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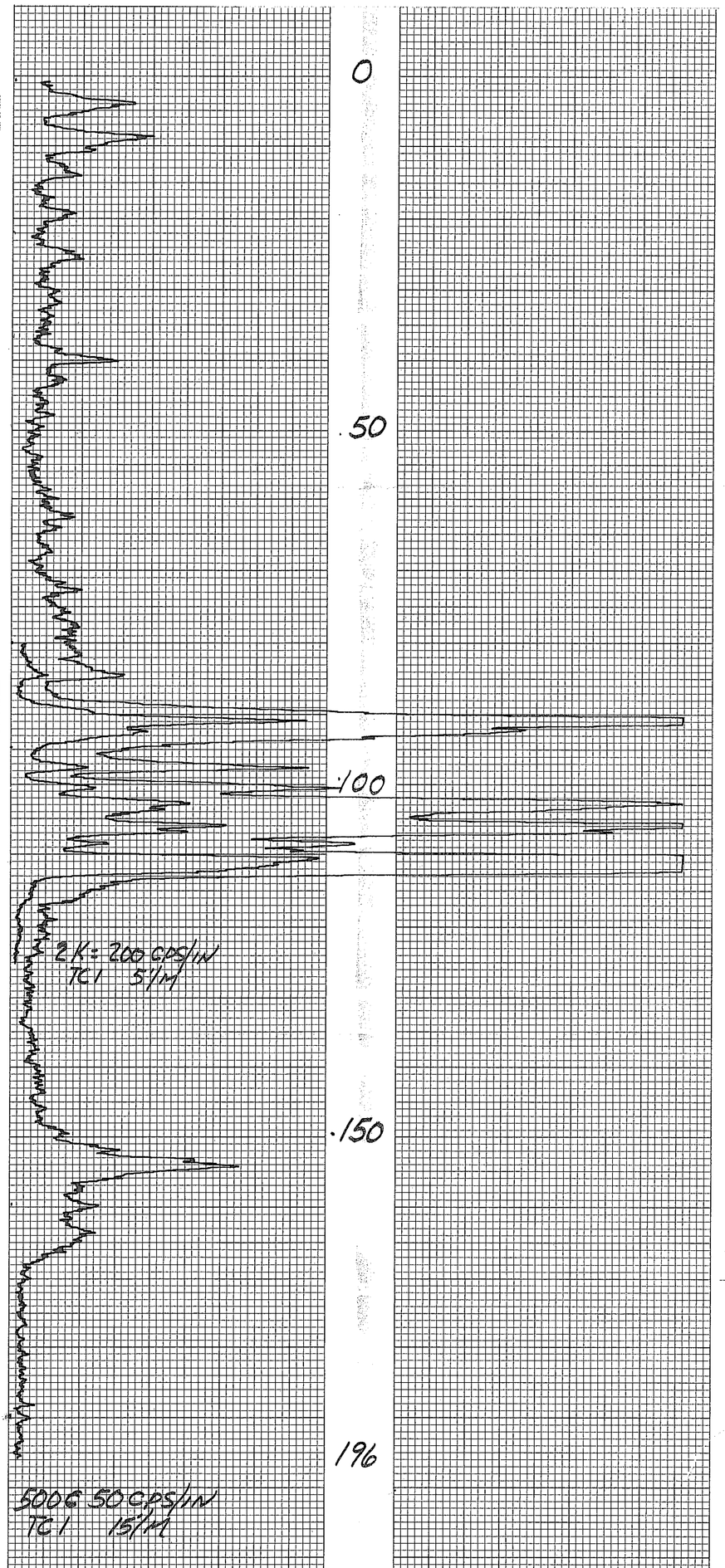
MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM-311

LOCATION ANDERSEN MINE		**GAMMA SCALE**	500 = 50CPS/IN
COUNTY YAVAPAI	**STATE** ARIZONA	**PROBE TYPE**	SCINT.
GP. 1206 595.79N 88 357.31E	**ELEV.**	**K-FACTOR**	5.70X10-5
		DEAD TIME	7.14 μs
SEC.	**TWP.**	**RGE.**	**TIME CONSTANT** 1
			PROBE DIA. 1 5/8
DATE	DEC. 9, 76		**CALIPER**
DEPTH DRILLED	200		**DIRECTIONAL SURVEY**
DEPTH LOGGED	196		**TEMPERATURE**
FOOTAGE LOGGED	241		**OPERATOR** KETTERLING
HOLE DIAMETER	5 5/8		**DRILLER** RUSS
WATER FACTOR	DRY		**CONTRACTOR** REID & S
RESISTIVITY	-	**OHMS/INCH**	**LAST A.E.C. PIT RUN**
SELF POTENTIAL		**M.V./IN.**	**FLUID LEVEL**

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	125		
TOP	80		
TOTAL FEET	45		
SCALE RUN	2K=200CPS/IN		

REMARKS:



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No. GC-13133

MINERALS EXPLORATION CO.

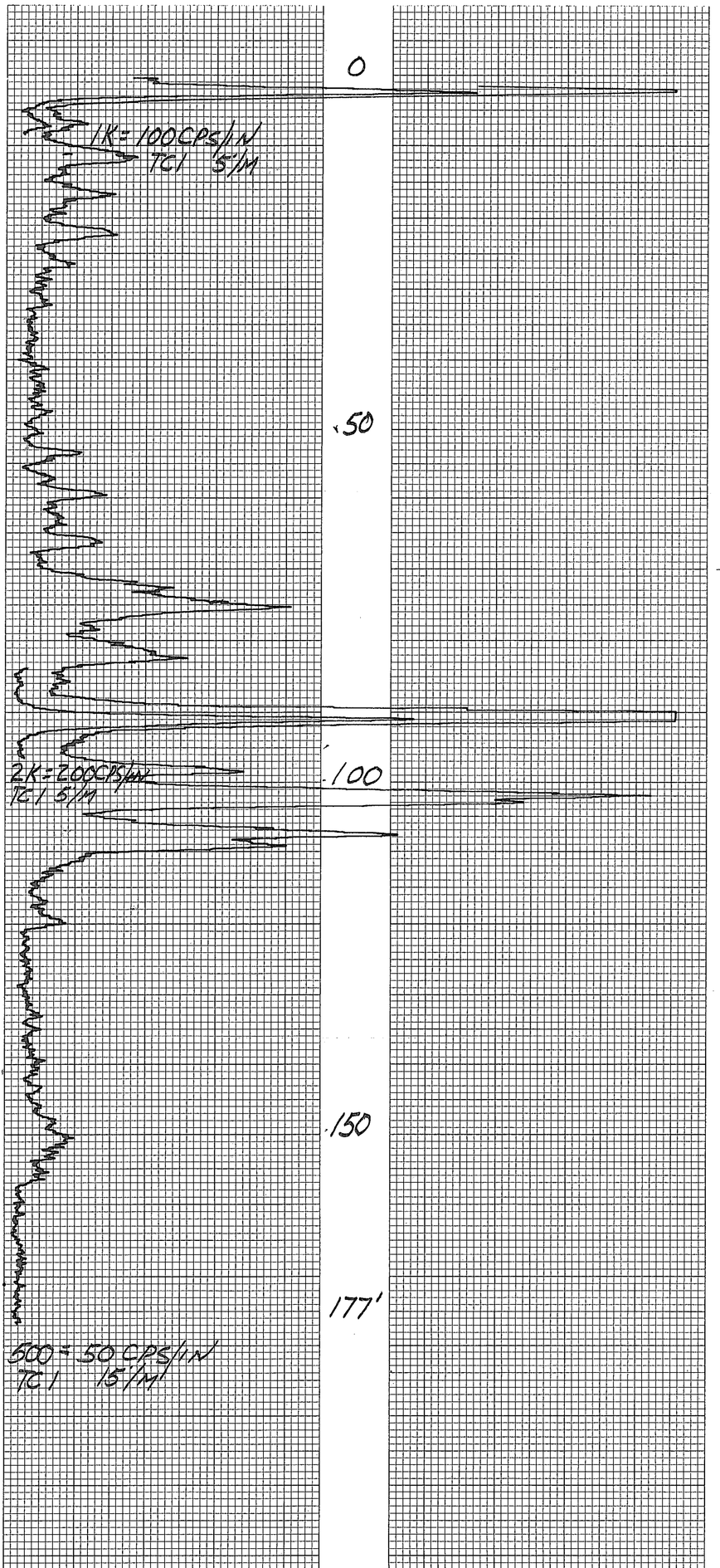
CASPER, WYOMING

HOLE NO. AM-312

LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 50CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP. 1206 612.07N 88 564.63E	ELEV.	K-FACTOR	5.70 x 10-5
		DEAD TIME	7.14 μS
SEC.	TWP. RGE.	TIME CONSTANT	1
		PROBE DIA.	15/8
DATE	DEC. 3, 76	CALIPER	
DEPTH DRILLED	180	DIRECTIONAL SURVEY	
DEPTH LOGGED	177	TEMPERATURE	
FOOTAGE LOGGED	208'	OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	RUSS
WATER FACTOR	DRY	CONTRACTOR	REID & S
RESISTIVITY	- OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	97	08	
TOP	79	00	
TOTAL FEET	23	08	
SCALE RUN	2K=200CPS/IN	1K=100CPS/IN	

REMARKS:



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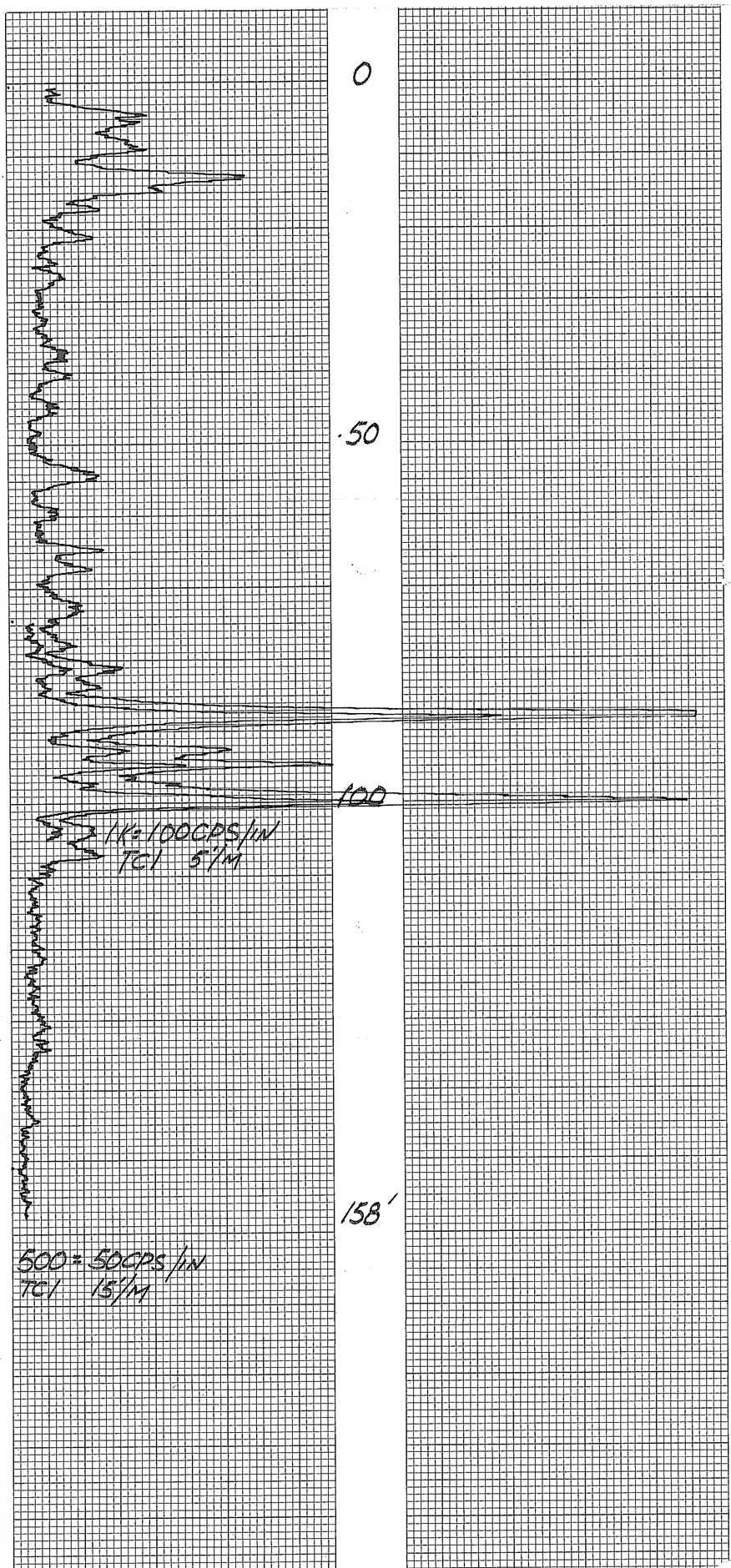
MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM- 3/3

LOCATION ANDERSEN MINE		**GAMMA SCALE**	500 = 50CPS
COUNTY YAVAPAI	**STATE** ARIZONA	**PROBE TYPE**	SCINT.
GP. 1206 582.60N 88 757.13E	**ELEV.**	**K-FACTOR**	5.70 X10-5
		DEAD TIME	7.14 μS
		TIME CONSTANT	1
SEC.	**TWP.** **RGE.**	**PROBE DIA.**	1 5/8
DATE	DEC. 4,76	**CALIPER**	
DEPTH DRILLED	160	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	158	**TEMPERATURE**	
FOOTAGE LOGGED	188	**OPERATOR**	KETTERLING
HOLE DIAMETER	5 5/8	**DRILLER**	ROSS
WATER FACTOR	DRY	**CONTRACTOR**	REID & S
RESISTIVITY	– OHMS/INCH	**LAST A.E.C. PIT RUN**	
SELF POTENTIAL	M.V./IN.	**FLUID LEVEL**	

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	105		
TOP	75		
TOTAL FEET	30		
SCALE RUN	1K=100CPS/IN		

REMARKS:



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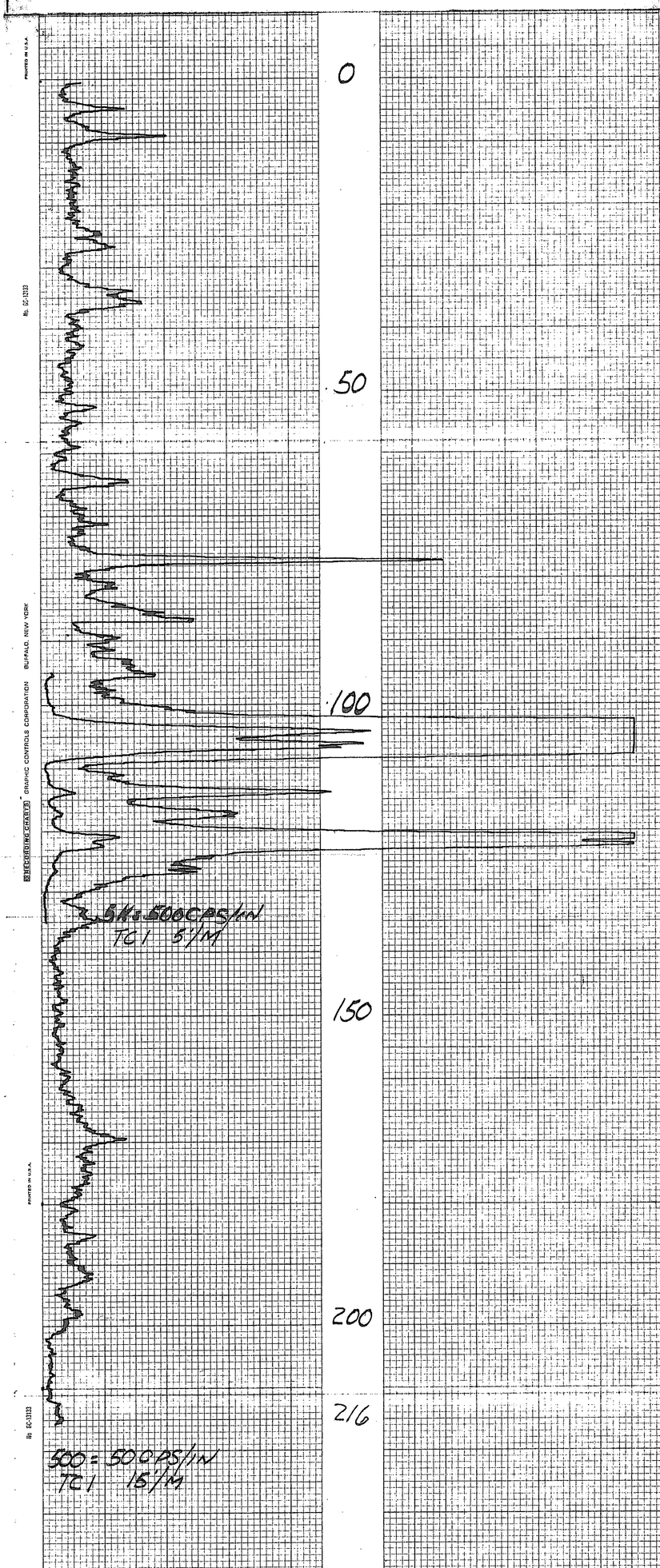
CASPER, WYOMING — **HOLE NO.** AM-314

LOCATION	ANDERSEN MINE	GAMMA SCALE	500=50CPS/IN
COUNTY	YAVAPAI — STATE ARIZONA	PROBE TYPE	SCINT
GP.	1206 387.29N 88 550.59E — ELEV.	K-FACTOR	5.70×10-5
		DEAD TIME	7.14μS
		TIME CONSTANT	1
SEC.	TWP. — RGE.	PROBE DIA.	1 5/8
DATE	DEC. 3, 76	CALIPER	
DEPTH DRILLED	220	DIRECTIONAL SURVEY	
DEPTH LOGGED	216	TEMPERATURE	
FOOTAGE LOGGED	256	OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	RUSS
WATER FACTOR	DRY	CONTRACTOR	REID & S
RESISTIVITY	– OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	135		
TOP	95		
TOTAL FEET	40		
SCALE RUN	5K=500CPS/IN		

REMARKS:



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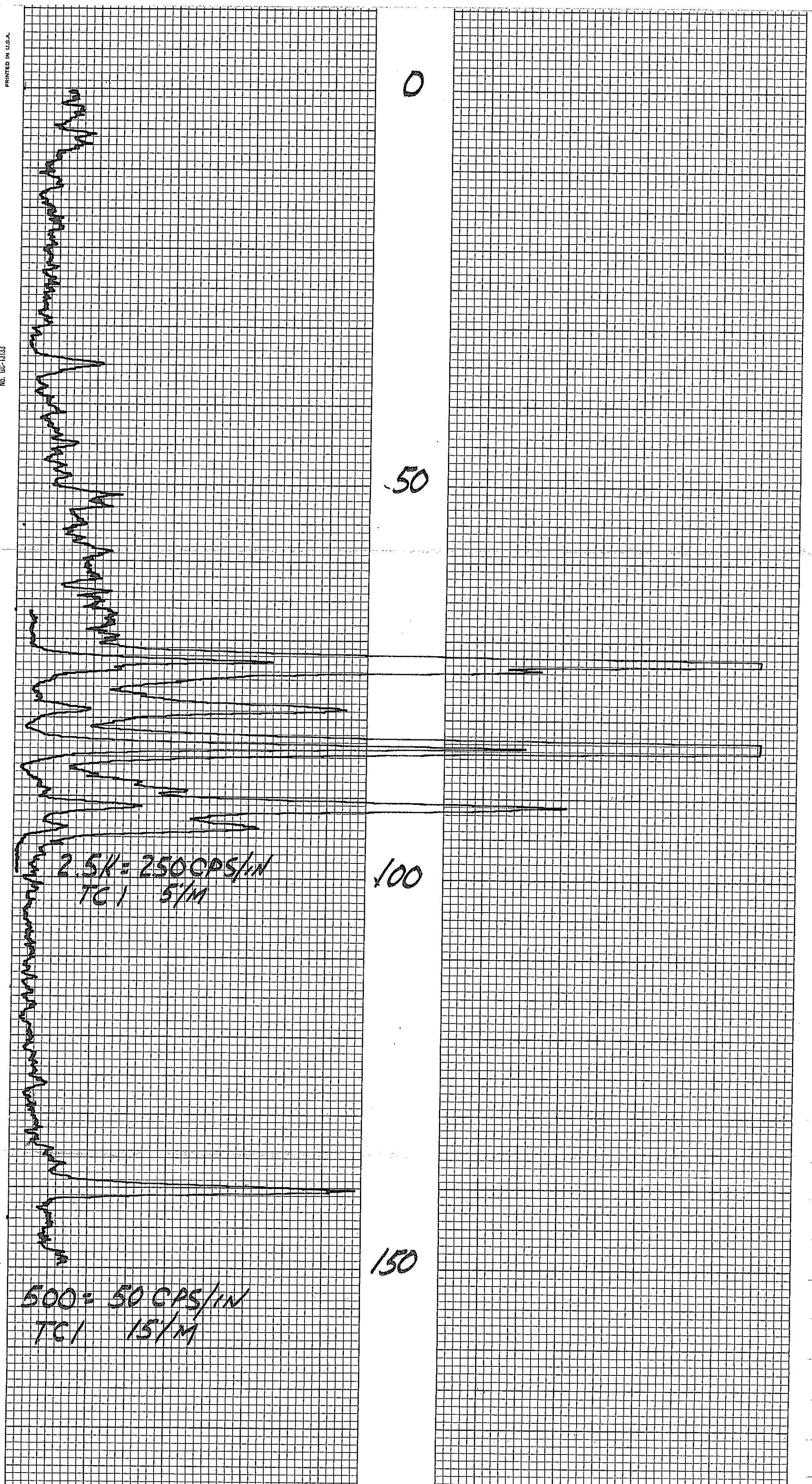
CASPER, WYOMING

HOLE NO. AM-315

LOCATION ANDERSEN MINE			
COUNTY YAVAPAI	STATE ARIZONA		
GP. 1206 397.26 N 88 162.71 E	ELEV.		
SEC.	TWP.	RGE.	
DATE	DEC. 8, 76		
DEPTH DRILLED	160		
DEPTH LOGGED	150		
FOOTAGE LOGGED	185		
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	OHMS/INCH		
SELF POTENTIAL	M.V./IN.		
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	100		
TOP	65		
TOTAL FEET	35		
SCALE RUN	2.5K=250CPS/IN		

GAMMA SCALE	500=50CPS
PROBE TYPE	SCINT.
K-FACTOR	5.70x10-5
DEAD TIME	7.14u
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	Al
CONTRACTOR	WILLIAMS
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



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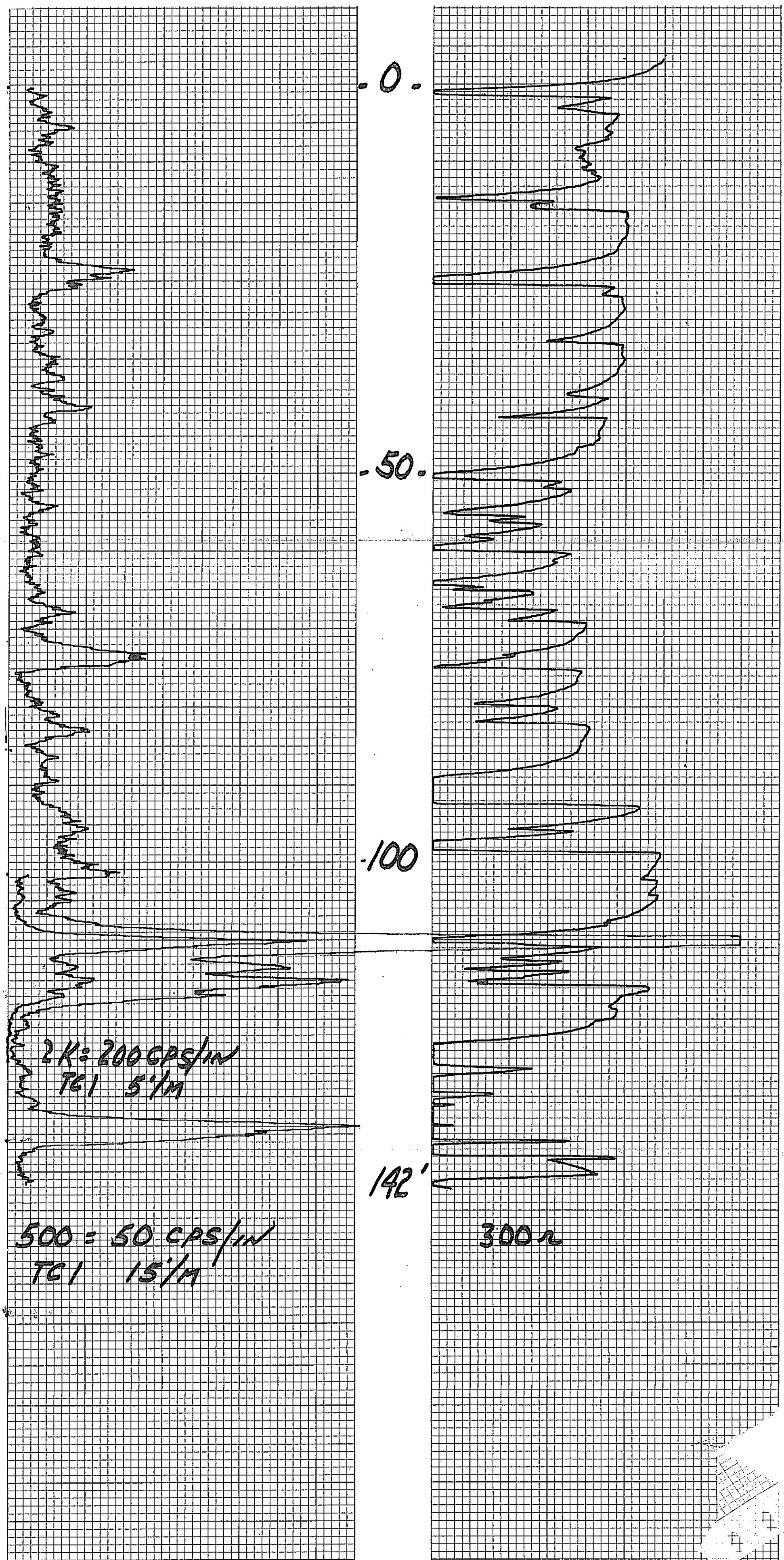
MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM 316

LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 50CPS
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT
GP. 1206 404.20N 87 776.77E ~~1,204,004.3N~~ ~~641,421.3E~~	ELEV. 1804	K-FACTOR	5.70 X 10-5
		DEAD TIME	7.14 u
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	1-17-77	CALIPER	
DEPTH DRILLED	140	DIRECTIONAL SURVEY	
DEPTH LOGGED	142	TEMPERATURE	
FOOTAGE LOGGED		OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	JIM
WATER FACTOR	DRY	CONTRACTOR	UNIVERSAL
RESISTIVITY	300 OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:
BOTTOM	125			
TOP	102			
TOTAL FEET	23			
SCALE RUN	2K=200CPS/IN			



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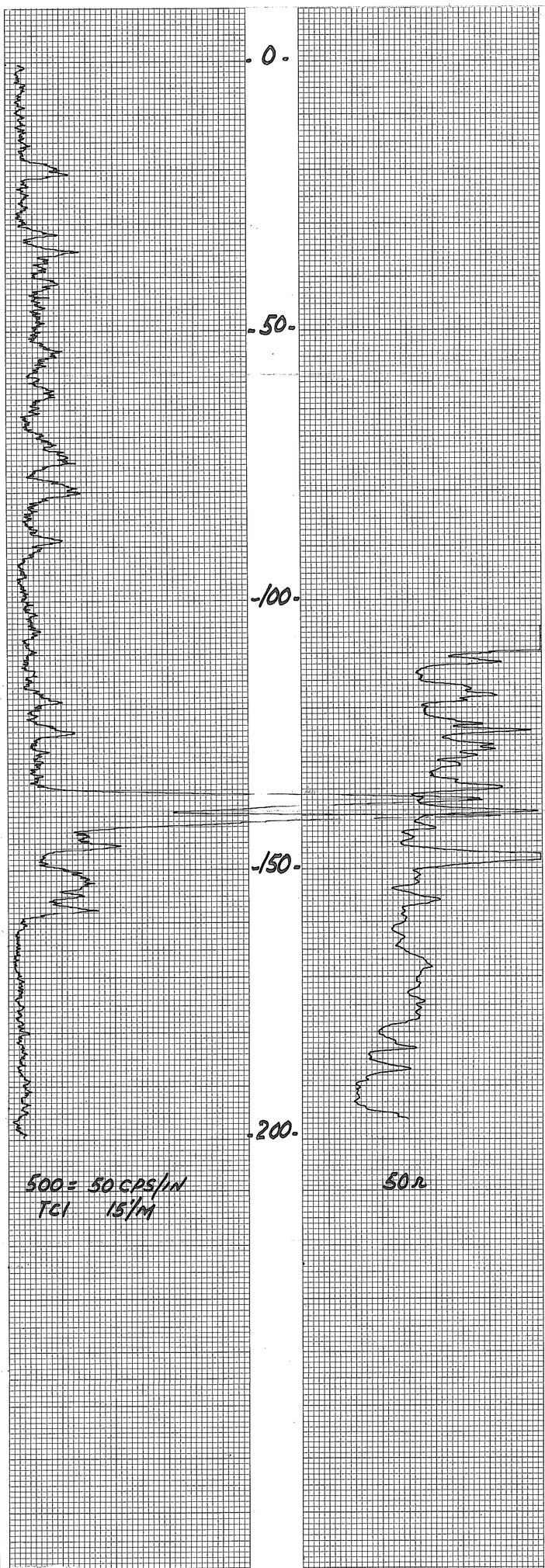
CASPER, WYOMING

HOLE NO. AM 317

LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 50CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP. ~~1,204,009.3N 641,001.7~~ 1206416.730 87357.93E	ELEV. 1778	K-FACTOR	5.70 X10-5
		DEAD TIME	7.14 μ
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	1-21-77	CALIPER	
DEPTH DRILLED	200	DIRECTIONAL SURVEY	
DEPTH LOGGED	200	TEMPERATURE	
FOOTAGE LOGGED	200	OPERATOR	RETTERLING
HOLE DIAMETER	1 5/8	DRILLER	JIM
WATER FACTOR	1.22	CONTRACTOR	UNIVERSAL
RESISTIVITY	50 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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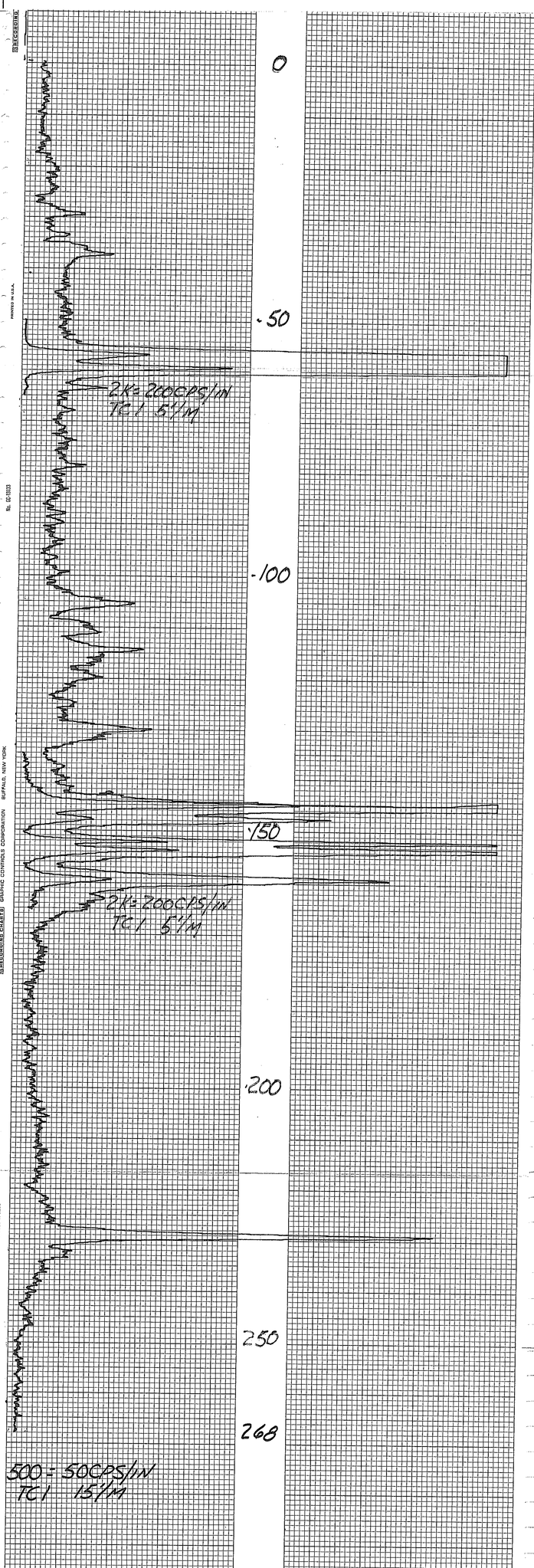
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-318

LOCATION	ANDERSEN MINE	GAMMA SCALE	500 = 50CPS
COUNTY	YAVAPAI STATE ARIZONA	PROBE TYPE	SCINT.
GP.	1206236.07N 88 783.91E ELEV.	K-FACTOR	5.70 x 10-5
SEC.	TWP. RGE.	DEAD TIME	7.14μ
		TIME CONSTANT	1
		PROBE DIA.	1 5/8
		CALIPER	
		DIRECTIONAL SURVEY	
		TEMPERATURE	
		OPERATOR	KETTERLING
		DRILLER	RUSS
		CONTRACTOR	REID
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	
		REMARKS:	

DATE	DEC. 9, 76		
DEPTH DRILLED	280		
DEPTH LOGGED	268		
FOOTAGE LOGGED	313		
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	DRY OHMS/INCH		
SELF POTENTIAL	– M.V./IN.		
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	165	65	
TOP	135	50	
TOTAL FEET	30	15	
SCALE RUN	2K=200CPS/IN	2K=200CPS/IN	



MINERALS EXPLORATION CO.

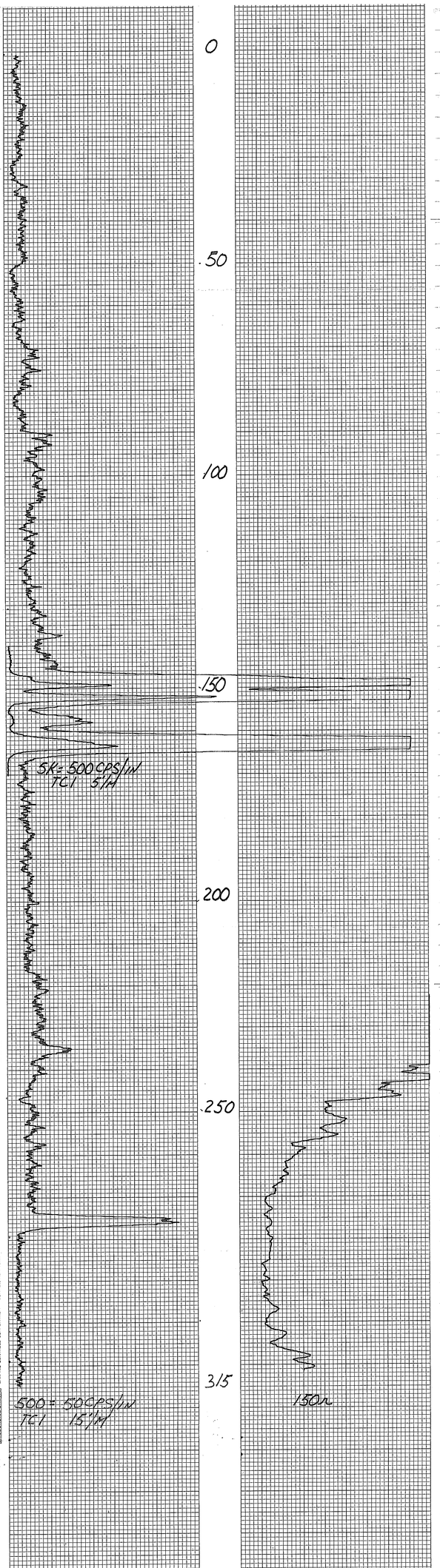
CASPER, WYOMING

HOLE NO. AM-319

LOCATION ANDERSEN MINE		GAMMA SCALE	500=50 CPS
		PROBE TYPE	SCINT
COUNTY YAVAPAI	STATE ARIZONA	K-FACTOR	5.70x10-5
GP. 1205990.34N 88 933.52E	ELEV.	DEAD TIME	7.14 μs
		TIME CONSTANT	1
SEC. TWP. RGE.		PROBE DIA.	1 5/8
DATE	DEC. 5, 76	CALIPER	
DEPTH DRILLED	320	DIRECTIONAL SURVEY	
DEPTH LOGGED	315	TEMPERATURE	
FOOTAGE LOGGED	345	OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	RUSS
WATER FACTOR	1.22	CONTRACTOR	REID & S
RESISTIVITY	150 OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	239

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	170		
TOP	140		
TOTAL FEET	30		
SCALE RUN	5K=500CPS/IN		

REMARKS:



MINERALS EXPLORATION CO.

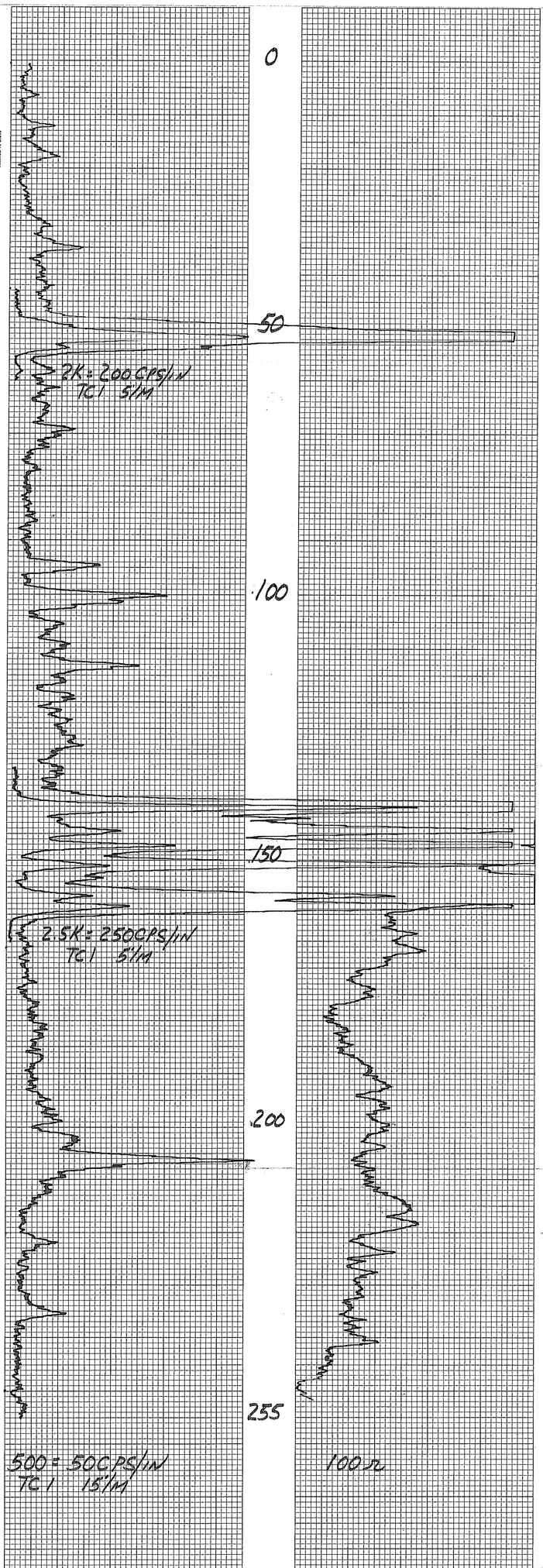
CASPER, WYOMING

HOLE NO. AM-320

LOCATION	ANDERSEN MINE	GAMMA SCALE	500=50CPS
COUNTY	YAVAPAI STATE ARIZONA	PROBE TYPE	SCINT.
GP.	1206 202.28N 88 549.27E ELEV.	K-FACTOR	5.70X10-5
		DEAD TIME	7.14 u
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	DEC. 8,76	CALIPER	
DEPTH DRILLED	260	DIRECTIONAL SURVEY	
DEPTH LOGGED	255	TEMPERATURE	
FOOTAGE LOGGED	304	OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	JIM
WATER FACTOR	1.22	CONTRACTOR	UNIVERSAL
RESISTIVITY	100 OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	150

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	165	60	
TOP	133	43	
TOTAL FEET	32	17	
SCALE RUN	2.5K=250CPS/IN 2K=200CPS/IN		

REMARKS:



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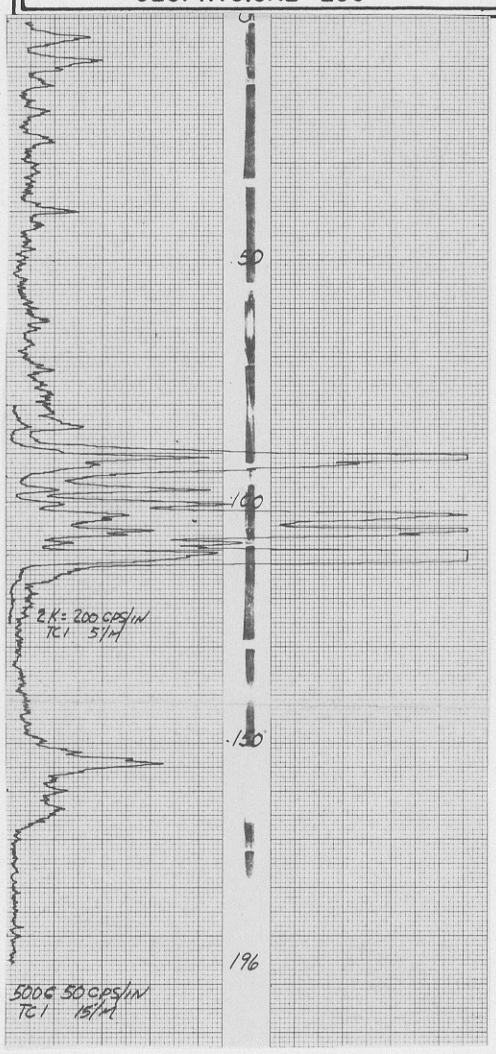
PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM-311

ELEVATION 1818 **NORTH** 1204206.0 **EAST** 641997.8 **LOGGED BY** G.M **DATE** 12-11-76

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 200 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					mdstn/ls, lt. gry → white, calc.
	40					
	60					ls/mdstn, white, calc.
	80					
	00					mdstn/lignite, gray → black carb, calc.
	20					mdstn, gry, carb, calc.
						mdstn, maroon calc.
	40					
	60					mdstn/sltstn, tan, calc.
	80					aggl. vol gray → black, sub-calc.
						ls. white, calc.
	00					sltstn, maroon, sub-calc.
	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.		ELEV.	
SEC.	TWP.	RGE.	
DATE	DEC. 9, 76		
DEPTH DRILLED	200		
DEPTH LOGGED	196		
FOOTAGE LOGGED	241		
HOLE DIAMETER	5 5/8		
WATER FACTOR	DRY		
RESISTIVITY	-	OHMS/INCH	
SELF POTENTIAL		M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	125		
TOP	80		
TOTAL FEET	45		
SCALE RUN	2K=200CPS/IN		

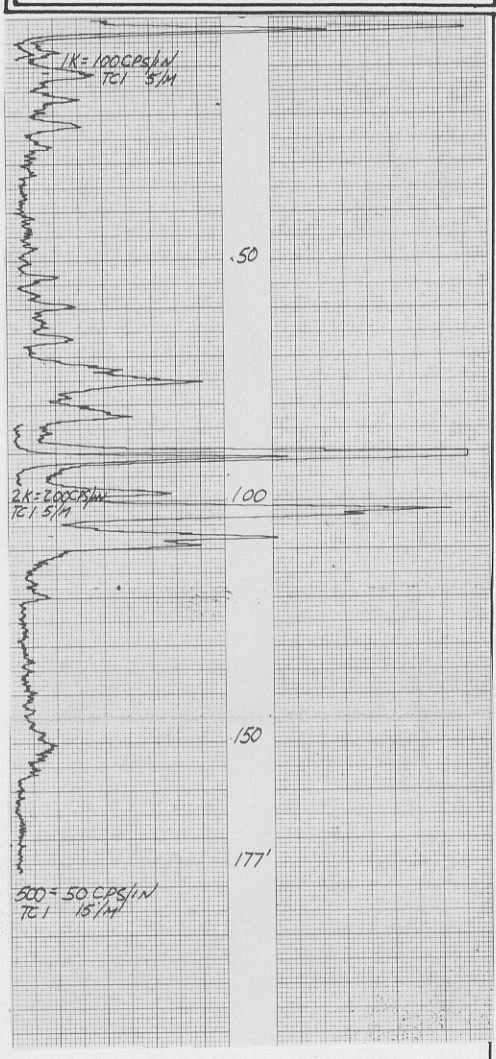
HOLE NO.	AM-311
GAMMA SCALE	500=50CPS/IN
PROBE TYPE	SCINT.
K-FACTOR	5.70X10-5
DEAD TIME	7.18μs
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	RUSS
CONTRACTOR	REIDAS
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

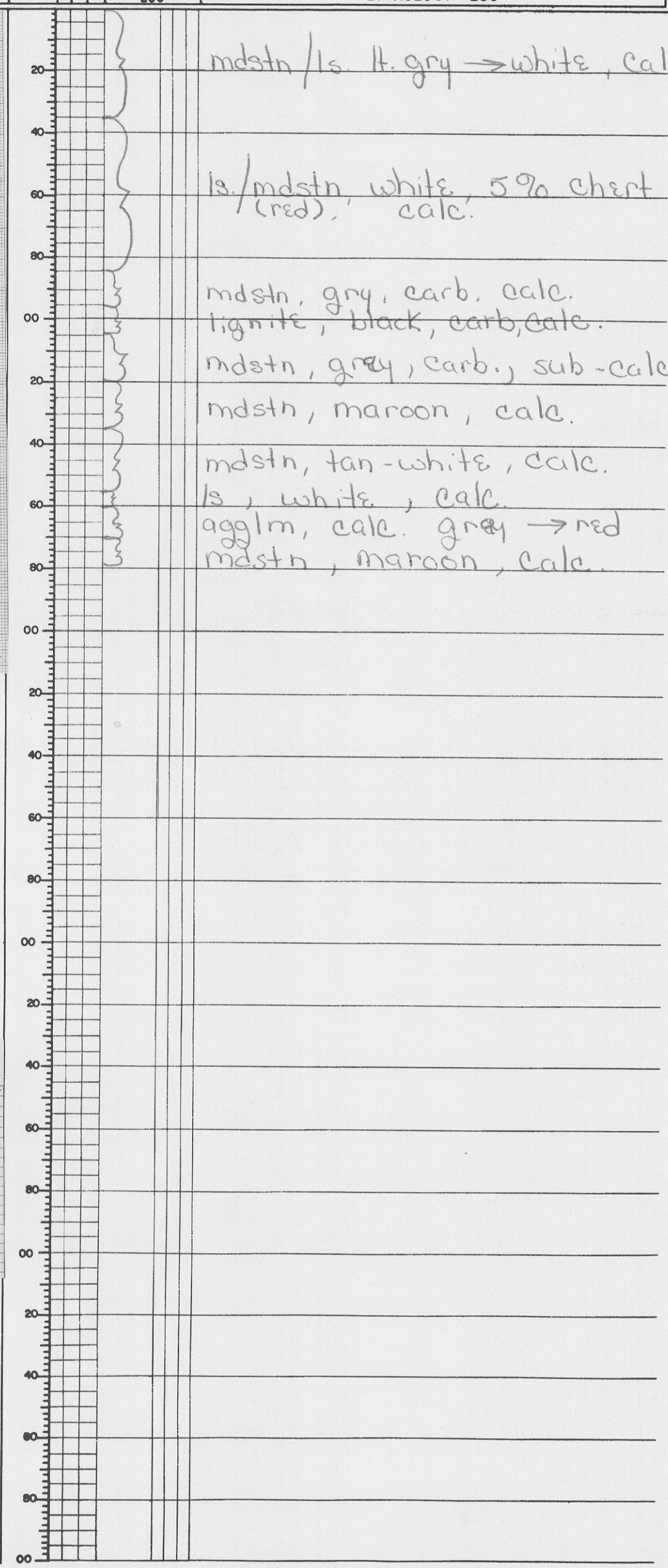
PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM-312

ELEVATION 1816 **NORTH** 1204,225.7 **EAST** 642,204.6 **LOGGED BY** G.M. **DATE** 12-11-76

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





mdstn/ls. lt. gry → white, calc.

ls./mdstn, white, 5% chert (red), calc.

mdstn, gry, carb. calc.

lignite, black, carb, calc.

mdstn, grey, carb., sub-calc.

mdstn, maroon, calc.

mdstn, tan-white, calc.

ls, white, calc.

agglm, calc. grey → red

mdstn, maroon, calc.

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE			
COUNTY YAVAPAI	STATE ARIZONA		
GP.	ELEV.		
SEC.	TWP.	RGE.	
DATE	DEC. 3, 76		
DEPTH DRILLED	180		
DEPTH LOGGED	177		
FOOTAGE LOGGED	208'		
HOLE DIAMETER	5 5/8		
WATER FACTOR	DRY		
RESISTIVITY	-	OHMS/INCH	
SELF POTENTIAL		M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	97	08	
TOP	74	00	
TOTAL FEET	23	08	
SCALE RUN	2K=200CPS/IN	1K=100CPS/IN	

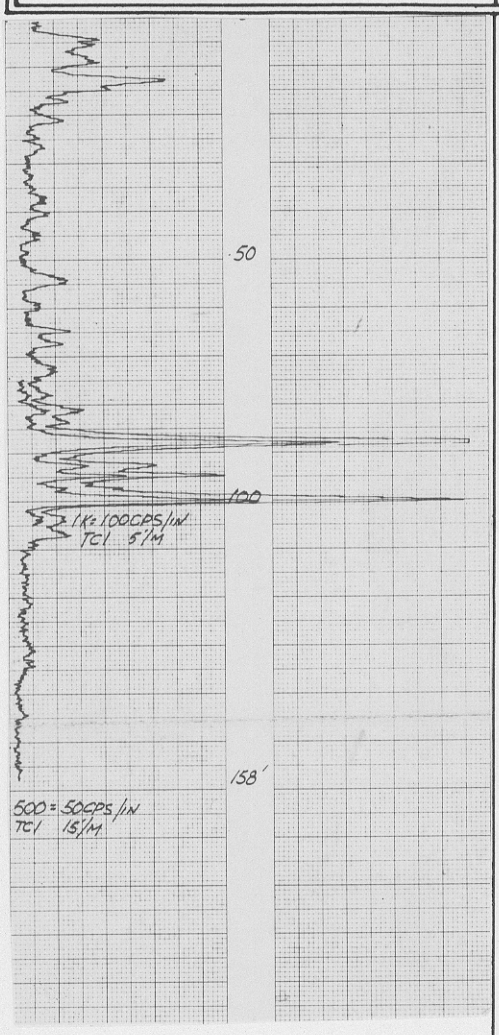
HOLE NO.	AM-312
GAMMA SCALE	500=50CPS/IN
PROBE TYPE	SCINT.
K-FACTOR	5.70x10-5
DEAD TIME	7.14μS
TIME CONSTANT	1
PROBE DIA.	15/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	RUSS
CONTRACTOR	REID & S
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

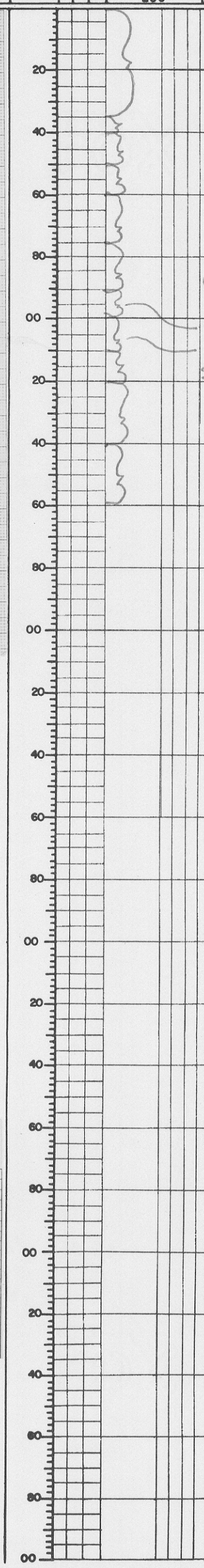
PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM-313

ELEVATION 1826 **NORTH** 1204,200.1 **EAST** 642,398.1 **LOGGED BY** G.M. **DATE** 12-11-76

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





mdstn/ls., tan → white, calc.

ls/mdstn, white → lt. gry, calc.

mdstn/ls., tan → white, calc.

ls/mdstn, white → lt. tan
10% chert (red) calc.

mdstn/ls., tan → white, 20% chert
(red) calc.

mdstn., pink → green, 30% chert
(yellow → red) non-calc.

lignite/mdstn, black → gry, calc. carb.

mdstn, maroon → gry, carb., calc.

sltstn, tan, non-calc.

mdstn/sltstn, sub-calc. → calc., ls
@ 140 (calc)

agglm maroon → gry, sub-calc.

MINERALS EXPLORATION CO.

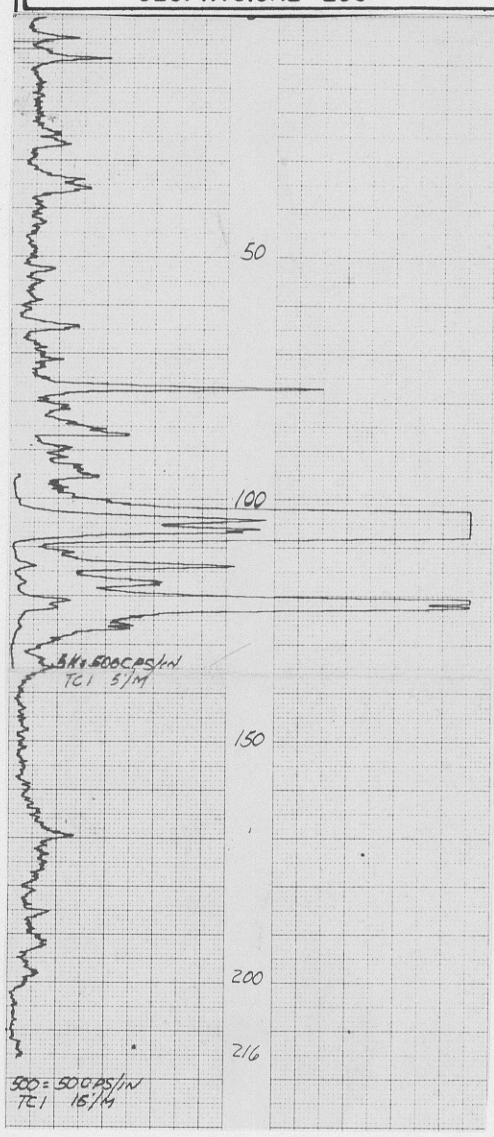
CASPER, WYOMING

LOCATION	ANDERSEN MINE	HOLE NO.	AM-313
COUNTY	YAVAPAI	STATE	ARIZONA
GP.		ELEV.	
SEC.	TWP.	RGE.	
DATE	DEC. 9, 76	GAMMA SCALE	500=50CPS
DEPTH DRILLED	160	PROBE TYPE	SCINT.
DEPTH LOGGED	158	K-FACTOR	5.70 x 10-5
FOOTAGE LOGGED	188	DEAD TIME	7.14 μS
HOLE DIAMETER	5 5/8	TIME CONSTANT	1
WATER FACTOR	DRY	PROBE DIA.	1 5/8
RESISTIVITY	– OHMS/INCH	CALIPER	
SELF POTENTIAL	M.V./IN.	DIRECTIONAL SURVEY	
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	TEMPERATURE	
BOTTOM	105	OPERATOR	KETTERLING
TOP	75	DRILLER	ROSS
TOTAL FEET	30	CONTRACTOR	REID & S
SCALE RUN	1K=100CPS/IN	LAST A.E.C. PIT RUN	
		FLUID LEVEL	
		REMARKS:	

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM-314

ELEVATION 1823 **NORTH** 1,204,001.4 **EAST** 642,195.1 **LOGGED BY** G.M **DATE** 12-11-76

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						ls/mdstn, white → lt. gry, 10% chert (Red), calc.
	20					mdstn, olive, Non-calc
	40					mdstn, olive → gry, 40% chert Non-calc.
	60					ls/mdstn. white → gry (lt) calc 20% chert, red → gry → wh.
	80					
	00					mdstn/lignite, grey → black carb calc.
	20					
	40					mdstn grey → tan, carb., calc. minor sltstn (tan) @ 125'
	60					-mdstn, maroon, calc. Non-carb
	80					mdstn/sltstn., tan.
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

MINERALS EXPLORATION CO.

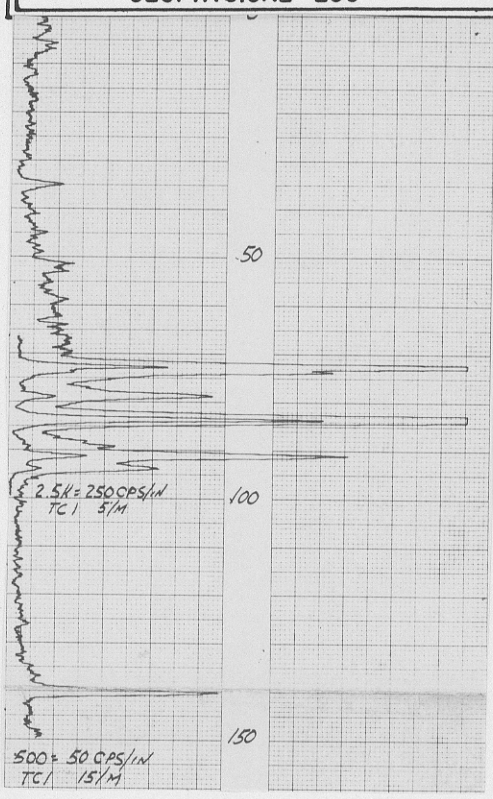
CASPER, WYOMING

LOCATION	ANDERSEN MINE	HOLE NO.	AM-314
COUNTY	YAVAPAI	STATE	ARIZONA
GP.		ELEV.	
SEC.	TWP.	RGE.	
DATE	DEC. 3, 76	GAMMA SCALE	500=50CPS/IN
DEPTH DRILLED	220	PROBE TYPE	SCINT
DEPTH LOGGED	216	K-FACTOR	5.70×10-5
FOOTAGE LOGGED	256	DEAD TIME	7.14μS
HOLE DIAMETER	5 5/8	TIME CONSTANT	1
WATER FACTOR	DRY	PROBE DIA.	1 5/8
RESISTIVITY	– OHMS/INCH	CALIPER	
SELF POTENTIAL	MV./IN.	DIRECTIONAL SURVEY	
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	TEMPERATURE	
BOTTOM	135	OPERATOR	KETTERLING
TOP	95	DRILLER	RUSS
TOTAL FEET	40	CONTRACTOR	REID'S
SCALE RUN	SK=500CPS/IN	LAST A.E.C. PIT RUN	
		FLUID LEVEL	
		REMARKS:	

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM-315

ELEVATION 1783 **NORTH** 1,204,004.2 **EAST** 641,806.6 **LOGGED BY** G.M. **DATE** 12-12-77

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					mdstn/ls, gry + white, carb., calc.
	40					
	60					ls/mdstn, white → gry, calc., chert 10% yellow, 60'-65' pure ls.
	80					
	00					mdstn, olive → tan, calc. mdstn/ls, olive → gry, calc.
	20					mdstn, maroon → gry, sub-carb sub-calc.
	40					mdstn, maroon, calc. mdstn/ls, tan + white, calc. some carb. (5%)
	60					ls/agglm tan → white, calc.
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

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CASPER, WYOMING

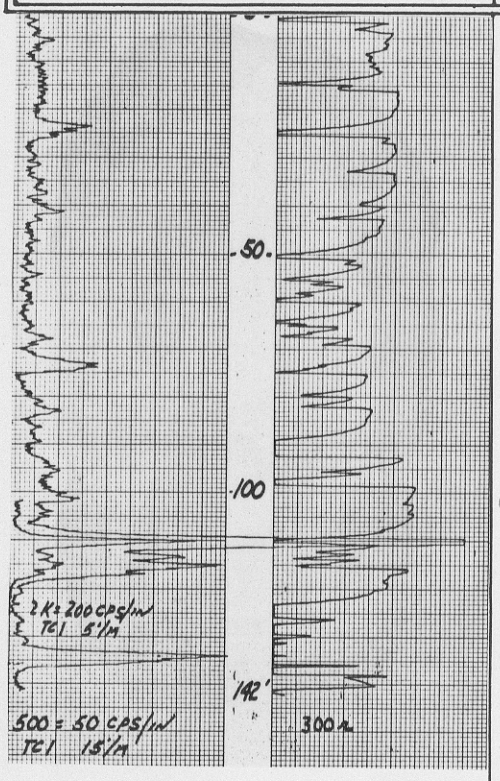
LOCATION	ANDERSEN MINE	HOLE NO.	AM-315
COUNTY	YAVAPAI	STATE ARIZONA	GAMMA SCALE	500=50CPS
GP.		ELEV.	PROBE TYPE	SCINT.
SEC.	TWP.	RGE.	K-FACTOR	5.70x10-5
DATE	DEC. 8, 76	DEAD TIME	7.1μs
DEPTH DRILLED	160	TIME CONSTANT	1
DEPTH LOGGED	150	PROBE DIA.	1 5/8
FOOTAGE LOGGED	185	CALIPER	
HOLE DIAMETER	5 5/8	DIRECTIONAL SURVEY	
WATER FACTOR	1.22	TEMPERATURE	
RESISTIVITY	OHMS/INCH	OPERATOR	KETCALING
SELF POTENTIAL	M.V./IN.	DRILLER	A/
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	CONTRACTOR	WILLIAMS
BOTTOM	100	LAST A.E.C. PIT RUN	
TOP	65	FLUID LEVEL	
TOTAL FEET	35	REMARKS:	
SCALE RUN	2.5K=250CPS/IN		

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 316

ELEVATION 1814 **NORTH** 1,204,004.3 **EAST** 641,421.3 **LOGGED BY** CZH **DATE** 1-17-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 140 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



LS, Wht, Mn Stain, W/ Red Brn Chert
Silicified Sltst, Gry Grn, W/ Yel Gry + Red Brn Chert
Sltst, Grn, Bentonitic
Silicified Sltst, Tan Wht, Wht to Lt Tan Chert
— Calcareous
Sltst, Grn
LS, Wht, Silicified Yel Grn Material
Sltst, Grn
Yel to Yel Grn Chert
LS + Marlst, Gry Wht,
Red Brn Chert
Sltst, Grn, Bentonitic, Silicified, Calcareous
Lignite + Carbonaceous Sltst, Blk to DK Gry
Sltst, Grn, W/ Brn Chert, Calcareous
Carbonaceous
Red, Sltst, Vol Canic Frags,

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CASPER, WYOMING

LOCATION ANDERSEN MINE

COUNTY YAVAPAI STATE ARIZONA

GP. 1,204,004.3N 641,421.3E ELEV. 1814

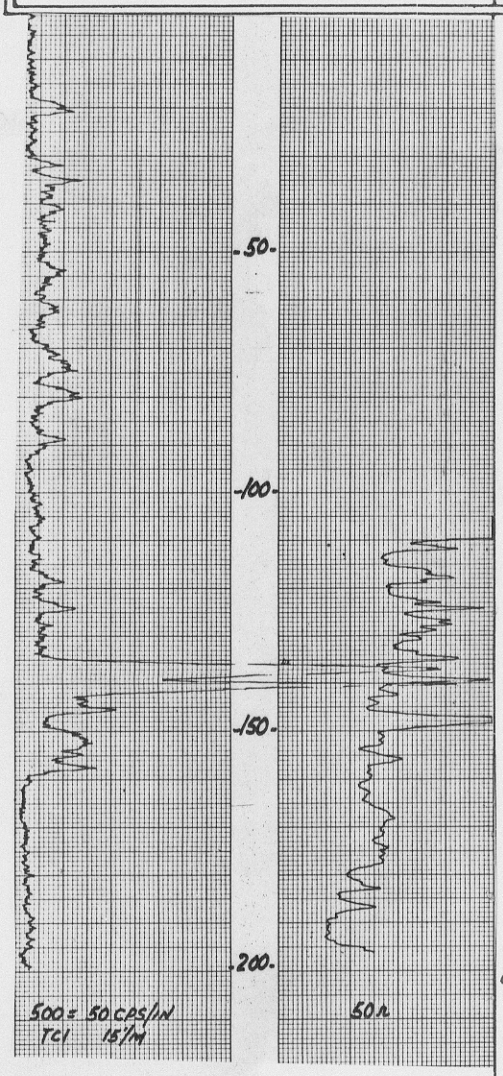
SEC.	TWP.	RGE.	
DATE	1-17-77		
DEPTH DRILLED	140		
DEPTH LOGGED	142		
FOOTAGE LOGGED			
HOLE DIAMETER	5 5/8		
WATER FACTOR	DRY		
RESISTIVITY	300	OHMS/INCH	
SELF POTENTIAL		M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	125		
TOP	102		
TOTAL FEET	23		
SCALE RUN	2K=200CPS/IN		

HOLE NO.	AM 316
GAMMA SCALE	500=50CPS
PROBE TYPE	SCINT
K-FACTOR	5.70X10-5
DEAD TIME	7.1 μ
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	JIM
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 317

ELEVATION 1778 NORTH 1,204,009.3 EAST 641,001.7 LOGGED BY CZH DATE 1-21-76

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						
						Cgl, Tan, V. Crs, Granitic
	20					sltst, Grn silicified
						Calc sltst, silicified, LtBrn Chert,
	40					silcified sltst, Yel Brn Chert,
	60					sltst, Grn, Some Silicification, Bentonitic
	80					
	100					sltst, Grn, Calcareous, Bentonitic
	20					sltst, Grn, Sub-Calc to Non-Calc, Bentonitic
	40					
	60					carbonaceous sltst, + lignite, DK Gry to Blk, Calc
	80					sltst, Red, No Volcanic Frags
						sltst, Grn, Bentonitic
	200					sltst, Red Brn, Volcanic Frags
	20					
	40					
	60					
	80					
	300					
	20					
	40					
	60					
	80					
	400					
	20					
	40					
	60					
	80					
	500					

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CASPER, WYOMING

LOCATION ANDERSEN MINE			
COUNTY YAVAPAI	STATE ARIZONA		
GP. 1,204,009.3N 641,001.7	ELEV. 1778		
SEC.	TWP.	RGE.	
DATE	1-21-77		
DEPTH DRILLED	200		
DEPTH LOGGED	200		
FOOTAGE LOGGED	200		
HOLE DIAMETER	1 5/8		
WATER FACTOR	1.22		
RESISTIVITY	50	OHMS/INCH	
SELF POTENTIAL		M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			

HOLE NO.	AM 317
GAMMA SCALE	500 = 50CPS/IN
PROBE TYPE	SCINT.
K-FACTOR	5.70 X10-5
DEAD TIME	7.19 μ
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	RETTERLING
DRILLER	JIM
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** Am-318

ELEVATION 1868 **NORTH** 1,203,854.2 **EAST** 642,431.2 **LOGGED BY** _____ **DATE** 12-11-76

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 280 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						sltstn, tan, sub-calc.
	20					ls, white, calc.
						mdstn, sub-bent olive, calc
	40					ls/mdstn, white → lt. gry
50						
	60					mdstn olive, sub-calc.
2K = 200CPS/IN TC/ 5'/M						
	80					mdstn/ls, gry → white, calc
100						
	00					ls/mdstn, white, calc, minor chert (red)
	20					
	40					mdstn, gry → olive, carb, ls stringer @ 135'
150						
	60					
2K = 200CPS/IN TC/ 5'/M						mdstn, gry → black, carb. shale, calc.
	80					
200	00					mdstn/ls. lt. gry → white, calc.
	20					sltstn/mdstn, tan, sub-calc.
	40					
250						
	60					mdstn, maroon. calc.
268						
	80					agln., Vol, gry → black sub-calc.
500 = 50CPS/IN TC/ 15'/M	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

MINERALS EXPLORATION CO.

CASPER, WYOMING

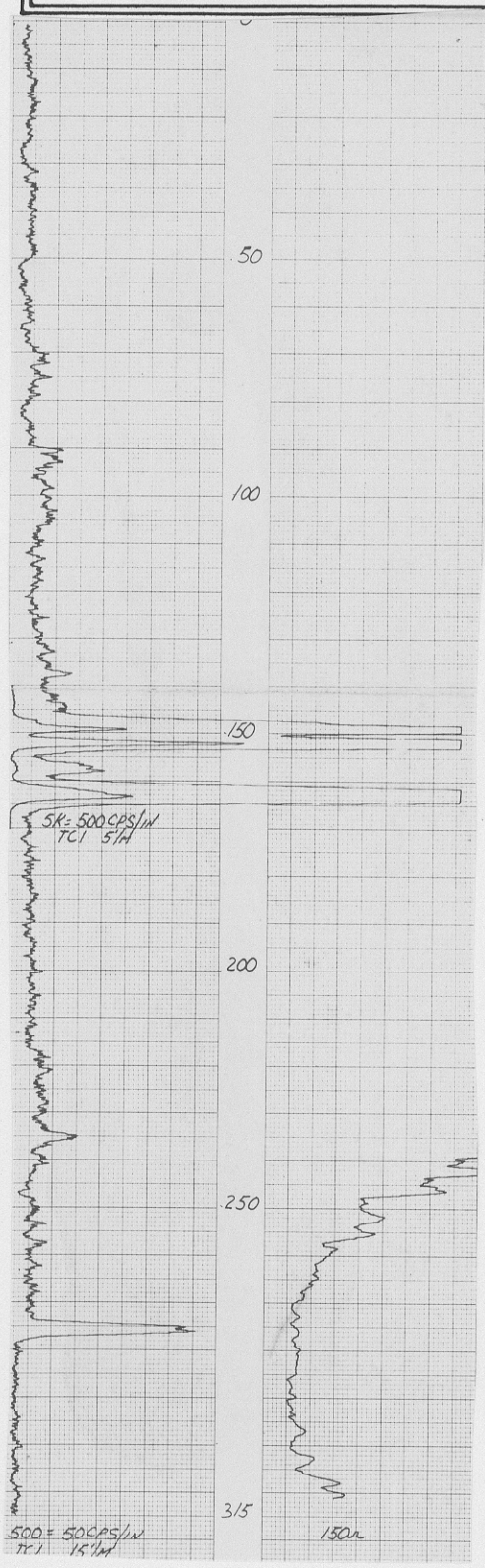
LOCATION	ANDERSEN MINE	HOLE NO.	AM-318
COUNTY	YAVAPAI	GAMMA SCALE	500 = 50CPS
STATE	ARIZONA	PROBE TYPE	SCINT.
GP.		K-FACTOR	5.70 x 10-5
ELEV.		DEAD TIME	7.14μ
SEC. / TWP. / RGE.		TIME CONSTANT	1
DATE	DEC. 9, 76	PROBE DIA.	1 5/8
DEPTH DRILLED	280	CALIPER	
DEPTH LOGGED	268	DIRECTIONAL SURVEY	
FOOTAGE LOGGED	313	TEMPERATURE	
HOLE DIAMETER	5 5/8	OPERATOR	KETTERLING
WATER FACTOR	122	DRILLER	RUSS
RESISTIVITY	DRY OHMS/INCH	CONTRACTOR	REID
SELF POTENTIAL	– M.V./IN.	LAST A.E.C. PIT RUN	
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	FLUID LEVEL	
BOTTOM	165 / 65	REMARKS:	
TOP	135 / 50		
TOTAL FEET	30 / 15		
SCALE RUN	2K = 200CPS/IN / 2K = 200CPS/IN		

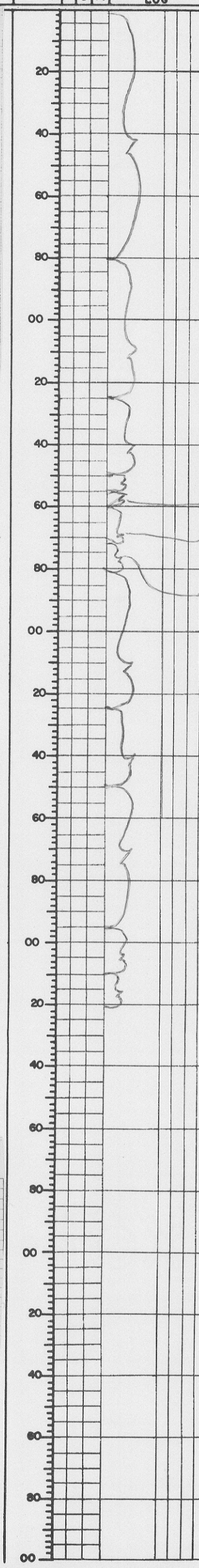
PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM-319

ELEVATION 1867 **NORTH** 1,203,611.2 **EAST** 642,584.8 **LOGGED BY** G.M. **DATE** 12-11-76

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 320 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





mdstn/sltstn, tan, minor ls strigers (60)

ls/mdstn, white → lt. gry., calc, minor chert (red) samples walked on

mdstn, green → red, calc., sub-carb @ 150'

mdstn, black → gry, sub-calc.

sl/mdstn, white → black ls + carb. md. calc.

mdstn/lignite, gry → black, sub-calc., carb.

mdstn, olive → black, 20% lignite calc.

mdstn/ls, olive → tan, calc. some carb in upper 10' (10%)

mdstn, tan, non calc.

mdstn, tan, calc. 10% ls.

mdstn, red → maroon, calc Vol. agglomerate, gry → red.

MINERALS EXPLORATION CO.

CASPER, WYOMING		HOLE NO.	AM-319
LOCATION ANDERSEN MINE		GAMMA SCALE	500=50 CPS
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT
GR.	ELEV.	K-FACTOR	5.70x10-5
SEC.	TWP. RGE.	DEAD TIME	7.14 μs
DATE	DEC. 5, 76	TIME CONSTANT	1
DEPTH DRILLED	320	PROBE DIA.	1 5/8
DEPTH LOGGED	315	CALIPER	
FOOTAGE LOGGED	345	DIRECTIONAL SURVEY	
HOLE DIAMETER	5 5/8	TEMPERATURE	
WATER FACTOR	1.22	OPERATOR	KETTERLING
RESISTIVITY	150 OHMS/INCH	DRILLER	RUSS
SELF POTENTIAL	M.V./IN.	CONTRACTOR	REID & S
RERUNS	1ST. RUN 2ND. RUN 3RD. RUN	LAST A.E.C. PIT RUN	
BOTTOM	170	FLUID LEVEL	239
TOP	140	REMARKS:	
TOTAL FEET	30		
SCALE RUN	SK=500CPS/IN		

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM 320

ELEVATION 1825 **NORTH** 1,203,816.4 **EAST** 642,196.5 **LOGGED BY** G.M. **DATE** 12-11-76

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					ls/mdstn white → lt gry, 5% chert (red), Calc.
	40					mdstn, olive, non-calc.
50						lignite, non-calc., black carb
2K = 200 CPS/IN TC1 5/M	60					mdstn white → olive, sub calc. (minor ls.)
	80					
100	00					ls/mdstn, white, calc. 5-10% chert in bottom of section (Red)
	20					
	40					ls/mdstn, lt. gry → white, calc. sub carb.
150						
2.5K = 2500 CPS/IN TC1 5/M	60					mdstn/ls, gry → lt gry, calc. carb.
	80					mdstn/ls, lt gry → white, sub carb calc.
200	00					
	20					mdstn, tan → olive, sub-calc.
255	40					mdstn lt. pink, calc.
500 = 50 CPS/IN TC1 15/M	60					aggln. red → gry
100 Ω	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE	HOLE NO.	AM-320
COUNTY	YAVAPAI STATE ARIZONA	GAMMA SCALE	500 = 50 CPS
GP.	ELEV.	PROBE TYPE	SCINT.
SEC.	TWP. RGE.	K-FACTOR	5.70 K10-5.
DATE	DEC. 8, 76	DEAD TIME	7.14 μ
DEPTH DRILLED	260	TIME CONSTANT	1
DEPTH LOGGED	255	PROBE DIA.	1 5/8
FOOTAGE LOGGED	304	CALIPER	
HOLE DIAMETER	5 5/8	DIRECTIONAL SURVEY	
WATER FACTOR	1.22	TEMPERATURE	
RESISTIVITY	100 OHMS/INCH	OPERATOR	KETTERLING
SELF POTENTIAL	M.V./IN.	DRILLER	JIM
		CONTRACTOR	UNIVERSAL
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	150
		REMARKS:	

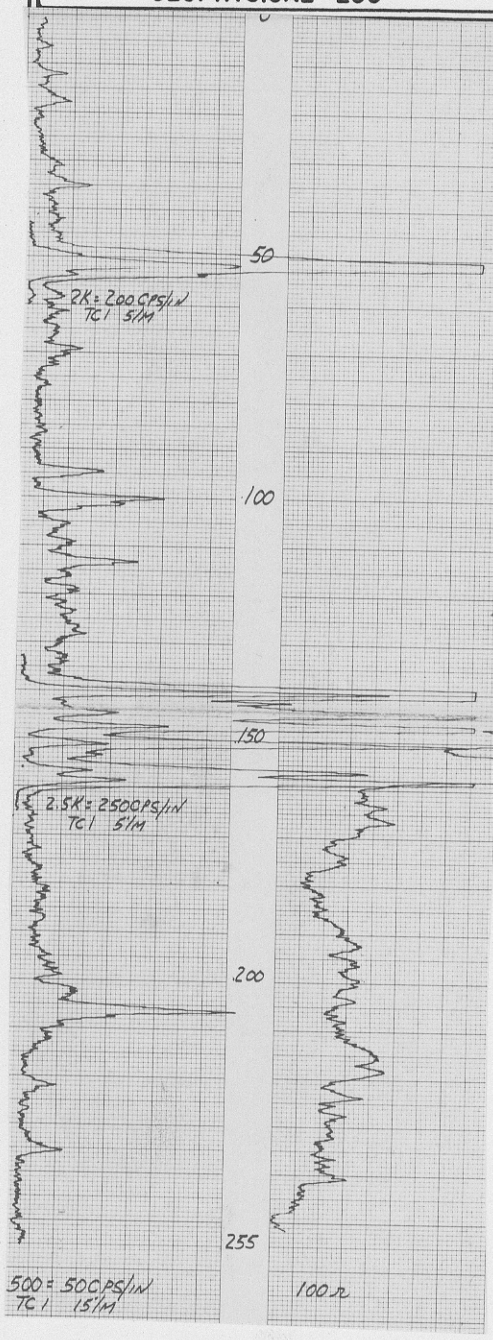
	1ST. RUN	2ND. RUN	3RD. RUN
RERUNS			
BOTTOM	165	60	
TOP	133	43	
TOTAL FEET	32	17	
SCALE RUN	2.5K = 2500 CPS/IN	2K = 2000 CPS/IN	

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM 320

ELEVATION 1825 **NORTH** 1,203,816.4 **EAST** 642,196.5 **LOGGED BY** G.M. **DATE** 12-11-76

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					ls/mdstn white → lt gry, 5% chert (red), Calc.
	40					mdstn, olive, non-calc.
	60					lignite, non-calc., black carb
	80					mdstn white → olive, sub calc. (minor ls.)
	00					ls/mdstn, white, calc. 5-10% chert in bottom of section (red)
	20					
	40					ls/mdstn, lt. gry → white, calc. sub-carb.
	60					mdstn/ls, gry → lt gry, calc. carb.
	80					mdstn/ls, lt gry → white, sub carb calc.
	00					
	20					mdstn, tan → olive, sub-calc.
	40					mdstn lt. pink, calc.
	60					agglm. red → gry
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					



MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE	HOLE NO.	AM-320
COUNTY	YAVAPAI STATE ARIZONA	GAMMA SCALE	500 = 500 CPS
GP.	ELEV.	PROBE TYPE	SCINT.
SEC.	TWP. RGE.	K-FACTOR	5.70 K10-5.
DATE	DEC. 8, 76	DEAD TIME	7.14 μ
DEPTH DRILLED	260	TIME CONSTANT	1
DEPTH LOGGED	255	PROBE DIA.	1 5/8
FOOTAGE LOGGED	304	CALIPER	
HOLE DIAMETER	5 5/8	DIRECTIONAL SURVEY	
WATER FACTOR	1.22	TEMPERATURE	
RESISTIVITY	100 OHMS/INCH	OPERATOR	KETTERING
SELF POTENTIAL	M.V./IN.	DRILLER	JIM
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	CONTRACTOR	UNIVERSAL
BOTTOM	165 / 60	LAST A.E.C. PIT RUN	
TOP	133 / 43	FLUID LEVEL	150
TOTAL FEET	32 / 17	REMARKS:	
SCALE RUN	2.5K=2500PS/IN 2K=200CPS/IN		