

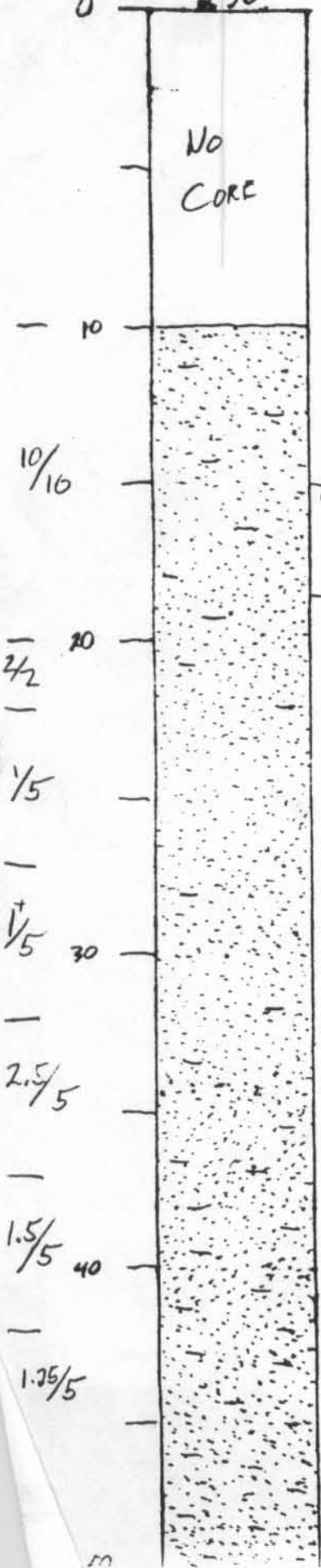
BORKE C.

PAUL Huddleston
CORE description

Millers Pond
GGS 3758

665-3758
230

TD 859



No
CORE

10R 4/6

fine - fine med moderately poorly sorted
massive structureless residual sand

IRWINGTON

Δ color

medium - coarse, moderately poorly sorted

Δ color

more ochre

medium, moderately sorted, all very slightly
or yellowish

incoherent

all generally massive + structureless

hardly coherent

some poor sorting

↓ more poorly sorted + layered

some stratification, fine

C-UC-GR

SAND, GENERALLY MASSIVE
STRUCTURELESS, SOME SCATTERED RUDE
BEDDING, VARIABLY MED-MOD. SORTED TO
C-UC, GRAY. POORLY SORTED, SLIGHTLY
KAOLINITIC & MICACEOUS
CLOSE TO NS

IR CONCENT H, WS

KAOLIN, TOUGH WAXY SLICKENSIDES,
MASSIVE STRUCTURELESS, COLOR MOTTLED
WT- 5R 1/2-1/4 - 10R 3/4-1/2; SILTY + FINELY
MICACEOUS IN LOWER PART, MORE OCREOUS
IN LOWER PART, SCATTERED COARSE
SAND IN UPPER PART

SIZE

WT
SAND W/
MIC S.

OR STAIN
R 1/2-1/4

GETTING SILTY +
MICACEOUS

SILTY MICACEOUS KAOLIN

EST. SILT

SILTY

WET STAIN

4 1/5

3 2/5

1/5

4/5

2 1/5

4/5

1/5

1/5

2/5

1/5

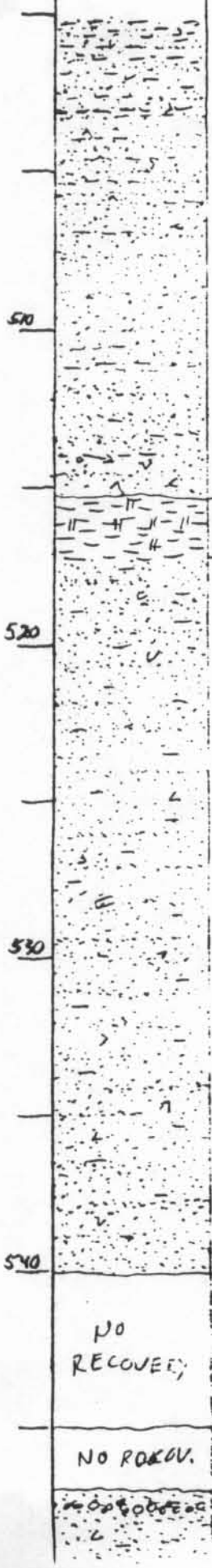
460

470

480

490

3 1/2 / 5
1/4 1/2
3/4 / 4 1/2
5/5
5/5
3 1/4 / 4
4 1/5
2/5
0/5
0/2
1/1
1/1



THICK, KAOLINITIC, MICACEOUS
FINE, WELL SORTED SAND HEAVIES?
X-BEDDED?
VE-N?

ADDITIONAL
CAPSULE

MORE RUDELY BEDDED

SY 8/1
FINING UPWARD
COARSE-VC, CLASPEFU

ABRUPT
CARBINACEOUS MASSIVE TOUGH WAXY, CARONCEOUS
KAOLIN
ABRPT BUT GRAD.

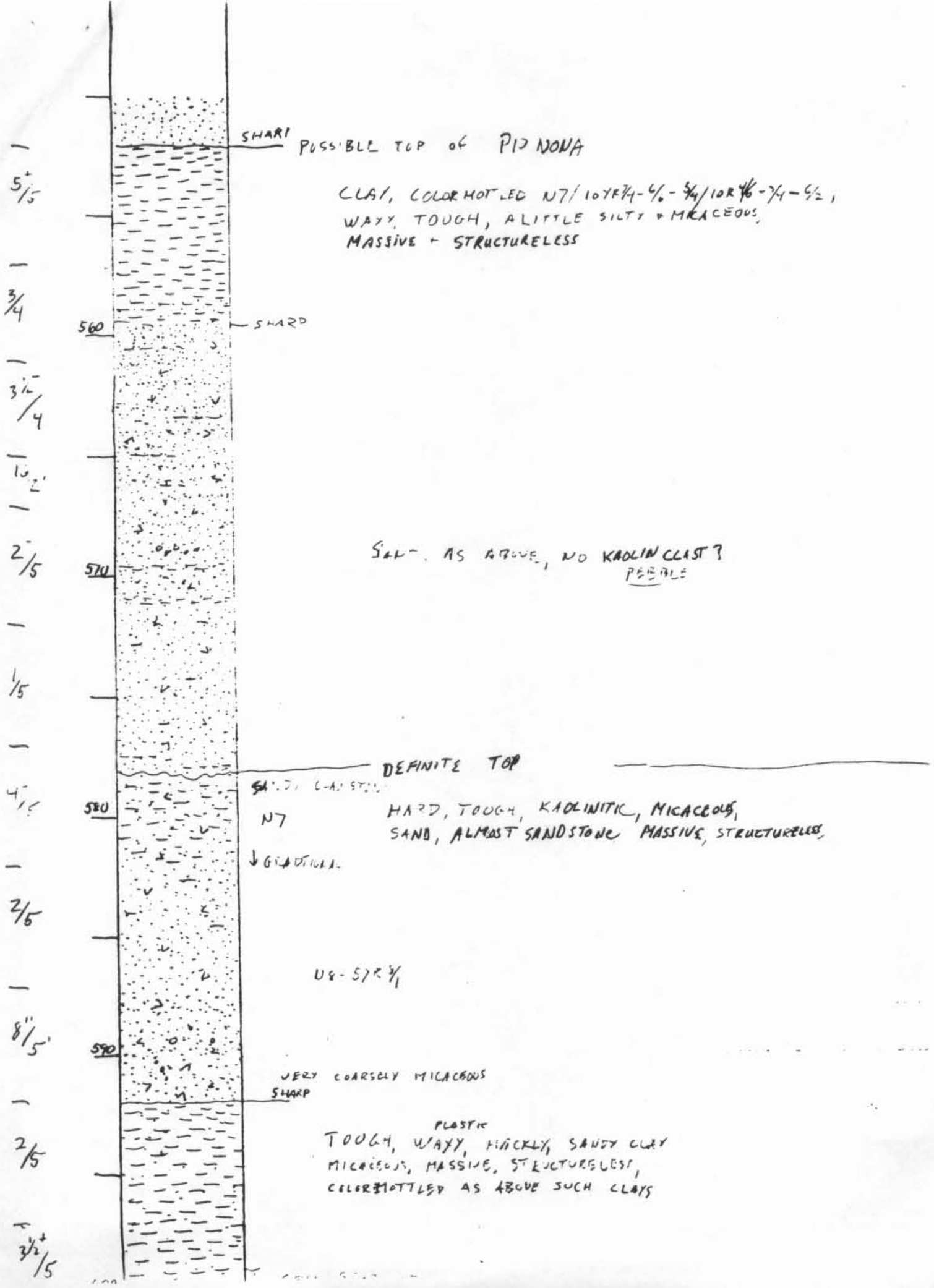
CORE ... NOT GOOD, EVIDENCE OF RUDE
STRATIFICATION SAND VERY COARSE
MICACEOUS, SLIGHTLY KAOLINITIC

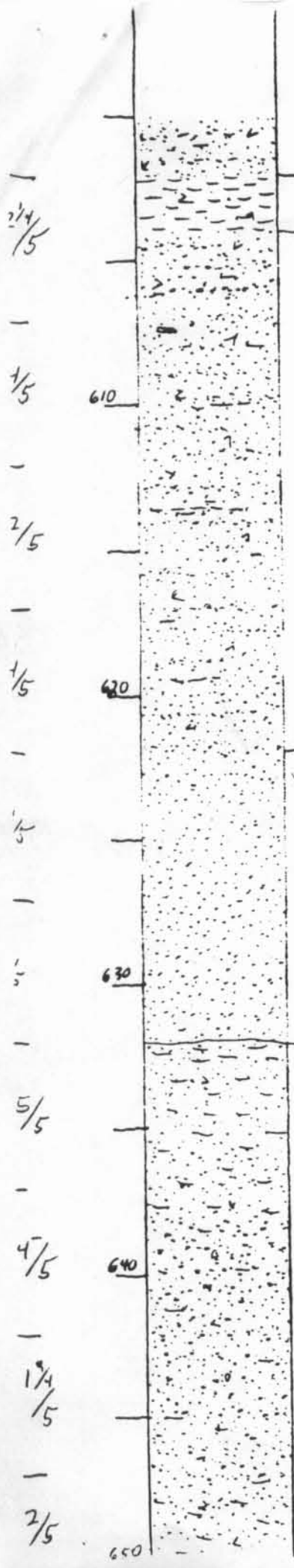
CLOSE TO NE

NO
RECOVER;

NO RECOV.

GRAVEL STRIPPER





SHARP
NS-NS
SHARP

SOFT
SILT, MICACEOUS, MASSIVE KAOLIN, SOME
IRON COLOR OR SHADE MOTTLES

SAND, MED-COARSE, MOD. POORLY
SORTED, SLIGHTLY KAOLINITIC W/
SOME KAOLIN-RICH LAYERS, MICACEOUS
APPEARS VAGUELY + RUDELY STRATIFIED

CLOSE TO NS-3YR/1

↓ FINING

INCOHERENT SAND, NO CORE

↑ MORE CLAY

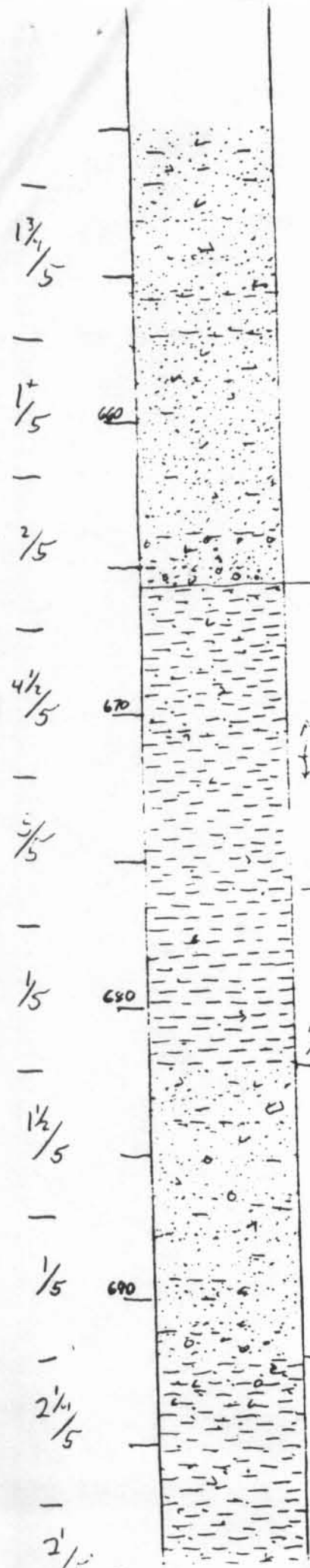
Tough, Hard, ALMOST A SANDSTONE
MASSIVE, STRUCTURELESS, JAGGED FRACTURE,
PEARLY - VERY P.S., MED-COARSE AND
COARSE - VERT C + GRANULAR W/ SOME
SMALL PEBS., SOME MICA, BECOMES
ALMOST CONSOLIDATED UPWARD

↓ SOFTENS

↓ BOTTLE

↓ UNCONSOLIDATED BUT FIRM

↓ FINES
MORE CLAY + MICA



SAND, VAGUELY RUDELY BEDDED
 ALMOST MASSIVE + STRUCTURELESS,
 SOME CLAYEY LAYERS, MOD. - POORLY
 SORTED; ITED - COARSE + MEBBLY,
 KAOLINITIC, SOMEWHAT MICACEOUS

SHARP

CLAY, MED-C. SANDY IN UPPER PART,
 SLIGHTLY SILTY + MICACEOUS IN
 LOWER PART. GRAY ABOVE, COLOR
 MOTTLED BELOW 10R 4/4 - 5R 5/4, with
 10YR 5/1, N7

MASSIVE

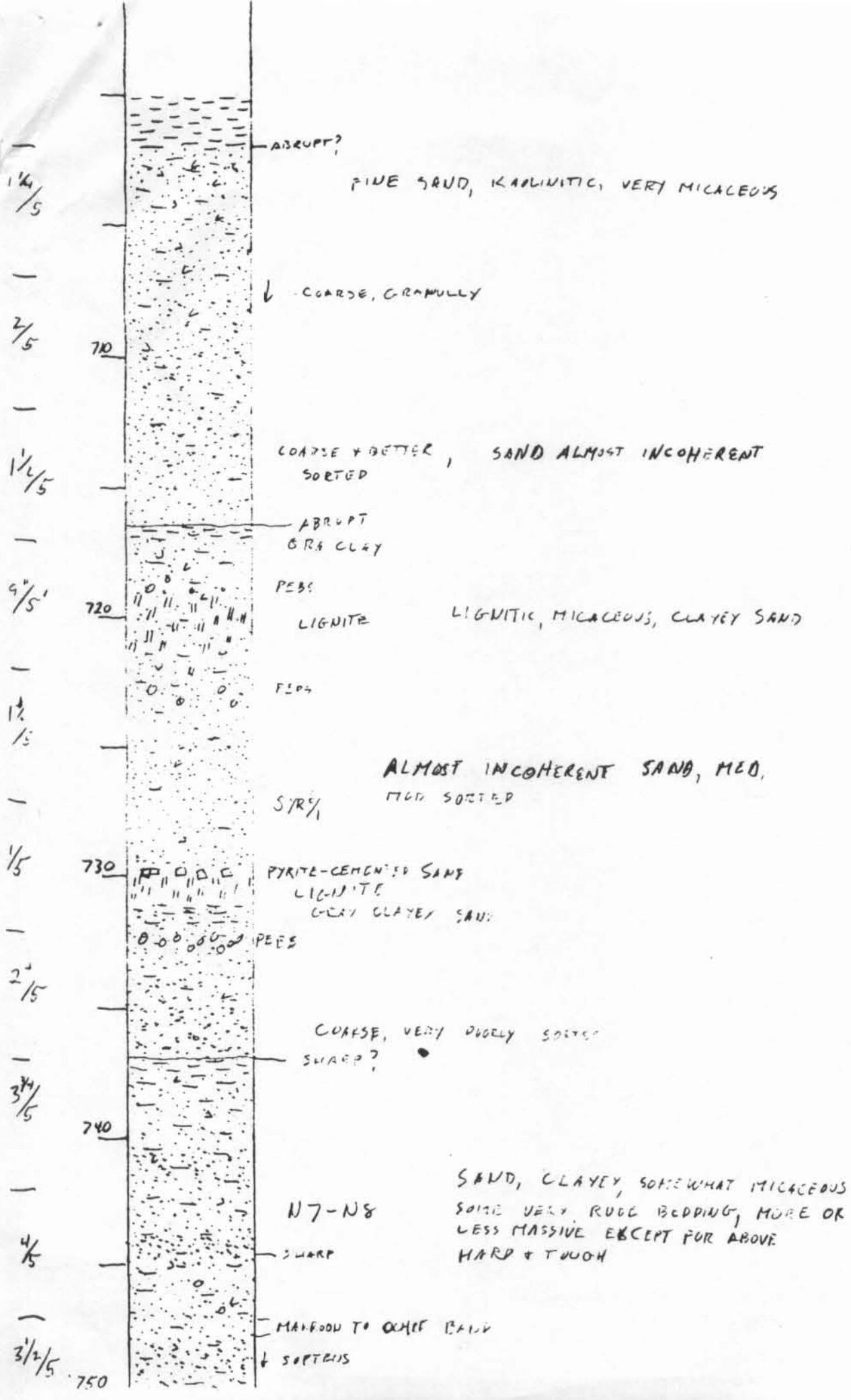
LAYERED

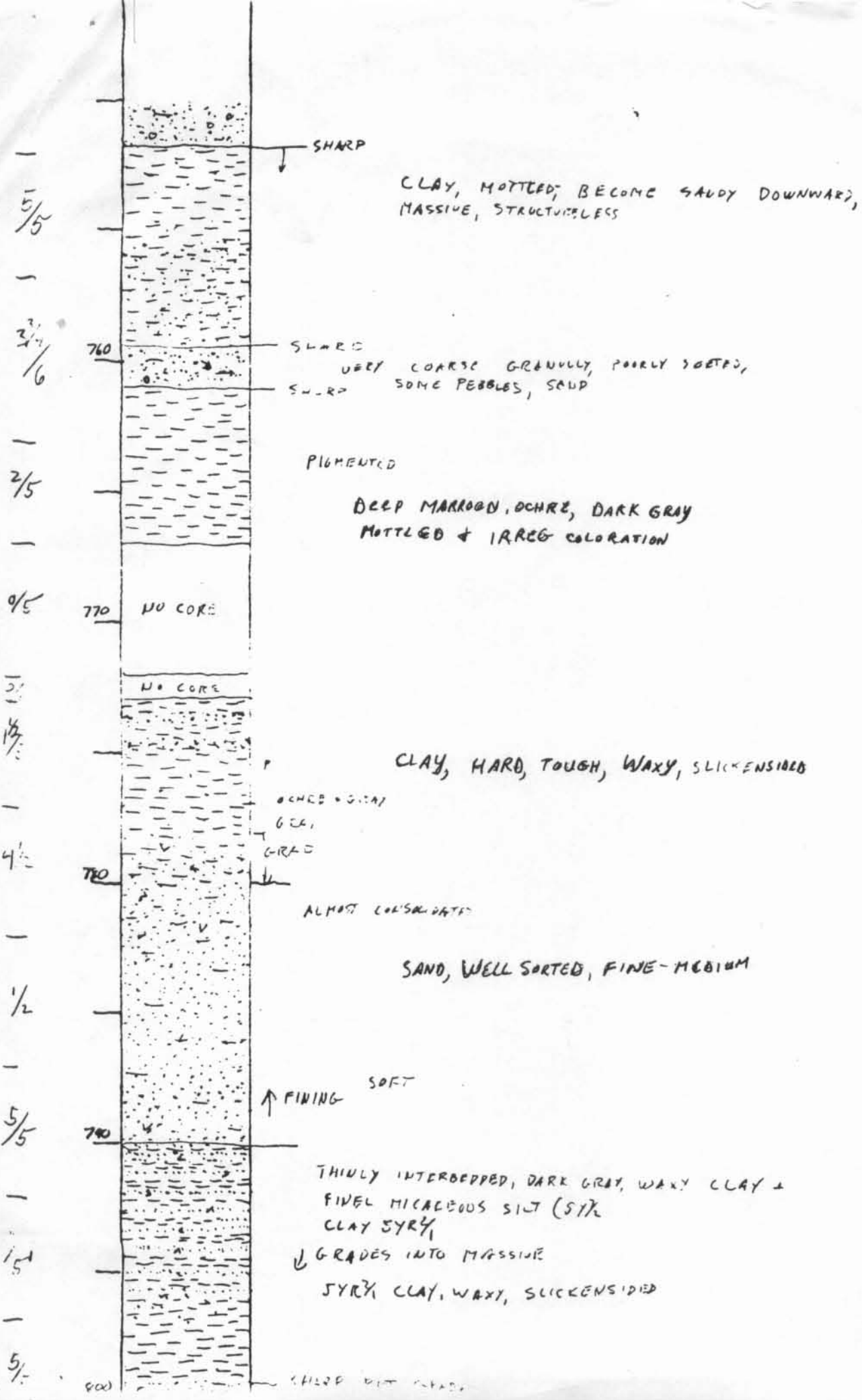
SHARP

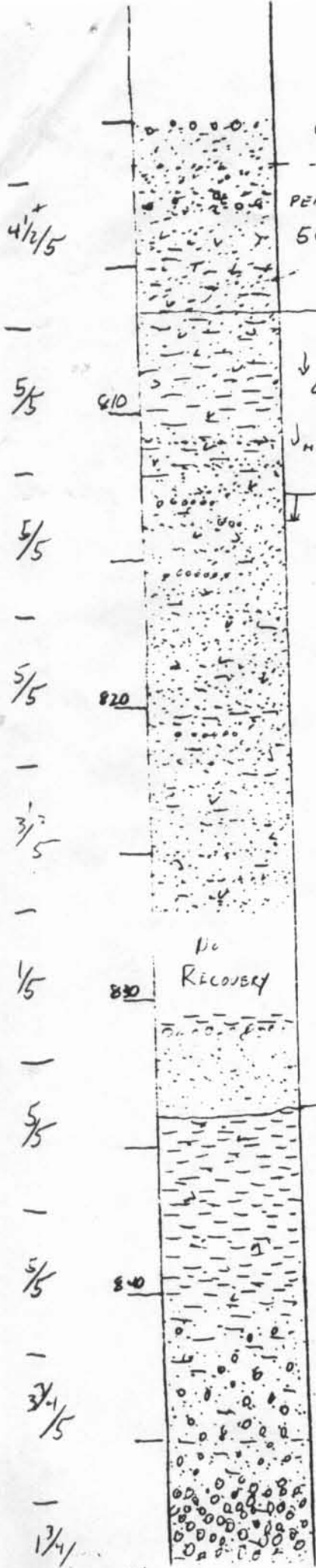
SOFT SAND, KAOLINITIC, MICACEOUS
 VAGUELY RUDELY BEDDED, AS ABOVE
 ?

GRAD

CLAY, SANDY, SLIGHTLY MICACEOUS
 SOME COLOR MOTTLING, MAINLY
 GRAY, N7, 10R 4/6 AS ABOVE CLA
 MASSIVE, STRUCTURELESS







GRAVEL MOD SORTED, MED SAND

PEBS COARSE VERY MICACEOUS, POORLY SORTED
567 1/4
CLAYEY, VERY MICACEOUS, FELDSPATHIC SAND

BRUPTLY FINES FINELY MICACEOUS, FINELY SANDY CLAY, CLAY, SILTY, FINE SD

CLAY 100% - GRAY

MOTTLED MORE SAND

GRAVEL GRAVEL STRINGERS ALL MORE IMMATURE THAN ABOVE 800'

USUALLY UCHRE-STAINED + BLUE GRAY

VERY VAGUELY + RUDELY STRATIFIED,
COARSELY MICACEOUS, ARGILLACEOUS, POORLY
SORTED M-C SAND, SOME GRAVEL
STRINGERS, SOME COARSE MICA,
WEATHERED/UNWEATHERED MOTTLED,
C. GRAYS - BLUE GRAY, PROBABLY
SOMEWHAT FELDSPATHIC

830 No Recovery
567 1/4 WASH. M. CLAY

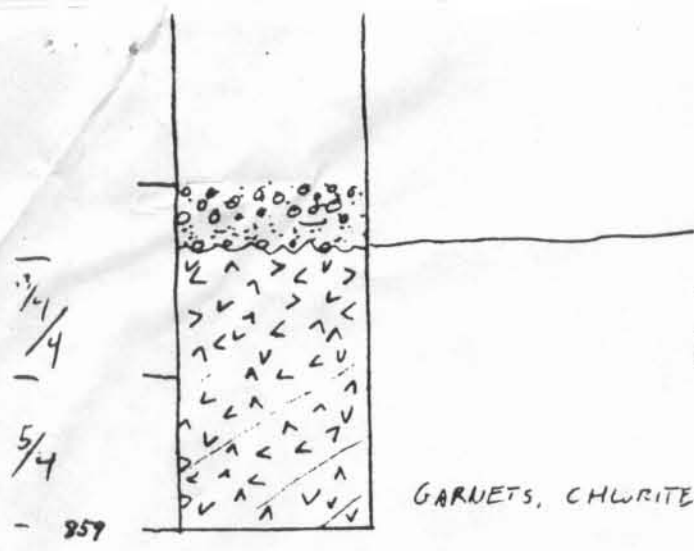
SHARP

VERY TUGH, WASH, DEEPLY WEATHERED + PIGMENTED
CLAY, INTICATELY MOTTLED, SLICKENSIDED, "SHATTERED"?
DEEP BLUE GRAY - 100% - 3/4, SLIGHTLY SILTY,
MICACEOUS, EXTREMELY HACKLY FRACTURE

840 ↓ GETTING SANDY

DEEPLY - MIDEPIKELY PIGMENTED

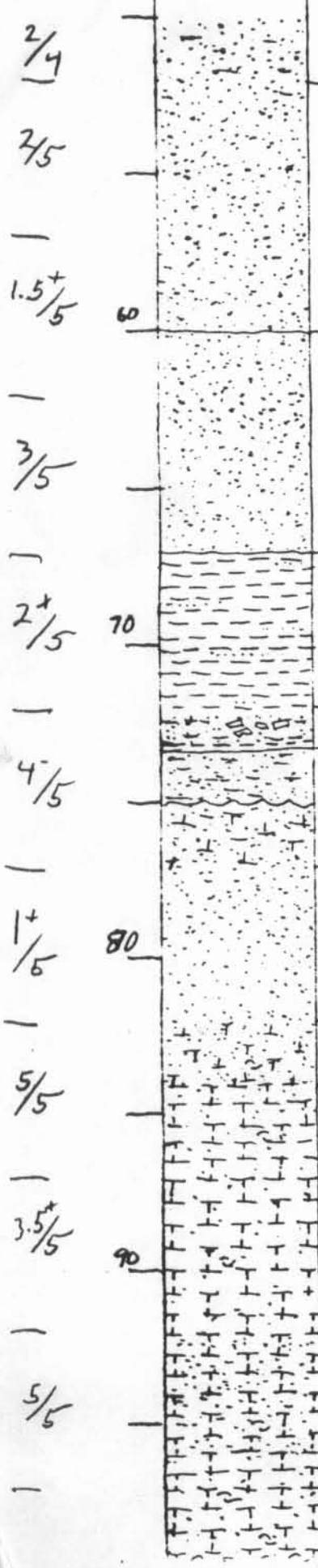
FELDSPATHIC
COARSE GRAVEL SANDY CLAYEY, MAX PEB 1 1/2"



METAMORPHIC
BASEMENT

GARNETS, CHLORITE

T.D.
859



incoherent, loose
moderately poorly sorted

IRWINTON 60+'

H₂O-stain
very poorly sorted, appears marbled, massive

GRIFFINS LANDING 7'

↓ finer
43R JPT?

thick bedded
carbon clay w/ some very fine sand particles

TWIGGS 5'

clayey sand w/ mica - small clay clasts

5Y 4 argillaceous well sorted, micaceous fine grained

sand resid, caving CIRCULATION LOST?

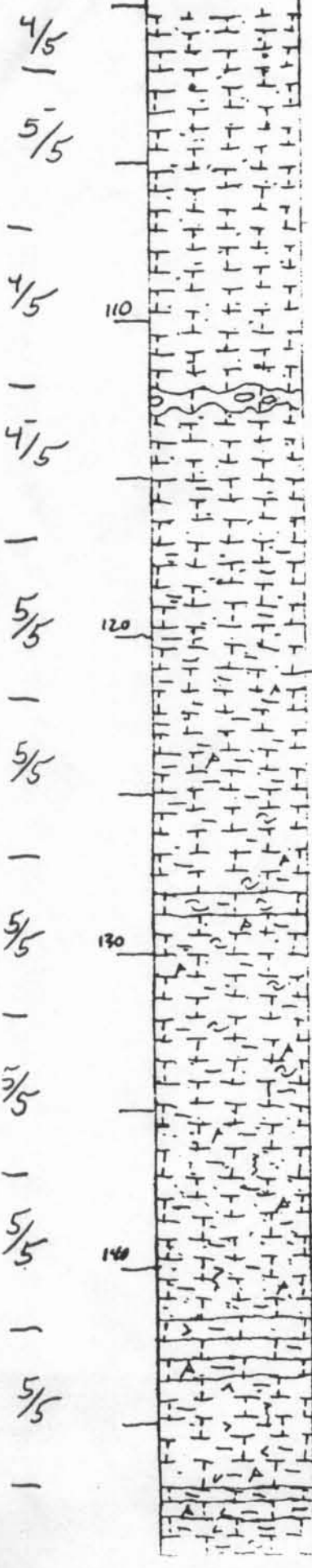
structureless, massive, argillaceous, calc-sand. fine sand
sand content abruptly increases
5Y 8/1

unconsolidated, sandy calc-crete, rare, leached
organitic fossils, rare calcitic fossils (oxytara?)

↓ a little more sandy ↓ 5Y 8/1 - 7/6

↓ less sandy, fossils more conspicuous

↓ to 5Y 8/1



↓ finery, less sandy

57 3/4

continuing to fine

Mc BEAN
46'

↓ increasing clay

57 5/4

GRADATIONAL OVER

↓ COARSENESS, MORE FOSSIL & SHELL FRAGS

57 1/2 - 1/2

BLUE BLUFF
35'

↓ SOME GLAUCONITE ... & ...
↓ FINES

COARSE - FINELY
CALCARENITE, ARGILLACEOUS, VARIABLE MUNE
SAND, SOME PHOSPHATE LESS GLAUCONITE, SOME
FINELY DISSEMINATED PYRITE, VARIOUSLY
FOSSILIFEROUS W/ SCATTERED CONCENTRATIONS,
MOST FOSS. IN BASAL 2-4, MOSTLY CALCITIC,
ARAGONITIC SHELL MOLDS; MASSIVE AND
STRUCTURELESS - BITURATED; SOME
SHALLOWS 147-149, EQUIGRANULAR EXCEPT
LARGER FOSS. FRAGS.

↓ GYPSUM BLOOM (CONTINUED)

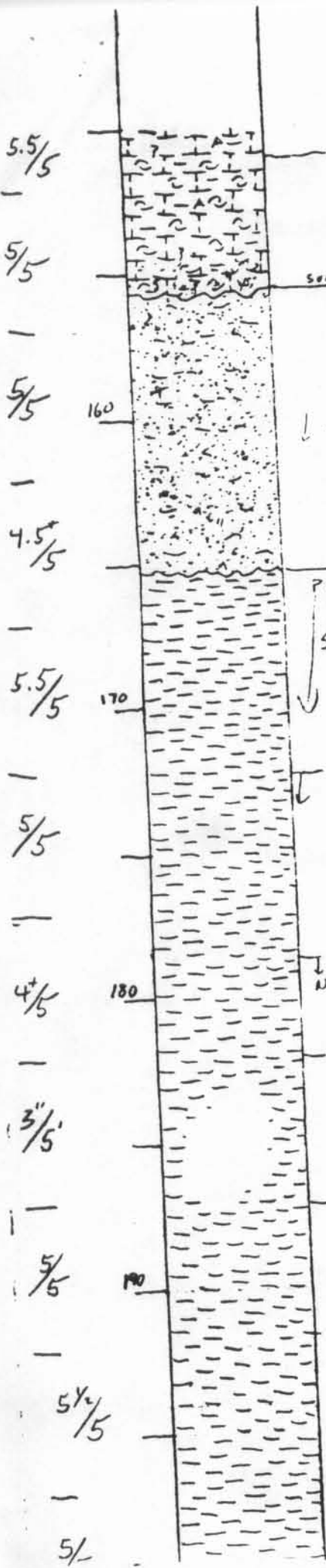
↓ FINER SAND

↓ BECOMING FINE

FISSILE
NON-FISSILE ↓ COARSE

BLUE BLUFF

~~LOST CIRCULATION?~~



CALCITIC SHELLS^{C-A}

SOME CHALKY ARAGONITIC SHELLS

5Y 7/2 - 7/2

5Y 5/2 - 3/2

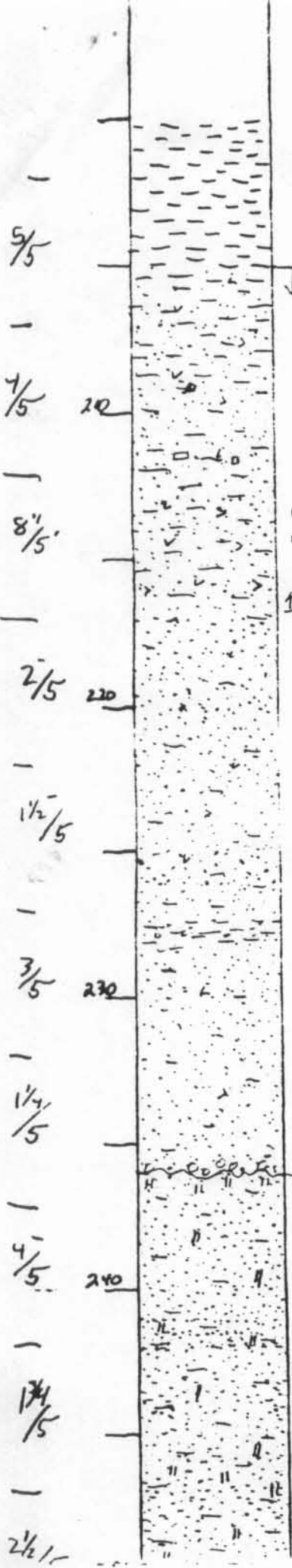
↓
PYRITIC
N6
↓
5Y 1/2
PYRITE DECREASE
↓
REDUCED

↓
MARJON STAINING
& MOTTLING

↓
NO STAIN

SAND, BIOTURATED, ARGILLACEOUS, MICACEOUS, w/
GYPSUM-CLAY LIGNITIC MATERIAL - TR FINES UPWARD,
SOME DISCRETE CLAY CLOTS OR 'MOTTLES' IN
UPPER PART

KAOLIN, SAND NOT APPARENT, TOUGH, WAXY
MASSIVE, STRUCTURELESS, UPPER PART
APPEARS REDUCED, MOST IS HIGHLY
PIGMENTED w/ VERY IRREGULAR MOTTLES +
IRREG TIN; HAIR-LIKE STREAKS < 1mm
5R 7/4 - 5/4 - 6/4 - 5Y 8/1
A LOT OF FUNGUS GROWING ON CORE



getting silty & micaceous
 SAND INCREASES GRADUALLY
 ALSO COARSEN;

SILTY, SLIGHTLY MICACEOUS
 KAOLIN, SOME PYRITE

SAND
 PYRITE

ALL MASSIVE
 & STRUCTURELESS

↓
 VERY
 MICACEOUS

CLAY DECREASES
 SAND COARSENS

MASSIVE, STRUCTURELESS,
 MOD SORTED, MED-COURSE SAND,
 SOME GRANULES

SAND MED-COURSE

GRAVULES

POORLY SORTED

F-M SAND

MOD. WELL SORTED

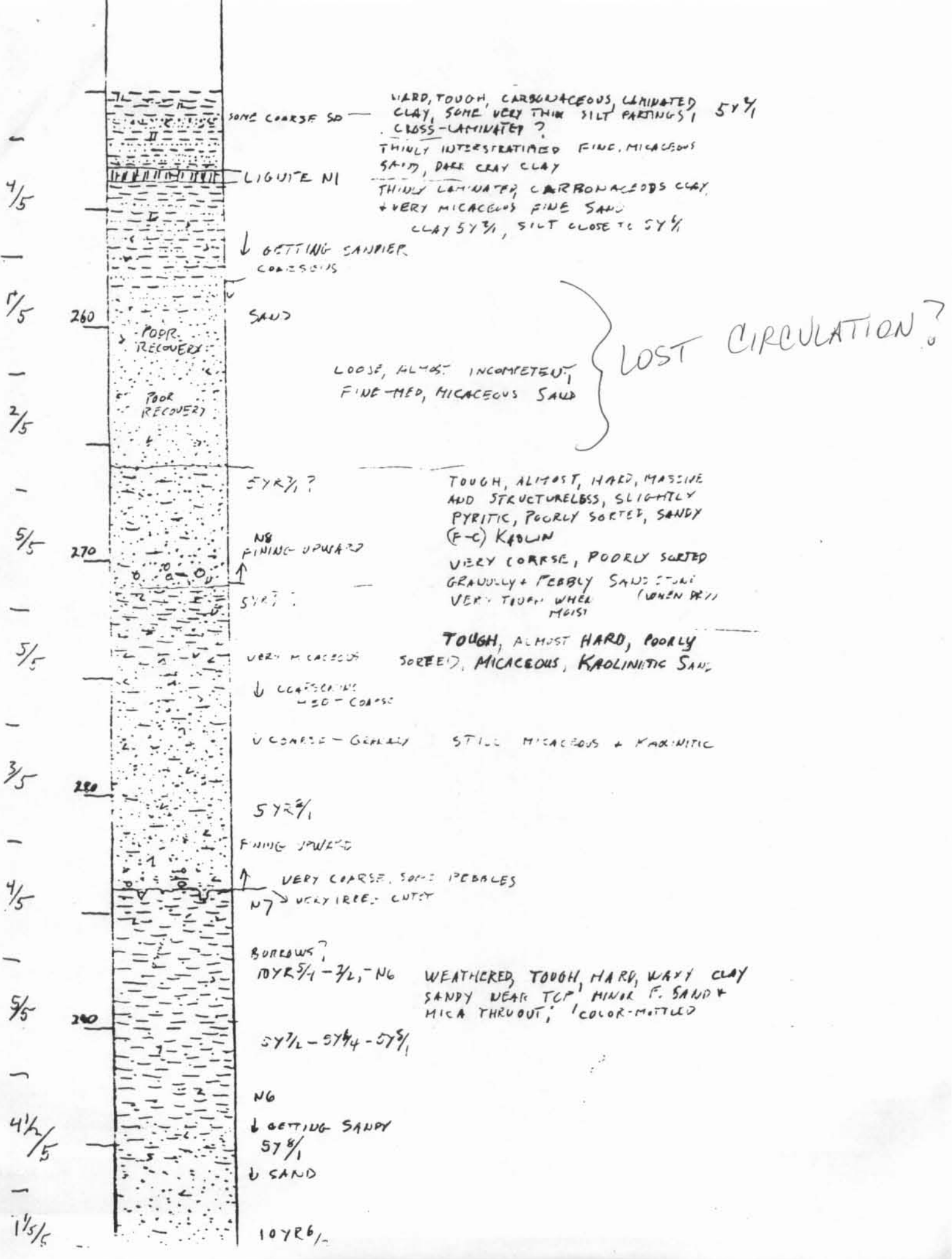
POORLY & PARTLY SORTED AT BASE

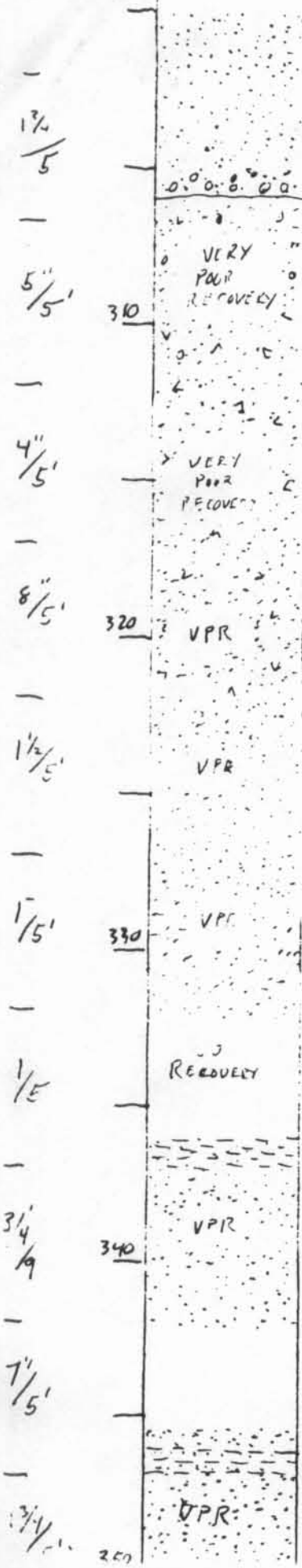
PEPS \geq 1CM
 CARBONACEOUS

VARIABLY CARBONACEOUS, ARGILLACEOUS MICACEOUS
 FINE-MED SAND; NOT VERY COHERENT

SOME THIN STRATIFICATION & MORE COMPETENT

MORE CARBONACEOUS





COARSELY MICACEOUS

↑ FLOW UPWARD

VERY POOR RECOVERY

VERY POORLY SORTED, COARSELY MICACEOUS
PEBBLE SAND

VERY POOR RECOVERY

VERY COARSELY MICACEOUS MED SD

VPR

MICACEOUS MED SD
5% 1/2

VPR

INCOHERENT COARSE SAND
CLOSE TO 5% 1/2, MAYBE 10% 1/2

VPR

SAME AS ABOVE

RECOVERY

TOUGH SAND, MICACEOUS (W) 1/2

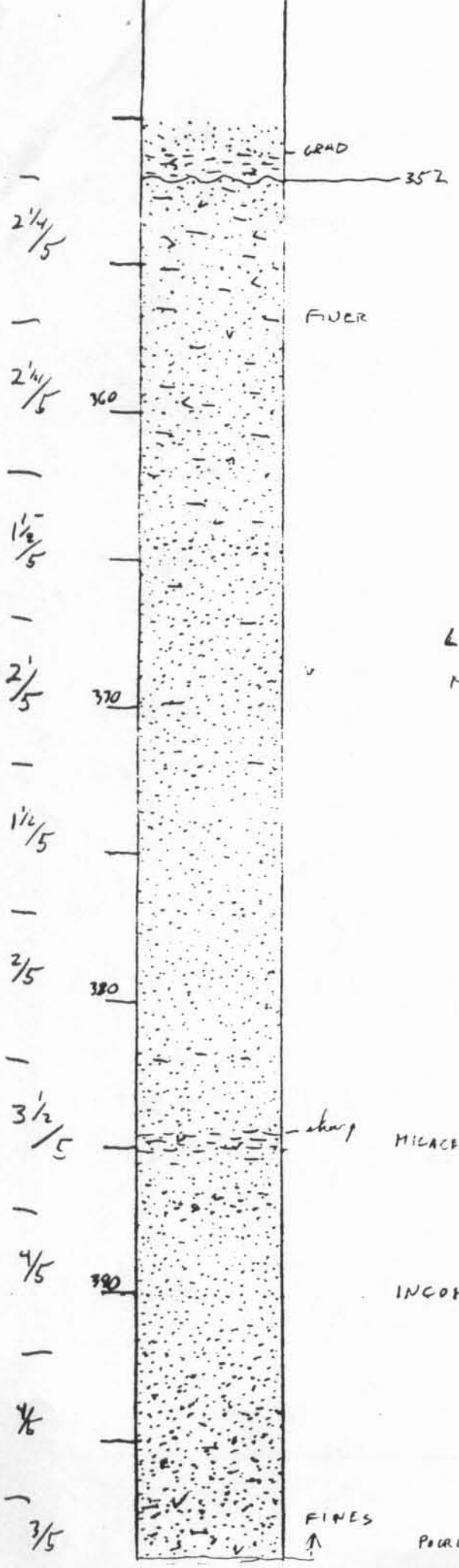
VPR

SAND AS ABOVE INCOHERENT

VPR

AS ABOVE BUT MORE SAND

COARSE SAND AS ABOVE



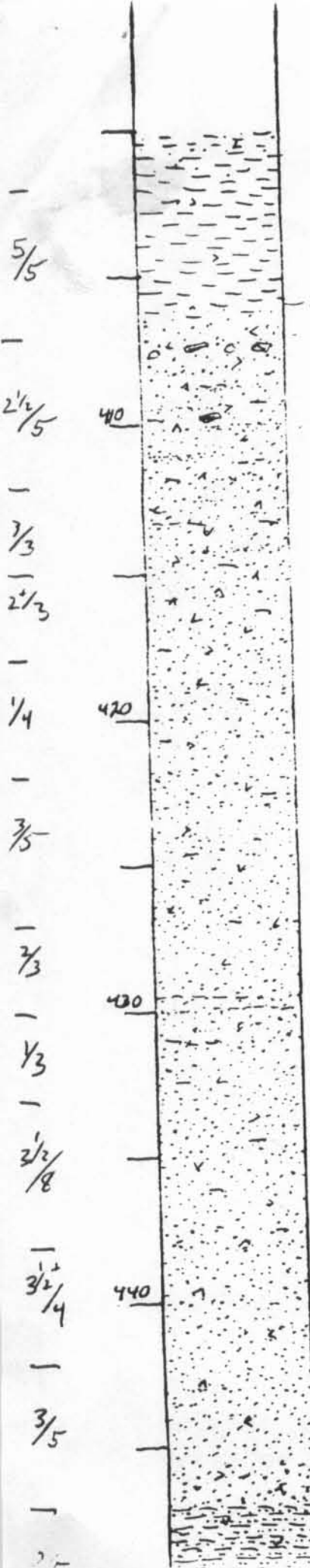
POORLY SORTED TO MOD. POORLY SORTED MASSIVE STRUCTURELESS, MICACEOUS KAOLINITIC, F/M-MIC SAND

LESS KAOLIN ALMOST PURE INCOHERENT, MOD. SORTED M-C SAND

sharp MICACEOUS, FINELY SANDY KAOLIN

INCOHERENT SAND AS ABOVE

FINES POORLY SORTED, COARSELY MICACEOUS, GRANULY SB



NR

KADLIN, MASSIVE, STRUCTURELESS,
 WAXY, SOFT, FRACTURE APPEARS
 CONCHOIDAL, SLIGHTLY MICACEOUS,
 A LITTLE SILTY, SOME SAND IN
 UPPER PART

6.0" - 1.0" ~ 1"

40

GIES
 FROM
 NR -
 5YR 1/2

SAND, VERY RUFFLY BEDDED TO MASSIVE &
 STRUCTURELESS, GENERALLY COARSE - VERY
 COARSE + G... MICACEOUS - VERY
 MICACEOUS; SEE KADLIN CLASTS

420

VERY COARSE

430

NR

5YR 2

PINES T. P.C.
 NR

440

COARSE-GRANULY
 SHARP
 KADLIN NR
 SILT NR

LAMINATED, KADLIN & MICACEOUS SILT,
 EITHER INCLINED BEDDING OR DRILLING