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PROJECT Anderson Mine Yavapai Co. Ariz. HOLE SIZE ____ ☑ AIR ☐ WATER HOLE NO. AM-21

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY JRL. DATE 6 March

SECTION 10 TOWNSHIP 11N RANGE 10W T.D. ____ P.D. ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	0					0-60 Basalt: dark brown to black
	20					
	40					
50'	60					60-80 Conglomerate: Red-pink; qtz, pink volc, metam rk frgts. abnt iron stain, $CaCO_3$ cemntd
	80					80-140 Conglomerate: Buff to white; qtz, pink volc, metam rk frgts; predom Limestone cementing agent.
100'	100					
	20					
150'	40					140-150 Limestone: wh w/ dendrit patterns Siltstone: lt. green
	60					150-175 Siltstone: lt green, orange, brown @160' Sand @175' qtz ose, rounded, com or feld? grains
200'	80					175-200 Siltstone: olive green orange brown, scattrd $CaCO_3$ cemtd silt stringers
	200					200-225 Siltstone: orange, or brown, green com calcite cementd. siltst stringers, scattered muscovite mica
	20					225-255 Siltstone & Clay: orange brown, olive grn brown, Pink bentonite clay @ 230'
250'	40					
	60					255-270 Sandstone: yellow green, subround, arkose, abnt limonite stain, md grain
	80					270-285 Siltstone: red brown, buff
						285-310 Siltstone: brown
300'	300					310-315 Clay: lt green
	20					315-335 Clay & Siltstone: lt, green
						335-355 Clay & Siltstone: lt. green, brown, olive green
350'	40					355-360 Limestone stringer: buff
	60					360-390 Siltstone & Clay: olive green, brown, scattered silica cemented silt stringers, limy
	80					390-420 Siltstone & Clay: olive green, green
400'	400					
436' T.D.	20					420-430 Siltstone & Clay: red orange
						430-435' Red orange basalt = Basement
	40					T.D. = 435'
	60					
	80					
	00					

MINERALS EXPLORATION CO.

CASPER, WYOMING HOLE NO. AM-21

LOCATION	ANDERSON MINE	GAMMA SCALE	500
COUNTY	YAVAPAI	STATE ARIZONA	PROBE TYPE	SCINT
GP.		ELEV.	K-FACTOR	2.81×10^{-5}
			DEAD TIME	9.6 μSEC
			TIME CONSTANT	1

PROJECT Anderson Mine

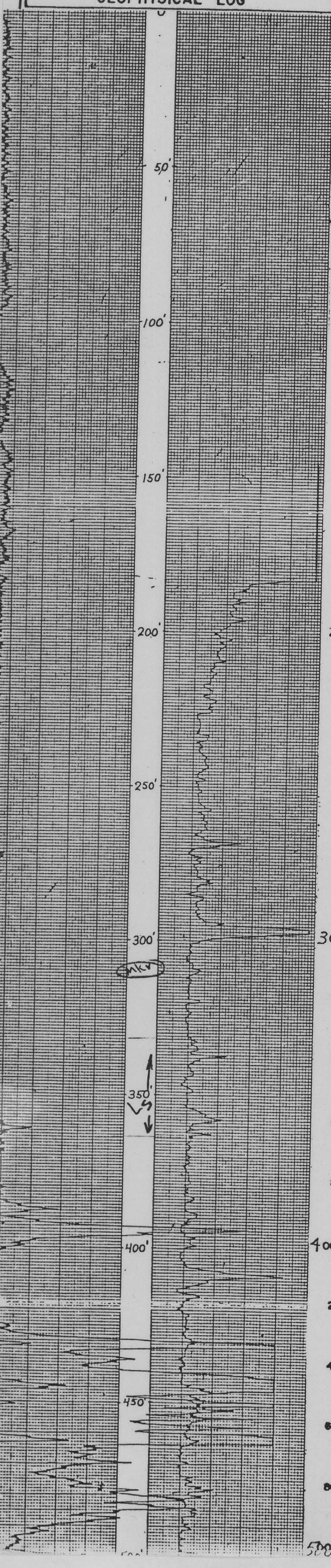
HOLE SIZE 4 7/8 & 4 3/4 ☑ AIR ☐ WATER

HOLE NO. AM-22

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY TSH DATE 3-6-75

SECTION ____ TOWNSHIP 11N RANGE 10W T.D. 780 P.D. 782

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



0-95' Congl., buff, med-v. crse grn, angular-subangular, qtz, felds, epidote, mica, amphiboles, c. v. crse-fn frag. basalt, r. calcite cement, minor tr. native S in vesicular frags, c. pnk-buff clay

95-115 Basalt, blk

115-120 Congl, w/ abund. clay, red

120-140 congl, buff, med-v. crse grn, subangular, qtz, felds, mica, amph., basalt frag., t. calcite, c-abund. pnk-buff clay tuffaceous

140-270 ss, buff, crse grn, subangular, qtz, felds, mica, basalt frag., r. c. lm. stn, r.-c. or. felds

22/P1of2

270-310 ss, lt. buff, fn-crse grn, subangular, qtz, felds, mica, r. frag. basalt, r-c. wh & purple clay, r. calcite cement, r. lm stn, r. MnO_2 (?) as cementing agent @ btm 15', tuffaceous

310-325 sltstn, olive, w/ tr. sandy zones

325-335 mdstn, olive, red, c. calcite

335-345 ls, wh, w/ abund-c. brn chert, r. gry-grn clay

345-350 mdstn, olive

350-365 mdstn, wh, r. olive, r.-c. calcite cement

365-385 mdstn, olive, r. wh, r. calcite cement

385-400 mdstn, blue-grn, & interbed. blk carbonaceous zones.

400-405 mdstn, gry-grn

405-425 ls, wh, w/ t. yell chert & r. interbed gry & gry-grn clay

425-440 mdstn, blue-grn, w/ r.-c. interbed wh r. limey mdstn

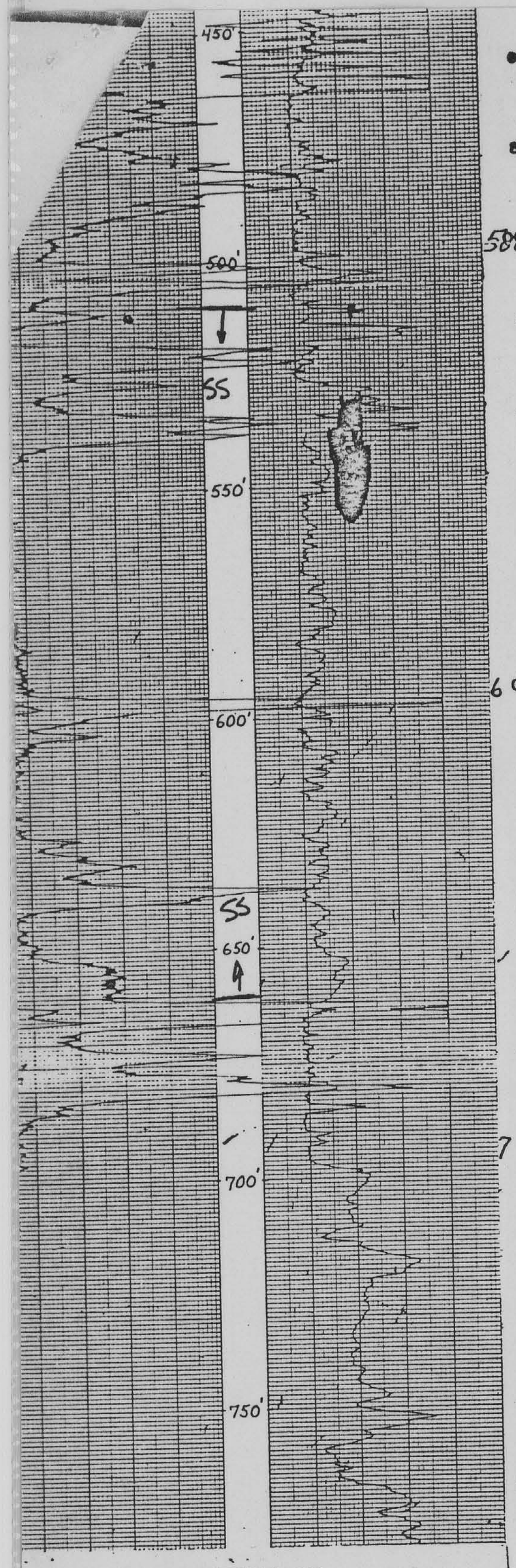
440-445 mdstn, blue-gry w/ r-c. lignite blk

445-460 Lignite, blk

460-470 mdstn, buff & wh, calcareous, t. lignite

470-500 c. interbed. lignite, blue-grn mudstn, & buff med grn ss, impossible to seperate units in samples

(Note: Drilled observed strong (H_2S) odor when drilling interval 490-505)



445-460 Lignite, blk

460-470 mdstn, buff & wh, calcareous, t. lignite

470-500 c. interbed. lignite, blue-grn mudstn, & buff med grn ss, impossible to seperate units in samples

(Note: Drilled observed strong (H_2S) odor when drilling interval 490-505)

500-505 sltstn, blue-grn w/ r.-c. interbed. lignite

505-515 ss, buff, med grn, subangular, qtz, felds, mica, c. lmstn

515-520 sltstn & sh, blk, v. carbonaceous

520-530 ss, buff, med grn, subangular, qtz, felds, c. lm stn, r. blk sh r. wh ls & clay @ btm.

530-540 ss, as above & r. ls, wh

540-565 ss, gry-grn, med grn, subangular, qtz, felds, mica, epidote, t. clay, r. lm stn., t. hem stn

565- ss, lt. grnsh buff, fn-med grn, subangular, qtz, felds, mica, t-r. lm stn

575-695 ss, as above except, fn grn

605-620 ss, as above except, fn grn

620-645 ss, gry, fn-med grn, subangular, qtz, felds, mica, t-r. lm stn, r. blebs red clay

645-660 ss, blue gry, fn grn, subangular, qtz, felds, t. mica, r-c. blk carbonaceous material, t. pyrite, t. lmstn.

660-665 lignite, blk, w/ interbed sltstn & sh

665-675 sh & mdstn, blue-grn, slightly sandy

675-680 sh, blk w/ interbed. blue-grn sh & sltstn, sandy

680-695 mdstn & sltstn, olive, gry, t. white, calcareous, w/ interbed. ss

695-710 Volcanics, grnsh blk, w/ clay & r. ss throughout, Basement Basalt

710-720 Volcanics, reddish gry, c. red clay, as above Basalt

720-740 Volcanics, blk, w/ interbed. blue gry mdstn & gry ss Basalt

740-750 Volcanics, grn-gry, w/ interbed. ss Basalt

750-765 Volcanics, etc., red-blk, as above Basalt

765-780 Basalt, blk

780-T.D.

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-22

LOCATION ANDERSON MINE

COUNTY YAVAPAI STATE ARIZONA

1,202,029N

640,823E ELEV. 1954

TWP. 11 RGE. 10

DATE	2-6-95		
DEPTH DRILLED	780'		
DEPTH LOGGED	782'		
FOOTAGE LOGGED	847'		
HOLE DIAMETER	5½ 0-200	4⅞" 200-620	4¾" 620-780
WATER FACTOR	1.172	1.147	1.142
RESISTIVITY	20 OHMS/INCH		
SELF POTENTIAL	— MV/IN.		
RUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	670'	605'	465'
TOP	660'	590'	425'
TOTAL FEET	10'	15'	40'
SCALE RUN	5K	5K	5K

GAMMA SCALE	500
PROBE TYPE	SCINT
K-FACTOR	2.31×10^{-5}
DEAD TIME	9.6 μSEC
TIME CONSTANT	1
PROBE DIA.	1 ¹¹⁄₁₆"
CALIPER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
OPERATOR	D. BRADLEY
DRILLER	STEVE
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	11-4-74
FLUID LEVEL	183'
REMARKS	

22/P2of2

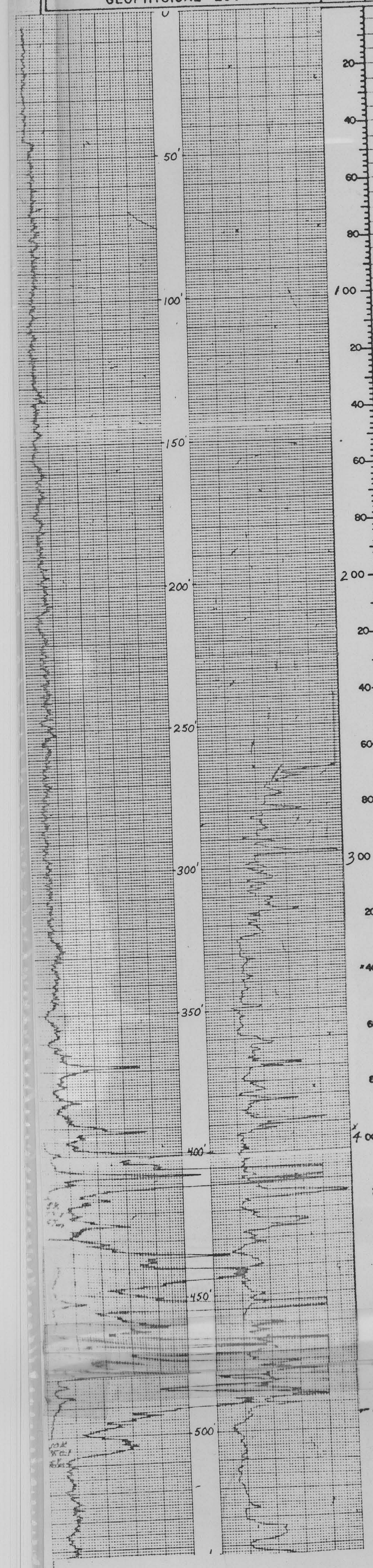
PROJECT Anderson Mine — HOLE SIZE — ☒ AIR ☐ WATER — **HOLE NO.** AM-23

ELEVATION — NORTH — EAST — LOGGED BY TSH — DATE 3-11-75

SECTION 10 — TOWNSHIP 11N — RANGE 10W — T.D. 560 — P.D. 545

— Samples partially destroyed in rains —

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



LITHOLOGY LOG

0-40 Basalt, blk

40-70 Congl, red, w/ c. volcanic rk frag. - acid & basic, c. clay & ss

70-150 Congl & ss, gry-buff, interbed., qtz, felds, subangular, c. igneous rk frag., ss slightly more abund. than congl.

150-165 ss, buff, med grn, subangular, qtz, felds, mica, drk mafic minerals, c. lm stn, t-r. clay, silty

165-230 ss, gry-buff, fn-crse grn, subangular, qtz, felds, mica, mafics, r. lm stn, t-r. silt & clay

230-325 ss, buff, fn-med grn, as immed. above w/ c-abund. interbed. buff sltstn

325-340 mdstn, olive-gry, slightly silty

340-345 sltstn, buff

345-355 mdstn, olive-gry, calcareous

355-365 mdstn, olive-gry w/ c. interbed. wh. ls

365-375 mdstn, olive, calcareous

375-385 mdstn, olive-gry w/ r-c. interbed. ls, wh

385-405 mdstn, olive, & olive-gry, slightly calcareous,

405-410 mdstn, blue-grn (clystn or clay?)

410-430 mdstn, olive-gry, silty

430-445 mdstn, ~~blue~~-grn (clystn or clay?)

445-450 mdstn, blue-grn, as immed. above w/ interbed blk lignite

450-460 Lignite, blk, silty

460-465 mdstn, grn & yell

465-480 Lignite, blk, v. silty zones

480-485 mdstn, grn & yell

485-495 Lignite, blk, v. silty

495-510 mdstn. blue-grn (clystn or clay)

510-520 mdstn, lt. olive-grn (clystn?)

520-525 mdstn, as immed above w/ interb. grn mdstn

525-535 mdstn, lt. olive-grn (clystn?)

535-560 Aglomerate w/ c. basaltic pebbles, etc., red — Basement —

560 — T.D.

(Note: Prior to describing the above samples two good rains fell which contaminated and destroyed many of the samples)

MINERALS EXPLORATION CO.

CASPER, WYOMING — HOLE NO. AM-23

LOCATION	ANDERSON MINE	GAMMA SCALE	500
COUNTY	YAVAPAI — STATE ARIZONA	PROBE TYPE	SCINT
GP.	1,203,080 N 640,601 E — ELEV. 1988	K-FACTOR	2.31 X10-5
SEC.	10 — TWP. 11 — RGE. 10	DEAD TIME	9.6 μSEC
DATE	3-8-75	TIME CONSTANT	1
DEPTH DRILLED	560'	PROBE DIA.	1 5/16"
DEPTH LOGGED	545'	CALIPER	—
FOOTAGE LOGGED	540'	DIRECTIONAL SURVEY	—
HOLE DIAMETER	6 3/4 0-25 — 25-195 — 5" 195-560'	TEMPERATURE	—
WATER FACTOR	1.196 1.172 1.152	OPERATOR	D. BRADLEY
RESISTIVITY	20 OHMS/INCH	DRILLER	STEVE
SELF POTENTIAL	— MV/IN.	CONTRACTOR	UNIVERSAL
		LAST A.E.C. PIT RUN	11-4-74
		FLUID LEVEL	265'
		REMARKS	

REPEATS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	500'	415'	
TOP	440'	395'	
TOTAL FEET	60'	20'	
SCALE RUN	10K	5K	

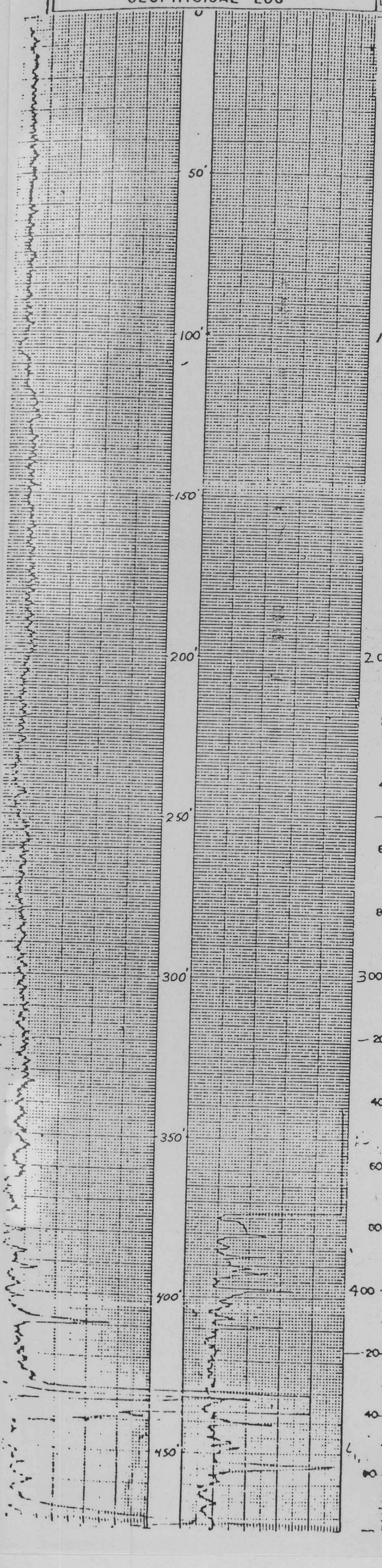
23
double

PROJECT ______ HOLE SIZE ______ ☐ AIR ☐ WATER HOLE NO. AM-24

ELEVATION ______ NORTH ______ EAST ______ LOGGED BY TSH DATE 5-10-75

SECTION ______ TOWNSHIP 11N RANGE 10W T.D. 700 P.D. 598

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



0-15 Congl, gry-buff, c. rk frag.

15-100' "Rhyolite" volcanics, pnk, & or welded tuf pnk matrix w/ phenocrysts of felds, qtz, btte., r. calcite & t. sulfur in vugs

100-110 Basalt, blk, slightly vessicular

110-115 Congl, grnsh-gry w/c. clay & volcanic material

115-215 Congl., gry-buff, med-crse grn, subangular, qt felds, amphiboles, mica, r.-c. lm stn, r-c. basltic rk fr r. granitic rk frag. & volcanic frag.

215-250 Ls, wh w/ abund. clay

250-320 SS, buff, fn-med grn, subangular, qtz, felds, mica, r. lm stn, v. silty, r-c. clay

320-360 Mdstn, olive, v. silty

Samples v poor due to lack of water, went for H_2O @ 360' — fm. taking H_2O

360-365 mdstn, olive-gry, slightly calcareous

365-380 ls, wh, w/ r. olive-gry mdstn

380-390 ls, wh w/ c.-abund. lt. brn chert

390-420 mdstn, olive-gry, slightly silty

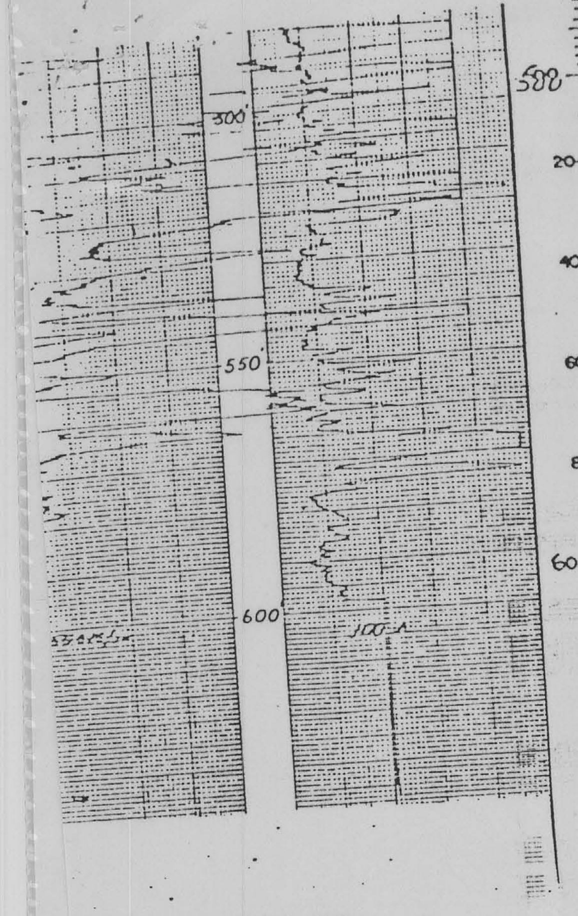
420-440 Lignite & mdstn, blk, carbonaceous, rel hard

440-450 ls, wh & r. olive-gry mdstn,

450-460 mdstn, olive, tr. calcite cement

460-490 mdstn, grn (blue?) (clystn?, fairly good clay)

24
P 1 of 2



...RALS EXPLORATION CO. HOLE NO. RM-24

490-510 Lignite, blk & blk carbonaceous mdstn rel hard

510-535 mdstn, gry-grn, slightly calcareous

535-545 Lignite, blk

545-560 mdstn, blue-grn & gry-grn

560-580 mdstn, grn-gry & wh, v. calcareous

580- ss, buff (gray), fn-med grn, subangular, qts, felds, mica, r-c. lm stn, producing ~50 gal/min. warm H_2O

615-640 ss, grn-buff, as immed. above & also v. silty

640-700 ss, grn-buff, med-crse grn, subangular, qts, felds, mica, r-c. lm stn

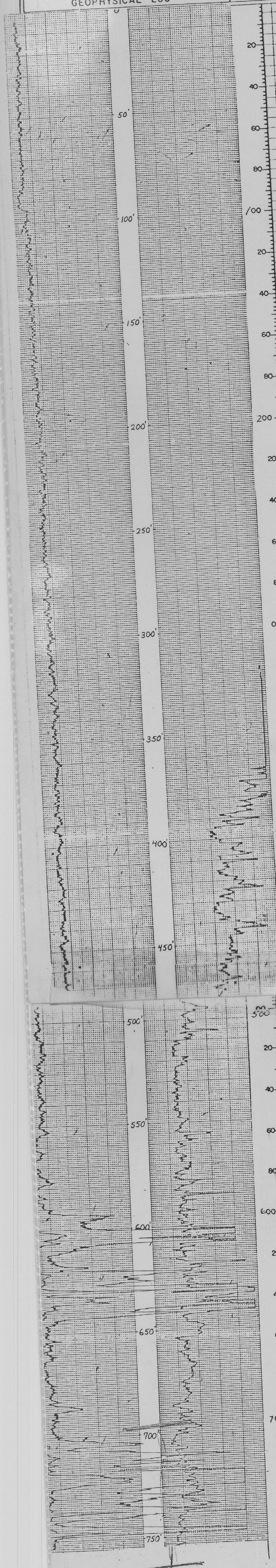
T.D.
700

Sand continuing to plug & fill hole & rock bit. 3-11-75 attempted to drill to basement but could not get beyond 600' — need to condition hole with mud or foam.

24
P 2 of 2

PROJECT Anderson Mine | HOLE SIZE | ☐ AIR ☐ WATER | HOLE NO. AM-26
ELEVATION | NORTH | EAST | LOGGED BY TSH | DATE 3-13-75
SECTION | TOWNSHIP 11N | RANGE 10W | T.D. 785 | P.D.

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



LITHOLOGY LOG

0-10 Congl, buff, w/c. vol. rk frag. (acid & basic)

10-30 Congl., buff abund. clay w/r. vol. rk. frag.

30-85 Congl., reddish-buff, w/c. acid & basic vol. rk mud & or clay as matrix

85-95 Basalt, blk

95-120 Congl., reddish-buff w/c. acidic & basic. v rk frag., md & or cly as matrix

120-125 mdstn, buff, v. sandy

120-145 Congl., reddish-buff w/c. acidic & basic vol. rks, mds or cly as matrix

145-150 mdstn, lt. buff, v. sandy

150-195 Congl., reddish-buff, w/c. acidic & basic v rks, md or cly as matrix, sandy

195-205 ss, buff, fn-med grn, subangular, qtz, felds, mic r. cly, t. rk frag., r. lm. stn.

205-230 ss, gry, med-crse grn, subangular, qtz, felds mica, r. cly, r. v. crse rk frag., t.-r. lm stn.

230-240 ss, gry-buff, med-grn, subangular, qtz, felds, m t. cly, r. crse rk frag., t.-r. lm. stn.

240-245 ss, gry, med grn-crse grn, as above

245-255 ss, gry-buff, as above

255-280 ss, buff, med grn, subangular, qtz, felds, mic (large frag. ~1/2"-1" diameter bks), r-c. lm & t. hem. s t-r. cly

280-285 ss, gry-buff, as above w/out large mica fra

285-335 ss, buff & lt. reddish-buff, med grn, qtz, feld. c. lm & r. hem stn, t. clay, large mica frag.

335-360 ss, gry-buff, med-crse grn, subangular, qtz, felds, mica, t. clay

360-400 ss, buff, fn-crse grn, as above

400-430 ss, gry-buff, fn grn, as above

430-465 ss, buff, fn-crse grn, as above

465-480 ss, pnksh-buff, fn-med grn as above

ss, [illegible] fn-med grn, as above

500-505 ss, buff, med grn, as above

505-520 mdstn & sltstn, olive-gry & olive

520-535 ss, olive-gry, fn-med grn, subangular, qtz, felds, mic r-c. clay or mud

535-540 mdstn, olive-gry

540-550 mdstn & ss, fn-grn, interbed., gry & olive-gry

550-585 mdstn, olive gry & gry w/r.-c. interbed. wh ls

585-595 mdstn, blue-grn & r. olive

595-610 lignite, blk slightly sandy w/interbed. mdstn

610-615 mdstn or cly, blue-grn w/c. blk lignite

615-620 lignite, blk, sandy

620-700 ss, gry, med-crse grn, qtz, felds, (wh & or), epidote, mafic min. grns, subrounded-subangular, t. clay

700-720 ss, buff & blue-gry, med grn, as above w/r. c. lm stn

720-735 ss, gry-buff, med-crse grn, c. interbed. cly, r. lmstn, as above

735-750 ss, drk-gry, med-crse grn, as above w/t-r. Carb. mat.

750-770 ss, reddish-buff, med-crse grn, subangular, qtz, felds, red clay & red rk frag.

770-780 Basalt, blk, Basement (v. hard & slow drilling)

780' TD

MINERALS EXPLORATION CO.

CASPER, WYOMING

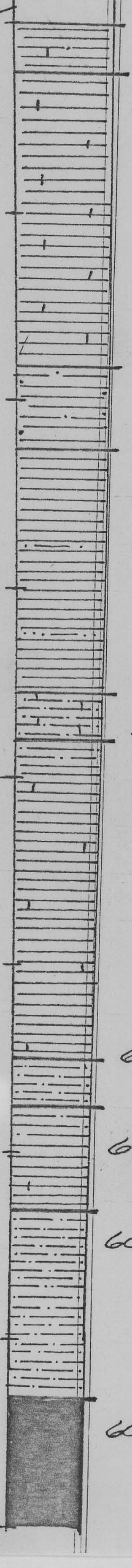
LOCATION	ANDERSON MINE	HOLE NO.	AM-26
COUNTY	YAVAPAI	GAMMA SCALE	500
STATE	ARIZONA	PROBE TYPE	SCINT
	1,201,879 N	K-FACTOR	2.31 x10^{-5}
	642,347 E	DEAD TIME	9.6 µSEC
ELEV.	2027	TIME CONSTANT	1
TWP.	11	PROBE DIA.	1 7/16"
RGE.	10	CALIPER	—
DATE	3-13-75	DIRECTIONAL SURVEY	—
DEPTH DRILLED	785'	TEMPERATURE	—
DEPTH LOGGED	754'	OPERATOR	D. BRADLEY
FOOTAGE LOGGED	864'	DRILLER	STEVE
HOLE DIAMETER	6 1/8 0-25 5 1/8 25-205 4 3/4 205-785	CONTRACTOR	[illegible]
WATER FACTOR	—	LAST A.E.C. PIT RUN	11-4-74
RESISTIVITY	20 OHMS/INCH	FLUID LEVEL	372'
SELF POTENTIAL	— MV/IN.	REMARKS	

	1ST RUN	2ND RUN	3RD RUN
BOTTOM	750'	650'	
TOP	700'	590'	
TOTAL FEET	50'	60'	
SCALE RUN	5K	5K	

76
double

S. PAVLAK
2/6/76

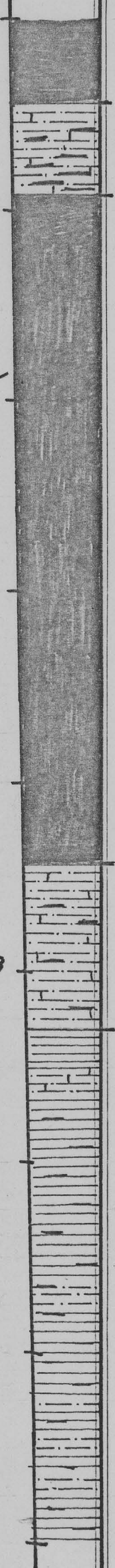
AM 26C

FT.	LITH		DESCRIPTION
595		595'0" - 595'3"	MUDSTN: Gy; slightly carbonaceous, calcareous, silty; rare hem. stn.
		595'3" - 596'10"	MUDSTN: olive Gy Grn; slightly calcareous
596			
		596'10' - 597'3"	MUDSTN: LT Gy; silty; calcareous; slightly carbonaceous
597		597'3" - 598 7"	MUDSTN: olive Gy Grn; calcareous; Brn sltstn partings (thin)
598			
		598'7" - 598'10"	SLTSTN: LT Brn; v. calcareous
		598'10" - 600'6"	MUDSTN: LT Gy - Gy Grn; silty toward top; calcareous; carbonaceous
599			
600			
		600'6" - 600'9"	SLTSTN: LT Brn; calcareous
601		600'9" - 601'4"	MUDSTN: LT - DK Gy; slightly calcareous; slightly carbonaceous; silty toward top.
		601'4" - 602'4"	SLTSTN: Brn; slightly sandy (F. Grn); strongly calcareous; calcareous bivalve, gastropod shells @ 602' 1-2"; com. carbonaceous partings.
602			
		602'4" - 603'5"	LIGNITE: Blk; silty toward bottom.
603			

26C
C1-13

S. PAVLAK
2/6/76

AM 26 C

FT.	LITH		DESCRIPTION
603			
		603'5" - 603'11"	SLTSTN: Brn - LT Grn; v. carbonaceous, calcareous.
604		603'11" - 607'5"	LIGNITE: Blk; silty
605			
606			
607			
		607'5" - 608'4"	SLTSTN: Gy Brn; strongly calcareous; slightly carbonaceous
608			
		608'4" -	MUDSTN & SLTSTN: Intbd Gy & Gy Grn mudstn & calcareous LT Brn sltstn; mudstn is carbonaceous
609			
610			
611			

Core Hole
AM-26C
interval 705'-

TSH
2-6-76

Striplog	Depth	Description
	729	
	730	
9"		to 733'3" ss, lt yellowish gry, fn-med grn, subangular, gtz, felds, tr. or. felds, tr. vol. dk frag., mica, v. lmst stn., tr. hem stn.
	731	
	732	
3"		to 733'2" ss, yellow-buff, fn-med grn, subangular, gtz, felds, tr. or. felds, tr. vol. rk frag., mica, c-abund lmst stn w/r. interbed yellowish gry ss as above, becoming v. silty w/increasd depth
	733	
2"		to 734'10" sltstn, gry, v. silty @ top & becoming v. muddy @ base
	734	
10"		to mdstn, gry-grn to grn-gry w/comma. irregular masses of blk
	735	carbonaceous material scattered throughout, slightly calcareous, carbonaceous material increasing w/depth, fossiliferous
	736	
	737	

Core Hole
AM-26C
interval 705 - 755

TSH
2-6-76

Striplog	Depth	Description
	737	
1"	738	to 739'3" sltstn rdsh-buff w/scattered irregular frag. of carbonaceous material and thin interbed gry-grn mdstn, calcareous
	739	
3"		to 739'6" sltstn, blk, v. muddy, v. carbonaceous & calcareous
6"		to 742 marl, pnk, scattered blk carbonaceous material throughout, extremely calcareous
	740	
	741	
	742	to 742'4" lignite, blk, slightly calcareous
4"		to 742'10" mdstn, drk gry, v. carbonaceous & calcareous
10"	743	to 747'10" mdstn, olive grn w/tr. small scattered blk. carbonaceous stringers also as fracture filling, extremely calcareous
	744	
	745	

Core Hole
AM-26c
interval 705'-755'

TSH
2-6-76

trip Log	Depth	Description
	745	
	746	
	747	
	10" 748	to 748'4" mdstn, pnk to rd, v. silty @ base, calcareous
	4"	to 755' Aglomerate, -sltstn-ss w/c. rd vol. frag. of all sizes calcareous - Basement
	749	
	750	
	751	
	752	
	755	T.D. end of core

S. Pavlak
2/6/96

AM 26 C

FT.	LITH	DESCRIPTION
611		
	611'3"–611'7"	SLTSTN: GENISH BRN; STRONGLY CALCAREOUS; SLIGHTLY CARBONACEOUS
	611'7"–611'8"	MUDSTN: BLUE GY GRN; ABNT. SMALL CALCAREOUS GASTROPOD SHELLS
	611'8"–612'4"	SLTSTN & MUDSTN: BENISH GRN; CALCAREOUS
612		
	612'4"–613'4"	MUDSTN: BLUE GY GRN; SLIGHTLY SILTY
613		
	613'4"–613'11"	MUDSTN: BENISH BLUE GRN; SLIGHTLY SILTY; CALCAREOUS
614	613'11"–614'2"	SLTSTN: GY; CARBONACEOUS
	614'2"–617'	MUDSTN: GY GRN–PALE BLUE GRN; THIN RARE CARBONACEOUS (BRN) PARTINGS; CALCAREOUS; LOCALLY SILTY; RARE BIVALVE SHELLS UP TO 1/2" DIAMETER.
615		
616		
617	617'–618'	SLTSTN: GENISH BRN–BENISH GRN; STRONGLY CALCAREOUS
618	618'0"–619'2½"	SLTSTN: LT BRN–BLK; LIGNITIC; CARBONACEOUS; INCREASING CARBON. MATTER FROM TOP TO BOTTOM.
619		

S. Pavlak
2/6/96

AM 26 C

FT.	LITH	DESCRIPTION
619		
	619'2½"–622'7"	SLTSTN–MUDSTN: GY–BLK; ABNT CARBONACEOUS MATTER; COM. LIGNITE INTERS; LOCALLY CALCAREOUS; DECREASING AMTS CARBON. MATTER 622'–622'7'.
620		
621		
622		
	622'7"–623'4"	SLTSTN: BRN–BENISH GY GRN; CALCAREOUS; RARE Com BLK ORGANIC MATTER
623		
	623'4"–624'0"	SLTSTN: DK GY; CALCAREOUS; DISSEMINATED CARBON MATTER; SLIGHTLY SANDY.
624	624'0"–627'10½"	SLTSTN: GY GRN–PALE GENISH BRN; STRONGLY CALCAREOUS; SLIGHTLY CARBONACEOUS; SLIGHTLY SILICIFIED
625		
626		
627		

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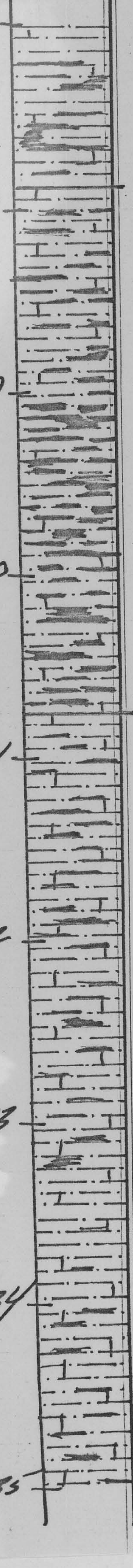
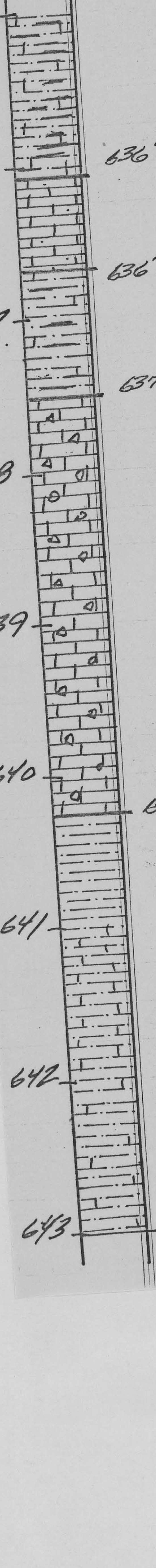
2/6/76

AM 26 C

FT.	LITH	DESCRIPTION
27		
28		627' 10½" - 630' 9" SLTSTN: DK GY - GY GRN; CALCAREOUS; COM-ABNT CARBONACEOUS MATTER
29		
30		
31		630' 9" - 636' 1" SLTSTN: LT BRN TO LT GRNISH BRN; STRONGLY CALCAREOUS; TUFFACEOUS (?); COM-ABNT BLK-BRN CARBONACEOUS MATERIAL; BLK-GY INTERCONNECTED MINERAL MASSES OF IRREG. SHAPE; IRREG. SHAPED MASSES OF BLK CHERT.
32		
33		
34		
35		

S. PAVLAK
2/6/76

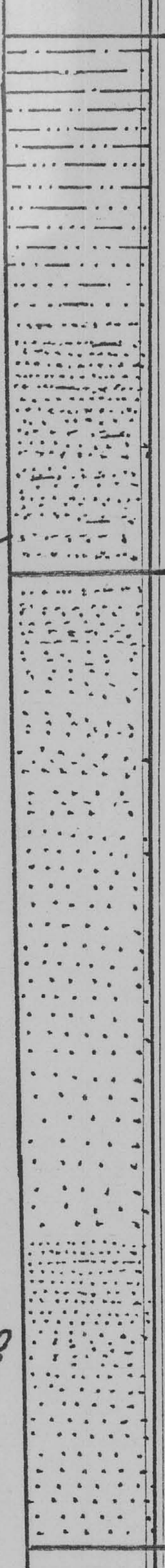
AM 26 C

FT.	LITH	DESCRIPTION
635		
636		636' 1" - 636' 8" LIMESTN: LT GY - OFF WHITE; SILTY
		636' 8" - 637' 6" SLTSTN: GY - GY GRN; CALCAREOUS; CARBONACEOUS.
637		637' 6" - 640' 3" LIMESTN: LT GY - OFF WHITE; ABNT BRN, BLK, RED BRN CHERT
638		
639		
640		640' 3" - 643' 0" SLTSTN: LT BRN - GRNISH BRN; LOCALLY CALCAREOUS; GRN MIN. ON FRACTURE SURFACES.
641		
642		
643		

S. PAVLAK
2/6/76

AM Z6 C

FT. | LITH | DESCRIPTION



643 — 643'0" - 645'0" SLTSTN - SANDSTN: OLIVE GRN; SILT - F.G. SAND AT BOTTOM.

644

645 — 645'0" - 648'8' SANDSTN: LT OLIVE GRN; F-C. GRN, ABNT QTZ; COM. - RARE RED VOLC. RK FRAGS; R HEM STN; SAND GENERALLY COARSENS TOWARD ~~BOTTOM~~. THIS UNIT IS GRADATIONAL INTO UNIT ABOVE.

646

647

648

END OF CORED INTERVAL = 648'8"

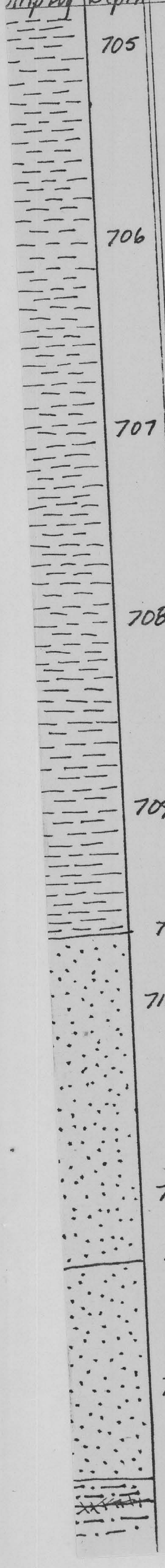
649

650

Core Hole
AM-26C
interval 705 to

T.S. Hellinger
2-6-76

Strip log | Depth | Description



705 to 709'7" mdstn, gry ~~to v.~~

706

707

708

709

7" to 711'4" ss, gry-grn, subangular, med grn, qtz, mica, felds, tr. or. felds, minor tr. pyrite, r. grn clay, v. incompetent

710

711

4" to 712'5" ss, bright grn, subangular, med- v. fn grn, poorly sorted, qtz, mica r. or. felds, tr. py, r.-c. grn stn on qtz grns, r. -tr. rd vol. rk frag, r.-c. grn matrix clay, slightly competent

712

5" to 713'3" sltstn, gry-buff, v. sandy, gradational into underlying ss

Core Hole
AM-26c
interval 705+

T.S.H
2-6-76

Strip Log	Depth	Description
	713	
	3"	to 713'4" ss, lt. grnsh-gry, v. fn-fn grn, subangular, fair sort, qtz, mica, felds, v. silty, tr. blk carbonaceous material (generally as irregular stringers).
	714	
	4"	to 714'7" ss, yellowish-gry, subangular, fn grn, fair sort, qtz, mica, felds, C- abund. Lim stn
	7"	to 715'10" ss, gry, v. fn to fn, becoming increasingly silty w/ depth & gradational into lower sltstn, subangular, fair - well sorting, qtz, mica, clay, becoming more competent w/ depth
	715	
	10"	to 716'9" sltstn, gry, v. sandy
	716	
	9"	to 717'7" sltstn, dark gry, sandy, w/ c. interbed. irregular thin carbonaceous materia and c. xtln py & matrix py scattered throughout.
	717	
	7"	to 718'5" sltstn - mdstn, gry
	718	
	5"	to 719'10" mdstn, dark gry, v. carbonaceous throughout, v. slightly silty
	719	
	10"	to 722'6" ss, gry, fn grn, subangular, fair sorting, qtz, mica, silty w/ tr. carbonaceous fragments scattered through out w/ thin interbed. gry sltstn
	720	
	721	

Core Hole
AM-26c
interval 705+

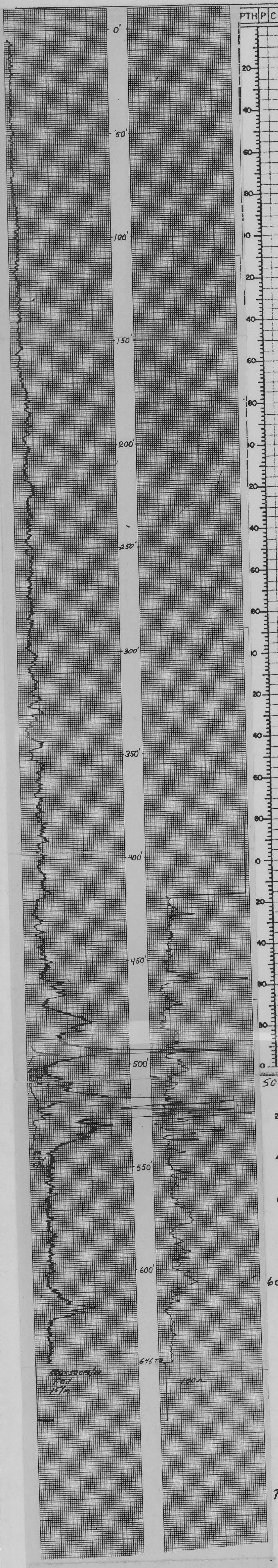
T.S.H
2-6-76

Strip Log	Depth	Description
	721	
	4"	to 722'6" No Core Recovered from this interval
? ? ? ?	722	
	6"	to 723'6" ss, as described immediately above
	723	
	6"	to 724 mdstn, gry w/ thin yell & blk stringers, slightly silty
	724	to 724' 11" ss, v. pale yellowish gry, fn grn, subangular, qtz, felds, abund mica, tr. hem stn
	11"	
	725	to 725'9" sltstn, gry, v. sandy w/ abund. bentonite? & or mud @ base ¼" zone @ base of yellow stn. v. sandy sltstn
	9"	to 730'9" ss, pale yellowish-gry, fn grn, subangular, qtz, felds, blk, mica, tr. hem stn, minor tr. bright or. felds, v. silty throughout
	726	
	727	
	728	
	729	

PROJECT Anderson Mine HOLE SIZE ____ ☐ AIR ☐ WATER **HOLE NO.** AM-27

ELEVATION ____ NORTH ____ EAST ____ LOGGED BY TSH DATE 3-13-75

SECTION 16 TOWNSHIP 11N RANGE 10W T.D. 655 P.D. ____



PTH	P	C	A	STRIP LOG	LITHOLOGY LOG
					0-85 Basalt, Blk
					85-115 Congl & sltstn, pnk & pnksh-buff, interbed., w/c. basalt frag., calcareous
					?tuff? 115-130 ls, wh, lt. pnksh-buff w/ r. interbed. sltstn, v. sandy throughout.
					130-165 Congl, lt. gry-buff & lt. pnksh-buff, v. sandy w/ c. basalt frag. & r. interbed. wh ls, throughout v. calcareous
					165-175 sltstn, gry-buff
					175-185 mdstn, olive, slightly sandy
					185-195 mdstn, olive-gry
					195-210 ss, gry-buff, fn-crse grn, subangular, qtz, felds, mica, epidote, r. clay, r. lm stn, w/ minor interbed. buff sltstn
					210-220 sltstn, buff w/ r. buff mdstn
					220-230 mdstn, olive-gry, slightly sandy
					230-285 sltstn, buff, v. sandy zones observed, slightly calcareous
					285-295 ss, gry, v. fn-med grn, subangular, qtz, felds, mica, t. epidote, c.-r. clay
					295-300 mdstn, r. wh & olive-gry, calcareous
					300-320 mdstn, buff & gry-buff, slightly sandy
					320-465 mdstn, olive & olive-gry, slightly calcareous also c. wh mdstn v. calcareous interbed. w/ above r. brn & blk chert
					465-515 mdstn, olive, v. calcareous w/ r. brn chert t. blk carbonaceous material
					515-525 mdstn, olive, grn & red, mottled unit w/ red as irred. stringers & patches
					525-555 mdstn, olive & wh, v. calcareous esp. wh. mdstn (wh. might possibly be v. silty or clay rich ls)
					555-575 mdstn, olive-gry, slightly calcareous
					575-620 ss, gry-drk gry, med grn, subangular, qtz, felds, blk chert, interbed olive & gry mdstn
					620-655 Aglomerate, red w/ c. vol. fragments Basement
					655- T.D.

27 double

MINERALS EXPLORATION CO.

CASPER, WYOMING HOLE NO. AM-27

LOCATION ANDERSON MINE				GAMMA SCALE	500
COUNTY YAVAPAI	STATE ARIZONA			PROBE TYPE	SCINT
GP. 1,201,300 N 636,842 E	ELEV. 1965			K-FACTOR	2.31×10^{-5}
SEC. 16	TWP. 11	RGE. 10		DEAD TIME	9.6 μSEC
DATE	3-13-75			TIME CONSTANT	1
DEPTH DRILLED	655'			PROBE DIA.	1 1/16"
DEPTH LOGGED	646'			CALIPER	—
FOOTAGE LOGGED	686'			DIRECTIONAL SURVEY	—
HOLE DIAMETER	6" 0-175'	5" 175'-655'		TEMPERATURE	—
WATER FACTOR				OPERATOR	D. BRADLEY
RESISTIVITY	20	OHMS/INCH		DRILLER	BILL
SELF POTENTIAL	—	M.V./IN.		CONTRACTOR	JIM WILLIAMS
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	LAST A.E.C. PIT RUN	11-4-74
BOTTOM	540'	500'		FLUID LEVEL	419'
TOP	510'	490'		REMARKS:	
TOTAL FEET	30'	10'			
SCALE RUN	5K	5K			

MINERALS EXPLORATION CO.

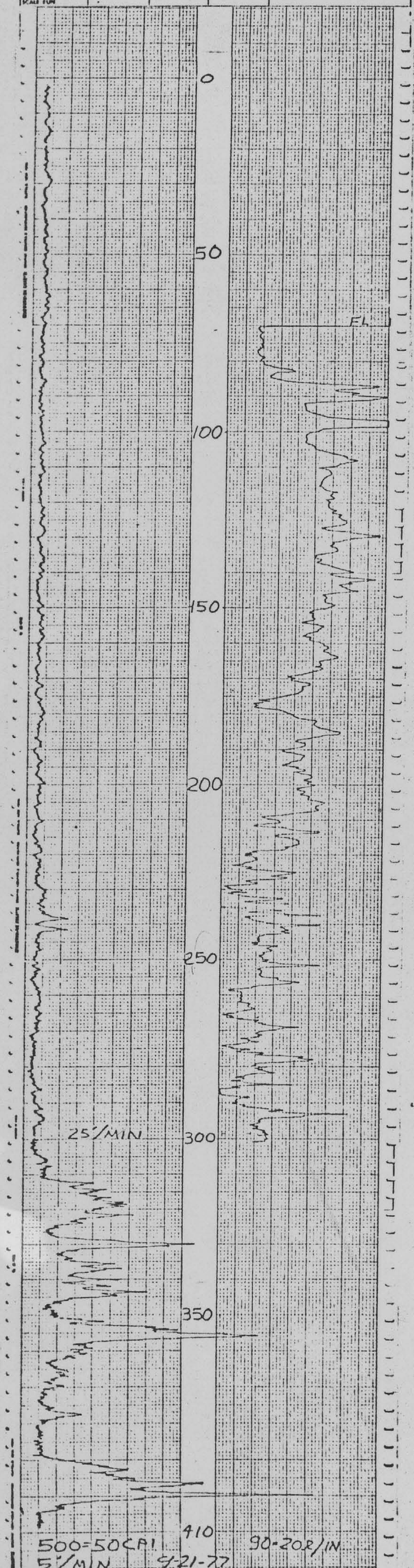
CASPER, WYOMING

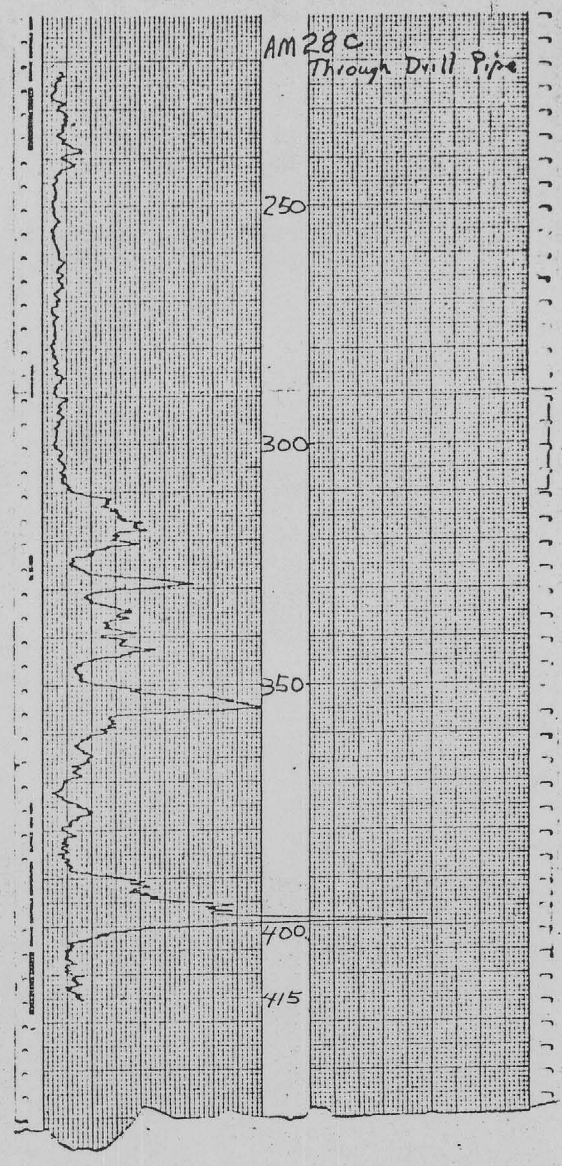
HOLE NO. AM 28C

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI STATE AZ
GP.	ELEV.
SEC	TWP. RGE.
DATE	9-21-77
DEPTH DRILLED	417
DEPTH LOGGED	410
FOOTAGE LOGGED	410
HOLE DIAMETER	4"
WATER FACTOR	1.12
RESISTIVITY	20 OHMS/INCH
SELF POTENTIAL	MV/IN

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

GAMMA SCALE	500=50CPI
PROBE TYPE	SCINT
K FACTOR	5.42 E-5
DEAD TIME	7.75 μSEC
TIME CONSTANT	1 SEC
PROBE DIA.	1 5/8"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	ERICKSON
DRILLER	TALBOT
CONTRACTOR	BOYLES BROS
LAST A.F.C. PIT RUN	
FLUID LEVEL	70'
REMARKS	BEGAN LOGGING RERUN FROM 410'-300' DUE TO UNSTABLE HOLE CONDITIONS





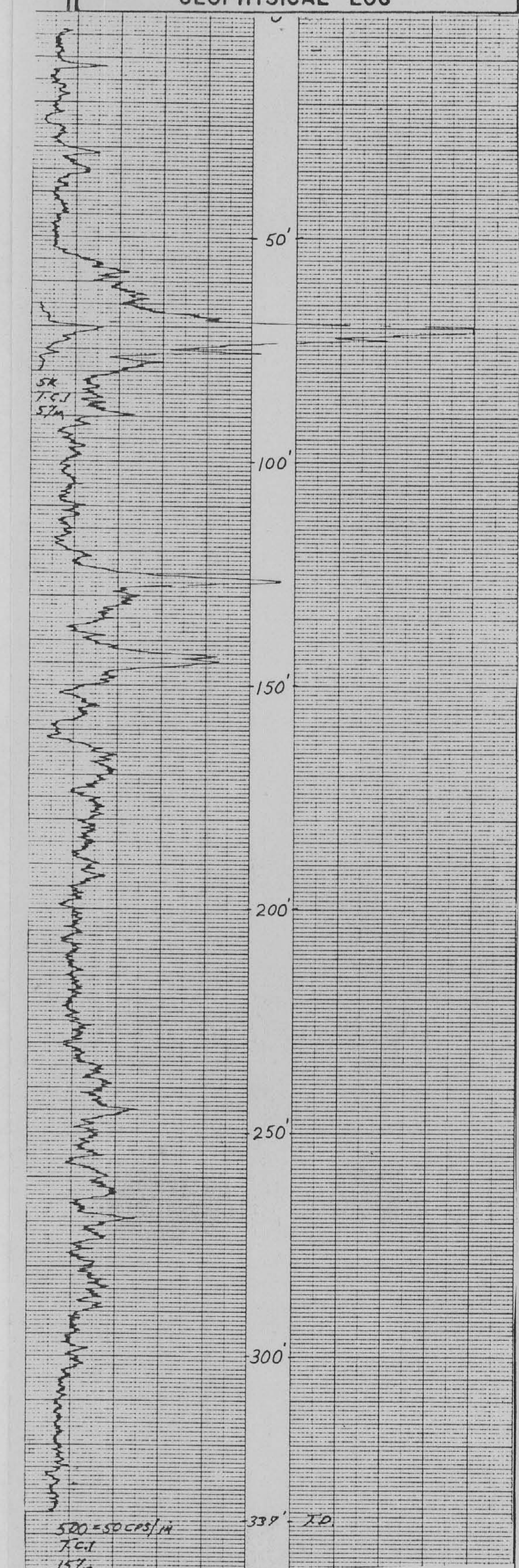
28C

PROJECT Anderson Mine Yavapai Co. HOLE SIZE ______ [✓ AIR] ☐ WATER **HOLE NO. AM. .30**

ELEVATION ______ NORTH Arizona EAST ______ LOGGED BY Ljung DATE 21 March 75

SECTION 11 TOWNSHIP 11N RANGE 10W T.D. ______ P.D. ______

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



Depth	Lithology
0-10	Siltstn & Clay : olive brown
10-35	Limestone: wh clay: wh, olive, apricot @ 35' chert: @ 15' Red
35-40	Clay: olive
40-60	Limestone: wh clay: wh, olive chert: 60' RED
60-70	Clay & siltstn: brown, olive
70-75	Chert: RED
75-100	Limestone: wh chert: wh clay: wh, olive
100-125	Limestone: wh chert: pink clay: wh
125-130	Clay & siltstn: olive
130-145	Limestone: wh chert: Red, clear clay: wh
145-150	Clay: olive
150-~~175~~ 165	LIMESTONE: pink, wh siltstone: red brn
165-175	Siltstone & clay: red brown, or, olive → variagated
175-180	Clay: olive
180-~~190~~ 195	Siltstone: brown, silicified 185'-190'
195-205	Limestone: wh, com black manganse? dendri: some wh intrbdd siltstn
205-225	Siltstone & Clay : olive
225-240	Siltstone: red brown, grey brown
240-260	Siltstone: red brown, olive, orange
260-310	Siltstone: red brown (predom), green, buff brite ~~yell~~ green clay mineral interbdd w/ red brwn siltstn @ 295'-305'
310-335	Agglomerate: · andesite: pink, subangl, wh, predom rock type basalt: minor amnt, dark brwn w/ or blebs SS: orng, f to cgrn, subangl to subrnd, com lim stn, qtz oc.

1,202,066 N
646,073 E

MINERALS EXPLORATION CO.
CASPER, WYOMING

LOCATION	ANDERSON MINE
COUNTY	YAVAPAI
STATE	ARIZONA
GP.	
ELEV.	
SEC.	
TWP.	11
RGE.	10
DATE	3-21-75
DEPTH DRILLED	338'
DEPTH LOGGED	337'
FOOTAGE LOGGED	352'
HOLE DIAMETER	
WATER FACTOR	
RESISTIVITY	— OHMS/INCH
SELF POTENTIAL	— M.V./IN.

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	80'		
TOP	65'		
TOTAL FEET	15'		
SCALE RUN	5K		

HOLE NO.	AM-30
GAMMA SCALE	500
PROBE TYPE	SCINT
K-FACTOR	2.31 x 10⁻⁵
DEAD TIME	9.6 MSEC
TIME CONSTANT	1
PROBE DIA.	1 9/16"
CALIPER	—
DIRECTIONAL SURVEY	—
TEMPERATURE	—
OPERATOR	D. BRADLEY
DRILLER	BILL
CONTRACTOR	JIM WILLIAMS
LAST A.E.C. PIT RUN	11-4-74
FLUID LEVEL	DRY
REMARKS:	

30