330570

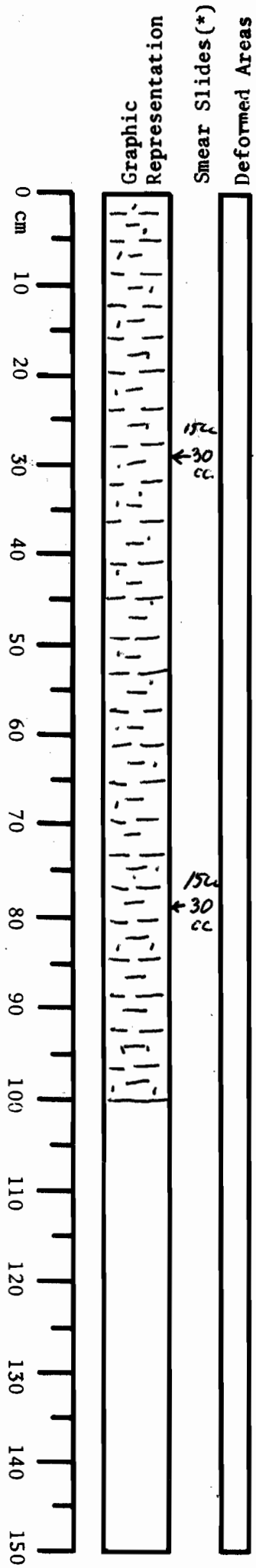
12/9/75

VISUAL CORE DESCRIPTION

907-911'

LEG	SITE	HOLE	CORE	SEC
	6001		80	1

OBSERVER
POAG



See NOTE ON 80-2 sheet

THIS MAY BE FROM CORE 79

CLAY – silty, variegated red, gray, yellow (mainly red)

Dark red (2.5YR, 3/6)

Light Gray (5Y, 7/1)

Light yellowish brown (2.5Y, 6/4)

330570

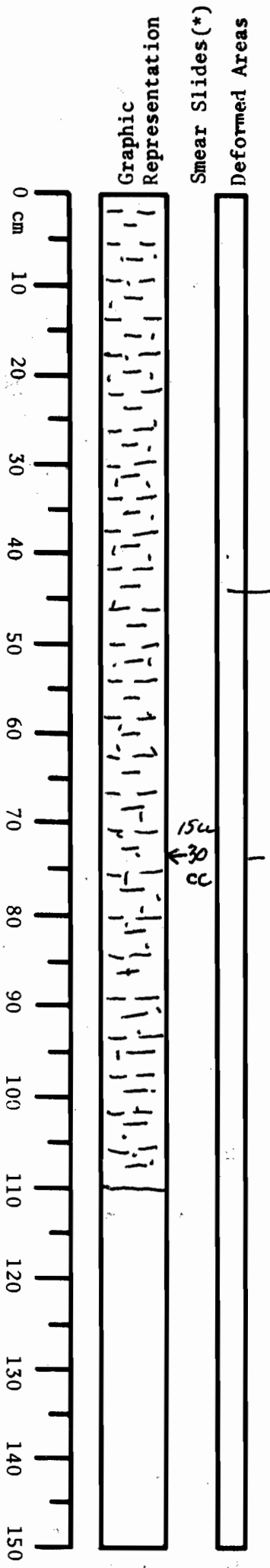
12-9-75

VISUAL CORE DESCRIPTION

907-911

LEG	SITE	HOLE	CORE	SEC
6	0001		8	02

OBSERVER
POAG



(NOTE: Only 4' were cored on this run and 18' were recovered which probably represents most of core 79 above which had no recovery.) (ALSO: WHOLE CORE TWISTED AND ROTATED AT SEVERAL VARIOUS POINTS - POSSIBLE MISSING SECTIONS.)

CLAY - silty, variegated red, yellow, gray, as above: Dark Red - 2.5YR, 3/6
Light Gray - 5Y, 7/1
Light Yellowish Brown - 2.5Y, 6/4

plus weak red clay - 10R, 5-3

330570

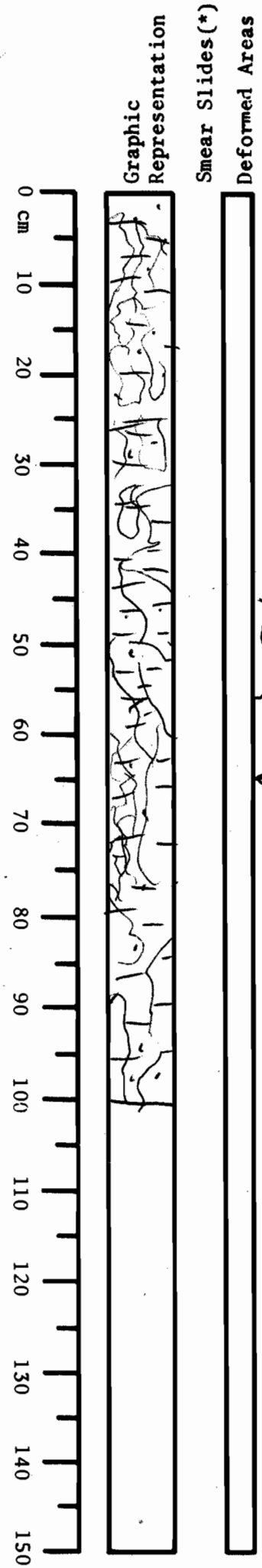
12-9-75

VISUAL CORE DESCRIPTION

907 - 911'

LEG	SITE	HOLE	CORE	SEC
6	0001		80	03

OBSERVER
POAG
& EGAW



CLAY, DARK RED (2.5YR, 3/6)
W. LT. GRAY (5Y, 7/1) areas
SILTY, VARIEGATED MAINLY
RED AS ABOVE

HYDROC. SAMPLE 47-56cm

← 15cc veined zone

LT. YELLOWISH BROWN NEAR LOWER
END OF SECTION

330570

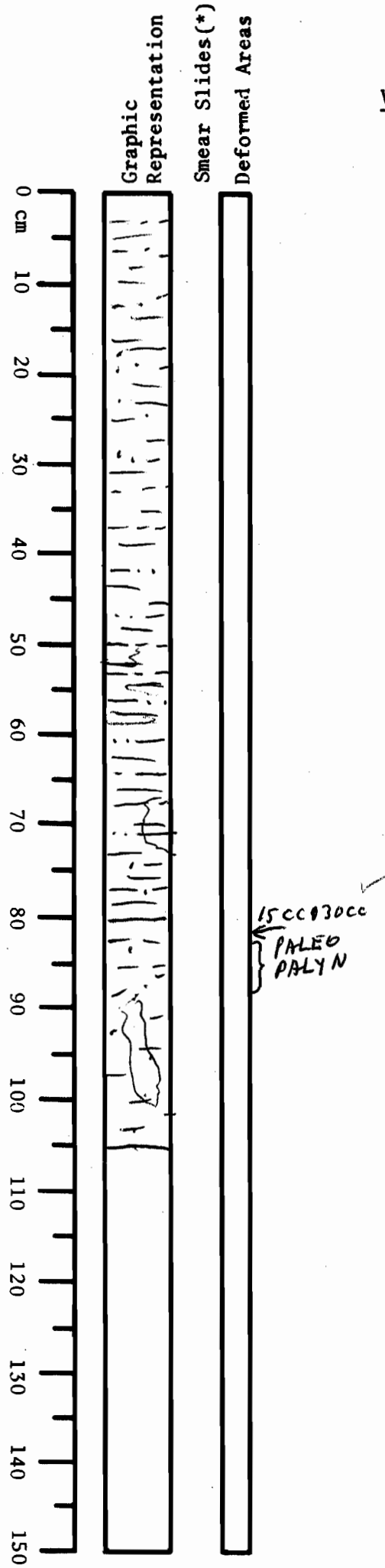
12/9/75

VISUAL CORE DESCRIPTION

907-911'

LEG	SITE	HOLE	CORE	SEC
6	0 0 1		8 0	4

OBSERVER
EGAW



LT. GRAY CLAY, SILTY, FIRM
VARIGATED W. RED

AND YELLOWISH BROWN

AS ABOVE

(GRAY DOMINATING
AND RED DIMMINISHING
DOWNWARD IN THE SECTION)

SILTY-FIRM
CLAY -LT. OLIVE BROWN (2.5Y 5/3)
WITH ZONES OF GRAY (2.5Y 5/1)
CLAY

330570

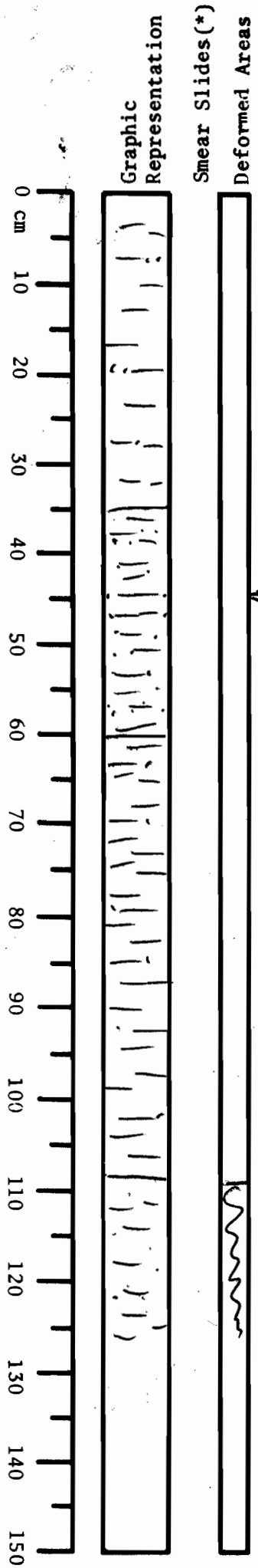
12/9/75

VISUAL CORE DESCRIPTION

907-911'

LEG	SITE	HOLE	CORE	SEC
6	001		80	5

OBSERVER
EGAW



CLAY, VARIEGATED, AS ABOVE
OLIVE COLOR DOMINANT
TO 35 cm. - MOTTLED

← 15cc
30cc

LT. GRAY SILTY CLAY SECTION
TO 60 cm. MICACEOUS W. DARK
GRAY HALOES AROUND OLIVE BROWN
ZONES

← SUDDEN RETURN TO DOMINANTLY DARK
RED VARIEGATED CLAY AT 60 cm.
WITH ZONES OF LT. GRAY SILTY
CLAY

SQZR - SALINITY 0.7 ‰

CORE CATCHER SAMPLE - HIGHLY
DISTURBED - IN SEPARATE PLASTIC
BAGS - CLAY

330570

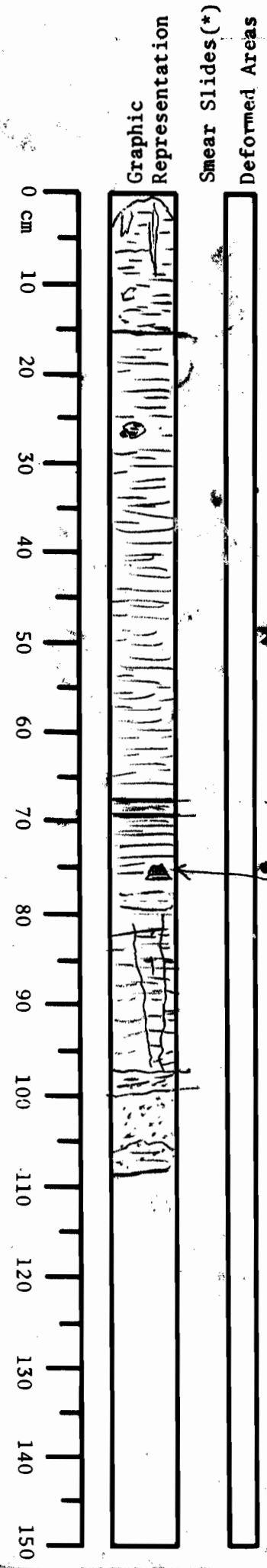
12/9/75

VISUAL CORE DESCRIPTION

911' - 925'

[redacted]	SITE	HOLE	CORE	SEC
	6001		81	1

OBSERVER
JCH



clay, red 10R 4/4 with mottles of white or light gray and ~~[illegible]~~ vertical crack fillings of light olive gray, 5Y 6/2

zone of clay, yellowish brown 10YR 5/4

← zone of dusky red 10R 3/4

Clay, reddish brown 2.5YR4/4 mottled with small areas and vertical crack fillings of light olive gray

grading to red 10R 4/6 at lower part of zone at 66 cm

bed of white clay, slightly silty

clay, red 10R4/6

sharply defined zone (pebble?) of clay dark red 10R 3/6

vertical crack fillings of very dark grayish brown 2.5Y 4/2

Heavily mottled red & olive clay 10R 4/6

Soft gray clay

white & gray sand, fine

light gray, clay sand, fine

(Heavy rain)

330570

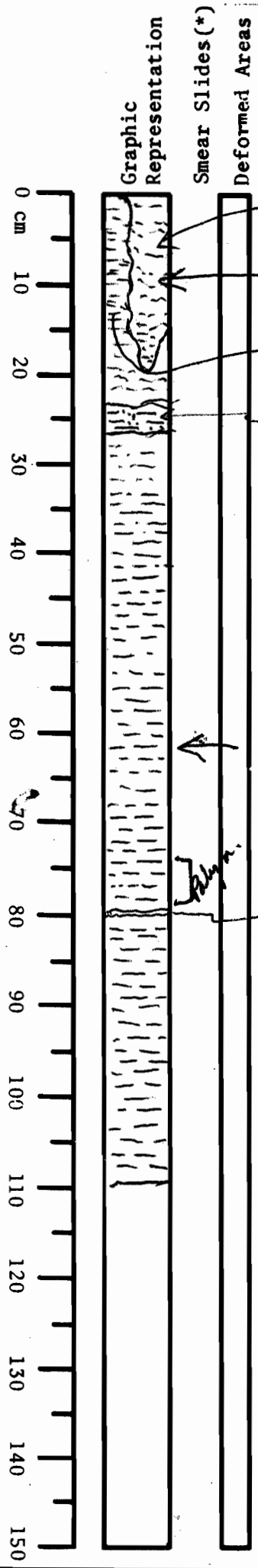
12/9/75

VISUAL CORE DESCRIPTION

911-925'

LEG	SITE	HOLE	CORE	SEC
6	0 0 1		8 1	2

OBSERVER: JCH



cavity filling of bedded slightly silty clay, lt gray 5 Y 7/1 sl micaceous

15cc
30cc

variegated dk red, lt olive 2.5 Y 7/4 + gray 5 Y 5/1 clay (10 Y 3/6) Red ends at 70 cm mainly lt olive brown (2.5 Y 5/4) below 70 cm with gray (5 Y 5/1) splotchy distribution of colors

slightly silty gray clay

15cc
30cc 60-63

slight silty gray clay

330570

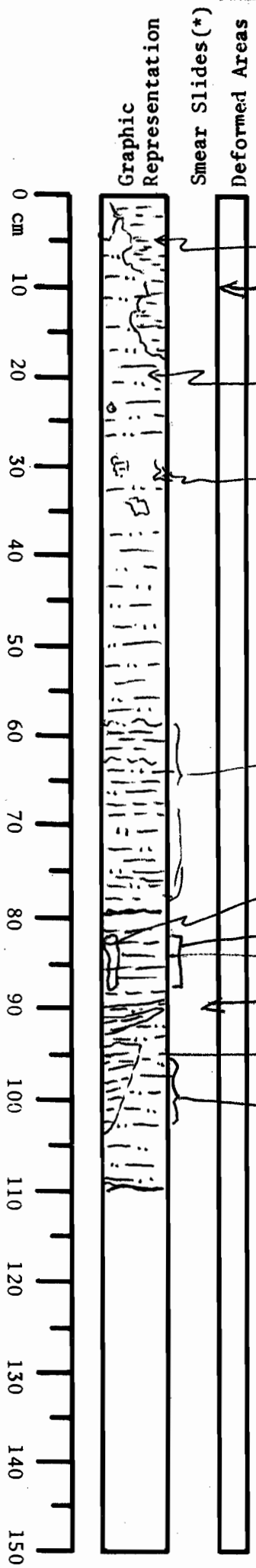
12/9/75

VISUAL CORE DESCRIPTION

911 - 925'

LEG	SITE	HOLE	CORE	SEC
6	001		81	3

OBSERVER: JS



mottled silty clay yellowish brown 10YR 5/4, punky,

15cc
30cc

mottled clay silt, punky lt gray 5Y 7/1

irregular silty clay yellow brown 10YR 5/4
sharp contact 1-3 cm across

mottled silty clay + clayey silt
punky yellowish brown 10YR 5/4 + lt gray
5Y 7/1

clayey silt

paleo

(N-4)
dk gray massive, punky sl silty clay
sharp contacts above + below carbonaceous
specks, faint thin flaser bedding

15cc
30cc

clayey silt lt brownish gray 2.5Y 6/2
micaceous, faint discont thin bedding
some v. fine sand
from clay

polynol

330570

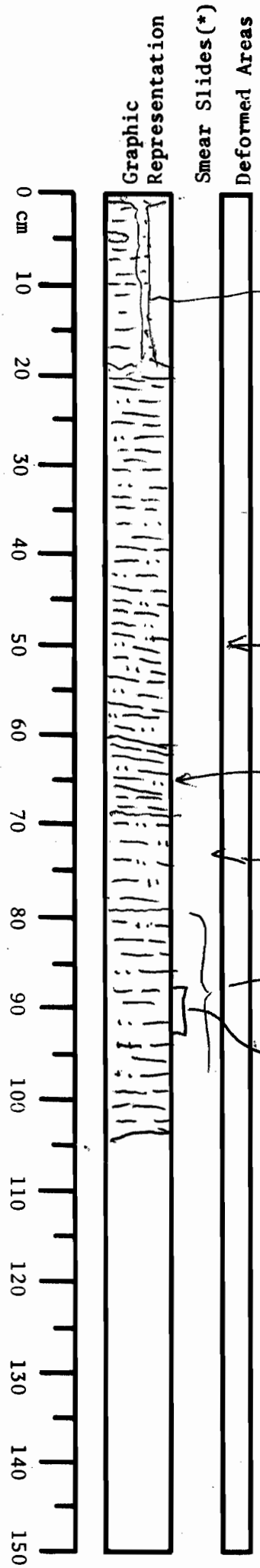
12-9-75

VISUAL CORE DESCRIPTION

911-925'

LEG	SITE	HOLE	CORE	SECT
6	001		8	4

OBSERVER
FK



burrow of clayey silt

Thin discont laminated silty clay (dk grayish brown 2.5Y 4/2) and clay silt, punky, dk grayish brown, from 0-60cm

15cc
30cc

silty clay,

2.5Y 5/2 clayey silt grayish brown with a few clay

2.5Y 4/2 dk grayish brown

silty clay with thin intercalations of clayey silt

palynology

SQZR - SALINITY 0.8‰

330570

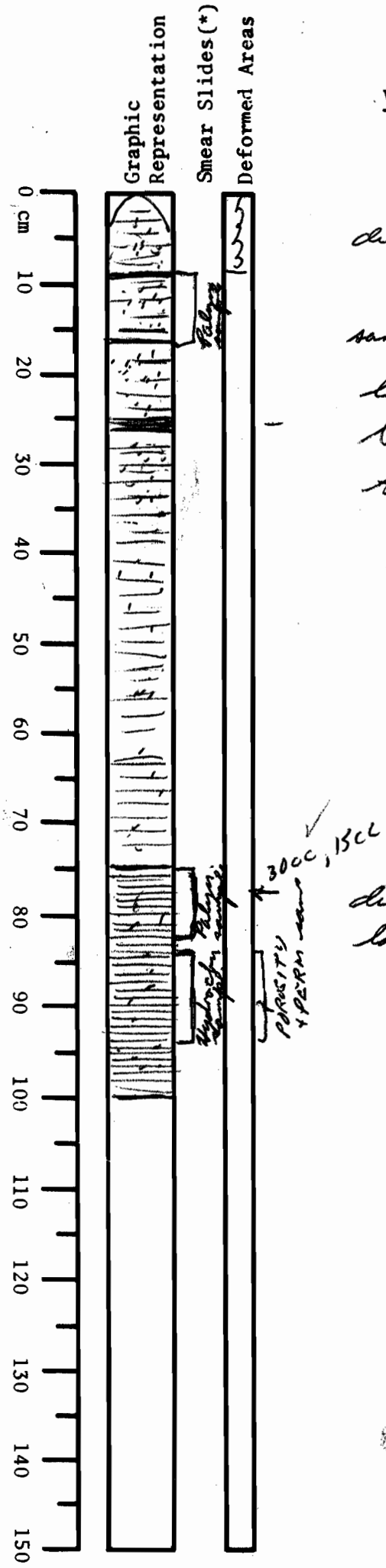
12/9/75

VISUAL CORE DESCRIPTION

925'-940'

LEG	SITE	HOLE	CORE	SEC
6	001		82	1

OBSERVER
JCH



disturbed ~~silty~~ clayey sand + silt

sand, fine, clayey + silty, gray 10YR 6/1
laminated and streaked with thin black beds and laminae from <1 mm to 3 mm thickness

laminae more prominent from 10-40 cm and from 55 to 75 cm than in center

distinctly laminated gray + black beds of clayey silt laminae 1-2 mm thickness

330570

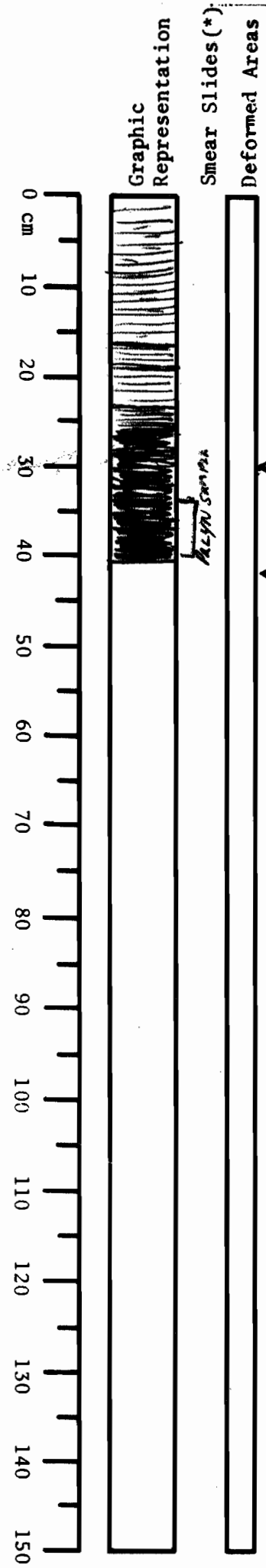
12/9/75

VISUAL CORE DESCRIPTION

925' - 940'

LEG	SITE	HOLE	CORE	SEC
6	901		82	2

OBSERVER
JCH+ED



Strongly laminated clayey silt
light brownish gray 2.5Y 6/2
layers alternating with black
laminae vary from <1mm to 4mm thickness
strong black band about 2mm thick at 16cm
dark band at 18-19cm

15cc
30cc clay, only slightly silty, black N 2/0
faintly laminated 23-25cm
massive below

SQZR - SALINITY 1.7 ‰

12/9/75

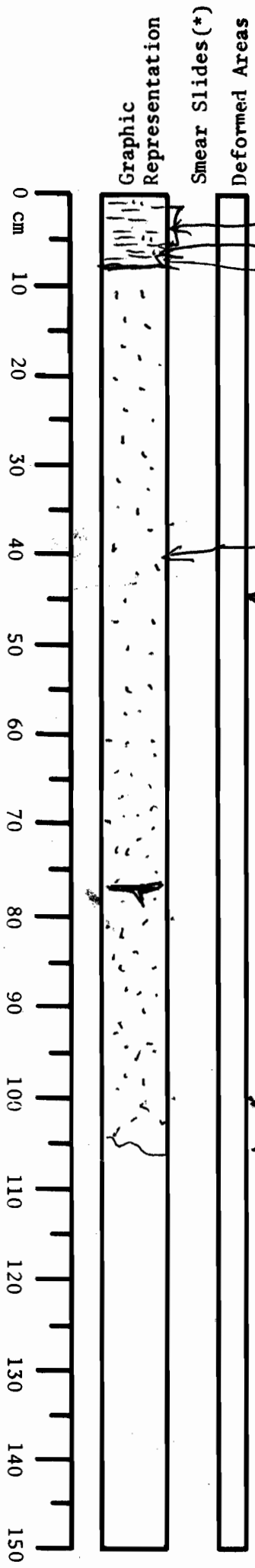
330570

LEG	SITE	HOLE	CORE	SEC
6	001		83	1

VISUAL CORE DESCRIPTION

940 - 954 ft

OBSERVER: JP-FK



palynology
15cc
~~30cc~~

(dk olive gray 5Y 3/2 sl silty clay slightly micaous, plastic, wispy distinct discont ~~be~~ thin bedding Sharp contact

15cc
30 c ✓
← SQZR SALINITY ~~4.5~~ ‰ 2.8

5YR 7/1
lt gray qtzose fine grained sand, micacous, silty ~~[illegible]~~ unindurated, massive

Large twig-like coal frag at 76 - 78 cm, hard

~~← SQZR - SALINITY 2.8‰~~

← SQZR - SALINITY ~~4.5~~ ‰ 4.5

330570

12/10/75

VISUAL CORE DESCRIPTION

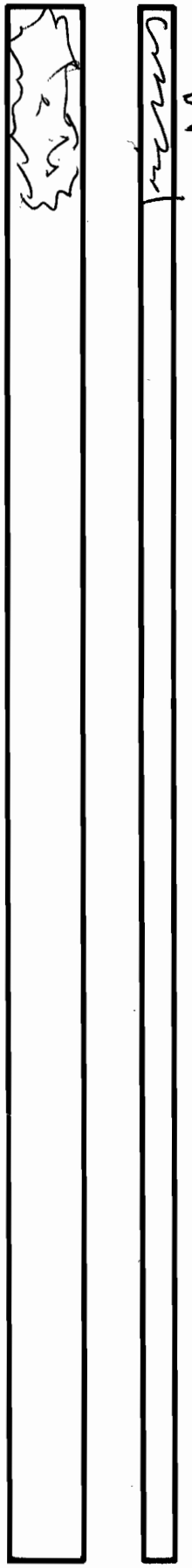
954'-970'

LEG	SITE	HOLE	CORE	SEC
6	001		84	1

OBSERVER
JCH

Graphic Representation | Smear Slides(*) | Deformed Areas

0 cm 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



← 15cc SCRAPS OF GRAY + BROWN CLAY FROM CORE CATCHER

← 15cc REST OF CORE NOT RETAINED

12/10/75

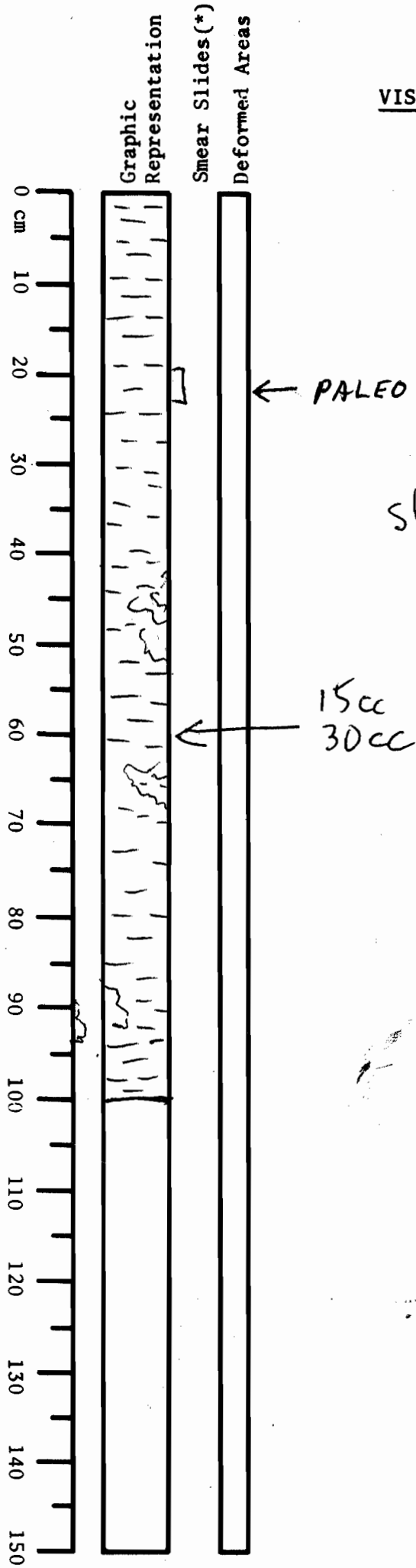
330570

VISUAL CORE DESCRIPTION

970 – 982.5'

LEG	SITE	HOLE	CORE	SEC
6	001		8	5 01

OBSERVER



sl. silty clay gray 5Y 6/1 punky, trace mica
massive with olive (5Y 5/6) mottled
irregular zones at 40-50 cm, 63-67cm
and 90-94cm

no distinct bedding

12/10/75

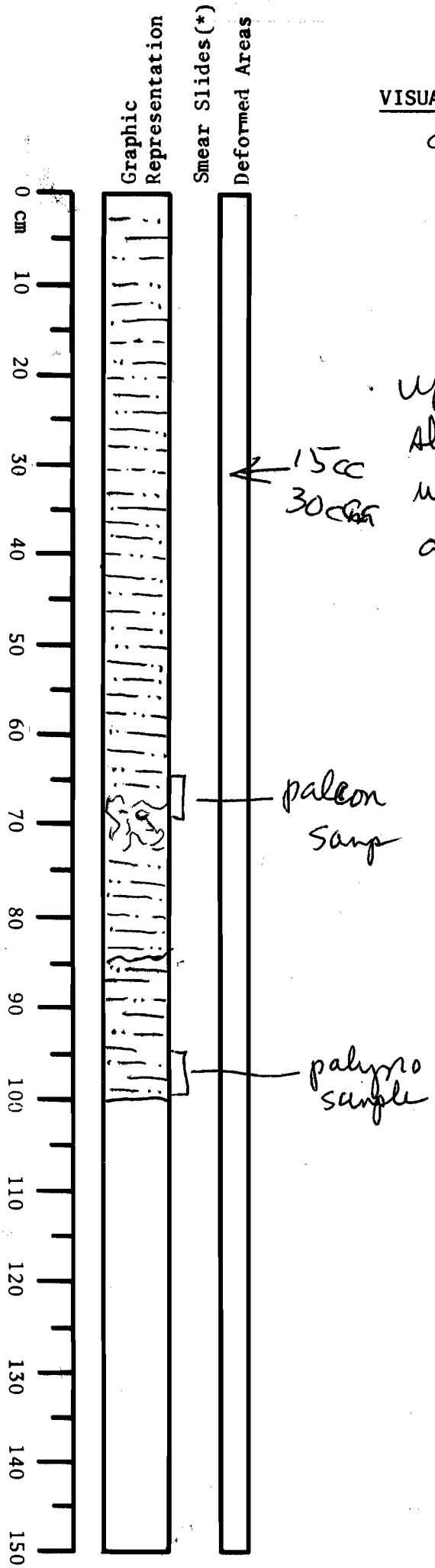
330570

VISUAL CORE DESCRIPTION

970-882.5

LEG	SITE	HOLE	CORE	SEC
6	0 0 1		8 5	2

OBSERVER
JA FK



upper 65 cm is gray ~~(2.5)~~ plastic N-6 slight silty slight micaceous, clay, massive w trace wispy bedding. Mottled gray (N-6) and olive (5Y 5/4) clay at 65-75 cm. Irregular contact at base ~ 85 cm

dk gray 5Y 4/1 silty clay from 85-100 cm; massive crumbly

330570

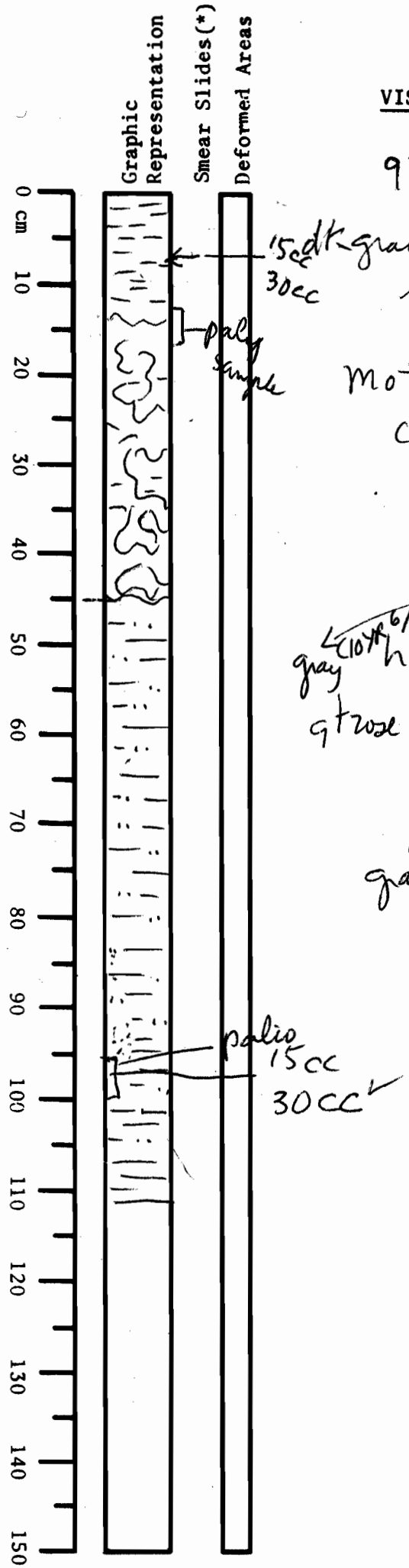
12/10/75

VISUAL CORE DESCRIPTION

LEG	SITE	HOLE	CORE	SEC
6	001		85	03

OBSERVER
FK

970 - 982.5'



(5YR 4/1) dk gray silty clay plastic, in distinct wispy bedding gradational contact over 2-3 cm at 15 cm

Mottle reddish brown (5YR 4/4) and gray (10YR 6/1) silty clay crumbly, giving way at 45 cm to

gray (10YR 6/1) hard well indurated massive, micaceous qtzose lt gray siltstone + silt, clayey; to crumbly

gradational contact at 95 cm to

gray (5Y 6/1) silty clay, plastic,

SQZR - SALINITY 3.1 ‰

12/10/75

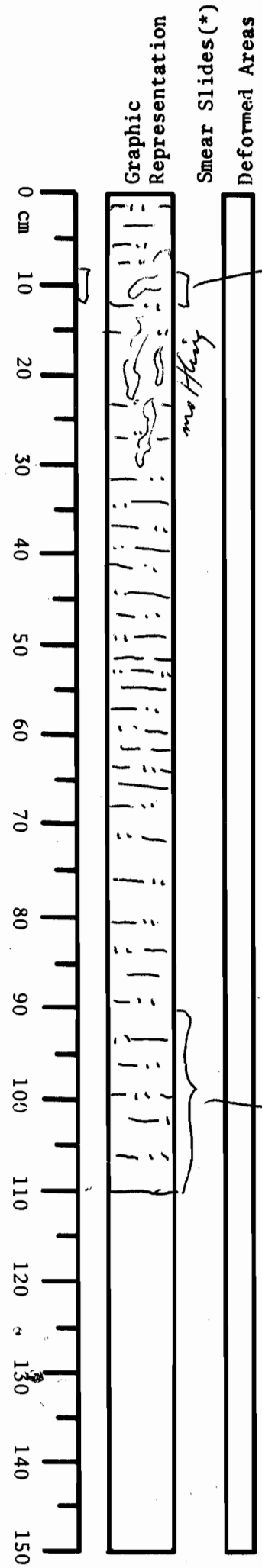
330570

LEG	SITE	HOLE	CORE	SEC
6	001		85	04

VISUAL CORE DESCRIPTION

970 - 982.5'

OBSERVER
JD FK



paleo 15c
+ palyn 30cc
sample

lt brownish gray 2.5Y 6/2 clayey silt, plastic to moderately indurated, sl micaceous, mass mottled olive brown 2.5Y 4/4 sl silty clay from 10 - 30 cm

better indurated gray sl sand micaceous massive siltstone

330570

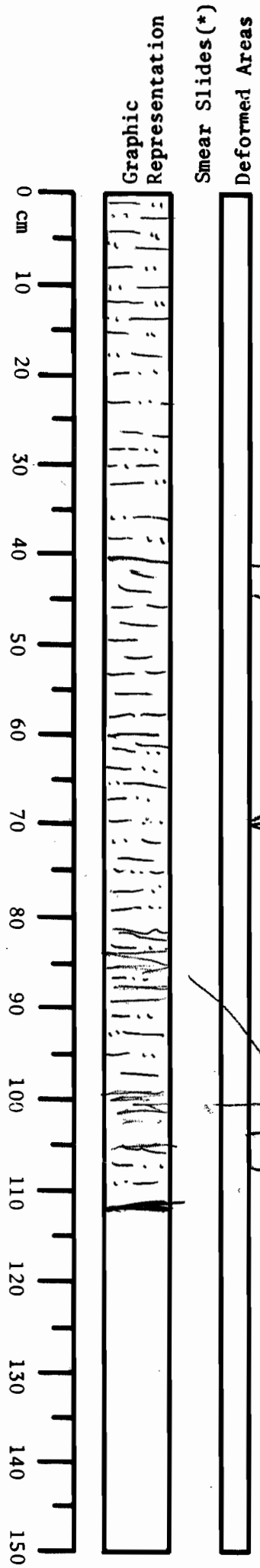
12/10/75

VISUAL CORE DESCRIPTION

970 - 982.5

LEG	SITE	HOLE	CORE	SEC
6	001		85	05

OBSERVER: [illegible]



lt olive gray 5Y 6/2, indistinctly laminated, micaceous, crumbly clayey silt

— indistinct contact

] palynology sample olive 5Y 4/3

indistinctly bedded, plastic olive 5Y 4/3 silty clay low angle X - bedding; layers 1/4 cm to 1 cm thick

← 15cc lt olive gray 5Y 6/2, clayey + sl sandy silt, faintly thin bedded
30cc ✓

wispy dk gray thin layers in a lt gray sl sandy clay silt, crumbly,

] paleo sample

330570

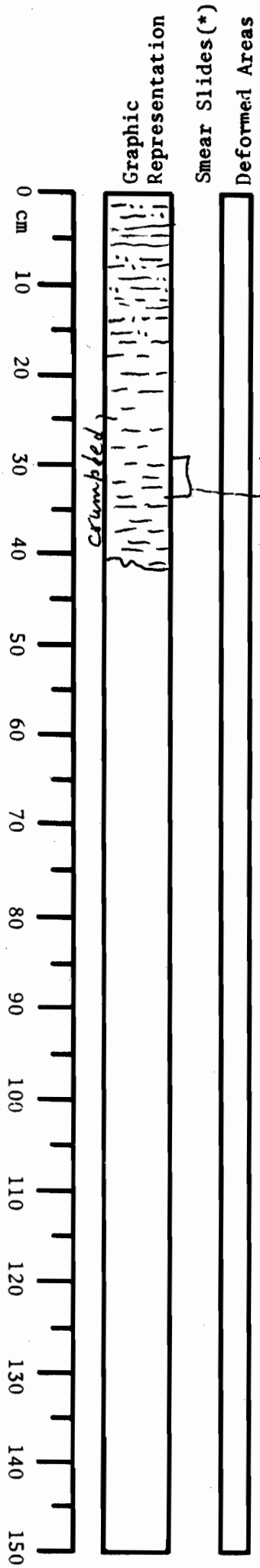
12/10/75

LEG	SITE	HOLE	CORE	SEC
6	001		85	06

OBSERVER
~~8~~ FK

VISUAL CORE DESCRIPTION

970 - 982.5 ft



- wispy discont laminated clayey silt with thin shaley partings, gray 10YR6/1 micaceous, becoming progressively more and more clayey with depth. Silt gives out

← 15cc
30cc
palyn
palco samples

very dark gray
5Y 3/1 sl silty clay, plastic, massive
fissile

SQ2R - SALINITY 2.3 ‰

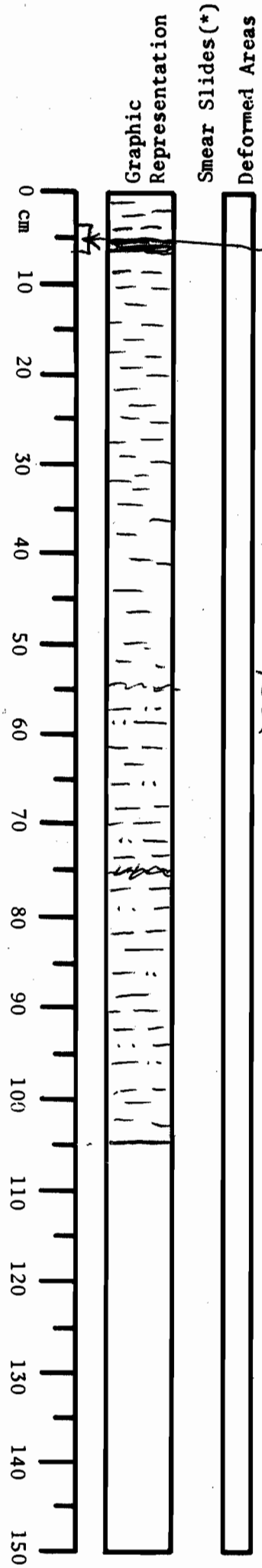
12/10/75

330570

VISUAL CORE DESCRIPTION

LEG	SITE	HOLE	CORE	SEC
6	001		86	01

OBSERVER: JJ FK



982.5 - 1000'

palynol sarp

~~lignitic~~ carbonaceous, dk. gr. clay, no silt 10YR 4/1 (Lignite ? at 6 cm), plastic, to crumbly gradational to clayey silt between 50-60 cm massive to indistinctly laminated at top

} change to a silty clay, crumbly to mod indurated lt brownish gray 10YR 6/2, micaceous massive, carbonaceous clayey irregular mottling

← 15cc
30cc ✓

12/10/75

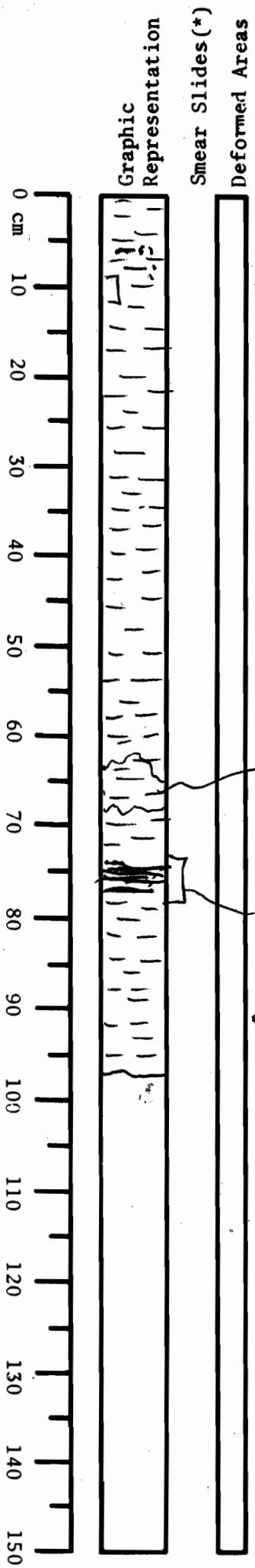
330570

VISUAL CORE DESCRIPTION

982.5'-1000'

LEG	SITE	HOLE	CORE	SEC
6	001		86	02

OBSERVER
DS FK



-paleo sample 9-12

Whole interval sl silty clay, ~~fr~~ plastic to crumbly gray 10 YR 5/1, sl micaceous some silty partings from 5-15cm

irregular silty parting not thru going

thin (2cm) zone marked by flecks of carbon irregular 1/4 cm or less

palynology sample

← 15cc
30cc

330570

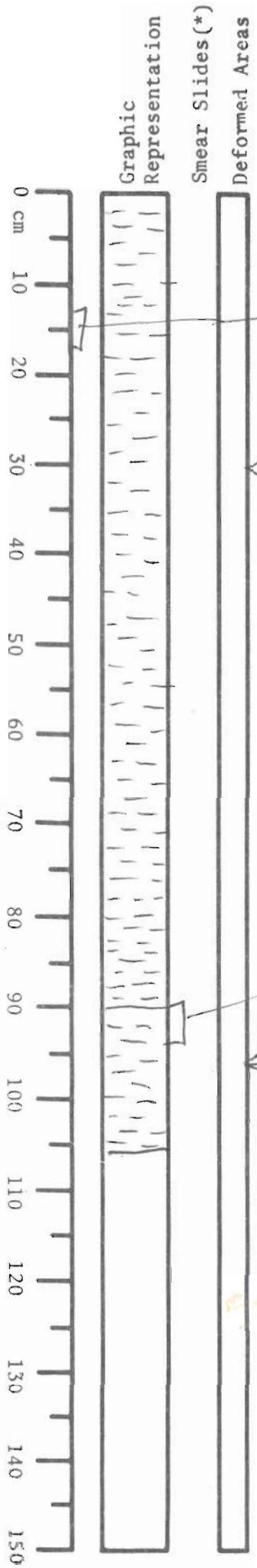
12/10/75

VISUAL CORE DESCRIPTION

982.5 - 1000'

LEG	SITE	HOLE	CORE	SEC
6	0 0 1		8 6	0 3

OBSERVER
FK



gray 5 Y 5/2, irregularly mottled, olive gray + lt gray sl silty clay; mottling gives out at 25 cm and clay becomes moderately indurated from 25 cm - 40 cm, non calcareous; below 40 cm, poorly indurated, to plastic massive clay stone; scattered carbonaceous 40 - 60 cm

paleo. sample

15cc
30 cc

palynology sample

sl silty clay, faintly laminated, plastic grayish brown 2.5 Y 5/2; sharp contact above

15cc
30cc

~~sharp~~

12/10/75

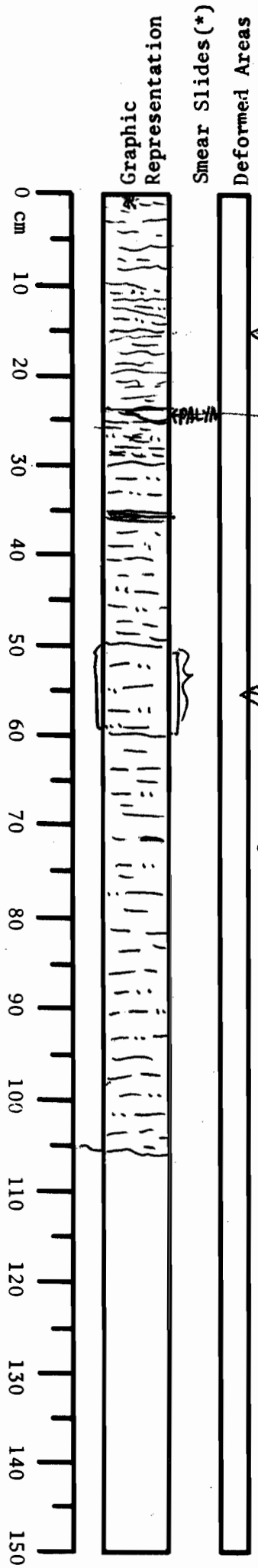
330570

LEG	SITE	HOLE	CORE	SEC
6	001		86	04

OBSERVER: X-FK

VISUAL CORE DESCRIPTION

982.5 - 1000



carbon frag lt gray
distinct discont laminated clayey silt

← 15CC
30CC

wishbone carbon frag dk grayish brown 2.5 Y 4/2
darker silty clay

dk gray silty clay
distinct, discont laminate, clayey silt

well indurate siltstone zone, massive, gray 5Y 5/1
30cc - for thin section

carbonaceous frag

indistinctly laminated discont silty clay
dk gray ~~[illegible]~~ N-4

12/10/75

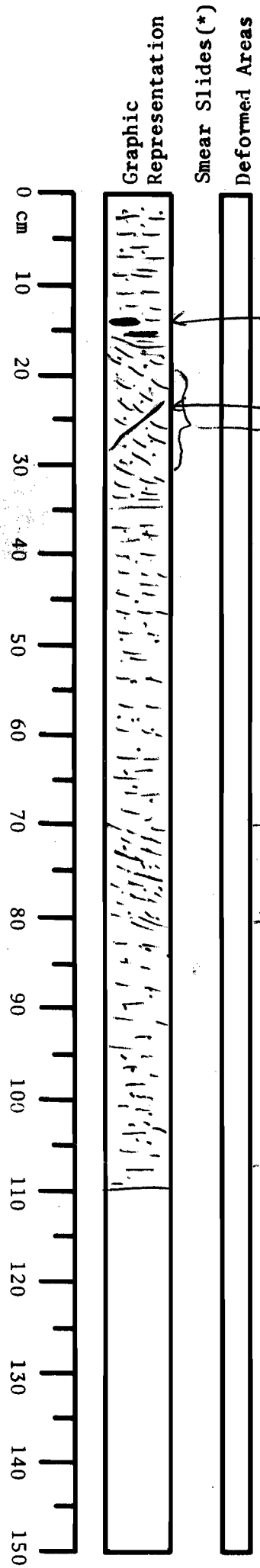
330570

VISUAL CORE DESCRIPTION

982.5-1000'

LEG	SITE	HOLE	CORE	SEC
6	001		86	05

OBSERVER
BOTHNER



BLACK CARBON PLANT FRAGMENTS

FILLED CRACK

DIPPING BEDS

SILTY CLAY THROUGHOUT

LIGHT GREY AND BLACK BEDDING 10YR 2/1

THROUGHOUT CORE SECTION. HORIZONTAL EXCEPT WHERE INDICATED, LIGHT GREY BANDS APPEAR SOMEWHAT MICACEOUS

SEDIMENT FIRM THO CAN BE PENETRATED WITH KNIFE

DRY THROUGHOUT

70-80 cm HYDROCARBON

15+30 cc PALEO + PALEONTOLOGY

DARKEST ZONE OF THE CORE

330570

12/10/75

VISUAL CORE DESCRIPTION

982.5'-1000'

LEG	SITE	HOLE	CORE	SEC
6	001		86	06

OBSERVER: Bothner

Graphic Representation | Smear Slides(*) | Deformed Areas

0 cm 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

10YR 5/1 GREY
CLAYEY SILT THROUGHOUT
FAIRLY DISTINCT BEDDING

10YR 2/1 Black
SQZR - SALINITY 3.6 °/oo

DISTURBED WHEN REMOVED FROM CORE CATCHER

THIS SHORT SECTION VERY SIMILAR TO SECTION 5
CONSEQUENTLY NO SAMPLES WERE COLLECTED