

392

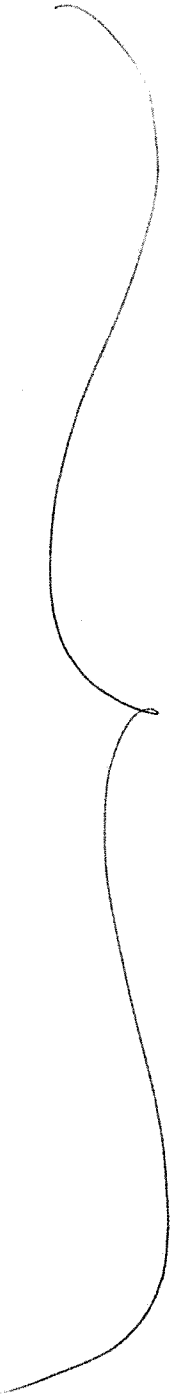
fld - completely altered
like on 60-7 + 60 cc
fresh fldsp.

upper contact not recovered
baked sediment above ignes not
Section 60R-7, 77-90cm (reddish streaks!)

392-U1579D-61R-1-A |

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:	
			Comments		
0		Unit 1			
2			sparsely vesicular 30 moderately vesicular 52 highly vesicular		
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(sparsely)
 px-phyric basalt, perhaps ol-phenos but totally
 massive unit (or sill?) replaced
 5-3% pyrox (plus replaced ol?)
 sparsely vesicular

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0 -2 -4 -6 -8 -10 -12 -14 -16 -18 -20 -22 -24 -26 -28 -30 -32 -34 -36 -38 -40 -42 -44 -46 -48 -50 -52 -54 -56 -58 -60 -62 -64 -66 -68 -70 -72 -74 -76 -78 -80 -82 -84 -86 -88 -90 -92 -94 -96 -98 -100 -102 -104 -106 -108 -110 -112 -114 -116 -118 -120 -122 -124 -126 -128 -130 -132 -134 -136 -138 -140 -142 -144 -146 -148 -150 -152				
				highly vesicular

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
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moderately
~~highly~~ vesicular

"
 new fire"



Biggs
 "the"
 median

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0	moderately vesicular	moderately altered		
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-40	sparsely vesicular			
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all a "new" medium grained

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
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60	<p>all "new" medium ground</p>			
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Drawing/Annotation	Lithology	Logged By:	Date:
Comments			
<p><i>1-2 cm</i> ← scribble</p> <p># ← calcite filling (fizz with HCL!)</p> <p>#</p>	<p><i>Good</i></p> <p><i>TS + ICP-MS spots</i></p>		<p><i>Slightly altered</i></p> <p>↓</p> <p><i>all "new" medium grained</i></p>

CM Scale

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Drawing/Annotation

Lithology

Logged By:

Date:

Comments

//

- non-vesicular -
- slightly altered
- all "new" medium grained

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
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px-phyric basalt
 5-8% px (incl. some replaced
 Olivine?)

none vesicular
~~fine-grained~~ ⁱⁿ ~~medium~~ ⁱⁿ ~~grained~~
 slight alteration } rest of core

vehs marked on
 these printouts

10% phenos

CM Scale

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Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
	<p>Still Unit ↗</p>		<p>px-phyric basalt 5-8% px (perhaps some ol?) non vesicular → fine grained near median ground → whole core slight alteration →</p>

+ pluc } highly
 } phytic

CM Scale

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Drawing/Annotation	Lithology	Logged By:	Date:
Comments			
<p>* 6% px phos + play</p> <p>//</p>			<p>→ highly phynic all "new" medium finished</p>

CM Scale

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Drawing/Annotation	Lithology	Logged By:	Date:
Comments			
<p>//</p> <p>6% px - phenos</p>			<p>slightly altered</p> <p>all new medium grained</p>

CM Scale

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Drawing/Annotation

Lithology

Logged By:

Date:

Comments

still the same stuff
"pyroxene phytic sulfate"

fine-grained all in "middle ground"

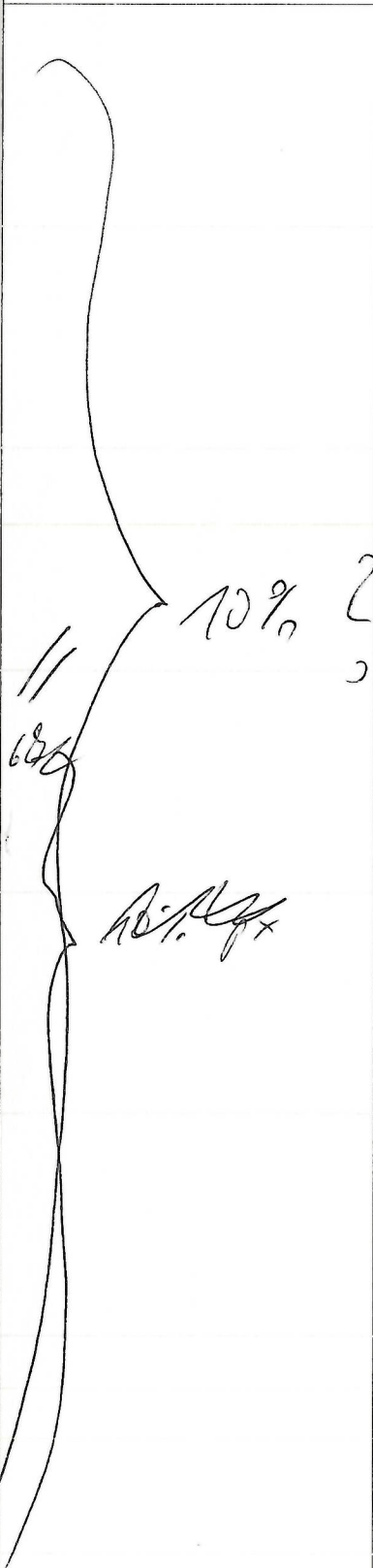
6% px (perhaps all totally altered?)

→ sparse phytic

almost fresh!

no vesicles

→ OXRT

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:	
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all "new" medians grabbed

Good section for
PC-Geochemis

392-U1579D-63R-3-A |

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
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TS+ICP

10%

Back to
6%

second TS + ICP
somewhere
here?

P x R F O

all "new" medium grained

CM Scale

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Drawing/Annotation

Lithology

Logged By:

Date:

Comments

*all "new" medium grained
this unit is
highly phytic*

CM Scale

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Drawing/Annotation

Lithology

Logged By: PD

Date: 2/24/22

Comments

47
vein network

63

- 50% plag
max 5mm
AV 2mm
"new" medium grained
- ~~plag~~ grained

82

- 2% cpx
max 2m
AV 1mm

vein network

132

CM Scale

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Drawing/Annotation

Lithology

Logged By:

PO

Date:

2/24/22

Comments

32

30

vein network

110

115

5% plag
M₅ Av 2
30% Qtz
M₂ Av 1

med
grained

↓ fine
grained



CM Scale

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Drawing/Annotation

Lithology

Logged By:

Date:

PD

2/24/22

Comments

fresh

22
mod
alt.
34
high
alt.
47

↑
fine grained

5% plag
Mx 5 An 2

+ 5% Px

↑
↓
this tiny piece is chilled margin !

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SHT + HC	2/24/02
			Comments	
0 - 12		CS.	light green, sand size, high bioturbation	
14	irreg	silt	very dark green, massive, silt size	
16	irreg	CS	light green, massive, sand	
18	irreg	MS	dark green, layered, mostly	
20	clasts	VCS	silt	
22	irreg	VCS	fining upward	
24	irreg	VCS		
26	irreg	MS		
28	irreg	CS	fining ↑	
30	sharp	CS		
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48	grad	CS	light green, fine sand size, intense bio,	
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100	clasts	MS	massive, light green, clasts	
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CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC, SR	29/02/22
			Comments	
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33

light green 64y 18/5 64
 Dark green 5G 512
 very dark green 5G4 3/2

CM Scale

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-128
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-136
-138
-140
-142
-144
-146
-148
-150
-152

Logged By:

HC

Date:

24/02/22

Drawing/Annotation

Lithology

Comments

drill

CS

dark green High bio
layered, bands of
whitish green

drill

ms

gray (dty) 8/N marine

JH

CS

layered, dark green
High bio

JH

CS

(*)

CS

intense bio, ~~gray~~
light green

Intg

CS

fine ↑ intense bio,
dark green

Intg

clay
silt

very dark g. marine

CS

(*)

CS

(*)

20

23

37

47

57

64, 5

67.5

98

CM Scale

0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
-22
-24
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-148
-150
-152

Drawing/Annotation

Lithology

Logged By:

HC

Date:

24/02/22

Comments

Irreg.

CS

dark green,
fining ↑

9

VCS

dark green
layered, with
base of
whitish green
limb biotub.

~~fining ↑~~

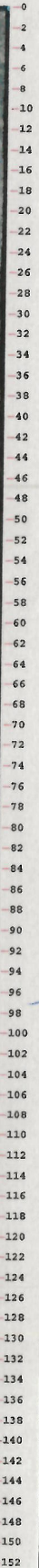
Logged By:

HCKP

Date:

24/02/22

CM Scale



Drawing/Annotation	Lithology	Comments
fred	CS	dark green, layered.
clasts	CS	massive light green High biotub.
grad	clayey silt	dark green, massive, silt
clasts	FS	Grey 1 8/5 Gy massive clasts
Pyrite		
network veins		
Unit 2!		<p>contact between sed. + basalt partially preserved.</p> <p>basalt is highly altered completely</p> <p>aphitic anitic sparsely vesicular, 100% filled</p>

13

41
45

SED
↑
97
↓
BASALT

Good section for PC-GC!

CM Scale

0
-2
-4
-6
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-142
-144
-146
-148
-150
-152

Drawing/Annotation

Lithology

Logged By:

PO

Date:

2/24/22

Comments

TS + ICP requested

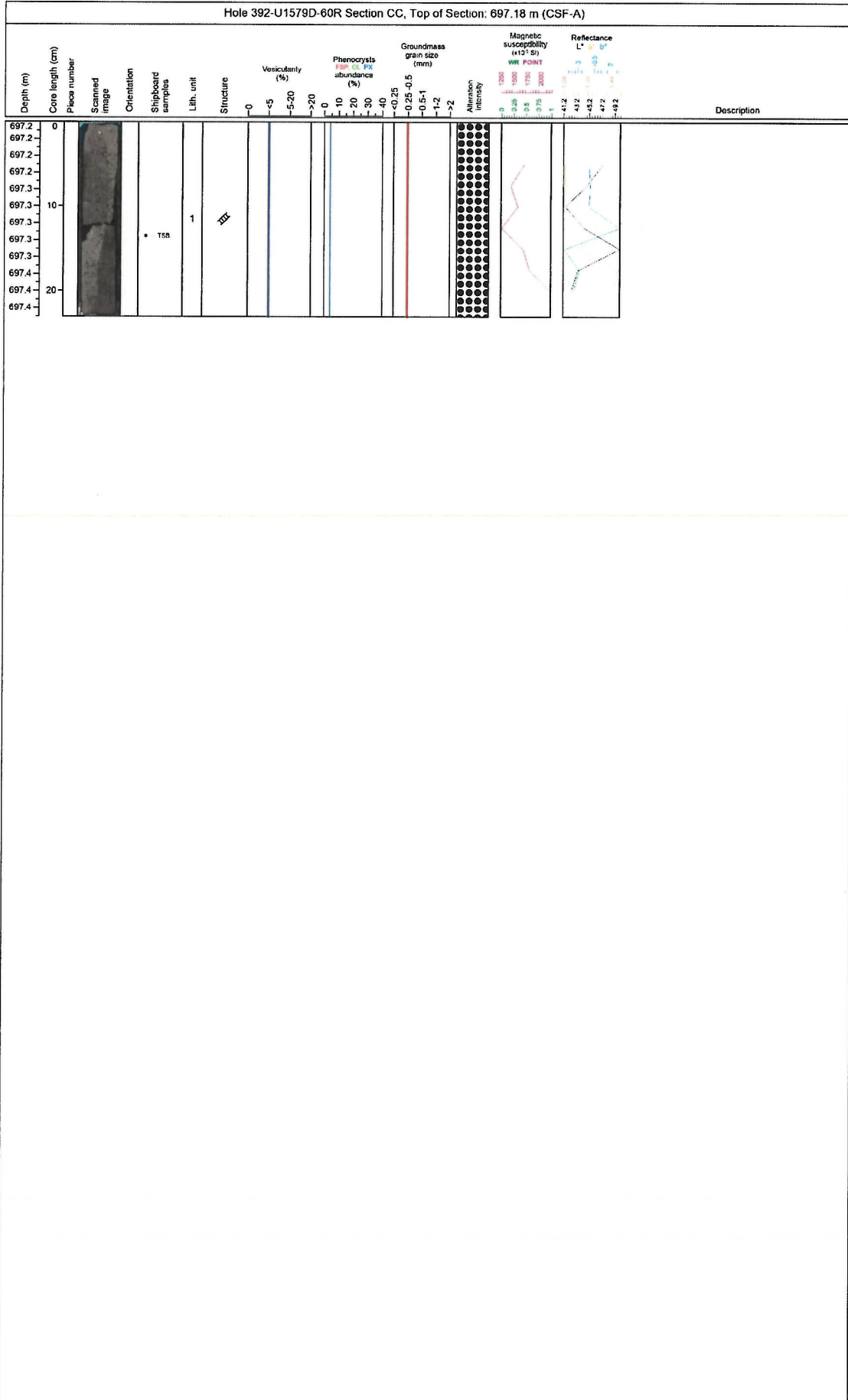
Mod. argill

Mod. micritic clay filled

40 vein 47

10% plagioclase
Mx 4 Av 2

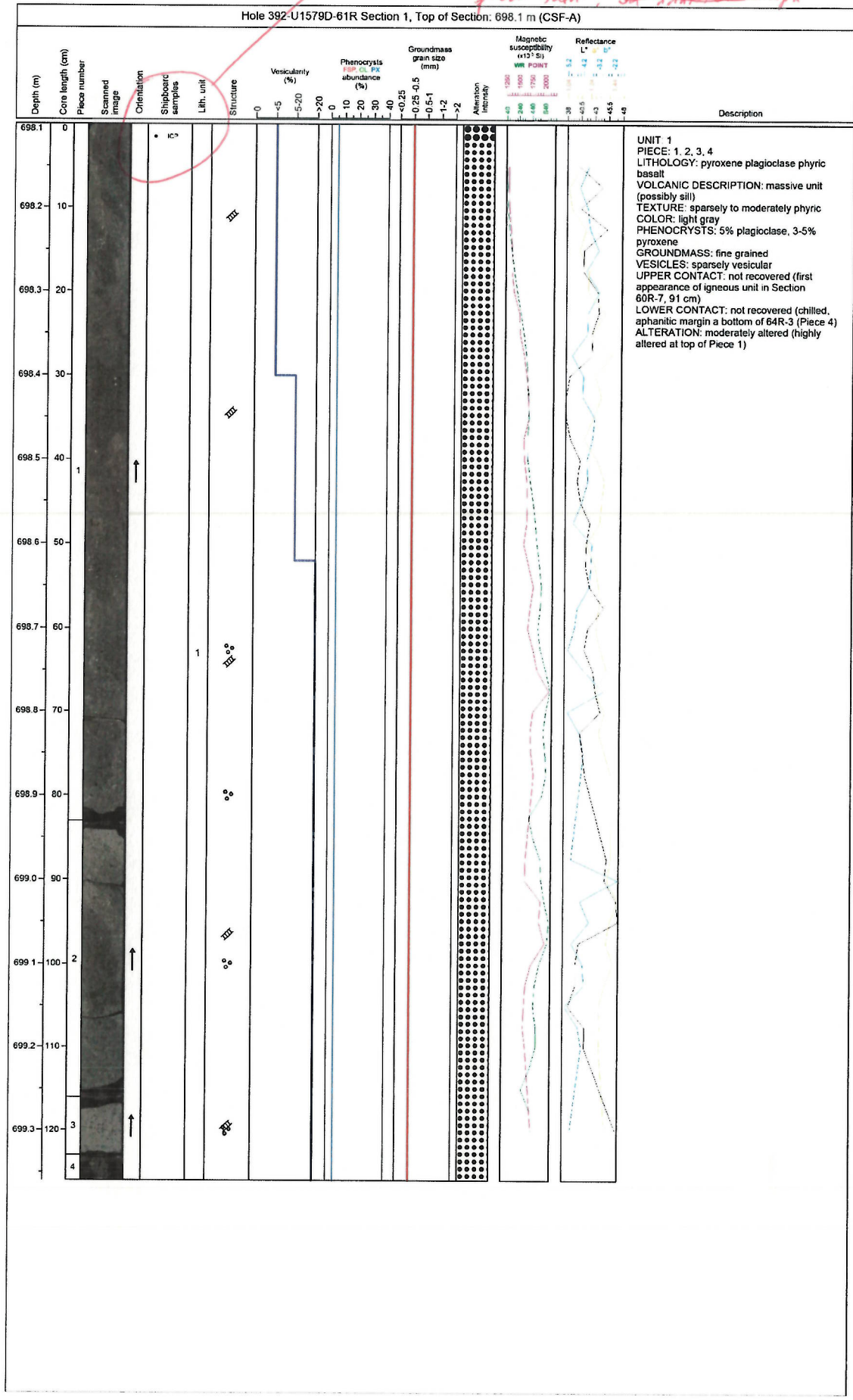
Hole 392-U1579D-60R Section CC, Top of Section: 697.18 m (CSF-A)



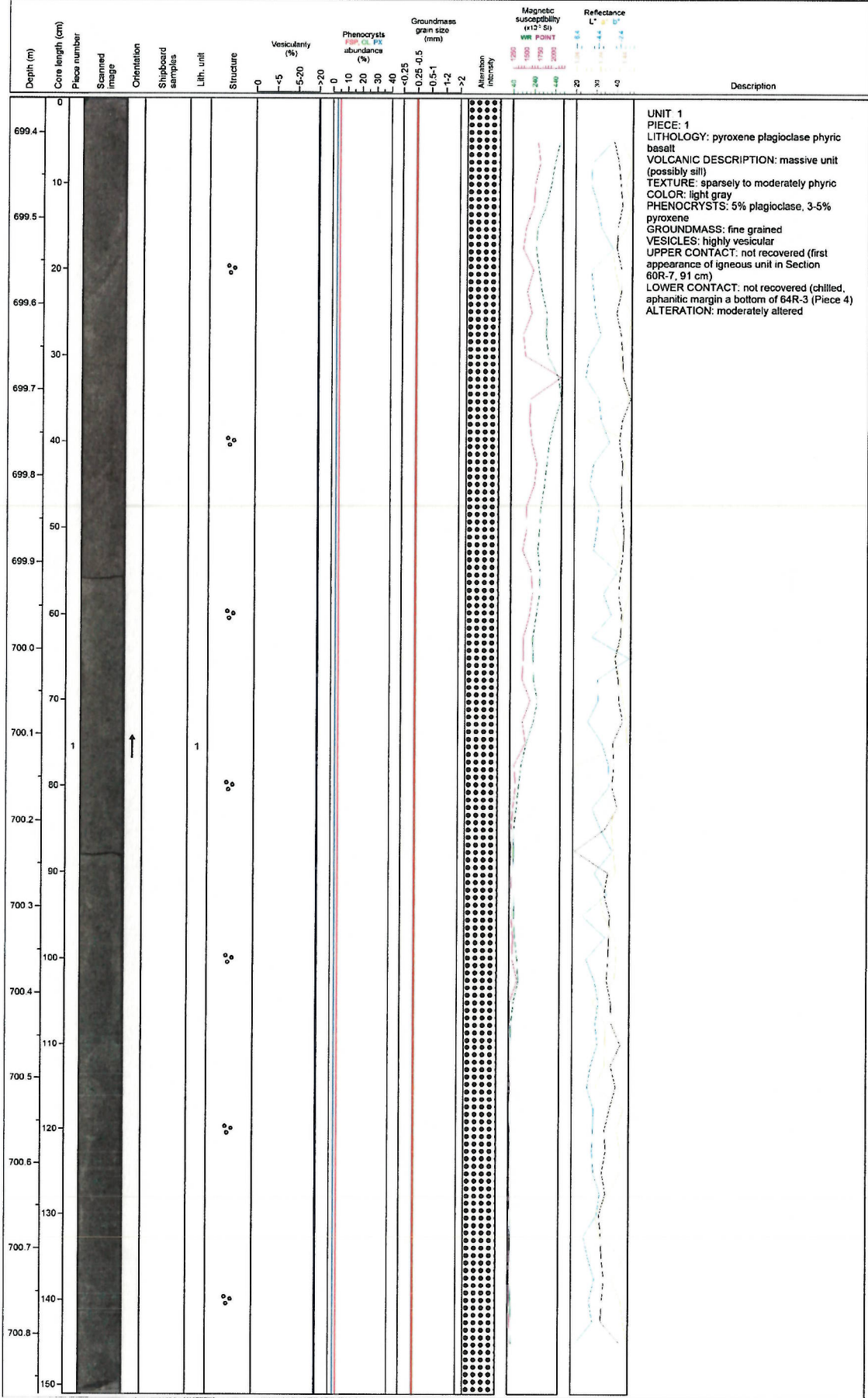
Hole 392-U1579D-61R Section 1, Top of Section: 698.1 m (CSF-A)

- Sample Maftu shows 1CP but not TS
 and we don't have a TS from this spot in
 our possession
 Instead we have a TS from 61R-6 but not the 1CP
 from there. ~~For additional sample~~

Fixed

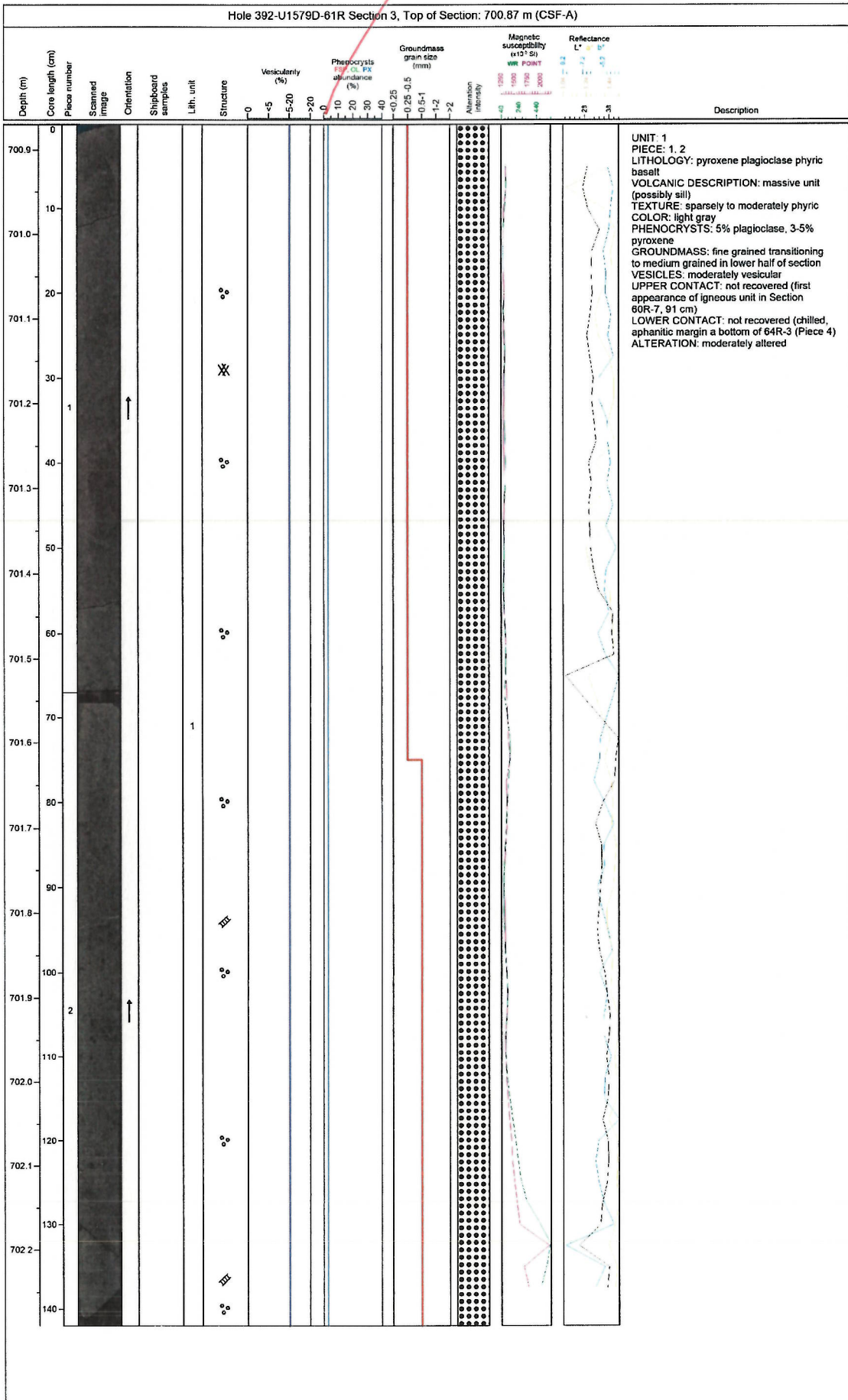


Hole 392-U1579D-61R Section 2, Top of Section: 699.36 m (CSF-A)

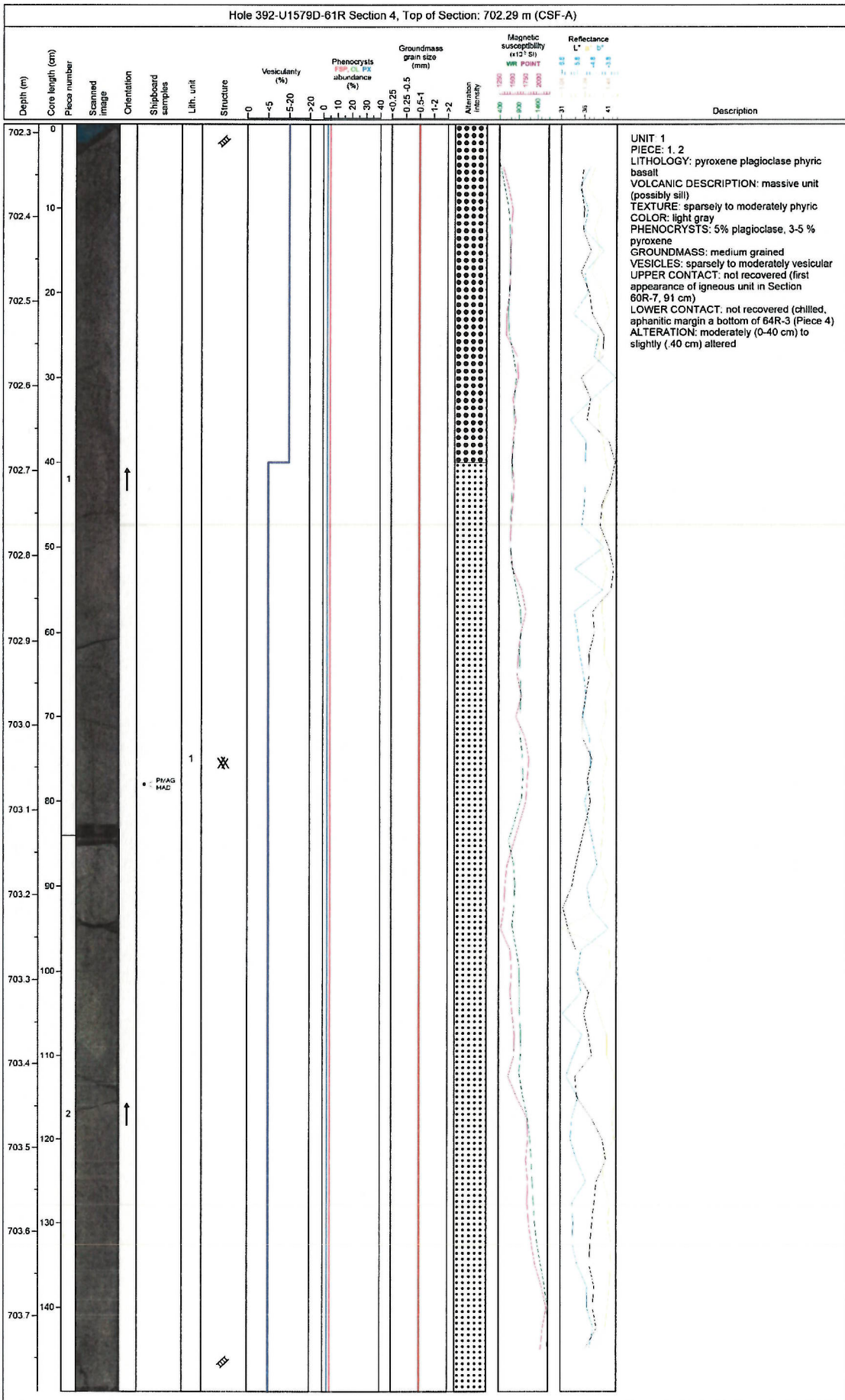


Hole 392-U1579D-61R Section 3, Top of Section: 700.87 m (CSF-A)

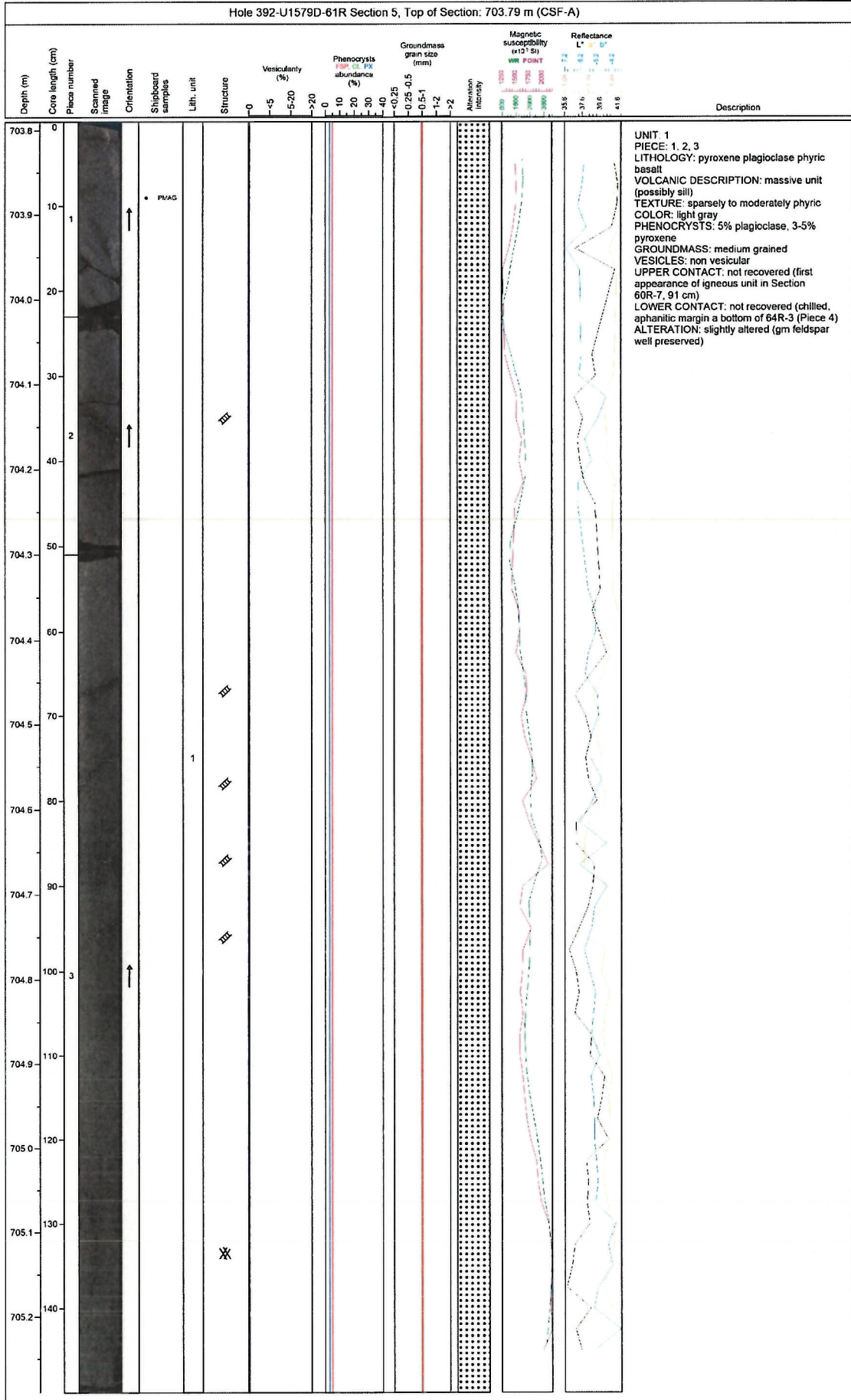
Px 3%
Fels 3%



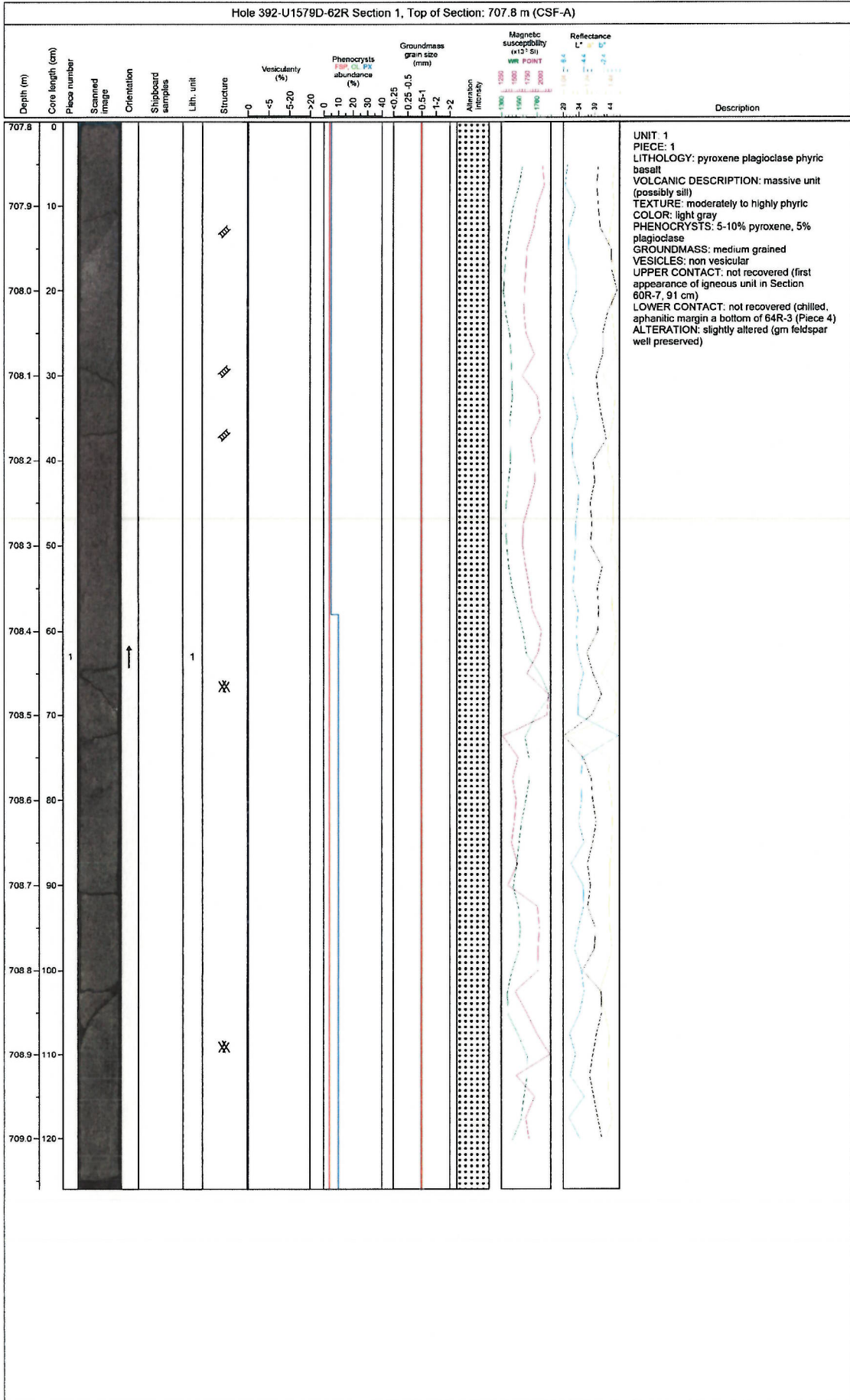
Hole 392-U1579D-61R Section 4, Top of Section: 702.29 m (CSF-A)



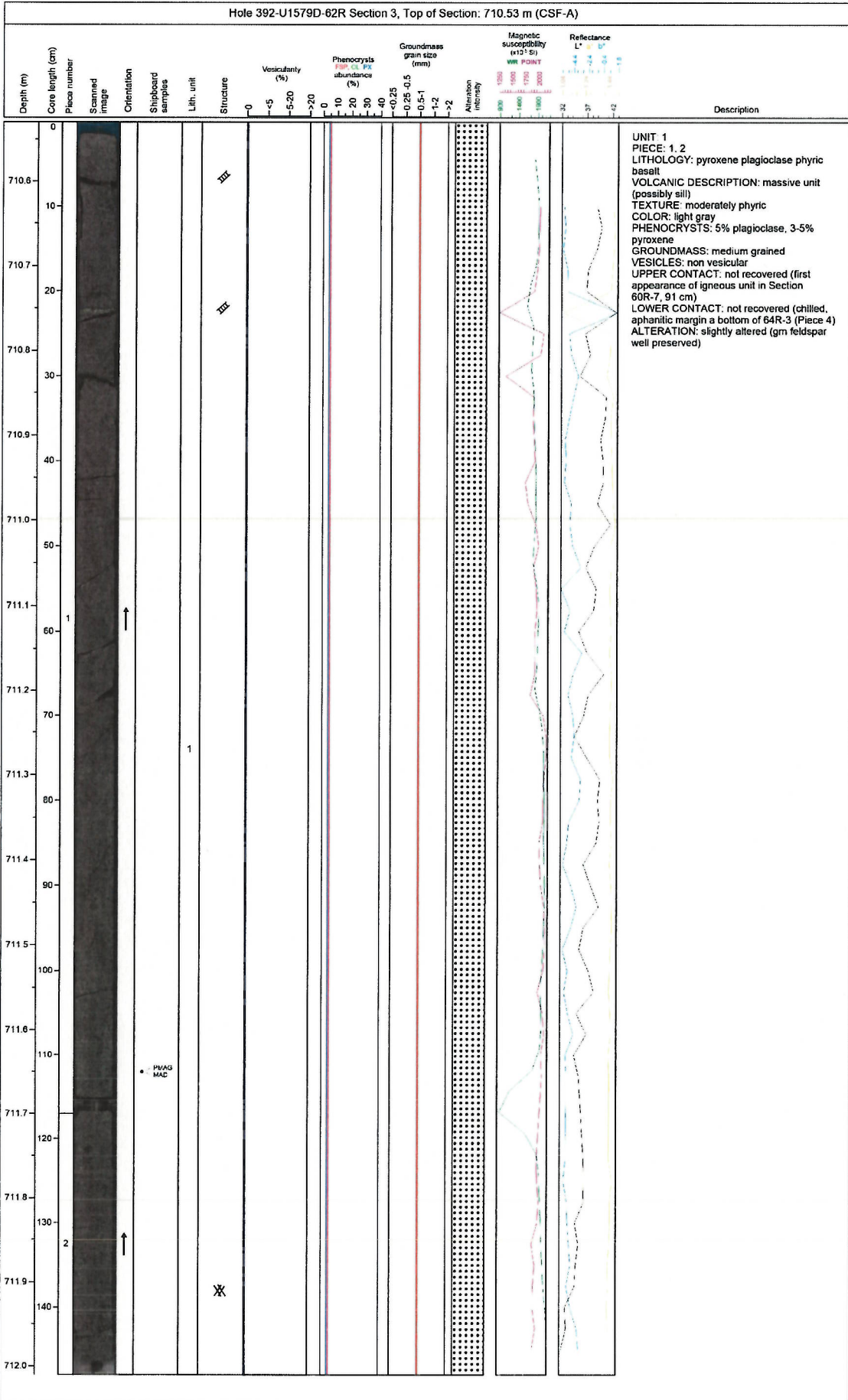
Hole 392-U1579D-61R Section 5, Top of Section: 703.79 m (CSF-A)



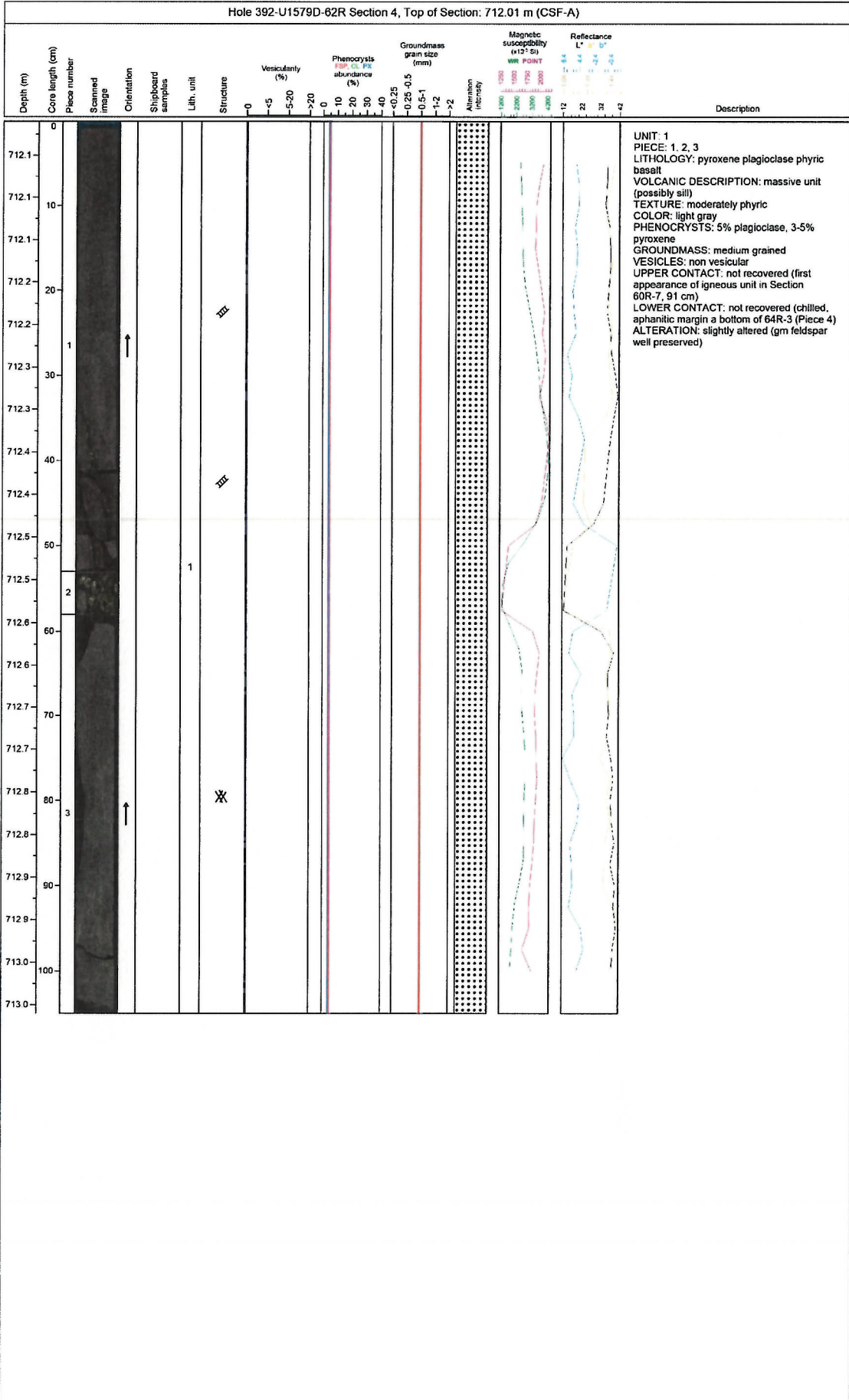
Hole 392-U1579D-62R Section 1, Top of Section: 707.8 m (CSF-A)



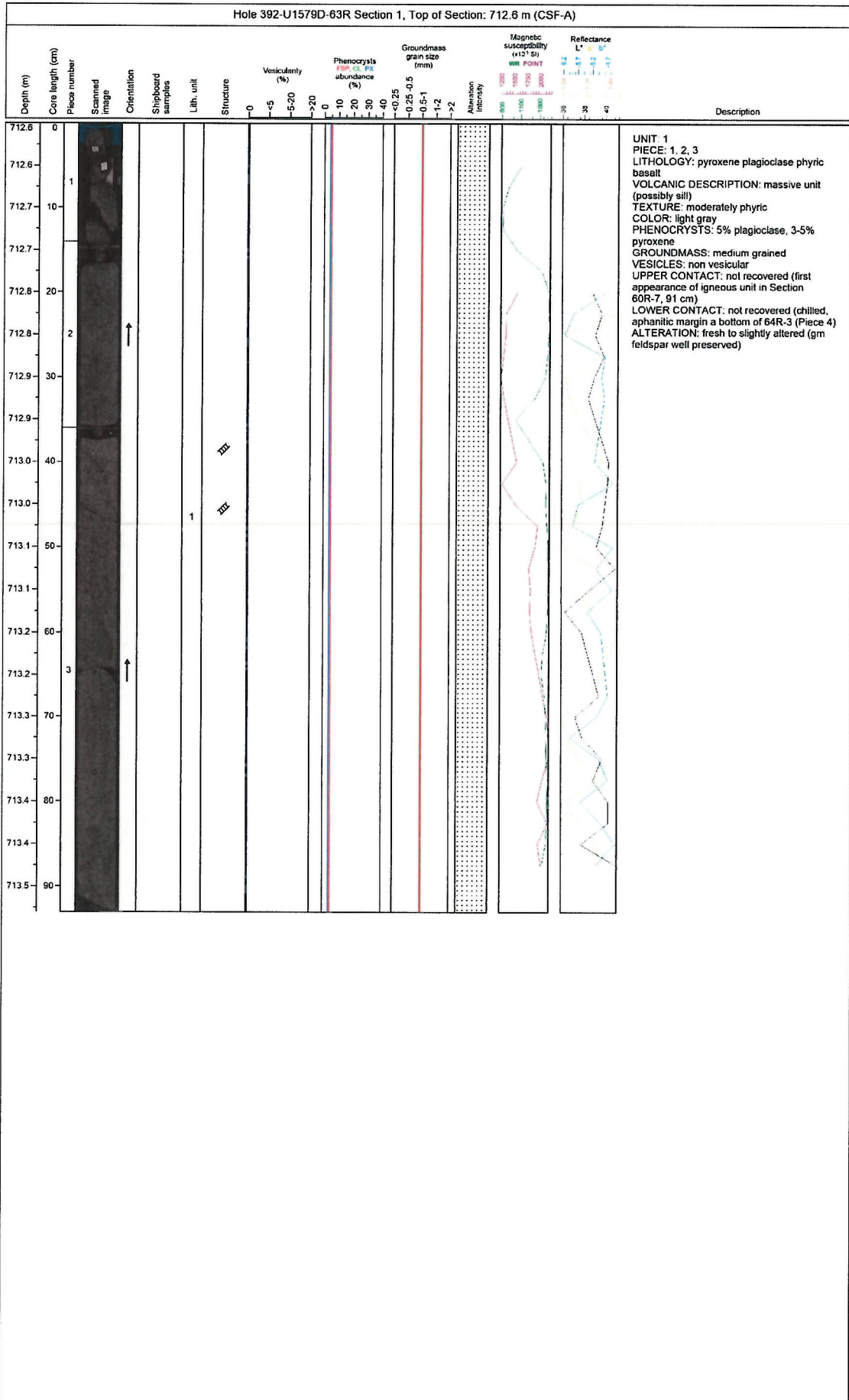
Hole 392-U1579D-62R Section 3, Top of Section: 710.53 m (CSF-A)



Hole 392-U1579D-62R Section 4, Top of Section: 712.01 m (CSF-A)



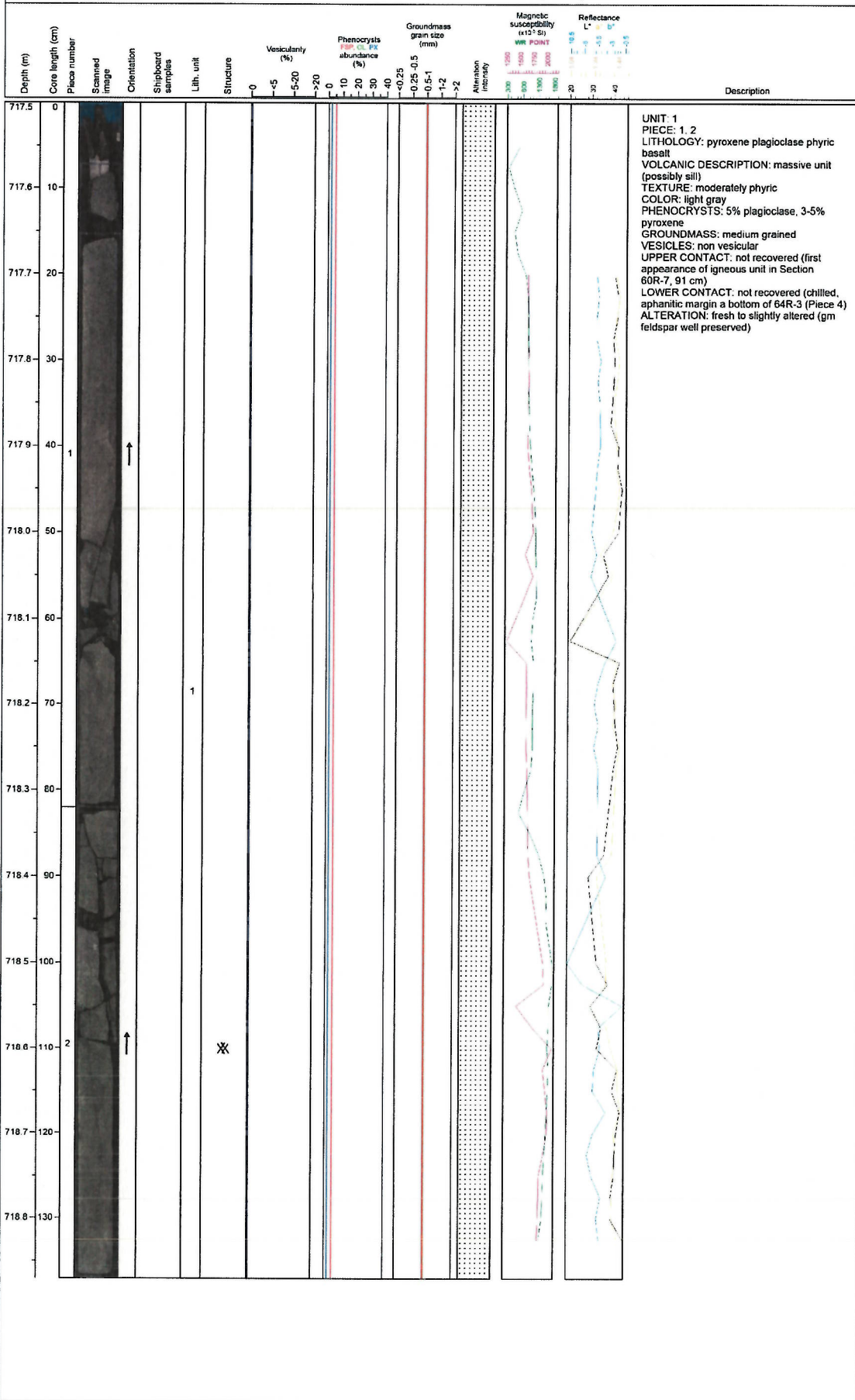
Hole 392-U1579D-63R Section 1, Top of Section: 712.6 m (CSF-A)



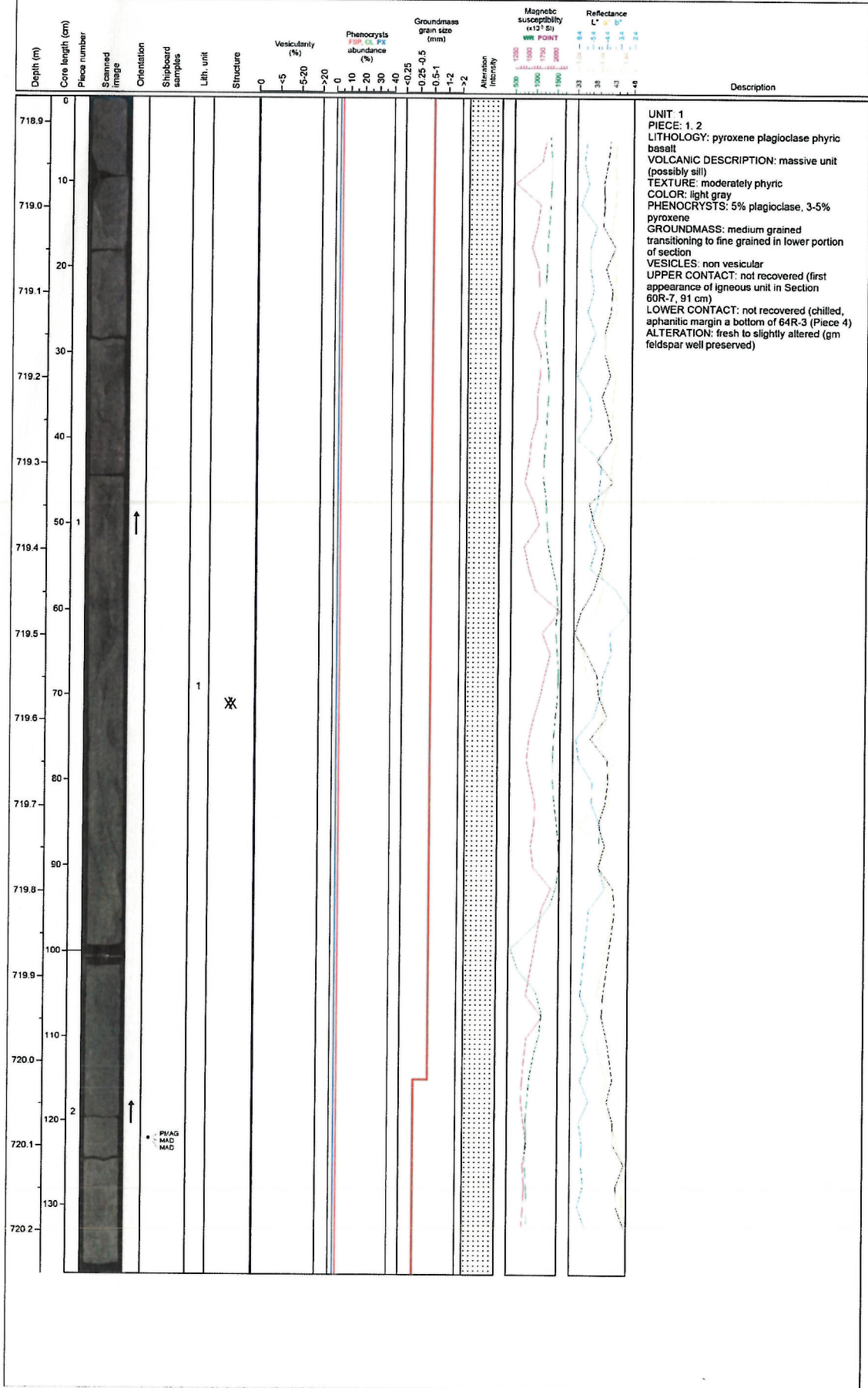
Hole 392-U1579D-63R Section 4, Top of Section: 716.23 m (CSF-A)

Depth (m)	Core length (cm)	Piece number	Scanned image	Orientation	Shipboard samples	Lith. unit	Structure	Vesicularity (%)	Phenocrysts abundance (%)	Groundmass grain size (mm)	Magnetic intensity	Magnetic susceptibility (x10 ⁻⁵ SI)	Reflectance L*	Description
716.2	0			↑		1								<p>UNIT: 1 PIECE: 1 LITHOLOGY: pyroxene plagioclase phyric basalt VOLCANIC DESCRIPTION: massive unit (possibly sill) TEXTURE: moderately to highly phyric COLOR: light gray PHENOCRYSTS: 6% pyroxene, 5% plagioclase GROUNDMASS: medium grained VESICLES: non vesicular UPPER CONTACT: not recovered (first appearance of igneous unit in Section 60R-7, 91 cm) LOWER CONTACT: not recovered (chilled, aphanitic margin a bottom of 64R-3 (Piece 4) ALTERATION: fresh to slightly altered (gm feldspar well preserved)</p>
716.3														
716.3														
716.3														
716.3	10													
716.4														
716.4														
716.4														
716.4	20													
716.5														

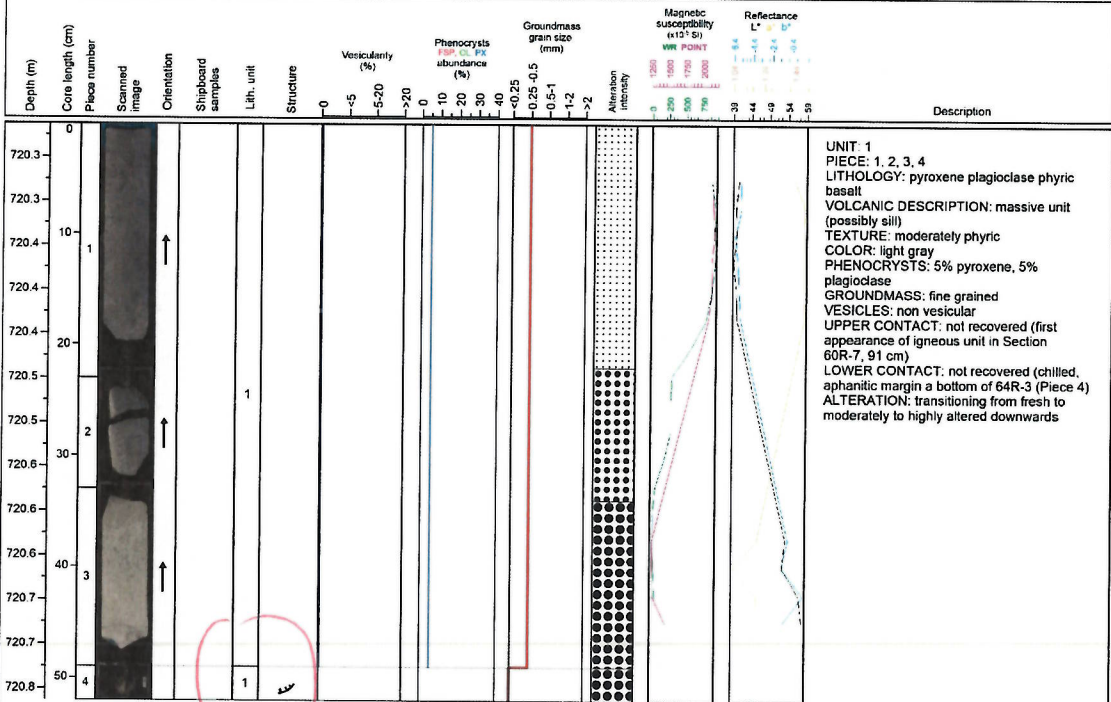
Hole 392-U1579D-64R Section 1, Top of Section: 717.5 m (CSF-A)



Hole 392-U1579D-64R Section 2, Top of Section: 718.87 m (CSF-A)



Hole 392-U1579D-64R Section 3, Top of Section: 720.25 m (CSF-A)



why dividing line

