11/30/75

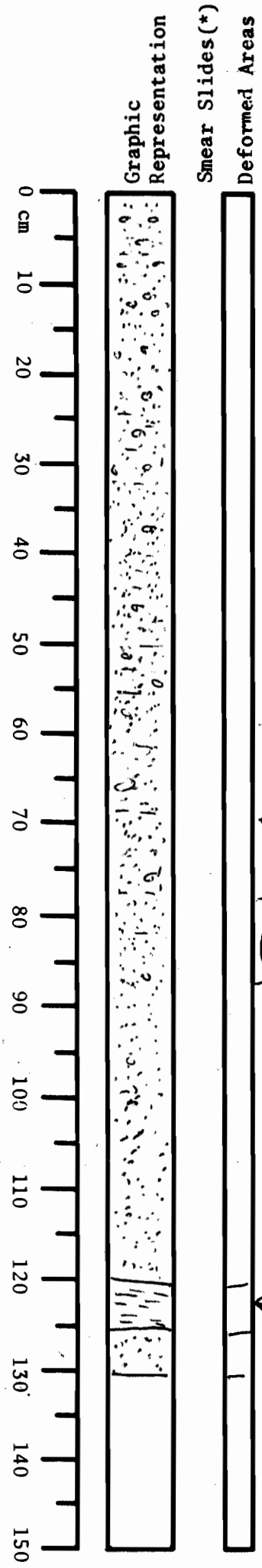
330570

VISUAL CORE DESCRIPTION

619.2 - 633.5

LEG	SITE	HOLE	CORE	SEC
6	001		60	1

OBSERVER
PV/EGAW



~~LT. GRAY~~ WHITE (10YR 8/1),

GRAVELLY SAND, MED. to COARSE, CLAYEY

COMMON MICA, (CARBONACEOUS) BLACK SPECKS

POORLY SORTED, ANGULAR

15cc
30cc
PALEO
SQ2R 18.1‰ SALINITY

PERM-POROS. SAMPLE
thin black layer

15cc
PALYN
LT. GRAY CLAY, (5YR 7/1), SILTY & SANDY

LT. GRAY SAND, VERY CLAYEY AND SILTY

SQ2R - SALINITY 29.0 ‰

330570

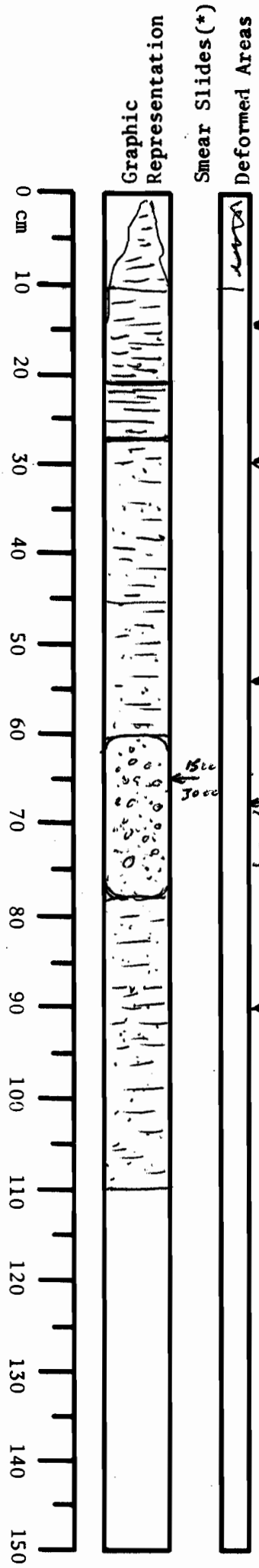
12/1/75

VISUAL CORE DESCRIPTION

635.5 – 644

LEG	SITE	HOLE	CORE	SEC
6	001		61	1

OBSERVER
EGAW/JCH



CLAY WHITE 10YR 8/1

15cc PALEO
30cc PALYN

CLAY, RED 10R 4/6
LAMINATED

TEMP. 10°C

SILTY CLAY, WHITE 5Y 8/1

SQZ. R. - SALINITY 28.1 ‰

SALINITY 13.5 ‰ (invaded)

COARSE SAND - FINE GRAVEL, PARTIALY BEDDED
SQZR. CEMENTED BY CALCITE
FOSSIL ROOTLETS

PERMEABILITY-POROS. SAMPLE
HYDROCARBON SAMPLE

~~SALINITY 16. (PROBABLY INVADED BY DRILLING FLUID)~~

CLAY, WHITE 5Y 8/1
SANDY TO SILTY

15cc PALEO
30cc PALYN.

SQZR - SALINITY 25.0 ‰

TEMP. 10°C.

330570

12/01/75

VISUAL CORE DESCRIPTION

644 – 660'

LEG	SITE	HOLE	CORE	SEC
6	001		62	1

OBSERVER
JCH

JAC

Graphic Representation | Smear Slides(*) | Deformed Areas

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

WHITE CLAY – 5Y 8/1
WITH STREAKS OF DARK GRAY

15cc 30cc RED CLAY
ZONE OF DK RED (14-17 cm) 10R 3/6
RED CLAY 10R 4/6

LIGHT GRAY ~~WHITE~~ CLAY – 5Y 7/1

15cc
30cc

SQZR – SALINITY 15.2‰

SQZR – SALINITY 14.0‰

330570

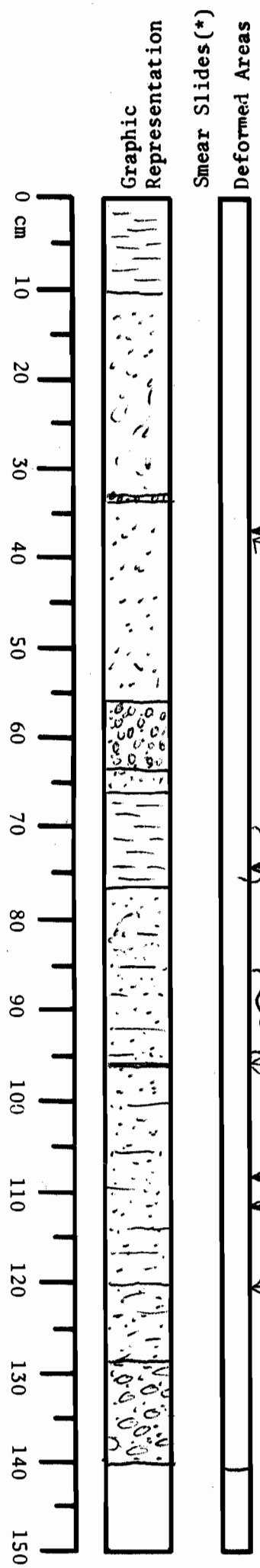
12/01/75

VISUAL CORE DESCRIPTION

660 – 678.5'

LEG	SITE	HOLE	CORE	SEC
6	001		63	1

OBSERVER
JCH/ELAW



WHITE (5Y 8/1) CLAY w. MOTTLES OF RED CLAY (10 R 4/6), MICACEOUS

COARSE SAND, WHITE (5Y 8/1), CLAYEY, MICACEOUS

GRAVEL LAYER, CLAYEY, MICACEOUS

15cc 30cc ✓ COARSE SAND, CLAYEY, MICACEOUS

37cm

GRAVEL LAYER, CLAYEY, MICACEOUS

CLAYEY SAND, MICACEOUS

CLAY, LT. YELLOWISH BROWN (2.5Y 6/4)

30cc PALYN + PALEO 15cc SLIGHTLY SILTY AT TOP - GRADING TO CLAY, MICACEOUS

LAMINATED CLAYEY SILT & FINE SAND WHITE (2.5Y 8/2) w. DARKER GRAY LAMINAE MICACEOUS

HYDRO CARBON SAMPLE 86-95cm

15cc DARK LAYER

POROSITY-PERMIABILITY SAMPLE ~ 663'

PALEO

SQZR - SALINITY 21.4 ‰

DARK LAYER

COARSE SAND + GRAVEL, CLAYEY, MICACEOUS, WHITE (5Y 8/1)

SQZR - SALINITY 21.4 ‰

330570

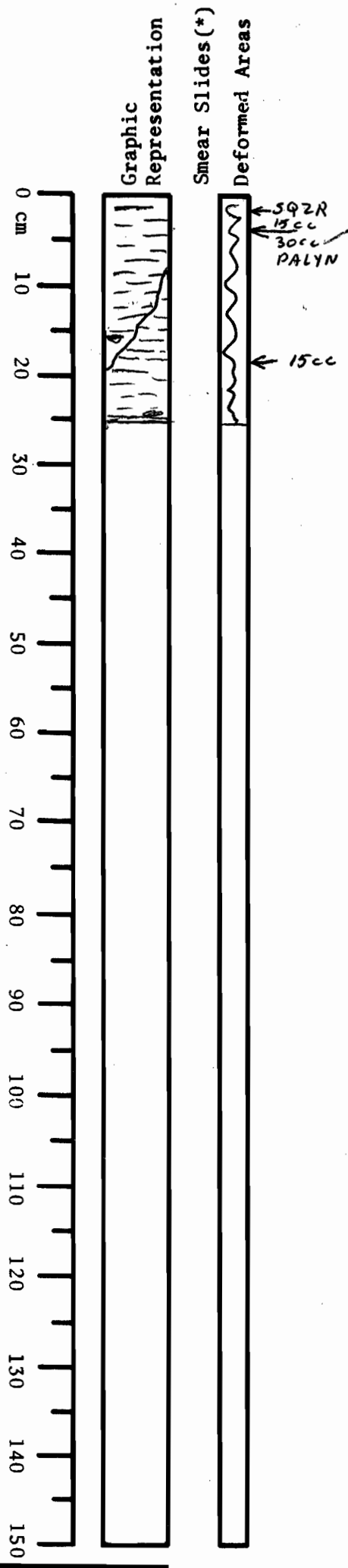
12/02/75

VISUAL CORE DESCRIPTION

678.5-695'

LEG	SITE	HOLE	CORE	SEC
6	0001		64	1

OBSERVER
EGAW



CLAY, BLACK (2.5 YR 2.5/0), SOFT + PLASTIC
TEMP. 8.5 °C - SALINITY (INVADED) 1.7
W. LIGNITE BLEBS AT 4 cm

CLAY, WHITE (10 YR 8/1), SLIGHTLY SILTY, SOFT + PLASTIC, *
BROWN CLAY BLEB (7.5 YR 5/2) AT 18 cm
PINKISH-GRAY (7.5 YR 6/2) SANDY CLAY BLEB AT 27 cm
RED CLAY LAYER (10 R 4/8) AT BOTTOM

* NOTE: PEBBLES (OCCURING IN WHITE CLAY) ARE COVERED W. DRILLING MUD - WATER INVADED - ENTIRE SAMPLE BADLY DISTURBED

330570

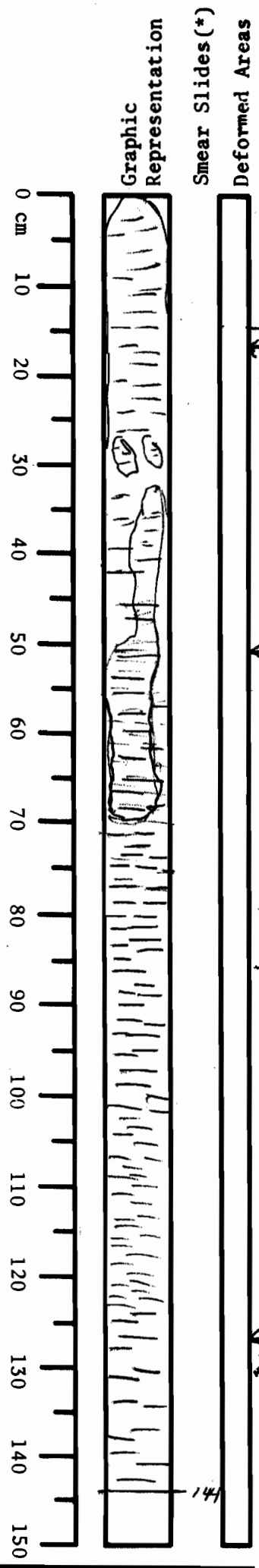
12/2/75

VISUAL CORE DESCRIPTION

695'-710'

LEG	SITE	HOLE	CORE	SEC
	100	1	65	1

OBSERVER
JCM +



clay, silty light gray 5Y 7/1

15-17 cm SAMPLE of GRAY CLAY
15cc
30cc

zones of clay, dark red 10R 3/6
with mottles of clay olive yellow 2.5Y 6/6

15cc
30cc
50-53 cm SAMPLE of RED CLAY

dusky red clay zone 10R 3/4

increasing amounts of olive yellow
w/ red decreasing to flecks rather
than zones. (80-130

hydrocarbon sample

TEMP. 8.0°C

15cc
30cc
126-129 cm SAMPLE of OLIVE YELLOW CLAY
mixed olive yellow w/ red flecks in
white clay 5YR 8/1

330570

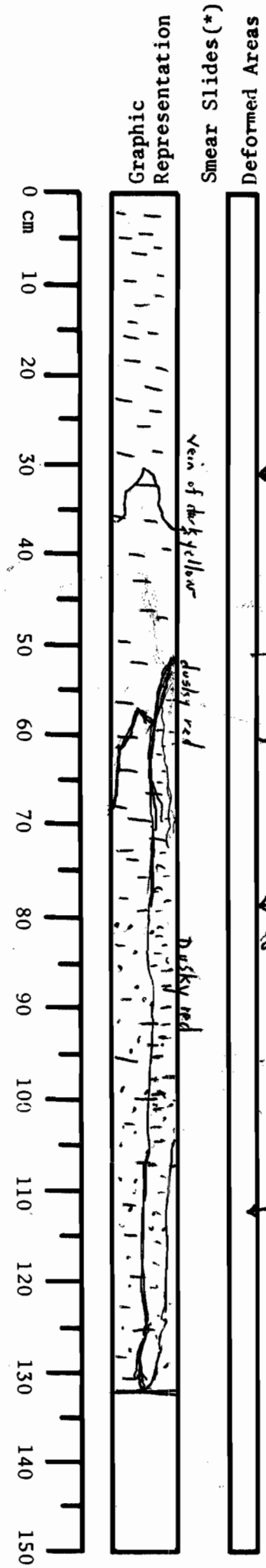
12/2/75

VISUAL CORE DESCRIPTION

695'—710'

LEG	SITE	HOLE	CORE	SEC
6	0001		65	2

OBSERVER
JCH



0-52 OLIVE YELLOW CLAY mottled with gray white 2.5Y 8/0 with some flecks of very dusky red 10R ~~2/2~~ 3/3

Dusky red extends from 52-133 10R 3/3

32-35 - SAMPLE (15 930cc)

52-133 Dusky red extends to bottom. Exists along side margin and migrates inward at 110, becomes more mottled towards center 10R 3/3

60-75 Vein of darker yellow material

80-85 paly SAMPLE and Palco sample

80-133 Increasing amounts of weak red (10R 5/2) to purplish material

Increasingly silty 80→133

113-116 - SAMPLE (mottled clay) - (15 930cc)

330570

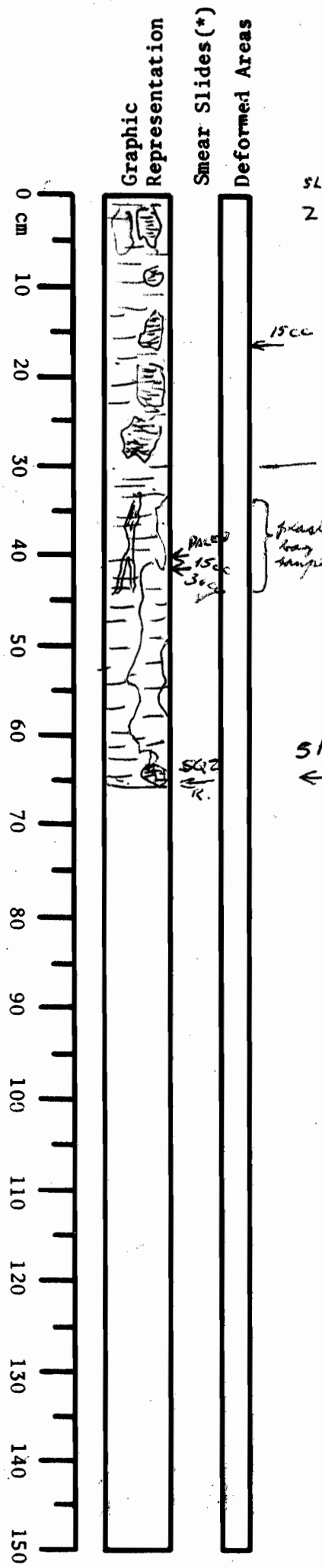
12/02/75

VISUAL CORE DESCRIPTION

LEG	SITE	HOLE	CORE	SEC
6	001		65	3

OBSERVER
JCH+LEGAV

695 - 710'



SLIGHTLY SILTY CLAYS

ZONE OF MOTTLED DUSKY RED (10R 3/4), VERY DUSKY RED (10R 2.5/2), WEAK RED (PURPLISH) (10R 5/2), OLIVE YELLOW (2.5Y 6/6), LT. GRAY (10YR 7/1), W. BLEBS OF DARK RED (10R 3/6)

CLAY, WEAK RED (PURPLISH) (10R 5/2), MOTTLED WITH VEINS OF LT. OLIVE BROWN (2.5Y 5/6) CONTAINING BLEBS OF DARK RED (10R 3/6)

ZONES OF LT. OLIVE BROWN (2.5Y 5/6) SURROUNDED BY HALOS OF LT. GRAY (5Y 7/1)

SALINITY 12.7‰

← PATCH OF VERY DUSKY RED (10R 2.5/2)

ALL CLAYS SLIGHTLY SILTY

330570

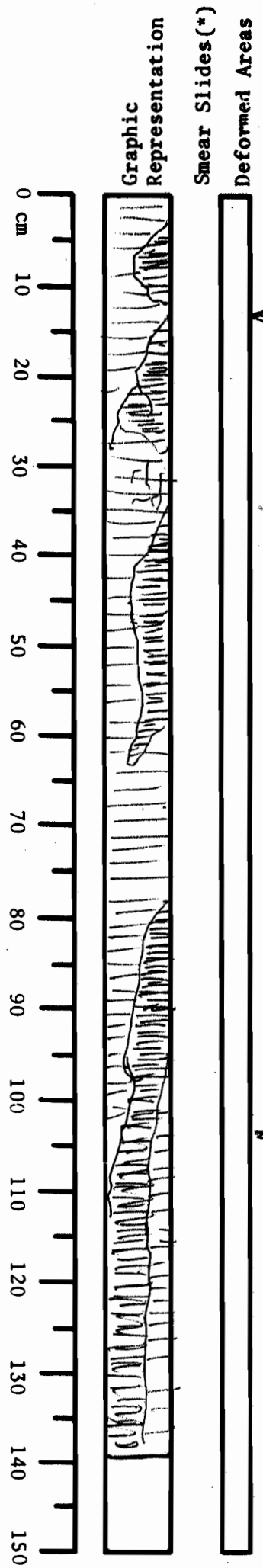
12/03/75

VISUAL CORE DESCRIPTION

710-725'

LEG	SITE	HOLE	CORE	SEC
6	001		66	1

OBSERVER
JCH



15cc
30cc ✓

WEAK RED (PURPLEISH) 10R 5/3
and DUSKY RED 10R 3/4

VEINED AREA

CLAY, MOTTLED AND WITH VEINS
AW CRACK FILLINGS

WEAK

CLAY
DUSKY RED 10R 3/3
LESS WEAK RED, INCREASING WHITE CLAY

15cc

140
135
140
65

330570

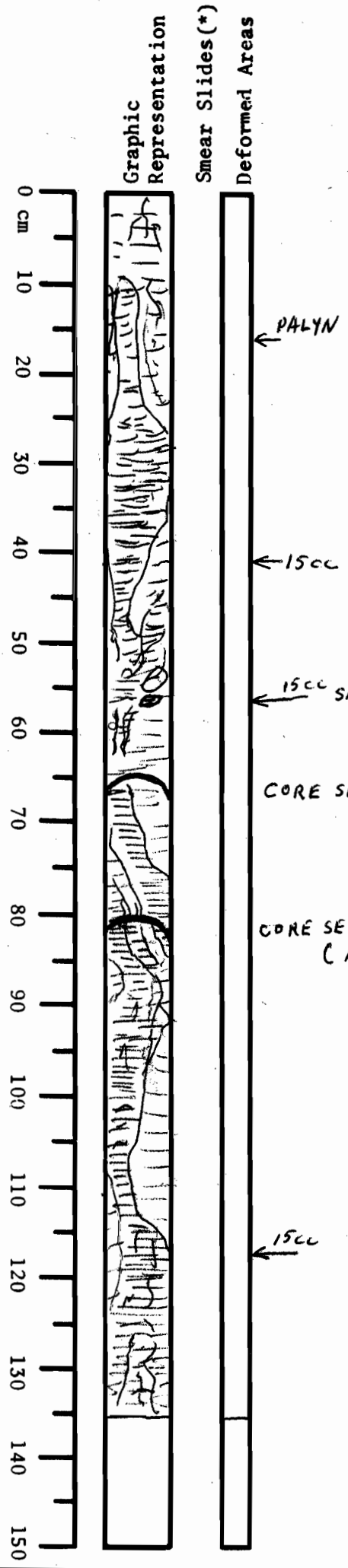
12/03/75

VISUAL CORE DESCRIPTION

710—725'

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

OBSERVER
JCH/EGAW



HEAVILY MOTTLED CLAY W. VEINS AND CRACK FILLINGS. PURPLISH WEAK RED (10R 5/3) CLAY SHOWS RIMS OF LT. GRAY (5YR 7/1) AND ALTERNATES WITH DUSKY RED (10R 3/3) ZONES. ALL SHOW VEINS AND CRACK FILLINGS OF DARKER MATERIAL. ZONES AND VEINS OF LT. OLIVE BROWN (2.5Y 5/4) INCREASE TOWARD BOTTOM OF SECTION. DARKEST VEINS AND MOTTLES ARE DARK REDDISH GRAY (10R 3/1)

SAMPLE FROM DARK REDDISH BROWN (2.5 YR 3/4) (CHOCOLATE)

CORE SEPARATED AND TURNED DURING CORING

CORE SEPARATED AND TURNED DURING CORING AND REWELDED (APPEARS TO BE ROTATED 180° RESPECTIVELY AT THIS POINT)

AT SEPARATED LEVEL IN CORE 66, DIAMETER OF RECOVERED CORE INCREASES AND PERCENTAGE OF LT. OLIVE BROWN ZONES REACHES ABOUT 30% AND CONTINUES TO BOTTOM OF CORE 66 (SECT. 4) WITH GRADUAL DECREASE TO ABSENCE OF REDDISH AND PURPLISH COLORS (725')

330570

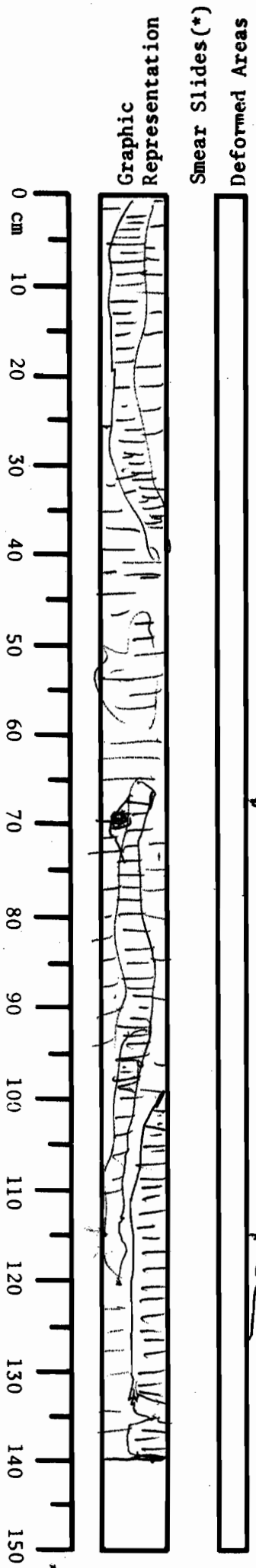
12/03/75

VISUAL CORE DESCRIPTION

710 - 725'

LEG	SITE	HOLE	CORE	SEC
6	001		66	3

OBSERVER: JEH/EGAW



CLAY, MOTTLED LT OLIVE BROWN, DUSKY RED AND WHITE
2.5Y 5/4 10R 3/3
2.5 Y 8/0
ABOUT EQUAL AMOUNTS OF EACH COLOR

15cc DUSKY RED CLAY

115-128 Hydrocarbon sample

15 cc
30 cc

330570

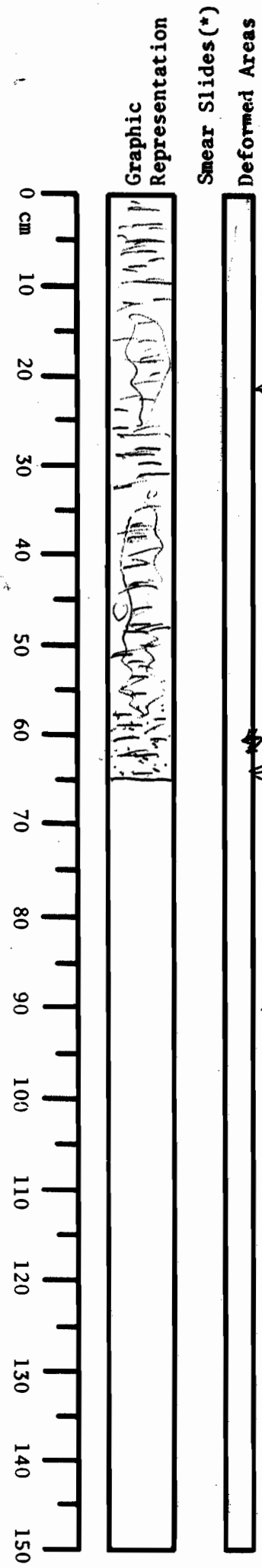
12/03/75

VISUAL CORE DESCRIPTION

710-725'

LEG	SITE	HOLE	CORE	SEC
6	601		66	4

OBSERVER
JCH/EGAW



CLAY, MOTTLED, WHITE (10YR 8/1) W, LT. OLIVE BROWN (2.5 Y 5/4) AND AT TOP MOTT. W, (10R 3/4) DUSKYRED CLAY. CLAYEY SILT AND FINE SAND AT BOTTOM

15 cc
30 cc

60-62 - ~~sample~~ 15cc 30cc PALEO

SQZ. R. SALINITY 3.62 °/oo

330570

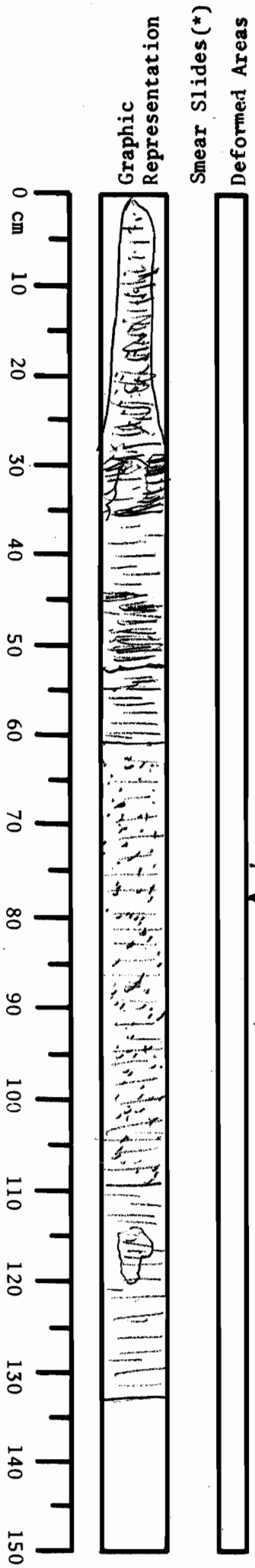
12/03/75

VISUAL CORE DESCRIPTION

725-740'

LEG	SITE	HOLE	CORE	SEC
6	001		67	1

OBSERVER
UCH



CLAY, SILTY WHITE 2.5Y 8/0
MOTTLED WITH
OLIVE BROWN
2.5Y 4/4

WHITE 2.5Y 8/0 MOTTLES

LOWER LIMIT OF OLIVE BROWN ~~zone~~ MOTTLEING

WHITE (2.5Y 8/0) SILTY CLAY FAINT BEDDING

FINE SAND, SILTY + CLAYEY WHITE + LIGHT GRAY
FAINTLY BEDDED OR LAMINATED
VERY SOFT

15,300cc ✓
Hydrocarbon sample
74-84 cm
PERM-PORUS sample 84-94 cm.
~~[illegible]~~

FIRMER CLAY, SANDY, SILTY
WHITE 2.5Y 8/0

330570

12/03/75

VISUAL CORE DESCRIPTION

725-740'

LEG	SITE	HOLE	CORE	SEC
6	001		67	2

OBSERVER
JCH & DWF

Graphic Representation | Smear Slides(*) | Deformed Areas

FINE SAND, CLAYEY, LIGHT GRAY 5Y 7/1
LAMINATED WITH DARKER GRAY LAYERS
ABUNDANT MICA

15, 30cc SOFT

SQZR - SALINITY 2.51 ‰ (730')

LIGHTER LAYERS
PALEO

15cc CLAY, SILTY, REDDISH GRAY 5YR 5/2
DARK SANDY LAYER AT 50cm
PALYN

15cc

SILTY CLAY, LIGHT GRAY 5Y 7/1,

SILTY CLAY, LIGHT GRAY 5Y 7/1,

DARK RED 10R 3/6 MOTTLED AREAS
+ VEINS

330570

12/3/75

VISUAL CORE DESCRIPTION

725-740'

LEG	SITE	HOLE	CORE	SECT
6	00 1		67	3

OBSERVER
DeF.

Graphic Representation | Smear Slides(*) | Deformed Areas

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

Clay: Mottled, ~~[illegible]~~ Lt. gray, dk red, and H. olive brown (7.5R 7/2; 10R 3/6; 2.5Y 5/6); Mod sdy & slty, Occ laminae

30,15 cc
Palyn, paleo

Clay: white → H gray w/white spherical inclusions (3-5 mm diam) sli sdy & slty

30,15 cc
Paleo, palynol.

138 cm - SQZR - SALINITY 0.23 ‰ (735')

330570

12/04/75

VISUAL CORE DESCRIPTION

740 - 758'

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

OBSERVER
JCH + RFC

Graphic Representation | Smear Slides(*) | Deformed Areas

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

clay, Pale red 10R 6/2 mottled with white, 5Y 8/1, many grains and blebs of white friable material about 2 mm diam possibly gypsum

30 cc
15 cc

veins of red clay 10R 4/4

Zone Olive clay 5Y 5/6

15 cc
30 cc

silty clay, light gray 5Y 7/1
scattered blebs of white material

pale red 10R 6/2 zone

15 cc (white blebs)

Zone of dark red 10R 4/4 and olive 5Y 5/6
concentration of white blebs + granules

330570

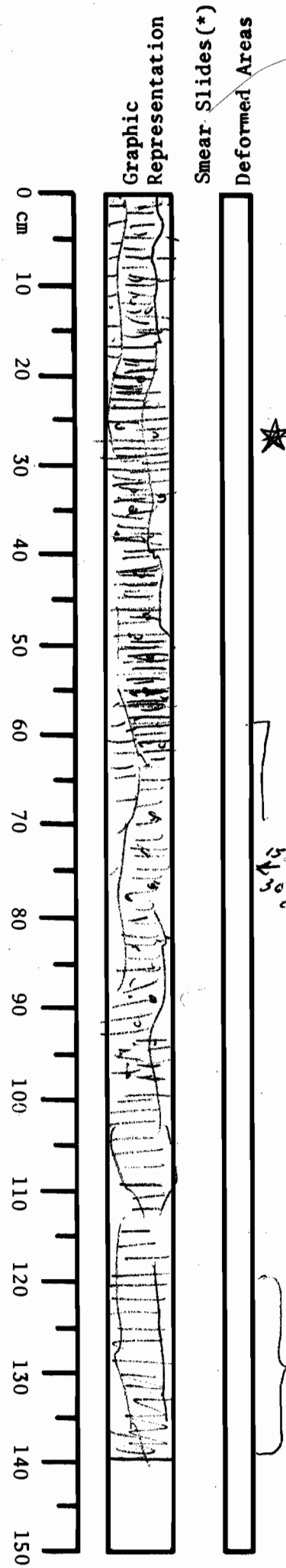
12/4/75

VISUAL CORE DESCRIPTION

740-758

LEG	SITE	HOLE	CORE	SEC
6	001		68	2

OBSERVER
JCH+MB



Entire section clay slightly silty, heavily mottled light gray 5Y 7/1 dusky red 10R 3/4 and light olive brown 2.5Y 5/6 [red + olive vein and filled cracks of red + olive 20-30 cm]

15 cc
30 cc

Throughout section are small round aggregates of white friable material, fewer aggregates below 100

Throughout core blebs of dusky red clay 10 R3/3

15 cc white friable aggregates

330570

12/4/75

VISUAL CORE DESCRIPTION

740'-758'

LEG	SITE	HOLE	CORE	SEC
6	001		68	3

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

clay, silty, olive yellow 2.5Y 6/6
mottled with flecks of red
and zones of light gray

← olive yellow zones

predominantly light gray - 5Y 7/1

clay
slightly darker gray ~~5Y 6/1~~

30 cc ✓
← 15 cc

olive yellow zones
clay gray, 5Y 6/1

} SQZ, R SALINITY 0.4 ‰

olive yellow zones, mottled with dusky red

330570

12/4/75

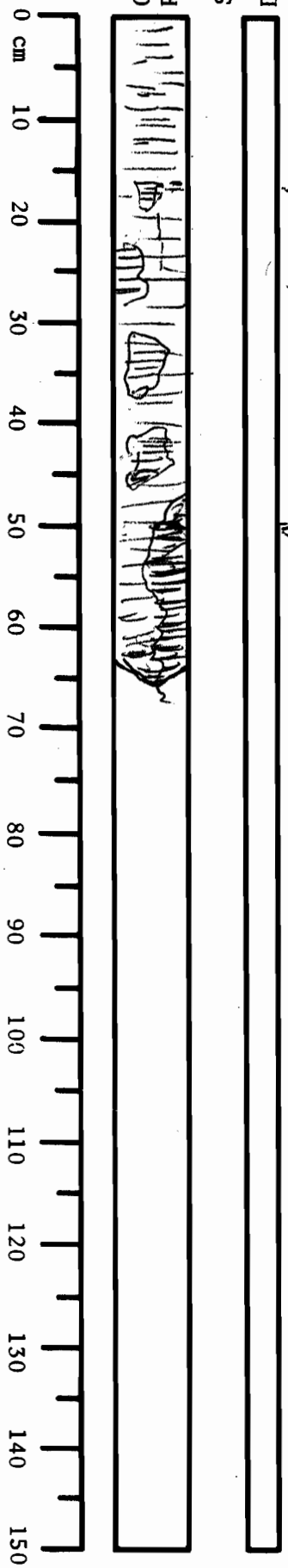
VISUAL CORE DESCRIPTION

740-758'

LEG	SITE	HOLE	CORE	SEC
6	0001		68	4

OBSERVER
JCH

Graphic Representation | Smear Slides(*) | Deformed Areas



HYDROCARBON
PALEO. PALYN
30, 15cc

15cc

CLAY, SILTY, MOTTLED LIGHT GRAY 2.5Y 8/1
DUSKY RED, + LT OLIVE BROWN ~~YELLOW~~
10R 3/3 2.5Y 5/6