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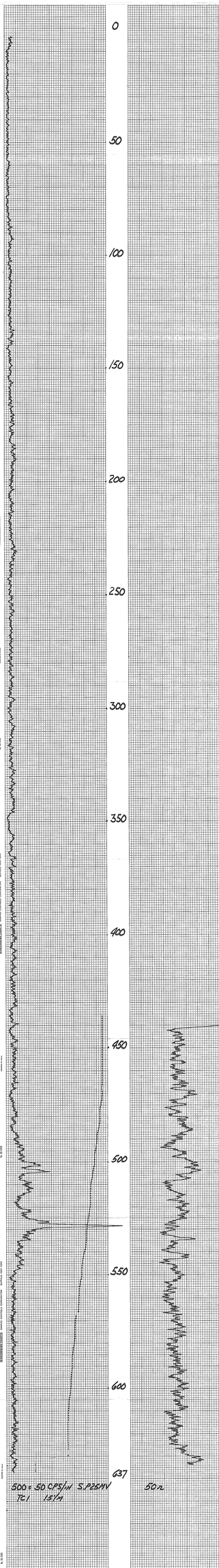
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE		
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	~~[illegible]~~	ELEV.	1910
SEC.	1203.925 N/S 93105 E/W TWP.	RGE.	
DATE	4-17-77		
DEPTH DRILLED	640		
DEPTH LOGGED	637		
FOOTAGE LOGGED	637		
HOLE DIAMETER	5		
WATER FACTOR	1.19		
RESISTIVITY	50	OHMS/INCH	
SELF POTENTIAL	25	M.V./IN.	

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

HOLE NO.	AM 511
GAMMA SCALE	500-50CPS/in
PROBE TYPE	SCINT
K.FACTOR	5.2×10^{-5}
DEAD TIME	7.1 μs
TIME CONSTANT	1
PROBE DIA.	1.5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KOTERLING
DRILLER	FREDDY
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



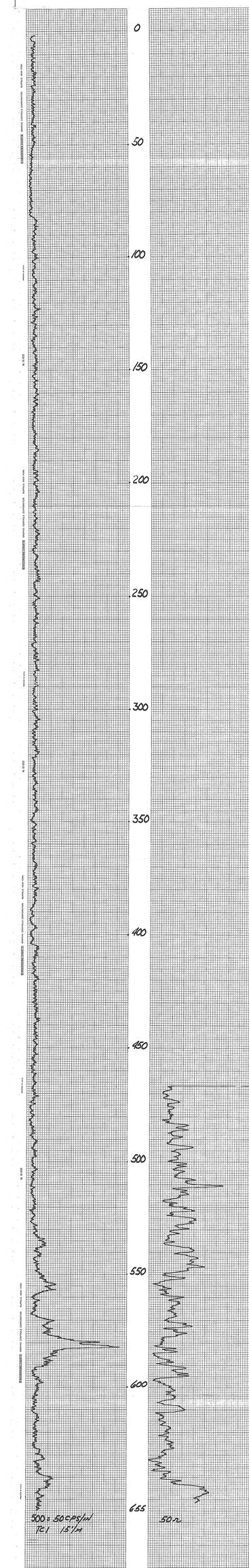
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE		
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	1200 FSL 2400 FWL	ELEV.	2008
SEC.	23	TWP. 12 N	RGE.
DATE	5/16/77		
DEPTH DRILLED	700		
DEPTH LOGGED	655		
FOOTAGE LOGGED	655		
HOLE DIAMETER	5		
WATER FACTOR	1.19		
RESISTIVITY	50	OHMS/INCH	
SELF POTENTIAL	–	M.V./IN.	

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

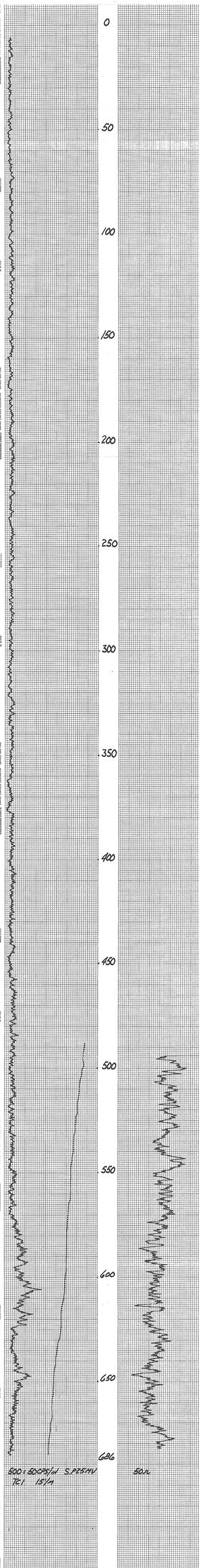
HOLE NO.	AM 512
GAMMA SCALE	500=50CPS/1
PROBE TYPE	SCINT.
K-FACTOR	5.32 x 10-5
DEAD TIME	7.14 μ
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	HEATHLINE
DRILLER	FORRY
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE	HOLE NO.	AM 513
COUNTY	YAVAPAI	STATE ARIZONA	GAMMA SCALE 500=50 CPS
GP.	1200 FSL 1200 FEL	ELEV. 1962	PROBE TYPE SCINT
SEC.	1262.6 FNL 1100 FWL 23 113 3W GSWR.	RGE.	K-FACTOR 8.70×10^{-5}
DATE	4-16-77		DEAD TIME 7.1 μs
DEPTH DRILLED	720		TIME CONSTANT 1
DEPTH LOGGED	686		PROBE DIA. 1 5/8
FOOTAGE LOGGED	686		CALIPER
HOLE DIAMETER	5 5/8		DIRECTIONAL SURVEY
WATER FACTOR	1.22		TEMPERATURE
RESISTIVITY	50 OHMS/INCH		OPERATOR RITSERLING
SELF POTENTIAL	25 M.V./IN.		DRILLER JIM
BEGINS	1ST. RUN	2ND. RUN	3RD. RUN	CONTRACTOR UNIVERSAL
BOTTOM				LAST A.E.C. PIT RUN
TOP				FLUID LEVEL
TOTAL FEET				REMARKS.
SCALE RUN				

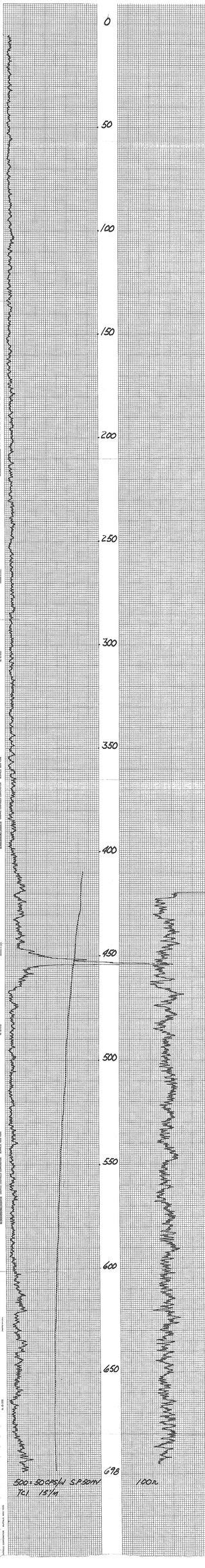


MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE	HOLE NO.	RM 514
COUNTY	YAVAPAI	STATE ARIZONA	GAMMA SCALE	500:50CPS
		PROBE TYPE	SCINT.
GP.	6656-7000 E	ELEV. 1967	K-FACTOR	5.70 x 10-5
	1444-1400 N	DEAD TIME	7.14 μ
	(602 965 2574)	TIME CONSTANT	1
SEC.	23/20 TWP. RGE.	PROBE DIA.	1.50
DATE	4-15-77	CALIPER	
DEPTH DRILLED	700	DIRECTIONAL SURVEY	
DEPTH LOGGED	698	TEMPERATURE	
FOOTAGE LOGGED	698	OPERATOR	PATTERSONS
HOLE DIAMETER	5.68	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	

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



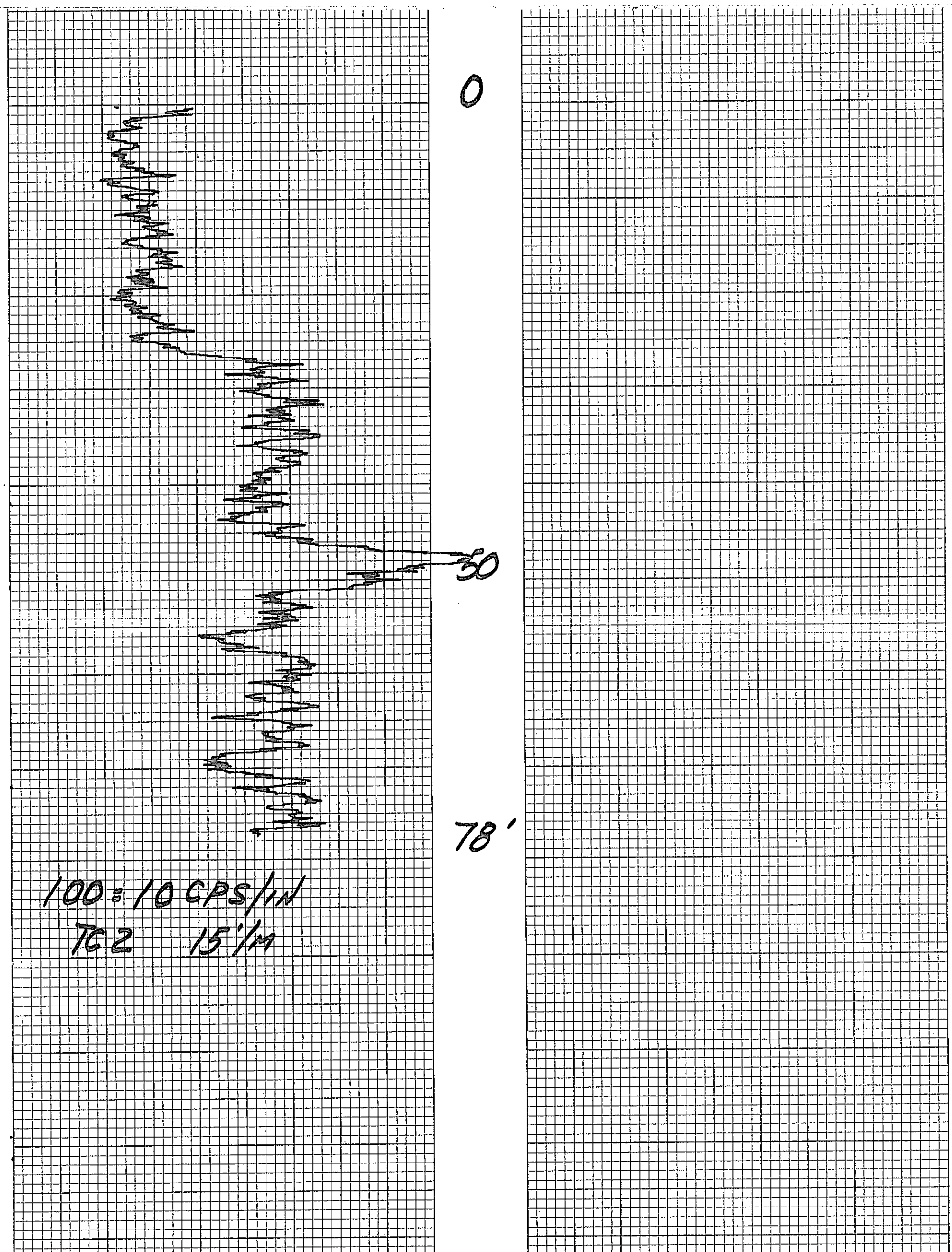
MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM 515

LOCATION	ANDERSEN MINE	GAMMA SCALE	100=10CPS/in
COUNTY	YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT.
GP.	~~1,214,554.4N~~ ~~642,544.4E~~ 1203934.46N	ELEV. 1671	K-FACTOR	5.70 x 10-5
			DEAD TIME	7.19 μ
			TIME CONSTANT	2
SEC.	88 852.55E	TWP.	RGE.	PROBE DIA.	1 5/8
DATE	4-19-77	CALIPER	
DEPTH DRILLED	80	DIRECTIONAL SURVEY	
DEPTH LOGGED	78	TEMPERATURE	
FOOTAGE LOGGED	78	OPERATOR	KETTERLING
HOLE DIAMETER	5	DRILLER	FREDDY
WATER FACTOR	–	CONTRACTOR	UNIVERSAL
RESISTIVITY	– OHMS/INCH	LAST A.E.C. PIT RUN
SELF POTENTIAL	– M.V./IN.	FLUID LEVEL

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



No. GC-13133
RECORDING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK

Field Name:		Rig Name:	
Well Name:		Rig Type:	
Operator:		Elevation:	
Date:		Date Spud:	
Time:		Date Completed:	
Total Depth:		Date Plug & Abd:	
Casing Size:		Casing Depth:	
Mud Type:		Mud Weight:	
Viscosity:		Fluid Loss:	
Resistivity:		Temperature:	
Source of Sample:		Rmf:	
Rmc:		Rmf @ Temp:	
Rw:		Rmc @ Temp:	
Rw @ Temp:		Rw @ Temp:	
Time Since Circ.:		Max. Rec. Temp.:	
Equipment No.:		Location:	
Recorded By:		Witnessed By:	

Comments: Charged Chamber at 2200 psi.
Gamma Probe at 20' above.

Run No.	1	Bit Size	
Depth Driller		Depth Logged	
Depth Logged		Top Log Int.	
Bottom Log Int.		Type Fluid	
Density		Viscosity	
Max. Rec. Temp.		Est. Cement Top	
Equipment		Location	
Recorded By		Witnessed By	

Run No.	Bit Size	From	To
1			

Type	Size	Wgt.	From	To

Type	Amount	Size	Sacks	Water	Lb/Gal	Yield	Mix

Type	Amount	Size	Sacks	Water	Lb/Gal	Yield	Mix

Type	Amount	Size	Sacks	Water	Lb/Gal	Yield	Mix

Type	Amount	Size	Sacks	Water	Lb/Gal	Yield	Mix

Max. Rec. Temp.: °F
Equipment No.:
Location:
Recorded By:
Witnessed By:

Time	Rate	Volume	Pressure

Time Since Circ.: 1
Max. Rec. Temp.: °F
Equipment No.:
Location:
Recorded By:
Witnessed By:

Comments: Charged Chamber at 2200 psi.
Gamma Probe at 20' above.

Run No.	1	Bit Size	
Depth Driller		Depth Logged	
Depth Logged		Top Log Int.	
Bottom Log Int.		Type Fluid	
Density		Viscosity	
Max. Rec. Temp.		Est. Cement Top	
Equipment		Location	
Recorded By		Witnessed By	

Run No.	Bit Size	From	To
1			

Type	Size	Wgt.	From	To

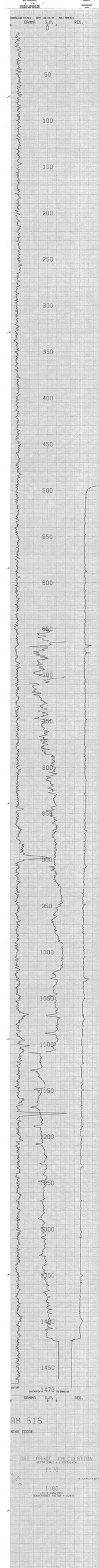
Type	Amount	Size	Sacks	Water	Lb/Gal	Yield	Mix

Type	Amount	Size	Sacks	Water	Lb/Gal	Yield	Mix

Type	Amount	Size	Sacks	Water	Lb/Gal	Yield	Mix

Max. Rec. Temp.: °F
Equipment No.:
Location:
Recorded By:
Witnessed By:

Time	Rate	Volume	Pressure



AM 516

MIKE COOGE

TRE GRADE CALCULATION

DEPTH (DIAL) + DISTANCE

1170

1180

DIA. OF WINDING
TRANSFORMER FACTOR = 5.875

FRONTIER LOGGING CORP.
Broomfield, Colorado

T.D. Drilled	1490 Ft.
Date	16 JAN 78
Bit Size	20 In. 0 To 1490 Ft.
Bit Size	In. To Ft.
Company	MINERALS EXPLORATION COMPANY
Bore Hole	AM 516 W
Bore Hole Fluid	H_2O
Casing	I.D. Ft.
Area/Project	ANDERSON MINE
Density	
Viscosity	
County	YAVAPAI
State	ARIZONA
Resistivity	
Section	16
Township	11N
Range	10W
Elevation	
Witness Logging	[signature]
Drive	Hrs.
Standby	Hrs.
Time In	1500
Logging	Hrs.
Time Out	1630
Total	Hrs.
Unit No.	104
Location	WICKENBURG, A[Z]
Operator	MICHAEL MEAGH[ER]

INITIAL LOG	
T.D. LOGGED	1042 Ft.
NATURAL GAMMA	50 CPS/In.
TIME CONSTANT	2 Sec.
LOGGING SPEED	25 Ft/Min
Gamma Calibration + Probe Data	
Source No.	251
Source Value	7800 CPS
Probe No.	103-1151
Probe Size	1 5/8
Detector	XTAL
Type & Size	3/4 x 1
Dead Time	5 (microsec)
K Factor	2.40×10^{-5}
Water Factor	1.70* For hole size 20 Ins.
Resistance	25 ohms per 5 Ins.
S.P.	50 Mv/In

NATURAL GAMMA RERUNS (Initial Log Offscale) OR GAMMA-GAMMA DENSITY

Scale	T.C.	Logging Speed	From	To	Total
= CPS/In.	Sec.	Ft./Min.	Ft.	Ft.	Ft.
= CPS/In.	Sec.	Ft/Min	Ft.	Ft.	Ft.
= CPS/In.	Sec.	Ft/Min	Ft.	Ft.	Ft.
= CP[S/In.]	Sec.	Ft[/Min]			

Remarks
DRILLED 20" HOLE SET 14"x.250" CSG TO 1460' (TD HOLE 1480')
PERF 22 (3"x1/8") SLOTTS/ROUND
2 ROUNDS/FT STAGGERED 540'-1460'
GRAVEL PACKED 0-TD
PROBE STOPPED AT 1042 COULD NOT PASS BRIDGE. *W.F. = 1.70 EXTRAPOLATED FROM KNOWN [...]

Analog, Gamma - Total Ft. Logged
Digital, Gamma - Total Ft. Logged
Caliper - Footage Logged From Ft To
Neutron, Footage Logged From Ft To
Temperature Footage Logged From Ft To

NATURAL GAMMA-RAY → CPS ← Initial Log
SELF POTENTIAL − ← MV → +
DENSITY Increases → CPS ←
RESISTANCE ———— ohms/5 Inches

Denver, Colo.

AM517	1385 Ft
SEC.	TWP. / RANGE
BIT SIZE	5 1/8 In.
CASING	—
AREA	ANDERSON MINE
BORE HOLE FLUID	H_2O + MUD
COUNTY	YAVAPAI
DENSITY / VISCOSITY	
STATE	ARIZONA
RESISTIVITY	
COMPANY	MINERALS EXPLOR.
OPERATOR	M. DODGE
DATE	3-16-78
UNIT NO.	7750
TOTAL FOOTAGE LOGGED	1385'
LOCATION	WICKENBERG, AZ.

C-366-E SP 11748B

DATE 3-16-78

COMPANY	MINERALS EXPLORATION
BORE HOLE	AM517
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
SECTION	
TOWNSHIP	
RANGE	
LOG MEASURED FROM	GROUND LEVEL

INITIAL RUN		GAMMA RERUNS (Initial run offscale)			
T.D. LOGGED	1385'	SCALE = Cps. Per In	SCALE = Cps. Per In.	SCALE = Cps. Per In.	DRIVE 0.5 Hrs. / TIME IN 1345
GAMMA SCALE	= 500 Cps. Per In.	T.C. Sec. / LOGGING SPEED Ft./Min.	T.C. Sec. / LOGGING SPEED Ft./Min.	T.C. Sec. / LOGGING SPEED Ft./Min.	STAND BY 0.5 Hrs. / TIME OUT 1515
TIME CONSTANT	LOGGING SPEED 60 Ft./Min.	FROM Ft.	FROM Ft.	FROM Ft.	LOGGING 1.5 Hrs.
CALIBRATION & PROBE DATA		TO Ft.	TO Ft.	TO Ft.	TOTAL 2.5 Hrs.
SOURCE NO.	SOURCE VALUE	TOTAL	TOTAL	TOTAL	ROUNDTRIP MILEAGE Miles
					CHARGEABLE STANDBY Hrs.

PROBE NO. 9055-23	PROBE SIZE 1 7/8 In.	TRACK USED: #3
DETECTOR NaI SCINT. XTAL	TYPE & SIZE 7/8"x4"	PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695×10⁻⁶
DEAD TIME 1.075 μSEC.	K FACTOR 5.58×10⁻⁶	RIG: HARRIS (JERRY)
WATER FACTOR 1.135	AIR FACTOR 1.00	
RES. SCALE 10 ohms per 1 inches		
S.P. 10 Mv/In.		

SELF POTENTIAL — MV +

NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY

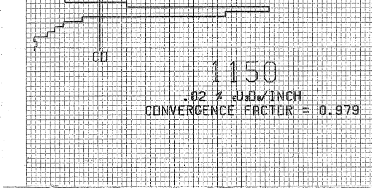
RESISTANCE OHMS

AM 517

MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH



.02 % eU_3O_8/INCH

CONVERGENCE FACTOR = 0.979

Form No.

Date Rec. 3-6-78 | Date Run 3-5-78

Company Exploration Production, Inc.

Well Name AM 518

Field Wildcat

County Mineral

State Colorado

Other Services Dual Induction Laterolog, Compensated Neutron Formation Density

Permanent Datum Ground Level | Elevation 5,214

Log Measured From Kelly Bushing | 12 Feet Above Perm. Datum

Drilling Measured From Kelly Bushing

Run No.	1		
Date	3-5-78		
Depth-Driller	1,331		
Depth-Logger	1,330		
Bottom Log Interval	1,329		
Top Log Interval	0		
Casing-Driller	8 5/8 @ 30	@	
Casing-Logger	30		
Bit Size	7 7/8		
Type Fluid in Hole	Water Gel		
Density	8.9		
Viscosity	40		
Fluid Loss	10		
Source of Sample	Flowline		
Rm @ Meas. Temp.	.8 @ 70	@	
Rmf @ Meas. Temp.	.8 @ 70	@	
Rmc @ Meas. Temp.	.8 @ 70	@	
Source: Rmf / Rmc	Measured / Calculated		
Rm @ BHT	.5 @ 100	@	
Time Since Circ.	12 Hours		
Max. Rec. Temp.	100		
Equipment Location	8 Miles		
Recorded By	Jones		
Witnessed By	Mr. Cooper		

Run No. 1

Time Log 1 | Time Log 2

Scale 1" = 100 Feet | Scale 1" = 50 Feet

Type Log Dual Induction Laterolog | Compensated Neutron Formation Density

Bottom Log Interval 1,329 | Top Log Interval 0

Casing-Driller 8 5/8 @ 30 | Casing-Logger 30

Bit Size 7 7/8 | Type Fluid in Hole Water Gel

Density 8.9 | Viscosity 40

Fluid Loss 10 | Source of Sample Flowline

Rm @ Meas. Temp. .8 @ 70 | Rmf @ Meas. Temp. .8 @ 70

Rmc @ Meas. Temp. .8 @ 70 | Source: Rmf / Rmc Measured / Calculated

Rm @ BHT .5 @ 100 | Time Since Circ. 12 Hours

Max. Rec. Temp. 100 | Equipment Location 8 Miles

Recorded By Jones | Witnessed By Mr. Cooper

Bottom Log Interval 1,329 | Top Log Interval 0

Casing-Driller 8 5/8 @ 30 | Casing-Logger 30

Bit Size 7 7/8 | Type Fluid in Hole Water Gel

Density 8.9 | Viscosity 40

Fluid Loss 10 | Source of Sample Flowline

Rm @ Meas. Temp. .8 @ 70 | Rmf @ Meas. Temp. .8 @ 70

Rmc @ Meas. Temp. .8 @ 70 | Source: Rmf / Rmc Measured / Calculated

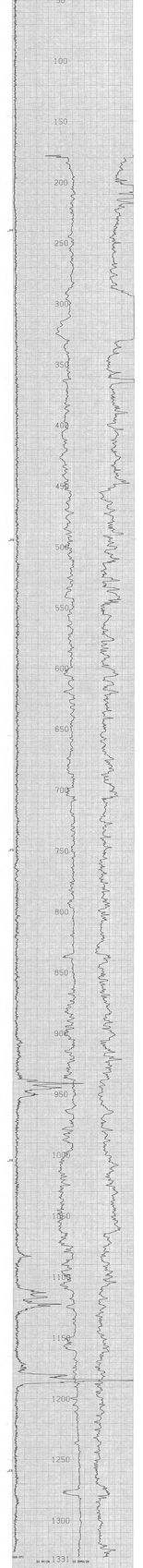
Rm @ BHT .5 @ 100 | Time Since Circ. 12 Hours

Max. Rec. Temp. 100 | Equipment Location 8 Miles

Recorded By Jones | Witnessed By Mr. Cooper

Remarks: Thank you for using Schlumberger

Schlumberger

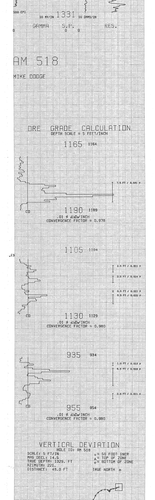


AM 518

MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE 0 FEET=1INCH



VERTICAL DEVIATION

SCALE: 0 FEET=1 INCH

TOTAL DEPTH: 1331.00 FT

MAX DEVIATION: 1.00 FT

POINTS: 201

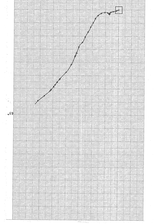
ESTIMATE: 24.0 FT

X = 0.0 FEET EAST

Y = 0.0 FEET NORTH

Z = 1331.00 FT DOWN

TRUE NORTH



Schlumberger

Western Atlas

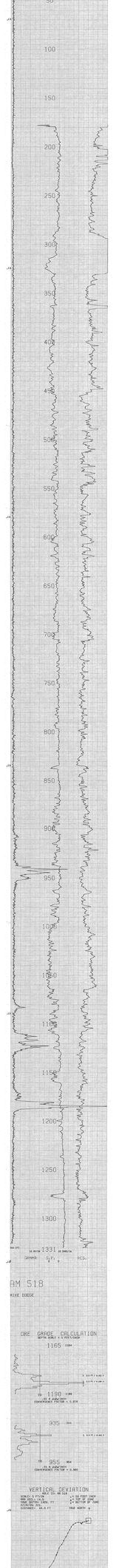
COMPANY			
WELL			
FIELD			
COUNTY			
STATE			
LOCATION			
SECTION	TWP.	RGE.	
PERMANENT DATUM		ELEV.	
LOG MEASURED FROM		ELEV.	
DRILLING MEASURED FROM		ELEV.	
DATE			
RUN NO.			
TYPE LOG			
DEPTH-DRILLER			
DEPTH-LOGGER			
BTM. LOG INTERVAL			
TOP LOG INTERVAL			
CASING-DRILLER			
CASING-LOGGER			
BIT SIZE			
TYPE FLUID IN HOLE			
DENSITY		VISCOSITY	
PH		FLUID LOSS	
SOURCE OF SAMPLE			
RM @ MEAS. TEMP.			
RMF @ MEAS. TEMP.			
RMC @ MEAS. TEMP.			
SOURCE RMF / RMC			
RM @ BHT			
TIME SINCE CIRC.			
TIME LOGGER ON BOTTOM			
MAX. REC. TEMP.			
EQUIP. LOCATION			
RECORDED BY			
WITNESSED BY			

F.B.L. CORP.

NOT PRINTING
VERTICAL SCALE 50
DEPTH SCALE 1" = 50 FT.

DEPTH-DRILLER 1331 DATE 10-24-78 HOLE ANG 0.0

GAMMA 0 API 100 RES. 0



AM 518

MIKE DODDE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FT/INCH

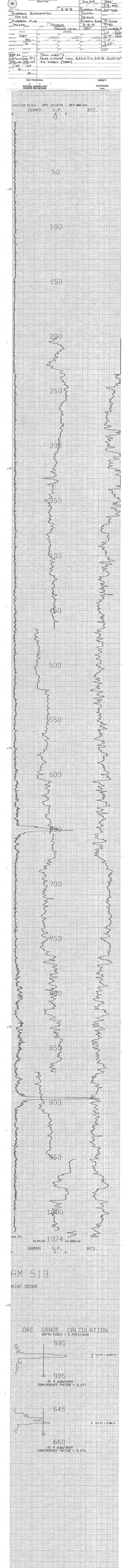
VERTICAL DEVIATION

DEPTH-DRILLER 1331 DATE 10-24-78

SCALE = 5 FT/INCH
MAG DECLINATION 0
DEVIATION SCALE FT
DEVIATION DEG
DISTANCE= 46.0 FT

+ = 50 FEET EAST
- = 50 FEET WEST
X = 50 FEET SOUTH
O = BOTTOM OF HOLE

TRUE NORTH


GAMMA
RES.
50
100
150
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1024
GAMMA
S.P.
RES.
AM 519
MIKE DODGE
ORE GRADE CALCULATION
DEPTH SCALE : 5 FEET/INCH
890
905
645
660

Century Geophysical Corporation
Denver, Colo.

C-366-E SP 11748B

DATE	3-21-78
COMPANY	MINERALS EXPLORATION
BORE HOLE	AM 520
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
SECTION	
TOWNSHIP	
RANGE	
LOG MEASURED FROM	GROUND LEVEL

HOLE NO.	AM 520
SEC. / TWP. / RANGE	
AREA	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
COMPANY	MINERALS EXPLOR.
DATE	3-21-78
TOTAL FOOTAGE LOGGED	1542'
T.D. DRILLED	1540'
BIT SIZE	5.1 In.
CASING	—
BORE HOLE FLUID	H_2O + MUD
DENSITY	
VISCOSITY	
RESISTIVITY	
OPERATOR	M. DODGE
UNIT NO.	7750
LOCATION	WICKENBERG, AZ
DRIVE	0.5 Hrs.
TIME IN	1700
STAND BY	1.0 Hrs.
TIME OUT	1830
LOGGING	1.5 Hrs.
TOTAL	3.0 Hrs.
ROUNDTRIP MILEAGE	Miles
CHARGEABLE STANDBY	Hrs.

INITIAL RUN	
T.D. LOGGED	1542'
GAMMA SCALE	500 Cps. Per In.
TIME CONSTANT	
LOGGING SPEED	120 Ft./Min.
CALIBRATION & PROBE DATA	
SOURCE NO.	
SOURCE VALUE	
PROBE NO.	9055-23
PROBE SIZE	1 7/8 In.
DETECTOR TYPE & SIZE	NaI SCINT. XTAL 7/8"x4"
DEAD TIME	6.75 μSEC.
K FACTOR	5.58 x 10⁻⁶
WATER FACTOR	1.135
AIR FACTOR	1.00
RES. SCALE	10 ohms per 1 inches
S.P.	20 Mv/In.

GAMMA RERUNS (Initial run offscale)

SCALE	T.C.	LOGGING SPEED	FROM	TO	TOTAL
Cps. Per In.	Sec.	Ft./Min.	Ft.	Ft.	
Cps. Per In.	Sec.	Ft./Min.	Ft.	Ft.	
Cps. Per In.	Sec.	Ft./Min.	Ft.	Ft.	

TRACK USED: #2
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695×10^{-6}
RIG: HARRIS (JERRY)

SELF POTENTIAL — MV +
NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY
RESISTANCE OHMS

COMPU-LOG V2.5L4 DATE 03-21-78 HOLE #AM 520

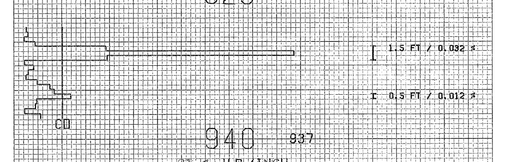
GAMMA S.P. RES.

AM 520

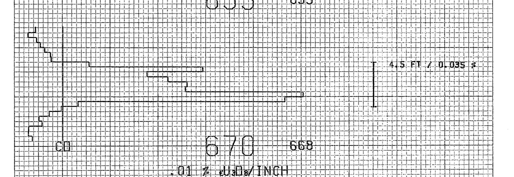
MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH



.01 % eU_3O_8/INCH
CONVERGENCE FACTOR = 0.980

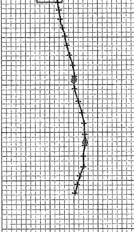


.01 % eU_3O_8/INCH
CONVERGENCE FACTOR = 0.980

VERTICAL DEVIATION

HOLE ID: AM 508
SCALE: 20 FT/IN
MAG DECL: 14.5
TRUE DEPTH: 1201. FT
AZIMUTH: 173.
DISTANCE: 86.5 FT

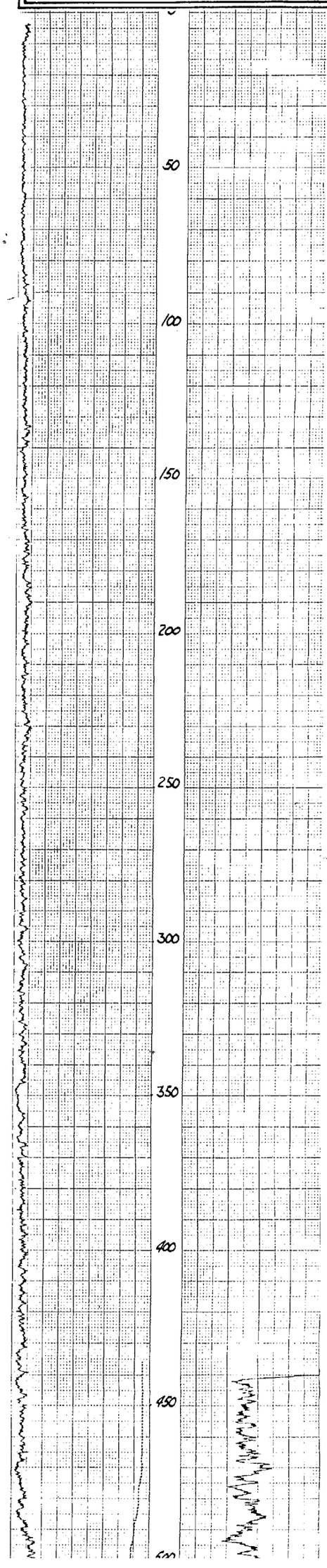
+ = 50 FOOT INCR
△ = TOP OF ZONE
◇ = BOTTOM OF ZONE
TRUE NORTH ↑



PROJECT Anderson Mine HOLE SIZE ☑ AIR ☑ WATER HOLE NO. Page 1 of 2 Am 511

ELEVATION NORTH EAST LOGGED BY CZH DATE 4-17-77

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



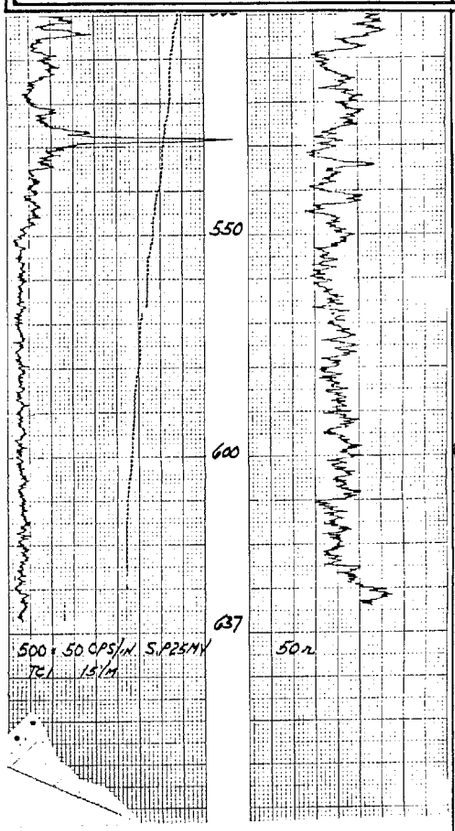
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Cgl, QAL? Granitic + Volcanic Pebs + Boulders Tan
	20					
	40					Basalt, DK Gry to Blk
50	60					
	80					Cgl, Red Brn, Bake Zone
100	100					
	20					SS, Tan, Slty, Fine
	40					
150						Sltst, Grn
	60					Sltst Tan
	80					Sltst, Gry
200	200					
	20					
	40					
250						SS, Tan to Yel Tan, Slty to V. Slty, Fine to Med, Sub Ang
	60					
	80					
300	300					
	20					V. Slty
	40					
350						Sltst Pale Grn to Grn, w/ Wht Calc Tuff or Ls
	60					
	80					Sltst Tan Grn
400	400					
	20					Sltst, Grn, Trace Silicification, Bentonitic
	40					
450						
	60					
	80					Sltst, Tan, Grn, Sndy
						Sltst, Pale Grn Bentonitic Trace Wht Calc Tuff or Ls
500	500					

PROJECT Anderson Mine HOLE SIZE ____ ☑ AIR ☑ WATER HOLE NO. AM511 Page 1 of 1

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CZH DATE 4-17-77

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Sltst, Grn, Bentonitic

Sltst, Grn, Silicified w/ Grn Sub Chert and Wht Calc Tuff or LS, Bentonitic Calcareous

Smdy

Interbdd SS + Grn Sltst + Red Sltst + Wht Calc Tuff or LS

SS? WATER SAND Hole Not Bottomed Caving at Base To Much Water Fine to Med, Sub-Ang

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE

COUNTY YAVAPAI STATE ARIZONA

GP. 1000 S 91 - 5W 636 201 SE ELEV. 1980

SEC.	TWP.	ROE.

DATE	4-17-77		
DEPTH DRILLED	640		
DEPTH LOGGED	637		
FOOTAGE LOGGED	637		
HOLE DIAMETER	5		
WATER FACTOR	1.19		
RESISTIVITY	50 OHMS/INCH		
SELF POTENTIAL	25 M.V./IN.		
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

HOLE NO. AM 511

GAMMA SCALE 500 = 50 CPS/IN.

PROBE TYPE SCINT

K-FACTOR 5.70 x 10⁻⁵

DEAD TIME 7.14 μ

TIME CONSTANT 1

PROBE DIA. 1.5/4

CALIPER

DIRECTIONAL SURVEY

TEMPERATURE

OPERATOR PETERLINK

DRILLER CRAGAR

CONTRACTOR UNIVERSAL

LAST A.E.C. MT RUN

FLUID LEVEL

REMARKS

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 512

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY C.H. DATE 4-16-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 700 P.D. ____

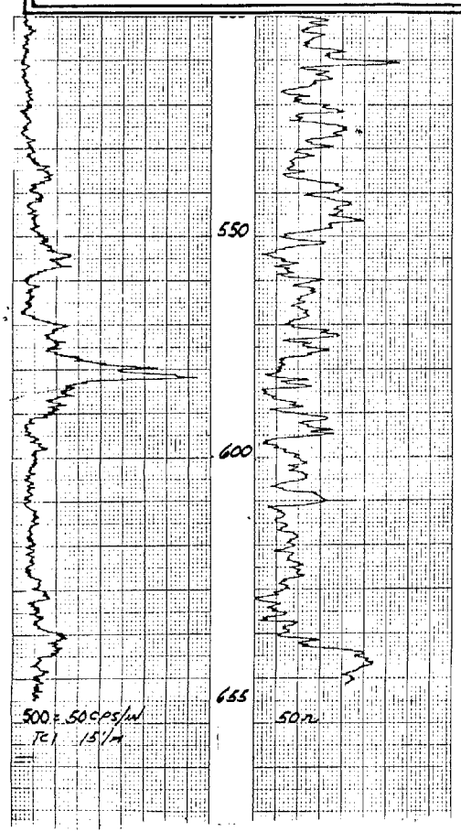
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					Cgl, Tan, W/Granitic & Volcanic Pebs & Boulders
	40					
50	60					3 Red Brn Basalt, Gry to Blk
	80					
						Cgl, Red Brn, Slty, Sndy, Bake Zone
100	100					
	20					SS, Tan, slty to V. Slty, Fine
	40					
150	60					
	80					
200	200					
	20					
	40					Sltst Tan Grn to Tan to Brn Sndy to V. Sndy
250	60					
	80					
300	300					
	20					
	40					SS, Tan, Granitic, Med to Crs, Sorting Poor sub Ang, Arkosic, W/Thin Entedd Tan Sltst
350	60					
						Sltst, Tan
	80					Sltst, Tan Grn to Grn, Bentonitic
400	400					Sltst, Pale Grn, W/ Wht calc Tuff or Ls
	20					
	40					LOST CIRCULATION NO SAMPLES
450	60					
	80					Sltst, Grn, Bentonitic, Wht Calc Tuff or Ls in Traces.

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM ~~515~~ 512

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY C ~~ZH~~ DATE 4-16-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 700 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, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80

Lithology log:

- Sltst Grn to Tan Grn Bentonitic Trace Silicification, Wht Calc Tuff orbs Commonly Intbdd, SS Intbdd.
- Sndy to V. Sndy Tan sub Ang med to crs
- Intbdd SS (Tan) and Red sltst W/ Red Brn Andesitic Volcanic Frags
- Andesitic Volcanics Gry Brn W/ Abnt Calcite fillings

MINERALS EXPLORATION CO.

CASPER, WYOMING		HOLE NO.	AM 512
LOCATION ANDERSEN MINE		GAMMA SCALE	500 = 50 CPS/IN
COUNTY YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT
GP. 700 370.0 N / 636 833.1 E	ELEV. 2008	K-FACTOR	5.70 x 10^-5
		DEAD TIME	7.14 m
SEC.	TWP. RGE.	TIME CONSTANT	1
DATE	4-16-77	PROBE DIA.	1 5/8
DEPTH DRILLED	700	CALIPER	
DEPTH LOGGED	655	DIRECTIONAL SURVEY	
FOOTAGE LOGGED	655	TEMPERATURE	
HOLE DIAMETER	5	OPERATOR	KETTERLING
WATER FACTOR	1.19	DRILLER	FREDDY
RESISTIVITY	50 OHMS/INCH	CONTRACTOR	UNIVERSAL
SELF POTENTIAL	- M.V./IN.	LAST A.E.C. PIT RUN	
		FLUID LEVEL	
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	REMARKS:	
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 513

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** C Zell **DATE** 4-16-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 720 **P.D.** _____

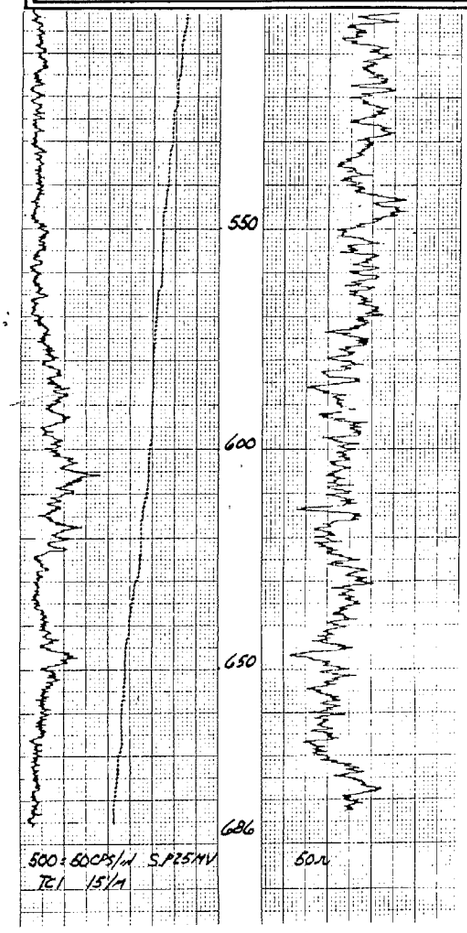
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					Cgl, w/Granitic + Volcanic Pebs + Boulders LT Tan to Tan
	40					
50						— Mostly Volcanics
	60					Cgl, Red Tan, Bake Zone ???
	80					
100	100					SS, Vol Tan to Tan, Fine, Some Pebs, Granitic, Silty to V. Silty
	20					
	40					
150						
	60					
	80					
200	200					
	20					
	40					Sltst, Tan to Tan Grn to Tan Brn, Sndy to V. Sndy
250						
	60					
	80					
300	300					
	20					
	40					
350						
	60					

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 513

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CZH DATE 4-16-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 720 P.D. ____

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



Depth scale: 20, 40, 60, 80, 600, 20, 40, 60, 80, 700, 720, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80

Lithology log:

- Sltst, Pale Grn, Wht CalcTuff Com,
- Sltst, Tan Grn to Grn, Samples Poor Fine Sand in Some Samples
- SS + Intbdd Grn + Wht silicified Sltst
- Intbdd Red + Grn Sltst, SS or silicified Sltst, Grn to Red Grn
- SS + Sltst w/ Weathered Red Brn Volcanic Frags,
- Andesitic Volcanics, Gry Brn, w/ Calcite Fillings

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE	HOLE NO.	AM 513
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	1200.210.7N 636.745.2E	ELEV.	1982
SEC.	TWP.	RGE.	
DATE	4-16-77		
DEPTH DRILLED	720		
DEPTH LOGGED	686		
FOOTAGE LOGGED	686		
HOLE DIAMETER	6.5/8		
WATER FACTOR	1.22		
RESISTIVITY	50	OHMS/INCH	
SELF POTENTIAL	25	M.V./IN.	

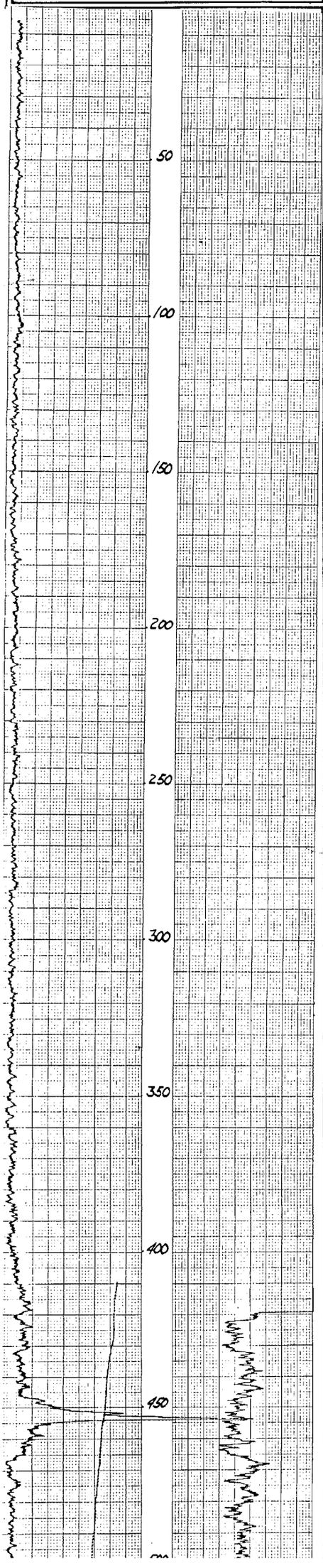
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

GAMMA SCALE	500=50 CPS/in
PROBE TYPE	Scint
K-FACTOR	5.70×10⁻⁵
DEAD TIME	7.14
TIME CONSTANT	1
PROBE DIA.	1.5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Ketterling
DRILLER	Jim
CONTRACTOR	Universal
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS	

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM514

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY CZH DATE 4-15-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 700 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						

Cgl, Tan, Granitic w/Trace Volcanics

SS Cgl, Tan, Silty

SS, Fine to Med, Tan to Grn Tan Silty to V. Silty

Siltst, Grn, Sndy at Top

Wht Calc Tuff or Ls

Siltst, Grn, Bentonitic,

Siltst, Gry Grn, Trace silicification

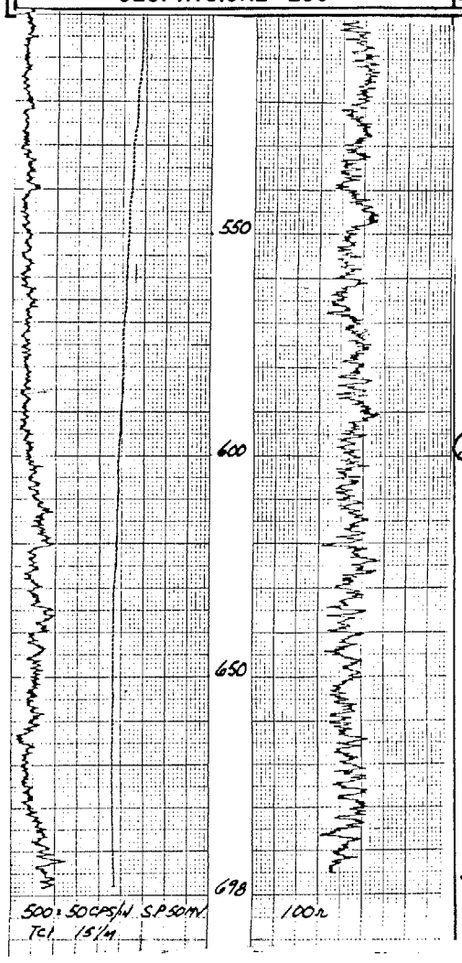
Siltst, Grn, Bentonitic

Silicified Siltst, Grn Siltst + Wht Calc Tuff or Ls

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. AM 514

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY C. ZH DATE 4-15-77

SECTION ____ TOWNSHIP ____ RANGE ____ T.D. 700 P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					SS, Tan, Med to Crs, Sub Ang, Sorting Poor, Arkosic,
	40					
	60					
	80					Intbdd Grn Sltst + Tan SS,
	600					
	20					Intbdd Red + Grn Sltst + Tan SS Trace Limonite staining
	40					
	60					Intbdd Tan to Red Tan SS + Grn Sltst Grn to Tan Grn, Med, Sorting Poor, Sub Ang
	80					
	700					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					

MINERALS EXPLORATION CO.

CASPER, WYOMING

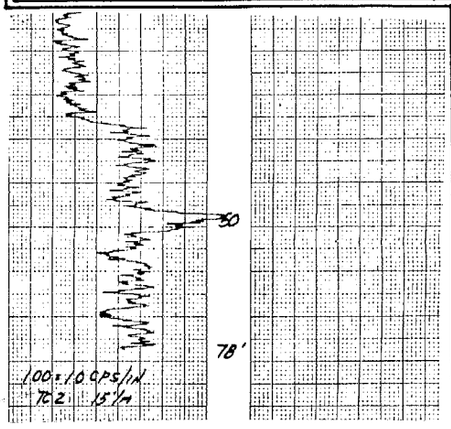
LOCATION	ANDERSON MINE		
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	636.136.0 E	ELEV.	1967
SEC.	TWP.	RGE.	
DATE	4-15-77		
DEPTH DRILLED	700		
DEPTH LOGGED	698		
FOOTAGE LOGGED	698		
HOLE DIAMETER	5.56		
WATER FACTOR	1.72		
RESISTIVITY	100	OHMS/INCH	
SELF POTENTIAL	50	MV./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

HOLE NO.	AM 514
GAMMA SCALE	500: 50CPS/d
PROBE TYPE	SCINT.
K FACTOR	5.70 X 10-5
DEAD TIME	7.5 μ
TIME CONSTANT	1
PROBE DIA.	1.56
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	RATTERMAN
DRILLER	JIM
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☑ WATER HOLE NO. Am 515

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

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					Cgl V. Crs Tan W/ Volcanic & Granitic Pebs & Boulders, Arkosic Crs Sand
	40					
	60					Granite, Pinkish Gry, Crs Crystaline to Pegmatic
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION ANDERSEN MINE			
COUNTY YAVAPAI	STATE ARIZONA		
GP. 1,201,334.10 / 243,224.12	ELEV. 1671		
SEC.	TWP.	RGE.	
DATE 4-14-77			
DEPTH DRILLED 80			
DEPTH LOGGED 78			
FOOTAGE LOGGED 78			
HOLE DIAMETER 5			
WATER FACTOR --			
RESISTIVITY -- OHMS/INCH			
SELF POTENTIAL - MV./INL			
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			

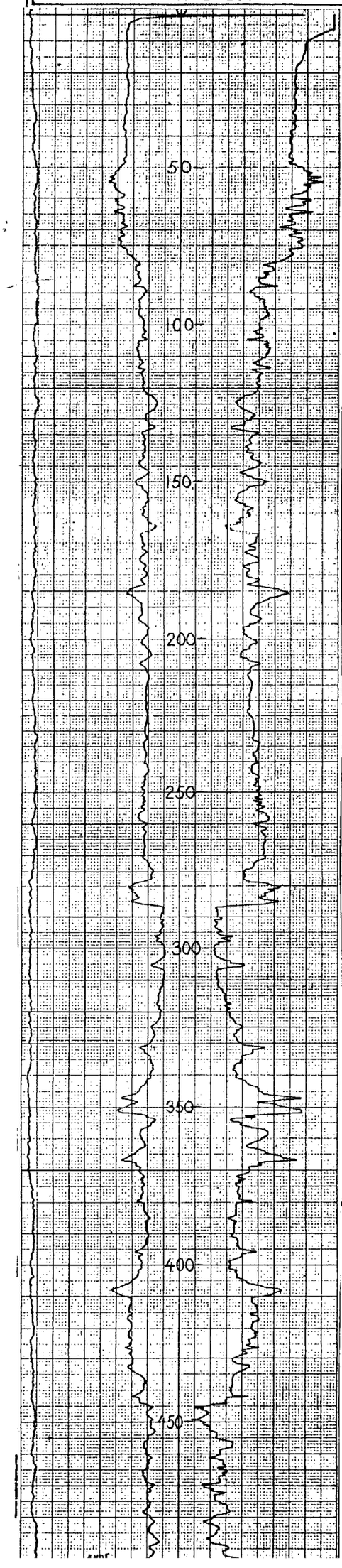
HOLE NO.	AM 515
GAMMA SCALE	100=10 CPS/in
PROBE TYPE	SCINT.
K FACTOR	5.70 x 10-5
DEAD TIME	7.14
TIME CONSTANT	2
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	FREDDY
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS	

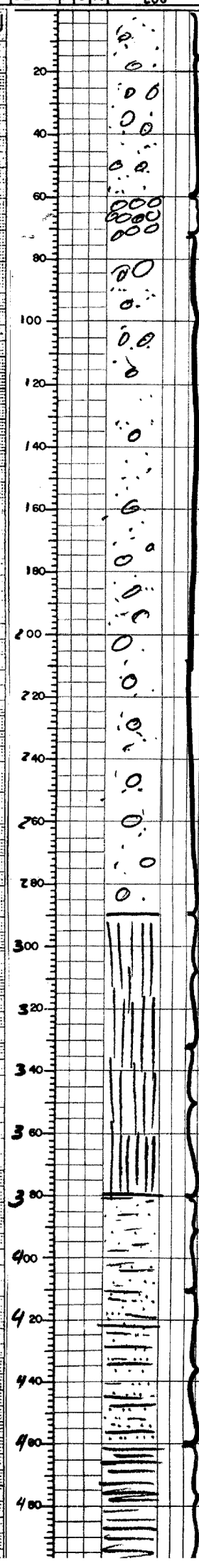
PROJECT ANDERSON MINE HOLE SIZE 20" ☐ AIR ☒ WATER HOLE NO. AM 516W

ELEVATION 2014.5 NORTH 4,200 993 EAST 80,978 LOGGED BY LUCHT DATE 16 JAN 78

SECTION 16 TOWNSHIP 11 N RANGE 10 W T.D. 1480 P.D. 1042

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





1/4" GRAVEL TO V.C.S. MOSTLY LITHIC (GRANITIC + VOLCANIC)

1" GRAVEL TO 1/4" GRAVEL OBVIOUSLY BROKE BY BIT

1/4" GRAVEL TO V.C.S. SIMILAR TO 0-60'

RED WEATHERED BASALT

BLACK BASALT

ORANGE-RED SILTY SAND (BAKED ZONE OF PALEO SOIL)

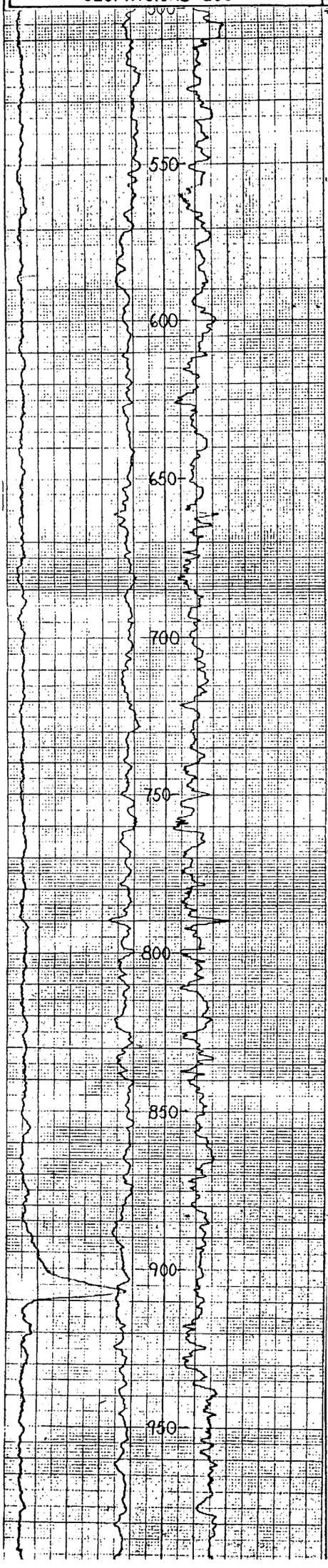
CHALKY PINK, SILTY, ARG. M.-V.C. SAND.

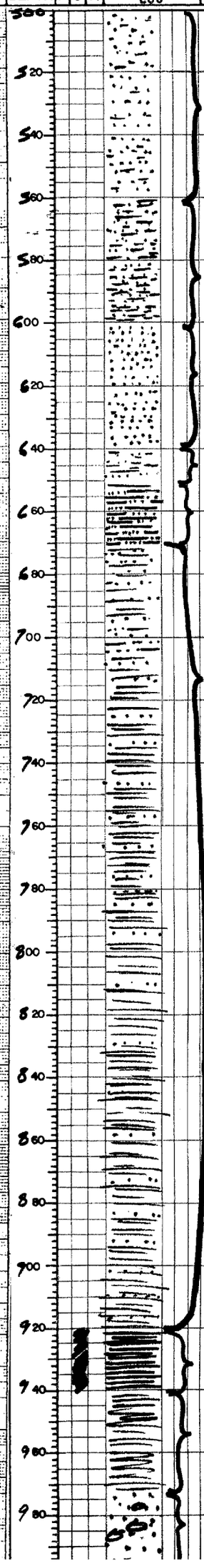
BROWN CLAY

PROJECT ANDERSON MINE HOLE SIZE 20" ☐ AIR ☒ WATER HOLE NO. AM 516W

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 16 JAN 78

SECTION 16 TOWNSHIP 11 N RANGE 10 W T.D. 1480 P.D. 1042





LITHOLOGY LOG

BROWN, SLIGHTLY SILTY, COARSE TO MEDIUM SAND

SAME AS ABOVE BECOMES V. ARG. AND SILTY

BROWN, V.C. TO F. SAND FAIRLY CLEAN

BROWN, SILTY, M.-F. SAND.

PINK AND BROWN SILTSTONE

BROWN SANDY SILT BECOMING GREENISH WITH DEPTH

SILTY GREEN CLAY WITH BIG (3/4") CHUNKS OF LIGNI

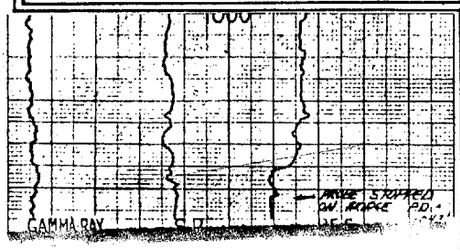
AS ABOVE W/O LIGNITE

PROJECT ANDERSON MINE HOLE SIZE 20" ☐ AIR ☒ WATER HOLE NO. AM 516 W

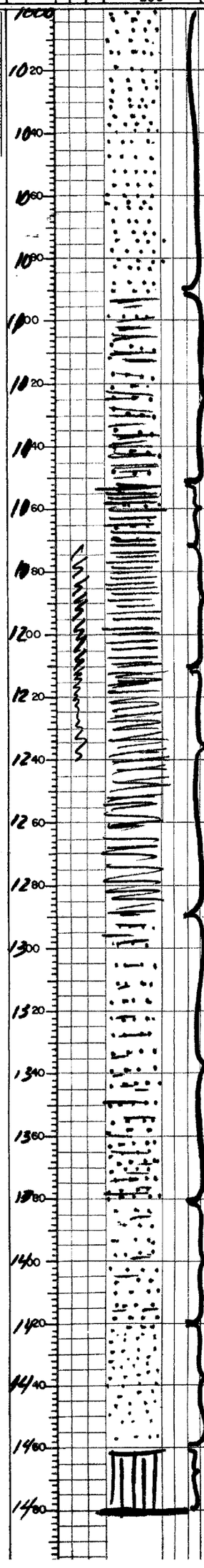
ELEVATION ____ NORTH ____ EAST ____ LOGGED BY LUCHT DATE 16 JAN 78

SECTION 16 TOWNSHIP 11 N RANGE 10 W T.D. 1480 P.D. 1042'

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



PROBE STOPPED AT 1042'



BROWN 1/8" GRAVEL TO M. SAND GRANITIC SUB-ANG. APPEARS V. HIGH PORO.

SAND AS ABOVE BECOMING V. SILTY

BROWN SANDY SILT

BLUISH GRAY SILT. SLIGHTY SANDY. ABUNDANT CARBON

SANDY, BRWN + GRNISH BRWN CLAY. A. CARBON. SOME LIGNITE 1210-1240

BROWN SILTY SAND V.C. -M.

V.C. -M. SAND. LESS SILTY

BROWN V.C. -F. SAND

BLACK VOLCANICS

T.D. DRILLED

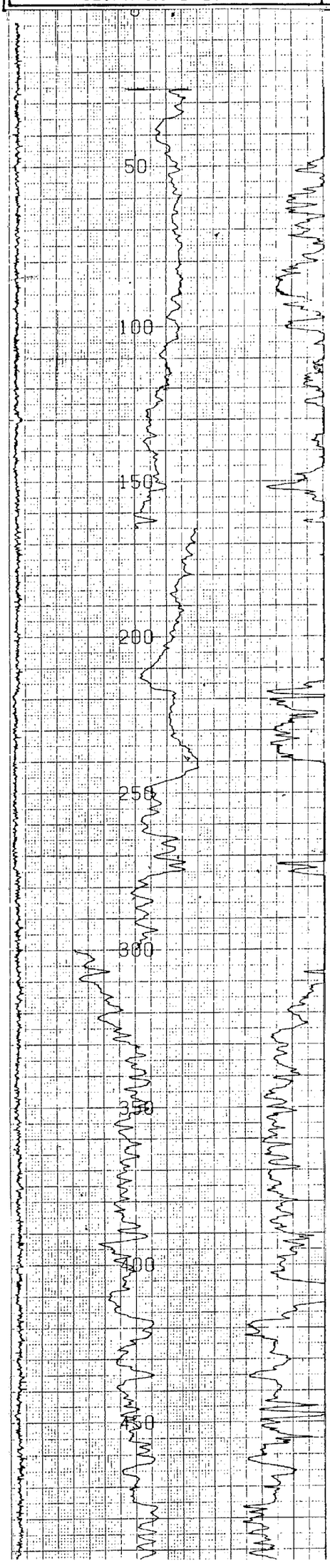
14" x .250 CSG TO 1460

PROJECT _____ HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. AM 517

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY _____ DATE _____

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



0-210 BROWN TO RED CONG.

210-235 RED CLAY

235-270 BLACK BASALT

270-280 RED SAND (V.F.)

280-295 V.C-M. RED SAND

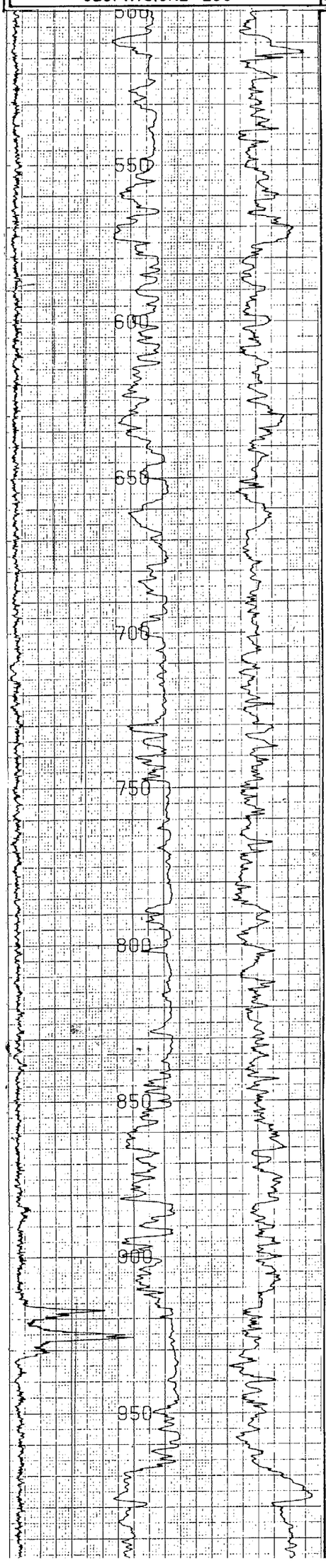
295-890 LT BROWN CONG. AND SAND

PROJECT _____ HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. AM 517

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY _____ DATE _____

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



890 - 920 LT BRN SILT WITH SAND

920 - 960 DK GRAY LIGNITI SHALE W/ MUCH SAND

960 - 1000 TAN TO REDDISH ORANGE SAND

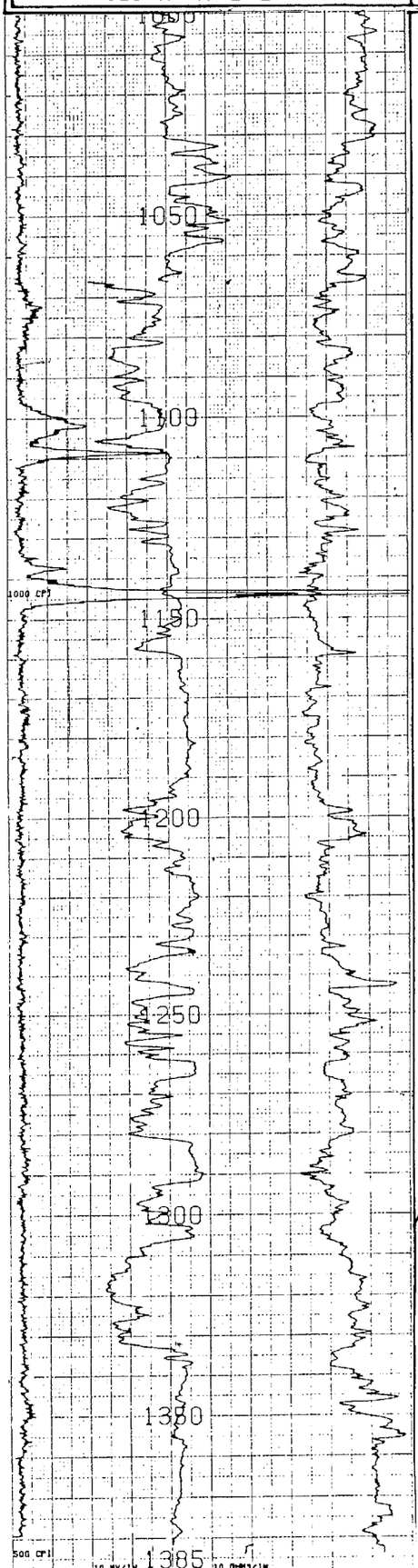
PROJECT _____ HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. AM 517

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE _____

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 1380 P.D. _____

HARRIS CENTURY

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



1000 – 1360 REDDISH ORANGE SAND THROUGH-OUT TRACE OF CARBON 1200-1220

1360-1380 ANDESITE

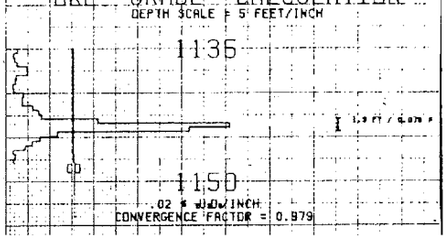
TD

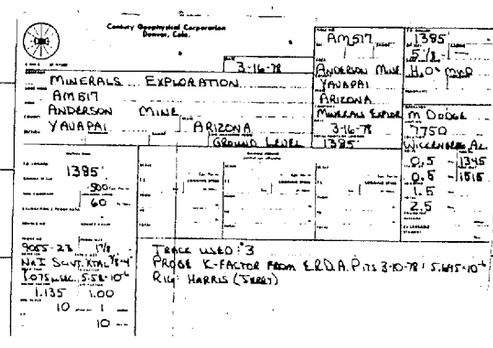
AM 517

MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5' FEET/INCH





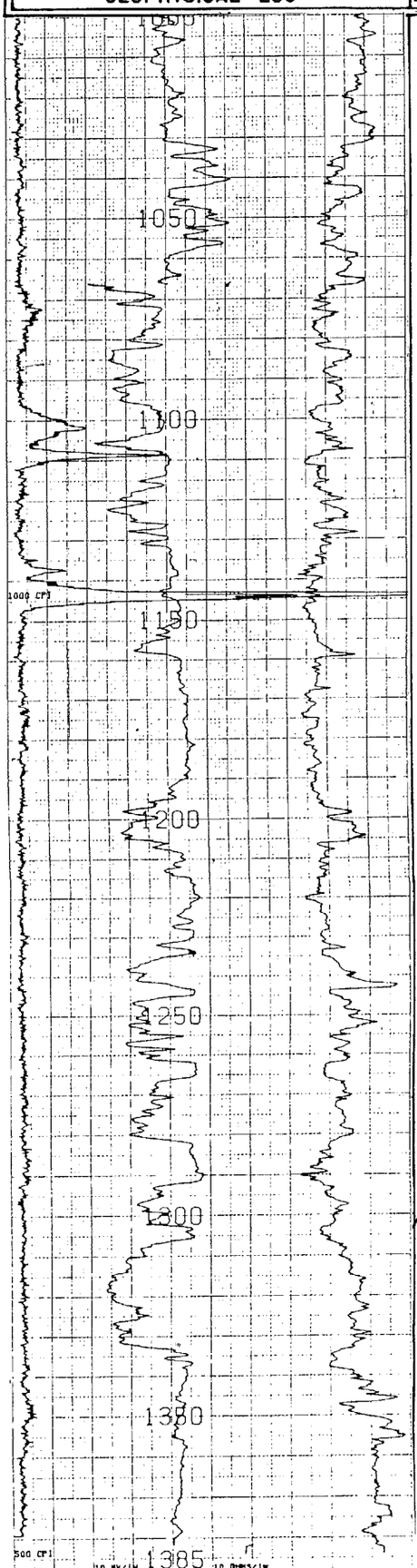
PROJECT _____ HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. AM 517

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE _____

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 1380 P.D. _____

HARRIS CENTURY

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



1000 – 1360 REDDISH ORANGE SAND THROUGH-OUT TRACE OF CARBON 1200-1220

1360-1380 ANDESITE

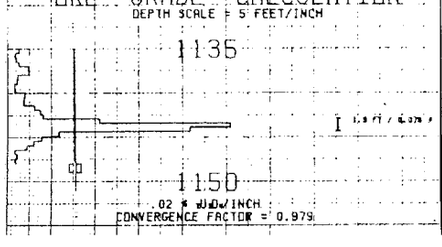
TD

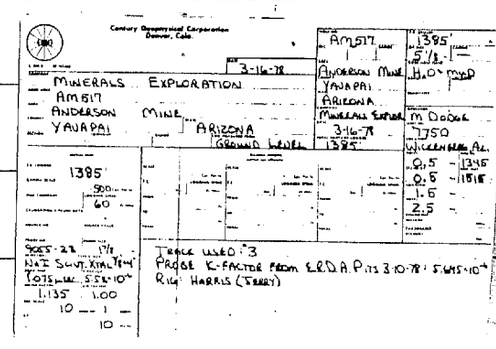
AM 517

MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH



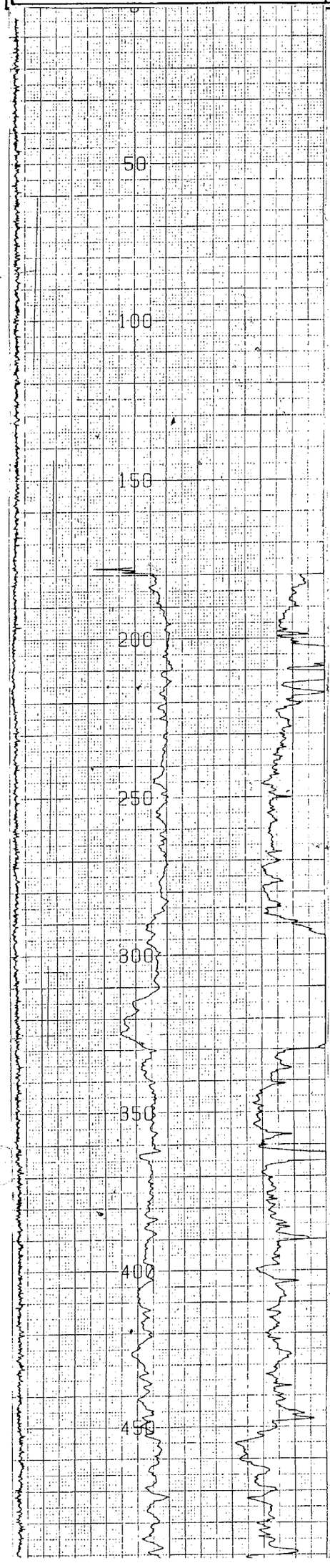


PROJECT ANDERSON MINE HOLE SIZE 5" ☐ AIR ☒ WATER HOLE NO. AM 518

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 25 MAR 7

SECTION 16 TOWNSHIP 11 N RANGE 10 W T.D. _____ P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



0-200 ¼" PEBBLES TO V.C. SAND - UPPER CONG.

200-220 BLACK BASALT

220 - 360 WHITE CONG W/ SOME BASALT CHIPS

360 - 440 AS ABOVE W/ LIMONITE STAIN

440 - 480 CONG. W/O LIMONITE

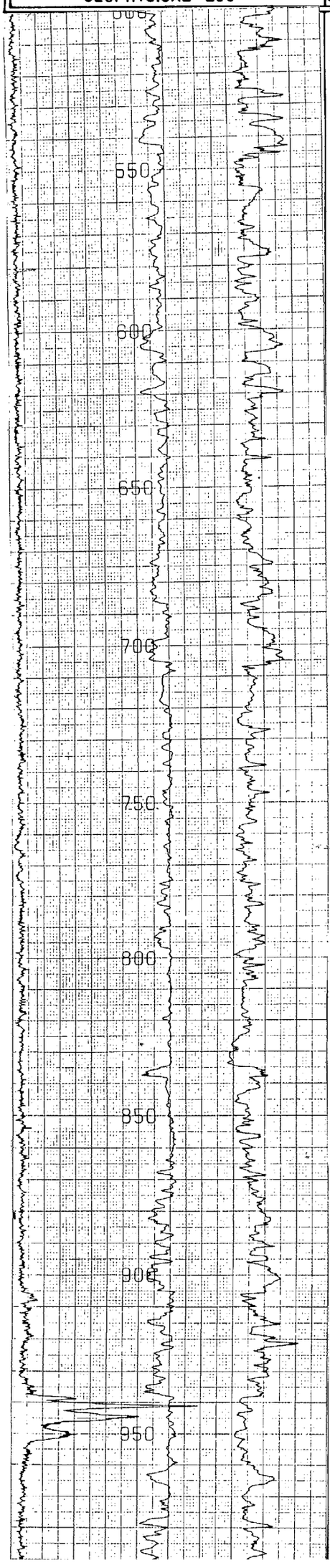
480 - 560 M TO V.F. SAND

PROJECT ANDERSON MINE HOLE SIZE 5" ☐ AIR ☒ WATER HOLE NO. AM 518

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 15 MAR 78

SECTION 16 TOWNSHIP 10N RANGE 10 W T.D. _____ P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



560 – 850 V.C. SAND AND 1/4" PEBBLES

850 – 925 SILTY SAND

925 – 945 SHALE W/ LIGNITIC SHALE

V. A. CARBON THROUGHOU

945 – 980 AS ABOVE W SOME BUT NOT AS MUCH CARBON

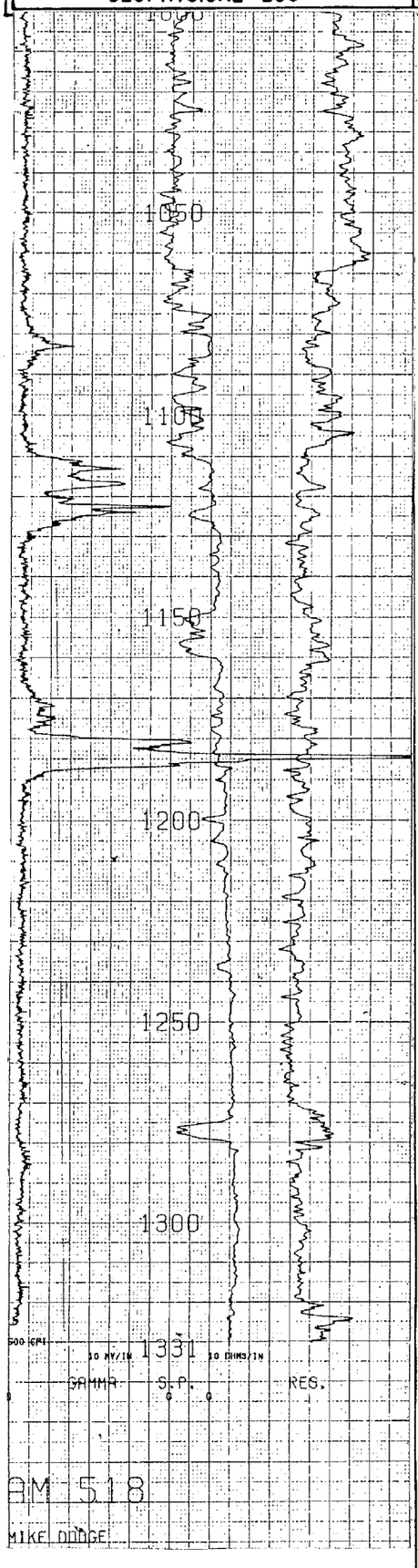
PROJECT A.M. HOLE SIZE 5" ☐ AIR ☒ WATER HOLE NO. AM 518

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY LUCHT DATE ____

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

HARRIS DRLG - CENTURY PAGE 3 OF 3

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



980- 1100 V.C. TO MED SAND. ABUNDANT LIMONITE STAIN.

1100' - 1140 GREENISH BROWN SHALE W/ A. LIGNITIC SHALE. MUCH SAND - COULD BE FROM ABOVE

1140 - 1240 MOSTLY SAND STILL SOME LIGNITIC SHALE FRAGS.

1240 - 1280 M-F. SAND W LIMONITE

1280 - 1320 M-F SAND A. VOLCANICS

1320-1325 VOLCANICS

T.D. 1325

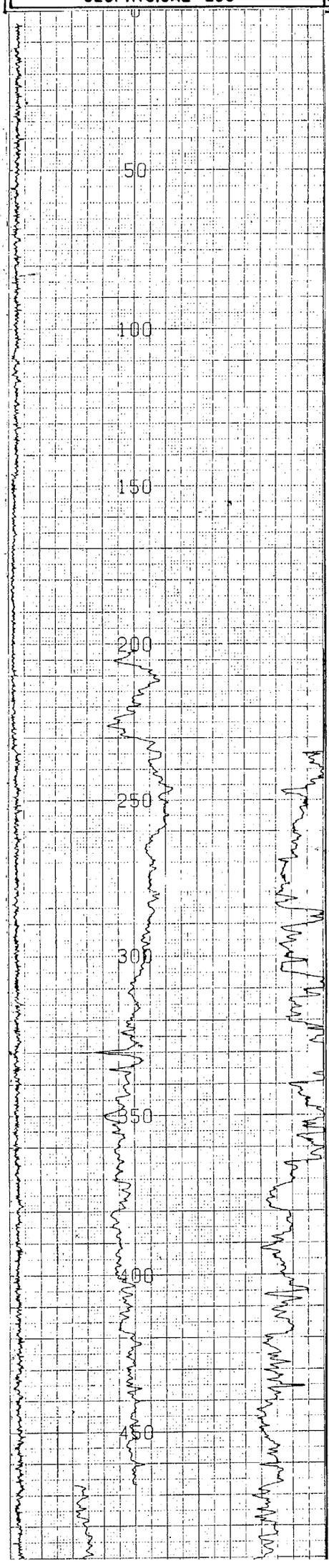
PROJECT ANDERSON MINE HOLE SIZE 5 ☐ AIR ☒ WATER HOLE NO. AM 519

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 18 MAR 78

SECTION 16 TOWNSHIP 11N RANGE 10W T.D. 1020 P.D. _____

HARRIS - CENTURY

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



0-155 UPPER CONG.

PAGE 1 OF 2

155-205 BLACK AND RED BASALT

205-240 CHOCOLAT BROWN SILT

240-280 REDDISH ORANGE V.C. TO M. CONG.

280-300 WHITE CEMENTED SANDSTONE

300-400 BUFF M. TO C. SAND AND CONG.

400-435 ORANGE SILTY SAND

435-500 BROWN SILTY SAND

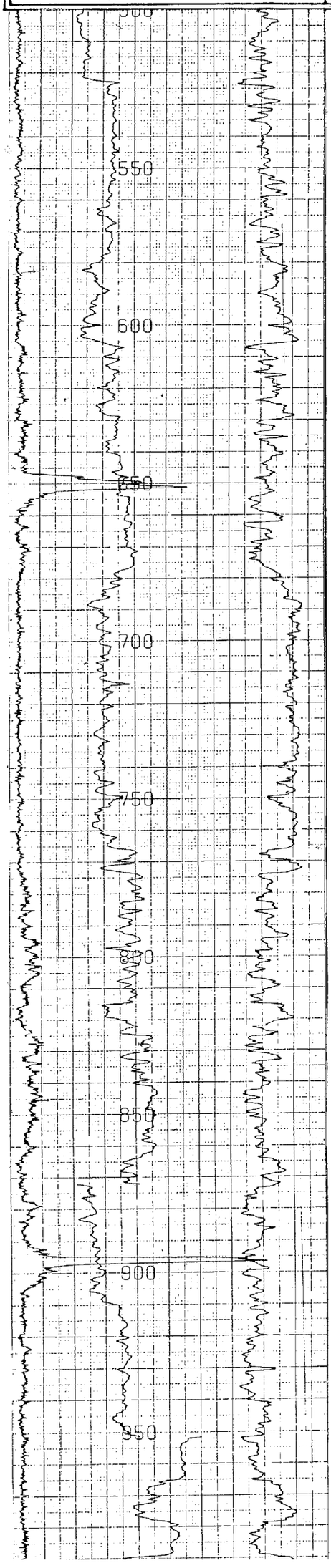
PROJECT _____ HOLE SIZE 5 ☐ AIR ☒ WATER HOLE NO. AM 519

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 18 MAR 78

SECTION 16 TOWNSHIP 11N RANGE 10W T.D. 1020 P.D. _____

HARRIS - CENTURY

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



500-580 BROWN CLAY

PAGE 2 OF 2

580-600 BROWN ARENACEOUS CLAY

600-675 GREENISH BROWN SANDY CLAY

675-700 GRAY CLAY W/ ABUNDANT BLACK LIGNITE

700-720 GREEN CLAY W/ SOME SAND

720-900 M. TO C. BROWN SAND

900-920 GREEN SILT W/ AB. LIGNITE

920-975 GREEN TO YELLOW V.C. TO M. SAND

975-1000 RED ANDESITIC AGGLOMERATE

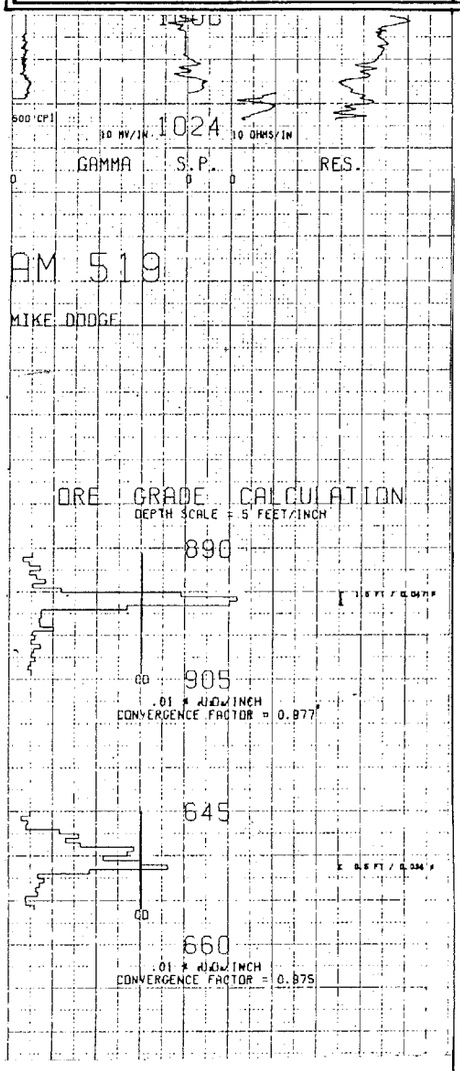
1000-1020 ANDESITE

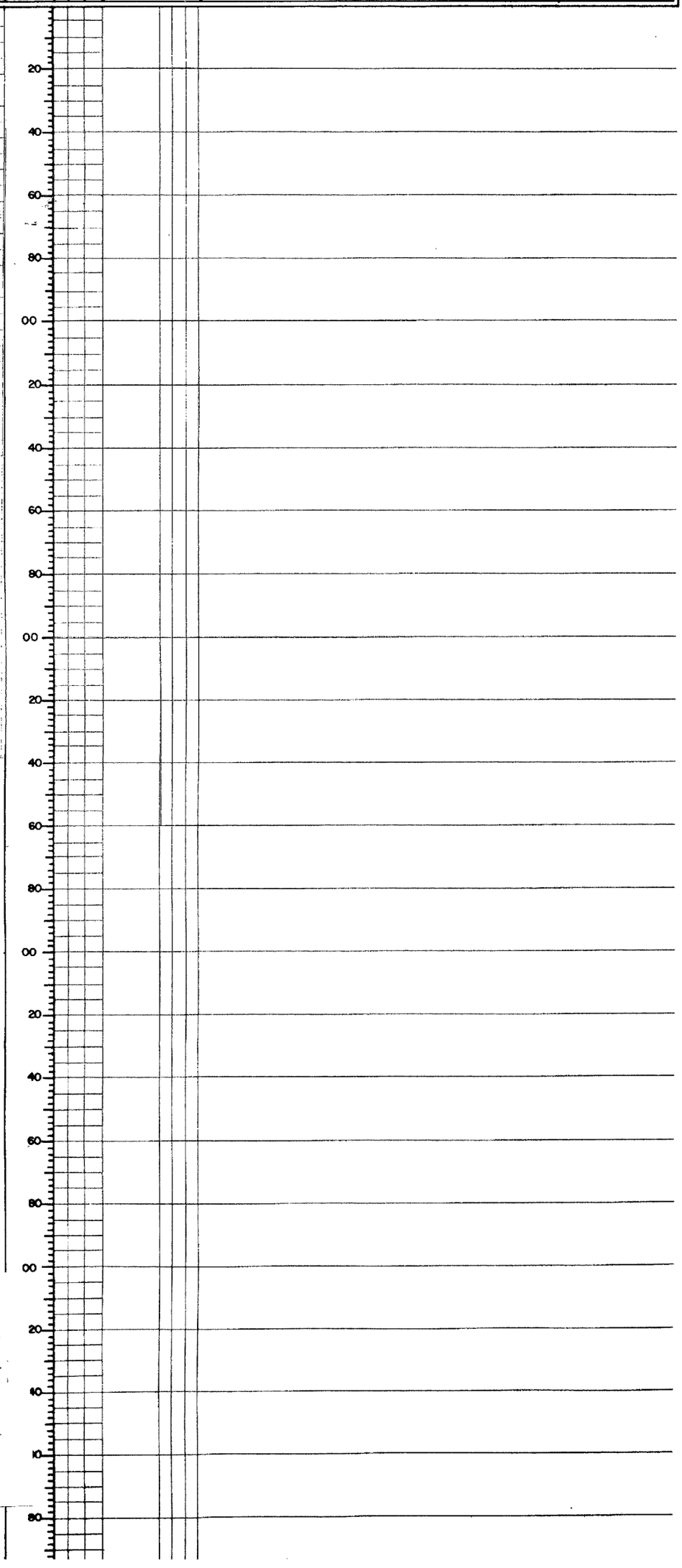
PROJECT _____ HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. AM 519

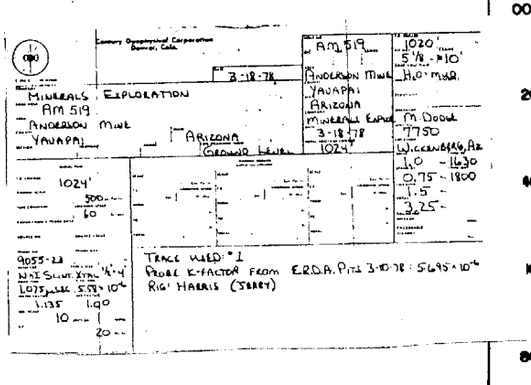
ELEVATION _____ NORTH _____ EAST _____ LOGGED BY _____ DATE _____

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





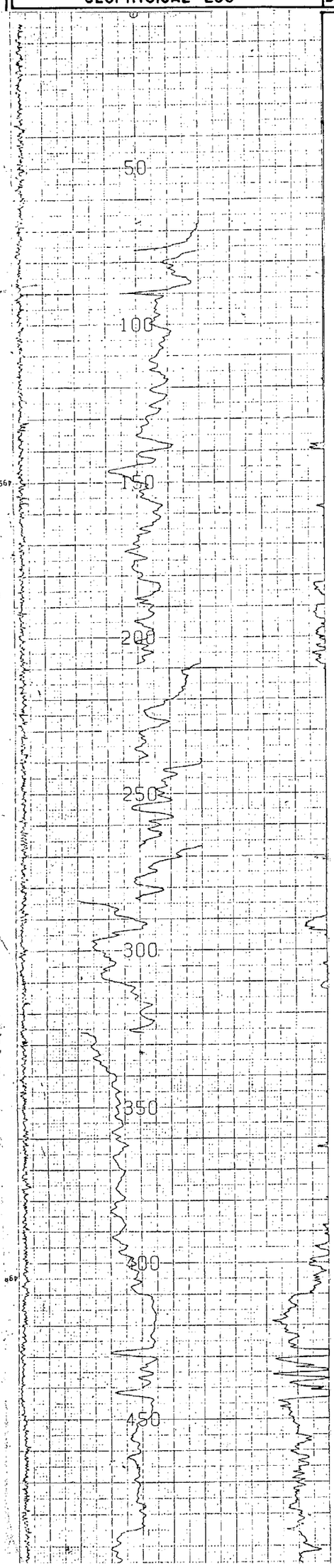


PROJECT _____ HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. AM 520

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 21 MAR 78

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 1540 P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



0-40 BUFF CONG.

40-80 BROWN CONG.

80-420 PINK CONG W/ ABUND. BLACK BASALT

420-460 BLACK BASALT

460-500 PINK V.C. CONG.

500-540 YELLOW BROWN V.C. TO M. SAND

540-620 BROWN V.F. TO M. SAND

620-640 BROWN V.C. TO M. SAN

640-850 BROWN M TO F SAND

850-960 YELLOW BRN M TO F. SAND

960-1205 BROWN M TO F SAN

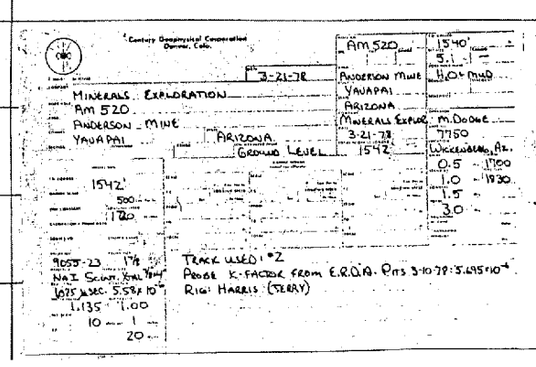
1205-1220 BRN SAND AS ABOVE W/ A. BRN SILTSTONE

1220-1300 OLIVE GREEN V.C. TO M. SAND

1300-1460 REDDISH BROWN V.C. TO M. SAND

1460-1500 V. REDDISH BROWN SAND

1500-1540 M. RED ANDESITE (GOT SO HARD IT FLAKE METAL OFF OF BIT)

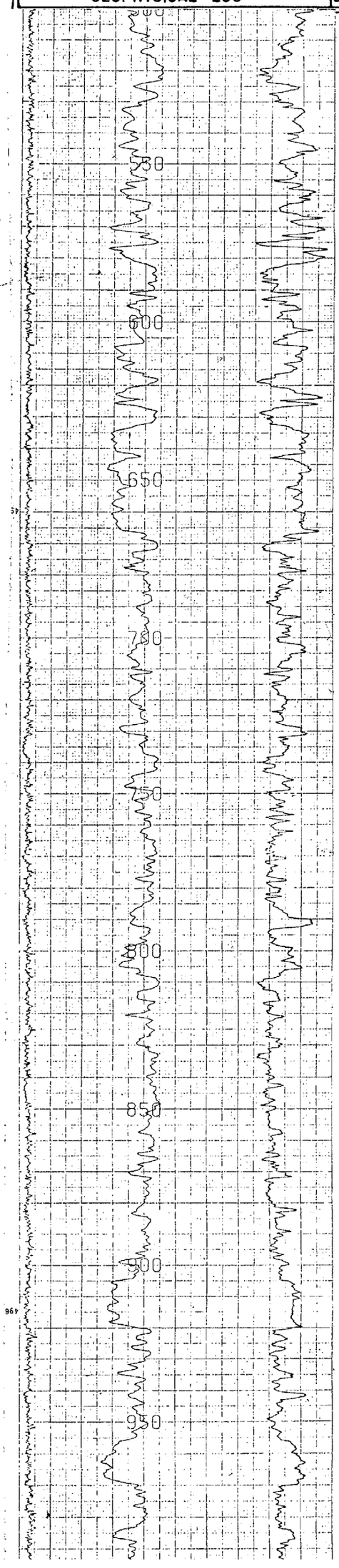


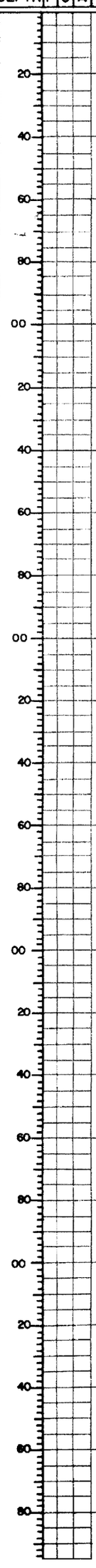
PROJECT _____ HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. 520

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY _____ DATE _____

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



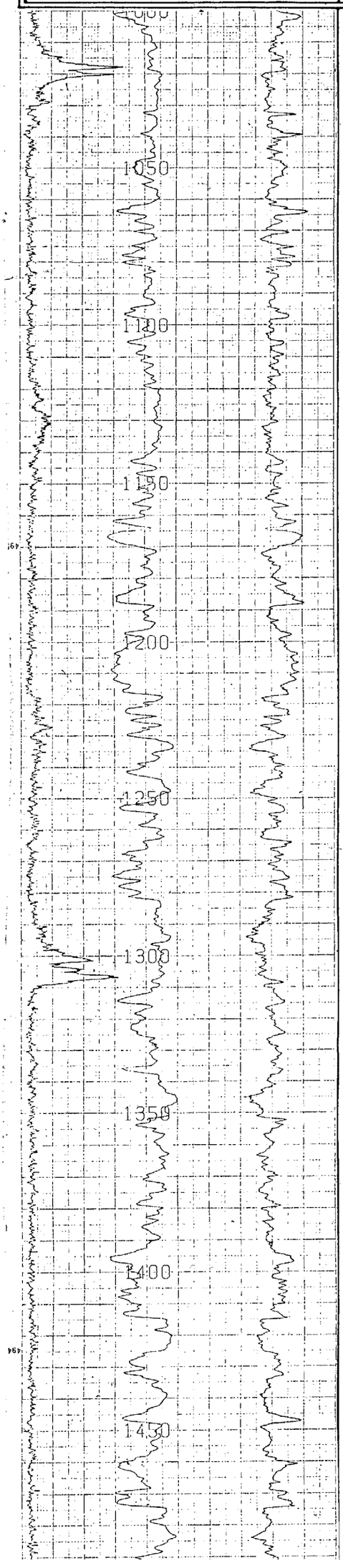


PROJECT _____ HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. 520

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY _____ DATE _____

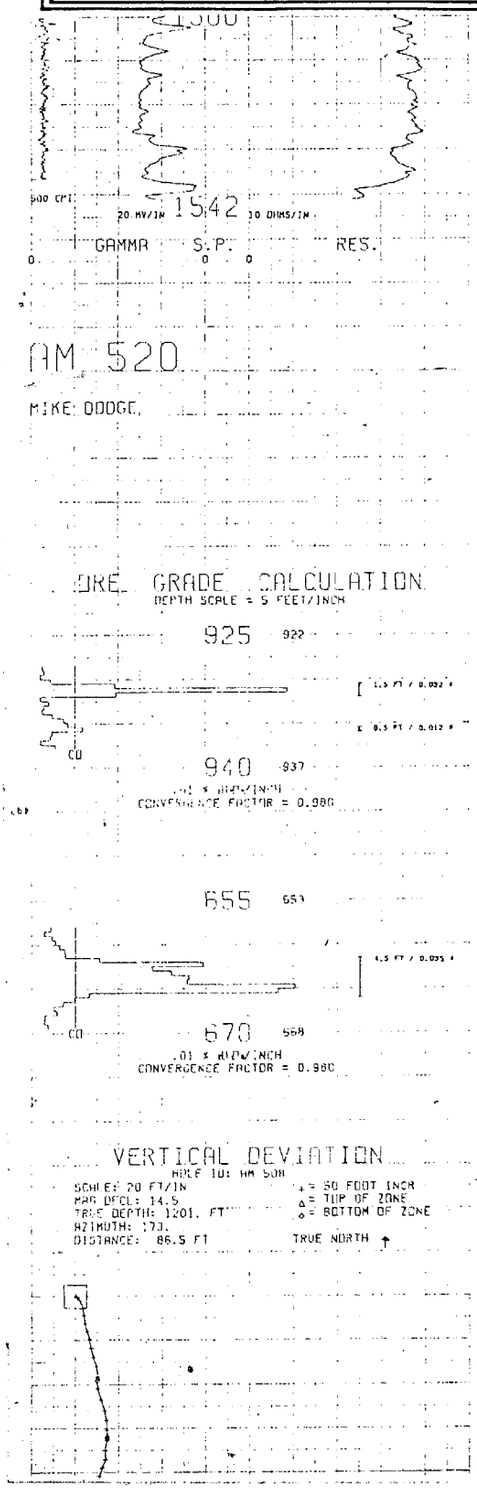
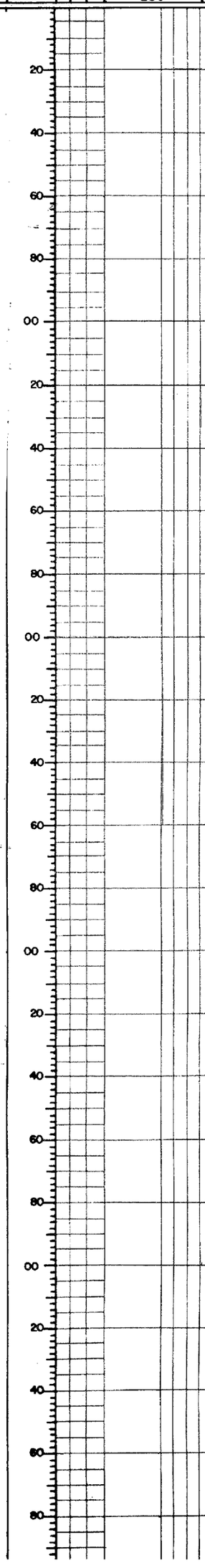
SECTION _____ TOWNSHIP _____ RANGE _____ T.D. _____ P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



PROJECT _____ HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. 520

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY _____ DATE _____

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

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG