330570

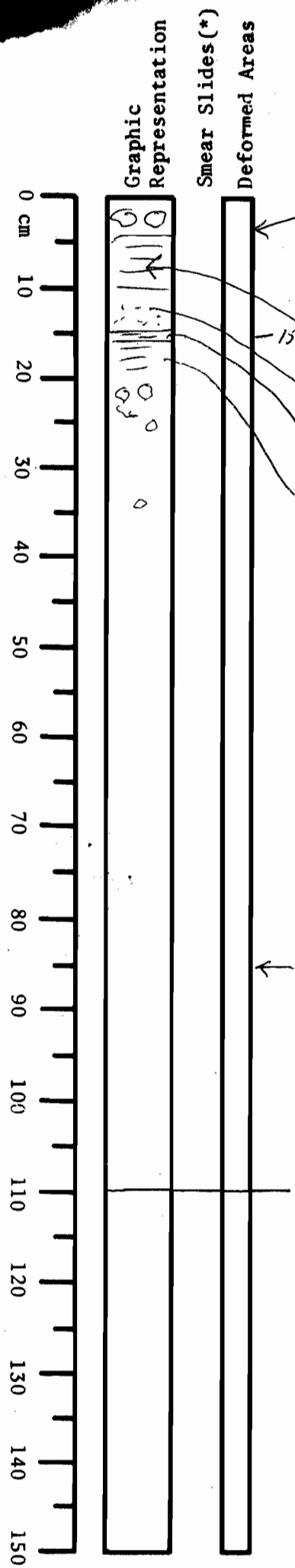
1/27/76

VISUAL CORE DESCRIPTION

1497-1517'

LEG	SITE	HOLE	CORE	SEC
			116	1

OBSERVER



fribble contact

olive gray friable clay at top

dark red clay w. massive white bleb mottled

1500

yellowish brn & bluish gray clay

white sand

bluish gray clay

olive yellow clay

mottled clay w. white blebs.

← water mark 85 cm

330570

1/27/76

VISUAL CORE DESCRIPTION

LEG	SITE	HOLE	CORE	SEC
6	001		116	1

OBSERVER

1497 – 1517'

OLIVE GRAY FRIABLE CLAY AT TOP
DARK RED CLAY w. massive
white bleb mineral

Graphic Representation	Smear Slides(*)	Deformed Areas

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

15cc
(possible contact)

85cm water

330570

1/27/76

VISUAL CORE DESCRIPTION

1497 - 1517'

LEG	SITE	HOLE	CORE	SEC
6	001		116	2

OBSERVER: CDX

Graphic Representation | Smear Slides(*) | Deformed Areas

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

DENSE DARK RED CLAY w. whitish tan blebs.

10 cm (texture spl)

Dense red clay mottled with white/yellow alteration zone.

alteration zone sparse

35 cm Palynology spl

Red clay - dense white/mottled

← PALYN 15cc

90 cm texture spl.

lamination evident

110 cm

very dusty red compact clay throughout section Munsell 10R-2.5/2 mottled w/ white + yellow bleb alteration zones (Karlinite)?, zones up to 6 mm generally < 2 mm

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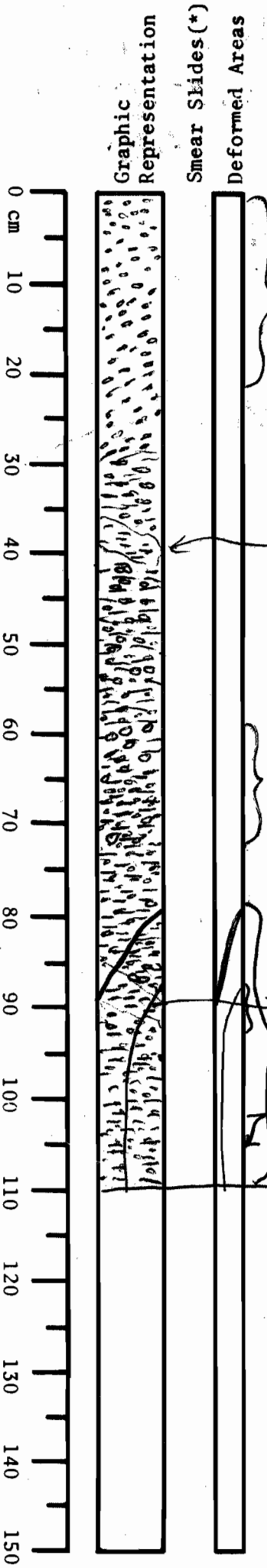
VISUAL CORE DESCRIPTION

1497-1517'

LEG	SITE	HOLE	CORE	SEC
6	001		116	3

OBSERVER: SAW



DENSE DARK RED CLAY w. WHITE BLEBS THROUGHOUT
white blebs (0-22cm) 5YR 8/1

white blebs in a red matrix 10R 4/2

extremely fine yellow-white blebs in grayish red matrix of clay.

elongated yellow (2.5Y 7/8) blebs in clay

extremely fine blebs in grayish clay matrix
white blebs 80-110 cm 5YR 8/1

107cm - 15cc

110 cm.

1/27/76

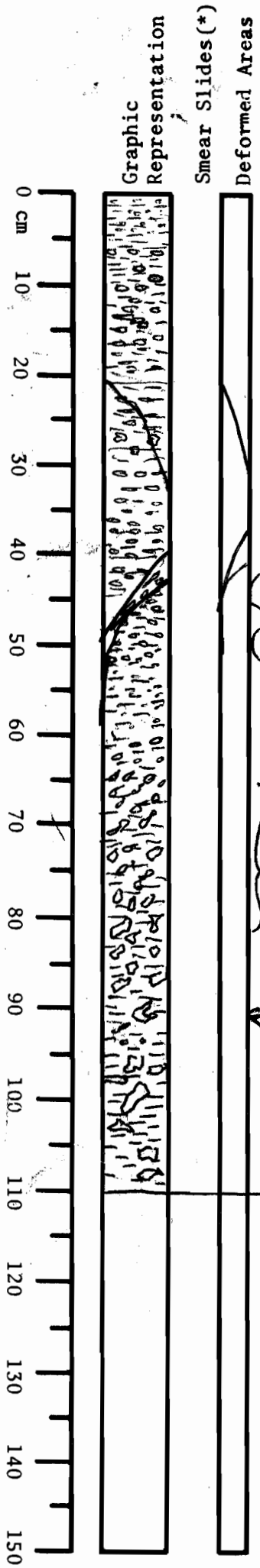
330570

VISUAL CORE DESCRIPTION

1497-1517'

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

OBSERVER: SAW



DENSE DARK RED CLAY w. tannish blebs 20-40cm, and white blebs in other parts of section.

← yellow blebs - sampled 20-50 cm for mineralogy.

This rock most likely pyroclastic in origin - now altered to a dark red-brown clay with blebs of ?white (yellow) - kaolinite

clay = 10R 4/2

(40-110) white = 5YR 8/1

(0-50) yellow = 2.5Y 7/8

Section grades into fine and coarse blebs.

blebs large and elongated - orientation ↗

← mineralogy sample 90cm

110cm.

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VISUAL CORE DESCRIPTION

1497-1517'

LEG	SITE	HOLE	CORE	SEC
6	601		116	5

OBSERVER

DARK RED CLAY w. massive white heb mineral

0 cm	Graphic Representation	Smear Slides(*)	Deformed Areas
10			
20			
30			
40			sampled for PALYN & MIN & WATER
50			
60			
70			
80			
90			
100			
110			110 cm
120			
130			
140			
150			

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VISUAL CORE DESCRIPTION

1497-1517'

LEG	SITE	HOLE	CORE	SEC
6	601		116	6

OBSERVER

Graphic Representation | Smear Slides(*) | Deformed Areas

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

DENSE DARK RED CLAY w. WHITE BLEBS (slick-sides? at 16cm.)

NOTE 11cm → 19 1/4 of section for slickensides all darkened clay zones white blebs

35 cm.

DUSKY RED CLAY 10R-2.5/2 w/ blebs (white) - (4-5 m) dia some yellow orange blebs. throughout core

13 cm Palynology spl

20 cm texture

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VISUAL CORE DESCRIPTION

LEG	SITE	HOLE	CORE	SEC
6	0 4 1		1 1 7	1

1517 -1527'

OBSERVER: Gleba

CLAY, DARK MAROON TO GRAY
W. WHITE KAOLINITE BLEBS
CHANGING TO GREENISH BLEBS
NEAR BOTTOM OF SECTION

Clay - dark reddish-brown (10R 2.5/2) with white (5YR 8/1) blebs of kaolinite in upper 78 cm of section. Blebs are of similar size in stringer sections up to 1/4". Also small specks of light greenish (hue not in Munsell) kaolinite. Size of kaolinite blebs increases in lower 30 cm, maximum white bleb 1 1/2" while light greenish bleb shows maximum diameter of 0.1". Transition section at 58-78 cm is broken up. Material is well indurated. Could be called broken up claystone

Samples Taken at 50 cm.

Similar to sample 117-3 but more + larger blebs.

Graphic Representation | Smear Slides(*) | Deformed Areas

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

~~108 cm~~

108 cm

1/27/76

330570

VISUAL CORE DESCRIPTION

LEG	SITE	HOLE	CORE	SEC
6	601		117	2

OBSERVER: Gleba

1517-1527'

Graphic Representation | Smear Slides(*) | Deformed Areas

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

MAROON TO GRAYISH FRACTURED VEIN CLAY

← 30cc greenish white clay vein

Similar To sample 117-2

Well-indurated Dark brick-red (10R 2.5/2) clay with mostly (80%) white (5YR 8/1) and 20% light greenish white (not in Munsell) blebs of kaolinite. patches of olive-yellow (2.5Y 6/8) clay at 35 cm).

← HYDROC SAMPLE

Section completely brokenup.

Samples Taken at 55 cm).

← 30cc blebs of greenish white clay

113 cm.

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VISUAL CORE DESCRIPTION

1517-1527'

LEG	SITE	HOLE	CORE	SECTION
6	001		117	3

OBSERVER: Gleba

Graphic Representation | Smear Slides(*) | Deformed Areas

MAROON TO GRAYISH FRACTURED VEIN CLAY – similar to sample 117-1 but less and smaller kaolinite blebs

Well-indurated dark brick-red (10R 2.5/2) clay (claystone?) show blebs (max 1/10") and apparently filling fractures of kaolinite – color ranging from white (5YR 8/1) to a light greenish-white (not in Munsell). At 12 cm, a ~~2cm~~ 2x4 cm patch of olive yellow (2.5Y 6/8) clay.

Samples Taken at 55 cm.

WATER SAMPLE 113 cm.

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

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VISUAL CORE DESCRIPTION

LEG	SITE	HOLE	CORE	SEC
6	001		117	4

OBSERVER: DUNLAVY

1517-1527'

Graphic Representation | Smear Slides(*) | Deformed Areas

0-5cm Dk. ~~green~~ olive gray (5Y 3/2) with Pale olive gray veins (5Y 6/2) hard brittle clay - (Weathered rock)
At 5cm a Dusky red (10R 3/3) color begins to dominate over the dk olive gray, however the olive gray is still present.
Dark Red vein at 10cm (10R 3/6)
The remainder of the core is this mottled red-green weathered rock w. countless veinlets of whitish clay -
WATER SAMPLE
Vein 1cm thick at 25cm mustard yellow (2.5Y 6/8) in the center with dark olive gray on outside (5Y 3/2)

15cc 30cc

50cm.

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

Jan. 27, 1976

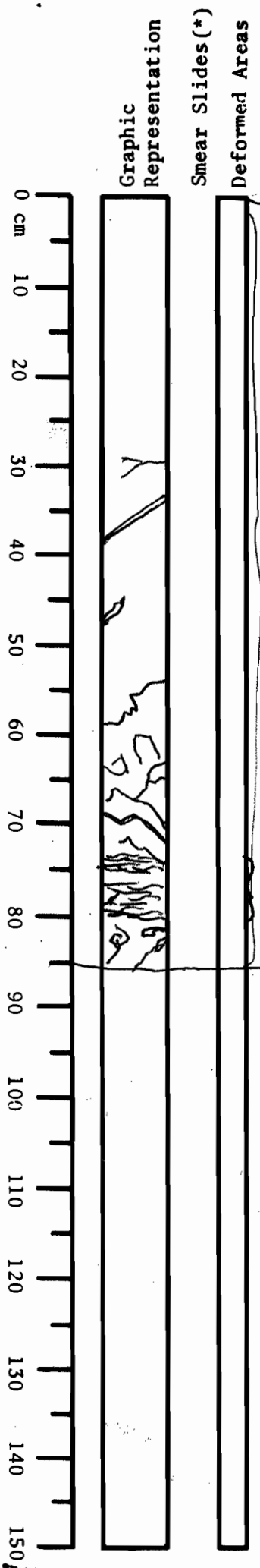
330570

VISUAL CORE DESCRIPTION

1527-1540'

LEG	SITE	HOLE	CORE	SEC
6	001		118	1

OBSERVER [redacted]



0 cm

← 30cc

Shale changing to Shaley sandstone at 65 cm. Reddish brown to Grayish pink Consolidated, Friable, Shale somewhat metamorphozed Very Veiny Containing light blue, dark gray & reddish blobs & inclusions mainly in the sandy shale section from 65 cm to 85 cm.

all lines are veins.

Appears to be in shear zone

75-80cm highly veined — calcite color is light olive gray 5Y 6/2 — blebs are "soapy" in texture.

85 cm

clay matrix is dusky red: 10R 3/2 w/ darker 10R 3/3 fine blebs and calcite veining

MAROON HARD DRY CLAY w. VEINS

330570

Jan. 27, 1976

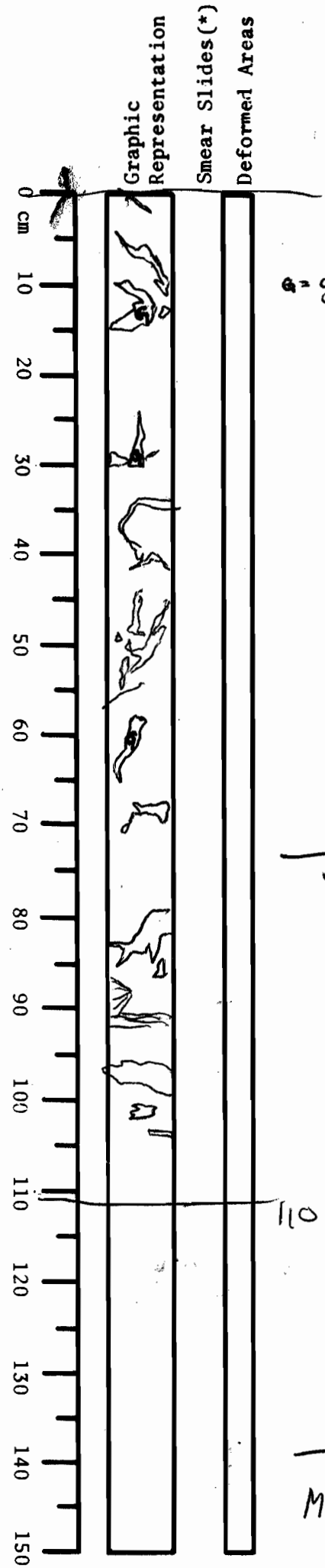
VISUAL CORE DESCRIPTION

1527-1540'

LEG	SITE	HOLE	CORE	SEC
6	001		118	2

OBSERVER

SAW



Sandstone & shale bed alternating
Grayish pink to reddish brown
Consolidated & highly fractured
metamorphozed
Very rainy
light Blue, dark gray & reddish
blebs & inclusions

Appears to be in a shear zone

——— outlined areas are blebs and veins in a dusky red matrix – 10R 3/2.
blebs and veins vary in color from white to pale green to a deeper green – closest Munsell color is 5Y 4/4

MAROON HARD DRY CLAY w. VEINS

Jan. 27, 1976

330570

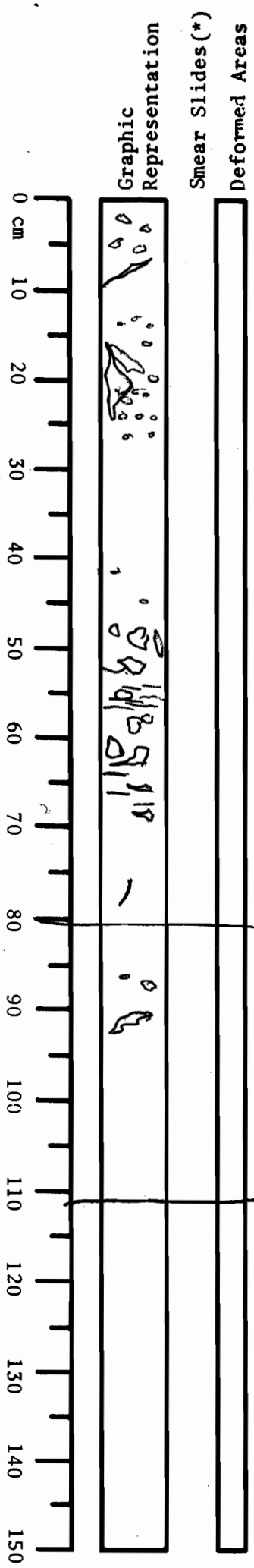
VISUAL CORE DESCRIPTION

1527'-1540'

LEG	SITE	HOLE	CORE	SEC
	601		118	3

OBSERVER

SAW



80 cm.

Sandstone - grayish pink to reddish brown
Consolidated & highly fractured
← 30cc metamorphozed
Full of veins
Lt blue, dark gray & reddish blobs & Inclusions

Appears to be in a shear zone

blebs are dark green to green gray and are present throughout the section
red brown matrix is 5YR 3/2 - dark reddish brown.

← 30cc host
← 30cc vein
111 cm.

MAROON HARD DRY CLAY w. VEINS

330570

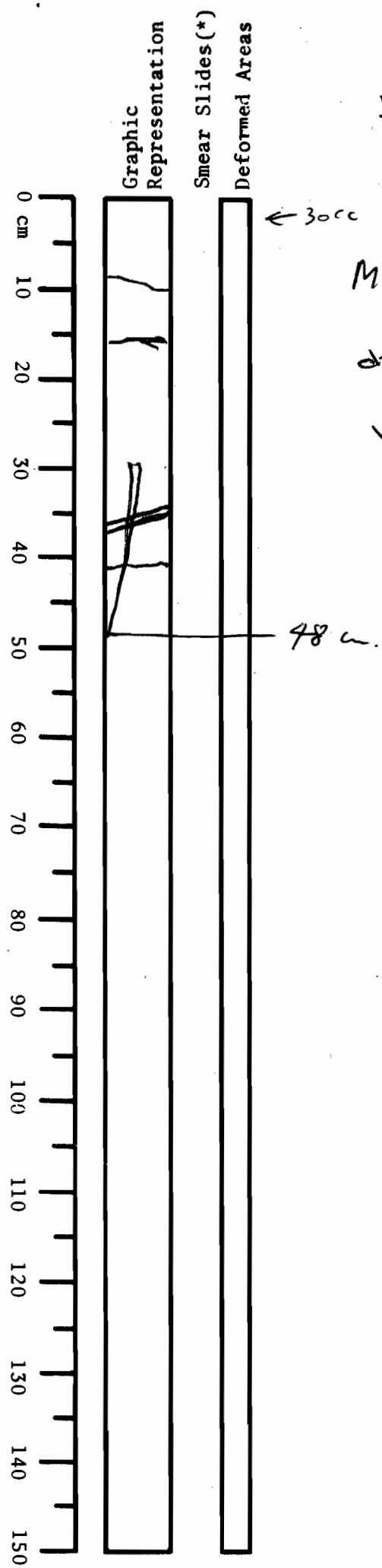
1/28/76

VISUAL CORE DESCRIPTION

1540-1551'

LEG	SITE	HOLE	CORE	SEC
6	001		119	1

OBSERVER
SAW



MAROON VEINED ~~CLAYSTONE~~

dark reddish gray matrix 10R 4/1 with dusky red blebs throughout

veins are calcite in composition and are presented in the graphic rep.

330570

1/28/76

VISUAL CORE DESCRIPTION

1540-1551'

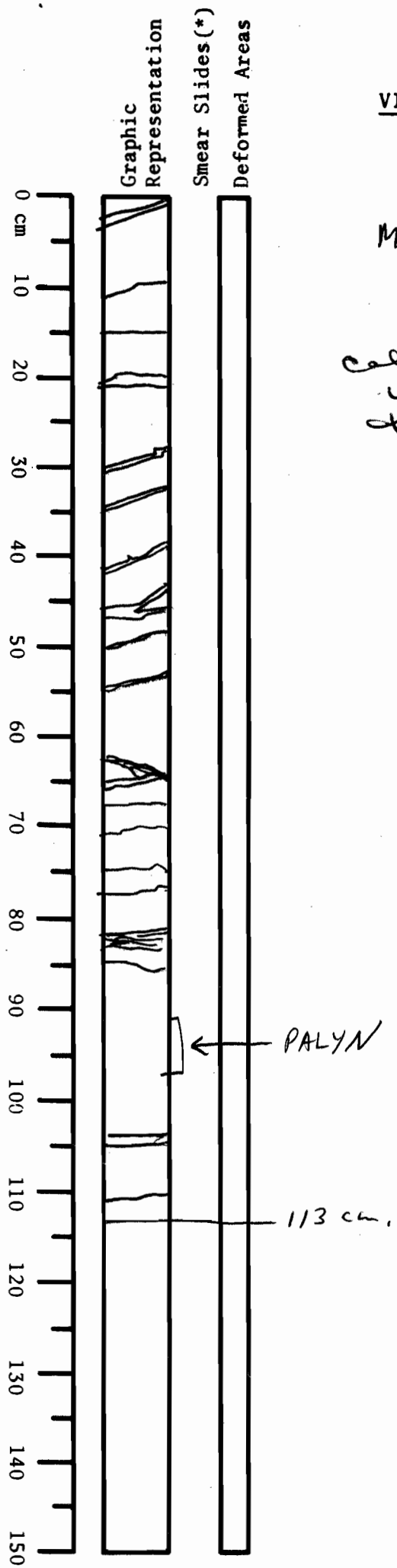
LEG	SITE	HOLE	CORE	SEC
6	001		119	2

OBSERVER
SAW

MAROON VEINED ~~CLAYSTONE~~

calcite veins in dark reddish gray matrix w/ dark red blebs scattered randomly throughout the section

calcite white = 10YR 8/1
dark reddish gray = 10R 4/1



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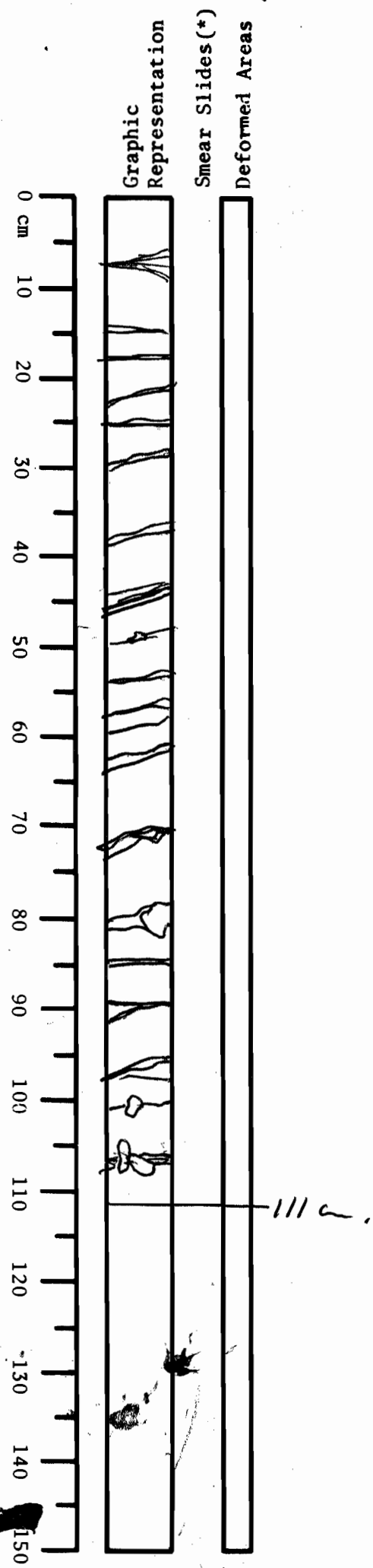
VISUAL CORE DESCRIPTION

1540-1551'

LEG	SITE	HOLE	CORE	SEC
6	0 0 1		1 1 9	3

OBSERVER



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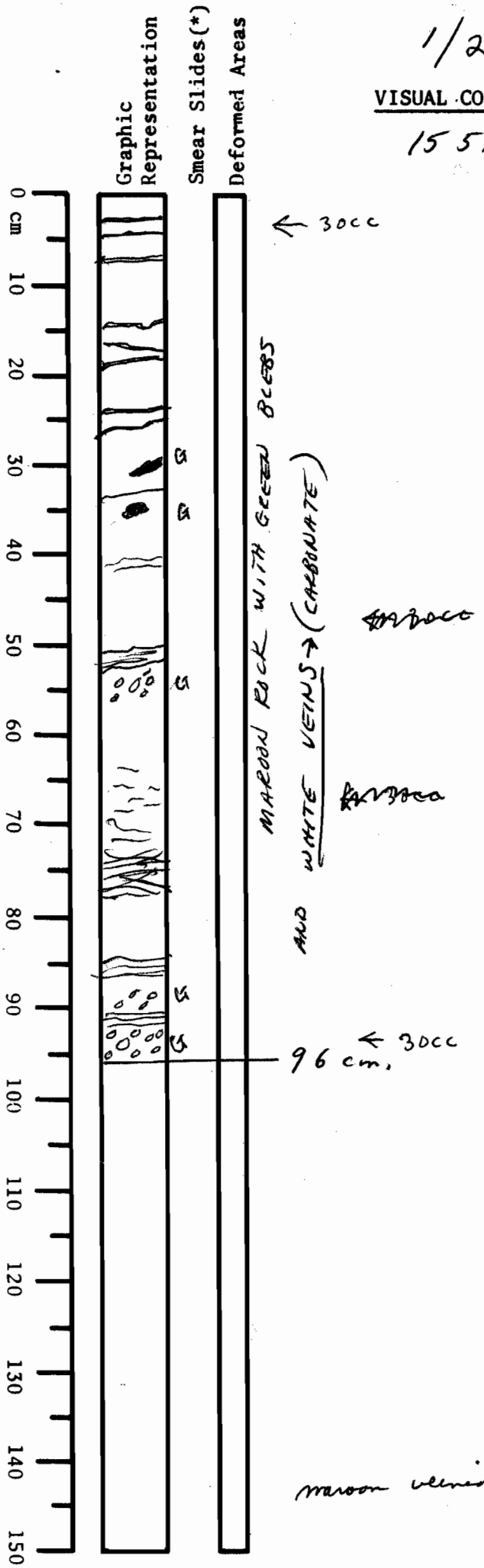
VISUAL CORE DESCRIPTION

1551-1572'

LEG	SITE	HOLE	CORE	SEC
6	0001		120	1

472.7-473.8

OBSERVER
wmf



maroon veined bedrock w. blebs

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1/29/76

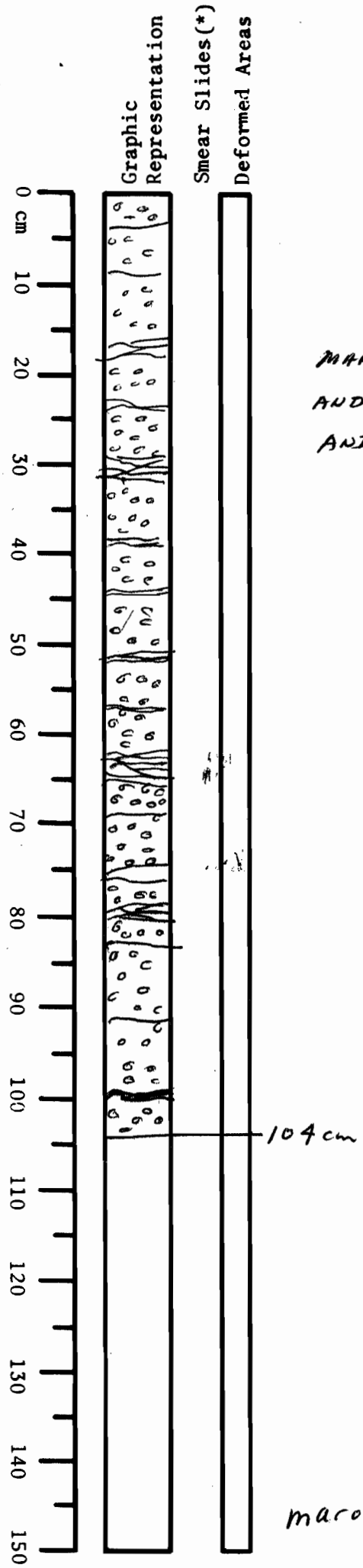
VISUAL CORE DESCRIPTION

1551-1572'

LEG	SITE	HOLE	CORE	SEC
6	001		120	2

473.8 - 475.0

OBSERVER
WMK



MAROON COLORED ROCK WITH WHITE CALCAREOUS VEINS AND GREEN BLEBS OF A SOFT SOAPY MINERAL AND [redacted] CALCAREOUS MATERIAL.

maroon veined hard rock

1/29/76

330570

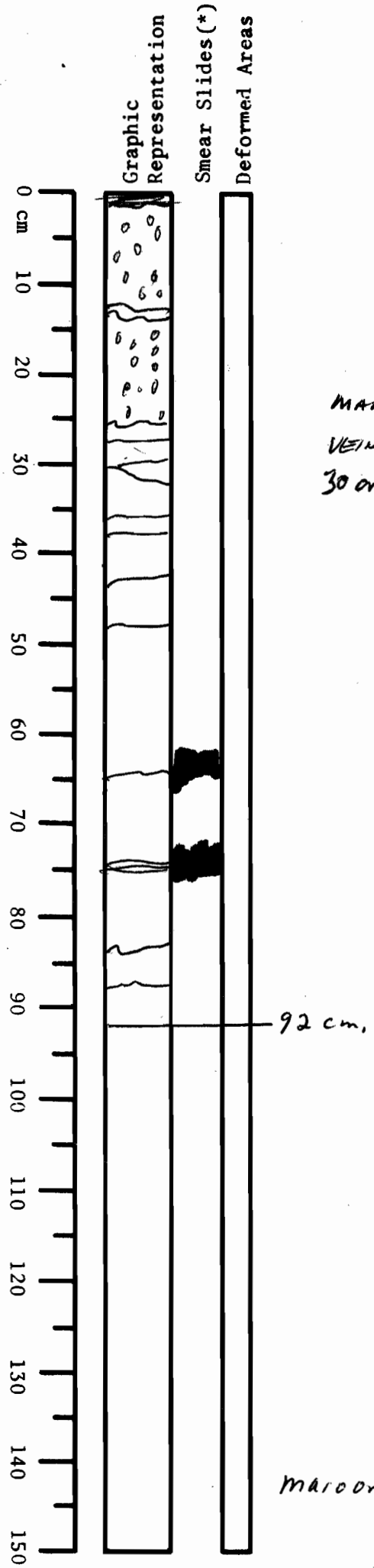
VISUAL CORE DESCRIPTION

1551-1572'

LEG	SITE	HOLE	CORE	SEC
6	001		120	3

475 - 476 m

OBSERVER
WMF



MAROON COLORED ROCK WITH WHITE CALCAREOUS VEINS AND SOME GREEN BLEBS IN THE UPPER 30 cm.

maroon veined hard rock

1/29/76

330570

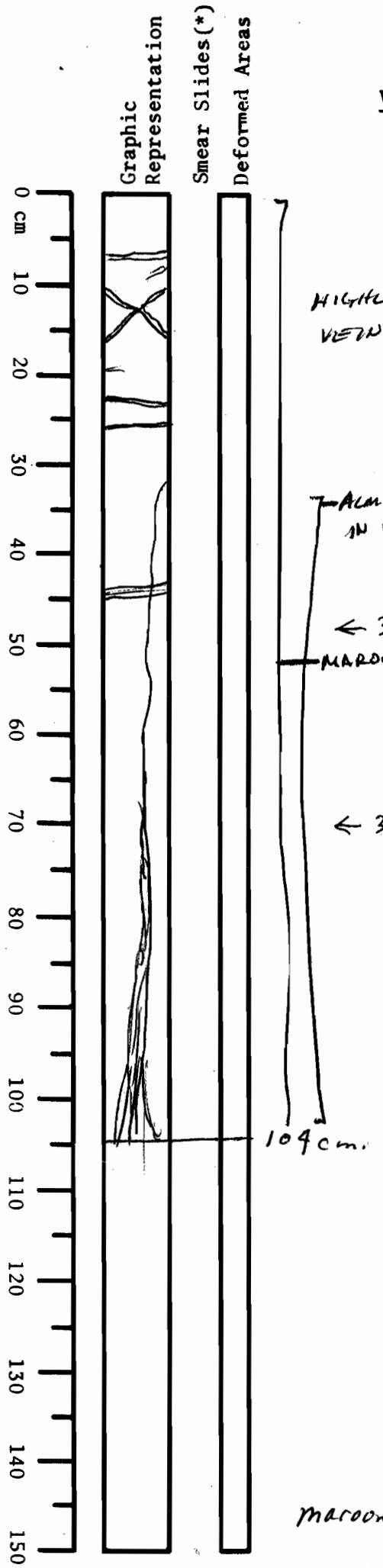
VISUAL CORE DESCRIPTION

1551-1572'

LEG	SITE	HOLE	CORE	SEC
6	001		120	4

476-477.2

OBSERVER
WMR



HIGHLY SHOT THROUGH WITH CARBONATE VEINS

ALMOST VERTICAL GREEN VEIN VERY SOFT SOAPY MINERAL IN VEIN SOME CARBONATE

← 30cc

MAROON ROCK

← 30cc

104cm.

maroon veined hard rock

330570

1/29/76

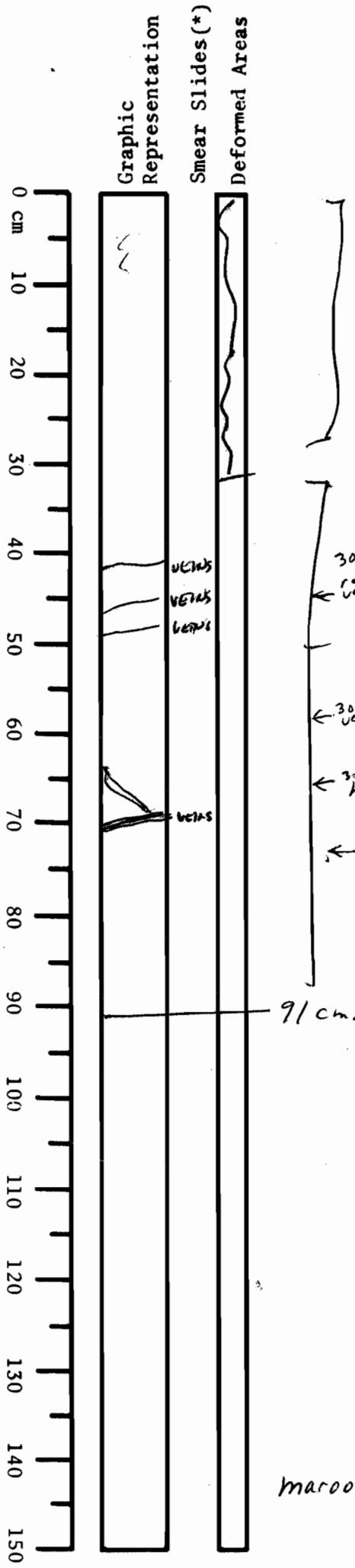
VISUAL CORE DESCRIPTION

1551-1572'

LEG	SITE	HOLE	CORE	SEC
6	001		120	5

477.2-478.3

OBSERVER
WMR



GREEN FLAKEY MINERAL
SOAPY LOW HARDNESS

SOME MAROON COLORED ROCK

30cc red vein

MAROON COLORED ROCK WITH SAME GREEN MATERIAL AS ABOVE IN VERTICAL VEINS SOME CARBONATE IN SUB HORIZONTAL VEINS

30cc vein

30cc host rock

30cc vein

maroon veined hard rock

330570

1/29/76

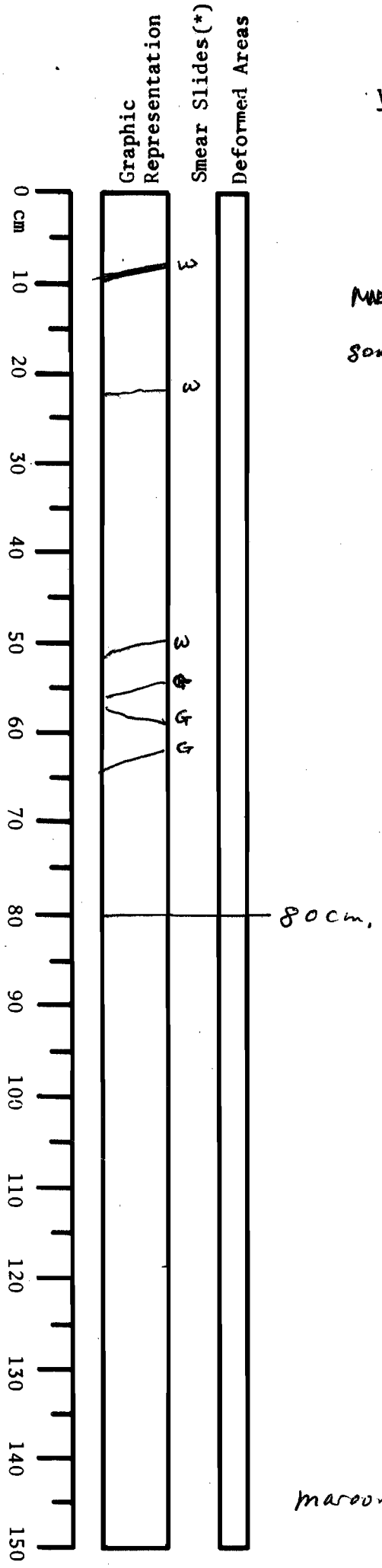
VISUAL CORE DESCRIPTION

1551-1572'

LEG	SITE	HOLE	CORE	SEC
6	001		120	6

478.3-479.2

OBSERVER
WMF



MAROON COLORED ROCK WITH

SOME WHITE AND GREEN VEINING

maroon veined hard rock

330570

1/29/76

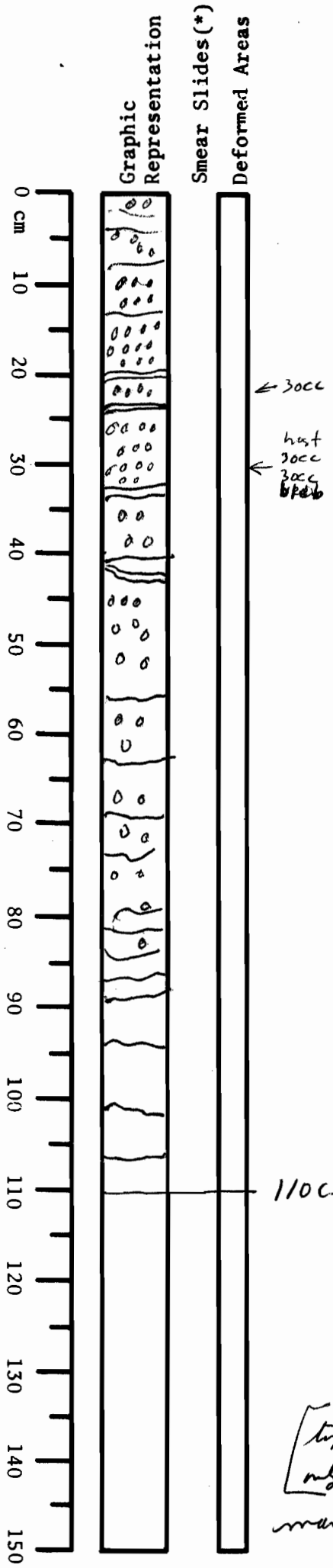
VISUAL CORE DESCRIPTION

1572-1597'

LEG	SITE	HOLE	CORE	SEC
6	001		121	1

479.2-480.2

OBSERVER
WMF



MAROON ROCK WITH BLUE-GREEN BLEBS WHICH ARE VERY SOFT AND SOAPY. THE NUMBER OF BLEBS decrease downward

[top 2' probably picked up from core 120 (since it had only 19' out of 21' cut and the had 27' out + 25' cut)]

maroon veined hard rock w. darker blebs

1/29/76

330570

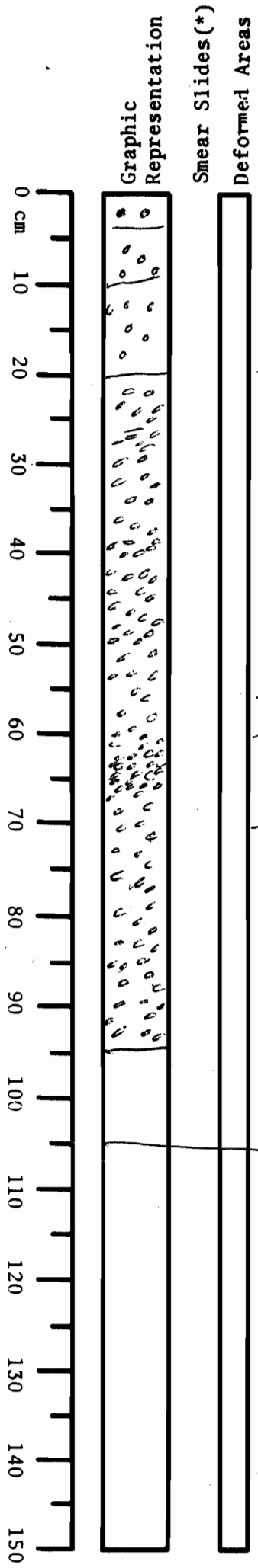
VISUAL CORE DESCRIPTION

1572-1597'

LEG	SITE	HOLE	CORE	SEC
6	001		121	2

480.2-481.2

OBSERVER
WMK



MAROON ROCK WITH SOAPY SOFT BLUE GREEN BLEBS

MAROON ROCK WITH LT BLUE GREEN BLEBS (SOME OF THE BLEB MATERIAL IS CARBONATE).

slab for AAPG New Orleans 5/76

SLAB for Corwin

only 95cm in box log calls for 105

105cm.

maroon veined red rock w. white blebs similar to hole section above 1550'.

1/29/76

330570

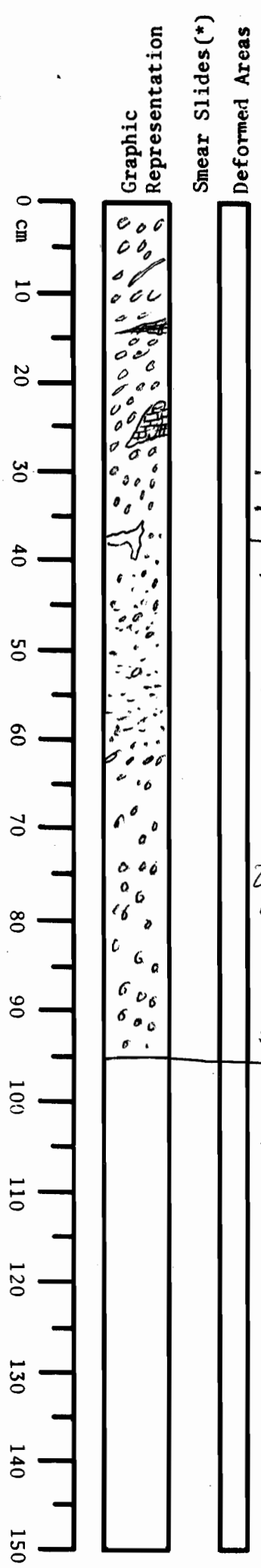
VISUAL CORE DESCRIPTION

1592-1597'

LEG	SITE	HOLE	CORE	SEC
6	001		121	3

481.2-482.1

OBSERVER
WMF



MAROON ROCK WITH LT BLUE GREEN BLEBS AND VEINS OF CALCAREOUS MATERIAL

BLEBS ARE DARKER HERE MORE SOAPY.

(chill zone between two flows?) coarsening upward

95cm.

maroon veined hard rock w. white blebs

330570

1/29/76

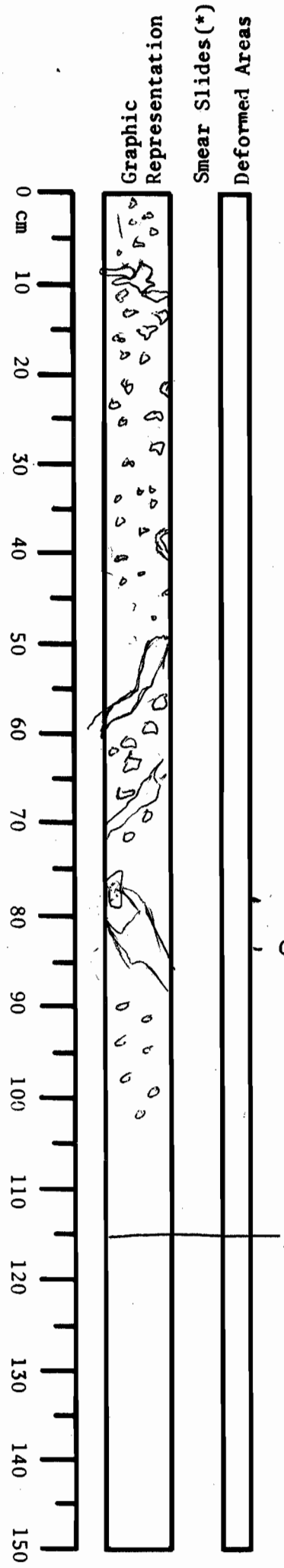
VISUAL CORE DESCRIPTION

1572-1597'

LEG	SITE	HOLE	CORE	SEC
6	001		121	4

482.1-483.1

OBSERVER
JHW



fine grained maroon ground mass with white blebs → CARBONATE

white veins

bluish white blebs

fine grained interclast

crystalline vein (white) → CARBONATE
fine grained

105cm

maroon veined hard rock w. white blebs

1/29/76

330570

VISUAL CORE DESCRIPTION

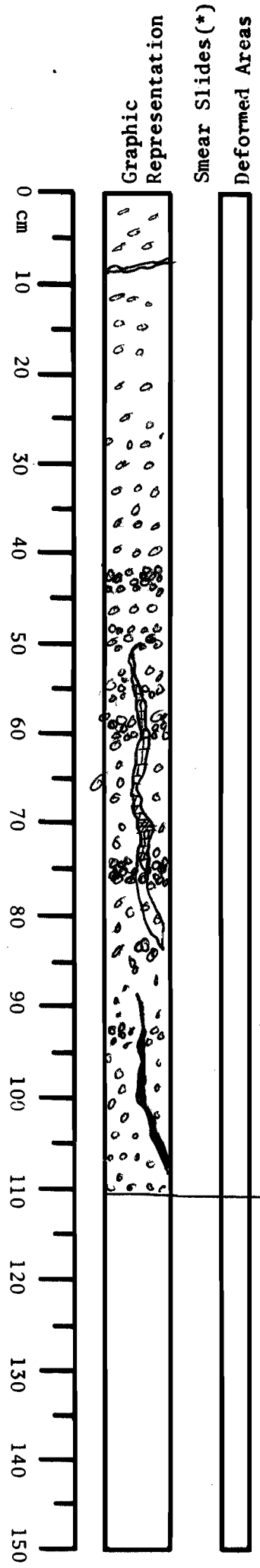
1572-15971

LEG	SITE	HOLE	CORE	SEC
6	001		121	5

MAROON WITH BLUE GREEN BLEBS

483.1-484.0

OBSERVER
WMR



→ CARBONATE VEIN

→ MAROON ROCK WITH BLUE GREEN BLEBS

← 30 CC

CALCAREOUS VEIN IN MAROON ROCK WITH BLUE GREEN BLEBS

THE CONCENTRATION OF THE BLEBS DOES NOT APPEAR TO BE CONSTANT HIGH CONCENTRATIONS ARE SHOWN IN DIAGRAM

DARK COLORED VEIN

110 cm

maroon veined hard rock w. white veins & dark blebs

330570

1/29/76

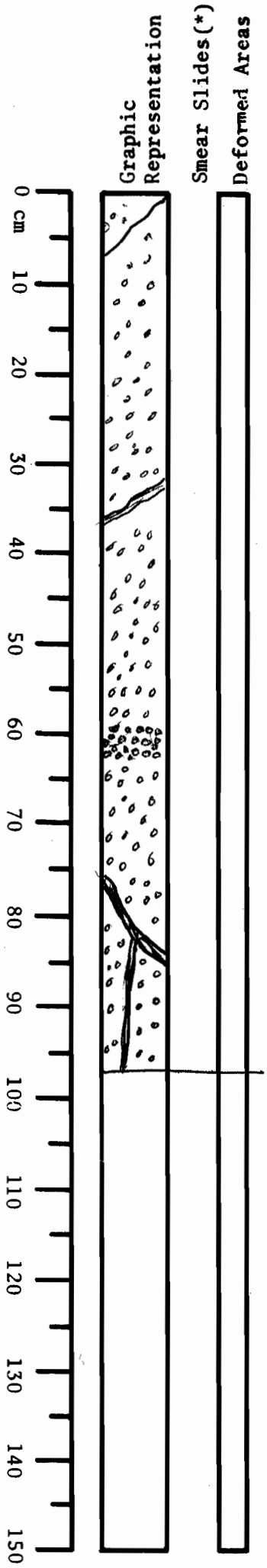
VISUAL CORE DESCRIPTION

1572-1597'

LEG	SITE	HOLE	CORE	SEC
6	001		121	6

484.1 - 485.0

OBSERVER
WMF



← CALCAREOUS VEIN IN MAROON ROCK WITH GREEN SA BLEBS

CARBONATE AND GREEN MINERAL VEIN
← bag sample

GREEN VEIN

97 cm.

maroon veined hard rock w. dark blebs

330570

1/29/76

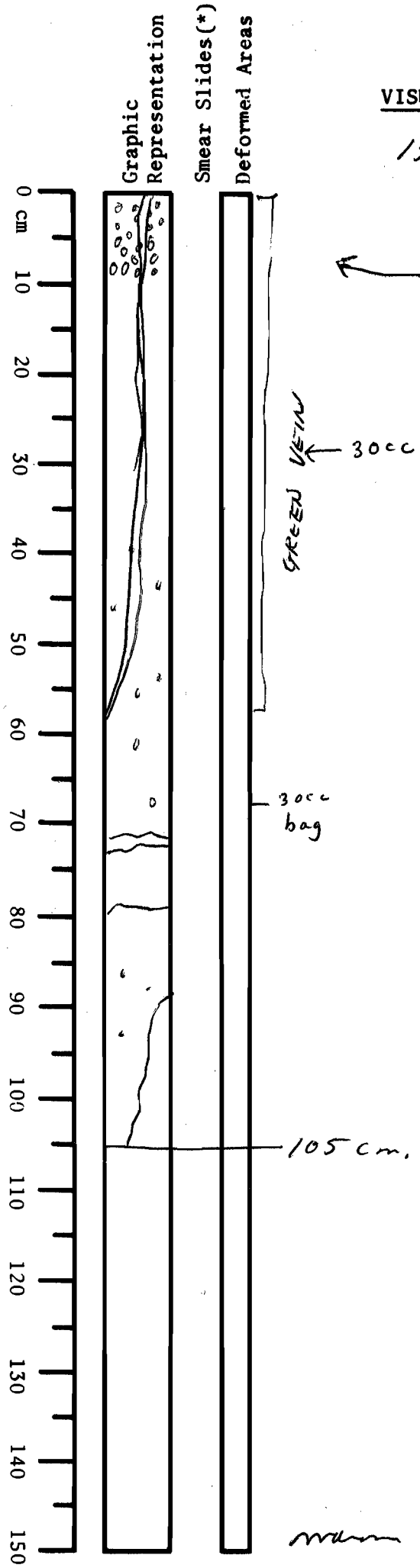
VISUAL CORE DESCRIPTION

1572-1597'

LEG	SITE	HOLE	CORE	SEC
6	001		121	7

485.0 - 486.0

OBSERVER: WMF



MAROON ROCK WITH DARK GRAY FLECKS NEAR TOP

SPARCER FLECKS DOWN THE CORE

warm reddish brown with dark blebs.

330570

1/29/76

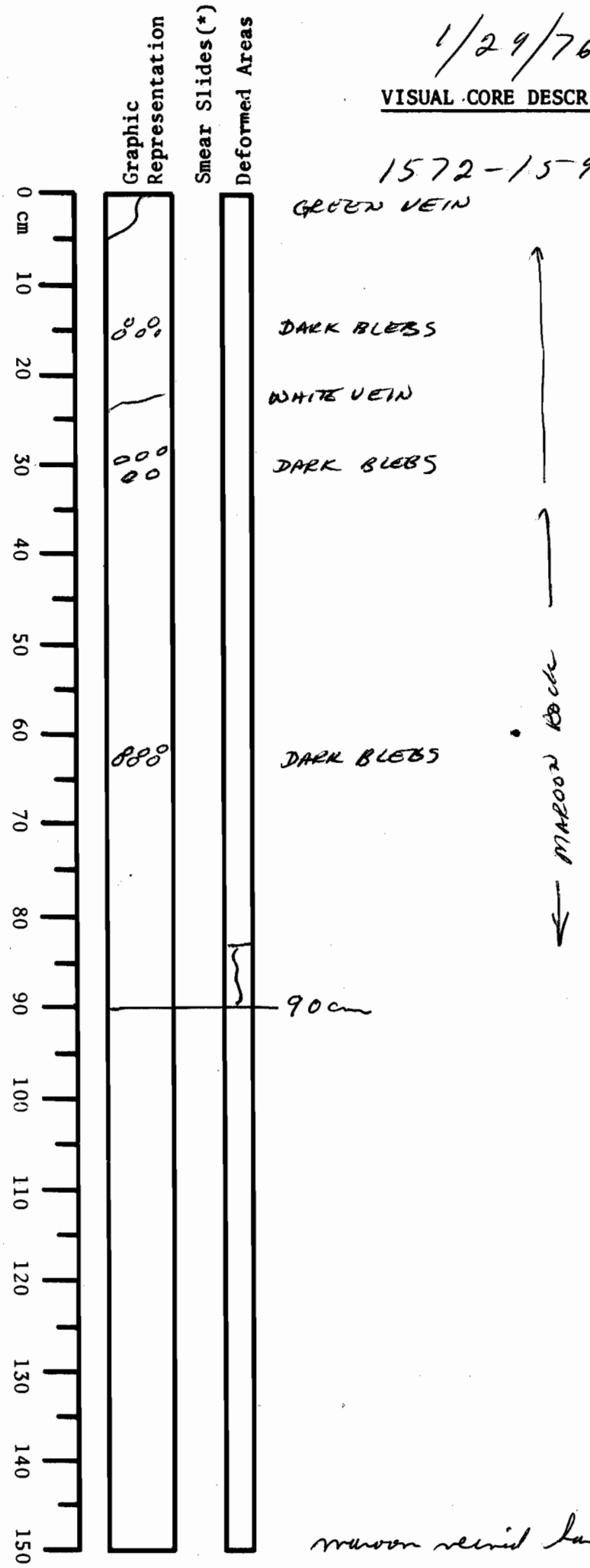
VISUAL CORE DESCRIPTION

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

416.0 - 486.8

OBSERVER
WMF

1572-15-971



maroon veined hard rock w. dark blebs.