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

The following file is part of the Anderson Mine Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

Mineral Exploration
Denver, Colo.

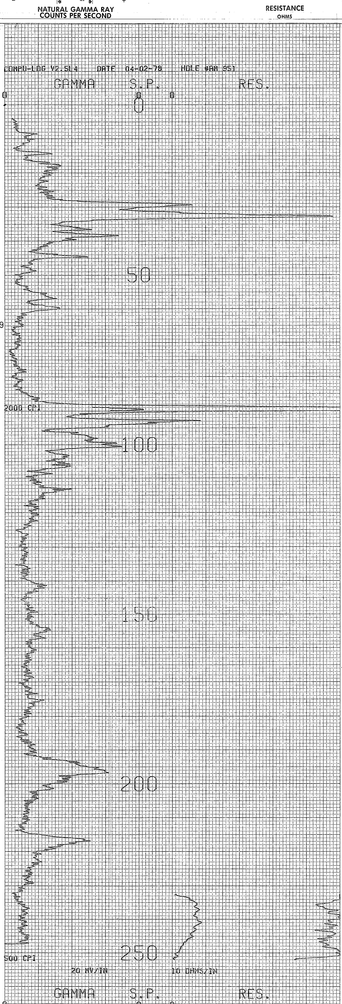
COMPANY	MINERALS EXPLORATION
BORE HOLE	AM 951
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
DATE	4-2-78
RUN NO.	1
BIT SIZE	7 7/8
DEPTH	253'
DRILLER	M DODGE
RECORDED BY	WICKENBERG
DRILLER'S DEPTH	253'
TOTAL RUN	253'
T.D. LOGGER	253'
BARREL SIZE	900
TIME CONSTANT	60
CALIBRATION & PROBE DATA	1.135 / 1.00 / 10 / 1 / 20
PROBE NO.	9055-23
PROBE TYPE	17%
ANALYSIS	KOA 7614
LOTS/SEC	3.52 × 10^-6
PROBE NO.	9055-23
PROBE TYPE	17%
ANALYSIS	KOA 7614
LOTS/SEC	3.52 × 10^-6

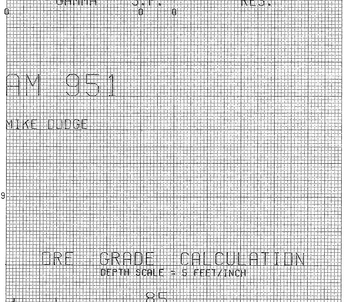
SURVEY	AM951
BORE HOLE	250'
DATE	4-2-78
RUN	1
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
DATE	4-2-78
DEPTH	253'
DRILLER	M DODGE
RECORDED BY	WICKENBERG
DENSITY	0.25 = 1930
RESISTIVITY	0.25 = 2015
SP	0.75 mv
TEMP	1.75 °C
TEMPERATURE GRADIENT	°C/m

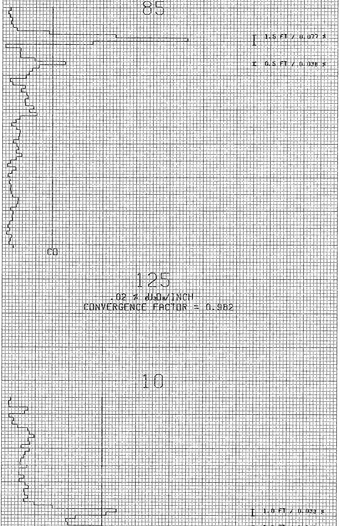
TRACE USED: #3
PROBE K-FACTOR FROM E.R.D.A. DTD 3-10-78: 5.085×10^{-6}
RIW: HARRS (SIMM)

SELF POTENTIAL — DENSITY

NATURAL GAMMA RAY COUNTS PER SECOND — RESISTANCE OHMS







Denver, Colo.

DATE	3-30-78
COMPANY	MINERALS EXPLORATION
WELL NO.	AM952
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
SECTION	
TOWNSHIP	
RANGE	
ELEVATION	GROUND LEVEL
TOTAL DEPTH	272'
DATE	3-30-78
CASING DEPTH	272'
BIT SIZE	5 1/2"
CASING	—
WEIGHT	
MUD TYPE	H_2O + FOAM
MUD WEIGHT	
OPERATOR	MINERALS EXPLOR.
RIG	M. DODGE
TRUCK NO.	7750
LOCATION	WICKENBURG AZ.
	0.25 = 1915
	0.25 = 2000
	0.75 =
	1.25 =

T.D. LOGGER	272'
BOREHOLE RECORD	5 1/2" @ 0 — 272'
BIT SIZE	5 1/2"
CASING RECORD	
TYPE FLUID IN HOLE	FOAM
MAX. REC. TEMP.	80 °F
CALIBRATION & PROBE DATA	
SOURCE USED	SOURCE VALVE
PROBE NO.	7055-23
PROBE SIZE	1 7/8"
DATE	SUN, FEB. 26, 1978
TIME	1:55 PM SEC. 0.55 × 10⁻⁶
SPEED	1.135
SENSITIVITY	1.00
MAX. SCALE	1
	10 counts per 1
LA	10 counts

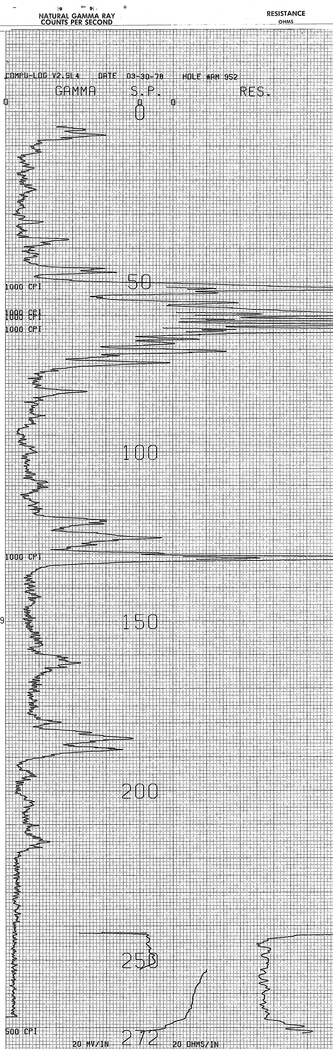
TRACK WIDTH #1
PROBE CALIBRATION FROM ERDA. P.M. 3-10-78: 5.6 × 10⁻⁶
RIG: HARRIS (UBEN)

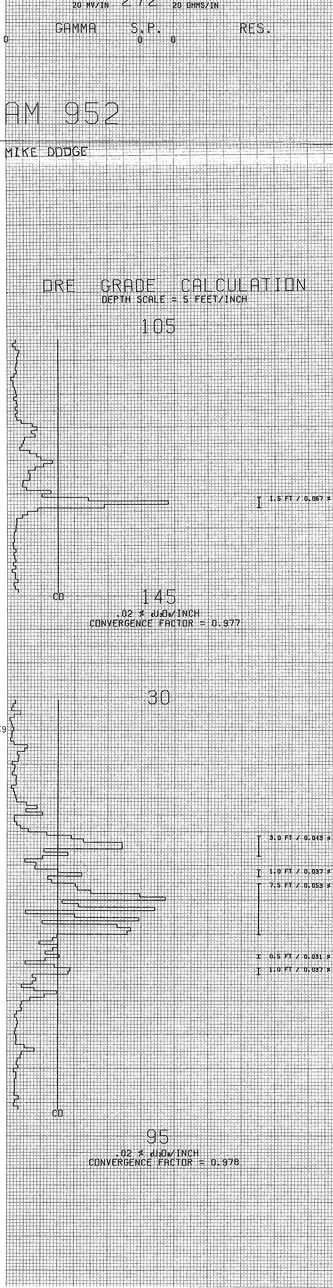
SELF POTENTIAL

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

RESISTANCE OHMS





Century Geophysical Corporation
Denver, Colo.

C.G.C.	SP 17666		
COMPANY	MINERALS EXPLORATION	DATE 3-28-78	
HOLE NO.	*AM 953		
MINE	ANDERSON MINE		
COUNTY	YAVAPAI	STATE ARIZONA	
SECTION	TOWNSHIP	RANGE	
		GROUND LEVEL	

DATE	*225'	CASING	in.
3-28-78	5 1/8		
TYPE OF HOLE			
DIAMOND			
FIELD			
ARIZONA			
DRILL			
*317			
DRILLER			
M. DODGE			
7750			
WICKENBERG, AZ.			
0.25	in.	1915	
1.0	in.	2115	
2.0			
3.25	in.		
MAGNETIC DECLINATION			Mils
PROJECTION STANDARD			Mils

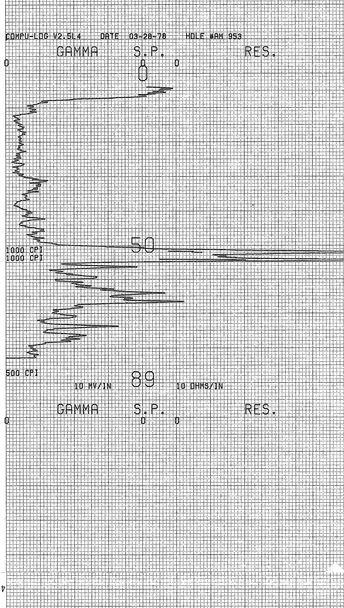
CO. CONTROL	*228'		
SURVEY DATE			
TIME CONSTANT	500 Cps. Per In.		
	60 In./Min.		
CALIBRATION & PROBE DATA			
SOURCE NO.	SOURCE VALUE		
SOURCE DATE			
9055-23	1/4		
NaI Scint. XTAL 7x4			
L075 USEC	5.58 x 10⁴		
L135	1.00		
MR. PROBE	20 Mv/in.	1	Cps.
	10 Mv/in.		

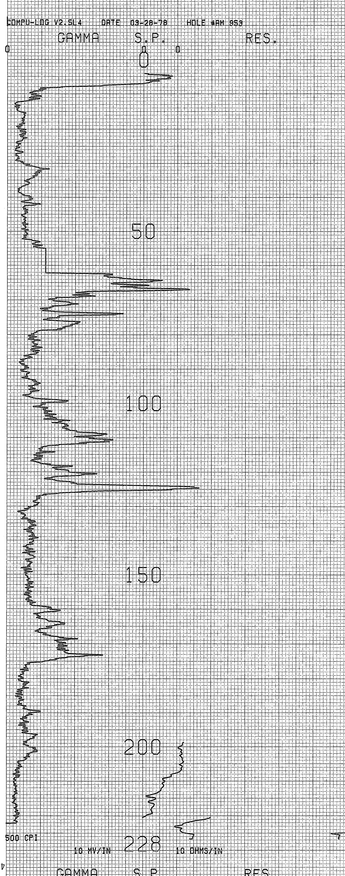
GAMMA RECORD
Gamma Ray Log Calibration

DATA				SCALE				CLEAR			
		Cps. Per In.				Cps. Per In.				Cps. Per In.	
		C.C.	Cps.			C.C.	Cps.			C.C.	Cps.
		CASSIMA AMPS	Cps.			CASSIMA AMPS	Cps.			CASSIMA AMPS	Cps.
		FROM				FROM				FROM	
		TO				TO				TO	
		TOTAL				TOTAL				TOTAL	

*TRACK USED: 142 OF SAME TAPE
PROBE K-FACTOR FROM EDA. PMS 3-10-78: 5.695
RIG: HARRIS (JIMMY)

*HUNG PROBE ON 1st ATTEMPT @60', RELOGGED TO 89' ON T2*2 TO CATCH TOP PART OF HOLE.





Denver, Colo.

C-244-E SP 27488

COMPANY: MINERALS EXPLORATION	DATE: 4-1-78	AREA: ANDERSON MINE	SEC. / TWP. / RANGE
BORE HOLE: AM 954		COUNTY: YAVAPAI	BIT SIZE: 5 in.
AREA: ANDERSON MINE		STATE: ARIZONA	CASING: —
COUNTY: YAVAPAI	STATE: ARIZONA	COMPANY: MINERALS EXPLOR	MAXIMUM HOLE DEPTH: 200' ft.
SECTION	TOWNSHIP	DATE: 4-1-78	DENSITY: H2O=1.00
	RANGE	ELEVATION ABOVE SEA LEVEL: GROUND LEVEL	TOTAL DEPTH LOGGED: 203'
			VISCOSITY
			RESISTIVITY
			RECORDED BY: M. DODGE
			WITNESSED BY: TOM
			LOCATION: WICKENBURG AZ
			ELEV. KB: 0.25 ft.
			ELEV. DF: 1.15 ft.
			ELEV. GL: 1.15 ft.

INITIAL RUN

T.D. LOGGED: 203'	SCALE: 1" = 50 ft.	SCALE: 1" = 50 ft.	SCALE: 1" = 50 ft.
GAMMA SCALE: 2000 Cps. Per In.	T.C.: Sec.	LOGGING SPEED: Ft./Min.	T.C.: Sec.
			LOGGING SPEED: Ft./Min.
TIME CONSTANT: 60 Ft./Min.	LOGGING SPEED: Ft./Min.	FROM: Ft.	FROM: Ft.
CALIBRATION & PROBE DATA	TO: Ft.	TO: Ft.	TO: Ft.
SOURCE NO.:	SOURCE VALUE:	TOTAL:	TOTAL:

PROBE NO.: 9055-23	PROBE SIZE: 1 7/8 in.	TRACK USED: #1	
DETECTOR: NAT SCINT. XTAL	TYPE & SIZE: 7/8 x 4 in.	PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695 x 10^-6	
PHOTO TUBE: 1.0735	CALIBRATOR: 5.58 x 10^-6	RIG: HARRIS (JIMMY)	
RADIO FREQUENCY: 1.135	GAIN SETTING: 1.00		
REL. SCALE: 20 ohms min.	1 inches		
A.P.: 10 Ohm-Cm.			

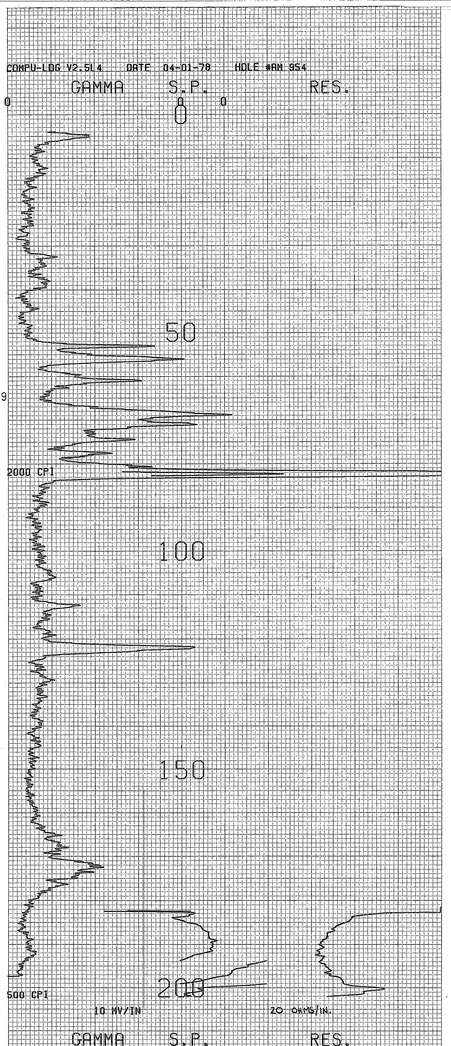
SELF POTENTIAL

− | mv | +

NATURAL GAMMA RAY
COUNTS PER SECOND

DENSITY

RESISTANCE
OHMS

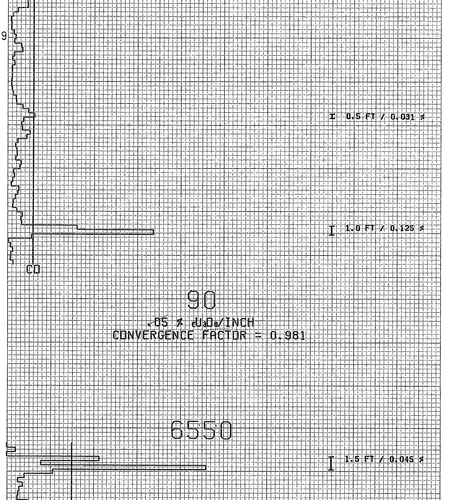


AM 954

MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH



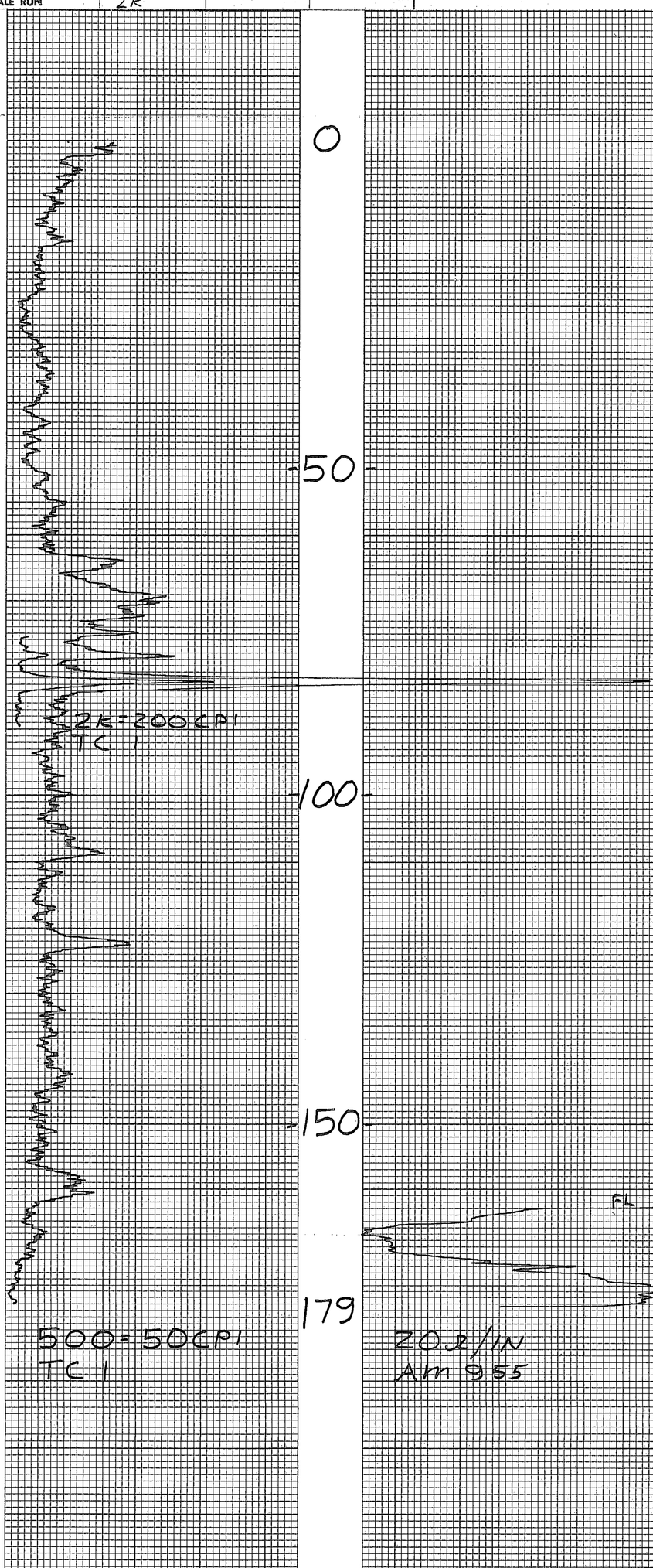
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 955

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE AZ	
GP.		ELEV.	
SEC.	TWP.	RGE.	
DATE	3-29-78		
DEPTH DRILLED	179		
DEPTH LOGGED	179		
FOOTAGE LOGGED			
HOLE DIAMETER	5 1/8		
WATER FACTOR	—		
RESISTIVITY	20	OHMS/INCH	
SELF POTENTIAL	—	M.V./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	90		
TOP	75		
TOTAL FEET	15		
SCALE RUN	2K		

GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	6.00 E-5
DEAD TIME	9.2 μs
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	–
DIRECTIONAL SURVEY	–
TEMPERATURE	–
OPERATOR	ERICKSON
DRILLER	JIM
CONTRACTOR	HARRIS
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	163
REMARKS:	



No. SC-13133
THE RECORDING CHART GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK
PRINTED IN U.S.A.
No. SC-13133

MINERALS EXPLORATION CO.

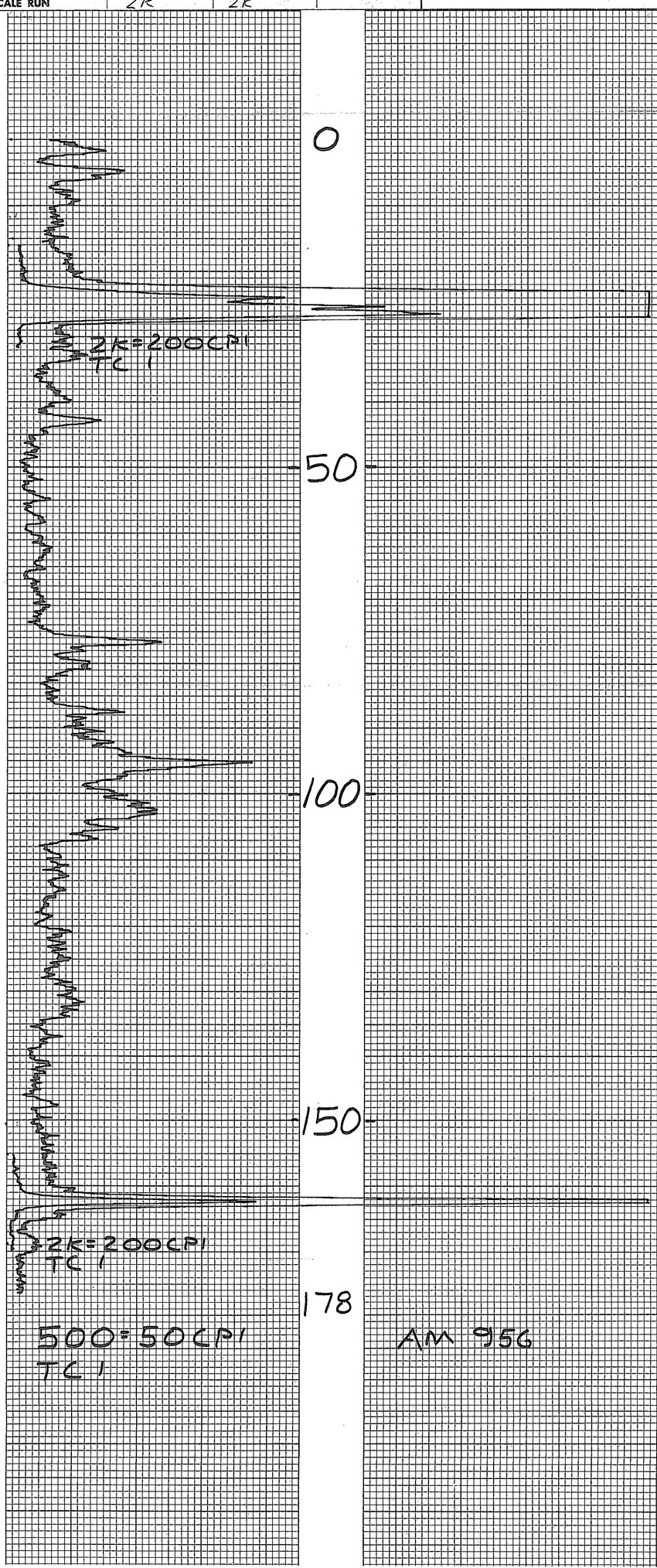
CASPER, WYOMING

HOLE NO. AM 956

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPI
COUNTY	YAVAPAI STATE AZ	PROBE TYPE	SCINT
GP.	ELEV.	K-FACTOR	6.00E-5
		DEAD TIME	9.2 μs
SEC.	TWP. RGE.	TIME CONSTANT	1
		PROBE DIA.	1 5/8
DATE	3-28-78	CALIPER	–
DEPTH DRILLED	180	DIRECTIONAL SURVEY	–
DEPTH LOGGED	178	TEMPERATURE	–
FOOTAGE LOGGED		OPERATOR	ERICKSON
HOLE DIAMETER	5 1/8	DRILLER	JIM
WATER FACTOR	–	CONTRACTOR	HARRIS
RESISTIVITY	– OHMS/INCH	LAST A.E.C. PIT RUN	2-24-78
SELF POTENTIAL	– M.V./IN.	FLUID LEVEL	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	170	30	
TOP	155	15	
TOTAL FEET	15	15	
SCALE RUN	2K	2K	

REMARKS:



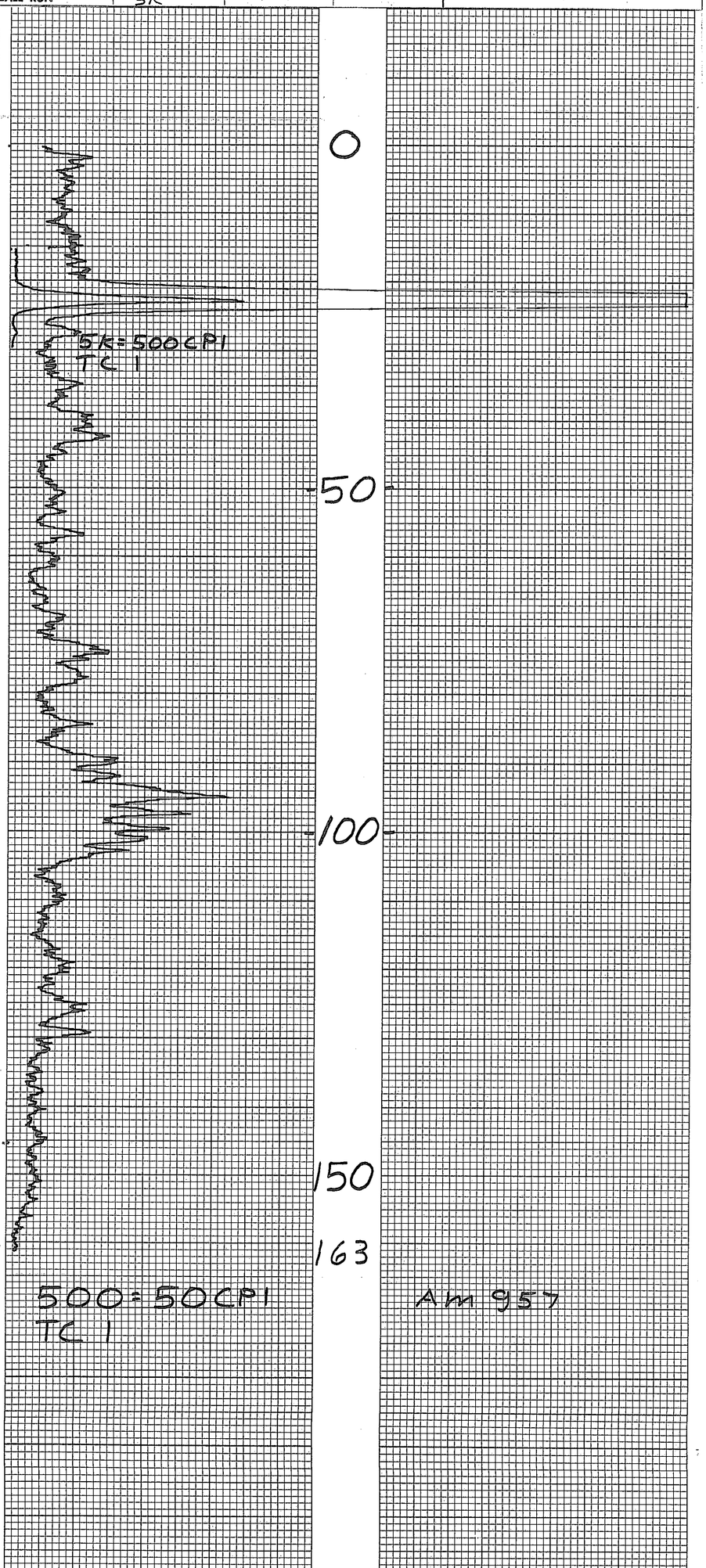
PRINTED IN U.S.A. No. GC-13133 RECORDING GRAPH GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK PRINTED IN U.S.A. No. GC-13133

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. Am 957

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPI
COUNTY	YAVAPAI STATE AZ	PROBE TYPE	SCINT
GP.	ELEV.	K-FACTOR	6.00 E-5
SEC.	TWP. RGE.	DEAD TIME	9.2 μs
DATE	3-28-78	TIME CONSTANT	1
DEPTH DRILLED	163	PROBE DIA.	1 5/8
DEPTH LOGGED	163	CALIPER	—
FOOTAGE LOGGED		DIRECTIONAL SURVEY	—
HOLE DIAMETER	5 1/8	TEMPERATURE	—
WATER FACTOR	—	OPERATOR	ERICKSON
RESISTIVITY	— OHMS/INCH	DRILLER	JIM
SELF POTENTIAL	— M.V./IN.	CONTRACTOR	HARRIS
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	LAST A.E.C. PIT RUN	2-24-78
BOTTOM	30	FLUID LEVEL	
TOP	15	REMARKS:	
TOTAL FEET	15		
SCALE RUN	5K		



PRINTED IN U.S.A.
No. 62-13133
RECORDING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK

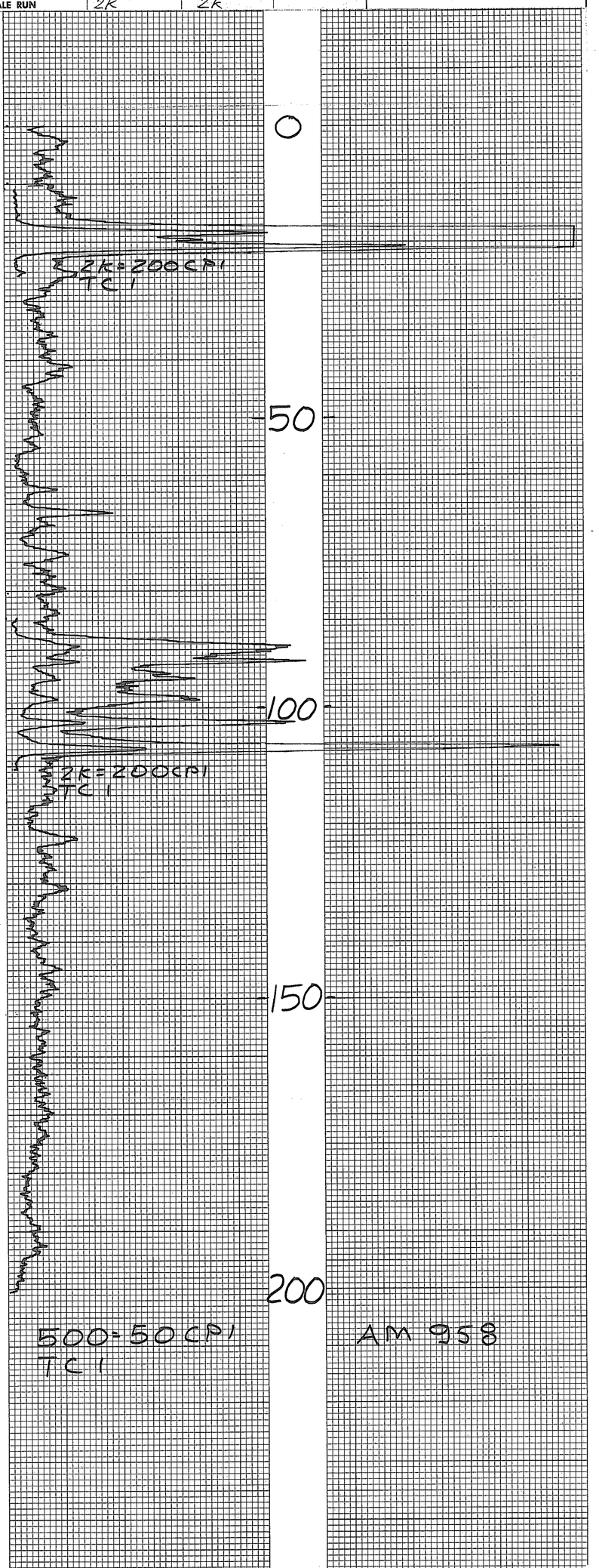
MINERALS EXPLORATION CO.

CASPER, WYOMING **HOLE NO.** Am 958

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	**STATE**	AZ
GP.		**ELEV.**	
SEC.	**TWP.**	**RGE.**	
DATE	3-28-78		
DEPTH DRILLED	202		
DEPTH LOGGED	202		
FOOTAGE LOGGED			
HOLE DIAMETER	5 1/8		
WATER FACTOR	–		
RESISTIVITY	–	**OHMS/INCH**	
SELF POTENTIAL	–	**M.V./IN.**	

RERUNS	**1ST. RUN**	**2ND. RUN**	**3RD. RUN**
BOTTOM	110	25	
TOP	85	10	
TOTAL FEET	25	15	
SCALE RUN	2K	2K	

GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	6.00 E-5
DEAD TIME	9.2 us
TIME CONSTANT	1
PROBE DIA.	+5/8
CALIPER	–
DIRECTIONAL SURVEY	–
TEMPERATURE	–
OPERATOR	ERICKSON
DRILLER	JIM
CONTRACTOR	HARRIS
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	
REMARKS:	



RECORDING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK PRINTED IN U.S.A. No. GC-13133

MINERALS EXPLORATION CO.

CASPER, WYOMING

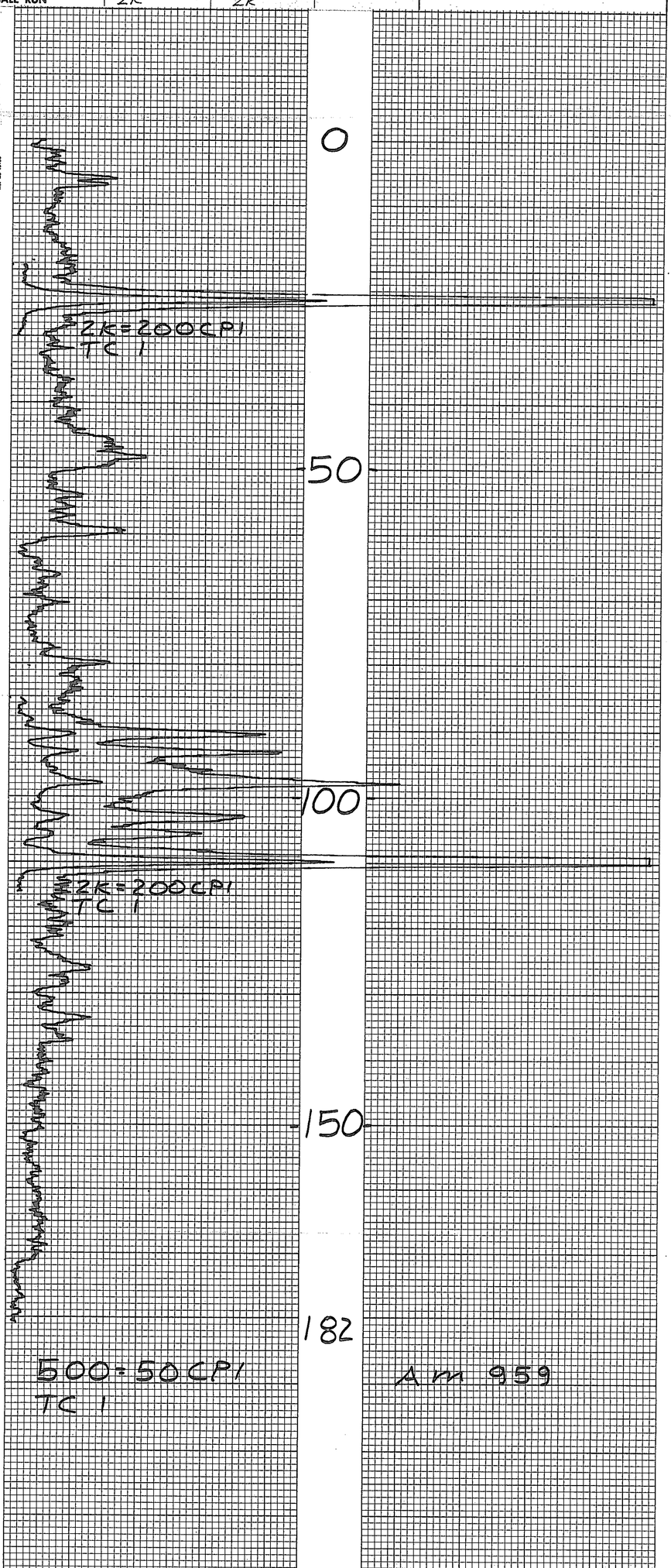
HOLE NO. Am 959

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	AZ
GP.		ELEV.	
SEC.	TWP.	RGE.	

DATE	3-28-78
DEPTH DRILLED	182
DEPTH LOGGED	182
FOOTAGE LOGGED	
HOLE DIAMETER	5 1/8
WATER FACTOR	–
RESISTIVITY	– OHMS/INCH
SELF POTENTIAL	– M.V./IN.

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	115	30	
TOP	85	20	
TOTAL FEET	30	10	
SCALE RUN	2K	2K	

GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K-FACTOR	6.00E-5
DEAD TIME	9.2μs
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	–
DIRECTIONAL SURVEY	–
TEMPERATURE	–
OPERATOR	ERICKSON
DRILLER	JIM
CONTRACTOR	HARRIS
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	
REMARKS:	



No. 60-13133
RECORDING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK
PRINTED IN U.S.A.
No. 60-13133

MINERALS EXPLORATION CO.

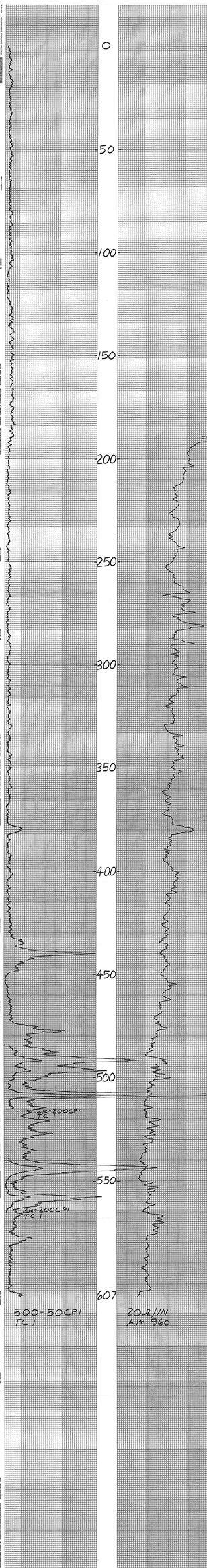
CASPER, WYOMING

HOLE NO. AM 960

LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	AZ
GP.		ELEV.	
SEC.	TWP.	RGE.	
DATE	4-14-78		
DEPTH DRILLED	623		
DEPTH LOGGED	607		
FOOTAGE LOGGED			
HOLE DIAMETER	9		
WATER FACTOR	.14		
RESISTIVITY	20	OHMS/INCH	
SELF POTENTIAL		M.V./IN.	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	566	575	
TOP	540	485	
TOTAL FEET	25	30	
SCALE RUN	2X	2X	

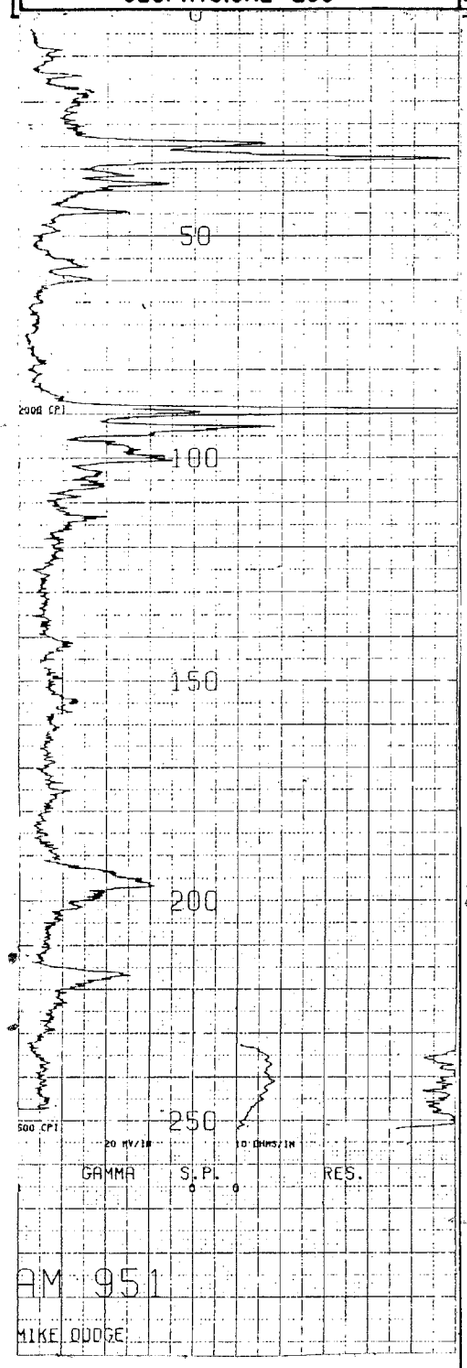
GAMMA SCALE	500-50CPI
PROBE TYPE	SCINT
K-FACTOR	6.3 E-5
DEAD TIME	9.2 uS
TIME CONSTANT	1
PROBE DIA.	1 3/8
CALIPER	-
DIRECTIONAL SURVEY	-
TEMPERATURE	-
OPERATOR	ERICKSON
DRILLER	RG
CONTRACTOR	USINTURE
LAST A.E.C. PIT RUN	2-24-78
FLUID LEVEL	190
REMARKS:	

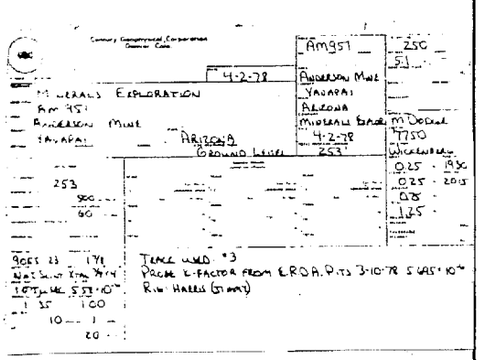


PROJECT ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 951

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K. TAYLOR **DATE** 4/2/78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 250 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	0					
	20					H green to white calc(?) mudstn.
	40					green mudstn.
						green siliceous mudstn.
						green mudstn.
	60					interbd green mudstn & white tuffaceous (?) mudstn.
	80					
	100					
	20					green siliceous mudstn.
	40					interbd green & brown mudstn
						green mudstn.
						green siliceous mudstn, brownish red chert.
	60					brownish green mudstn.
	80					green to brownish green to greenish brown mudstn
	200					
	20					brown to yellowish brown mudstn
	40					brown to red brown mudstn
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

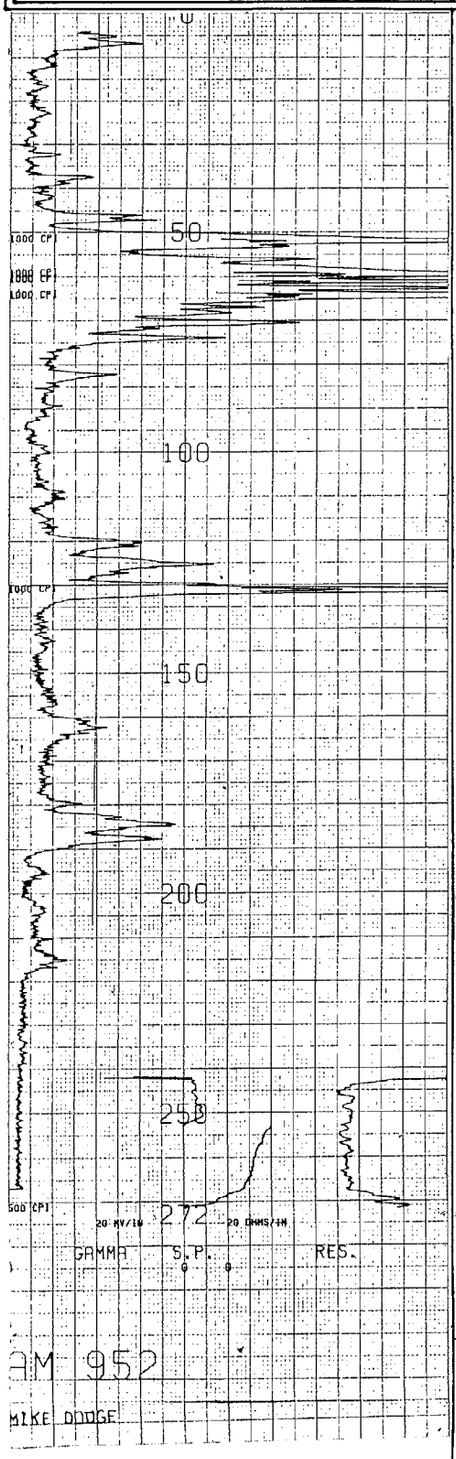


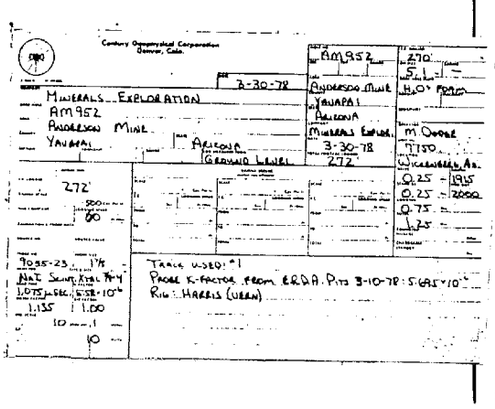
PROJECT ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 952

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K. TAYLOR **DATE** 3/30/78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 275 **P.D.** _____

HARRIS

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						interbd green mudstn & white (calc?) mudstn.
						green mudstone
						green siliceous mudstone
						interbd green & red mudstn.
						green siliceous mudstn., red chert
						interbd red & green mudstn.
						interbd brown, yellowbrown & greenish brown mudstns.
						red-brown mudstone & coarse sand.
						sand, brown mud, dk red & white frags.

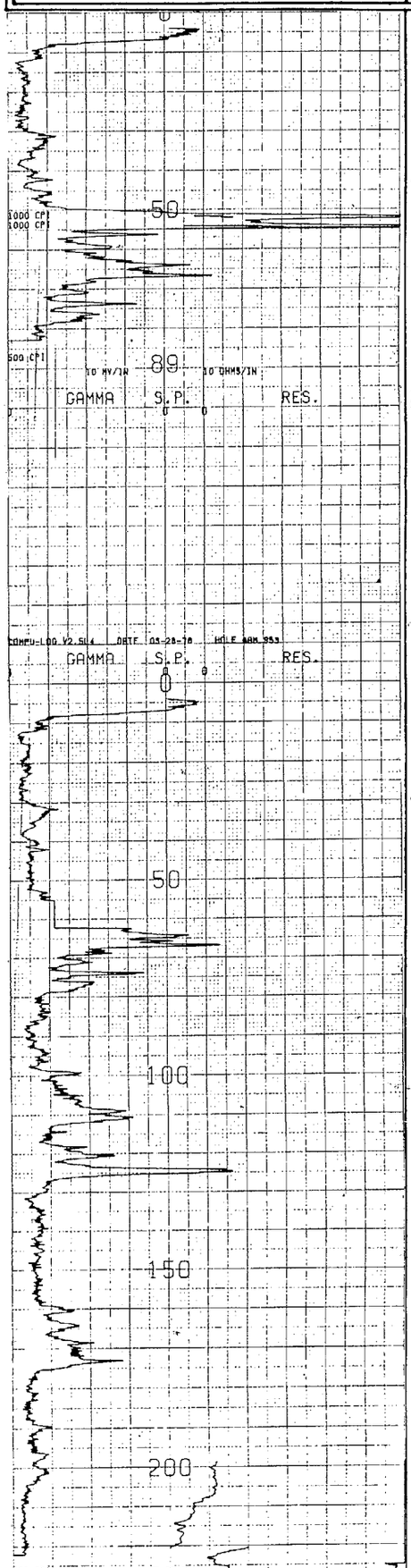


PROJECT AMERSON MINE **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 953

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K TAYLOR **DATE** 3/28/78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 230 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



AM 953

MIKE DODGE

green siliceous mudstn.

lt. green siliceous mudstn.

green siliceous mudstn.

greenish, brown siliceous mudstn.

white, lt green siliceous mudstn, red chert

tan mudstn, siliceous,

greenish tan mudstn, siliceous

green siliceous mudstn, red brown chert

interbd red & green mudstn.

~~green & siliceous mudstn~~

green moderately siliceous mudstn

interbd red & grey mudstn.

brownish red mudstn.

interbd red & yellow brown mudstn

interbd yellow green & green mudstn & brown mudstn

interbd brown & yellow brown & orange brown mudstn

interbd greyish red & brown mudstns.

red brown mud & sand

dk grey andesite

Century Geophysical Corporation
Denver, Colo.

MINERALS EXPLORATION
*AM 953
ANDERSON MINE
YAVAPAI ARIZONA
3-28-78
GROUND LEVEL

*AM 953
ANDERSON MINE
YAVAPAI
ARIZONA
MINERALS EXPLOR
3-28-78
*317

*225
5/1
H_2O MMB
M. DODGE
7750
WICKENBURG, AZ.
0.25 -1915
1.0 -2115
2.0
3.75

*228
500
60

9055-23 1M
NAI SCINT. XTAL 4"x4"
LOG/SEC. 5.58·10⁻⁵
1.135 1.00
20 1
10

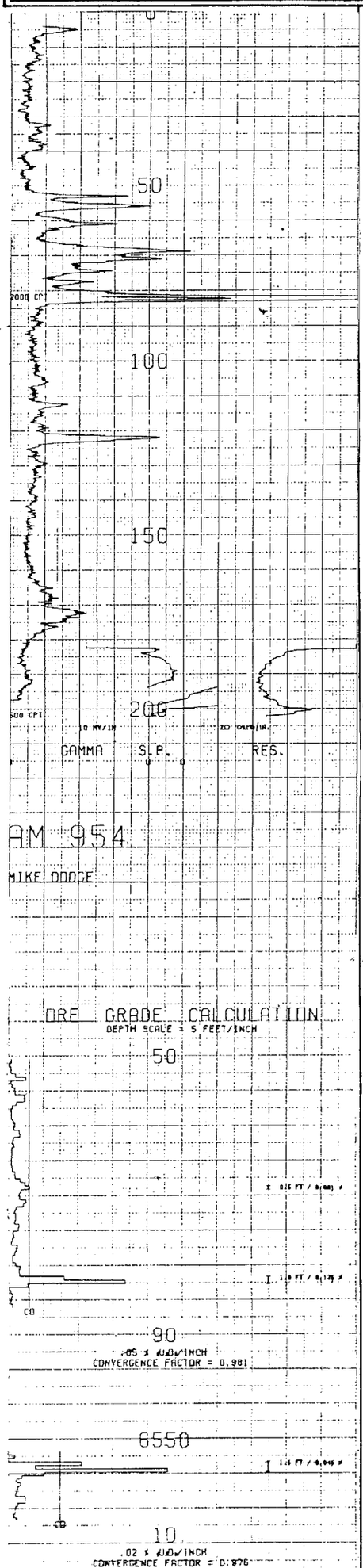
* TRACK USED: 1&2 OF SAME TAPE
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695
RIG: HARRIS (JIMMY)

* HUNG PROBE ON 1ST ATTEMPT @60'; RELOGGED TO 89' ON T&2 TO CATCH TOP PART OF HOLE.

PROJECT ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 954

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K. TAYLOR **DATE** 4/1/78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 200' **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					interbd green mudstn. + greenish grey siliceous mudstn.
						lt. green mudstn.
						green mudstn.
						interbd green + lt. green to white mudstns.
						lt green to white mudstn w/lt green chert
						interbd green mudstn. + grey siliceous mudstn
	40					lt. green mudstn.
	60					green siliceous mudstn
	80					interbd green + red siliceous mudstn.
	100					interbd green, red, brown mudstn.
						interbd brown, tan, yellow-brown mudstn.
	20					grey to dk grey siliceous mudstn.
	40					interbd red brown + green siliceous mudstn.
	60					interbd brown, yellowish brown, orange brown, tan mudstn.
	80					interbd brown + brownish red mudstn.
	200					dk grey andesite frags
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

Century Geophysical Corporation
Denver, Colo.

4-1-78
MINERALS EXPLORATION
AM 954
ANDERSON MINE
YAVAPAI ARIZONA
GROUND LEVEL 203'

AM954 | 200' | 5 | 1 | 3.0 | 7750 | 0.25 | 0.5 | 0.75

203'
500
60
9055-23 1/78
NAI SCINT. Xtal 3"x4"
LOTSA MK. 555-10⁶
1.135 1.00
20 1
10

TRACK USED: #1
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5 REF: 10⁶
RIG: HARRIS (Jimmy)

PROJECT ANDERSON MINE **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 955

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** K. TAYLOR **DATE** 3/29/78

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 175' **P.D.** _____

HARRIS

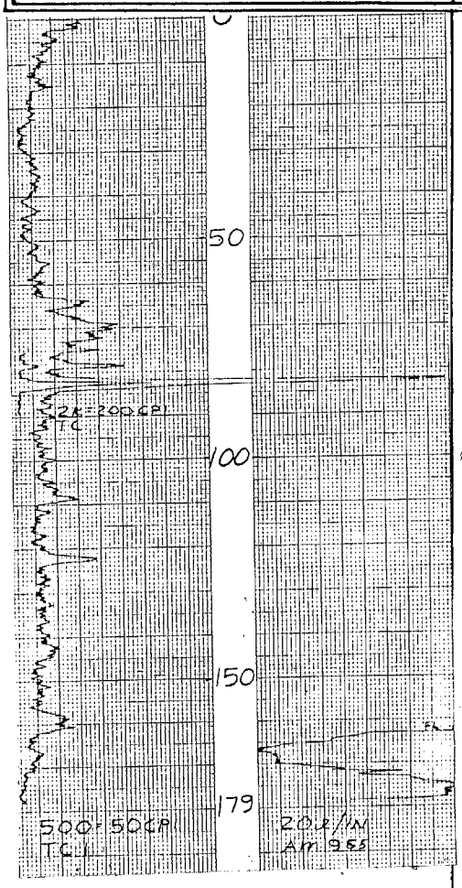
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						grey siliceous mudstn.
	20					green siliceous mudstn.
						interbd green siliceous mudstn, + white mudstn
	40					green siliceous mudstn.
						~~white + red~~ hard lt green to white mudstn.
	60					green siliceous mudstn.
						interbd green + brown siliceous mudstn.
	80					brown mudstn.
	100					interbd green + red mudstn
						green siliceous mudstn.
	20					grey siliceous mudstn
						interbd green + red brown mudstn.
	40					red brown mudstn.
	60					dk grey andesite
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

Figure labels: 0; 50; 100; 150; 179; 2K = 200 CPI; T.C.; 500-50 CPI; T.C.; 20 ft/in; AM 955

MINERALS EXPLORATION CO.

CASPER, WYOMING

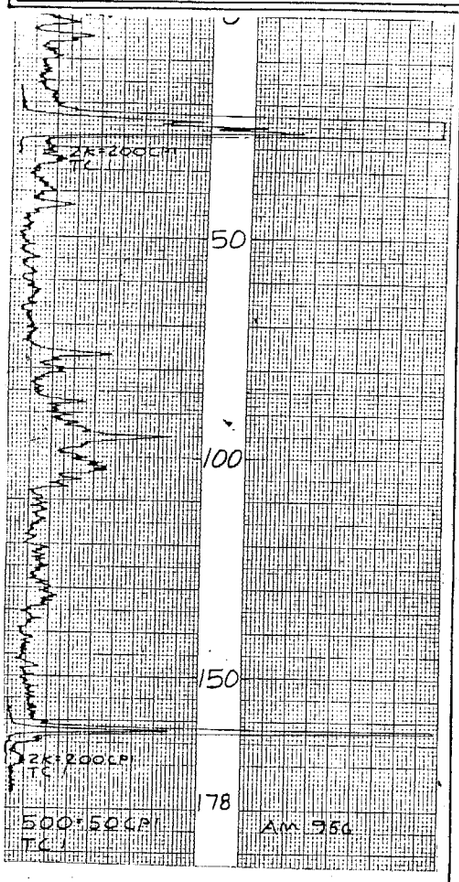
LOCATION	ANDERSON MINE	HOLE NO.	AM 955
COUNTY	YAVAPAI STATE AZ	GAMMA SCALE	500-50 CPI
GP.	ELEV.	PROBE TYPE	SCINT
SEC.	TWP. RGE.	K-FACTOR	600 E-3
DATE	3-29-78	DEAD TIME	9.2 μs
DEPTH DRILLED	179	TIME CONSTANT	1
DEPTH LOGGED	179	PROBE DIA.	1 5/8
FOOTAGE LOGGED		CALIPER	-
HOLE DIAMETER	5 1/8	DIRECTIONAL SURVEY	-
WATER FACTOR	-	TEMPERATURE	-
RESISTIVITY	20 OHMS/INCH	OPERATOR	ERICKSON
SELF POTENTIAL	- M.V./IN	DRILLER	JIM
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	CONTRACTOR	HARRIS
BOTTOM	90	LAST A.L.C. PT. RUN	2-27-78
TOP	75	FLUID LEVEL	162
TOTAL FEET	15	REMARKS:	
SCALE, P.M.	2K		

PROJECT ANDERSON MINE HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 956

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY K. TAYLOR DATE 3/27/78

SECTION ____ TOWNSHIP HARRIS RANGE ____ T.D. 180' P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



DEPTH	LITHOLOGY LOG
	lt grey green mudstn (calc ?) red chert frag.
	green mudstn, moderately siliceous
20	green to grey green highly siliceous mudstone, some chert
	dk brownish green mudstn., siliceous
40	interbd lt grey to white mudstn. & siliceous green mudstn
60	lt. grey siliceous mudstn.
80	green to grey green siliceous mudstn.
100	interbd brown, maroon, green, orange, red siliceous mudstns.
	olive brown mudstn.
20	interbd green & red siliceous mudstns.
	brown mudstn.
40	interbd green & red siliceous mudstns.
60	interbd green & red mudstns.
	red andesite frags
80	
200	
20	
40	
60	
80	
00	
20	
40	
60	
80	
00	
20	
40	
60	
80	
00	

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE	HOLE NO.	AM 956
COUNTY	YAVAPAI STATE AZ	GAMMA SCALE	500=50CPI
GP.	ELEV.	PROBE TYPE	SCINT
		K-FACTOR	6.00E-5
		DEAD TIME	9.2 ms
SEC	TWP. RGE.	TIME CONSTANT	1
DATE	3-28-78	PROBE DIA.	1 5/8
DEPTH DRILLED	180	CALIPER	-
DEPTH LOGGED	178	DIRECTIONAL SURVEY	-
FOOTAGE LOGGED		TEMPERATURE	-
HOLE DIAMETER	5 1/8	OPERATOR	ERICKSON
WATER FACTOR	-	DRILLER	JIM
RESISTIVITY	- OHMS/INCH	CONTRACTOR	HARRIS
SELF POTENTIAL	- M.V./IN.	LAST A.E.C. PIT RUN	2-24-78
BERING	1ST. RUN / 2ND. RUN / 3RD. RUN	FLUID LEVEL	
BOTTOM	170 / 30	REMARKS	
TOP	155 / 15		
TOTAL FEET	15 / 15		
SCALE RUN	2K / 2K		

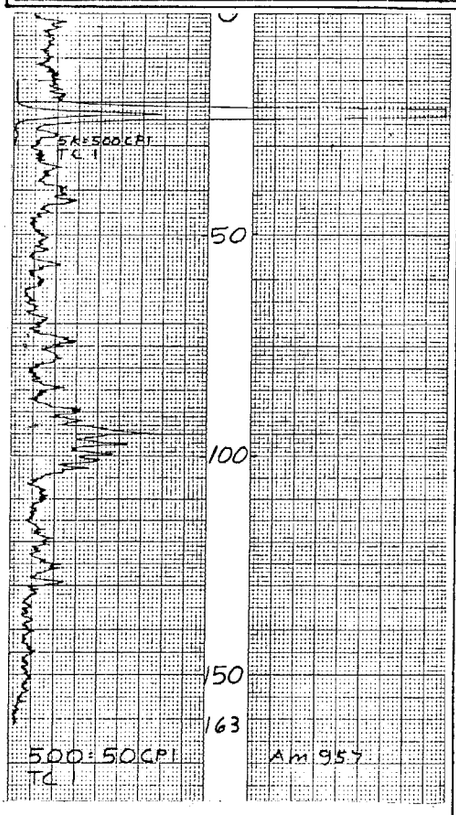
PROJECT ANDERSON MINE HOLE SIZE ☐ AIR ☐ WATER HOLE NO. AM 957

ELEVATION NORTH EAST LOGGED BY K. TAYLOR DATE 3/27/78

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

HARRIS

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



DEPTH: 0, 20, 40, 60, 80, 100, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00

- white (tuffaceous?) mudstn, green + red chert
- green mudstn
- interbd grey + green, highly siliceous mudstn.
- green highly siliceous mudstn
- interbd grey, green, redbrown (cherty) highly siliceous mudstn
- green mudstn
- lt green, lt grey, green mudstn, highly siliceous
- green to brownish green siliceous mudstn.
- red chert
- green, redbrown, grey siliceous mudstn
- interbd green siliceous + lt yellow green mudstn.
- interbd siliceous green, orange, brown mudstn.
- grey green mudstone
- grey carbonate frag.

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE	HOLE NO.	AM 957
COUNTY	YAVAPAI STATE AZ	GAMMA SCALE	500-50CPI
GP.	ELEV.	PROBE TYPE	SCINT
SEC.	TWP. RGE.	K-FACTOR	6.00 E-5
DATE	3-28-78	DEAD TIME	9.2 CKS
DEPTH DRILLED	163	TIME CONSTANT	1
DEPTH LOGGED	163	PROBE DIAL	1 5/8
FOOTAGE LOGGED		CALIPER	–
HOLE DIAMETER	5 7/8	DIRECTIONAL SURVEY	–
WATER FACTOR	–	TEMPERATURE	–
RESISTIVITY	– OHMS/INCH	OPERATOR	ERICKSON
SELF POTENTIAL	– M.V./IN.	DRILLER	JIM
		CONTRACTOR	HARRIS
		LAST A.E.C. PIT RUN	2-24-78
		FLUID LEVEL	

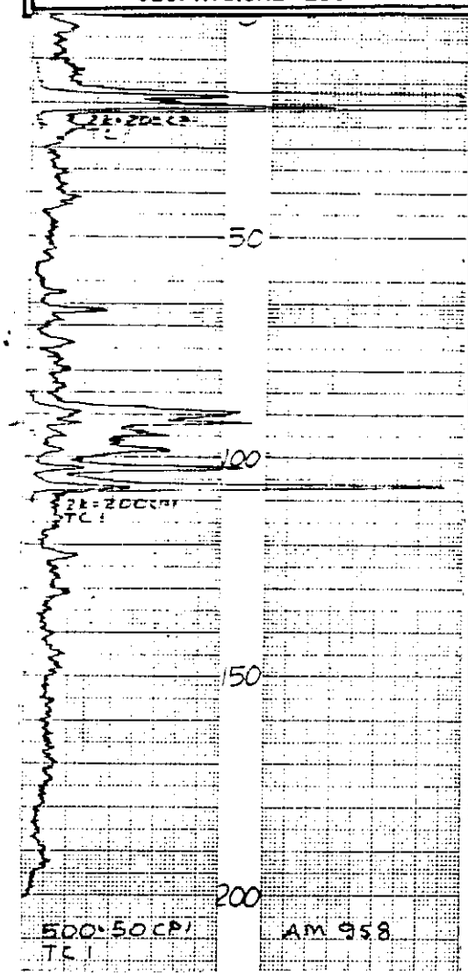
RETURNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	80		
TOP	15		
TOTAL FEET	15		
SCALE RUN	5A		

REMARKS:

PROJECT ANDERSON MINE HOLE SIZE ☐ AIR ☑ WATER HOLE NO. AM 958

ELEVATION NORTH EAST LOGGED BY K. TAYLOR DATE 3/27/78

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					green siliceous mudstone
	40					
	50					interbd green siliceous mudstn + lt green mudstn
						lt green mudstn
	60					lt green siliceous mudstone, interbd red siliceous mudstn.
	80					green siliceous mudstn
	100					interbd green + brown + red siliceous mudstn.
	20					grey, red, brown, green siliceous mudstns.
						brown, red green mudstns.
	40					green siliceous mudstn.
	150					
	60					
	80					red brown mudstn
						red andesite flags
	200					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

500-50 CPI TC 1

AM 958

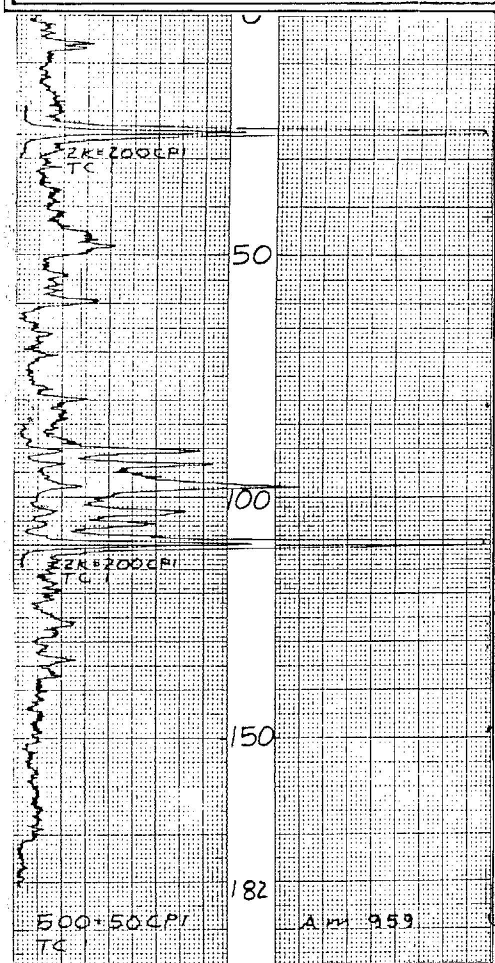
MINERALS EXPLORATION CO.

PROJECT ANDERSON MINE | HOLE SIZE ____ | ☐ AIR ☒ WATER | HOLE NO. AM 959

ELEVATION ____ | NORTH ____ | EAST ____ | LOGGED BY K. TAYLOR | DATE 3/ /78

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Depth	Lithology log
0–12	white to lt grey/ (tuffaceous?) siliceous mudstn
12–15	green mudstn, siliceous
15–35	grey to grey green siliceous mudstn.
35–55	green siliceous mudstn.
55–80	interbd white to lt green to green siliceous mudstns.
80–100	green siliceous mudstns.
100–117	interbd, green, red, brown, grey mudstns, siliceous
117–120	brown mudstn.
120–140	interbd green brown, grey orange moderately siliceous mudstns.
140–160	grey green siliceous mudstn.
160–163	red andesite frags
163–180	red andesite frags

Depth scale: 20, 40, 60, 80, 100, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 0, 0, 0, 00

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. Am 959

LOCATION	ANDERSON MINE			GAMMA SCALE	500·50CPI
				PROBE TYPE	SCINT
COUNTY	YAVAPAI	STATE AZ		K-FACTOR	6.00E-5
GP.		ELEV.		DEAD TIME	9.2μs
				TIME CONSTANT	1
SEC.	TWP.	RGE.		PROBE DIA.	1 5/8
DATE	3-28-78			CALIPER	-
DEPTH DRILLED	181			DIRECTIONAL SURVEY	-
DEPTH LOGGED	181			TEMPERATURE	
FOOTAGE LOGGED				OPERATOR	ERICKSON
HOLE DIAMETER	5 1/8			DRILLER	JIM
WATER FACTOR	-			CONTRACTOR	HARRIS
RESISTIVITY	-	OHMS/INCH		LAST A.L.C. PIT RUN	2-24-78
SELF POTENTIAL	-	M.V./IN.		FLUID LEVEL	
RERUNS	1ST. RUN	2ND RUN	3RD. RUN	REMARKS	
BOTTOM	115	30			
TOP	85	20			
TOTAL FEET	30	10			
SCALE RUN	2K	2K			

page 1 of 2

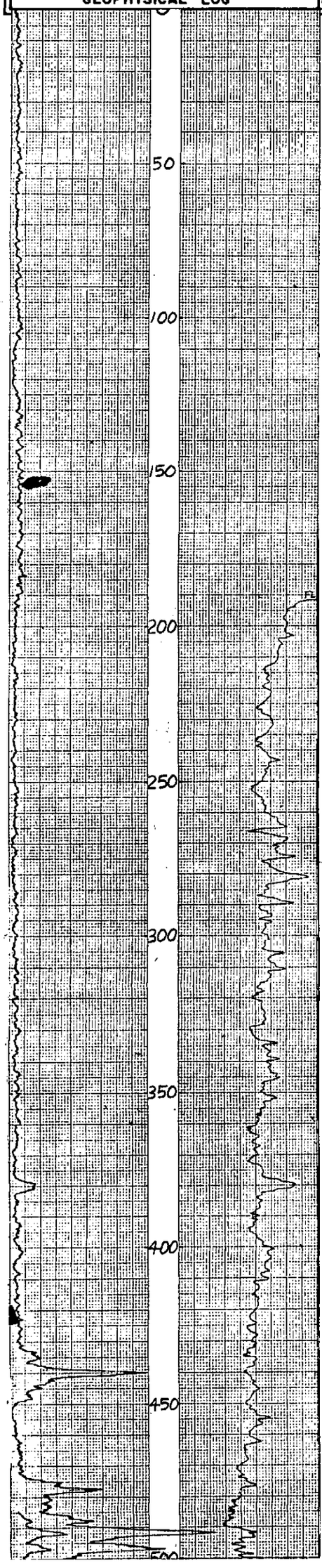
PROJECT _____ HOLE SIZE 9" ☑ AIR ☐ WATER HOLE NO. AM 960

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 14 APRIL 78

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 625 P.D. _____

VENTURE

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



0-110 CONG - PINK

110-120 BASALT

120-135 RED CONG.

135-235 BROWN CONG.

235-245 BROWN SILT

245-250 BROWN CONG W/ VOLCANICS

250-255 1/4"-1/2" GRAVEL

255-265 BROWN SILT

265-285 WHITE SILT A SAND

285-320 BROWN CONG.

320-345 RED CLAY

345-370 BROWN SILT

370-410 WHITE HARD SILT

410-445 OLIVE GREEN CLAY

445-485 BROWN AND DK GRAY CLAY AND LIGNITE

485-495 BLACK TO DK GRAY SHALE

495-510 DK OLIVE GREEN CLAY

510-570 DK GRAY TO BLACK LIGNITE AND BROWN TO BLACK SHALE

570-600 DK GREENISH BROWN SANDY SILT

600-625 RED, V.C. SAND W/ SOME 1" ROCKS

HOLE MADE 150-200 GALLONS / MINUTE

MOSTLY OUT OF LAST 50'

AT 520' MADE ONLY 25 G.P.M.

MINERALS EXPLORATION CO.

CASPER, WYOMING HOLE NO. Am 960

LOCATION	ANDERSON MINE	GAMMA SCALE	500-50CPI
COUNTY	YAVAPAI STATE AZ	PROBE TYPE	SCINT
GP.	ELEV.	K-FACTOR	6.2 5-6
SEC.	TWP. RGE.	DEAD TIME	9.2 μs
DATE	4-14-78	TIME CONSTANT	1
DEPTH DRILLED	625	PROBE DIA.	1 3/8
DEPTH LOGGED	607	CALIPER	-
FOOTAGE LOGGED		DIRECTIONAL SURVEY	-
HOLE DIAMETER	9	TEMPERATURE	-
WATER FACTOR	1.4	OPERATOR	KRILBSON
RESISTIVITY	20 OHMS/INCH	DRILLER	RO
SELF POTENTIAL	M.V./IN.	CONTRACTOR	VENTURE
		LAST A.E.C. FIT RUN	2-24-78
		FLUID LEVEL	190

DEBUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	565	515	
TOP	540	485	
TOTAL FEET	25	30	
SCALE RUN	20	20	

REMARKS:

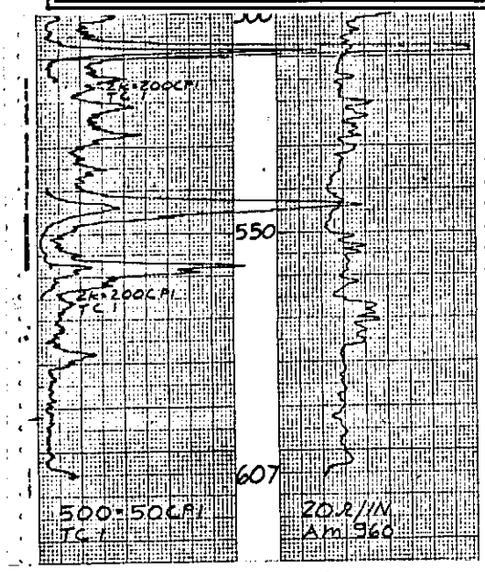
page 2 of 2

PROJECT _____ HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. 960

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY _____ DATE _____

SECTION _____ TOWNSHIP [redacted] RANGE _____ T.D. _____ P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



20
40
60
80
00
20
40
60
80
00
20
40
60
80
00
20
40
60
80
00
20
40
60
80
00
20
40
60
80
00