAMETER	5		
WATER FACTOR	-		
RESISTIVITY (OHMS/INCH)	-		
SELF POTENTIAL (M.V./IN.)	-		
RERUNS			
BOTTOM	160	110	
TOP	139	95	
TOTAL FEET	21	15	
SCALE RUN	5K=500CPS/IN	2.5K=250CPS/IN	

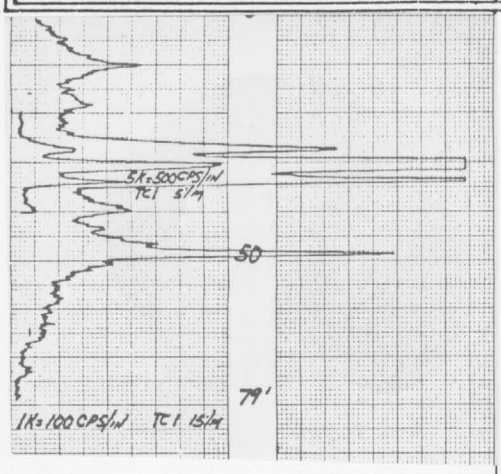
HOLE NO.	AM 471
GAMMA SCALE	1K=100CPS/IN
PROBE TYPE	SCINT.
K-FACTOR	2.05 x 10-5
DEAD TIME	8μ
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	NITERLING
DRILLER	FREDDY
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

PROJECT Anderson Mine HOLE SIZE _____ ☑ AIR ☐ WATER HOLE NO. AM472

ELEVATION 1955 NORTH 1,203,102.7 EAST 636,277.3 LOGGED BY CZH DATE 3-21-77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 80 P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Sltst, Pale Grn, Silicified W/ Brn Chert

Sltst, Grn, Bentonitic

Silicified Sltst + LS?, Grn to Gry Grn, W/ Brn, Yel Brn + Red Brn Chert

Sltst, Red Brn, silicified, No Volcanics

Sltst, Tan to Yel Tan, Lim Staining Lower 5'

Sltst, Red Brn, and Andesitic Volcanics Red Brn to Gry Brn

80

MINERALS EXPLORATION CO.

CASPER, WYOMING

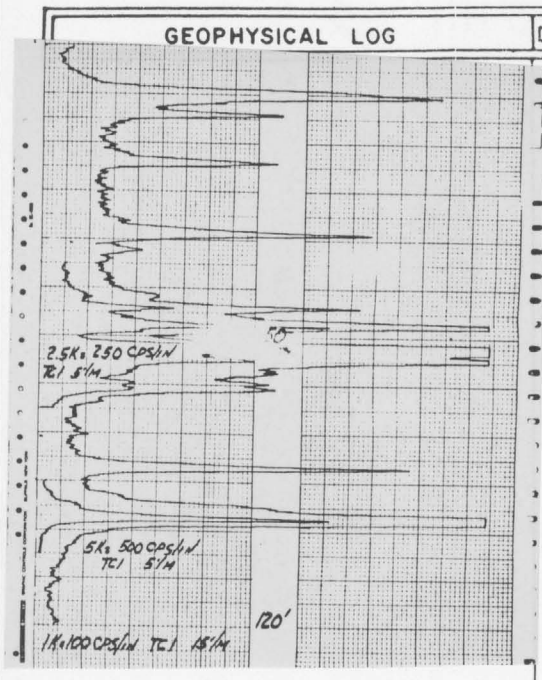
LOCATION ANDERSEN MINE		HOLE NO.	AM 472
COUNTY YAVAPAI	STATE ARIZONA	GAMMA SCALE	1K=100CPS/IN
GP. 1,203,102.7N-636,277.3E	ELEV. 1955	PROBE TYPE	SCINT.
SEC.	TWP. RGE.	K-FACTOR	2.05×10⁻³
DATE	3-21-77	DEAD TIME	8 ms
DEPTH DRILLED	80	TIME CONSTANT	1
DEPTH LOGGED	79	PROBE DIA.	1 5/8
FOOTAGE LOGGED	99	CALIPER	
HOLE DIAMETER	5	DIRECTIONAL SURVEY	
WATER FACTOR	-	TEMPERATURE	
RESISTIVITY	- OHMS/INCH	OPERATOR	KETTERLING
SELF POTENTIAL	- M.V./IN.	DRILLER	JIM
		CONTRACTOR	UNIVERSAL
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	

RUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS
BOTTOM	40			
TOP	20			
TOTAL FEET	20			
SCALE RUN	5K [illegible]			

PROJECT Anderson Mine HOLE SIZE ____ ☑ AIR ☐ WATER HOLE NO. AM473

ELEVATION 1667 NORTH 1,203,144.0 EAST 636,609.3 LOGGED BY CZH DATE 3-21-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 120 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					Sltst, Grn to Tan Grn, Silicified, w Brn, Yel Brn and Red Brn Chert
	40					Sltst, Grn, Bentonitic
	60					Silicified Sltst + Ls, Tan to Tan Grn, W Brn to Red Brn Chert
						Sltst, Purple Brn, w/ Mottled Red Chert.
						Sltst, Tan Grn, Sndy
	80					Sltst, Grn Brn
						Sltst, Yel Brn
	100					Sltst Red + Andesitic Volcanics Red Brn to Grn + Brn
	120					
	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 ARIZONA

GP. 1,203,144.0N-636,609.3E ELEV. 1667

SEC.	TWP.	RGE.

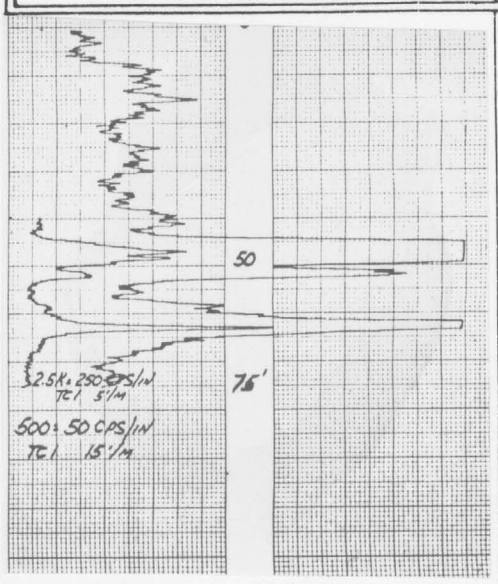
DATE	3-21-77		
DEPTH DRILLED	120		
DEPTH LOGGED	120		
FOOTAGE LOGGED	165		
HOLE DIAMETER	5		
WATER FACTOR	-		
RESISTIVITY	-	OHMS/INCH	
SELF POTENTIAL	-	M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	105	65	
TOP	90	35	
TOTAL FEET	15	30	
SCALE RUN	5K=500CPS/in	2.5K=250CPS/in	

HOLE NO.	AM 473
GAMMA SCALE	1K=100CPS/in
PROBE TYPE	SCINT
K-FACTOR	2.05×10^{-5}
DEAD TIME	0 μs
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	FRODY
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

PROJECT Anderson Mine HOLE SIZE _____ ☑ AIR ☐ WATER HOLE NO. AM474

ELEVATION 1702 NORTH 1,203,205.2 EAST 636,191.2 LOGGED BY C Zth DATE 3-19-77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 75 P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Silicified Siltst, Grn to Gry Grn, Yel Chert, Mn Staining
	20					Siltst, Grn, Bentonitic
						Silicified Siltst, Yel to Yel Brn Chert
						Siltst, Grn, Bentonitic
	40					Siltst Tan w/ Red Brn Mottled Chert
						Siltst, Grn
						Siltst, Tan Grn, Red + Red Brn Chert, Silicified
	60					Siltst, Yel Grn to Pel Brn, Bentonitic
						Siltst, Red Brn, w/ Andesitic Volcanic Frags, Red Brn
	75					
	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 ANDERSEN MINE

COUNTY YAVAPAI STATE ARIZONA

GP. 1,203,205.2 N-636,191.2 E ELEV. 1702

SEC. TWP. RGE.

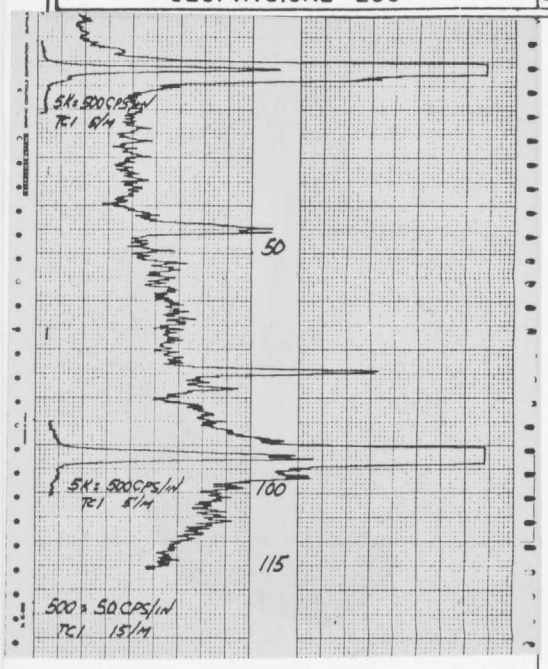
DATE	3-19-77		
DEPTH DRILLED	75		
DEPTH LOGGED	75		
FOOTAGE LOGGED	110		
HOLE DIAMETER	5		
WATER FACTOR	-		
RESISTIVITY	-	OHMS/INCH	
SELF POTENTIAL	-	M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	75		
TOP	40		
TOTAL FEET	35		

HOLE NO.	AM474
GAMMA SCALE	500 = 50 CPS/IN
PROBE TYPE	SCINT.
K-FACTOR	2.05×10^{-5}
DEAD TIME	
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	RETTERLING
DRILLER	FREDDY
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS: PAGE 1/-2	

PROJECT Anderson Mine **HOLE SIZE** _____ ☑ AIR ☐ WATER **HOLE NO.** AM 475

ELEVATION 1795 **NORTH** 1,203,436.1 **EAST** 636,006.7 **LOGGED BY** CZH **DATE** 3-19-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 120 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Sltst, Silicified, Grn W/Grn Subchert, Yel to Yel Grn Mineral deposition
	20					Sltst, Grn, Bentonitic W/Thin Intbdd Bentonite wht
	40					Silicified Sltst, Gry Grn, W/Brn, Yel + Red Brn Chert
	60					Sltst, Grn to Tan Grn, Bentonitic
	80					Sltst, Grn, Silicified, W/Red Brn Chert
	100					Sltst/Mdst, Grn, Bentonitic
	120					Sltst, Red, W/Red Brn Andesitic Volcanic Frags
	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 ANDERSEN MINE		HOLE NO.	AM 475
COUNTY YAVAPAI	STATE ARIZONA	GAMMA SCALE	500 = 50 CPS/IN
GP. 1,203,436.1N-636,006.7 E	ELEV. 1795	PROBE TYPE	SCINT
		K-FACTOR	2.05 × 10⁻⁵
		DEAD TIME	
SEC. TWP. RGE.		TIME CONSTANT	1
DATE	3-20-77	PROBE DIA.	1 5/8
DEPTH DRILLED	120	CALIPER	
DEPTH LOGGED	115	DIRECTIONAL SURVEY	
FOOTAGE LOGGED	130	TEMPERATURE	
HOLE DIAMETER	5	OPERATOR	KETTERLING
WATER FACTOR	-	DRILLER	FREDDY
RESISTIVITY	- OHMS/INCH	CONTRACTOR	UNIVERSAL
SELF POTENTIAL	- M.V./IN.	LAST A.E.C. PIT RUN	
		FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	100	21	
TOP	85	0	
TOTAL FEET	15	21	
SCALE RUN	5K = 500 CPS/IN	5K = 500 CPS/IN	

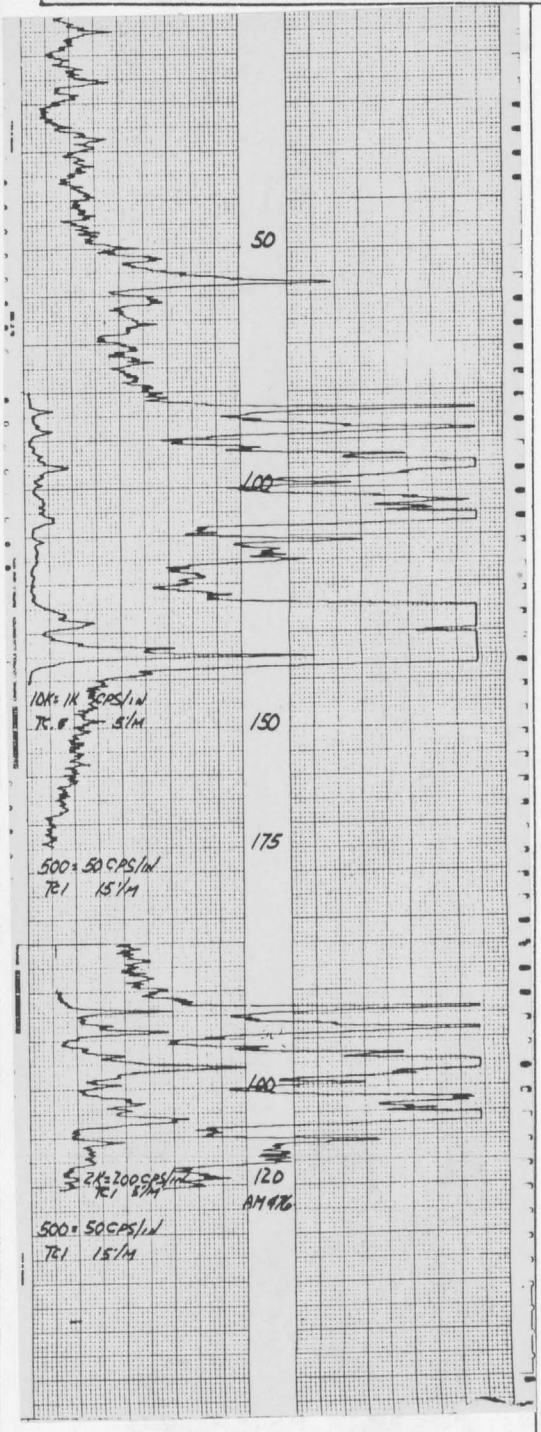
REMARKS: PROBE 61-2

PROJECT Anderson Mine HOLE SIZE ____ ☑ AIR ☐ WATER HOLE NO. AM 476

ELEVATION 1748 NORTH 1,203,394.1 EAST 636,381.6 LOGGED BY CZH DATE 3-20-77

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

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



Depth	Lithology
0–20	Silicified Sltst, Grn, Bentonitic, Gry Grn Chert
20–40	Silicified Ls or Calc Tuff + Sltst, Wht, w/ Brn Red Brn + Blk Chert
40–60	Sltst, Grn, Sndy, Bentonitic
60–80	Silicified Sltst, Grn w/ Gry + Grn Gry Chert
80–100	Sltst, Grn, Bentonitic
100–120	Sltst, Lt Grn w/ Yel Brn + Gry Chert, Silicified
120–140	Sltst, Grn to Yel Grn, Sndy
140–160	Silicified Sltst, Lt Tan, w/ Gry + Grn Gry Chert
160–180	Sltst, Choc Brn, Sndy; Sltst, Purple Brn, Trace Silicification; Sltst, Brn, Bentonitic
180–200	Sltst Red Brn to Orange Brn, Andesitic Volocanic Frags Red Brn to Gry Brn

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE		HOLE NO.	AM 476
COUNTY YAVAPAI	STATE ARIZONA	GAMMA SCALE	500=50CPS/IN
GP 1,203,394.1N-636,381.6E	ELEV. 1748	PROBE TYPE	SOINT
SEC.	TWP. RGE.	K-FACTOR	
DATE	3-20-77	DEAD TIME	
DEPTH DRILLED	180	TIME CONSTANT	
DEPTH LOGGED	175	PROBE DIA.	
FOOTAGE LOGGED	225	CALIPER	
HOLE DIAMETER	5	DIRECTIONAL SURVEY	
WATER FACTOR	-	TEMPERATURE	
RESISTIVITY	- OHMS/INCH	OPERATOR	ATTENING
SELF POTENTIAL	- M.V./IN.	DRILLER	FREDDY
		CONTRACTOR	UNIVERSAL
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	
		REMARKS:	PROBE 6L2

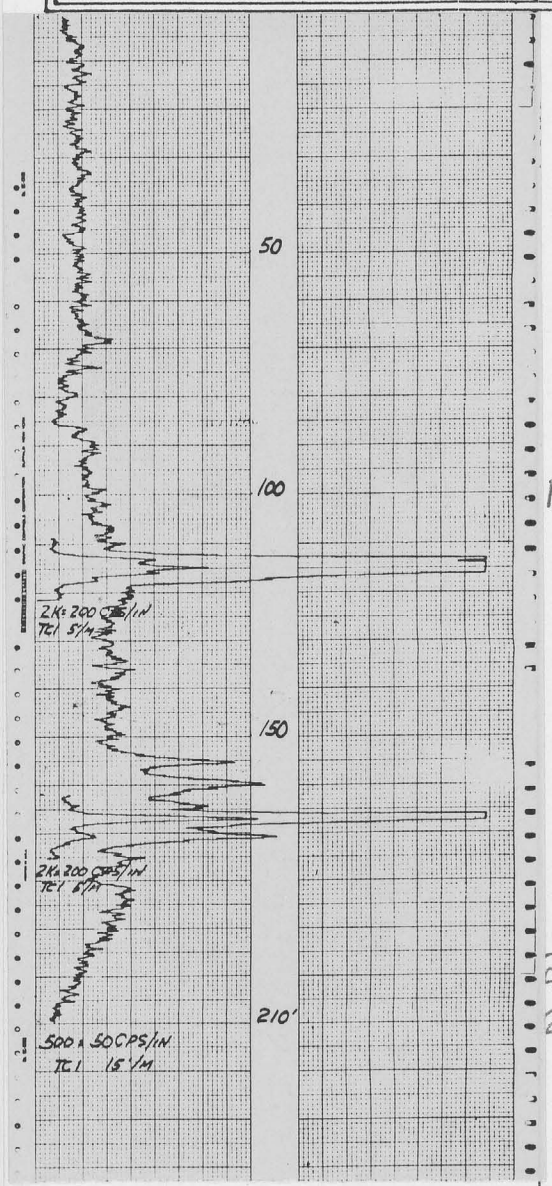
RUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	140		
TOP	90		
TOTAL FEET	50		
SCALE RUN	10K=1KCPS/IN		

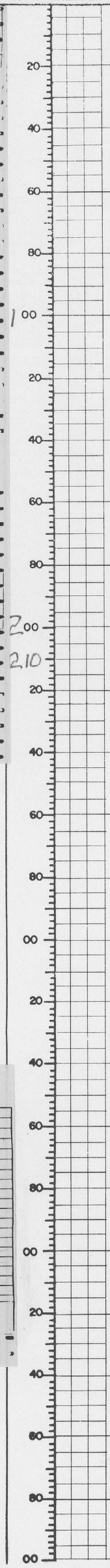
PROJECT Anderson Mine HOLE SIZE ____ ☑ AIR ☐ WATER HOLE NO. AM 477

ELEVATION 1734 NORTH 1,203,436.6 EAST 636,881.3 LOGGED BY CZH DATE 3-19-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 210 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





Cgl, Slope Wash, Talus Slop Volcanics + Granitics

Sltst, Tan

Sltst, Grn, Trace Silicification

Wht Calc Tuff or Ls, Wht, w/ Red Brn Chert Silicified, Calcareous

Sltst, Grn to Tan Grn

Sltst, Grn, W/Brn to Red Brn Chert

Sltst, Grn, Bentonitic

Sltst, Grn, silicified w/Grn to Yel Grn, Sub-Chert

Sltst, Grn, Bentonitic

Sltst Grn + Red Silicified Sltst, Trace to Com Carbonaceous Material, Grn Mineral

Sltst, Red w/ Red Brn Andesitic Volcanic Frags

~~Sltst~~

MINERALS EXPLORATION CO.

CASPER, WYOMING HOLE NO. AM 477

LOCATION ANDERSEN MINE		GAMMA SCALE	500 x 50 CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT
GP. 1,203,436.6N-636,881.3E	ELEV. 1734	K-FACTOR	2.05×10^{-5}
		DEAD TIME	
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	3-19-77	CALIPER	
DEPTH DRILLED	210	DIRECTIONAL SURVEY	
DEPTH LOGGED	210	TEMPERATURE	
FOOTAGE LOGGED	235	OPERATOR	KETTERLING
HOLE DIAMETER	5	DRILLER	FREDDY
WATER FACTOR	-	CONTRACTOR	UNIVERSAL
RESISTIVITY	- OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	- M.V./IN.	FLUID LEVEL	
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	REMARKS:	PROBE 61-2
BOTTOM	175 / 121		
TOP	162 / 109		
TOTAL FEET	13 / 12		
SCALE RUN	2K=200CPS/IN / 2K=200CPS/IN		

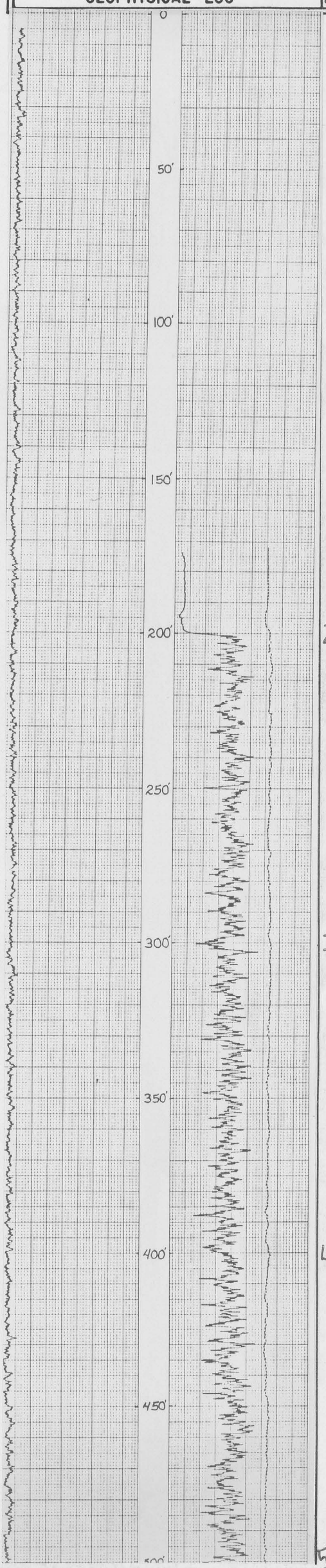
0

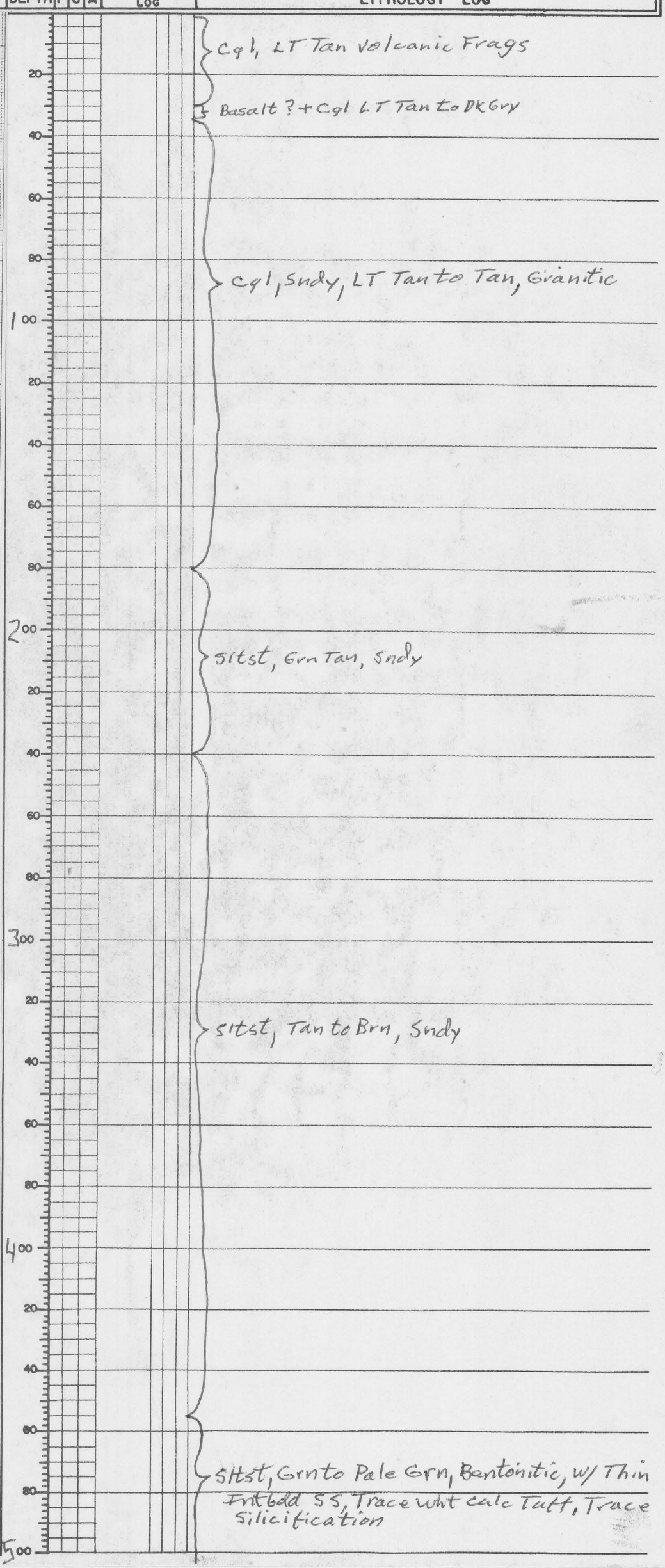
PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** Am 478

ELEVATION 1967 **NORTH** 1,199,800.3 **EAST** 637,218.9 **LOGGED BY** CZH **DATE** 4-5-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 780 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



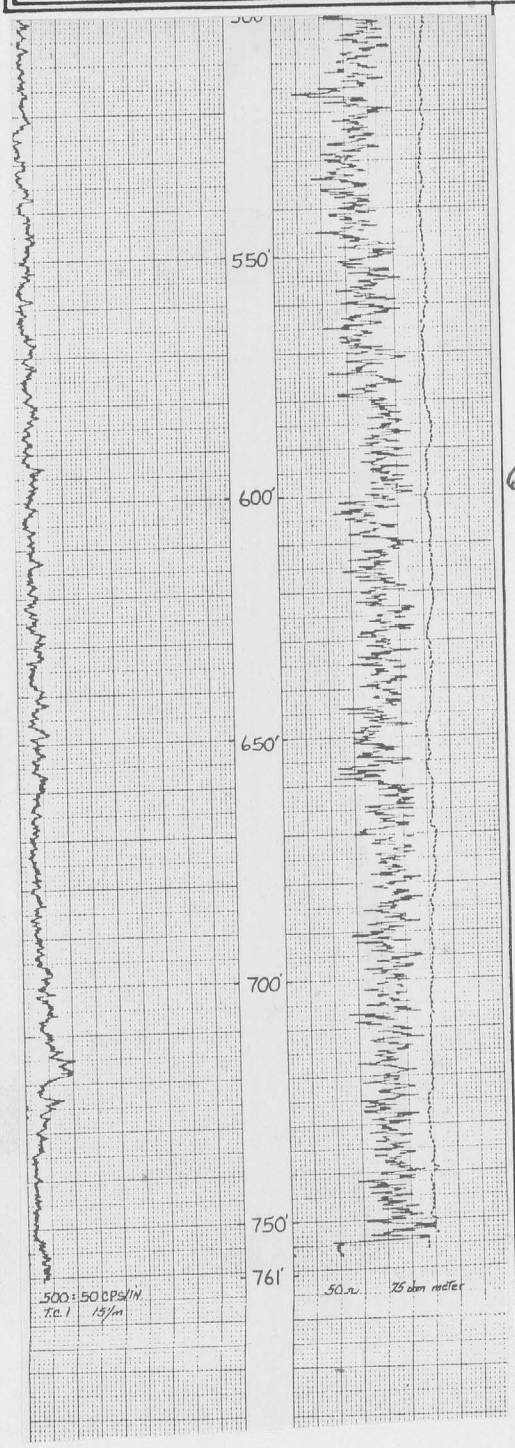


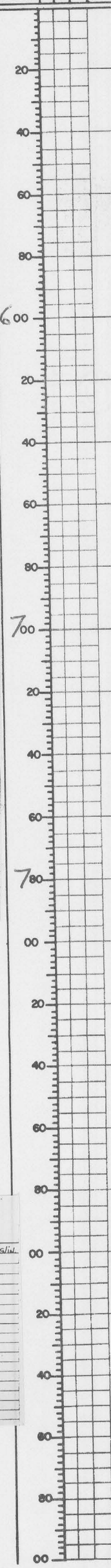
PROJECT Anderson Mine **HOLE SIZE** ____ ☐ AIR ☑ WATER **HOLE NO.** AM 478

ELEVATION 1967 **NORTH** 1,199,800.3 **EAST** 637,218.9 **LOGGED BY** CZH **DATE** 4-5-77

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 780 **P.D.** ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





Sltst, Grn to Pale Grn, Bentonitic, W/ Thin Intbdd SS, Trace Wht Calc Tuff, Trace silicification

SS, Grn Tan, Med to Crs, Sub Ang, W/ Intbdd Grn Sltst

Sltst, Grn, Bentonitic

SS, Med to Crs, Tan, Sub Ang to Sub Rnd,

Sltst, Grn Tan to Tan Brn, Sndy to V. Sndy

Sltst, Red Brn + Andesitic Volcanics Red Brn to Gry Brn

Andesitic Volcanics, Gry Brn

MINERALS EXPLORATION CO.

CASPER, WYOMING

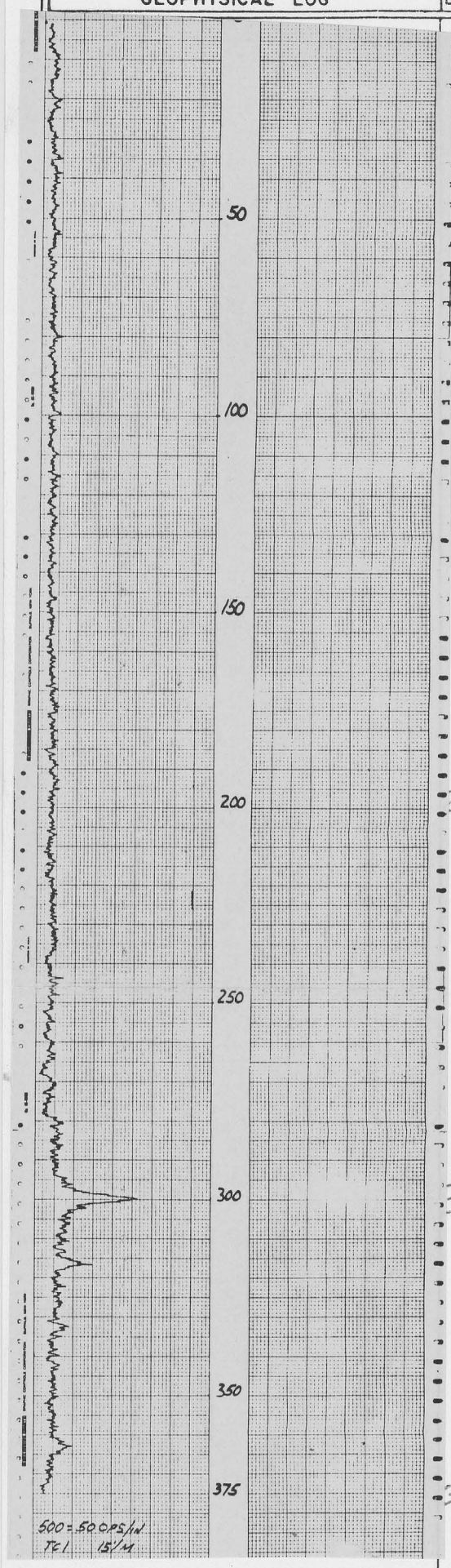
HOLE NO. AM-478

LOCATION	ANDERSON MINE	GAMMA SCALE	500 = 50 CPS/IN.
COUNTY	Yavapai STATE Ariz.	PROBE TYPE	SCINT.
GP. 1,199,800.3N-637,218.9E	ELEV. 1967	K-FACTOR	$5.7^{10^{-3}}$
		DEAD TIME	7.14 μ sec.
SEC.	TWP. RGE.	TIME CONSTANT	1
		PROBE DIA.	1⅝"
DATE	4/5/77	CALIPER	
DEPTH DRILLED	760	DIRECTIONAL SURVEY	
DEPTH LOGGED	761	TEMPERATURE	
FOOTAGE LOGGED	761	OPERATOR	Hudson
HOLE DIAMETER	5¼" to 760	DRILLER	Jim
WATER FACTOR		CONTRACTOR	Roberts
RESISTIVITY	50 OHMS/~~MIN~~ 75 ohm meters	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	REMARKS:	
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

PROJECT Anderson Mine HOLE SIZE ____ ☑ AIR ☐ WATER HOLE NO. Am 479

ELEVATION 1997 NORTH 1,204,051.6 EAST 636,622.6 LOGGED BY CZH DATE 3-18-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 375 P.D. ____



Cgl, LT Tan, Granitic, Calcite Cmtd

SS, Grn, Fine, Slty

SS, Brn, Fine Slty

SS, Cgl Tan to Grn Tan

SS, Some Cgl near Base, Brn

Sltst, Tan Grn to Tan, Sndy

SS, Grn, Vo Slty Fine to V. Fine

Sltst, Tan to Tan Grn

Tcgl-SS ?? T1

Sltst Tan Grn

Wht Calc Tuff or LS, W/ Red Brn Chert, Bentonitic or Limy

Sltst, Grn, Bentonitic, Trace Silicification

Silicified Sltst, Grn, Gry Grn + Grn Sub-Chert, Chippy

Sltst, Grn, Bentonitic

Sltst, Red Brn to Brn, Silicified

Basement Not Reached

MINERALS EXPLORATION CO.

CASPER, WYOMING

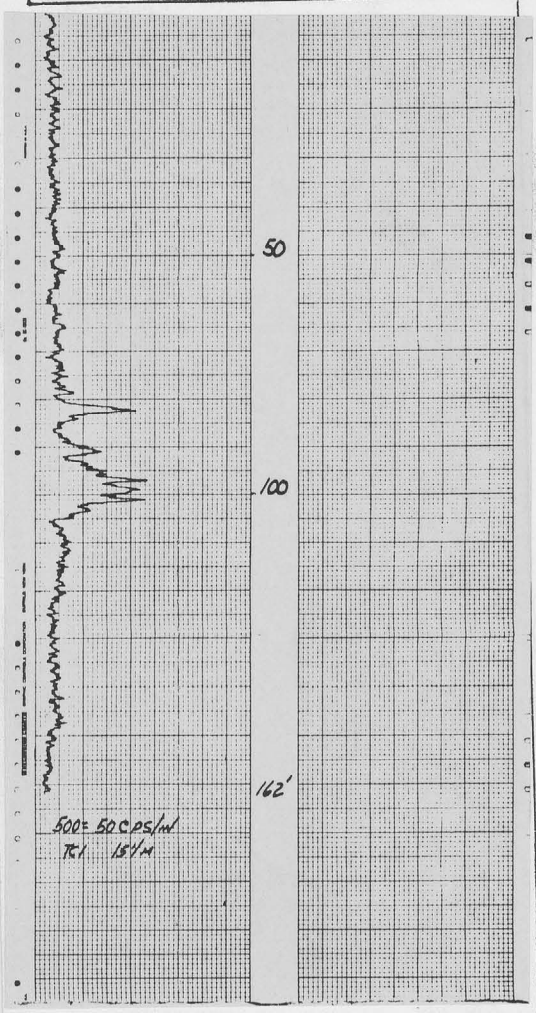
LOCATION ANDERSEN MINE		HOLE NO.	AM 479
COUNTY YAVAPAI	STATE ARIZONA	GAMMA SCALE	500=50CPS/IN
GP. 1,204,051.6N-636,622.6E	ELEV. 1997	PROBE TYPE	SCINT
SEC.	TWP. RGE.	K-FACTOR	5.70x10-5
DATE	3-18-77	DEAD TIME	7.14 m
DEPTH DRILLED	380	TIME CONSTANT	1
DEPTH LOGGED	375	PROBE DIA.	1 5/8
FOOTAGE LOGGED	375	CALIPER	
HOLE DIAMETER	5	DIRECTIONAL SURVEY	
WATER FACTOR	1.19	TEMPERATURE	
RESISTIVITY	- OHMS/INCH	OPERATOR	KETCHUM
SELF POTENTIAL	- M.V./IN.	DRILLER	FREDDY
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	CONTRACTOR	UNIVERSAL
BOTTOM		LAST A.E.C. PIT RUN	
TOP		FLUID LEVEL	
TOTAL FEET		REMARKS:	
SCALE RUN			

PROJECT Anderson Mine HOLE SIZE _____ ☑ AIR ☐ WATER HOLE NO. AM 480

ELEVATION 1886 NORTH 1,204,216.7 EAST 635,968.5 LOGGED BY CZH DATE 3-18-77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 165 P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



DEPTH	STRIP LOG	LITHOLOGY LOG
20		Sltst, Tan
40	Tcglss ?	
60	TI	Sltst, Grn, Bentonitic
80		Silicified Sltst + Wht Calc Tuff or Ls, Calcareous W/ Red Brn + Brn Chert,
100		Sltst, Grn, Bentonitic
20		Sltst, Red Brn, Sndy, No Volcanics
40		Sltst, Yel Grn, No Volcanics
60		Sltst, Red, W/ Andesitic Volcanic Frags, Red Brn
165		
80		
00		
20		
40		
60		
80		
00		
20		
40		
60		
80		
00		
20		
40		
60		
80		
00		

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE			
COUNTY YAVAPAI	STATE ARIZONA		
GP. 1,204,216.7N-635,968.5E	ELEV. 1886		
SEC.	TWP.	RGE.	
DATE	3-18-77		
DEPTH DRILLED	165		
DEPTH LOGGED	162		
FOOTAGE LOGGED	162		
HOLE DIAMETER	5		
WATER FACTOR	-		
RESISTIVITY	-	OHMS/INCH	
SELF POTENTIAL	-	M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

HOLE NO.	AM 480
GAMMA SCALE	500 = 50CPS/IN
PROBE TYPE	SCINT
K-FACTOR	5.70X10-5
DEAD TIME	7.19
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	FREDDY
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	