CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

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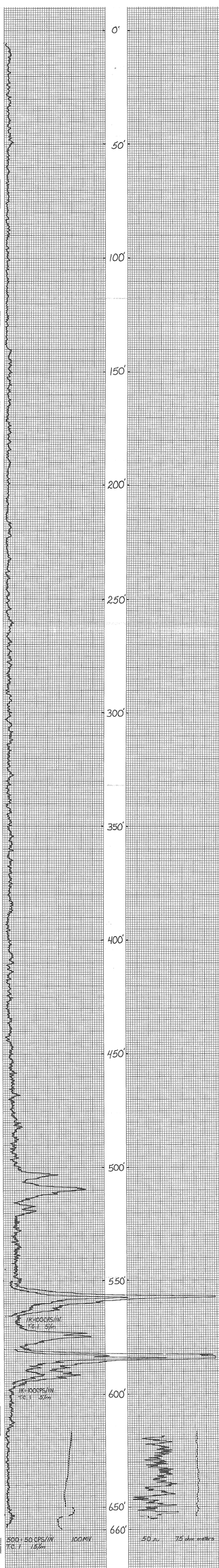
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE		
COUNTY	Yavapai	STATE	ARIZ.
GP. 1202.390.6N-638276.4E ELEV. 1948			
1204 389.06N			
SEC. 34 S43.30E TWP.		RGE.	
DATE	3/29/77		
DEPTH DRILLED	660'		
DEPTH LOGGED	660'		
FOOTAGE LOGGED	690'		
HOLE DIAMETER	5¾" TO 660'		
WATER FACTOR			
RESISTIVITY	50 OHMS/METER 75 ohm meters		
SELF POTENTIAL	100 MV/IN.		
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	595'	565'	
TOP	530'	550'	
TOTAL FEET	15'	15'	
SCALE RUN	1K=100 CPS/IN.	1K=100CPS/IN.	

HOLE NO. AM-451

GAMMA SCALE	500 I 500 CPS
PROBE TYPE	50 OHT.
K-FACTOR	5 x 10⁻⁸
DEAD TIME	7.14 μ sec.
TIME CONSTANT	1
PROBE DIA.	1⅝"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	Jim
CONTRACTOR	Roberts
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



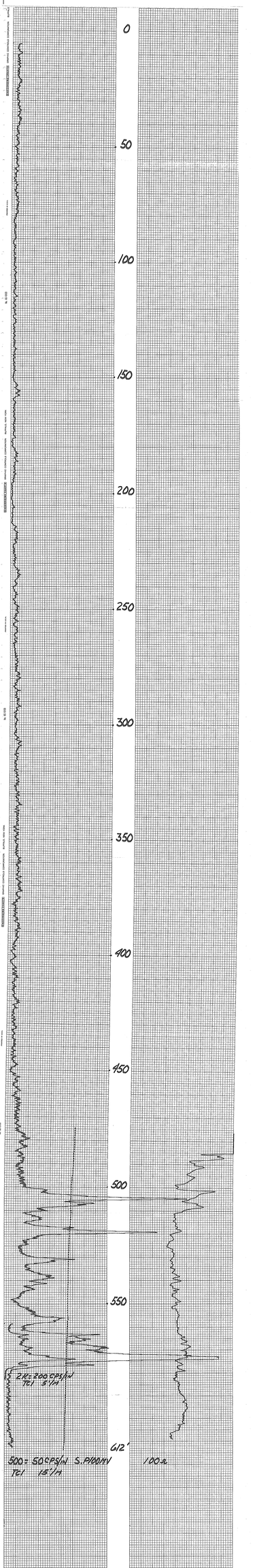
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE
COUNTY	YAVAPAI STATE ARIZONA
GP.	1205036.30
ELEV.	5000
SEC.	24 318 E BWP. RGE.
DATE	4-12-77
DEPTH DRILLED	620
DEPTH LOGGED	612
FOOTAGE LOGGED	637
HOLE DIAMETER	5 5/8
WATER FACTOR	1.22
RESISTIVITY	100 OHMS/INCH
SELF POTENTIAL	100 M.V./IN.

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	528		
TOP	558		
TOTAL FEET	25		
SCALE RUN	2K:200CPS/IN		

HOLE NO.	AM 45
GAMMA SCALE	500=50C
PROBE TYPE	SCINT
K-FACTOR	5.70X10
DEAD TIME	7.19 μ
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETCHUM
DRILLER	JIM
CONTRACTOR	UNIVERS
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



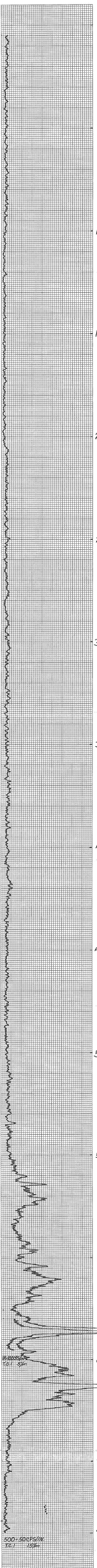
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE	HOLE NO.	AM2-463
COUNTY	YAVAPAI STATE ARIZ.	GAMMA SCALE	500-1000CPS
~~GP. 1202.201.NW 630.201.NE~~ ELEV. 2006		PROBE TYPE	SCINT.
1204.6 FEET FROM		K-FACTOR	5.7^{-3}
SEC. 19-33S. 72 E TWP.	RGE.	DEAD TIME	7.14 usec.
DATE	3/30/77	TIME CONSTANT	1
DEPTH DRILLED	740'	PROBE DIA.	1 3/8"
DEPTH LOGGED	738'	CALIPER	
FOOTAGE LOGGED	750'	DIRECTIONAL SURVEY	
HOLE DIAMETER	8 3/4" to 740'	TEMPERATURE	
WATER FACTOR		OPERATOR	Nielsen
RESISTIVITY	OHMS/INCH	DRILLER	Jim
SELF POTENTIAL	M.V./IN.	CONTRACTOR	Roberts
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	None

	1ST. RUN	2ND. RUN	3RD. RUN
BEGINS			
BOTTOM	645'		
TOP	630'		
TOTAL FEET	15'		
SCALE RUN	1K-1000CPS/IN.		

REMARKS:



MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE		
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	~~[illegible]~~	ELEV.	1954
SEC.	1204.877 FSL 1403.7 FEWL	RGE.	
DATE	8-6-77		
DEPTH DRILLED	620		
DEPTH LOGGED	615		
FOOTAGE LOGGED			
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	100	OHMS/INCH	
SELF POTENTIAL	100	M.V./IN.	

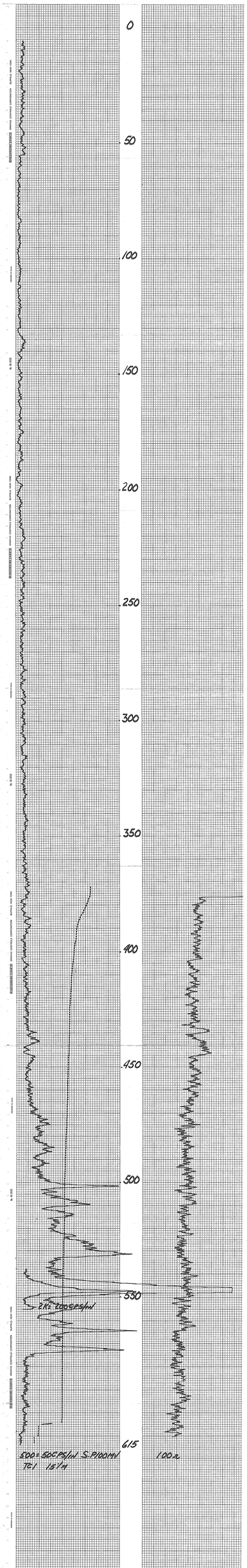
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	580		
TOP	492		
TOTAL FEET	88		
SCALE RUN	EXC 500CPS/IN		

HOLE NO.	AM 4
GAMMA SCALE	500 x 50
PROBE TYPE	SCINT
K-FACTOR	2.05 x.1
DEAD TIME	
TIME CONSTANT	1
PROBE DIA.	
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KEITER
DRILLER	JOE
CONTRACTOR	UNIVER
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE	HOLE NO.	AM 954
		GAMMA SCALE	500=50CPS/in
COUNTY	YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT
GP.	1204377.06N 84 143.74E	ELEV.	K-FACTOR	5.20x10-5
			DEAD TIME	7.18μ
SEC.	TWP.	RGE.	TIME CONSTANT	1
DATE	4.16.77		PROBE DIA.	1 5/8
DEPTH DRILLED	620		CALIPER	
DEPTH LOGGED	615		DIRECTIONAL SURVEY	
FOOTAGE LOGGED	632		TEMPERATURE	
HOLE DIAMETER	5 5/8		OPERATOR	WESTERLING
WATER FACTOR	1.22		DRILLER	JIM
RESISTIVITY	100 OHMS/INCH		CONTRACTOR	UNIVERSAL
SELF POTENTIAL	100 M.V./IN.		LAST A.E.C. PIT RUN	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	FLUID LEVEL	377
BOTTOM	555		REMARKS:
TOP	538		
TOTAL FEET	17		
SCALE RUN	1X=200CPS/in		



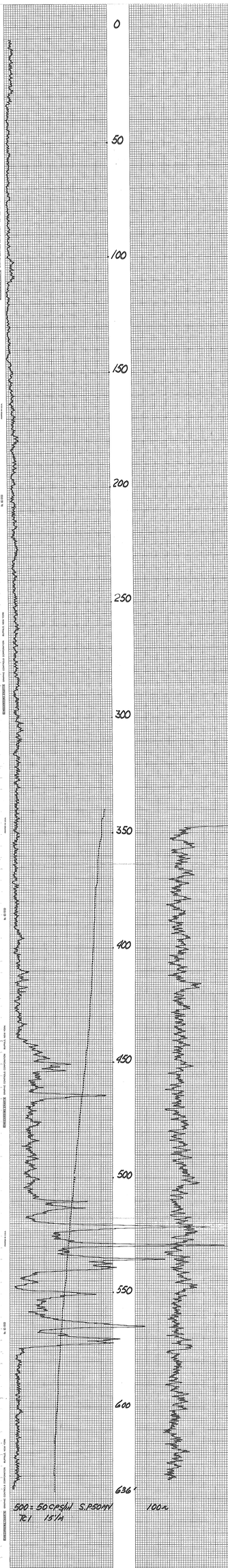
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE		
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	1 202 320 E/N ~~32 692 S/N~~	ELEV.	1930
	1 204 770 E/N ~~83 912 S/N~~		
SEC.		TWP.	RGE.
DATE	4-13-77		
DEPTH DRILLED	655		
DEPTH LOGGED	636		
FOOTAGE LOGGED	636		
HOLE DIAMETER	5		
WATER FACTOR	1.19		
RESISTIVITY	100	OHMS/INCH	
SELF POTENTIAL	50	M.V./IN.	

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

HOLE NO.	DM 455
GAMMA SCALE	500 = 50 CPS
PROBE TYPE	SCINT.
K-FACTOR	5.204 10-5
DEAD TIME	7.18 μ
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	HEATHERLINE
DRILLER	FRIDAY
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



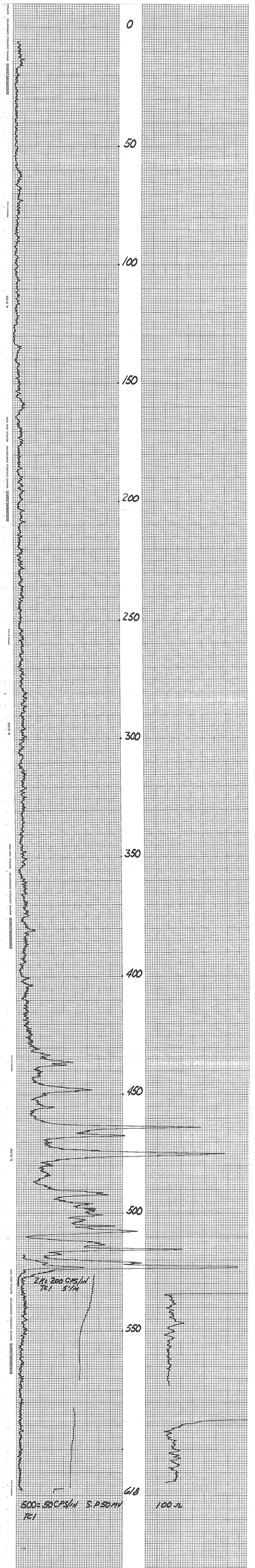
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
GP.	34°34'53"N 112°45'55"W
ELEV.	1907
SEC.	1205'66"OWN 83'990.07'EWN.
RGE.	
DATE	9-13-77
DEPTH DRILLED	620
DEPTH LOGGED	618
FOOTAGE LOGGED	
HOLE DIAMETER	5 5/8
WATER FACTOR	1.22
RESISTIVITY	100 OHMS/INCH
SELF POTENTIAL	50 M.V./IN.

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	531		
TOP	518		
TOTAL FEET	13		
SCALE RUN	2R=200CPS/IN		

HOLE NO.	AM 456
GAMMA SCALE	500=500CPS
PROBE TYPE	SCINT
K-FACTOR	5.70X10-5
DEAD TIME	1.1μsec
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	NETTERLING
DRILLER	JIM
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



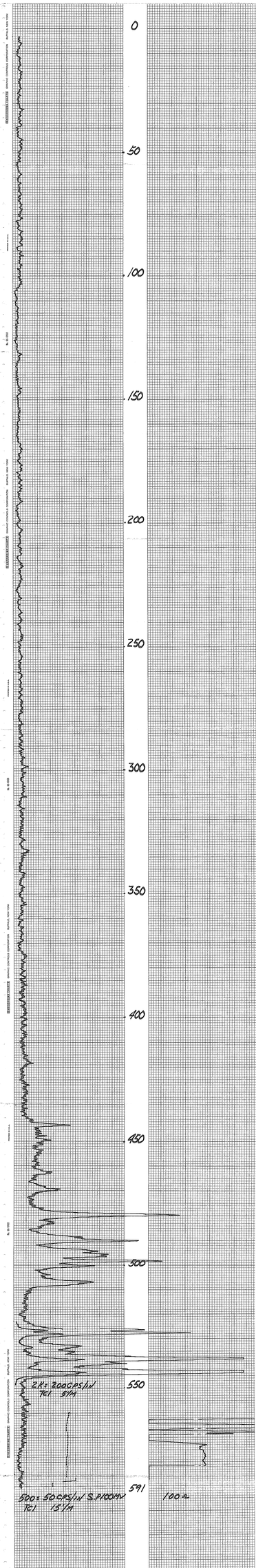
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE	HOLE NO.	AM 457
COUNTY	YAVAPAI	STATE ARIZONA	GAMMA SCALE	500 = 50 CPS
GP.	~~[illegible]~~ 1205075 N&W	ELEV. 1937	PROBE TYPE	SCINT
SEC.	23 T16 24 R8W.	RGE.	K-FACTOR	5.70 x 10-5
DATE	9-18-77	DEAD TIME	7.14 μ
DEPTH DRILLED	620	TIME CONSTANT	1
DEPTH LOGGED	591	PROBE DIA.	1 5/8
FOOTAGE LOGGED	626	CALIPER	
HOLE DIAMETER	5 5/8	DIRECTIONAL SURVEY	
WATER FACTOR	122	TEMPERATURE	
RESISTIVITY	100 OHMS/INCH	OPERATOR	ROTEX/LIVE
SELF POTENTIAL	100 M.V./IN.	DRILLER	JIM
		CONTRACTOR	UNIVERSAL
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	592		
TOP	523		
TOTAL FEET	25		
SCALE RUN	2K=200 CPS/IN		

REMARKS:

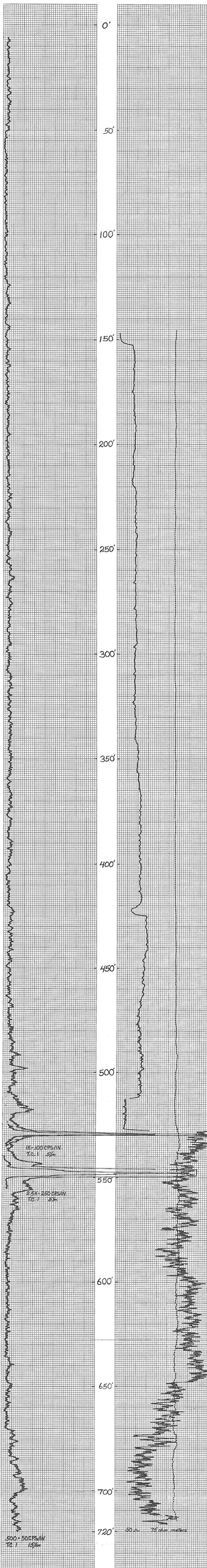


MINERALS EXPLORATION CO.

ASPER, WYOMING

OCATION	ANDERSON MINE		
OUNTY	UINTAH STATE UTAH		
IP.	T20S R19E Sec 4	ELEV. 1967	
	1203 468 9911		
IC.	33 233 3246	RGE.	
ATE	11/8/76		
EPTH DRILLED	760'		
EPTH LOGGED	720'		
OOTAGE LOGGED	715'		
OLE DIAMETER	5⅞" TO 760'		
ATER FACTOR			
ESISTIVITY	50 OHMS/METER 76 ohm meters		
LF POTENTIAL	MV./IN.		
EARS	1ST. RUN	2ND. RUN	3RD. RUN
OTTOM	555	535	
OP	540	525	
OTAL FEET	15	10	
CALE RUN	2.5K=250CPS/IN 1K=100CPS/IN		

HOLE NO.	AM-458
GAMMA SCALE	500=100CPS/IN
PROBE TYPE	SCINT.
K-FACTOR	5.710^{-5}
DEAD TIME	T.H.u.sec.
TIME CONSTANT	1
PROBE DIA.	1⅝"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	HUDSON
DRILLER	FRANK
CONTRACTOR	KADETTE
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



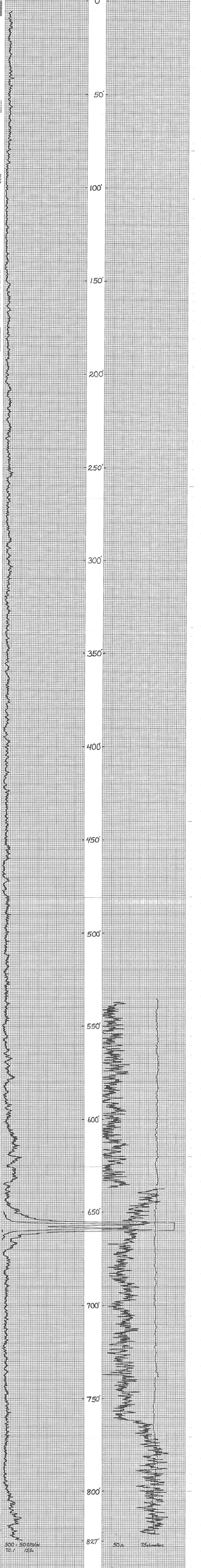
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-459

LOCATION	ANDERSON MINE		
COUNTY	LAVAPAI	STATE ARIZ.	
GP ~~1203704.42 N~~ ~~1332305.76 E~~		ELEV. 2026	
1203074.42 N 1332 257.7 WN			
SEC.		RGE.	
DATE	4/4/77		
DEPTH DRILLED	820'		
DEPTH LOGGED	827'		
FOOTAGE LOGGED	8 42'		
HOLE DIAMETER	5⅞ to 820'		
WATER FACTOR			
RESISTIVITY	50 OHMS/MMM	75 ohm meters	
SELF POTENTIAL	16 M.V.PN.		
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM.	665		
TOP	650		
TOTAL FEET	15		
SCALE RUN	2.5 feet per inch		

GAMMA SCALE	200-1200 P.S.I.H.
PROBE TYPE	Scott
K-FACTOR	8.4 #
DEAD TIME	7.14 μ sec.
TIME CONSTANT	1
PROBE DIA.	1⅝"
CASIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	Pence
CONTRACTOR	Roberts
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS.	



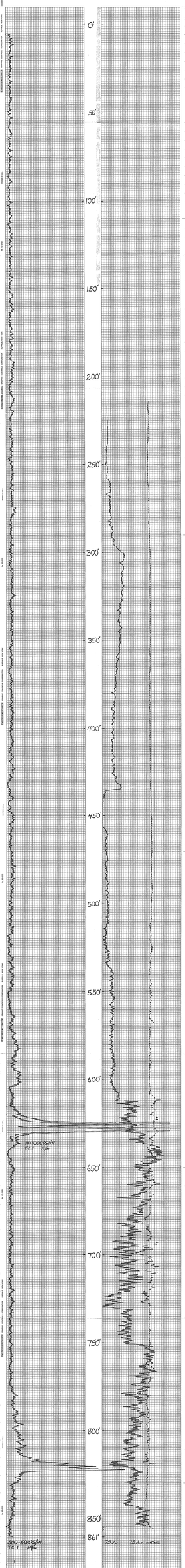
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE		
COUNTY	MOHAVE	STATE	ARIZ.
GP.	1200 551.77 N 637233.0 E	ELEV.	1989
SEC.	1200 528.02 S 73,523.96 W	RGE.	
DATE	8/8/77		
DEPTH DRILLED	860'		
DEPTH LOGGED	861'		
FOOTAGE LOGGED	836		
HOLE DIAMETER	6⅝" to 860'		
WATER FACTOR			
RESISTIVITY	75 OHMS/~~METER~~	75 ohm meters	
SELF POTENTIAL	M.V./M.		
BEGINS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	836		
TOP	620		
TOTAL FEET	16		
SCALE RUN	1X-100CPS/IN.		

HOLE NO. A77-46C

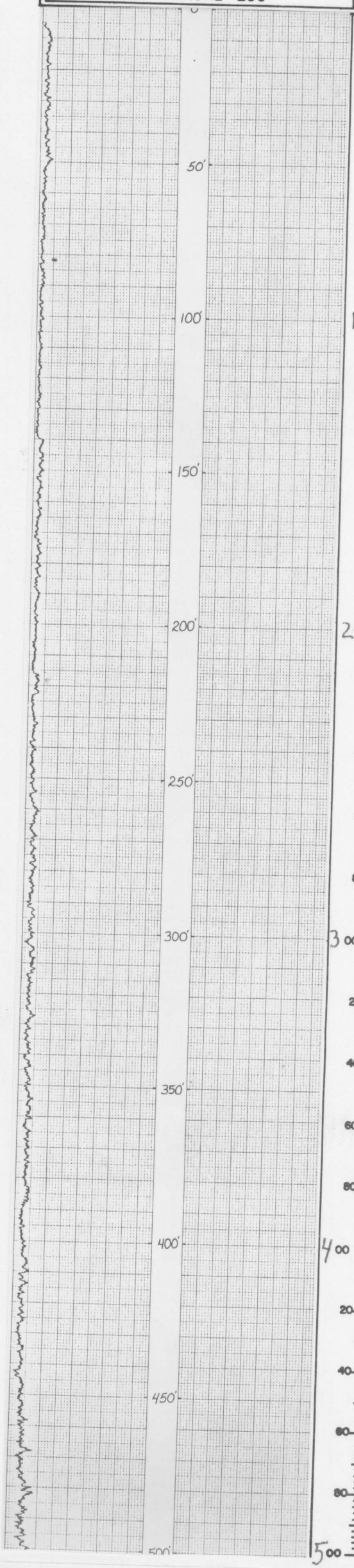
GAMMA SCALE	500-1500CPS/IN
FROSE TYPE	SCINT
K-FACTOR	5.2×10^{-8}
DEAD TIME	7.4 μ sec.
TIME CONSTANT	1
FROSE DIA.	1⅝"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	Frank
CONTRACTOR	Roberts
LAST A.E.C. PT. RUN	
FLUID LEVEL	
REMARKS:	



PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. Am 451

ELEVATION 1948 NORTH 1,202,390.6 EAST 638,216.4 LOGGED BY CZH DATE 3-29-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 660 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					cgl, Lt Tan, Volcanics + Granitics
	40					Sltst, Red Tan to Yel, Tan Volcanics
	60					
	80					Basalt? DK Gry W/Calcite fillings
	100					
	20					
	40					Sltst Red Brn W/Volcanic Frags ~~Bake Zone~~
	60					cgl, Brn, Sndy V. Crs
	80					
	200					cgl, Tan, Granitic
	20					
	40					
	60					
	80					SS, Fine to Med, Slty to V. Slty
	300					
	20					
	40					
	60					Sltst Brn Sndy at Top
	80					
	400					
	20					
	40					
	80	Tcgl-SS				Sltst, Tan
		???				
	80	Ti?				
						Sltst, Tan Grn
	500					

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM451

ELEVATION 1948 **NORTH** 1,202,390.6 **EAST** 638,216.4 **LOGGED BY** CZH **DATE** 3-29-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 660 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Siltst, Tan Grn
	20					
	40					
550'						
	60					Carbonaceous siltst, Gry to DKGry, w/Thin Intbds of Lignite & DKGrn siltst Trace silicification
	80					
600'	600					Lignite + Carb siltst, DKGry to Blk, w/Brn calc Tuff Silicified
	20					Andesitic Volcanics, Red Brn
	40					Lignite + Carb siltst, Blk to DKGry, w/Grn Mdst Silicified
650'						Andesitic Volcanics, Red Brn to Gry Brn
660'	660					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

1K=100CPS/IN T.C. 1 5/m

1K=100CPS/IN T.C. 1 5/m

500:50 CPS/IN T.C. 1 15/m 100MV 50 Ω 75 ohm meters

MINERALS EXPLORATION CO.

CASPER, WYOMING

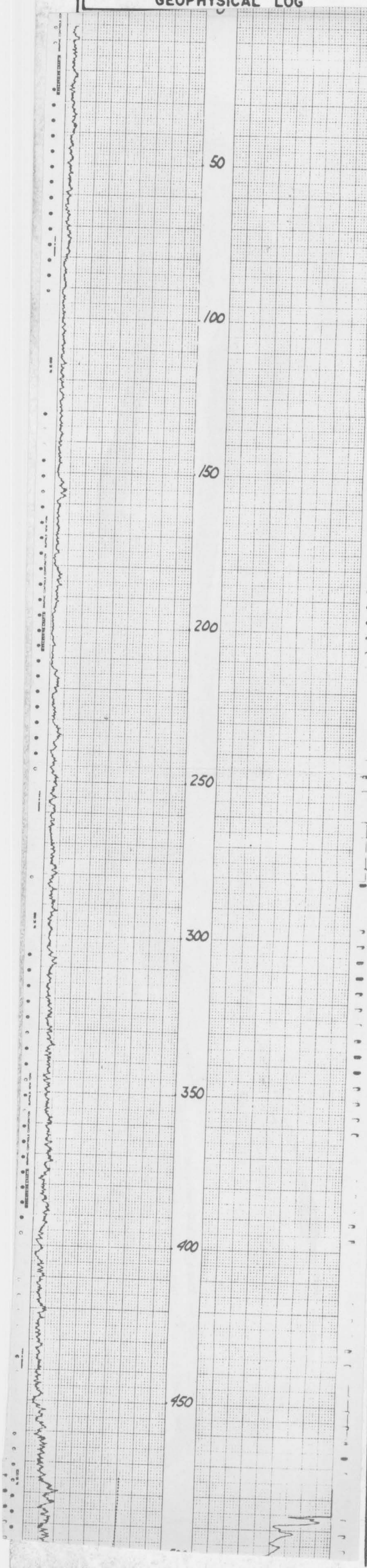
HOLE NO. AM-451

LOCATION	ANDERSON MINE	GAMMA SCALE	500:50CPS/IN.
COUNTY	Yavapai STATE ARIZ.	PROBE TYPE	Scint.
GP. 1202,390.6N-638216.4E ELEV. 1948		K-FACTOR	5.7 10^{-8}
SEC.	TWP. RGE.	DEAD TIME	7.14 μ sec.
DATE	3/29/77	TIME CONSTANT	1
DEPTH DRILLED	660'	PROBE DIA.	1⅝"
DEPTH LOGGED	660'	CALIPER	
FOOTAGE LOGGED	690'	DIRECTIONAL SURVEY	
HOLE DIAMETER	5⅞" to 660'	TEMPERATURE	
WATER FACTOR		OPERATOR	Hudson
RESISTIVITY	50 OHMS/BATT. 75 ohm meters	DRILLER	Jim
SELF POTENTIAL	100 M.V./BAT.	CONTRACTOR	Roberts
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	LAST A.E.C. PIT RUN	
BOTTOM	595' / 565'	FLUID LEVEL	
TOP	580' / 550'	REMARKS:	
TOTAL FEET	15' / 15'		
SCALE RUN	1K=100CPS/IN. / 1K=100CPS/IN.		

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 452

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CZH DATE 4-12-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 620 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						

Cgl, Tan to Gry w/ Volcanic + Granitic Pebs

Volcanics (Sltst?) Red brn

Basalt, Gry to Blk

Cgl, Red Brn, Bake Zone

Cgl Lt Tan to Wht, Granitic, Caliche Throughout + calcite cmt.

Sltst Red Brn w/ Granitic Pebs

Sltst, Grn Tan, Sndy

Sltst, Sndy, Tan

Sltst, Red Brn, Sndy

Sltst/SS, Sndy to V. Sndy, Tan Brn to Brn

Sltst Tan to Grn Tan

Sltst, Tan, Grn to Pale Grn, Bentonitic

PROJECT Anderson Mine

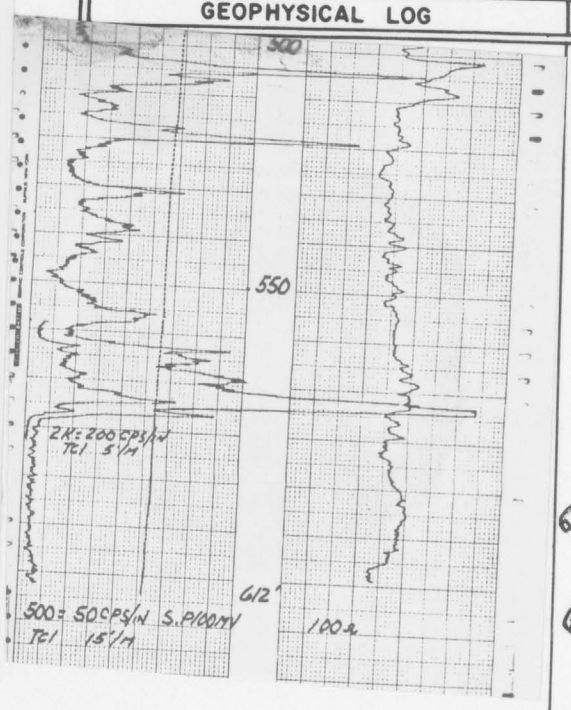
HOLE SIZE _____ ☐ AIR ☑ WATER

HOLE NO. AM 452

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY CZH DATE 4-12-77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 620 P.D. _____

GEOPHYSICAL LOG



DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
					sltst, Tan Grn to Pale Grn, Bentonitic
20					silicified sltst, Gry Grn, w/Grn Sub Chert
					sltst, Grn, Bentonitic
40					silicified sltst, Gry Grn, w/ Intbdd Gry Carb sltst, and Grn Sub Chert
60					
80					Carbonaceous sltst + Lignite, Gry to Blk, Silicified, w/ Intbdd Grn sltst + Brn Calc Tuff or LS, Calcareous
600					sltst Red Brn Trace Red Brn Andesitic Volcanics
620					sltst Red Brn w/ Andesitic Volcanics Red Brn to Gry Brn
40					
60					
80					
00					
20					
40					
60					
80					
00					
20					
40					
60					
80					
00					
20					
40					
60					
80					
00					

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 452

LOCATION	ANDERSEN MINE	GAMMA SCALE	500 = 50 CPS/IN
COUNTY	YAVAPAI	PROBE TYPE	SCINT
STATE	ARIZONA	K-FACTOR	5.70 x 10-5
GP.	1202 373 9W 637,988 OE	DEAD TIME	7.19 m
ELEV.	2000	TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	4-12-77	CALIPER	
DEPTH DRILLED	620	DIRECTIONAL SURVEY	
DEPTH LOGGED	612	TEMPERATURE	
FOOTAGE LOGGED	637	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	100 M.V./IN.	FLUID LEVEL	

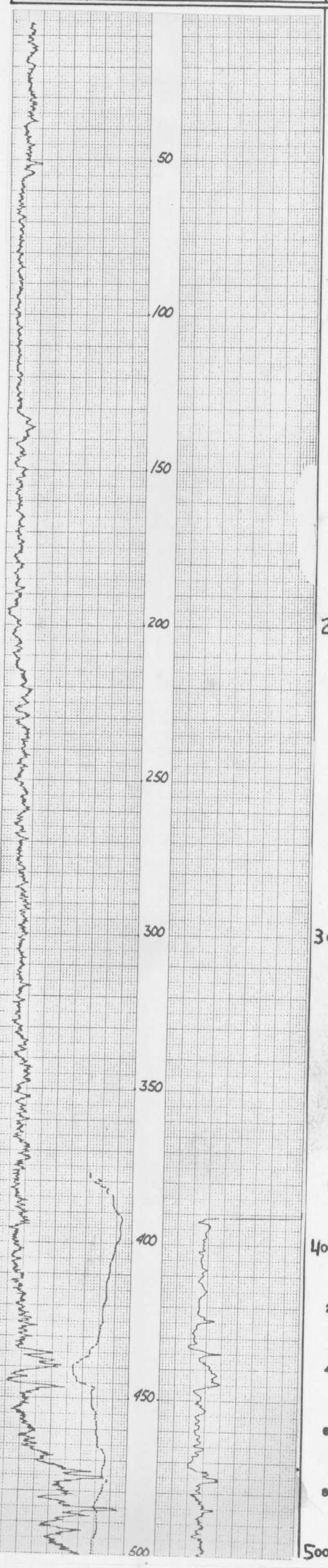
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	583		
TOP	558		
TOTAL FEET	25		

REMARKS:

PROJECT Anderson Mine HOLE SIZE _____ ☐ AIR ☑ WATER HOLE NO. AM45H

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY CZH DATE 4-11-77

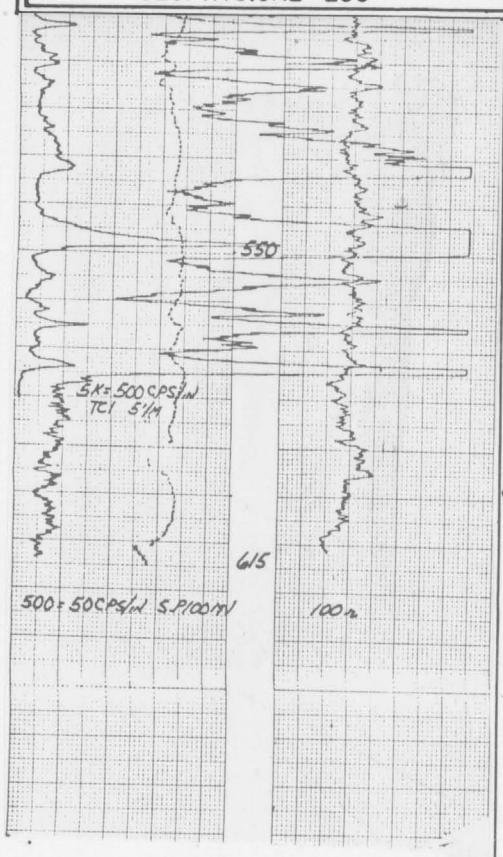
SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 620 P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					Cgl, Tan to Lt Tan, Volcanic + Granitic Pebs and Boulders
	40					
	60					
	80					Basalt DK Gry to Blk w/Red Orange Weathered Olivine
	100					
	20					
	40					SS, Red Brn to Orange, Slty, Bake Zone
						SS, Yel Tan, Fine, Slty
	60					
	80					SS Cgl, LT Tan, Crs to Fine, Slty
	200					
	20					SS, Tan, Slty, Fine to Med
	40					
	60					
	80					SS Cgl, Brn to Tan Brn, Slty, Med to Fine
	300					
	20					
	40					
	60					SS, Tan Brn, Slty, Fine to Crs
	80					
	400					Sltst, V. Sndy to Sndy, Tan Brn
	20					
	40					Sltst, Grn, Silicified
						Wht Calc Tuff or Ls, w/ Red Brn Chert
	60					Sltst, Brn Grn, w/ Trace Wht Calc Tuff, Bentonitic
	80					Silicified Sltst, Grn, w/ Grn Sub Chert + Red Brn Chert and Intbdd Wht to Gry Wht Bentonite layers
	500					

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM454

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** C ZH **DATE** 4-11-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 620 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Siltst, Brn to Grn, Silicified w/ Red Brn Mottled Chert
	20					
						Carbonaceous siltst + Intbdd DK Grn siltst w/ Thin Intbdd Lignitic Layers, Silicified w/ Brn + Yel Brn Chert, Calcareous
	40					
						Lignite + Carbonaceous siltst, Blk, Silicified Calcareous w/ Intbdd Grn siltst/Mdst
	60					siltst/Mdst, Grn, Carbonaceous
						Carbonaceous siltst + Lignite DK Gry to Blk w/ Brn Calc Tuff or Ls, Calcareous, Silicified
	80					
						siltst, Brn, Sndy
	600					siltst Red Brn Sndy Trace Volcanic Frags
						siltst, Red Brn, + Andesitic Volcanic Frags, Red Brn to Gry Brn
	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

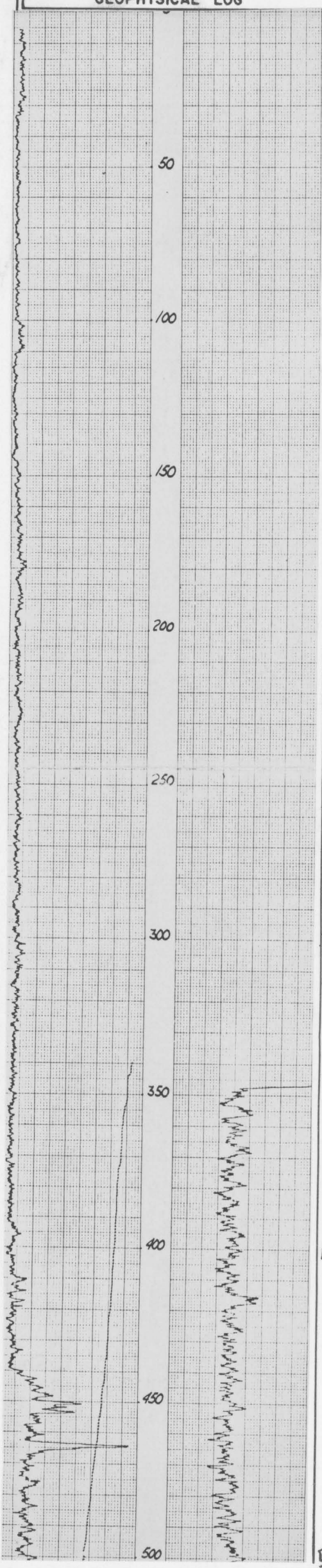
LOCATION	ANDERSEN MINE	HOLE NO.	AM 454
COUNTY	YAVAPAI	STATE ARIZONA	GAMMA SCALE	500=50CPS/IN
GP.	120 41'12 2N 637.814 7E	ELEV. 1954	PROBE TYPE	SCINT.
SEC.	TWP.	ROB.	K-FACTOR	.05
			DEAD TIME	
			TIME CONSTANT	1
			PROBE DIA.	
			CALIPER	
			DIRECTIONAL SURVEY	NH
			TEMPERATURE	
			OPERATOR	KETTERLINE
			DRILLER	JIM
			CONTRACTOR	UNIVERSAL
			LAST A.E.C. PIT RUN	
			FLUID LEVEL	
			REMARKS:	

DATE	4-11-77		
DEPTH DRILLED	620		
DEPTH LOGGED	615		
FOOTAGE LOGGED			
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	100 OHMS/INCH		
SELF POTENTIAL	100 M.V./IN.		
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	580		
TOP	492		
TOTAL FEET	88		
SCALE RUN	S.P.= 5000 CPS/IN		

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM455

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CZH DATE 4-13-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 645 P.D. ____



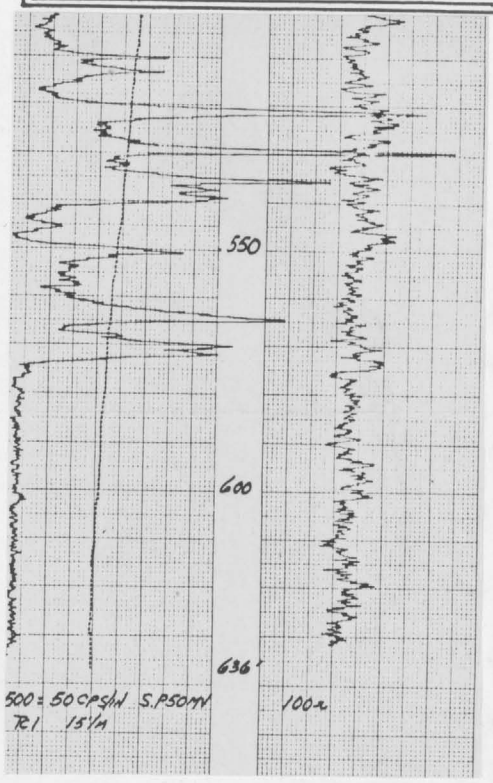
DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
0–80					Cgl, Tan Volcanic + Granitic Pebb + Boulders
80–100					Basalt, DK Gry to Blk
100–120					Cgl, Red Brn, Slty, Bake Zone
120–200					Cgl, LT Tan, Caliche cmtd, Granitic
200–300					SS, Tan to Brn, Slty to V. Slty, Fine to Crs Granitic
300–380					Sltst, Grn, [illegible], Sndy, Bentonitic
380–400					Sltst Grn + Wh + Calc Tuff or Ls Calcareous silicified w/ Red Brn + Yel Brn Chert
400–420					Sltst, Grn, Bentonitic
420–500					Sltst, Grn, + silicified Sltst, Gry Grn, w/ Red Brn + mottled Brn chert

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 455

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CZH DATE 4-13-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 645 P.D. ____

GEOPHYSICAL LOG



DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
					Sltst, Grn, + Silicified Sltst, Gry Grn W/ Red Brn and Brn mottled Chert
20					Carbonaceous Sltst, Gry, Trace silicification
					Silicified Sltst, Gry Grn W/ Yel Brn Chert
40					
60					Carbonaceous Sltst + Lignite, Gry to Blk, Silicified, Lower 20' Sndy,
80					
600					
					Intbdd Red Sltst, + Red Tan SS, Crs to Med, Arkosic
20					
					SS, W/ Andesitic Volcanic Frags, Red Brn
40					Sltst Red Brn W/ Andesitic Volcanic Frags Red Brn
60					
80					
00					
20					
40					
60					
80					
00					
20					
40					
60					
80					
00					
20					
40					
60					
80					
00					
20					
40					
60					
80					
00					

MINERALS EXPLORATION CO.

CASPER, WYOMING

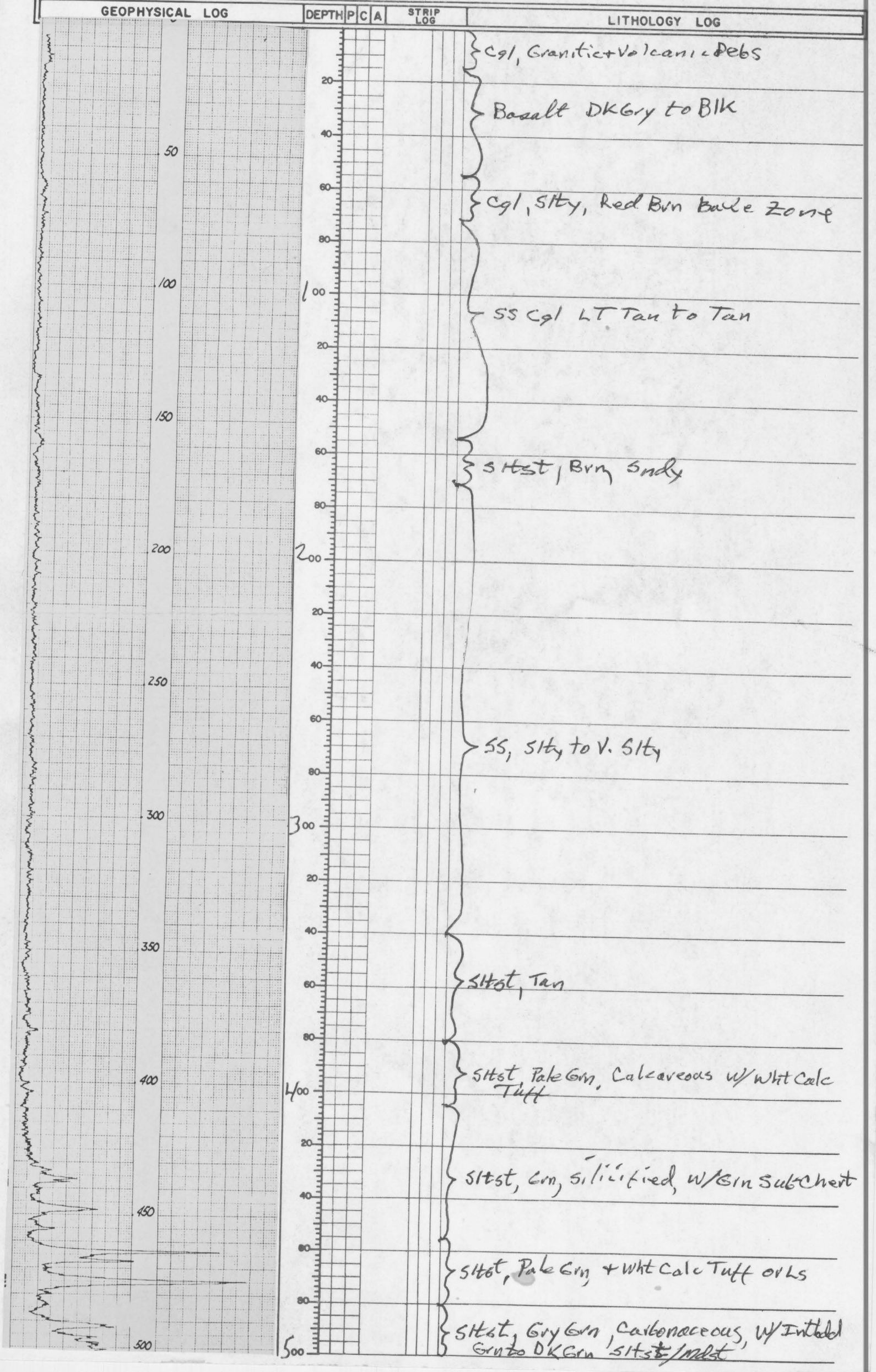
HOLE NO. AM 455

LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 50 CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP. 1,202,300 S N 637,586.8 E	ELEV. 1930	K-FACTOR	5.70 x 10^-5
		DEAD TIME	7.14 m
SEC.	TWP. RGE.	TIME CONSTANT	1
DATE	4-13-77	PROBE DIA.	1 5/8
DEPTH DRILLED	645	CALIPER	
DEPTH LOGGED	636	DIRECTIONAL SURVEY	
FOOTAGE LOGGED	636	TEMPERATURE	
HOLE DIAMETER	5	OPERATOR	KETTERLING
WATER FACTOR	1.19	DRILLER	FREDDY
RESISTIVITY	100 OHMS/INCH	CONTRACTOR	UNIVERSAL
SELF POTENTIAL	50 M.V./IN.	LAST A.E.C. PIT RUN	
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	FLUID LEVEL	
BOTTOM		REMARKS:	
TOP			
TOTAL FEET			

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM456

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CZH DATE 4-13-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 620 P.D. ____

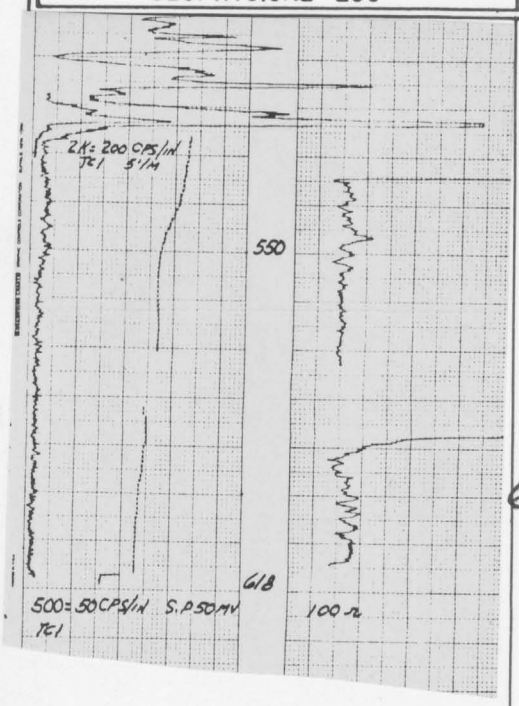


PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. Am 456

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CZH DATE 4-13-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 620 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Carbonaceous sltst + Lignite, Gry to Blk, Trace Brn Calc Tuff orbs, Intbdd Grn Mdst, Calcareous, silicified

sltst Red Brn
carb sltst

sltst Brn to Red Brn Trace Andesitic Volcanics at Base

sltst Red Brn Andesitic Volcanics

MINERALS EXPLORATION CO.

CASPER, WYOMING HOLE NO. AM 456

LOCATION	ANDERSEN MINE	GAMMA SCALE	500=50CPS/IN
COUNTY	YAVAPAI STATE ARIZONA	PROBE TYPE	SCINT
GP.	1202 595.5N 637 658.8E ELEV. 1907	K-FACTOR	5.70X10-5
		DEAD TIME	7.14 μ
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1 5/8
DATE	4-13-77	CALIPER	
DEPTH DRILLED	620	DIRECTIONAL SURVEY	
DEPTH LOGGED	618	TEMPERATURE	
FOOTAGE LOGGED		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	50 M.V./IN.	FLUID LEVEL	

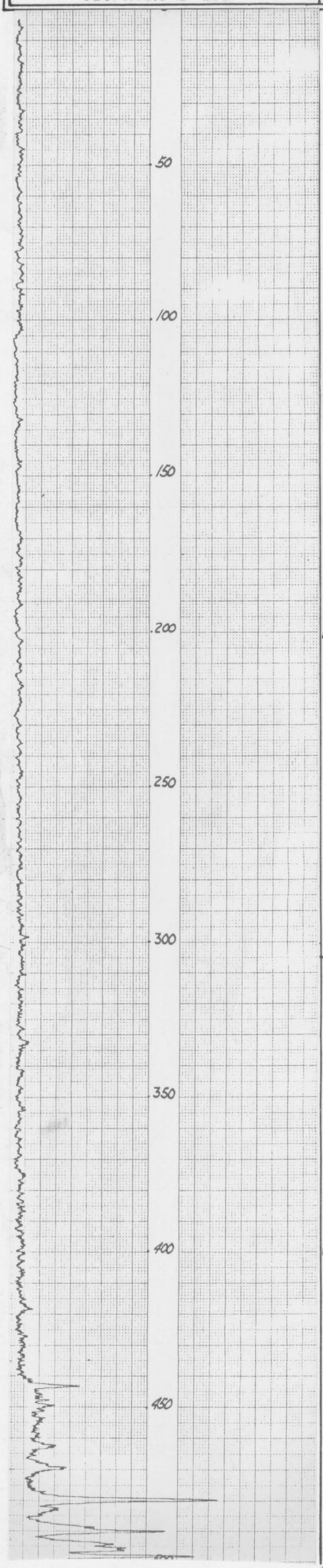
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	531		
TOP	518		
TOTAL FEET	13		

REMARKS:

PROJECT Anderson Mine HOLE SIZE _____ ☐ AIR ☑ WATER HOLE NO. AM457

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY CZH DATE 4-14-77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 640 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
300
20
40
60
80
400
20
40
60
80
500

Cgl, Crs Boulders, Sndy Matrix, Tan to Gry Tan Volcanic + Granitic. Pebs + Boulders

Basalt ??? Frags + Granitic

SS Cgl, LT Tan to Tan Granitic

SS, silty to V. Silty, Tan to Red Brn, Fine to Med,

Red Brn

Siltst, V. Sndy to Sndy, Tan to Tan Brn

Siltst, Grn, Bentonitic

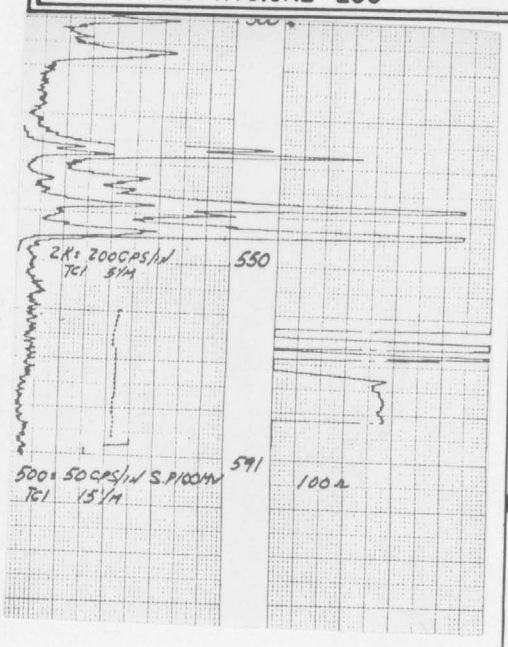
Silicified Siltst, Gry Grn, w/ wht calc Tuff or ls, Intbdd Grn Mdst, Gry Grn to Grn Sub Chert + Red Brn Chert

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM457

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CZH DATE 4-14-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 640 P.D. ____

GEOPHYSICAL LOG



DEPTH | P | C | A | STRIP LOG

LITHOLOGY LOG

Silicified Sltst, Gry Grn, w/Wht Calc Tuff or LS, Intbdd Grn Mdst, Gry Grn to Grn Sub-Chert and Red Brn Chert.

Carbonaceous sltst + Lignite, Gry to Blk Silicified w/Brn Calc Tuff or LS, Calcareous

Intbdd Red sltst, Carb Sltst + Red Tan SS, Gry Red

SS + Sltst Red Brn w/ Red Brn Andesitic Volcanic Frags

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 457

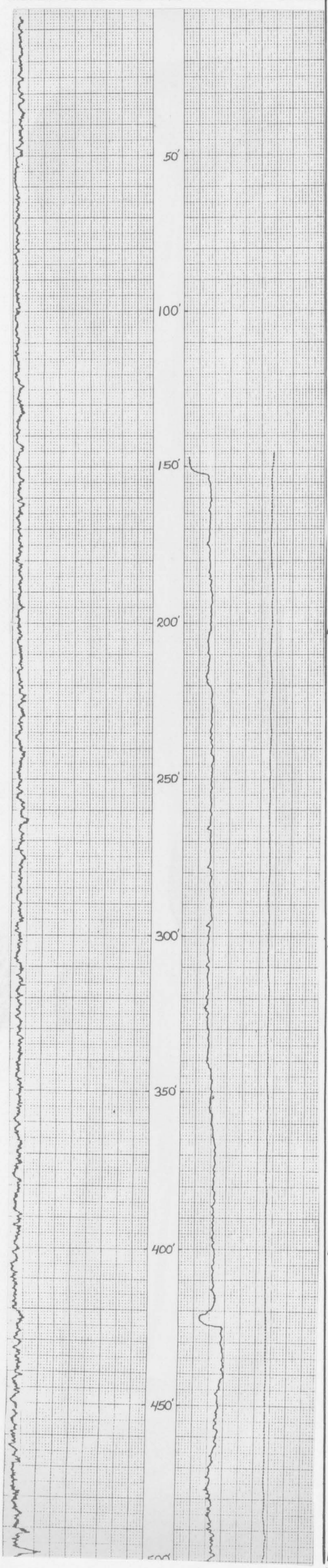
LOCATION	ANDERSON MINE	GAMMA SCALE	500 = 50CPS/IN
COUNTY	YAVAPAI STATE ARIZONA	PROBE TYPE	SCINT
GP.	1202 602 3 AM / 137 385 1 E ELEV. 1937	K-FACTOR	5.70 x 10-5
SEC.	TWP. RGE.	DEAD TIME	7.14
DATE	4-14-77	TIME CONSTANT	1
DEPTH DRILLED	640	PROBE DIA.	1 5/8
DEPTH LOGGED	591	CALIPER	
FOOTAGE LOGGED	626	DIRECTIONAL SURVEY	
HOLE DIAMETER	5 5/8	TEMPERATURE	
WATER FACTOR	1.22	OPERATOR	KETTERLING
RESISTIVITY	100 OHMS/INCH	DRILLER	JIM
SELF POTENTIAL	100 M.V./IN.	CONTRACTOR	UNIVERSAL
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	LAST A.E.C. PIT RUN	
BOTTOM	548	FLUID LEVEL	
TOP	523	REMARKS:	
TOTAL FEET	25		
SCALE RUN	2K=200CPS/IN		

PROJECT Anderson Mine **HOLE SIZE** ____ ☐ AIR ☑ WATER **HOLE NO.** AM 458

ELEVATION ____ **NORTH** ____ **EAST** ____ **LOGGED BY** CZH **DATE** 4-5-77

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 760 **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, 60, 80, 400, 20, 40, 60, 80, 500

LITHOLOGY LOG:

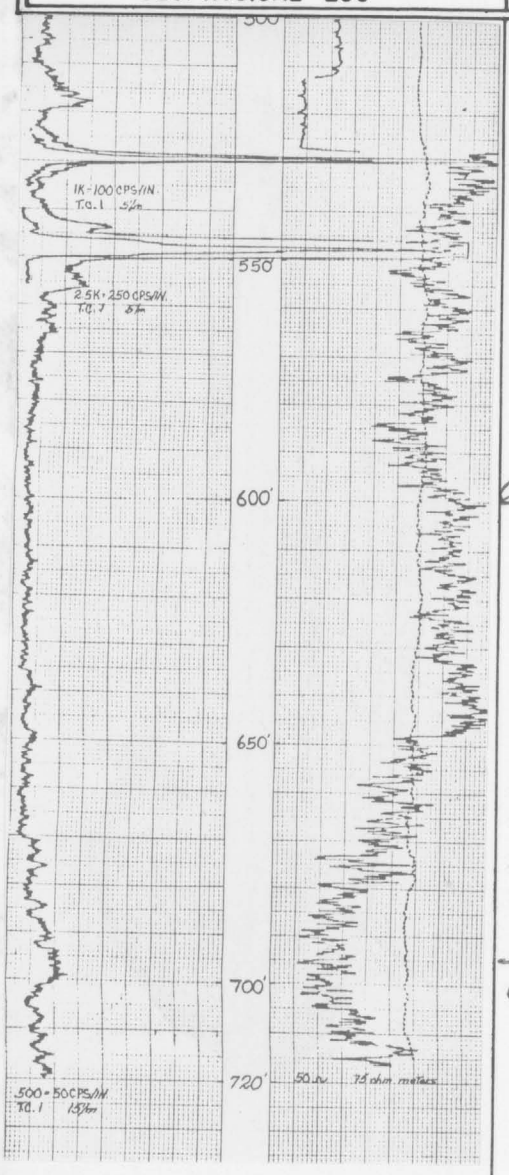
- Cgl, Tan to LT Tan Crs Granitic and Volcanic Pebs
- Basalt Dk Gry to Blk
- Volcanic Frags
- Cgl, LT Tan, Granitic
- SS, Tan, Slty Fine to Med,
- Cgl, Tan to Lt Tan, Granitic
- Sltst, Brn to Tan, Sndy, Some Crs Pebs
- Sltst Grn Tan to Grn
- Sltst, Intbdd, Red + Grn
- Sltst, Grn to Pale Grn, Bentonitic, Trace Silicification, Trace Wht Calc. Tuff

PROJECT Anderson Mine **HOLE SIZE** ____ ☐ AIR ☑ WATER **HOLE NO.** AM458

ELEVATION ____ **NORTH** ____ **EAST** ____ **LOGGED BY** CZH **DATE** 4-5-77

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 760 **P.D.** ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Depth scale: 20, 40, 60, 80, 600, 20, 40, 60, 80, 700, 20, 40, 760, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00

Lithology log:

- Siltst, Grn to Pale Grn, Bentonitic, Trace silicification, Trace wht Calc Tuff
- Siltst, Grn, w/ Intbdd Grn Tan to Red Tan SS
- SS, Tan to Red Tan, Med to Crs, Sub Ang, Arkosic w/ Intbdd Red + Grn siltst
- Red siltst
- 60% Grn siltst
- 80% Grn siltst
- Red Siltst + Andesitic Volcanics, Red Brn

MINERALS EXPLORATION CO.

CASPER, WYOMING — HOLE NO. AM-458

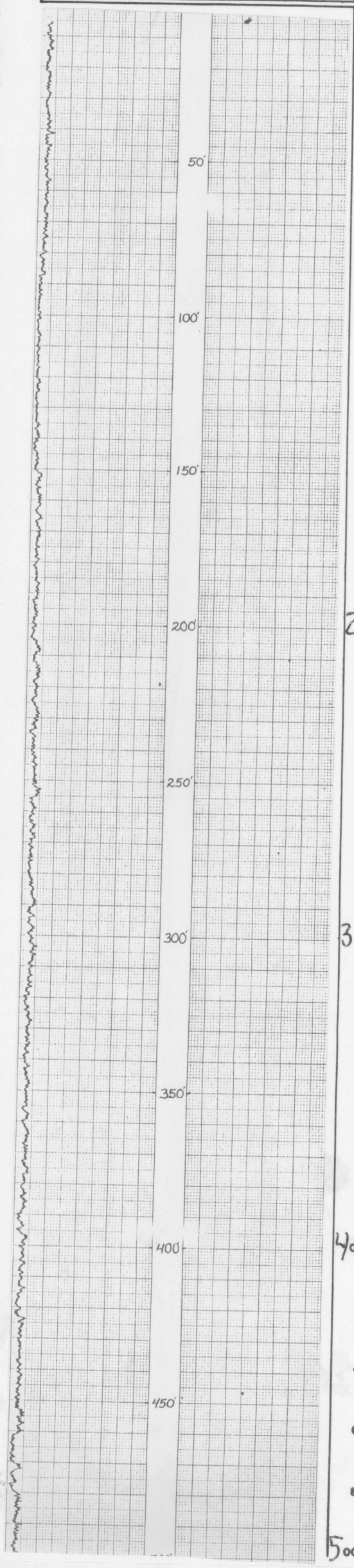
LOCATION	ANDERSON MINE	GAMMA SCALE	500=50 CPS/IN.
COUNTY	Yavapai STATE ARIZ.	PROBE TYPE	Scint.
GP.	1,200, 99.3 SN 631, 230.5E ELEV. 1967	K-FACTOR	$5.7 \cdot 10^{-5}$
		DEAD TIME	7.14 μ sec.
SEC.	TWP. RGE.	TIME CONSTANT	1
DATE	4/5/76	PROBE DIA.	1⅝"
DEPTH DRILLED	760'	CALIPER	
DEPTH LOGGED	720'	DIRECTIONAL SURVEY	
FOOTAGE LOGGED	745'	TEMPERATURE	
HOLE DIAMETER	5⅝" to 760'	OPERATOR	Hudson
WATER FACTOR		DRILLER	Frank
RESISTIVITY	50 OHMS/MM 75 ohm meters	CONTRACTOR	Roberts
SELF POTENTIAL	M.V./IN.	LAST A.E.C. PIT RUN	
		FLUID LEVEL	
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	REMARKS:	
BOTTOM	555 / 535		
TOP	540 / 525		
TOTAL FEET	15 / 10		
SCALE RUN	2.5K-250 CPS/IN. / 1K-100 CPS/IN.		

Page 1 of 2

PROJECT Anderson Mine HOLE SIZE _____ ☐ AIR ☑ WATER HOLE NO. Am 459

ELEVATION 2026 NORTH 1,200,597.6 EAST 637,206.9 LOGGED BY CZH DATE 4-4-77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 820 P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						

Cgl, Tan to Gry Tan, Volcanic + Granitic Pebs Crs

Basalt, Gry to Blk

Volcanic Frags Abnt

Cgl, Red Brn, Bake Zone, Granitic

Cgl, crs, Granitic, Tan

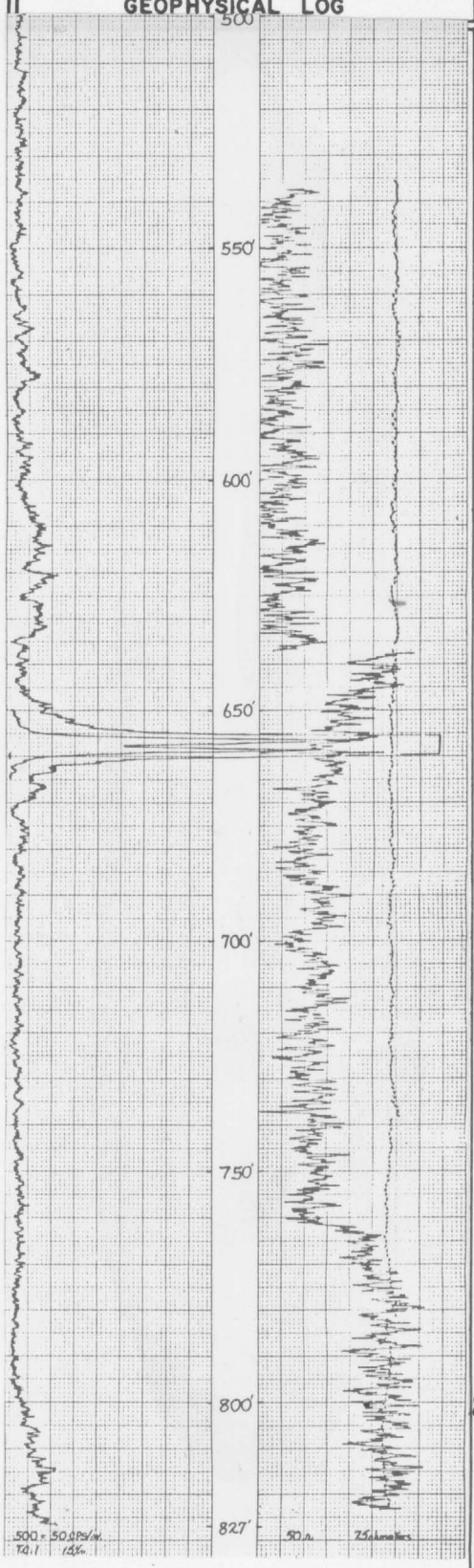
sltst, Tan to DK Tan, sndy to V. Sndy

sltst, ~~tan~~ Tan Grn to Grn w/ wht Calc Tuff or bs upper portion

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM459

ELEVATION 2026 NORTH 1,200,597.6 EAST 637,206.9 LOGGED BY CZH DATE 4-4-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 820 P.D. ____



DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
					Sltst, Tan Grn to Grn, w/Wht Calc Tuff or Ls in upper portion
20					
40					Sltst, Grn to Pale Grn, Bentonitic w/ Intbdd Wht Calc Tuff or Ls, Calcareous Trace silicification
60					
					Sltst, Grn, Bentonitic
80					
600					Sltst, Grn, silicified
20					
					Lignite + Carbonaceous sltst, Blk to Dk Gry, Trace Silicified Calcareous
40					
					Carbonaceous sltst + Grn sltst, Grn to Gry Grn, Trace Silicification
60					
					Sltst, Grn, Bentonitic
80					
					Sltst, Tan Grn, Thin Intbdd SS?
700					
					Sltst Pale Grn to Grn w/ Wht calc Tuff or Ls.
20					
40					Intbdd Grn Sltst + Tan to Red Tan SS, Med to Crs Granitic, Sub-Ang to Sub-Rnd, Poor Sorting
60					
80					Intbdd Red Brn Sltst + Tan to Red Tan SS, As Above
800					Intbdd Grn Sltst + Tan SS, As Above
820					Intbdd Red Sltst + Tan SS
					Hole Not Bottomed
40					15W Rig Pump would not push water column up hole lot of water
60					
80					
00					
20					
40					
60					
80					
00					

MINERALS EXPLORATION CO.

CASPER, WYOMING HOLE NO. AM-459

LOCATION	ANDERSON MINE	GAMMA SCALE	500 = 50 CPS/in.
COUNTY	Yavapai STATE Ariz.	PROBE TYPE	Scint.
GP. 1,200,597.6N-637,206.9E ELEV. 2026		K-FACTOR	5.7
		DEAD TIME	7.14 μ sec.
SEC.	TWP. RGE.	TIME CONSTANT	1
DATE	4/4/77	PROBE DIA.	1 1/4"
DEPTH DRILLED	820'	CALIPER	
DEPTH LOGGED	827'	DIRECTIONAL SURVEY	
FOOTAGE LOGGED	842'	TEMPERATURE	
HOLE DIAMETER	5 5/8" To 820'	OPERATOR	Hudson
WATER FACTOR		DRILLER	Frank
RESISTIVITY	50 OHMS/[illegible] 75 ohm meters	CONTRACTOR	Roberts
SELF POTENTIAL	M.V./IN.	LAST A.E.C. PIT RUN	
		FLUID LEVEL	
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	REMARKS:	
BOTTOM	665		
TOP	650		
TOTAL FEET	15		