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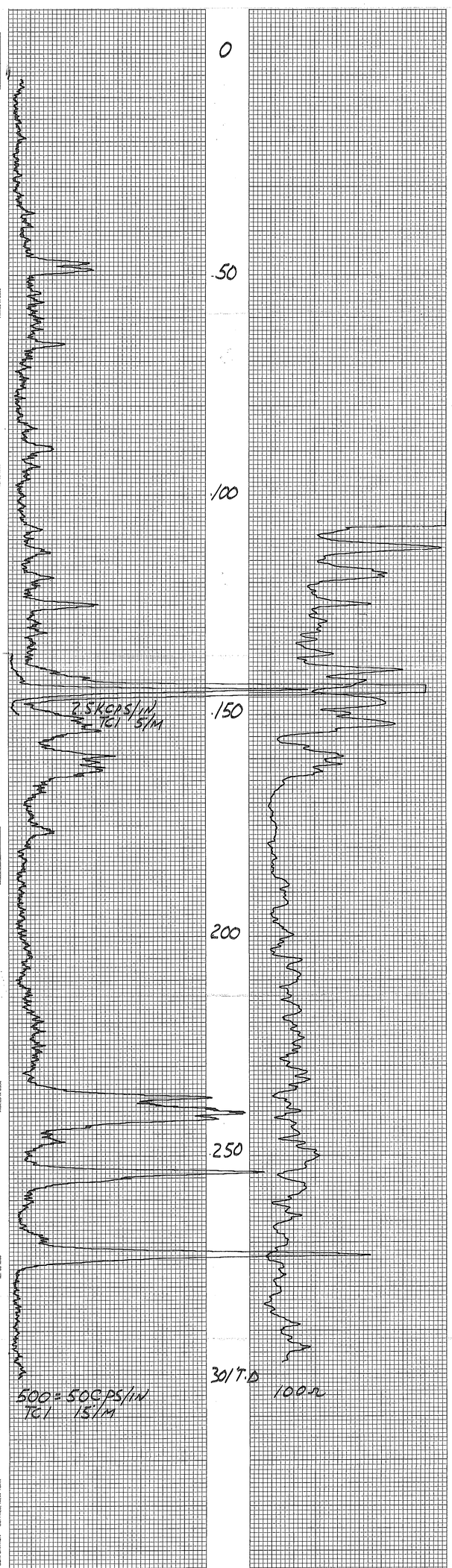
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE		
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	1205 787.64N 88 358.73E	ELEV.	
SEC.		TWP.	RGE.
DATE	DEC. 8,76		
DEPTH DRILLED	300		
DEPTH LOGGED	301		
FOOTAGE LOGGED	315		
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	100	OHMS/INCH	
SELF POTENTIAL		M.V./IN.	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	150		
TOP	136		
TOTAL FEET	14		
SCALE RUN	2.5K=250CPS/IN		

HOLE NO.	AM-331
GAMMA SCALE	500=50CPS
PROBE TYPE	SCINT
K-FACTOR	5.70 X 10.5
DEAD TIME	7.14 μs
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	107
REMARKS:	



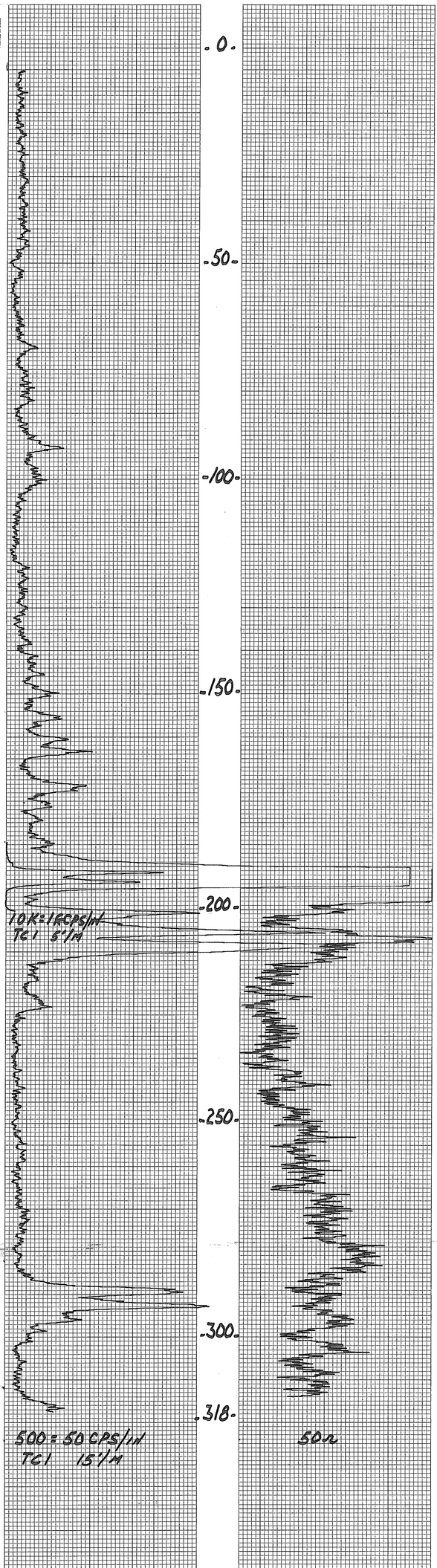
MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM 332

LOCATION ANDERSEN MINE		**GAMMA SCALE**	500=50CPS/IN
COUNTY YAVAPAI	**STATE** ARIZONA	**PROBE TYPE**	SCINT.
GP. 1205 784.38N 88 150.69E / 1,203,390.9N 641,806.4E	**ELEV.** 1828	**K-FACTOR**	5.70x10-5
		DEAD TIME	7.14u
		TIME CONSTANT	1
SEC.	**TWP.** **RGE.**	**PROBE DIA.**	1 5/8
DATE	1-19-77	**CALIPER**	
DEPTH DRILLED	320	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	318	**TEMPERATURE**	
FOOTAGE LOGGED	333	**OPERATOR**	KETTERLING
HOLE DIAMETER	5 5/8	**DRILLER**	JIM
WATER FACTOR	1.22	**CONTRACTOR**	
RESISTIVITY	50 OHMS/INCH	**LAST A.E.C. PIT RUN**	
SELF POTENTIAL	M.V./IN.	**FLUID LEVEL**	198

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	200		
TOP	185		
TOTAL FEET	15		
SCALE RUN	10K=1KCPS/IN		

REMARKS:



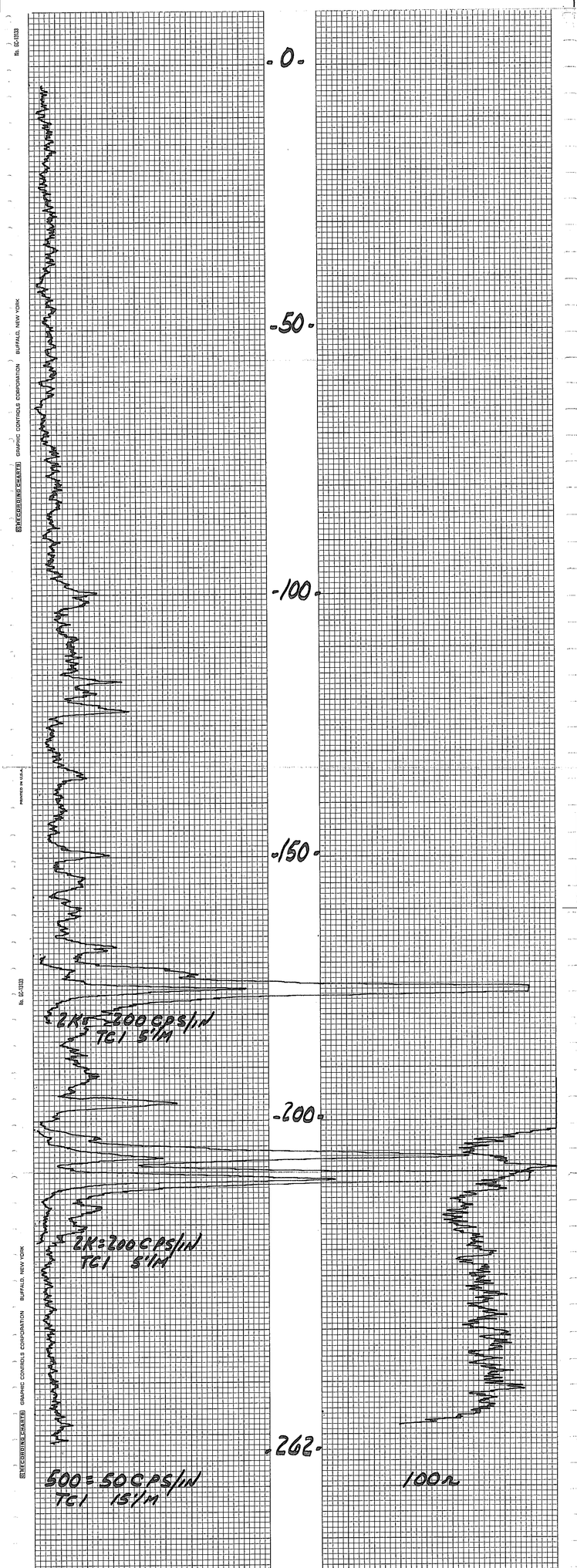
MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM 333

LOCATION ANDERSEN MINE		**GAMMA SCALE**	500=50CPS/IN
COUNTY YAVAPAI	**STATE** ARIZONA	**PROBE TYPE**	SCINT.
GP. ~~1203,409.11N~~ 1205806.11N ~~641,597.7E~~ 87943.05E	**ELEV.** 1825	**K-FACTOR**	5.70x10-5
		DEAD TIME	7.14u
		TIME CONSTANT	1
SEC.	**TWP.** **RGE.**	**PROBE DIA.**	1 5/8
DATE	1-21-77	**CALIPER**	
DEPTH DRILLED	265	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	262	**TEMPERATURE**	
FOOTAGE LOGGED	297	**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**	

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	224	181	
TOP	202	168	
TOTAL FEET	22	13	
SCALE RUN	2K=200CPS/IN	2K=200CPS/IN	

REMARKS:



MINERALS EXPLORATION CO.

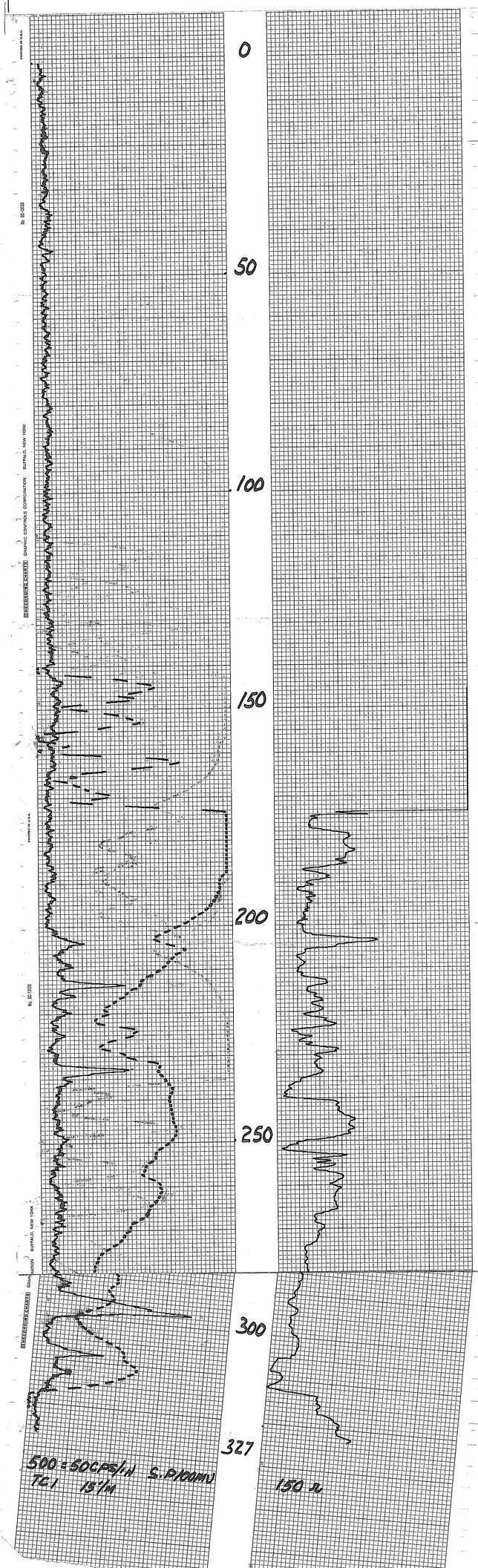
CASPER, WYOMING

LOCATION	ANDERSEN MINE	HOLE NO.	AM 334
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	~~1,203,397.7N 641,201.1E~~ 1203 802.25N 87545.91E	ELEV.	1844

SEC.	TWP.	RGE.
DATE	3-6-77	
DEPTH DRILLED	330	
DEPTH LOGGED	327	
FOOTAGE LOGGED	327	
HOLE DIAMETER	5 5/8	
WATER FACTOR	1.22	
RESISTIVITY	150	OHMS/INCH
SELF POTENTIAL	100	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	5.70X10-5
DEAD TIME	7.19 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:	

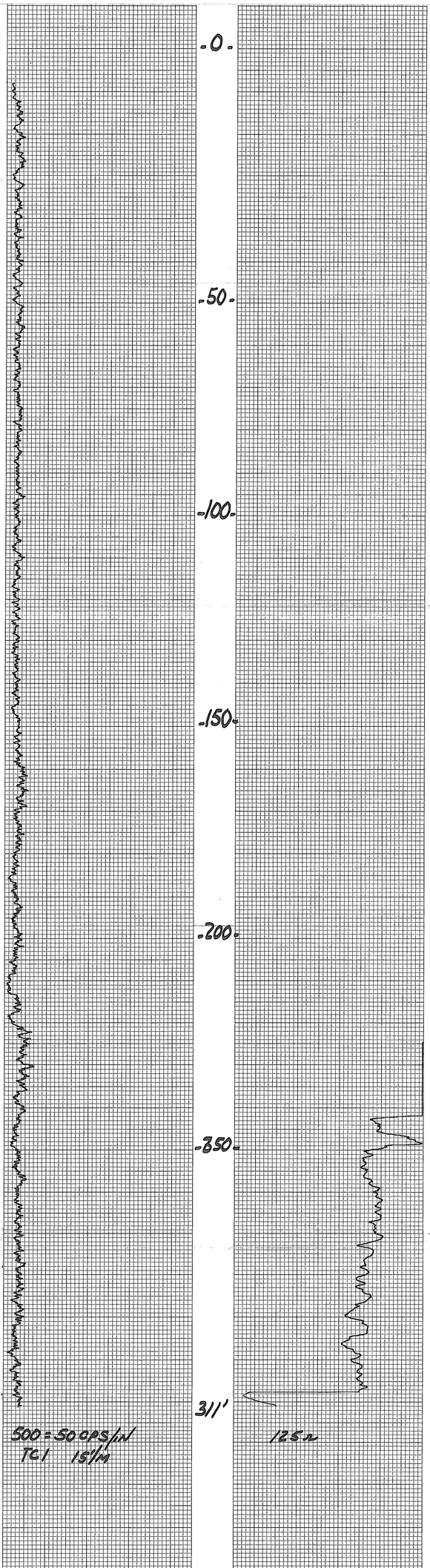


MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM 335

LOCATION ANDERSEN MINE		GAMMA SCALE	500=50CPS/IN
COUNTY YAVAVPAI	STATE ARIZONA	PROBE TYPE	SCINT
		K-FACTOR	5.70x10-5
GP. ~~1,203,195.9N~~ 1205 596.60N ~~641,406.1E~~ 87747.25E	ELEV. 1854	DEAD TIME	7.19 μ
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	1-26-77	CALIPER	
DEPTH DRILLED	315	DIRECTIONAL SURVEY	
DEPTH LOGGED	311	TEMPERATURE	
FOOTAGE LOGGED	311	OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	RUSS
WATER FACTOR	1.22	CONTRACTOR	REID & S
RESISTIVITY	125 OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	

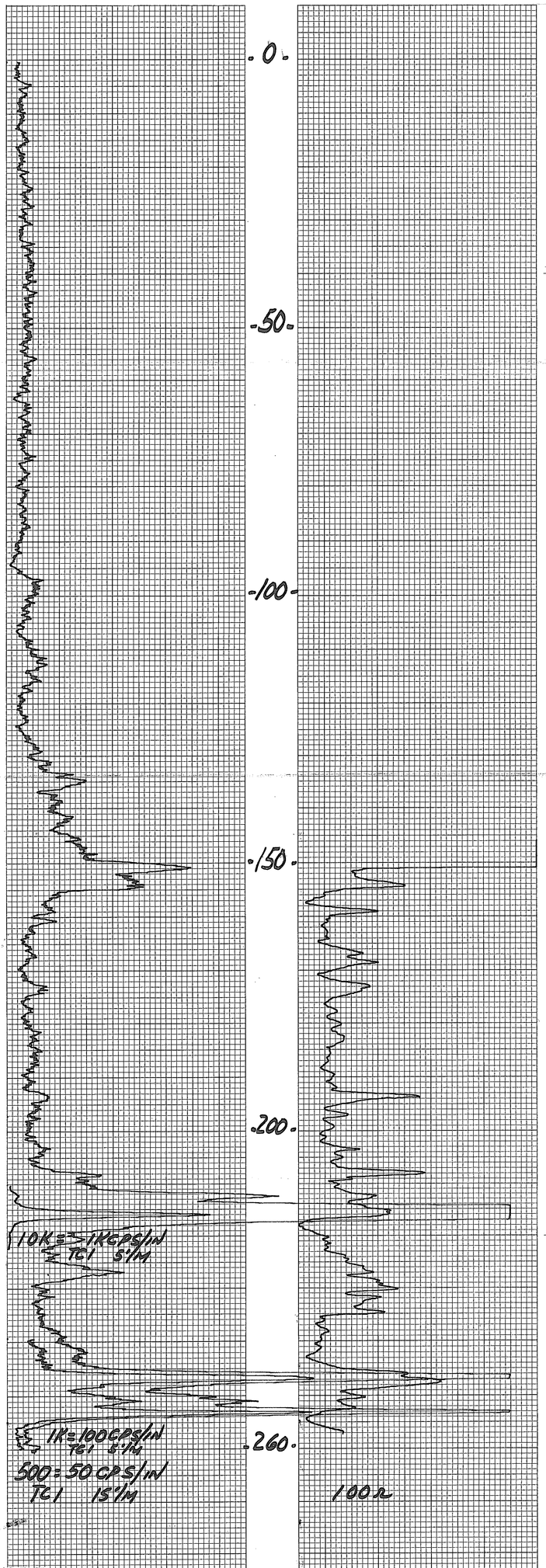
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:
BOTTOM				
TOP				
TOTAL FEET				
SCALE RUN				



MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM 336

LOCATION ANDERSEN MINE				**GAMMA SCALE**	500 = 500CPS/IN
COUNTY YAVAPAI	**STATE** ARIZONA			**PROBE TYPE**	SCINT.
GP. 1205571.28N 88153.86E ~~1,203,177.6N 641,813.3E~~	**ELEV.** 1836			**K-FACTOR**	5.70 X 10 -5
				DEAD TIME	7.14μ
				TIME CONSTANT	1
SEC.	**TWP.**	**RGE.**		**PROBE DIA.**	1 5/8
DATE	1-23-77			**CALIPER**	
DEPTH DRILLED	260			**DIRECTIONAL SURVEY**	
DEPTH LOGGED	260			**TEMPERATURE**	
FOOTAGE LOGGED	292			**OPERATOR**	RETTERLING
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**	
RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**	**REMARKS:**	
BOTTOM	260	222			
TOP	240	210			
TOTAL FEET	20	12			
SCALE RUN	1K=100CPS/IN	10K=1KCPS/IN			



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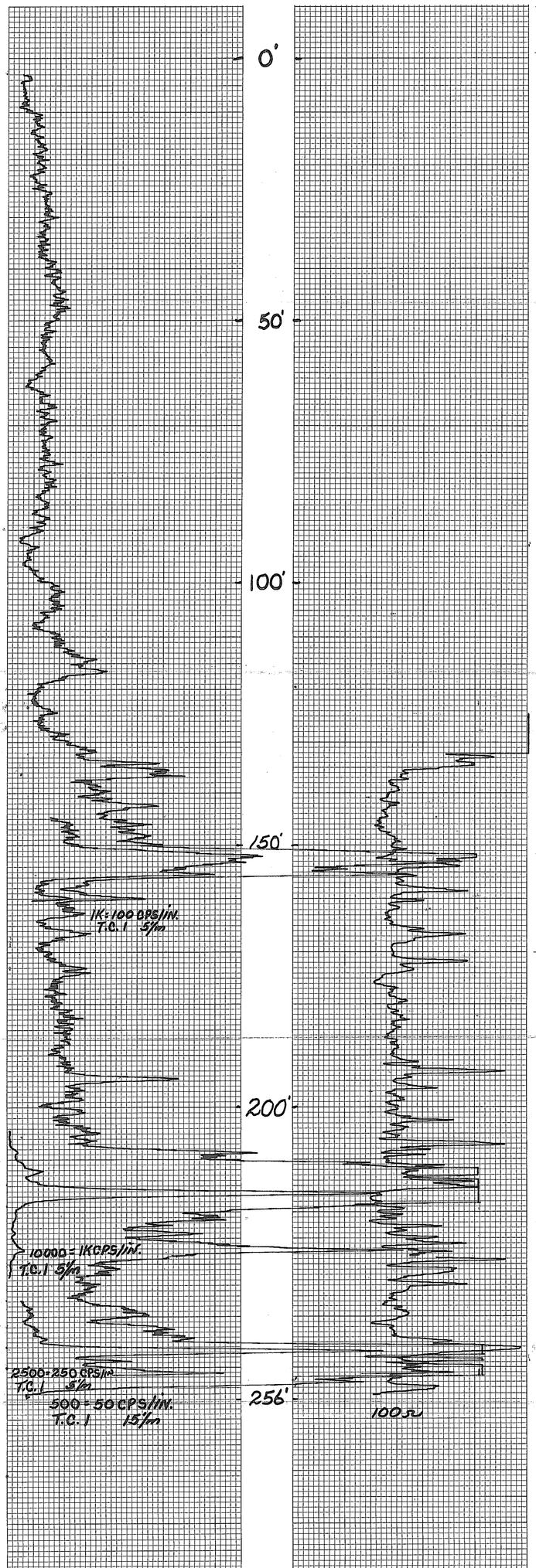
MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM-336C

LOCATION	ANDERSON MINE	**GAMMA SCALE**	500=50CPS/IN.
COUNTY	yavapai **STATE** ARIZ.	**PROBE TYPE**	ScinT.
GP.	**ELEV.**	**K-FACTOR**	2.17^{10-5}
		DEAD TIME	7.7 usec.
		TIME CONSTANT	1
SEC.	**TWP.** **RGE.**	**PROBE DIA.**	1⅝"
DATE	9-9-77	**CALIPER**	
DEPTH DRILLED	260'	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	256'	**TEMPERATURE**	
FOOTAGE LOGGED	305'	**OPERATOR**	Hudson
HOLE DIAMETER		**DRILLER**	
WATER FACTOR		**CONTRACTOR**	Bolles
RESISTIVITY	100 OHMS/~~INCH~~	**LAST A.E.C. PIT RUN**	
SELF POTENTIAL	M.V./IN.	**FLUID LEVEL**	132'

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	252	233	160
TOP	237	204	145
TOTAL FEET	15	29	15
SCALE RUN	2500=250CPS/IN.	10K=1KCPS/IN.	1K=100CPS/IN.

REMARKS:



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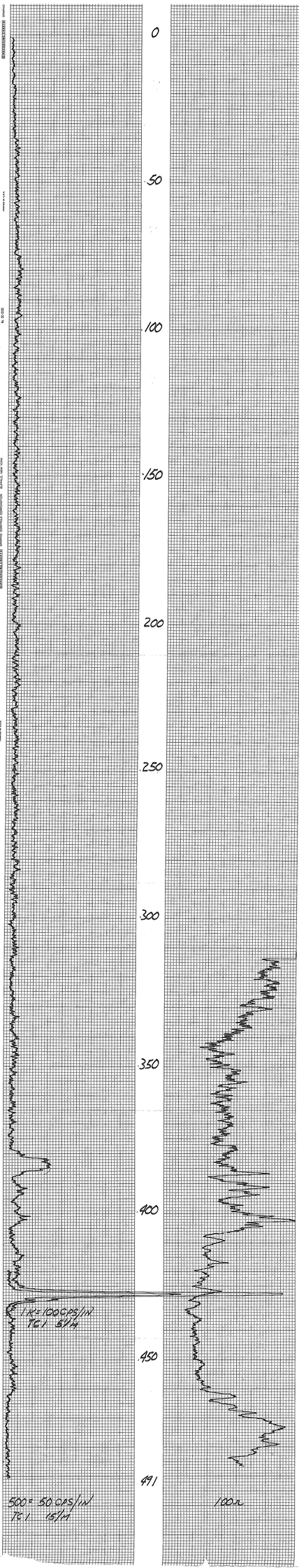
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE		
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	120 55 63.99 N / 87 335.60 E	ELEV.	
SEC.		TWP.	RGE.
DATE	DEC. 6, 76		
DEPTH DRILLED	500		
DEPTH LOGGED	491		
FOOTAGE LOGGED	506		
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	100	OHMS/INCH	
SELF POTENTIAL		M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	435		
TOP	420		
TOTAL FEET	15		
SCALE RUN	1K=100CPS/IN		

HOLE NO.	AM-337
GAMMA SCALE	500=500CPS/IN
PROBE TYPE	SCINT.
K-FACTOR	5.70X10-5
DEAD TIME	7.14μs
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	RUSS
CONTRACTOR	RED & S
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



Tulsa, Oklahoma
1203,155 CAN 610,974 EE Elev. 2013
1205 363-9900 87235 CC

C.O.G.E. | DATE 12-14-76
COMPANY MINERALS EXPLORATION
#337C
AREA ANDERSON MINE
COUNTY YAVAPAI | STATE ARIZONA
SECTION | TOWNSHIP 1N | RANGE 10W | LOCATION FROM NEAREST TOWN GROUND LEVEL

445 Ft.
DF | KB | GL | CASING
4½ In.
BASE CASING
H2O LEVEL -41'
DRILLER
DEPTH
RESISTIVITY
COMPANY
AREA
COUNTY
STATE
DATE
TOTAL FOOTAGE LOGGED
OPERATOR J. DONALD
LOG TYPE 7545
LOCATION GRANTS
DATE 3.0 Yr. | TIME 16:00
LOGGED 1.0 Hr. | 17:00
TOTAL 42 Ft.
ENGINEER WIGERS | 90 Ft.
TOWNSEND STANLEY Ft.

TOTAL FEET 445'
F.D. LOGGED
GAMMA SCALE 500CPS-50 Cps. Per In.
TIME CONSTANT 2 Sec. | 20 Ft./Min.
CALIBRATION PROBE 25KCPS/IN TC.1
DATE 8-70-6 | TIME 4 μR/H
PROBE 8010-205 | PROBE # 1¾ In.
DESIGN XATAL | TYPE 76X1¾
DEVIATION 0.00 | K FACTOR 1.9X10⁻⁵
MUDFACTOR 1.12 | AIR FACTOR 1.00
REL. SCALE 100 Ohms per 5 Inches
S.P. 10 Mv/In.

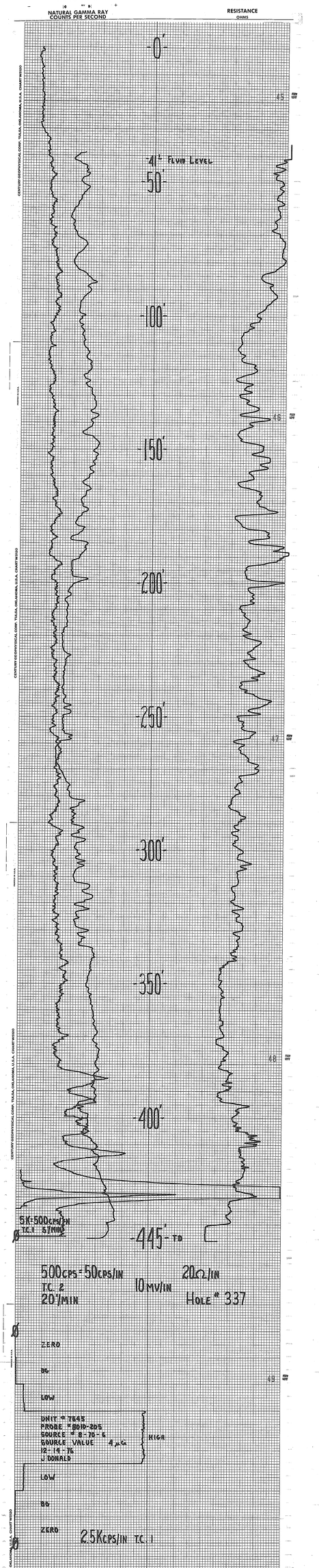
SCALE 5K-500 Cps. Per In.
C.C. 1 In. | 5 Ft./Min.
FROM 435' Ft.
TO 425' Ft.
TOTAL 10'

SCALE
C.C. Cps. Per In.
1 In. | 1000 GRID Ft./Min.
FROM Ft.
TO Ft.
TOTAL

SCALE
T.C. Cps. Per In.
1 In. | 1000 GRID Ft./Min.
FROM Ft.
TO Ft.
TOTAL

GAMMA GRAPH
Journal use offset

SELF POTENTIAL
NATURAL GAMMA RAY
COUNTS PER SECOND
RESISTANCE
OHMS

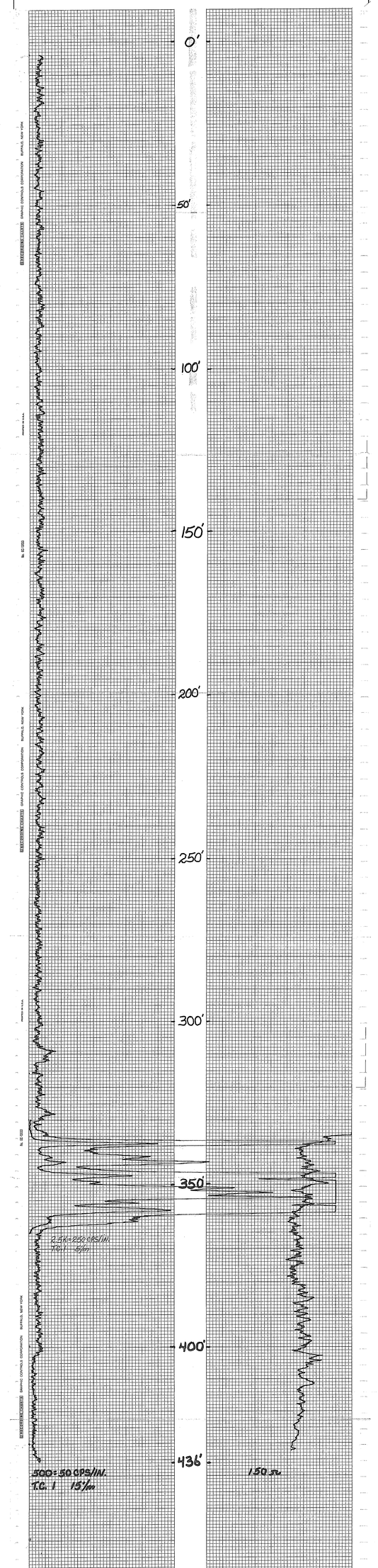


MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM-338

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPS/IN.
COUNTY	Yavapai STATE ARIZ.	PROBE TYPE	SCINT.
GP. ~~1,203,023.3N-641,245.5E~~	ELEV. 1920	K-FACTOR	5.7^{10-5}
1205 426.50N		DEAD TIME	7.14 μsec.
SEC. 87 584.17E TWP.	RGE.	TIME CONSTANT	1
		PROBE DIA.	1⅝"
DATE	2-14-77	CALIPER	
DEPTH DRILLED	435'	DIRECTIONAL SURVEY	
DEPTH LOGGED	436'	TEMPERATURE	
FOOTAGE LOGGED	476'	OPERATOR	Hudson
HOLE DIAMETER	5⅞" To 200' 5¾" To 436'	DRILLER	church
WATER FACTOR		CONTRACTOR	Boyles
RESISTIVITY	150 OHMS/~~INCH~~	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:
BOTTOM	365'			
TOP	325'			
TOTAL FEET	40'			
SCALE RUN	2.5K=250CPS/IN.			



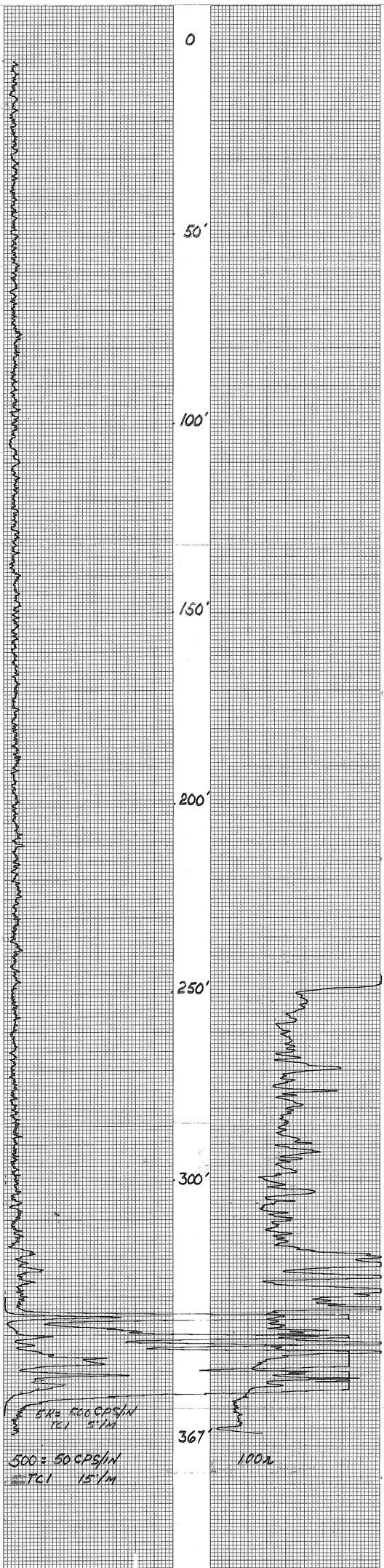
MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM 338-C

LOCATION	ANDERSEN MINE	GAMMA SCALE	500 = 50 CPS
COUNTY	YAVAPAI STATE ARIZ.	PROBE TYPE	SCINT.
GP.	ELEV.	K-FACTOR	ANALOG 6.01 E-5 DIGITAL 5.92 X 10 -5
		DEAD TIME	9.29 ~~7.65~~ 7.39
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	10-19-77	CALIPER	
DEPTH DRILLED	367'	DIRECTIONAL SURVEY	
DEPTH LOGGED	367'	TEMPERATURE	
FOOTAGE LOGGED	398'	OPERATOR	KETTERLING
HOLE DIAMETER	4	DRILLER	
WATER FACTOR	1.10	CONTRACTOR	COPERSTATE
RESISTIVITY	100 OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	250'

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	363'		
TOP	332'		
TOTAL FEET	31'		
SCALE RUN	5K=500CPS/IN		

REMARKS:
FIRST HOLE AM 338C
VERY LOW CORE REC.



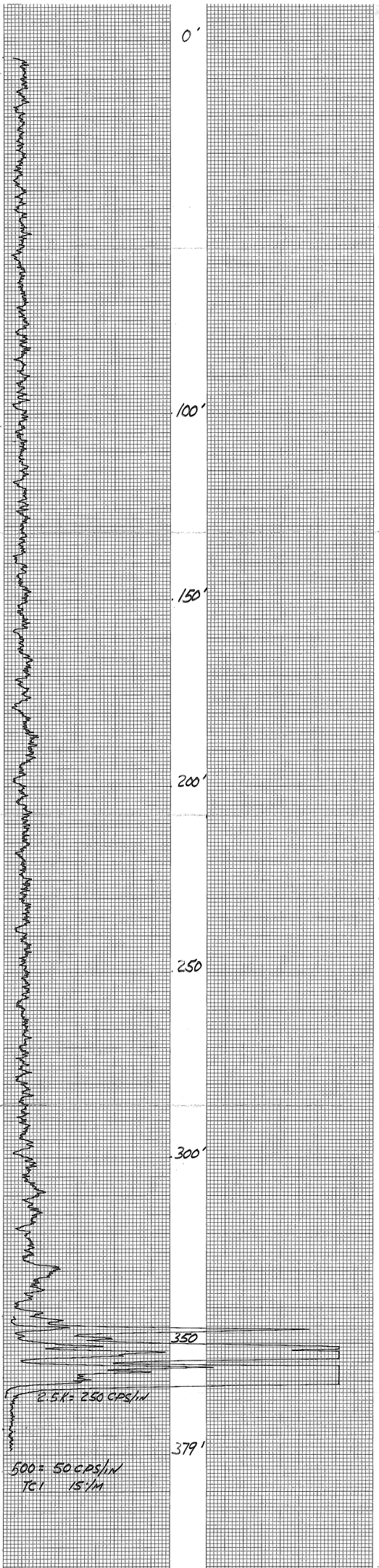
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO.	AM 338-C1		
LOCATION	ANDERSEN MINE	GAMMA SCALE	500 = 50CPS/IN
		PROBE TYPE	SCINT
COUNTY	YAVAPAI	STATE ARIZ.	K-FACTOR 2.48 ~~2.23~~ x 10 -5
GP.		ELEV.	DEAD TIME ~~7.00~~ 7.30
			TIME CONSTANT 1
SEC.	TWP.	RGE.	PROBE DIA. 1 1/16
DATE	10-26-77		CALIPER
DEPTH DRILLED	377		DIRECTIONAL SURVEY
DEPTH LOGGED	379'		TEMPERATURE
FOOTAGE LOGGED			OPERATOR KETTERLING
HOLE DIAMETER	4"		DRILLER
WATER FACTOR	1.10		CONTRACTOR SHELTON
RESISTIVITY	"	OHMS/INCH	LAST A.E.C. PIT RUN
SELF POTENTIAL	"	M.V./IN.	FLUID LEVEL

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	367		
TOP	345		
TOTAL FEET	22'		
SCALE RUN	2.5K = 250CPS/IN		

REMARKS: LOG THROUGH DRILL STEM
SECOND HOLE - DRILLED BECAUSE OF POOR CORE RECOVERY ON AM 338 C



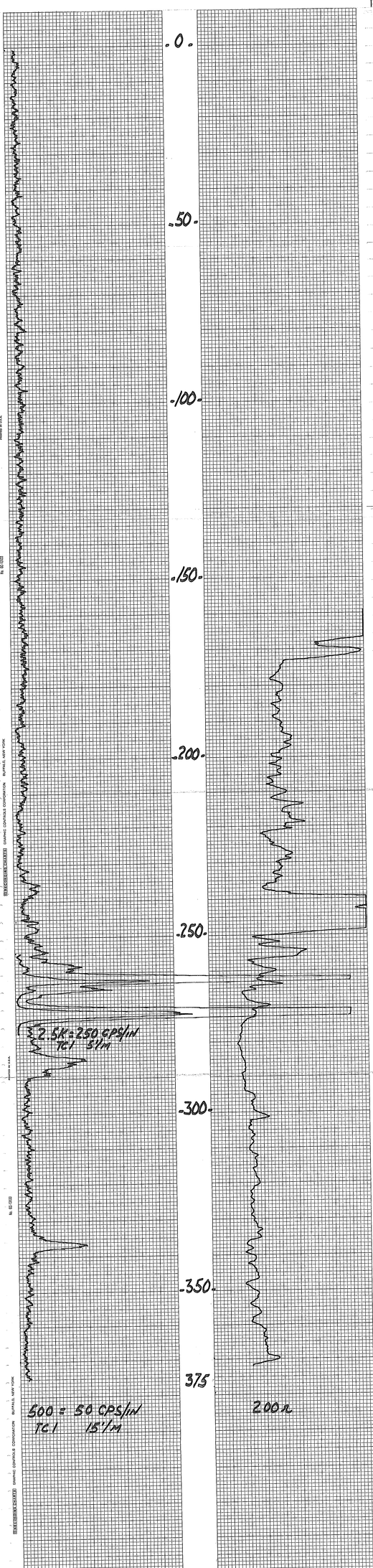
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 339

LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 50 CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP. ~~1203,005.5~~ N 1205403.09N ~~641,602.5~~ E 87940.80E	ELEV. 1853	K-FACTOR	5.70x10-5
		DEAD TIME	7.14u
		TIME CONSTANT	1
SEC. [redacted] TWP.	RGE.	PROBE DIA.	1 5/8
DATE	1-22-77	CALIPER	
DEPTH DRILLED	380	DIRECTIONAL SURVEY	
DEPTH LOGGED	375	TEMPERATURE	
FOOTAGE LOGGED	395	OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	JIM
WATER FACTOR	1.22	CONTRACTOR	UNIVERSAL
RESISTIVITY	200 OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:
BOTTOM	274			
TOP	254			
TOTAL FEET	20			
SCALE RUN	2.5K=250CPS/IN			

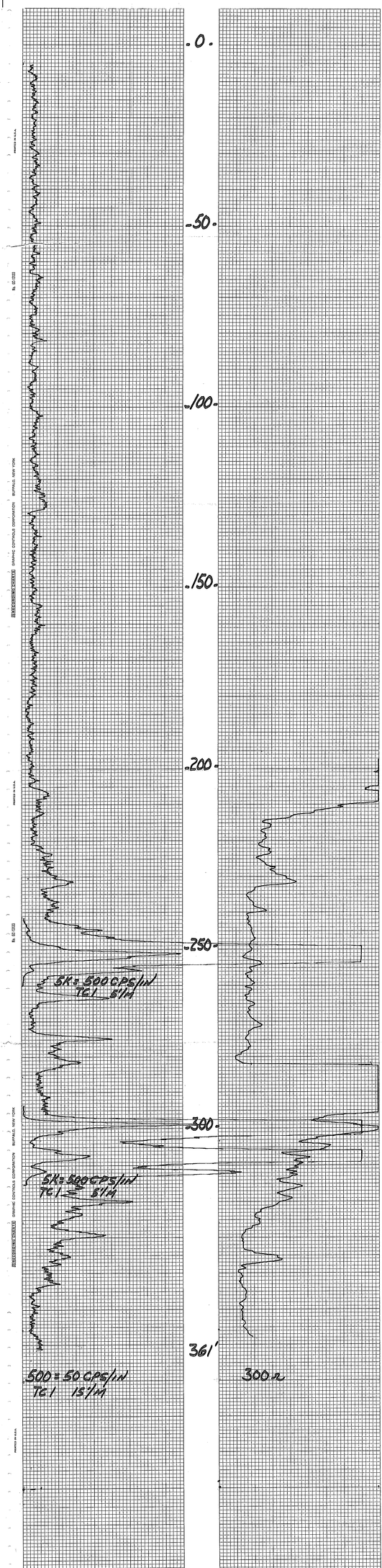


MINERALS EXPLORATION CO.

CASPER, WYOMING — **HOLE NO.** AM 340

LOCATION ANDERSEN MINE		**GAMMA SCALE**	500 = 50CPS/IN
COUNTY YAVAPAI	**STATE** ARIZONA	**PROBE TYPE**	SCINT.
GP. ~~1,202,979.2~~ N ~~641,789.8~~ E	**ELEV.** 1851	**K-FACTOR**	5.70 X 10 -5
1205 372.73 N		**DEAD TIME**	7.14 μ
SEC. 88 127.29 E **TWP.**	**RGE.**	**TIME CONSTANT**	1
		PROBE DIA.	1 5/8
DATE	1-23-77	**CALIPER**	
DEPTH DRILLED	360	**DIRECTIONAL SURVEY**	
DEPTH LOGGED	361	**TEMPERATURE**	
FOOTAGE LOGGED	901	**OPERATOR**	KETTERLING
HOLE DIAMETER	5 5/8	**DRILLER**	JIM
WATER FACTOR	1.22	**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	315	260		
TOP	294	241		
TOTAL FEET	21	19		
SCALE RUN	5K=500CPS/IN	5K=500CPS/IN		

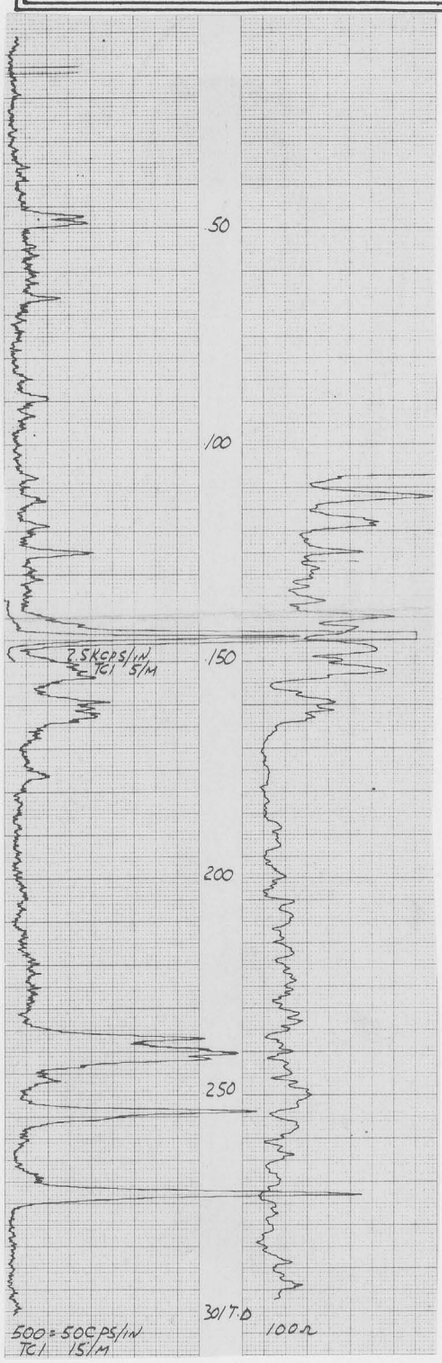


PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☐ WATER **HOLE NO.** AM-331

ELEVATION 1822. **NORTH** 1,203,397.6 **EAST** 642,014.2 **LOGGED BY** G.M. **DATE** 13-12-76

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 300 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Qal

mdstn/gl mdstn interbedded w/ remobilized cngl., sub calc. olive → brn.

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

mdstn, olive, sub-calc.

mdstn/ls, white → lt. gry, calc.

ls/mdstn, white → lt. gry calc. minor chert.

mdstn/ls, lt. gry, calc.

mdstn/ls, gry → black, minor interbedded lignite, entire section carbonaceous. calc.

mdstn, gry → olive, calc. sub-carb.

mdstn/sltstn., calc., tan → lt. Brown

mdstn/ls, sub-carb. calc., tan → lt. gry.

mdstn, dk gry, carb. sub calc.

mdstn, maroon calc.

agglm/mdstn, gry → maroon, calc.

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE	HOLE NO.	AM-331
COUNTY	YAVAPAI	GAMMA SCALE	500=50CPS
STATE	ARIZONA	PROBE TYPE	SCINT
GP.		K-FACTOR	5.70 x 10-5
ELEV.		DEAD TIME	7.1μs
SEC.	TWP. RGE.	TIME CONSTANT	1
DATE	DEC. 8, 76	PROBE DIA.	1 5/8
DEPTH DRILLED	300	CALIPER	
DEPTH LOGGED	301	DIRECTIONAL SURVEY	
FOOTAGE LOGGED	315	TEMPERATURE	
HOLE DIAMETER	5 5/8	OPERATOR	KEITERLING
WATER FACTOR	1.22	DRILLER	JIM
RESISTIVITY	100 OHMS/INCH	CONTRACTOR	UNIVERSAL
SELF POTENTIAL	M.V./IN.	LAST A.E.C. PIT RUN	
RERUNS	1ST. RUN 2ND. RUN 3RD. RUN	FLUID LEVEL	107
BOTTOM	150	REMARKS:	
TOP	136		
TOTAL FEET	14		
SCALE RUN	2.5K=250CPS/in		

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 332

ELEVATION 1828 NORTH 1,203,390.9 EAST 641,806.4 LOGGED BY CZH DATE 1-19-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 320 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Alluvium or Crs Cgl, Granitic
	20					
	40					Sltst/SS, Tan
-50-	60					
	80					Ls/calcareous Sltst, Lt Grn to Wht, Silicified
-100-	100					Sltst, Grn, Silicified,
	20					Ls, Wht, Silicified, Mn Staining, Gry + Yel Brn Chert
						Sltst/Mdst, Grn Bentonitic
	40					Ls, Wht, Silicified, Lt Tan Chert, Calcareous
-150-	60					Silicified Sltst, Grn, with Trace RedBrn Chert, Calcareous
	80					Intbdd Carbonaceous Sltst and Grn Bentonitic Sltst Grn, DKGry + Blk, Calcareous
-200-	200					Carbonaceous Sltst + Lignite, DKGry to Blk Sub-Calcareous to Non-calcareous
	20					
	40					Sltst, Grn, Bentonitic - Red stain
-250-	60					Sltst, RedBrn,
	80					Sltst, LtGrn, Bentonitic
-300-	300					Carbonaceous Sltst, DKGry
						Sltst, Lt Grn, Bentonitic
-318-	320					Sltst, Red, Volcanic Frags
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

10K=1RCPS/IN
TC1 5"/M

500 x 50 CPS/IN
TC1 15"/M

50M

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE		HOLE NO.	AM 332
COUNTY YAVAPAI	STATE ARIZONA	GAMMA SCALE	500=50CPS/IN
GP. 1,203,390.9N 641,806.4E	ELEV. 1828	PROBE TYPE	SCINT.
SEC.	TWP. RGE.	K-FACTOR	5.70 x 10-5
DATE	1-19-77	DEAD TIME	7.18u
DEPTH DRILLED	320	TIME CONSTANT	1
DEPTH LOGGED	318	PROBE DIA.	1 5/8
FOOTAGE LOGGED	333	CALIPER	
HOLE DIAMETER	5 5/8	DIRECTIONAL SURVEY	
WATER FACTOR	1.22	TEMPERATURE	
RESISTIVITY	50 OHMS/INCH	OPERATOR	KETTERLING
SELF POTENTIAL	M.V./IN.	DRILLER	JIM
		CONTRACTOR	
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	198

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	200		
TOP	185		
TOTAL FEET	15		
SCALE RUN	10K=1RCPS/IN		

REMARKS:

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 333

ELEVATION 1825 NORTH 1,203,409.4 EAST 641,597.7 LOGGED BY CZH DATE 1-21-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 265 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						cgl, Alluvium, Tan, calc
						siltst, Brn, Calc
	20					siltst, Grn, Calc
					Move Down 20'	siltst, Brn, Calc
	40					siltst, Lt Grn silicified, Calc
-50-						siltst, Brn, Calc,
	60					siltst, Grn, Calc, Silicified, Yel Brn chert
						siltst, Grn, Bentonitic, Non-Calc
	80					silicified siltst, Grn, w/ Gry, Grn, + Yel Brn chert, Calc
						siltst, Grn, Bentonitic, Calc
						Ls + Calcareous siltst, silicified, Lt Brn chert
-100-	100					silicified siltst, Grn w/ Brn Chert, Calc
						siltst, Grn, Calc, Bentonitic
	20					Carbonaceous siltst, Sub-Calc, Grn to Gry
						silicified, siltst, Gry Grn, Yel Brn Chert
						Calcareous siltst + Ls, Gry Wht, Bent, Limy
	40					silicified siltst, Grn, Lt Gry Brn Chert, Bent,
-150-						Calcareous siltst + Ls, Wht, Silicified, Brn to Lavendar chert
	60					Silicified siltst, Gry Grn, Red Brn chert
	80					Lignite + Carbonaceous siltst, Blk + DK Gry
2K=200 CPS/IN TC1 5'/M						siltst, Grn, Bentonitic, Carbonaceous
-200-	200					Carbonaceous siltst, lignite + Brn Ls or Calcareous siltst, DK Gry to Blk
2K=200 CPS/IN TC1 5'/M	20					siltst, Red w/ Volcanic Frags
	40					siltst/Mdst, Grn, Bentonitic
						siltst, Red, Vocanic Frags
-262-	60					
500=50 CPS/IN TC1 15'/M 100 n	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE		HOLE NO.	AM 333
COUNTY YAVAPAI	STATE ARIZONA	GAMMA SCALE	500=50CPS/IN
GP. 1203,409.4N 641,597.7E	ELEV. 1825	PROBE TYPE	SCINT.
SEC.	TWP.	K-FACTOR	5.70x10-5
	RGE.	DEAD TIME	7.14 u
DATE	1-21-77	TIME CONSTANT	1
DEPTH DRILLED	265	PROBE DIA.	1 5/8
DEPTH LOGGED	262	CALIPER	
FOOTAGE LOGGED	297	DIRECTIONAL SURVEY	
HOLE DIAMETER	5 5/8	TEMPERATURE	
WATER FACTOR	1.22	OPERATOR	KETTERLING
RESISTIVITY	100 OHMS/INCH	DRILLER	JIM
SELF POTENTIAL	M.V./IN.	CONTRACTOR	UNIVERSAL
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	
		REMARKS:	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	229	181	
TOP	202	168	
TOTAL FEET	22	13	
SCALE DIM	2K=200CPS/IN	2K=200CPS/IN	

PROJECT Anderson Mine HOLE SIZE _____ ☐ AIR ☑ WATER HOLE NO. AM334

ELEVATION 1844 NORTH 1,203,397.7 EAST 641,201.1 LOGGED BY C. Zitt DATE 3-6-77

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Cgl, Lt Tan, Granitic
						cgl, Tan Granitic w/Volcanic Frags
	20					SS, Grn, Fine
						cgl, crs, Sndy, Granitic
	40					SS, Tan, Fine
50						SS Red Brn Fine
	60					SS, Tan to Brn, Fine to Med,
	80					SS, Brn to Red Brn, Fine to Med sity
100	100					
	20					SS, Tan to Brn, Fine, Sity
	40					
150						sltst, Grn Tan
	60					
	80					sltst, Tan Grn
200	200					silicified sltst Grn, w/Brn + Yel Brn Chert, Wht Calc Tuff
						sltst, Grn, Silicified, Bentonitic
	20					silicified sltst, Grn, w/Grn Gry + Gry Grn Sub-Chert and Yel Brn chert
	40					Carbonaceous sltst, Red Gry, Silicified, Calc
250						
	60					sltst/Mdst, Brn w/Grn sltst
	80					
						Carbonaceous sltst
300	300					mdst, Grn, sity, w/Thin Intbdd's Lignitic Material and Red + Yel Tan sltst, No Volcanics
	20					Andesitic Volcanics, Gry Brn
327						
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

500 = 50CPS/in S.P. (mm) 150 in
TC1 18"/in

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE

COUNTY YAVAPAI STATE ARIZONA

DP. 1,203,397.7N-641,201.1E ELEV. 1844

SEC. TWP. RGE.

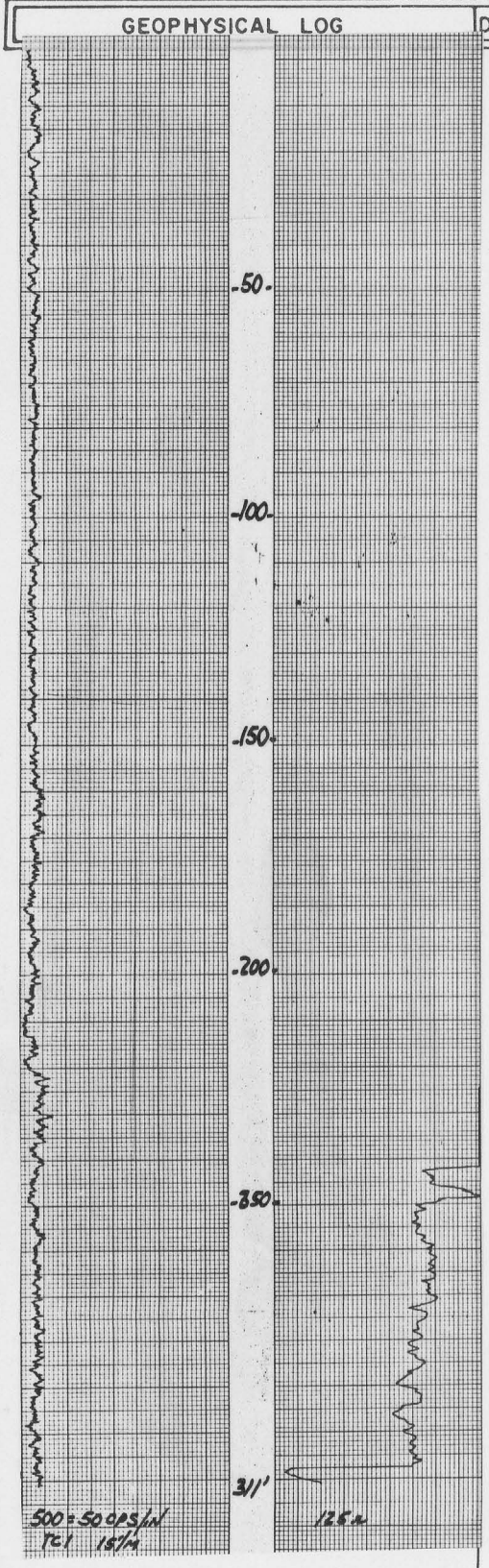
DATE	3-6-77		
DEPTH DRILLED	330		
DEPTH LOGGED	327		
FOOTAGE LOGGED	327		
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	150 OHMS/INCH		
SELF POTENTIAL	100 M.V./IN.		
RUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

HOLE NO.	AM 334
GAMMA SCALE	500=50CPS/in
PROBE TYPE	SCINT.
K-FACTOR	5.70×10^{-5}
DEAD TIME	7.19 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:	

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 335

ELEVATION 1854 NORTH 1,203,195.9 EAST 641,406.1 LOGGED BY CZH DATE 1-26-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 320 P.D. ____



MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE			
COUNTY YAVAVPAI	STATE ARIZONA		
GP. 1,203,195.9N-641,406.1E	ELEV. 1854		
SEC.	TWP.	RGE.	
DATE	1-26-77		
DEPTH DRILLED	315		
DEPTH LOGGED	311		
FOOTAGE LOGGED	311		
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	125	OHMS/INCH	
SELF POTENTIAL		M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

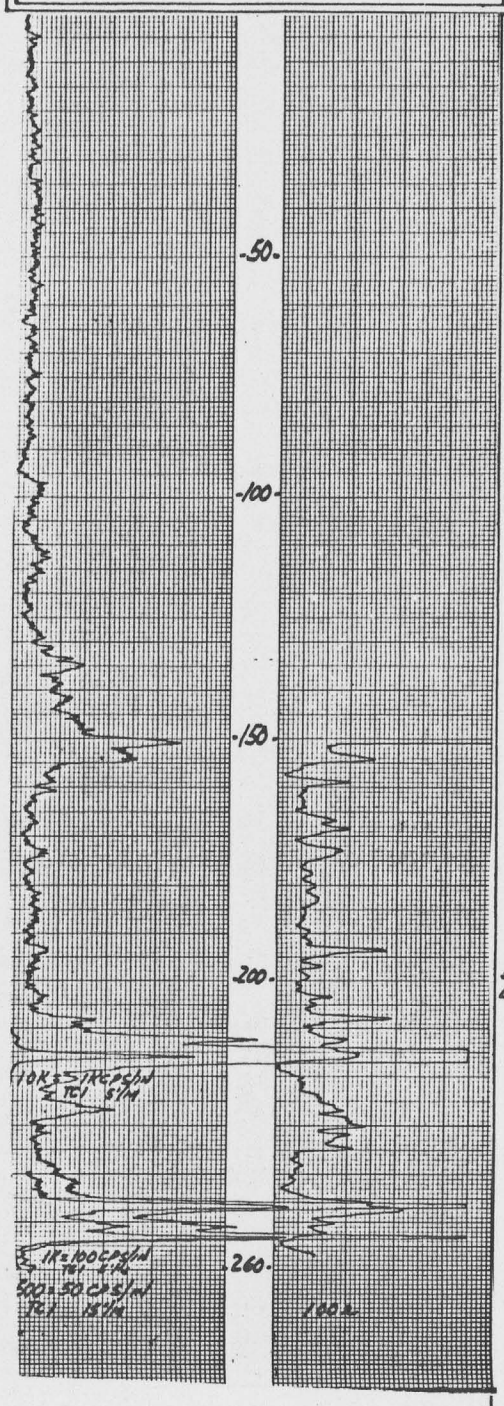
HOLE NO.	AM 335
GAMMA SCALE	500=50CPS/IN
PROBE TYPE	SCINT
K-FACTOR	5.70×10^{-5}
DEAD TIME	7.19 μ
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	RUSS
CONTRACTOR	REID & S
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 336

ELEVATION 1836 NORTH 1,203,177.6 EAST 641,813.3 LOGGED BY CZH DATE 1-23-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 260 P.D. ____

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



Depth	Lithology Log
0–20	Alluvium, Crs SS Aglomerate, Granitic + Volcanic Frags
20–40	SS Cgl, Lt Tan, Fine to Crs, Slty
40–60	Sltst, Grn
60–80	Sltst, Lt Tan to Tan
80–100	Sltst, W/ Intbdd Wht Calc Tuff, Gry Tan
100	Sltst, Brn
100–120	Silicified Sltst, Grn, W/ Lt Tan Chert
120–140	Intbdd Wht Calc Tuff + Grn Silic Sltst, Grn Wht, W/ Brn + Red Brn Chert
140–160	Sltst, Grn, Bentonitic, Sub Calc
160–180	Carbonaceous Silicified Sltst, Gry Grn, Calc
180–200	Intbdd, Grn Silic Sltst + Wht Calc Tuff, Silicified W/ Grn + Tan Sub Chert
200–220	Sltst, Grn, Bentonitic, Trace Silicification
220	Silicified Sltst, Grn
220–240	Carbonaceous Sltst + Lignite DK Gry to Blk, Calc Some Silicification
240–260	Sltst, DK Grn, Sub-Carbonaceous, Bentonitic, Calc
260	Lignite, Blk, Calc
260	Sltst, Red, W/ Andesitic Volcanic Frags

MINERALS EXPLORATION CO.

CASPER, WYOMING		HOLE NO.	AM 336
LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 500PS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP. 1,203,177.6N 641,813.3E	ELEV. 1836	K-FACTOR	5.70 x 10-5
		DEAD TIME	7.14μ
		TIME CONSTANT	1
SEC. TWP. RGE.		PROBE DIA.	1 5/8
DATE	1-23-77	CALIPER	
DEPTH DRILLED	260	DIRECTIONAL SURVEY	
DEPTH LOGGED	260	TEMPERATURE	
FOOTAGE LOGGED	292	OPERATOR	KETTERLING
HOLE DIAMETER	5 5/8	DRILLER	JIM
WATER FACTOR	122	CONTRACTOR	UNIVERSAL
RESISTIVITY	100 OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:
BOTTOM	260	222		
TOP	240	210		
TOTAL FEET	20	12		
SCALE RUN	1K=100CPS/IN	10K=1KCPS/IN		

AM 336C
CORE LITH LOG

204'6"-206' Carbonaceous sltst Gry, last foot well cmted w/calcite
206'-206'6" sltst, Grn, Sndy w/carb blems
206'6"-207'4" LS, slty to V slty, Lt Gry,
207'4"-216' Lignite w/ Thin intbdd Gry Ls, Some Areas well Cemted w/ Calcite
216'-220'10" Carbonaceous sltst, Gry, Calcite Cmtd, Limy
220'10"-222' Ls, wht to Gry, Carbonaceous
222'-222'8" Lignite, Blk,
222'8"-224'6" Carbonaceous Calcareous sltst, Gry to Blk, w/ Lime Grn Acces Mineral
224'6" 226'6" Carbonaceous sltst, V. Calcareous, Sndy, Gry
226'6"-227' Lignite, Blk
227'-234'10" Carbonaceous sltst and Thin Lignitic layers, Gry to Blk, Acces Grn Mineral Common, Calcareous w/ Thin Intbdd wht to Gry Ls Lowen foot V. Calcareous
234'10"-236'10" sltst/mdst, Grn to Dk Grn, Trace to Common Carbon
236'10"-237'6" ~~[illegible]~~ Mdst/sltst, Dk Grn, Carbonaceous
237'6" 238'6" sltst, Lt grn, trace Carb
238'6"-239'6" sltst/mdst, Dk Grn, Carb trace
239'6"-240'6" sltst, Lt Grn
240'6"-244'6" sltst/mdst, Grn to Dk Grn, Carb trace to Abundant Carbonaceous
244'6"-245'6" Lignite, Blk and Carbonaceous sltst.
245'6" 246 Ls, Gry, and Calcedony, Dk Brn to Black, silicified, trace to Com Carb
246-250 Carbonaceous sltst and Thin Intbdd Lignitic layers, Gry to Blk t, grn Gry
256-253'6" sltst/mdst Grn w/ Thin layers of Dk Grn Carbonaceous sltst
253'6"-256'6" Lignite Black, uncemented,
256'6"-257 Ls, Gry, w/ Carb intbdd, trace silicification
257-257'6" Volcanic, Andesite? Pebble or basement?

1,203,155.6N - 640,994.6E

Elev. 2013

Hole # AM 337-C

3 Boxes

Core Lith Log

Core Interval 420-444

420-424	Mdst + sltst, Grn, Carb Trace, Bentonitic
424-427	Carbonaceous sltsts and Lignite Gry to Blk
427-430'4"	Mdst Grn, slty Trace Carb
430'4"-432	Lignite + Carbonaceous sltst, Blk to Dk Gry
432-444	slt st, Gry, Carbonaceous, Calcareous Gry, Lt Grn, Lt Gry

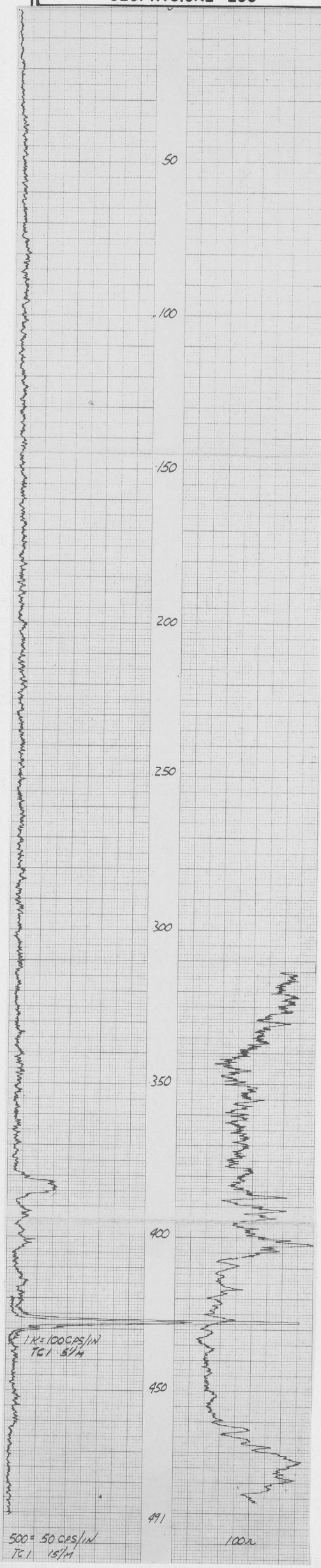
6 feet of core Lost

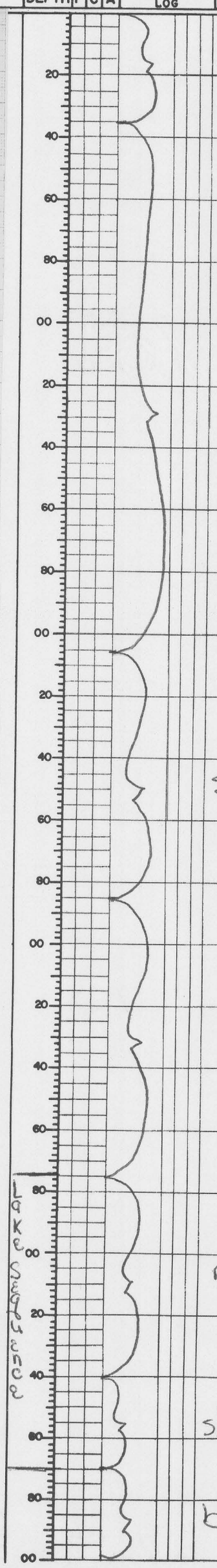
PROJECT Anderson Mine HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. AM 337

ELEVATION 2013 NORTH 1203155.6 EAST 640,994.6 LOGGED BY G.M. DATE 12-6-76

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 500 P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





basalt, gry → black, calcic

MINERALS EXPLORATION CO.

CASPER, WYOMING		HOLE NO.	AM-337
LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 50CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP.	ELEV.	K-FACTOR	5.70 X 10.5
SEC. TWP.	RGE.	DEAD TIME	7.14μ
DATE	DEC. 6, 76	TIME CONSTANT	1
DEPTH DRILLED	500	PROBE DIA.	1 5/8
DEPTH LOGGED	491	CALIPER	
FOOTAGE LOGGED	506	DIRECTIONAL SURVEY	
HOLE DIAMETER	5 5/8	TEMPERATURE	
WATER FACTOR	1.22	OPERATOR	KETTERLING
RESISTIVITY	100 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	935	FLUID LEVEL	
TOP	920	REMARKS:	
TOTAL FEET	15		
SCALE RUN	1K=100CPS/IN		

cngl, tan → buff, Ufg → cngl. calc.

ss/sltstn, mg → fg → Ufg → slt, tan → brn. non calc.

mdstn/sltstn. tan → buff, 10% ss in mdstn matrix calc.

mdstn, olive → grn → tan brnt, sub-calc maybe a trace of carb. material.

sltstn/mdstn, tan → buff non-calc.

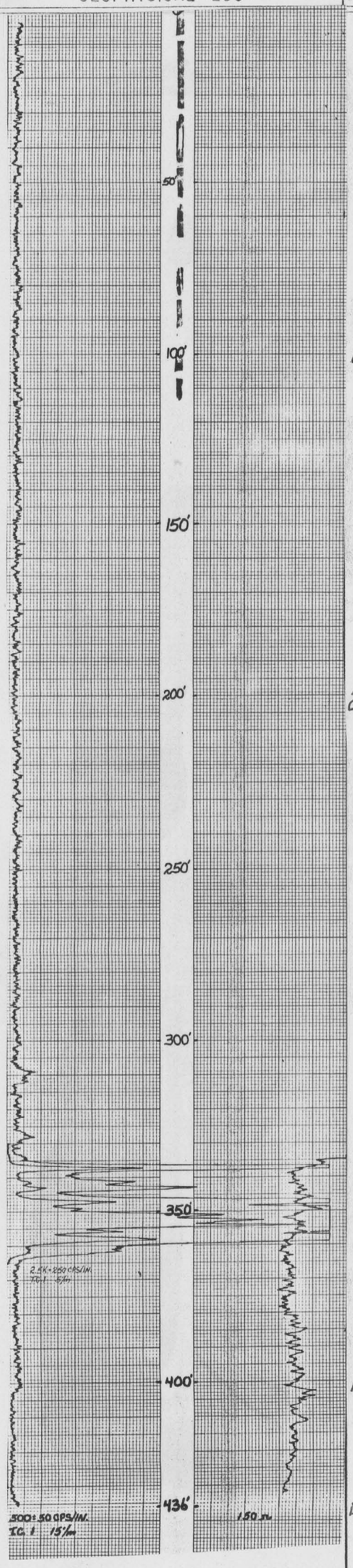
basaltic agglomerated flow

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 338

ELEVATION 1920 NORTH 1,203,023.3 EAST 641,245.5 LOGGED BY CZH DATE 2-14-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 435 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



20
40
60
80
100
20
40
60
80
200
20
40
60
80
00
20
40
60
80
400
20
435
40
60
80

Cgl, V. Crs to Crs, Lt Tan, Granitic + Metamorphic Frags

MINERALS EXPLORATION CO.

CASPER, WYOMING HOLE NO. AM-338

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPS/IN.
COUNTY	Yavapai STATE Ariz.	PROBE TYPE	Scint.
GP. 1,203,023.3N-641,245.5E	ELEV. 1920	K-FACTOR	5.7 10-5
SEC.	TWP. RGE.	DEAD TIME	7.14 μ sec.
		TIME CONSTANT	1
		PROBE DIA.	1 5/8"
DATE	2-14-77	CALIPER	
DEPTH DRILLED	435'	DIRECTIONAL SURVEY	
DEPTH LOGGED	436'	TEMPERATURE	
FOOTAGE LOGGED	476'	OPERATOR	Hudson
HOLE DIAMETER	5 7/8" To 200' 5 3/8" To 436'	DRILLER	Church
WATER FACTOR		CONTRACTOR	Bayless
RESISTIVITY	150 OHMS/METER	LAST A.B.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	365'		
TOP	325'		
TOTAL FEET	40'		

REMARKS:

Sltst, Lt Tan, Sndy

Cgl, Tan, Granitic, Crs

Sltst, Brn, Sndy

Sltst, Grn Tan

Calcareous Tuff, Wht + Intbdd Grn Tan Sltst, Silicified w/ Tan Brn Chert.

Lignite +, Silicified Sltst, Blk + Grn, Yel Brn Chert Calc.

Sltst, Grn Bentonitic w/ silicified Zones, Some Brn Chert, Thin Lignitic Beds? Bentonite, and Thin Calc Tuff Layers, Calcareous

Andesitic Volcanic, Red Brn to Gry Brn with Red spots + Vugs

DIAMOND DRILL LOG

SCALE 1" = 10'
STARTED
STOPPED
NOTES BY K. TAYLOR

DEPTH 330-347
BEARING
INCLINATION

HOLE No. AH 338C
SHEET 1 OF 1
PROPERTY ANDERSON
COUNTY
STATE AZ
COLLAR COORD. N.
E.
COLLAR ELEV.

10/77

ASSAYS			% RECOV.	DEPTH	Graph	COL.	DETAIL	MINERALIZATION	ALTERATION	ROCK TYPE
				300			Note: colors wet angles [illegible] HCl 10%			
				310						
				320						
								NO CORE		
				330			330.2-332 lost core -332-333.7 marl clayey - tuffaceous - light color -333.5 carbonaceous material dk brown cherty bleb -333.7 6" lignite - no HCl rx -334.2-338.8 dk green clayey siltstone, carbonaceous, fossiliferous; -337.4 very clayey -338.4 - - - - poor lithification (4") 338.8-340.4 very carbonaceous 340 1½" poorly lithified lignite			330 mudstone - greyish olive green 5GY 3/2 to yellowish grey 5Y 8/1 marly zones; carbonaceous zones; lignite zone moderate to high HCl rx. moderately to well lithified fossil fragments
				340			340-345 - lost core			
							345 1½" orange brown chert - possibly silicified tuff 345.2-347 carbonaceous zone - 346' bedding 15° well lithified abundant shell (gastropod) frags			347
				347						
				350				NO CORE		
				360						

DIAMOND DRILL LOG

SCALE 1" = 10'
STARTED
STOPPED
NOTES BY R. Sengefusch

DEPTH 330-373.5
BEARING
INCLINATION

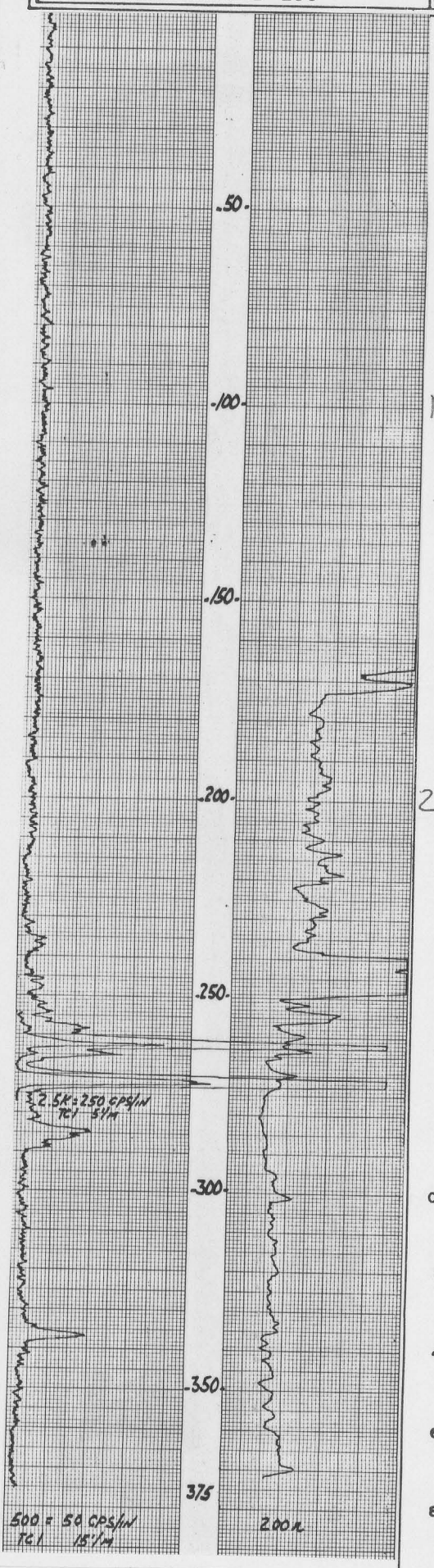
HOLE No. AM 338C
SHEET 1 OF 1
PROPERTY Anderson Mtns
COUNTY
STATE AZ
COLLAR COORD. N.
E.
COLLAR ELEV.

ASSAYS	% RECOV.	DEPTH	Graph	COL.	DETAIL	MINERALIZATION	ALTERATION	ROCK TYPE
					∇ dip angle colors wet. 10% HCl			
		330			330-332 yellowish gray siltstone, abundant muscovite & biotite, calcareous cement and stringers, some moderate to heavy silicification, blebs and vertical xtal lined vugs. Clayey silt-sandstone layer 332-332.5, .5 of heavy silicification calc. siltstone. chert is red and orange.			sil. siltstone, calcareou yellowish gray 5Y 8/1
					333-334 dark green siltstone			5G 2/1 greenish bl
					334-341.5 brn carbonaceous limestone with lignite lenses 2-6" thick, thinly laminated, bedding is often wavy, dip ≈ 20°			carbonaceous lmest light olive gray 5Y 6/1
		340			336.5 1cm layer of fossils, gastropods and shell frags 1mm ave. size.			
					341.5-342 limestone			light olive gray to 6.
					342-344.5 carbonaceous limestone, lignite layer 343-344.5			carbonaceous ls, ls
					344.5-348 dark gray sooty siltstone			carbonaceous siltst and limestone
					348-351 thinly laminated carbonaceous limestone - lignite layers and stringers up to 3" thick. undulating bedding. dip ≈ 10°, 351 contains white ls. blebs, possibly fossils, calcite filled fractures.			brownish gray - blo 5YR 8/1 - N1
		350			351-363.7 dark green siltstone and claystone. 351 contains trace bright blue mineral, abundant muscovite, dark green clay in fractures. Orange Fe oxide type alteration at 358. 354 is calcareous-cement? 359 contains red hematite specks 2% and yellow green clay specks some red & orange chert 363.			siltstone and bentonitic siltston greenish 5G 2/1 black
		360						
					363.7-364 cherty lens - red, white, black chert			
					364-373.5 greenish gray siltstone, trace yellow green clay in spots and fractures. calcareous lens 1" at 364.5, 367.5 increasing hematite spots and red volcanic fragments. Red volcanic clasts have calcite filled feldspar replacement xtals.?			greenish gray siltston 5GY 6/1
		370						
					373.5 End of hole			

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 339

ELEVATION 1853 NORTH 1,203,005.5 EAST 641,602.5 LOGGED BY CZH DATE 1-22-76

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 380 P.D. ____



DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
20					
40					
60					SS, Cgl, Tan to Lt Tan
80					
100					
20					
40					Siltst, Tan, Sndy, Some crs Material
60					
80					
200					Siltst, Grn, Calcareous, w/Thin Ls, Layers, Bentonitic
20					
40					Calcareous Tuff, wht, silicified, Yel Brn Chert
60					Carbonaceous siltst, DK Gry, Lignitic Layers Calcareous
80					
300					Siltst, Grn, Silicified
20					Siltst, Grn, Bentonitic, Some Silicification?
40					Siltst, Red Brn
60					Siltst/Mdst, Grn, Bentonitic
80					Andesitic Volcanics, Red Brn to DK Gry
400					
20					
40					
60					
80					
500					

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE

COUNTY YAVAPAI STATE ARIZONA

GP. 1,203,005.5N 641,602.5E ELEV. 1853

SEC. [redacted] TWP. RGE.

DATE	1-22-77		
DEPTH DRILLED	380		
DEPTH LOGGED	375		
FOOTAGE LOGGED	375		
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	200 OHMS/INCH		
SELF POTENTIAL	M.V./IN.		
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	279		
TOP	259		
TOTAL FEET	20		
SCALE RUN	2.5K=250CPS/IN		

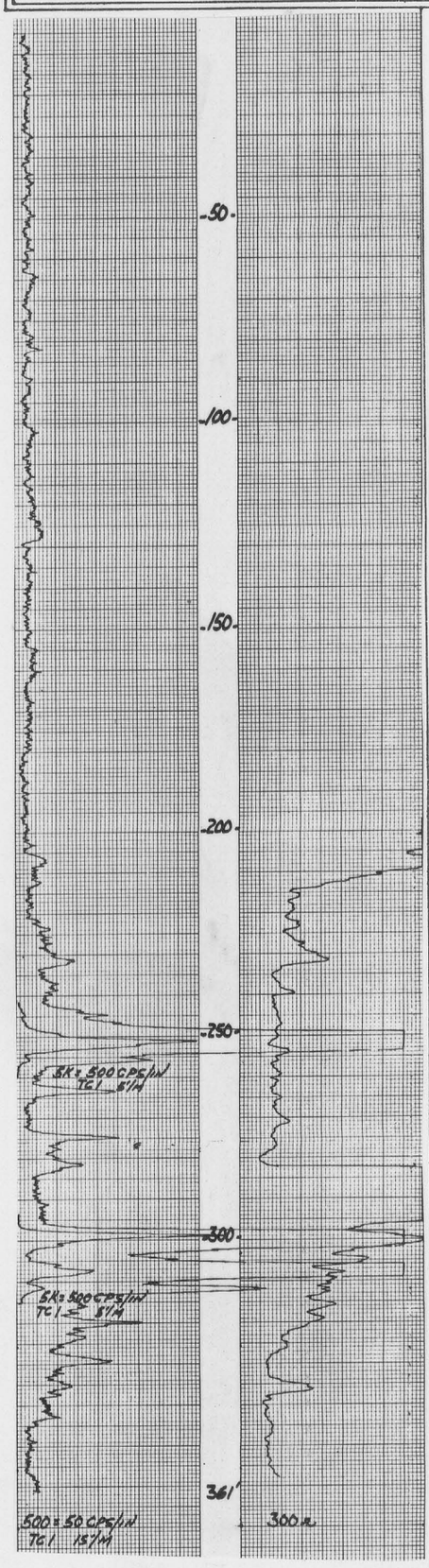
HOLE NO.	AM 339
GAMMA SCALE	500=50CPS/IN
PROBE TYPE	SCINT.
K-FACTOR	5.70X10-5
DEAD TIME	7.1 μs
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KITTERLING
DRILLER	JIM
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

PROJECT Anderson Mine HOLE SIZE _____ ☐ AIR ☑ WATER HOLE NO. AM 340

ELEVATION 1851 NORTH 1,202,979.2 EAST 641,789.8 LOGGED BY CZH DATE 1-23-77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 360 P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



DEPTH: 20, 40, 60, 80, 100, 20, 40, 60, 80, 200, 20, 40, 60, 80, 300, 20, 40, 360, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00

STRIP LOG: Tcgl/ss / Tl; Tl / Tv

LITHOLOGY LOG:
- SS, Cgl, Tan
- SS Cgl, Sltst, Brn
- Sltst, Brn Tan, Sndy
- Sltst Tan Grn Bentonitic w/Thin Intbdd Calc Tuff
- Calcareous Tuff + Grn Sltst, Silicified, Yel Brn Chert,
- Sltst/Mdst, Grn, Bentonitic, Calc
- Sub Carbonaceous, Sltst, DK Grn, Sub-Calc
- Carbonaceous Sltst, DK Gry, Calc
- Calcareous Sltst + Tuffs, Grn Gry to Lt Grn, Silicified upper 10', some Carbonaceous Material, Bentonitic
- Sltst/Mdst, Grn, Bentonitic, Non-Calc
- Carbonaceous Sltst + Lignite, DK Gry to Blk, Calc
- Brn Calc Tuff
- Sltst, Red, W/ Andesitic Volcanic Frags.

MINERALS EXPLORATION CO.

CASPER, WYOMING		HOLE NO.	AM 340
LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 50CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP. 1,202,979.2N 641,789.8E	ELEV. 1851	K-FACTOR	5.70 x 10-5
		DEAD TIME	7.14 μ
SEC. TWP. RGE.		TIME CONSTANT	1
DATE 1-23-77		PROBE DIA.	1 5/8
DEPTH DRILLED 360		CALIPER	
DEPTH LOGGED 361		DIRECTIONAL SURVEY	
FOOTAGE LOGGED 401		TEMPERATURE	
HOLE DIAMETER 5 5/8		OPERATOR	KETTERLING
WATER FACTOR 1.22		DRILLER	JIM
RESISTIVITY 300 OHMS/INCH		CONTRACTOR	UNIVERSAL
SELF POTENTIAL MV./IN.		LAST A.E.C. PIT RUN	
		FLUID LEVEL	

RUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	315	260	
TOP	294	241	
TOTAL FEET	21	19	
SCALE RUN	SK=500CPS/IN	SK=500CPS/IN	

REMARKS: