BHTV DATA PROCESSING
RGLDIP vsn 6.2
INTERPRETED BHTV DIPS LOG

13 May 2008

CH2M HILL

Borehole: A-8

PEF-LNP COLA

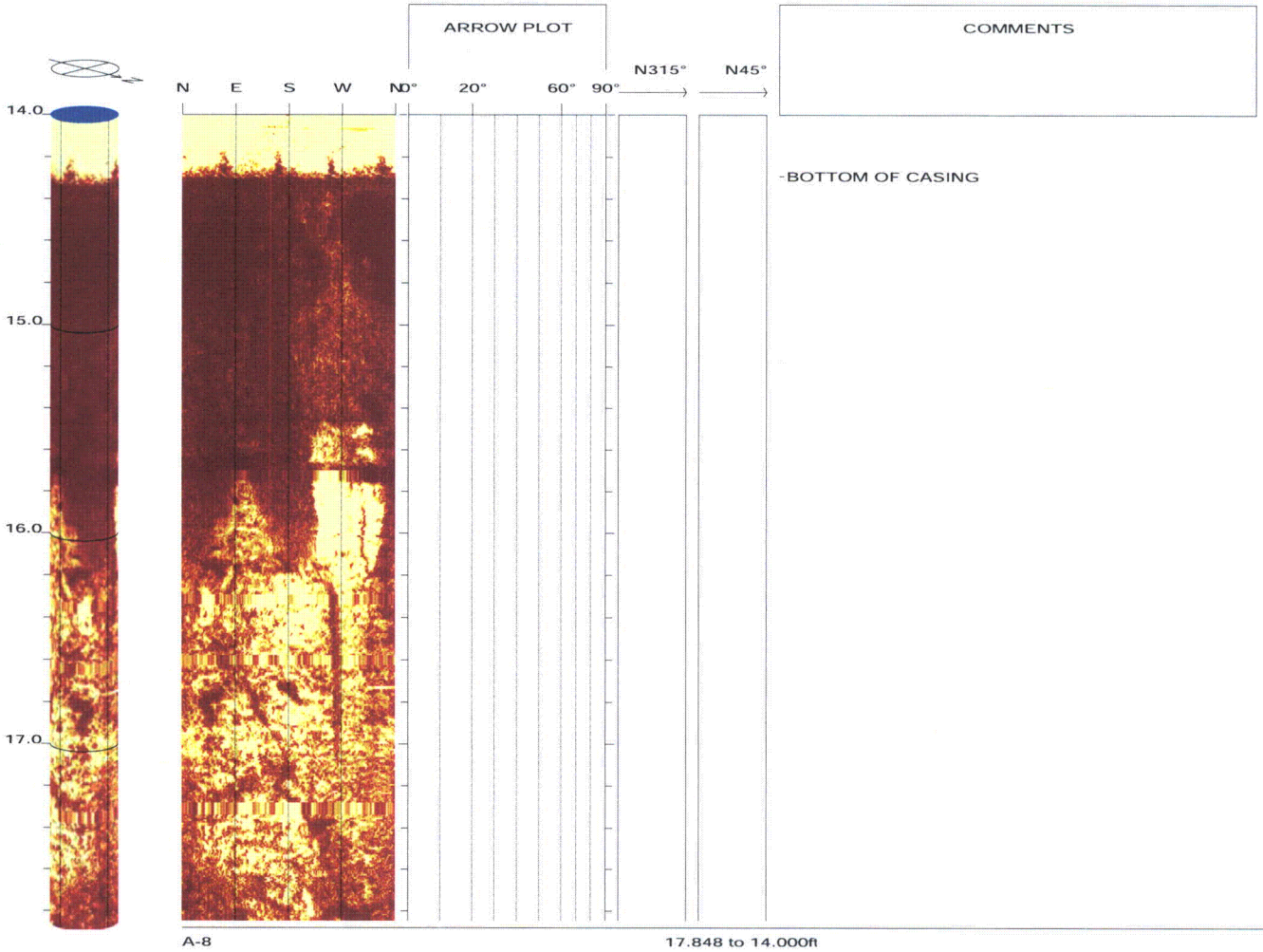
top of borehole.....
East: _
North: _
Elev: _

North ref. is true
Depth units are feet
Vertical scale: 1/10
Horiz scale = 1.00x Vert scale

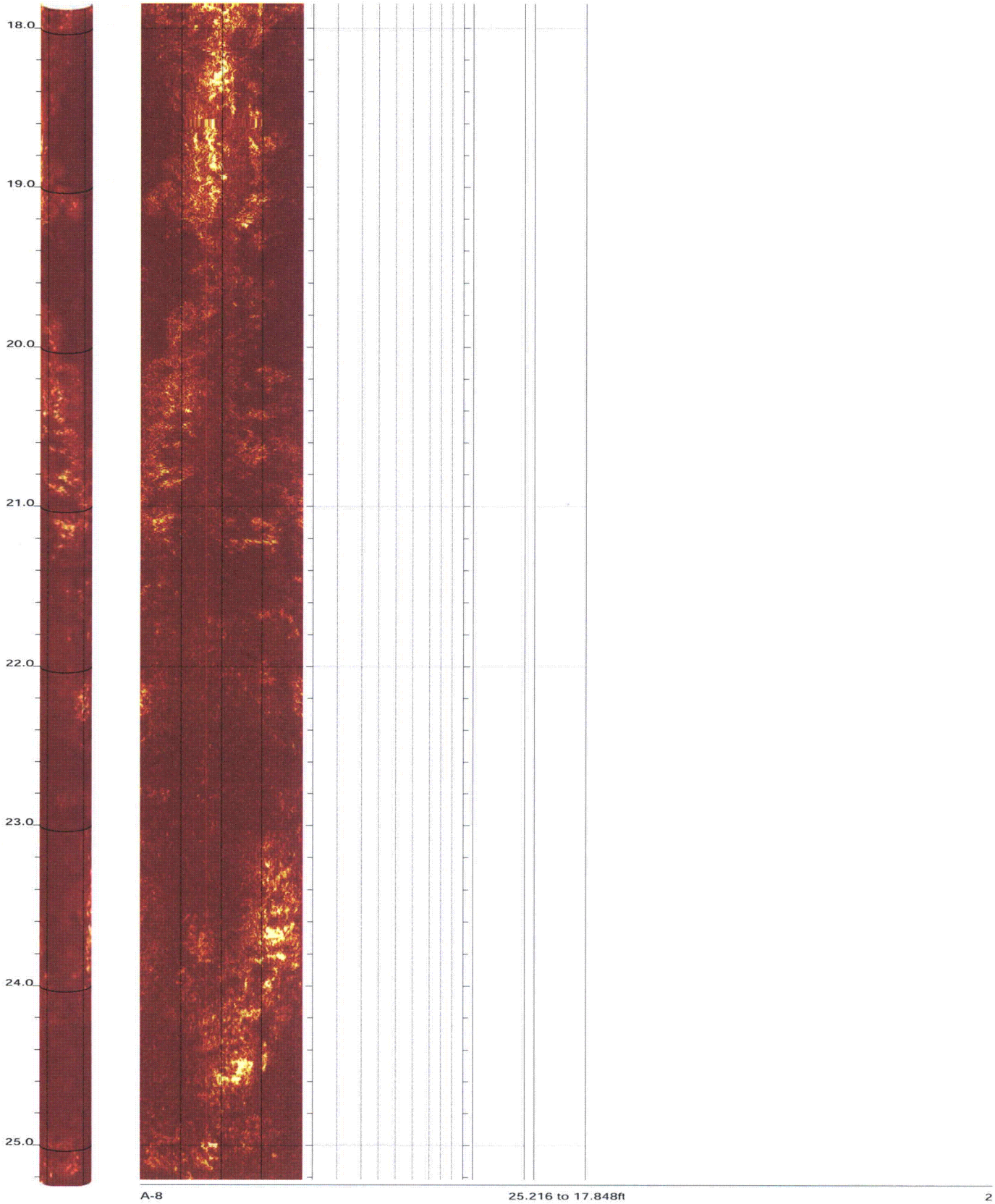
Zone from 260.400 to 14.000ft
Format: BHTV-NESWN

Borehole diam: 3.864inch
Vertical = borehole-axis
Image: Amplitude

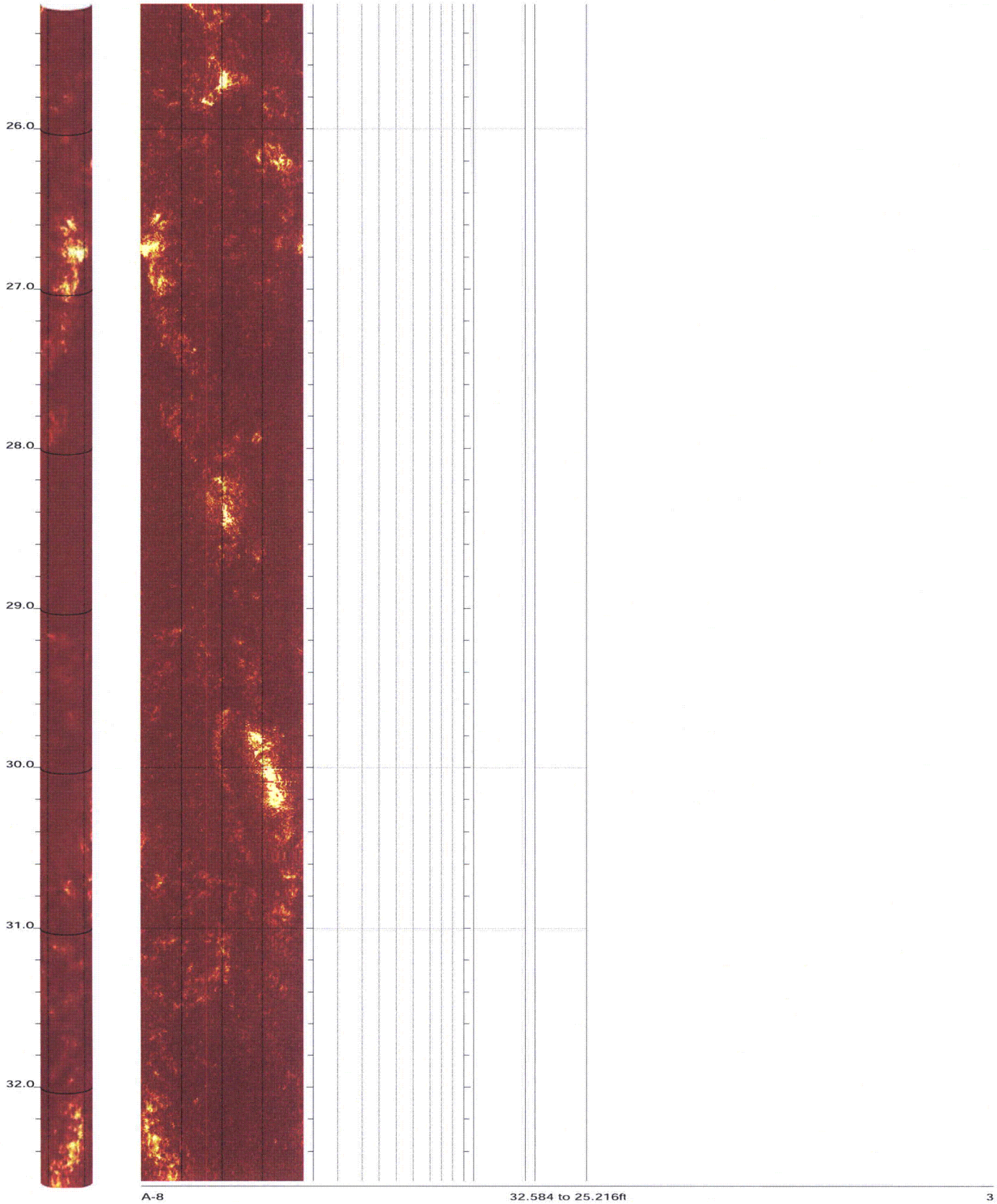
Stratigraphic dips
Non-stratigraphic dips
Identified units



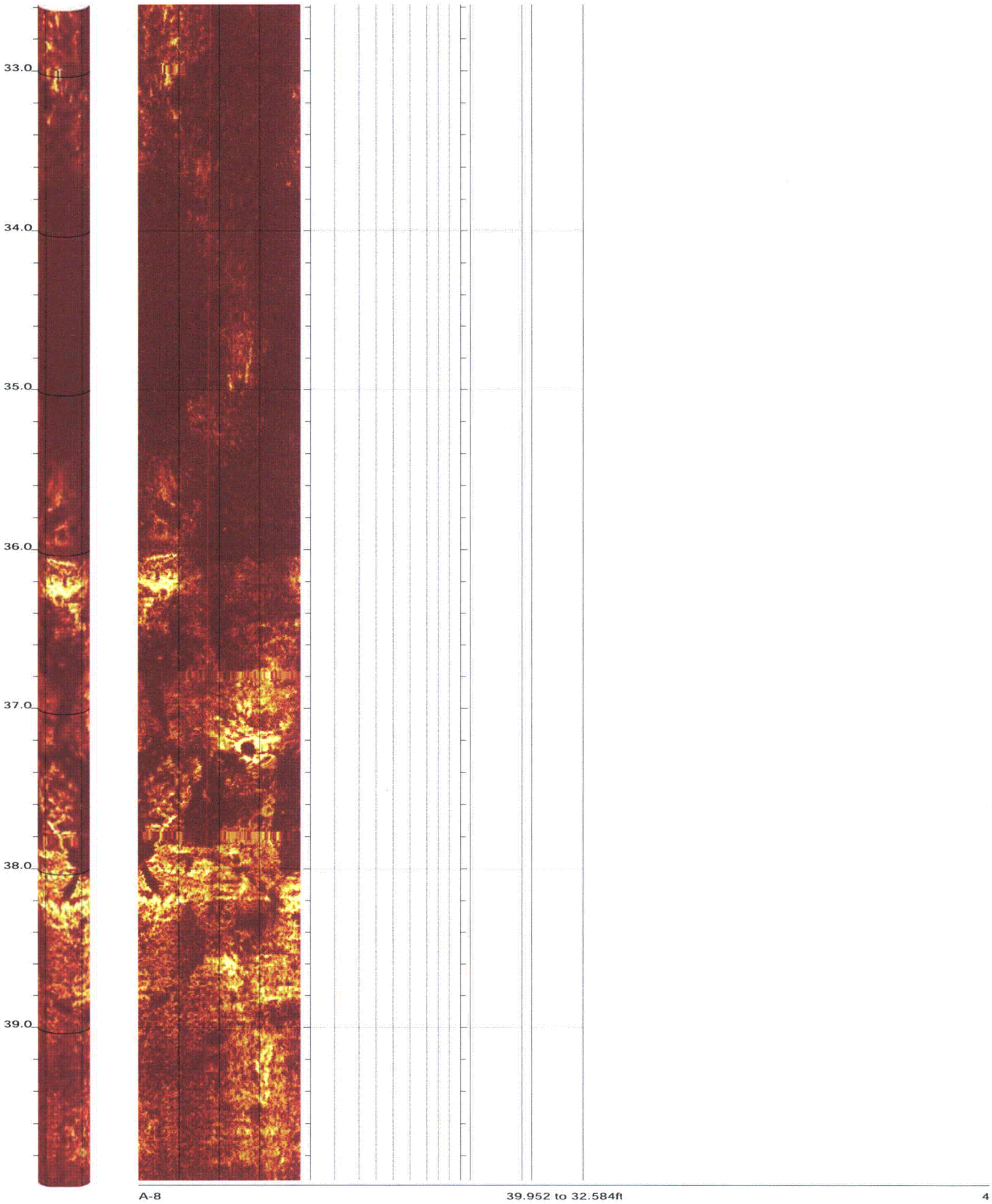
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 1 of 34



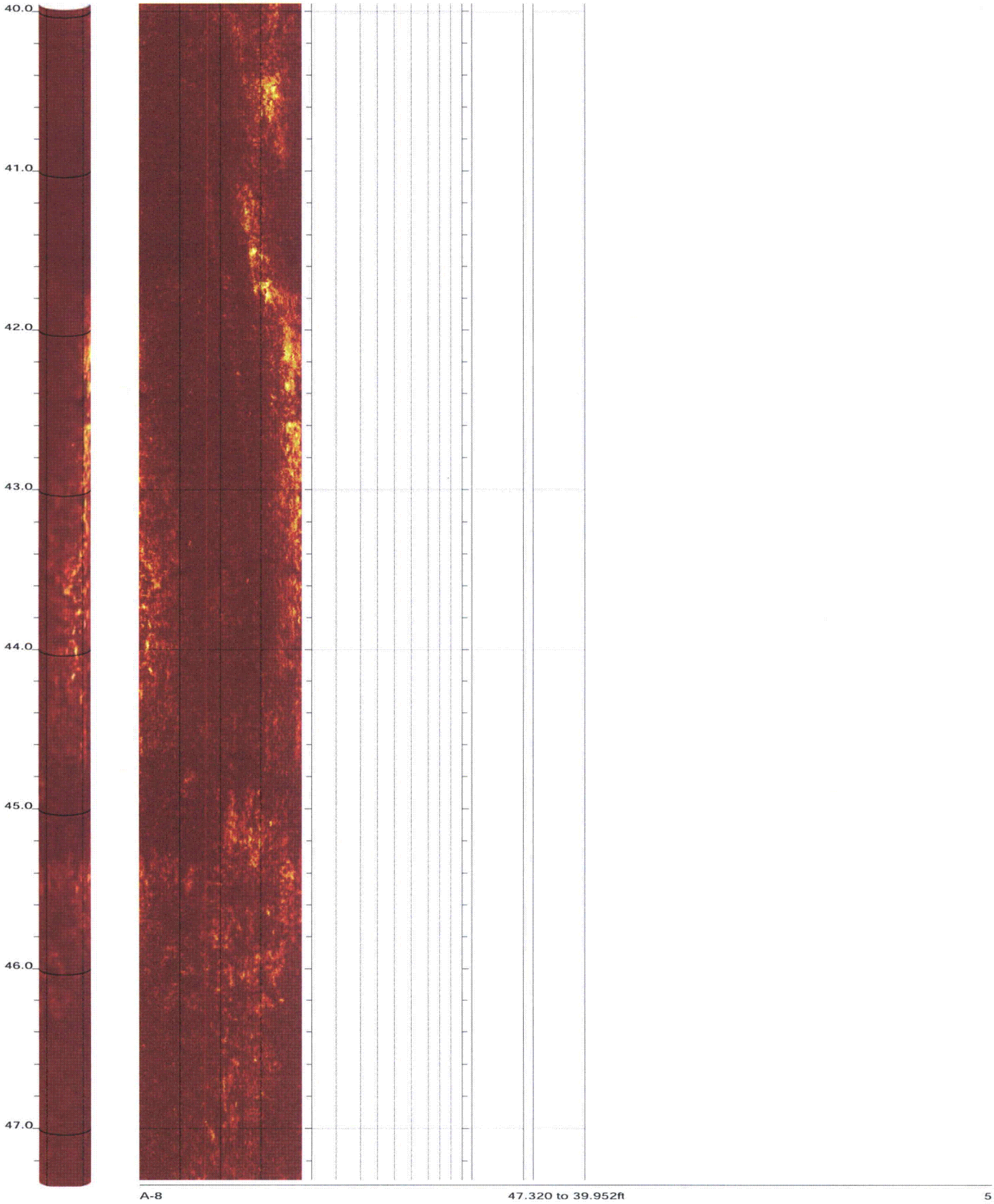
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 2 of 34



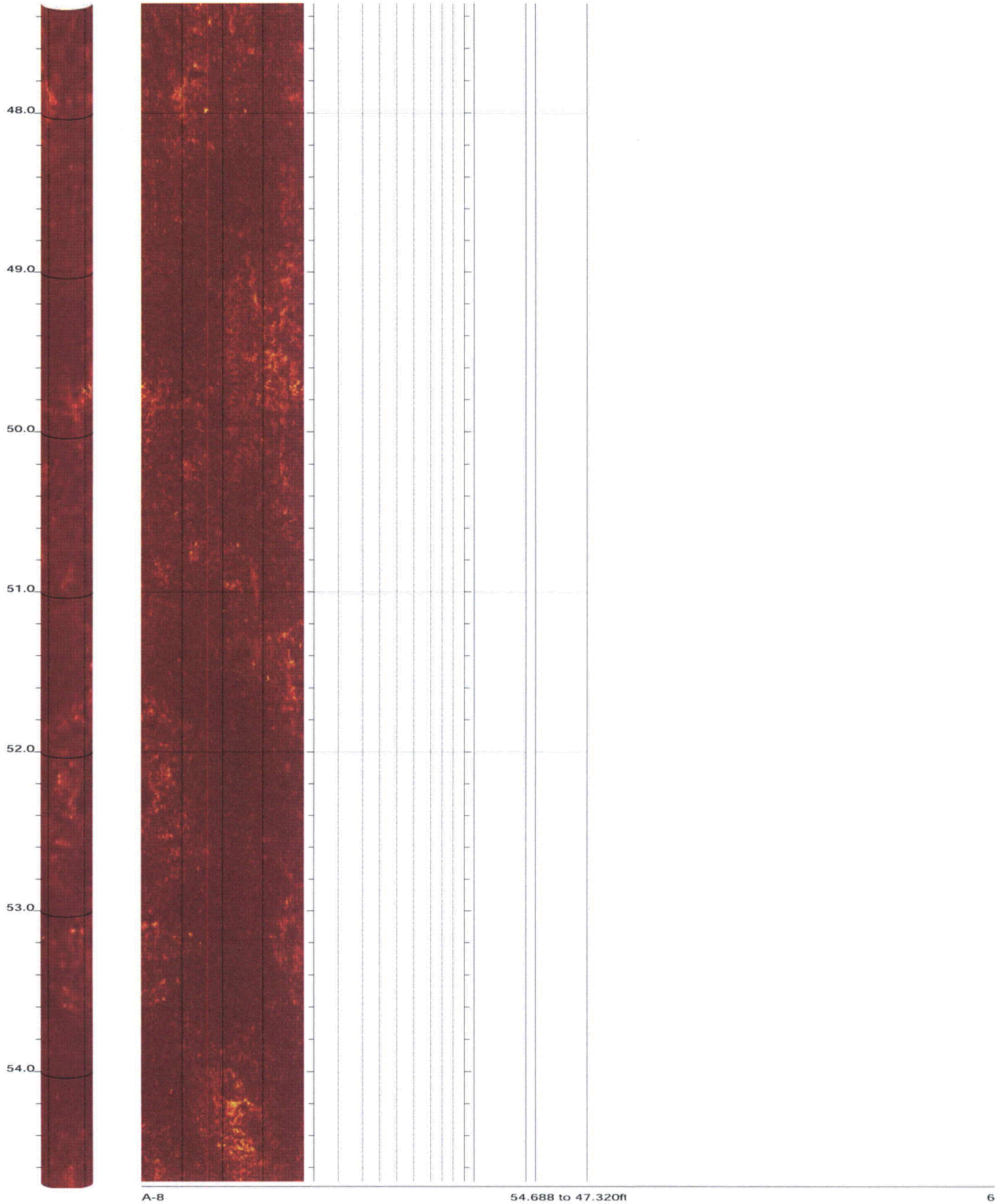
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 3 of 34



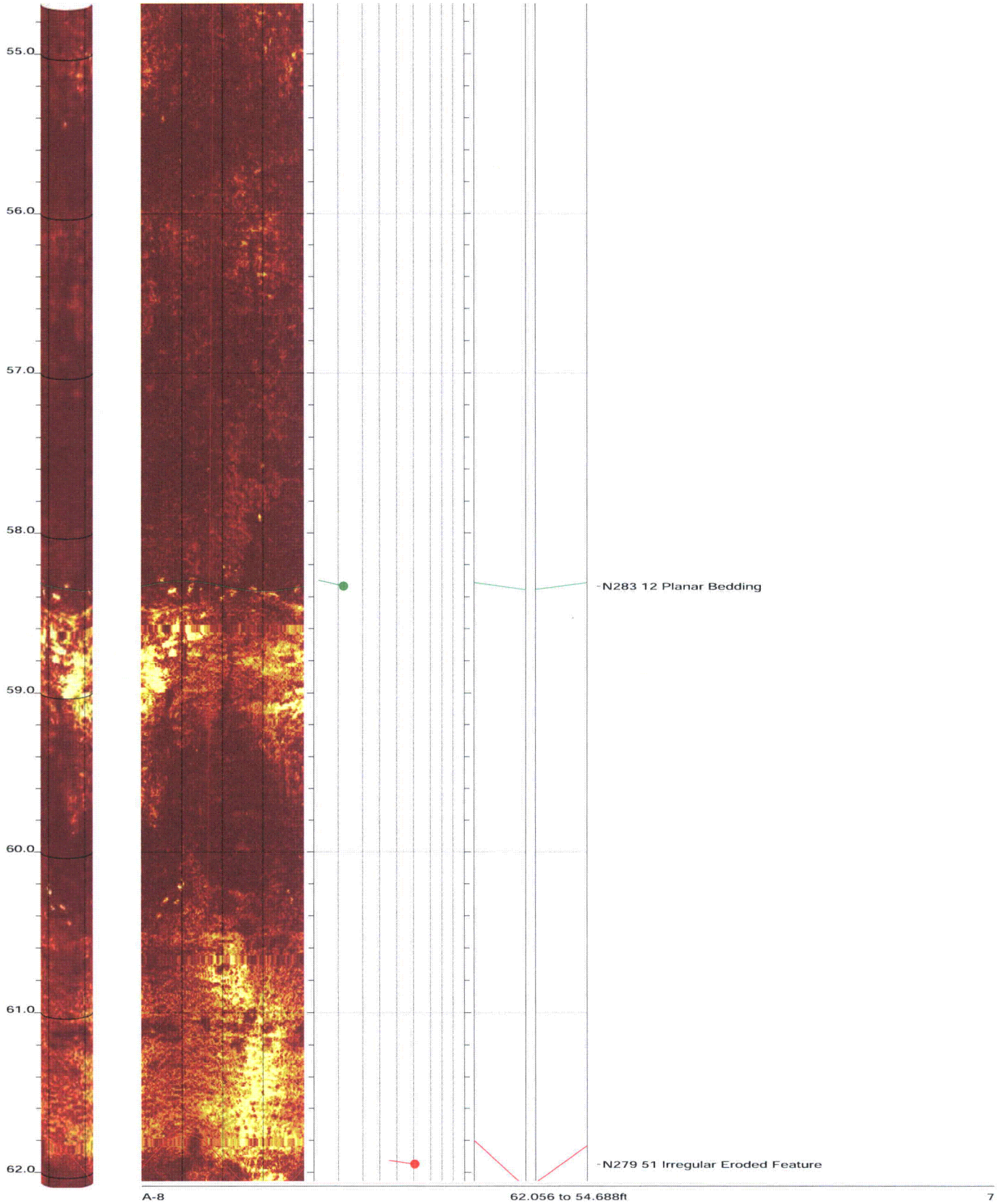
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 4 of 34



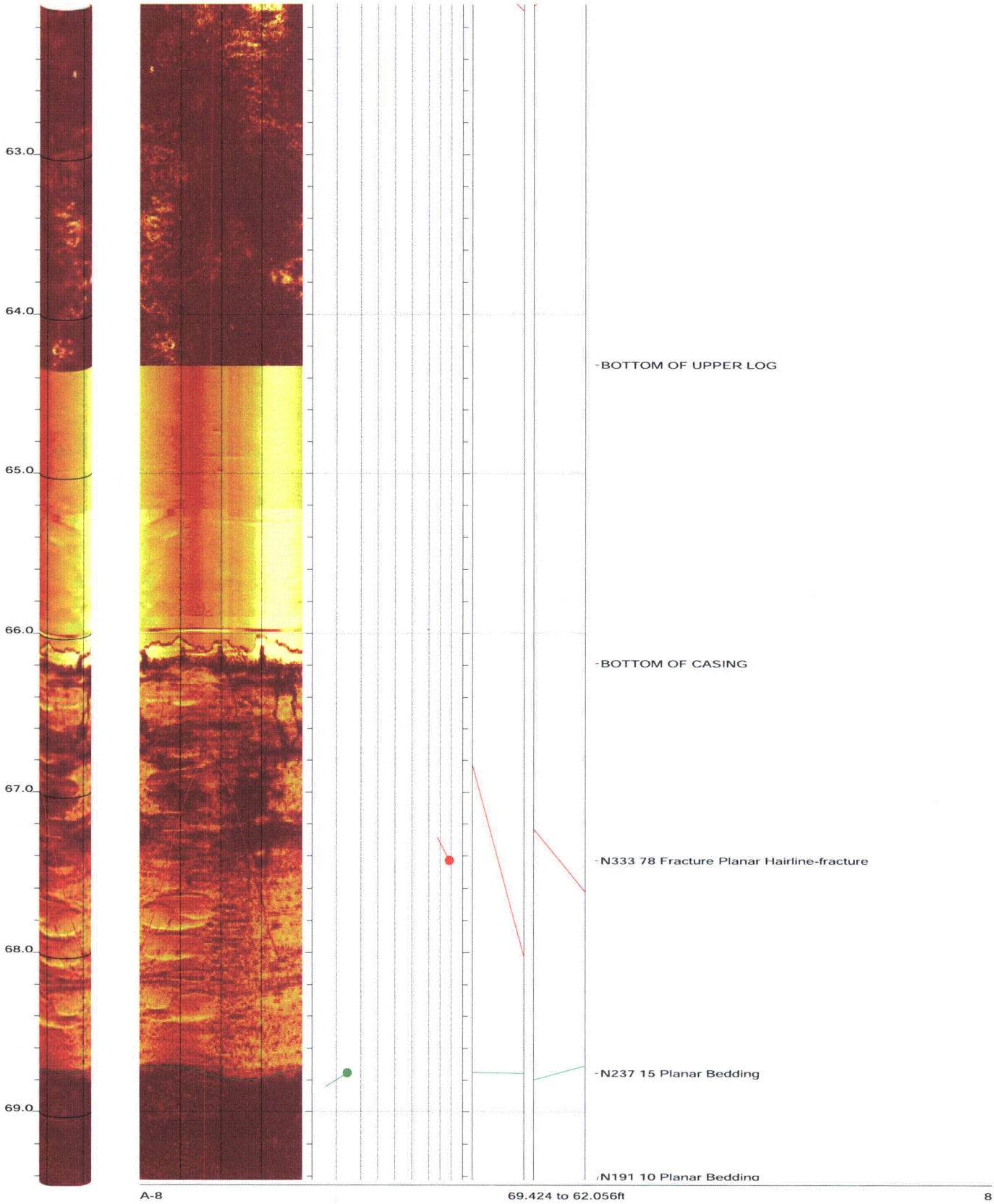
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 5 of 34



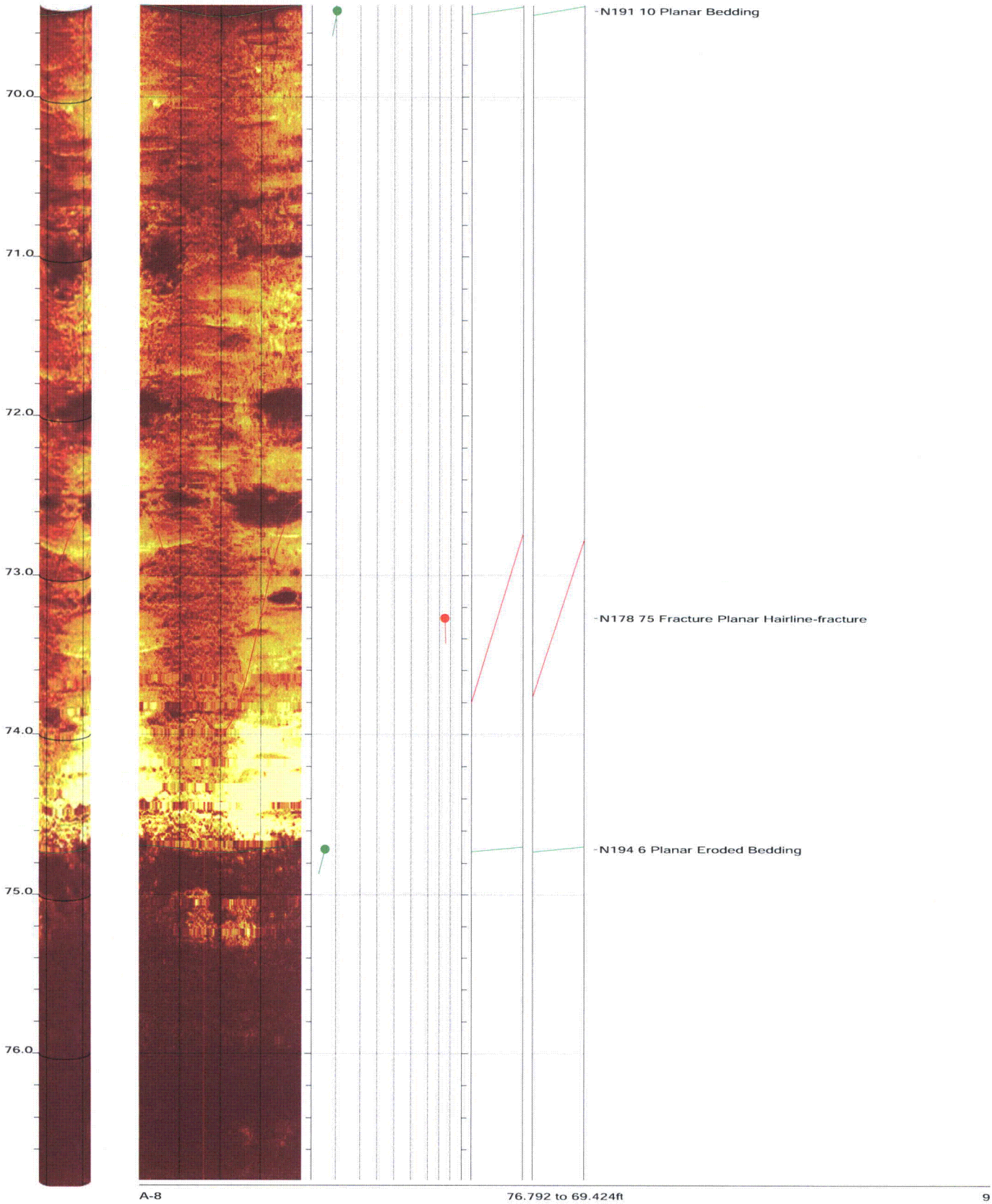
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 6 of 34



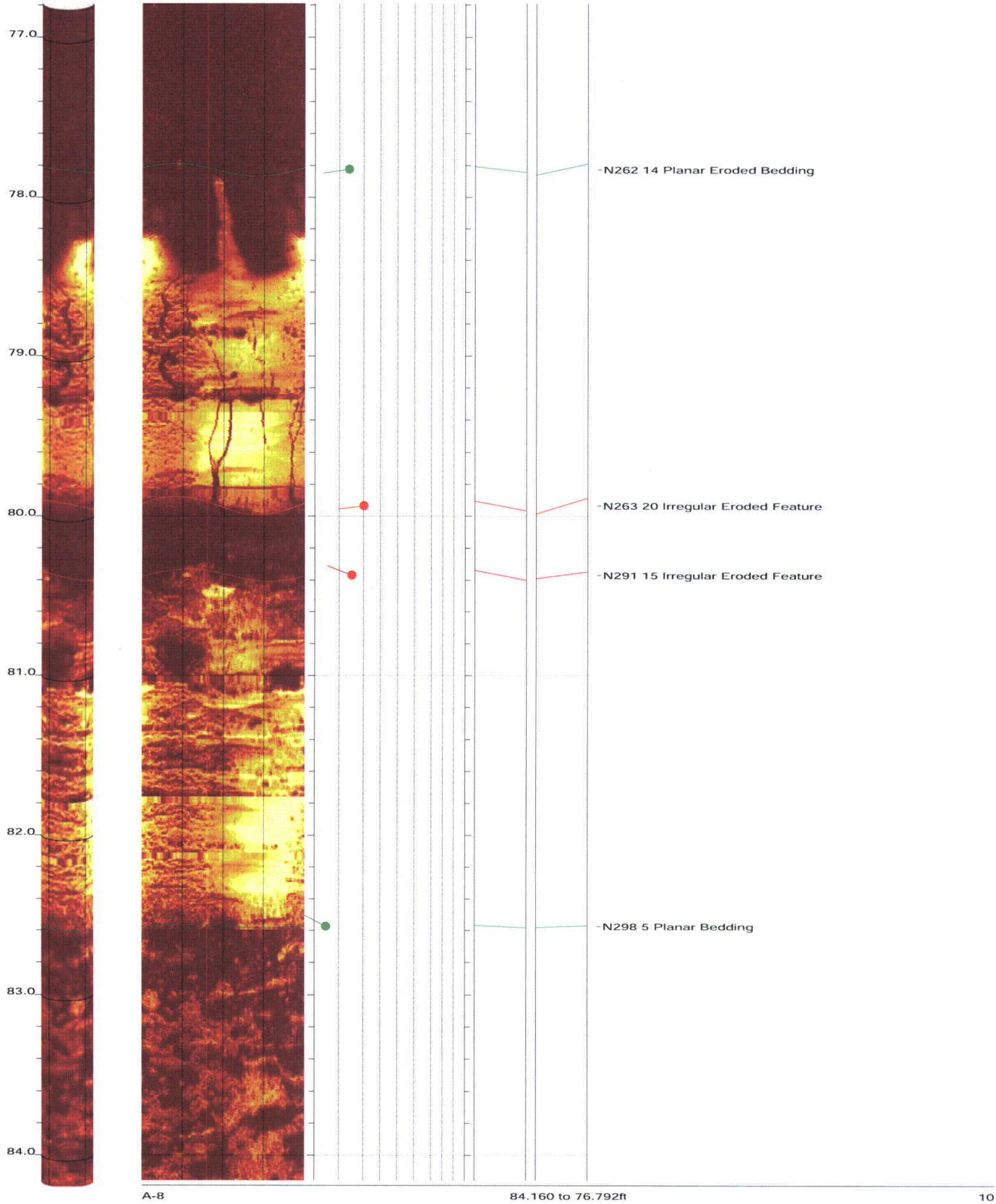
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 7 of 34



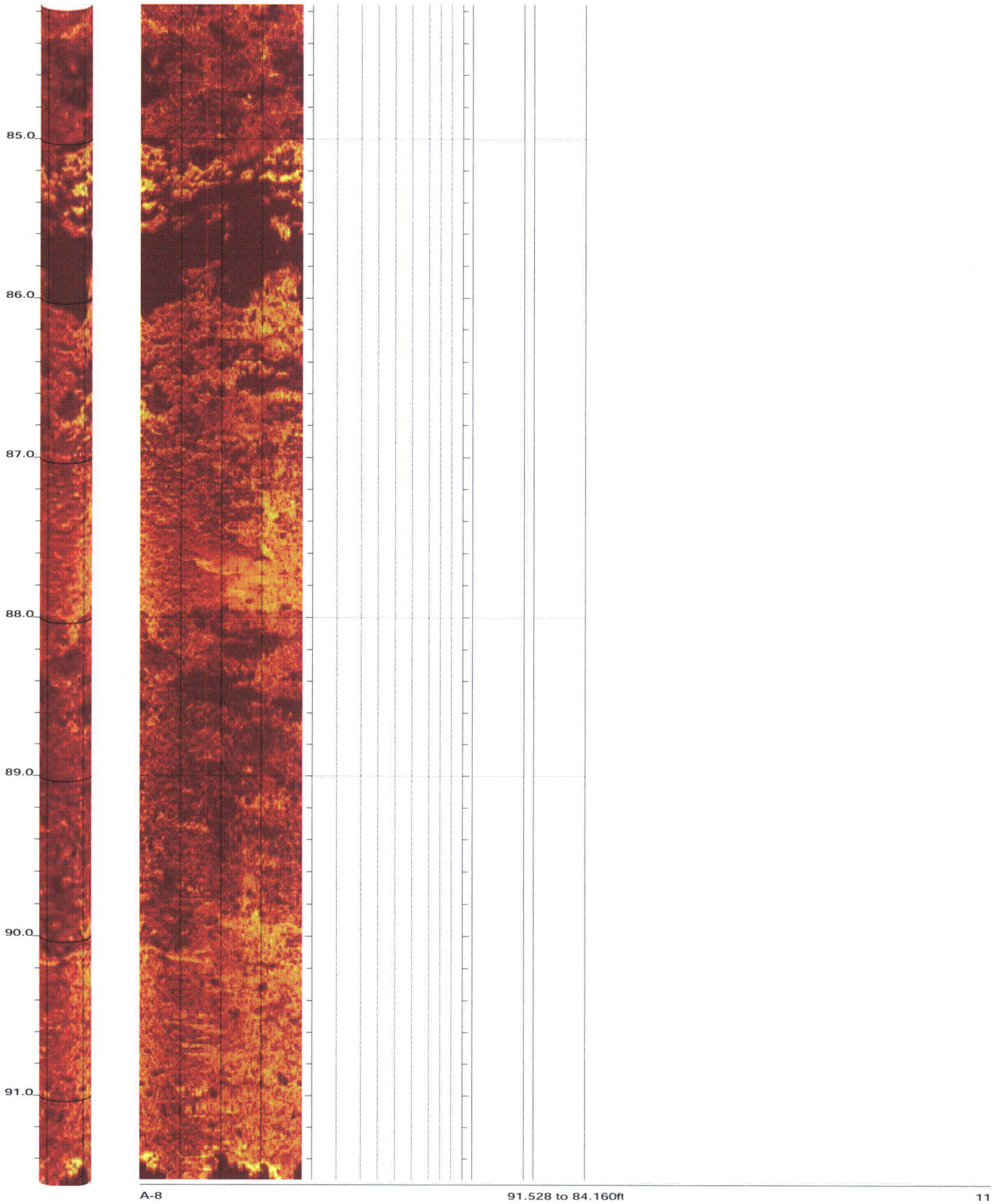
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 8 of 34



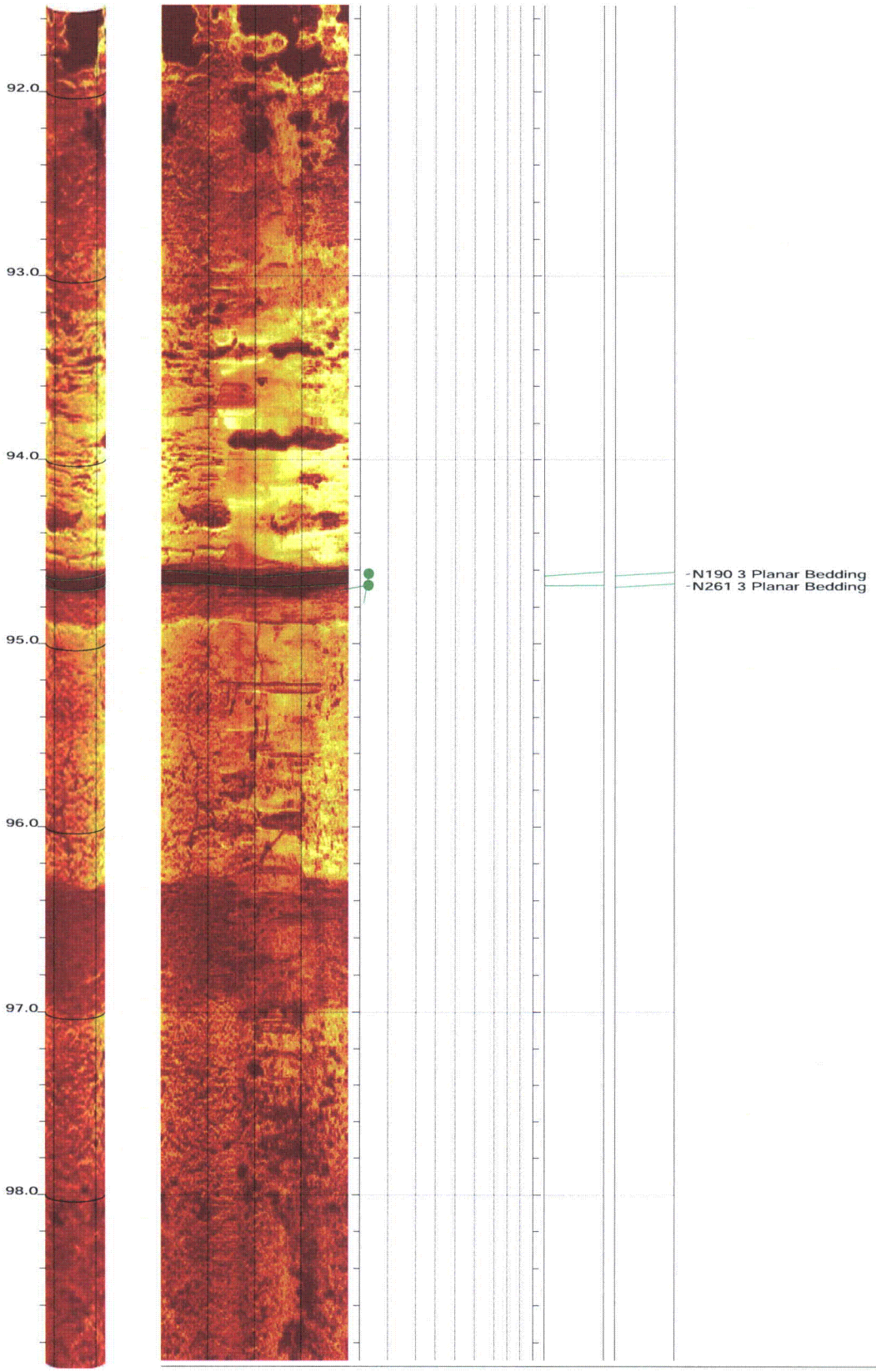
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 9 of 34



PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 10 of 34

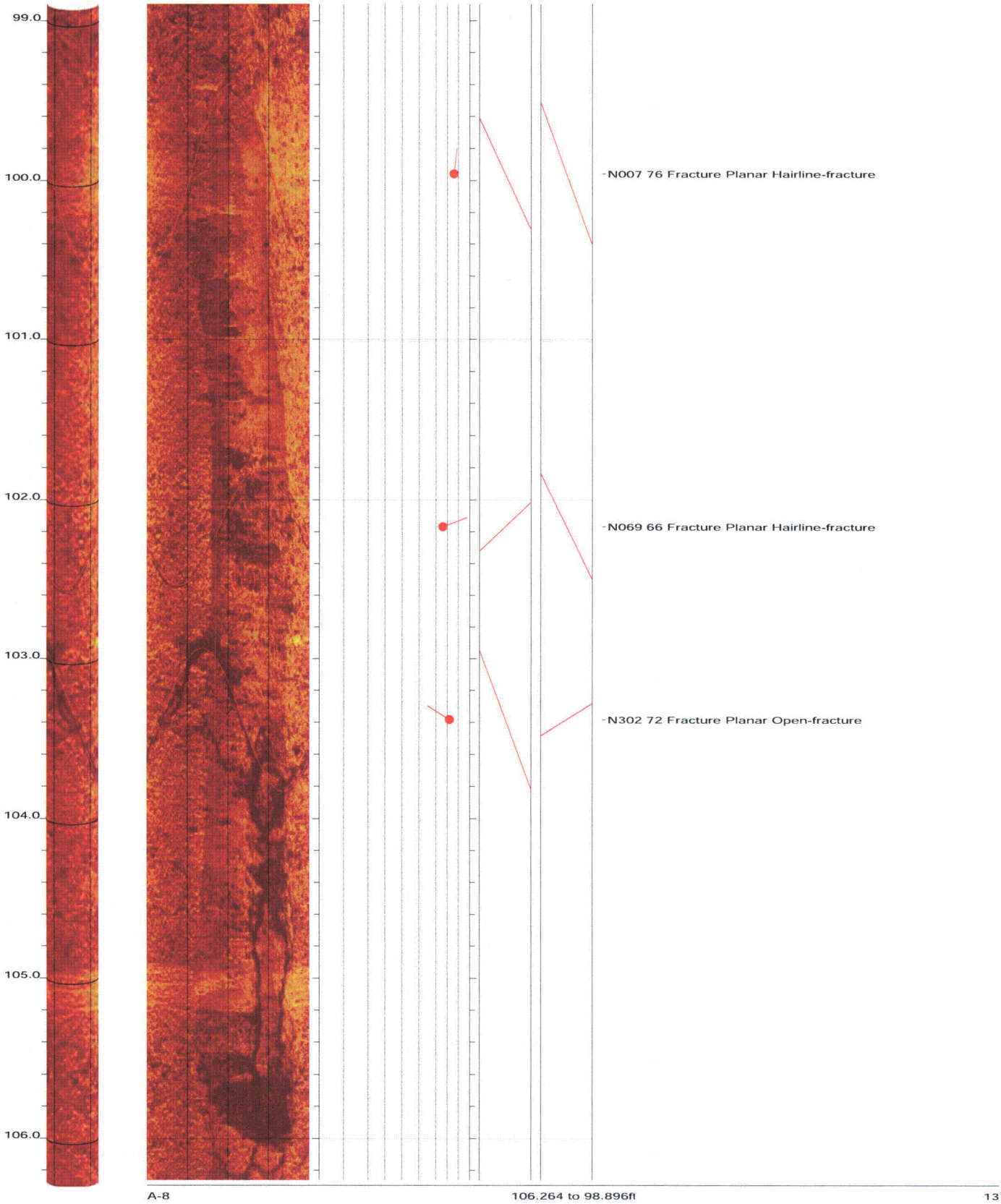


PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 11 of 34

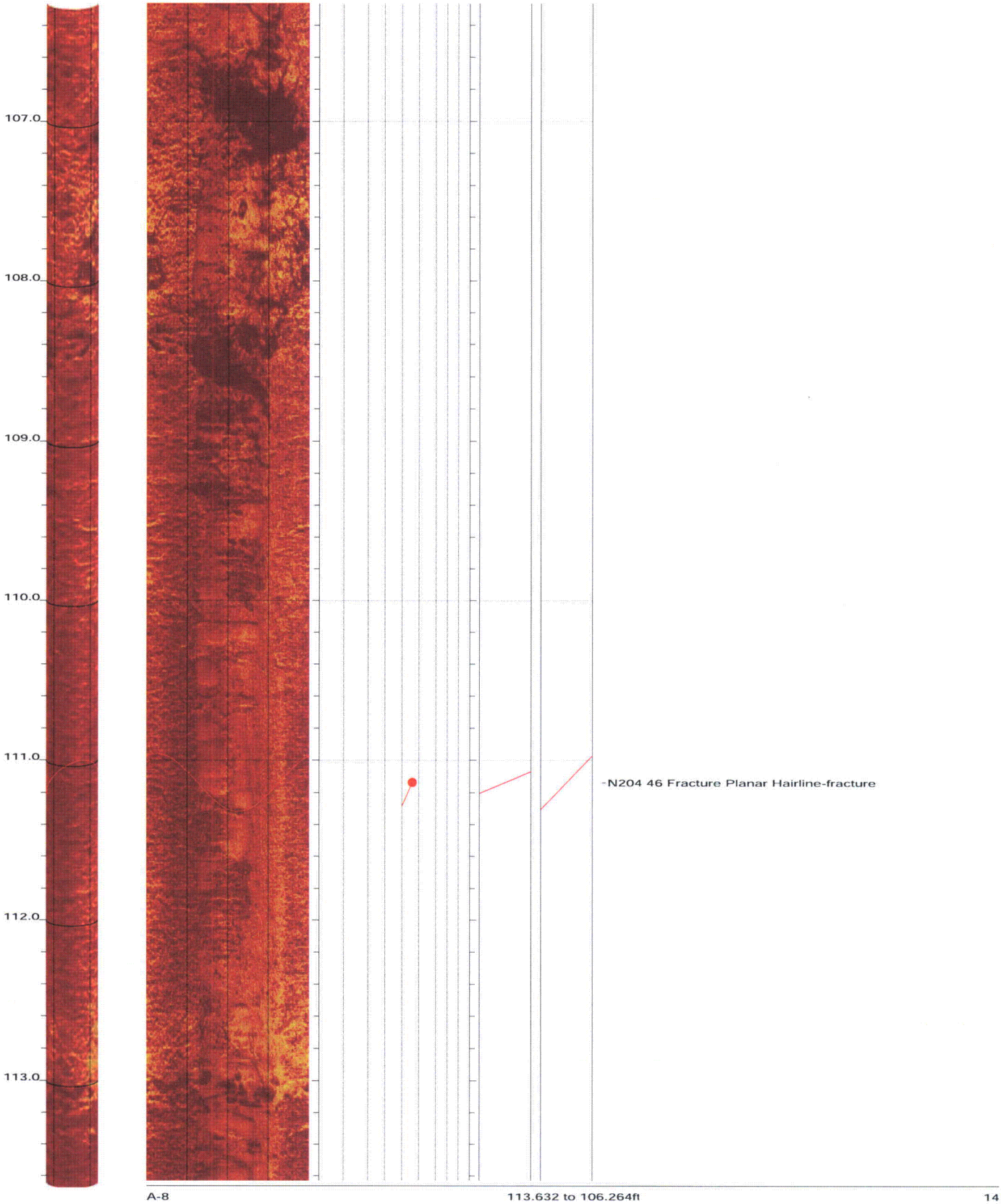


A-8 98.896 to 91.528ft 12

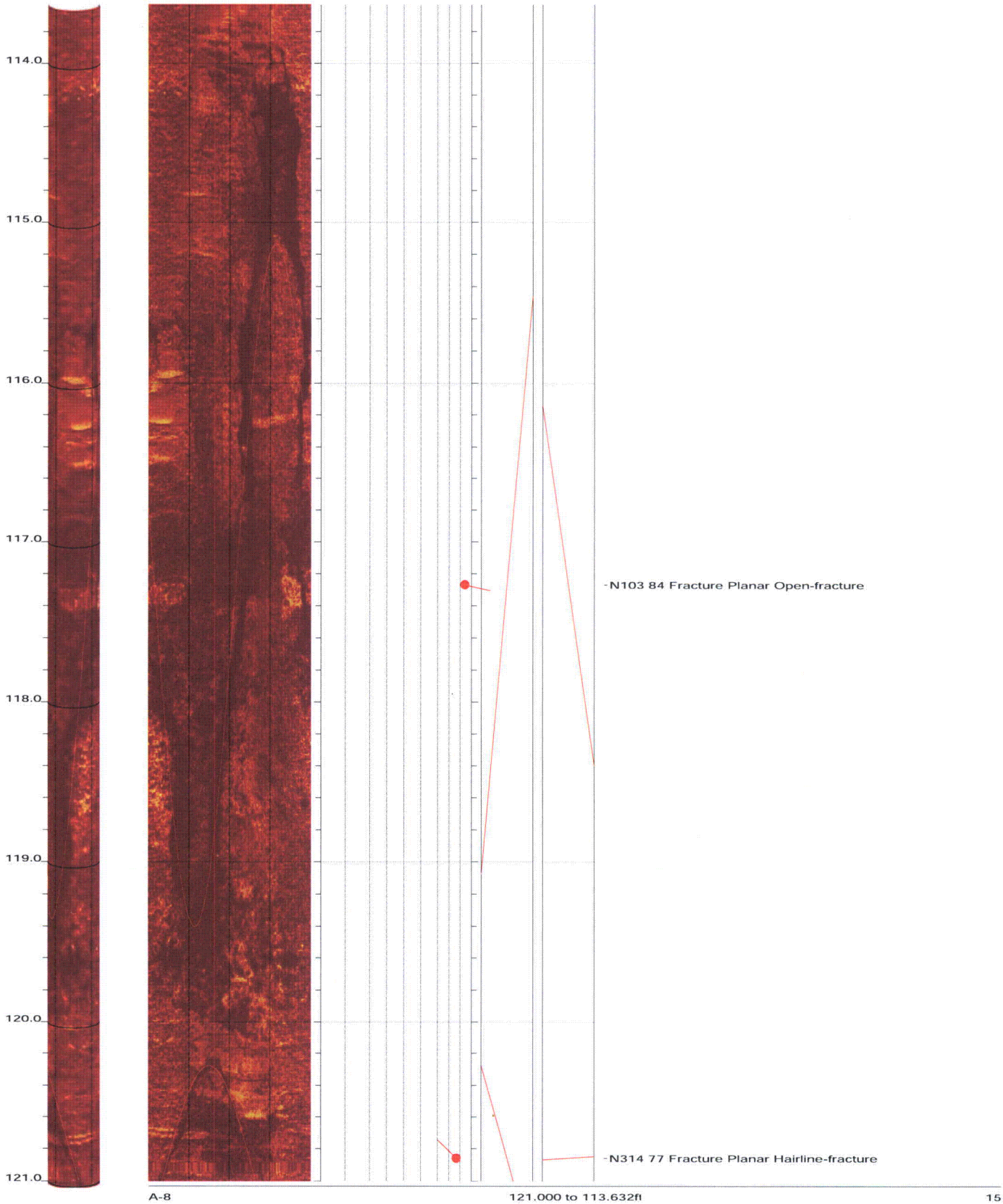
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 12 of 34



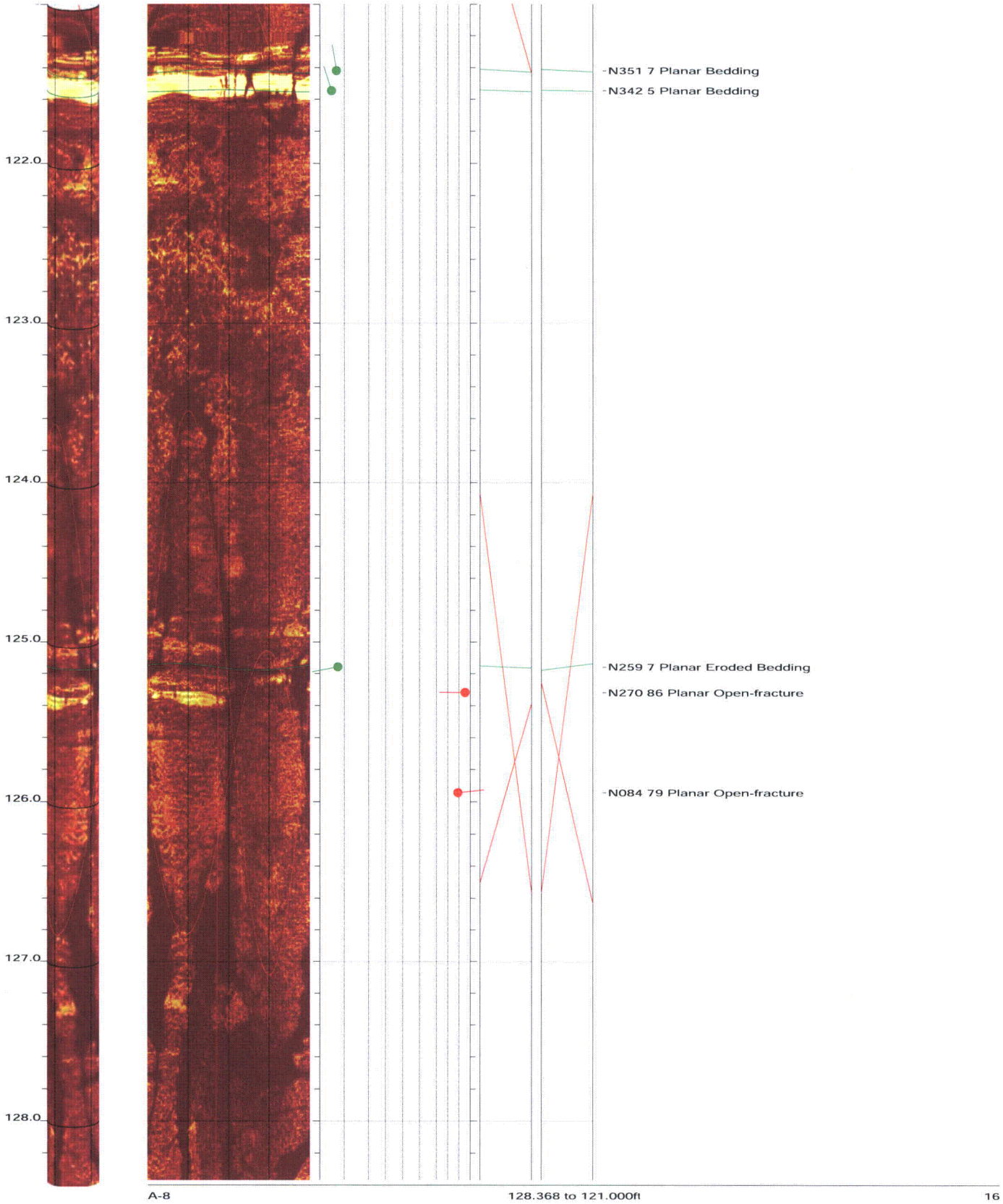
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 13 of 34



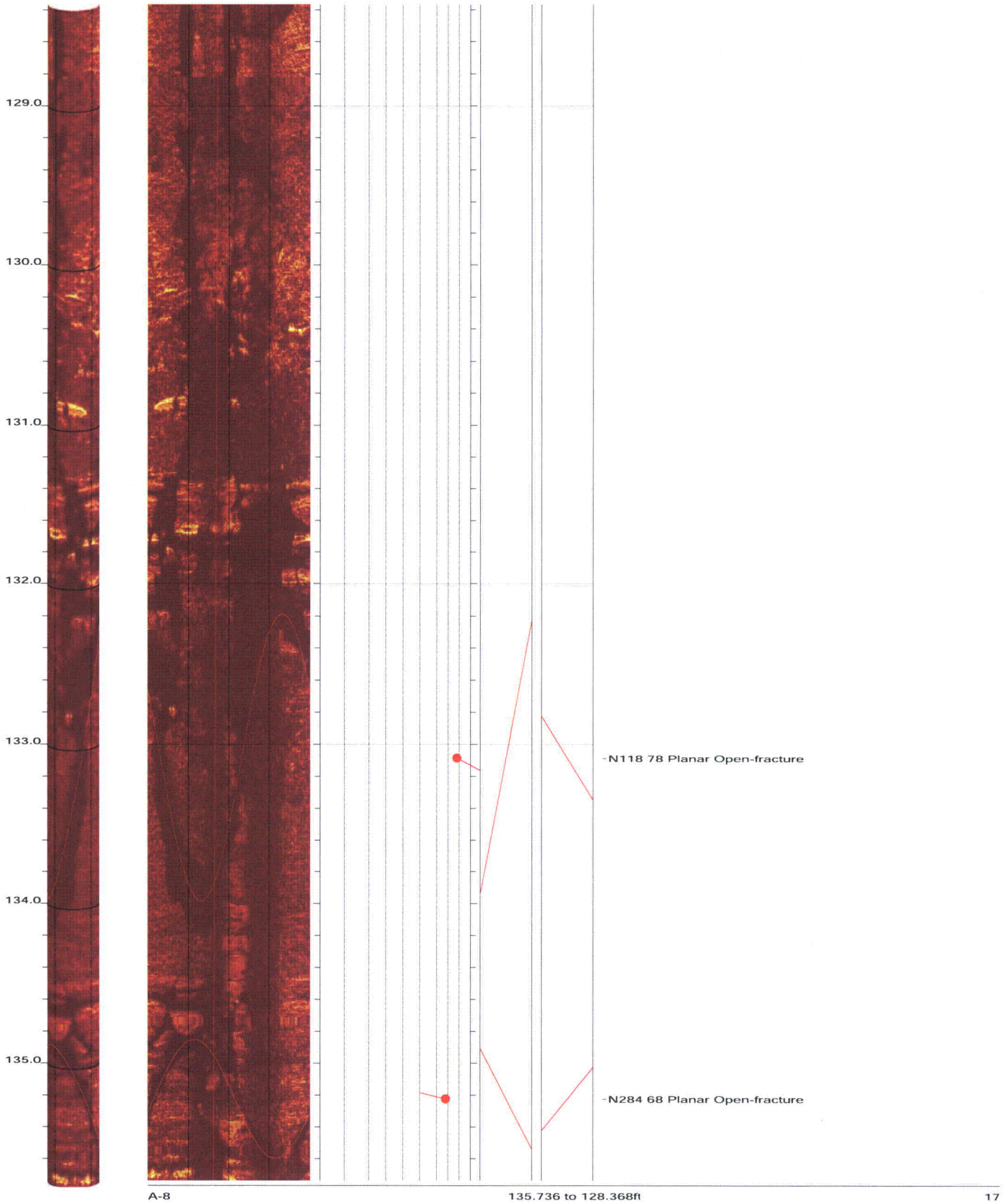
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 14 of 34



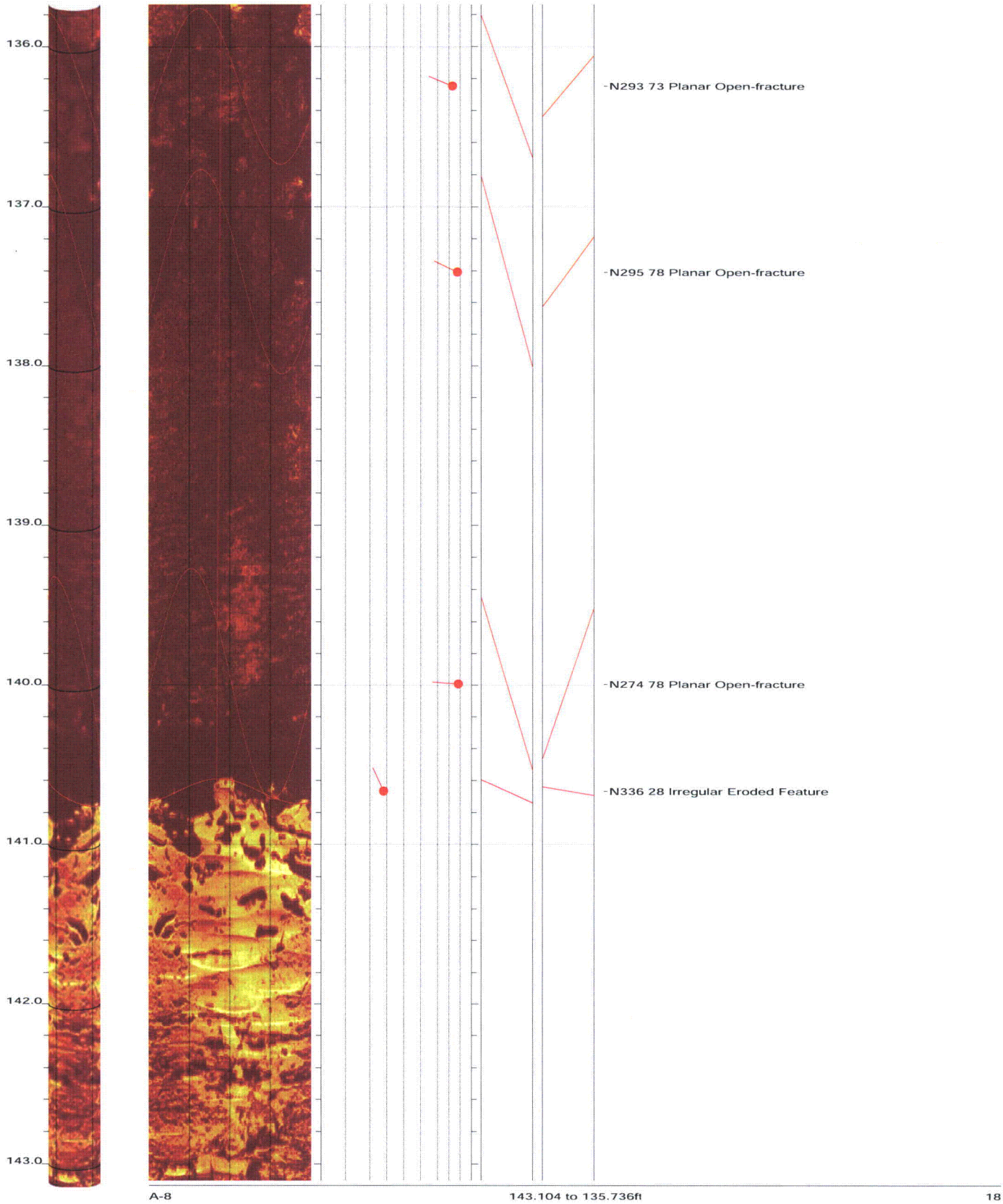
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 15 of 34



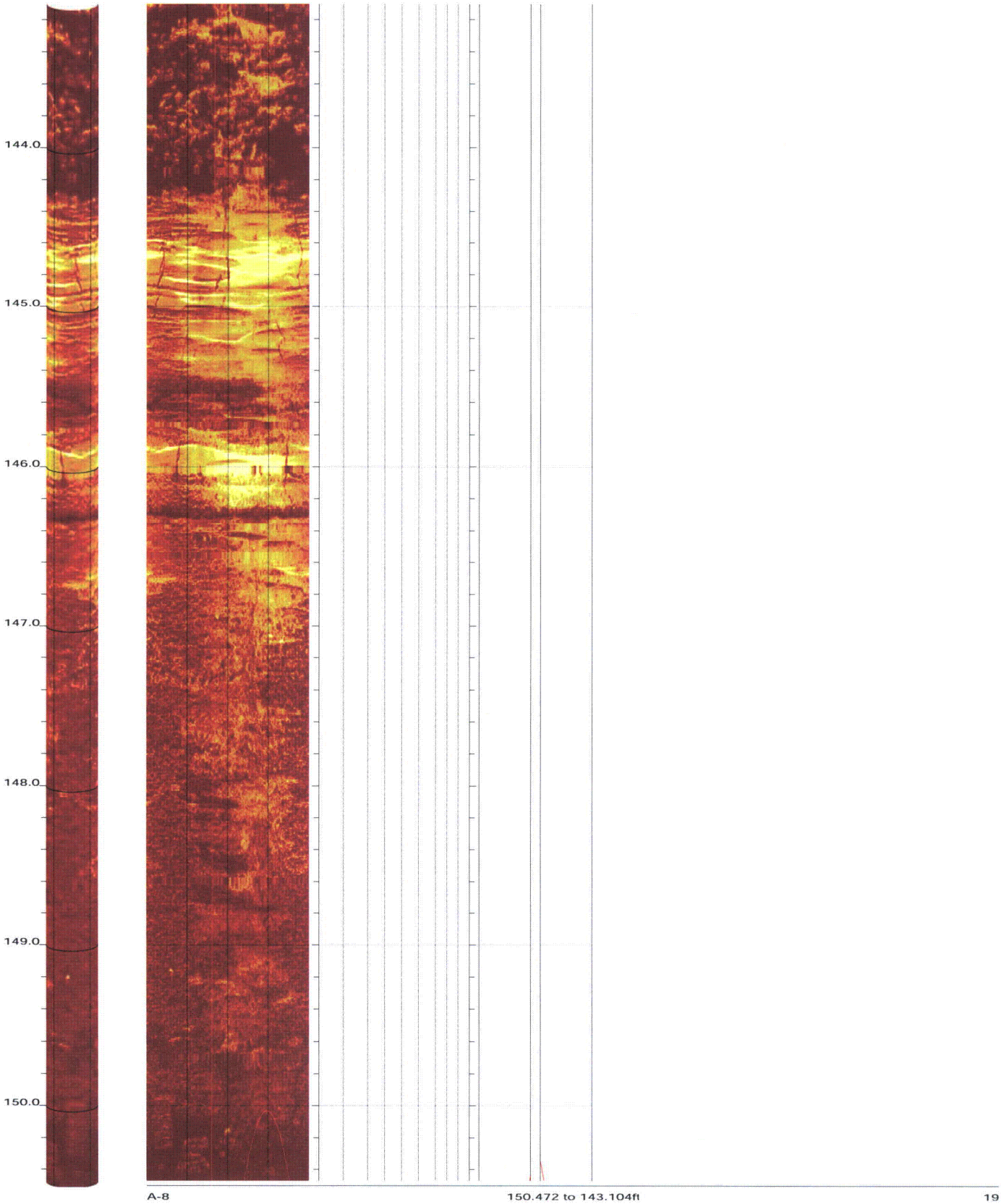
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 16 of 34



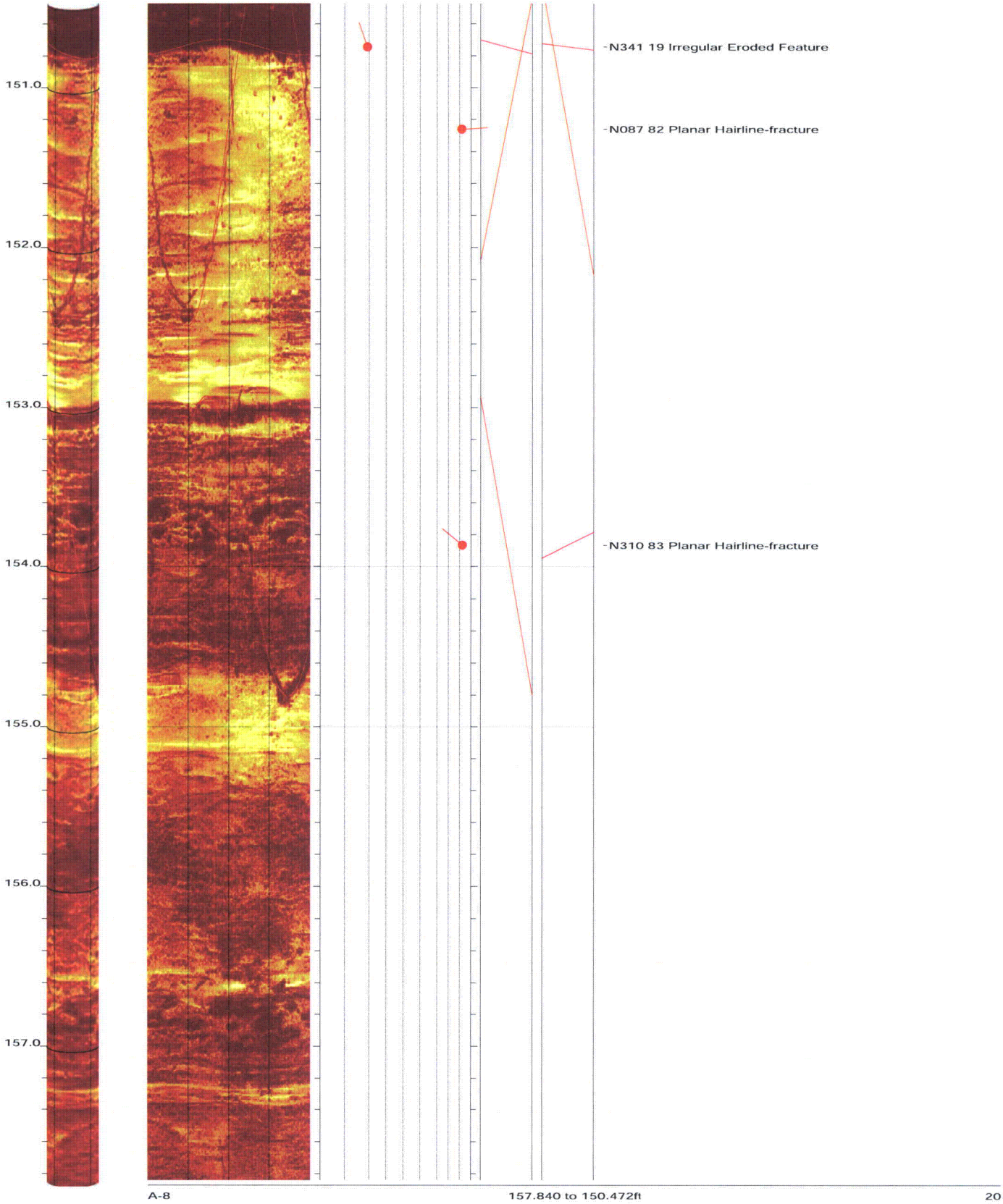
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 17 of 34



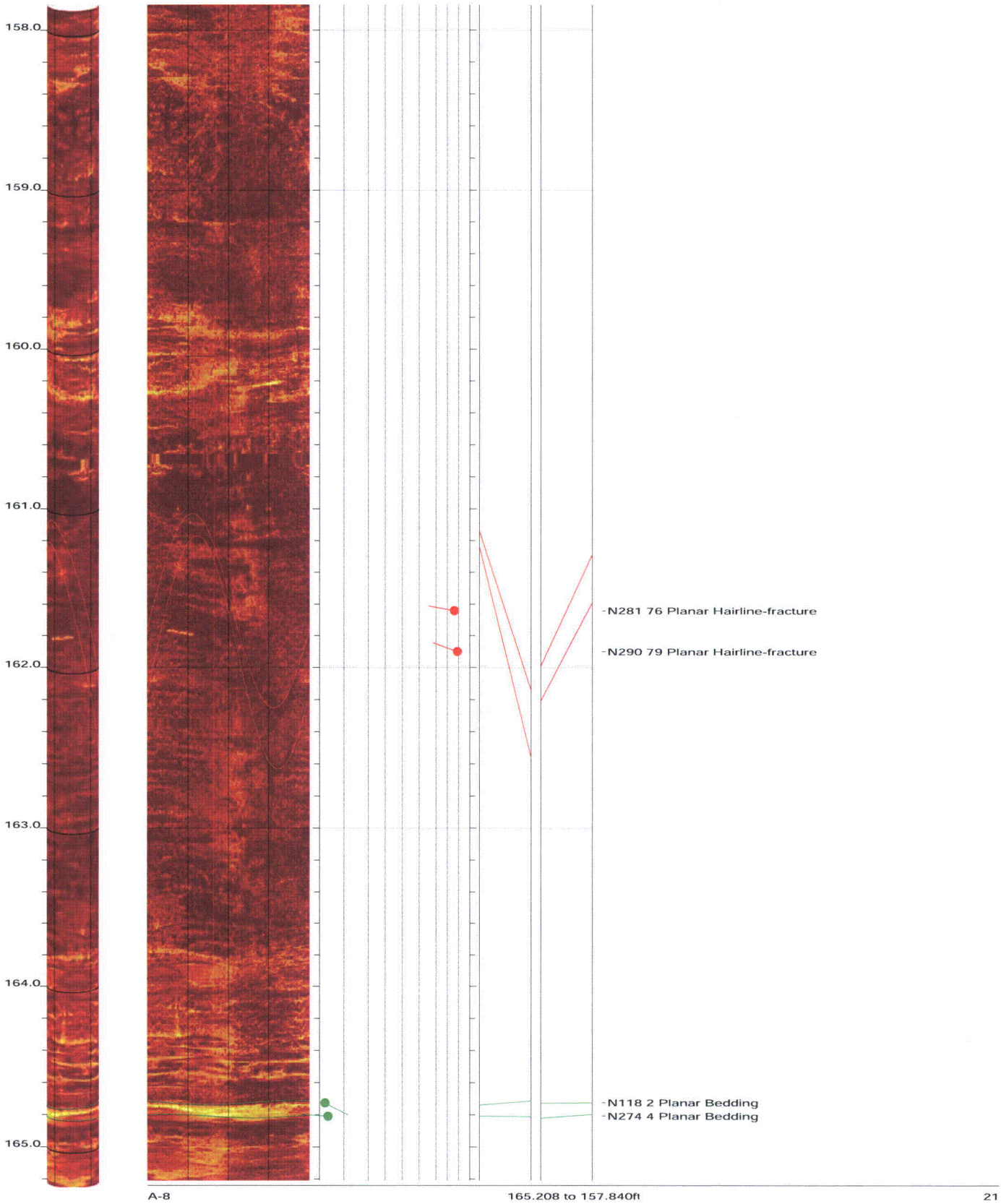
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 18 of 34



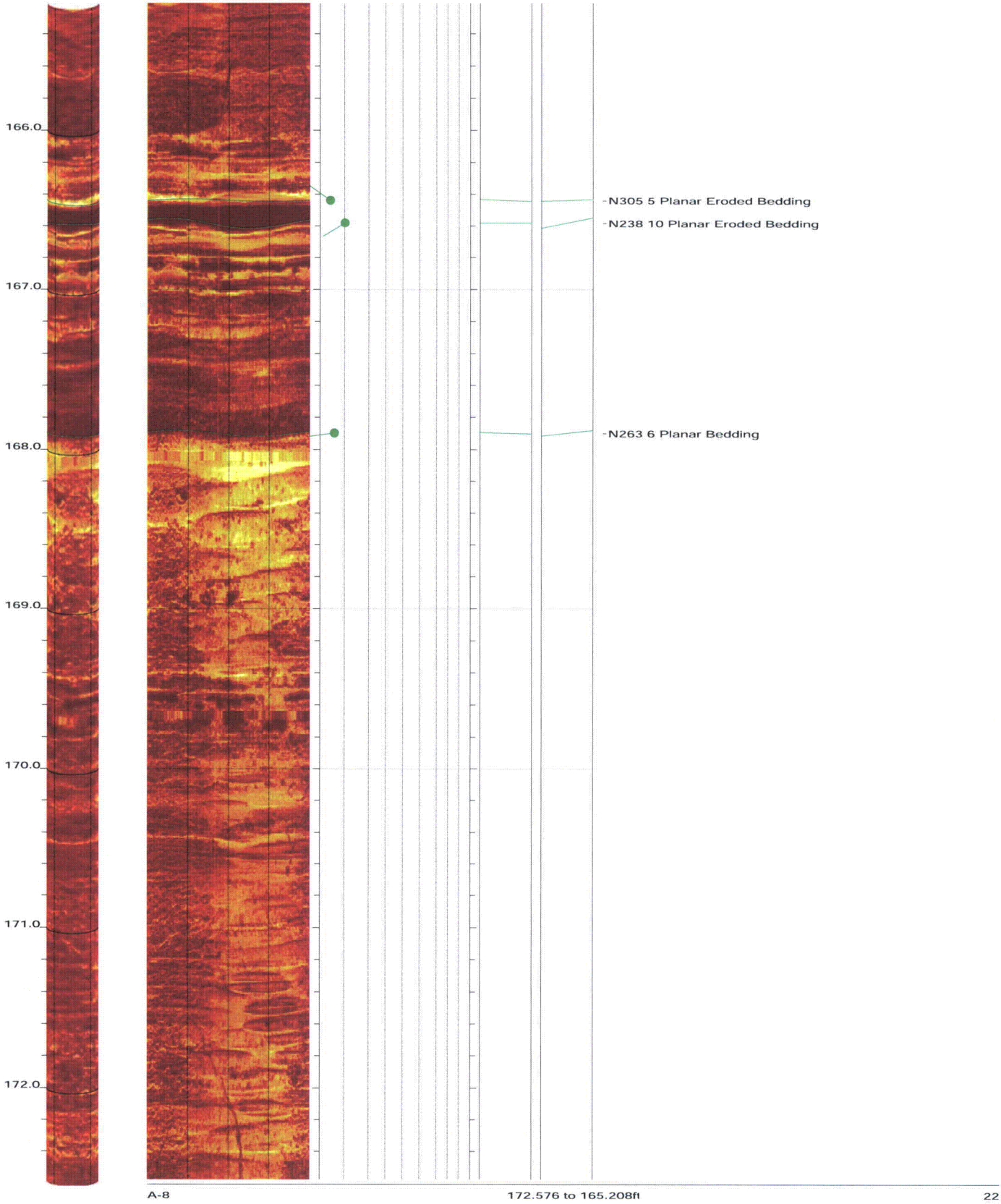
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 19 of 34



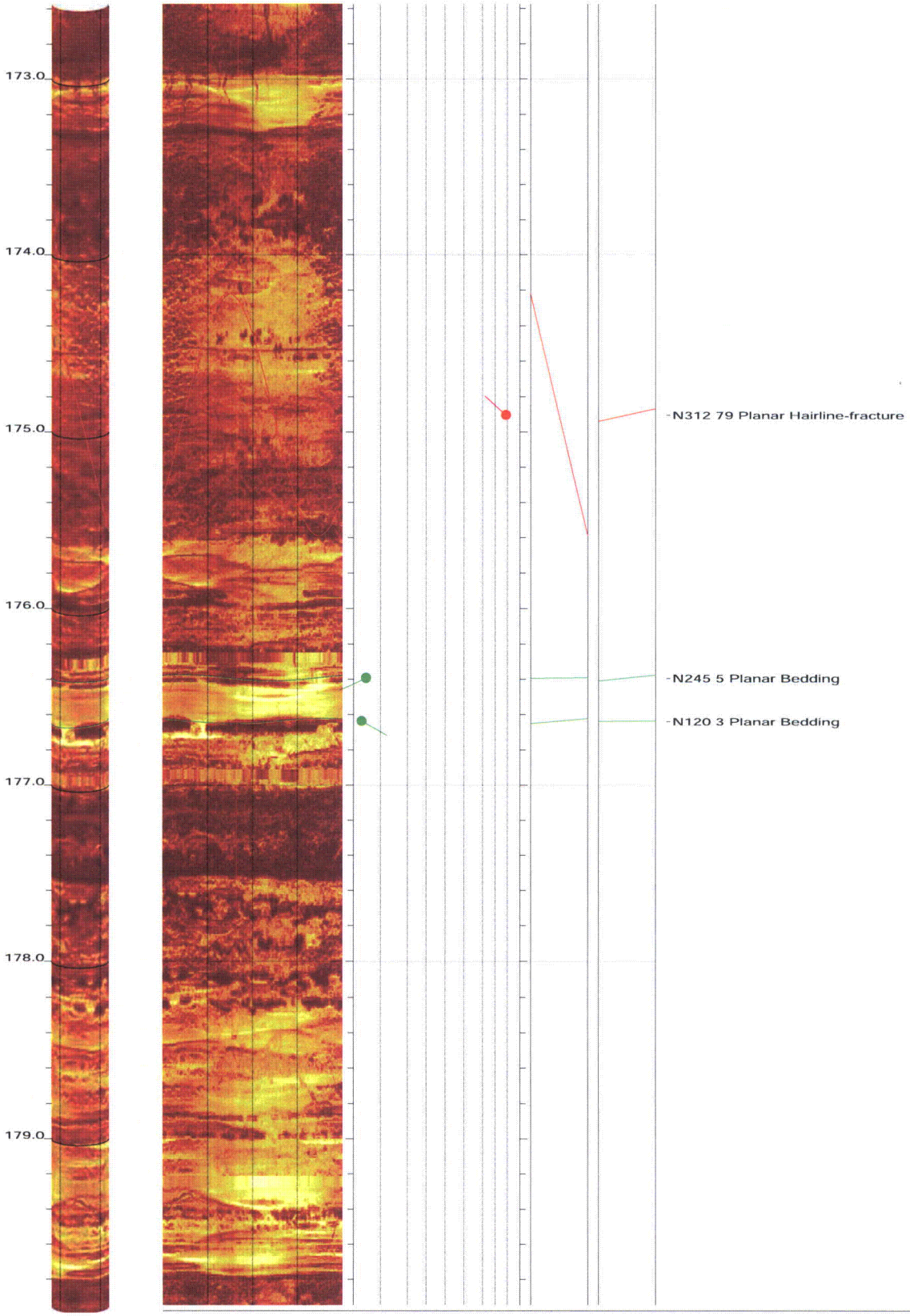
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 20 of 34



PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 21 of 34

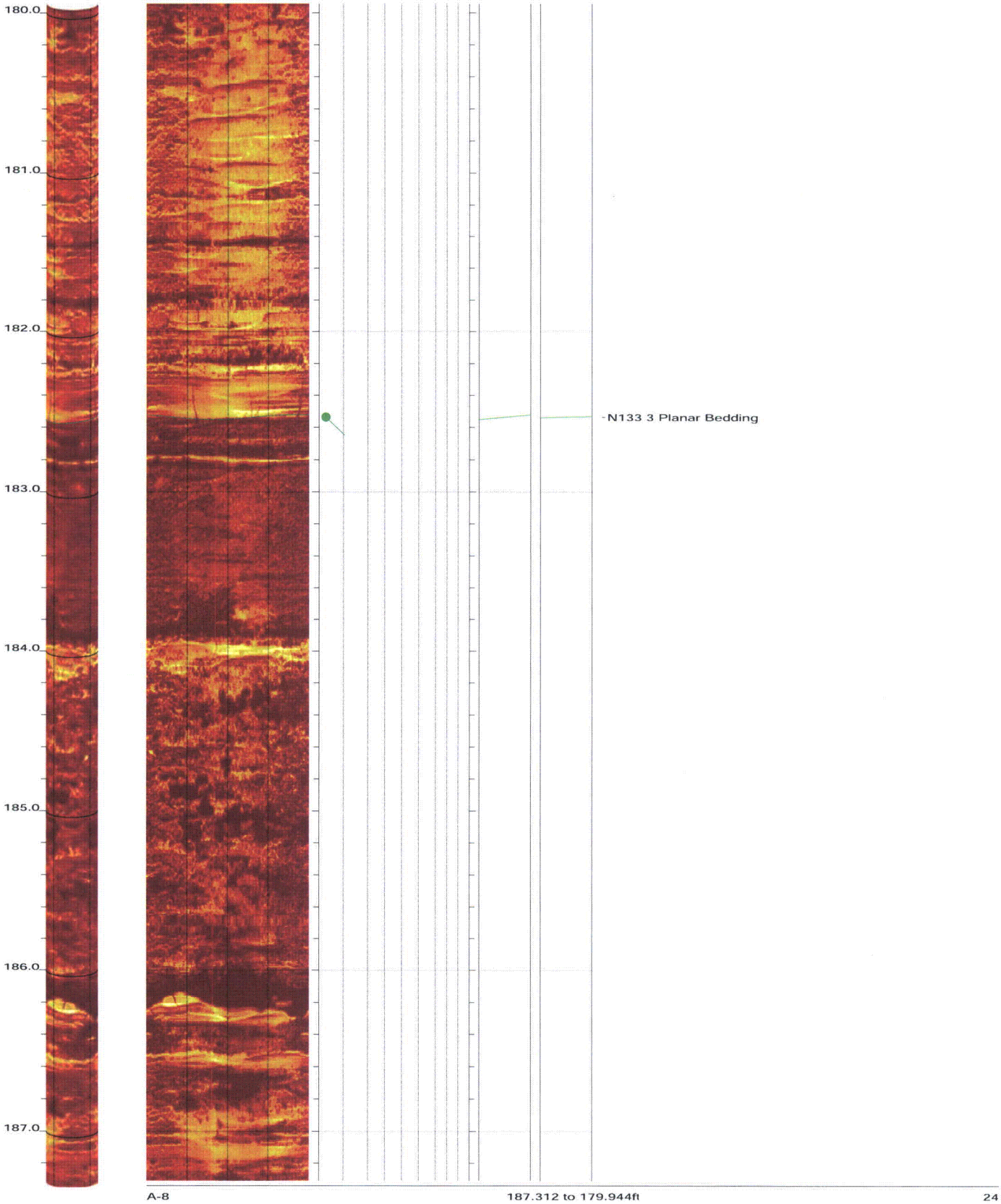


PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 22 of 34

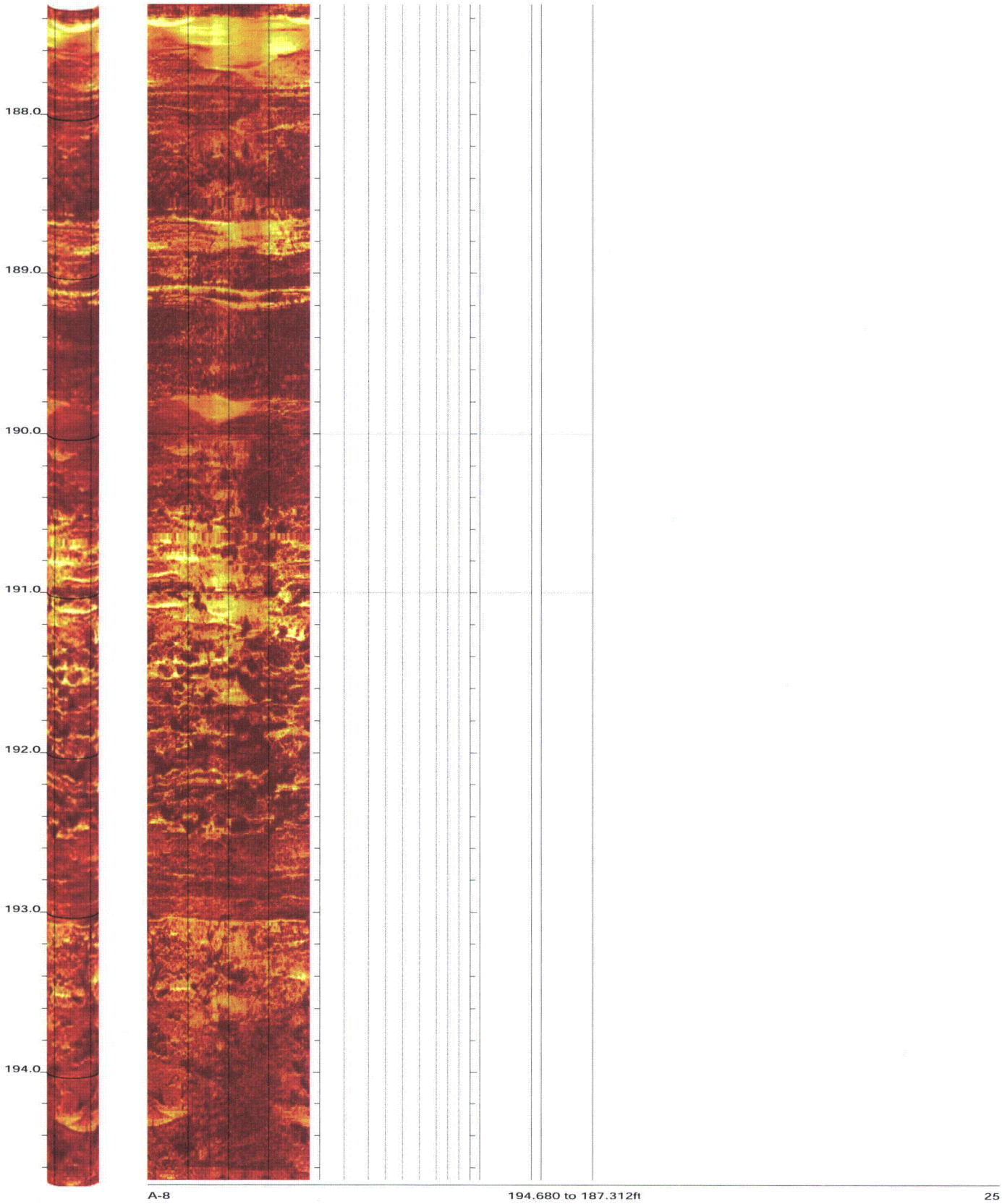


A-8 179.944 to 172.576ft 23

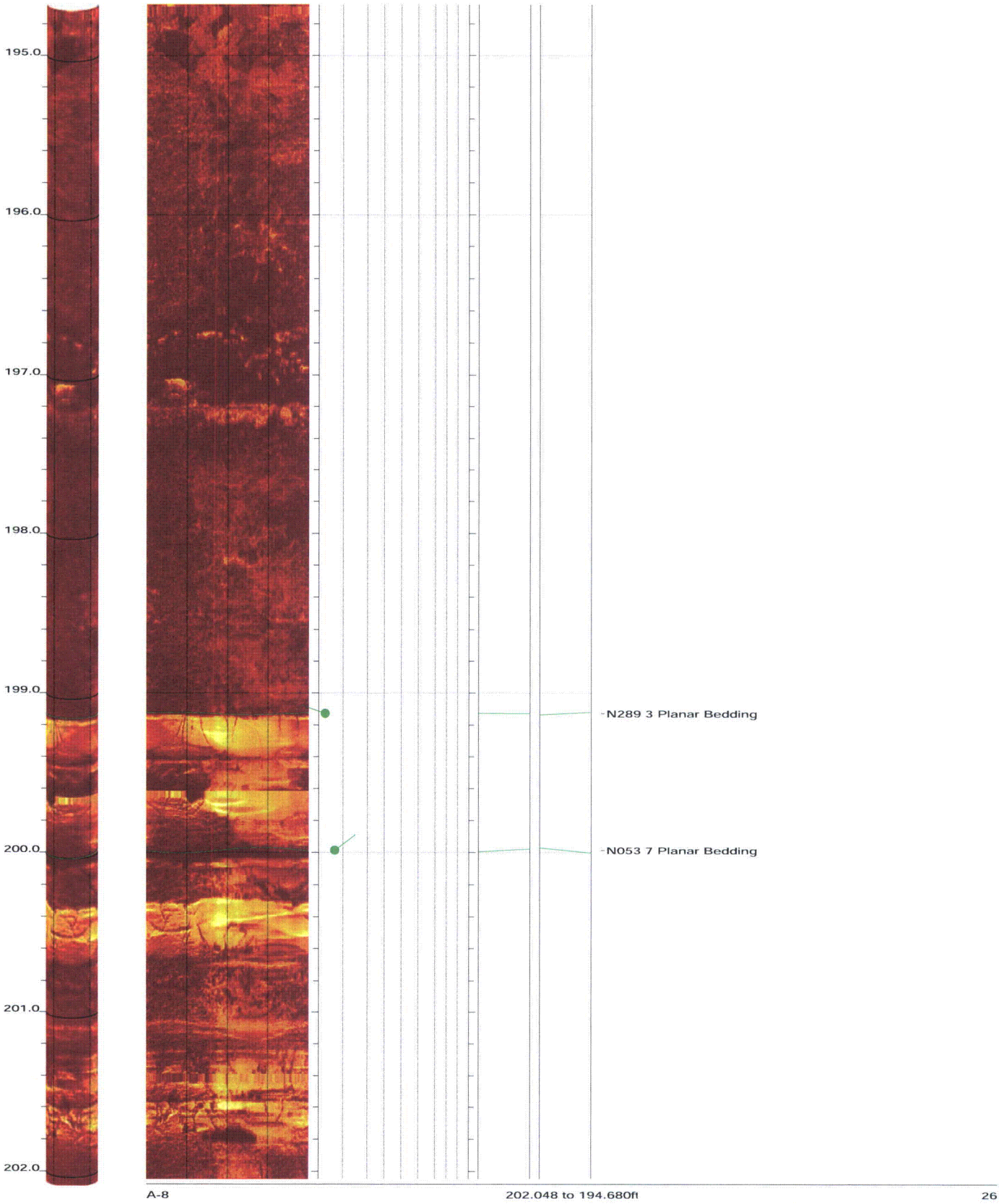
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 23 of 34



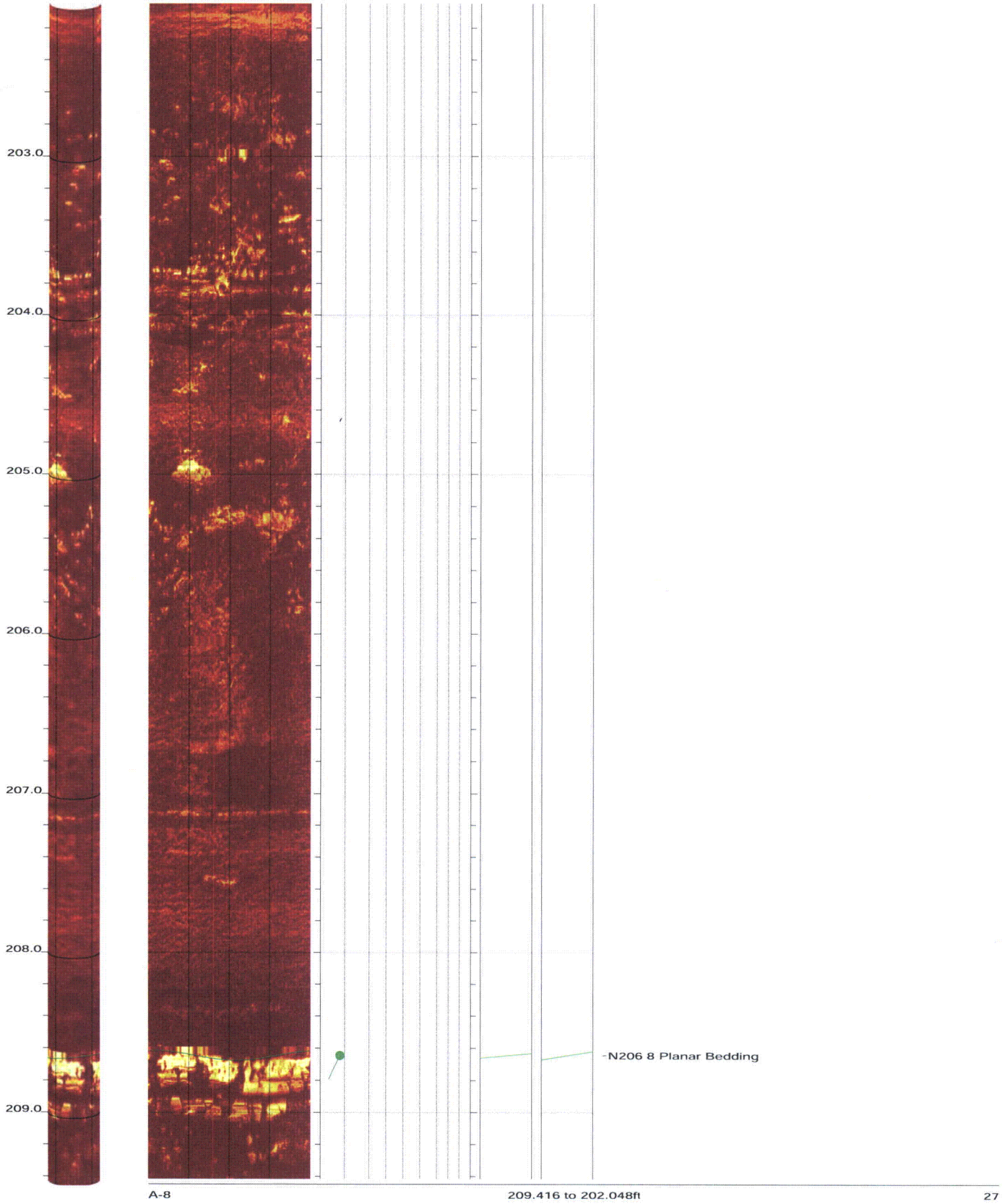
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 24 of 34



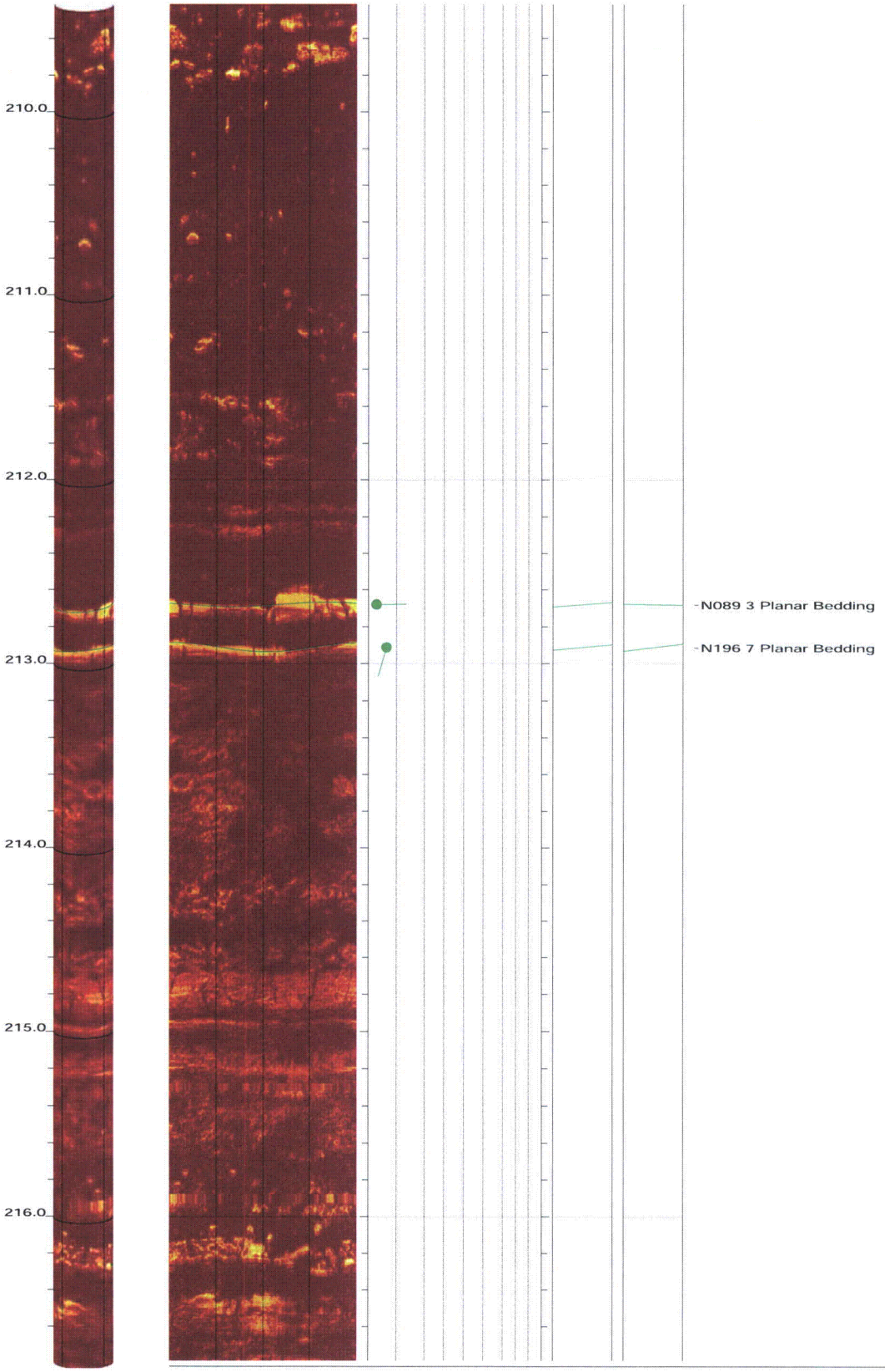
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 25 of 34



PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 26 of 34

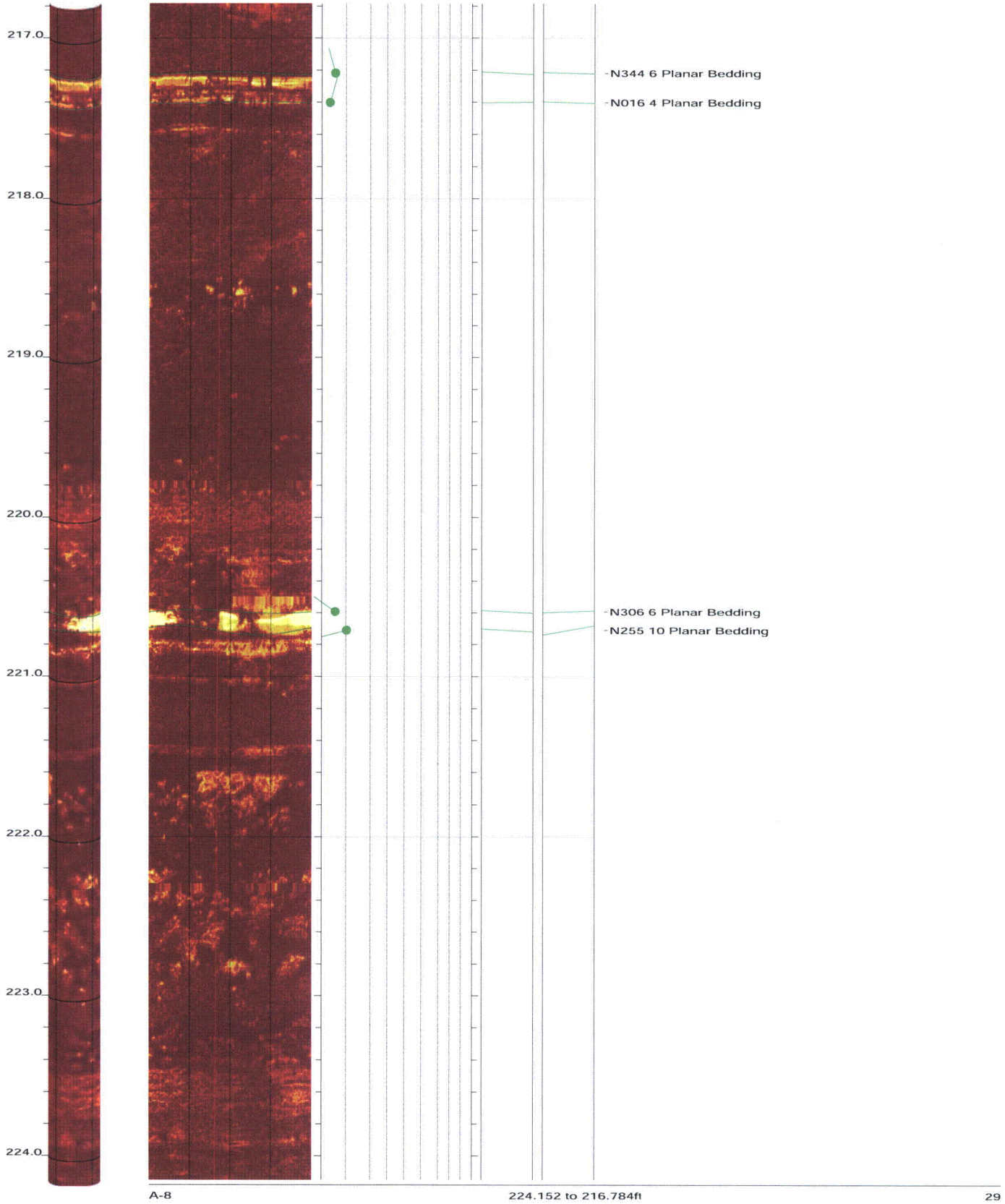


PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 27 of 34

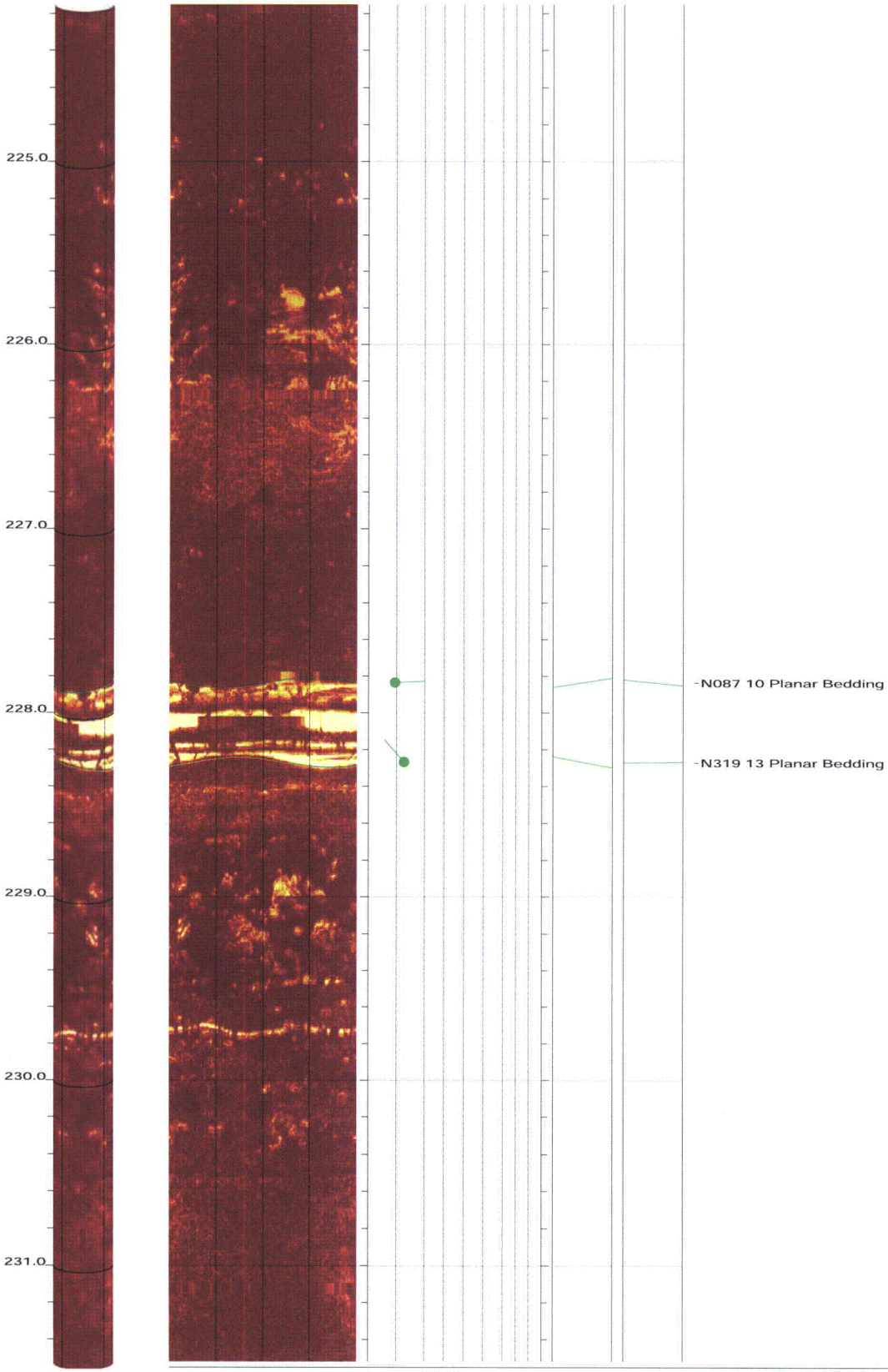


A-8 216.784 to 209.416ft 28

PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 28 of 34

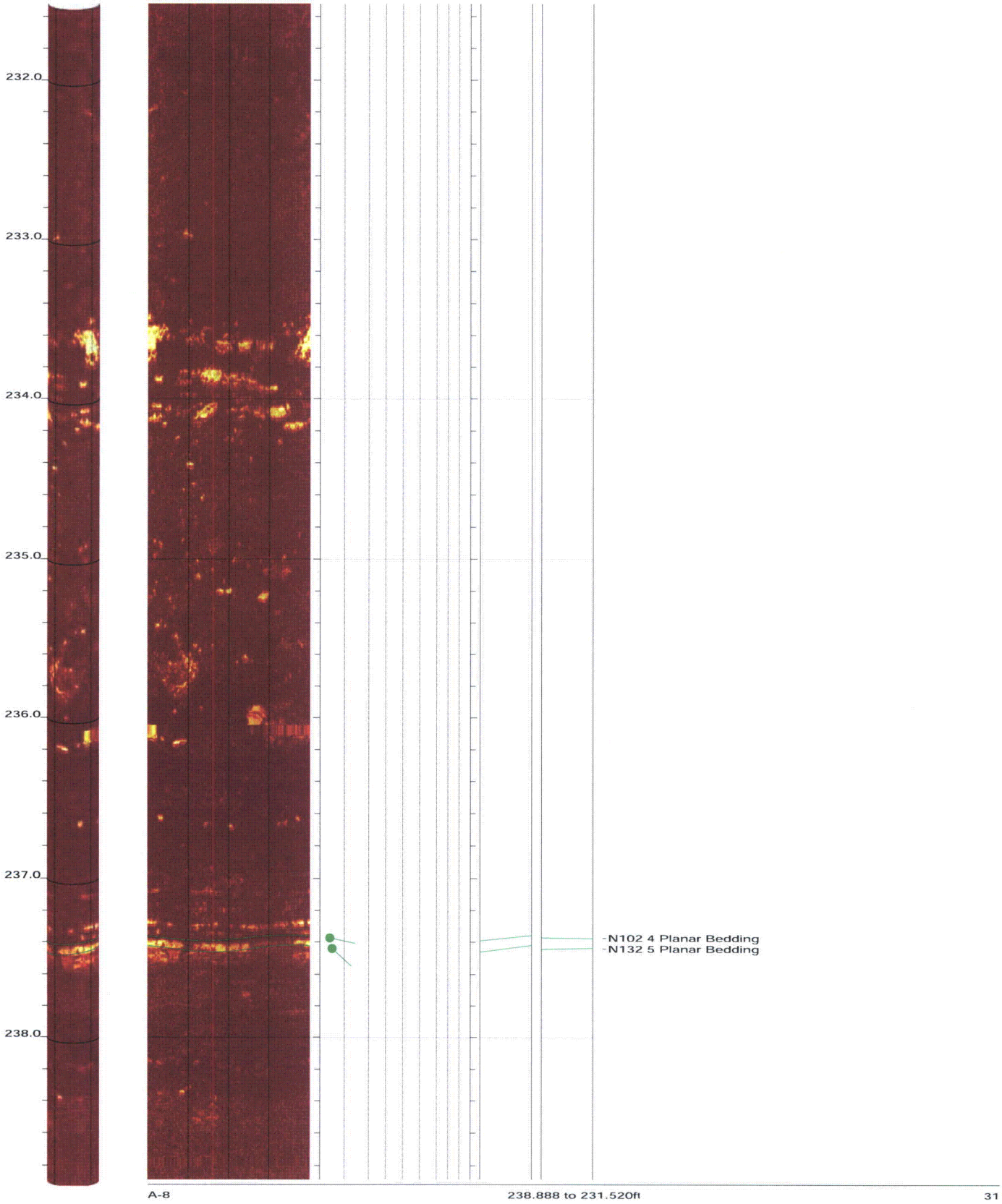


PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 29 of 34

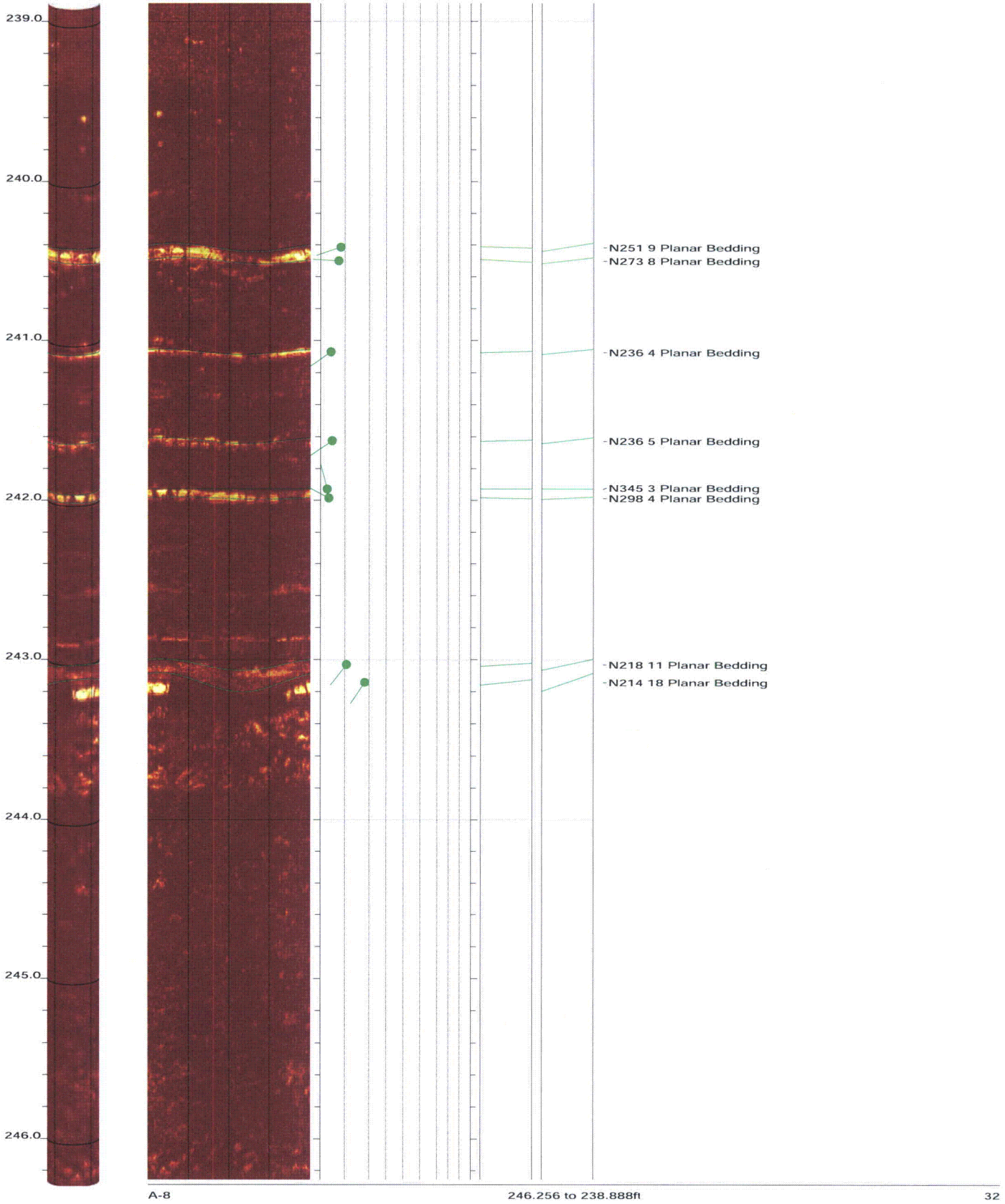


A-8 231.520 to 224.152ft 30

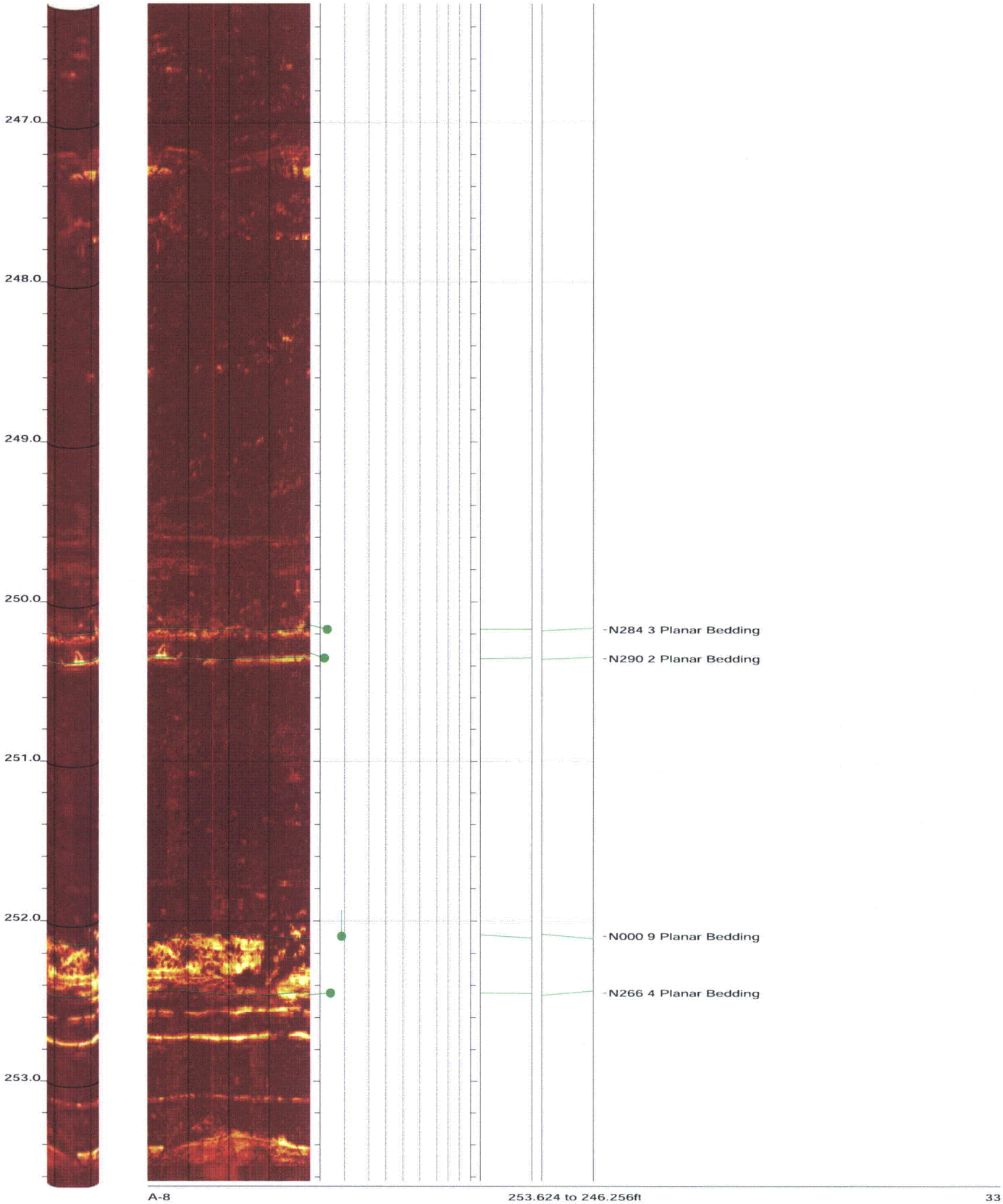
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 30 of 34



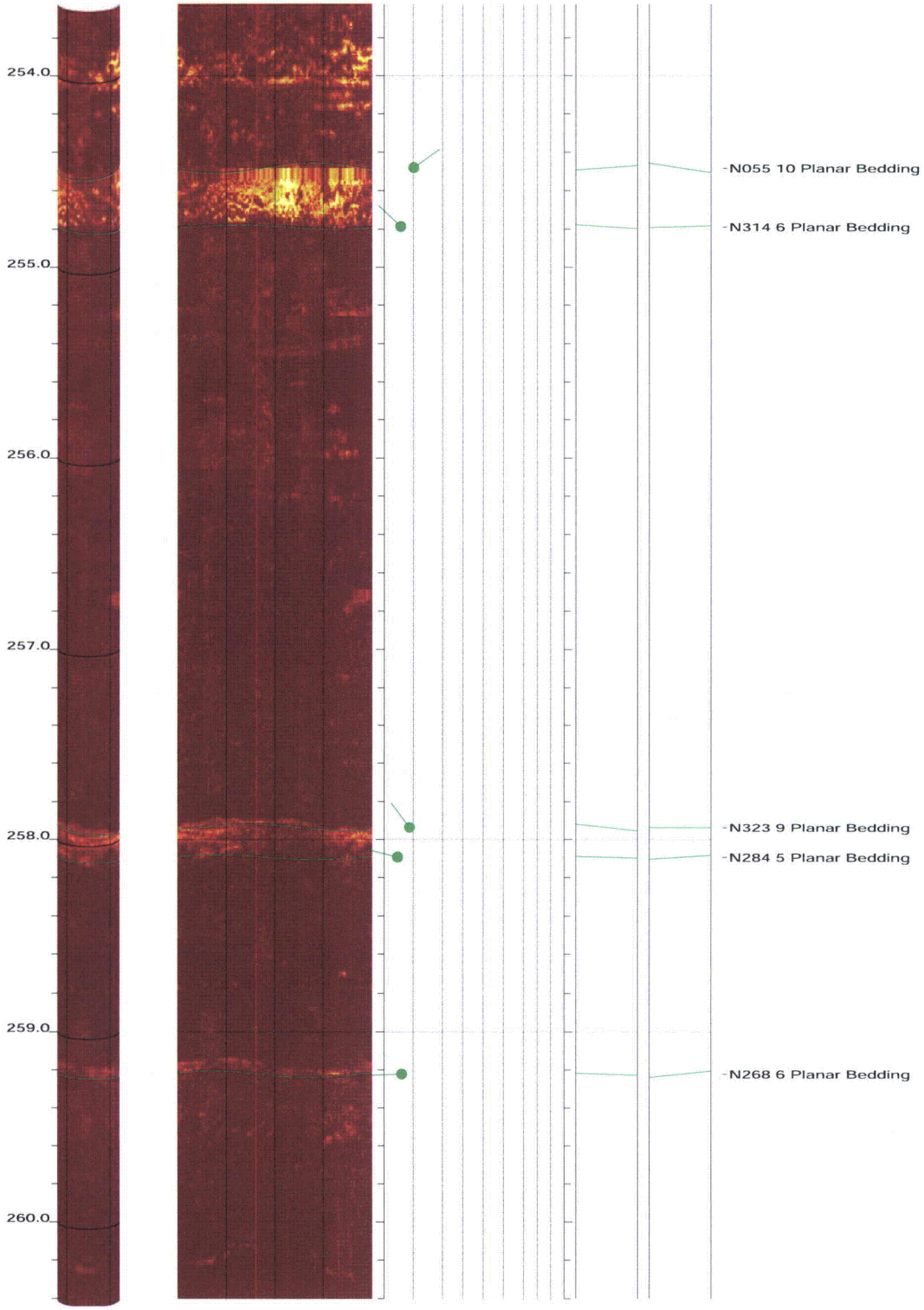
PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 31 of 34



PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 32 of 34



PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 33 of 34



A-8 260.400 to 253.624ft 34

PEF-LNP COLA Boring A-8 Acoustic Televiewer Dips rev 3 Sheet 34 of 34

BHTV DATA PROCESSING
RGLDIP vsn 6.2
INTERPRETED BHTV DIPS LOG

13 May 2008

CH2M HILL

Borehole: A-19

PEF-LNP COLA

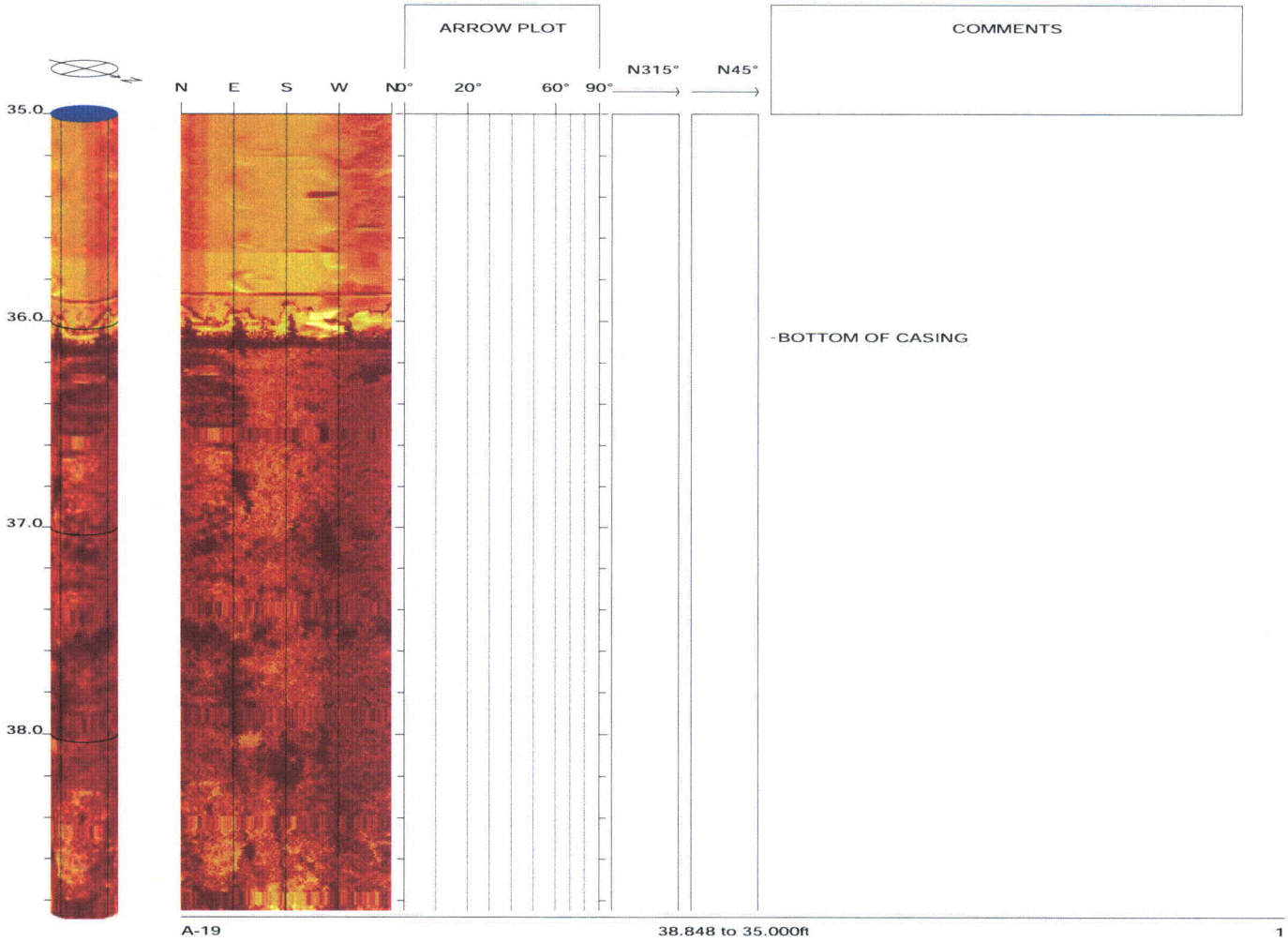
top of borehole.....
East: _
North: _
Elev: _

North ref. is true
Depth units are feet
Vertical scale: 1/10
Horiz scale = 1.00x Vert scale

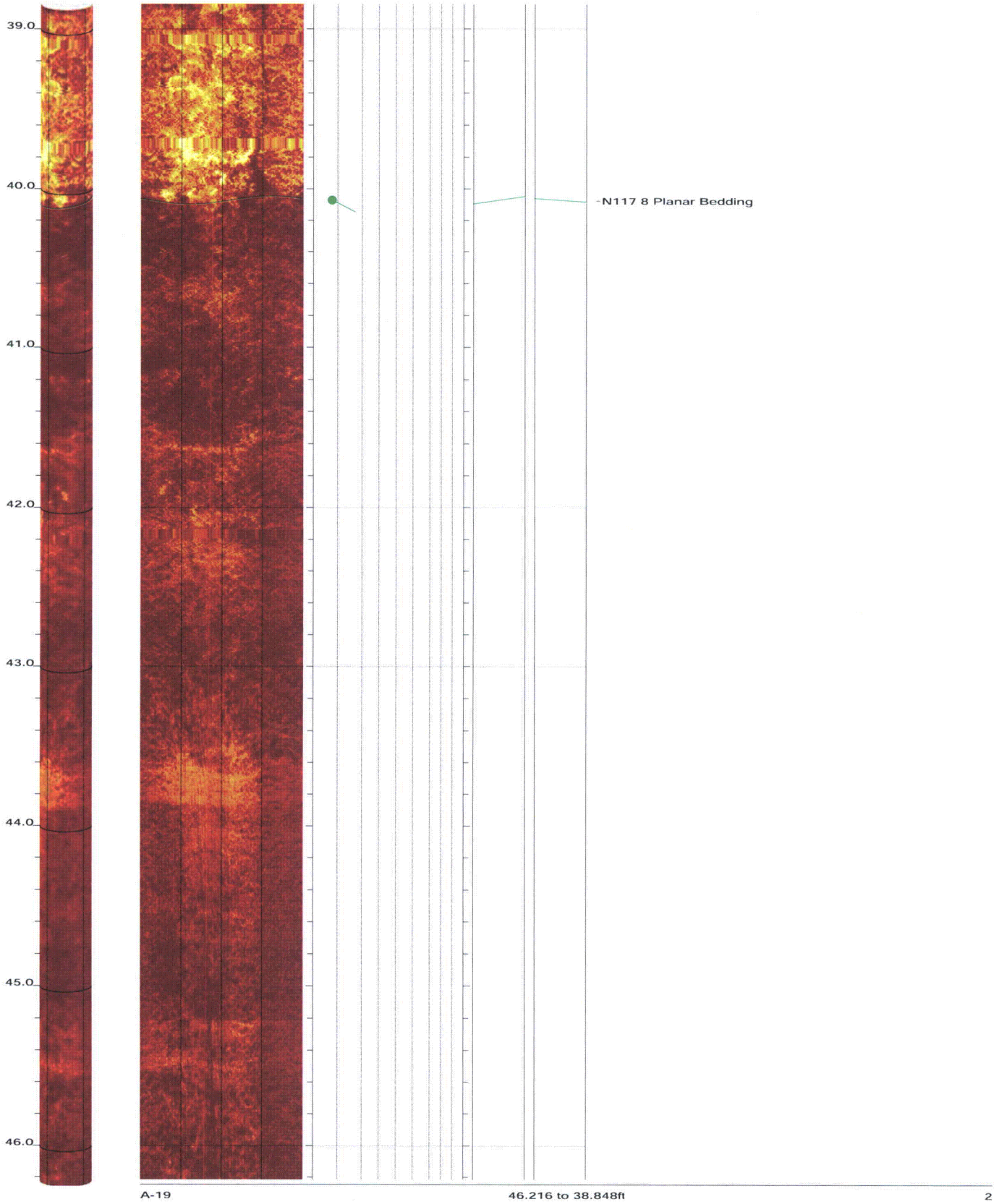
Zone from 108.200 to 35.000ft
Format: BHTV-NESWN

Borehole diam: 3.864inch
Vertical = borehole-axis
Image: Amplitude

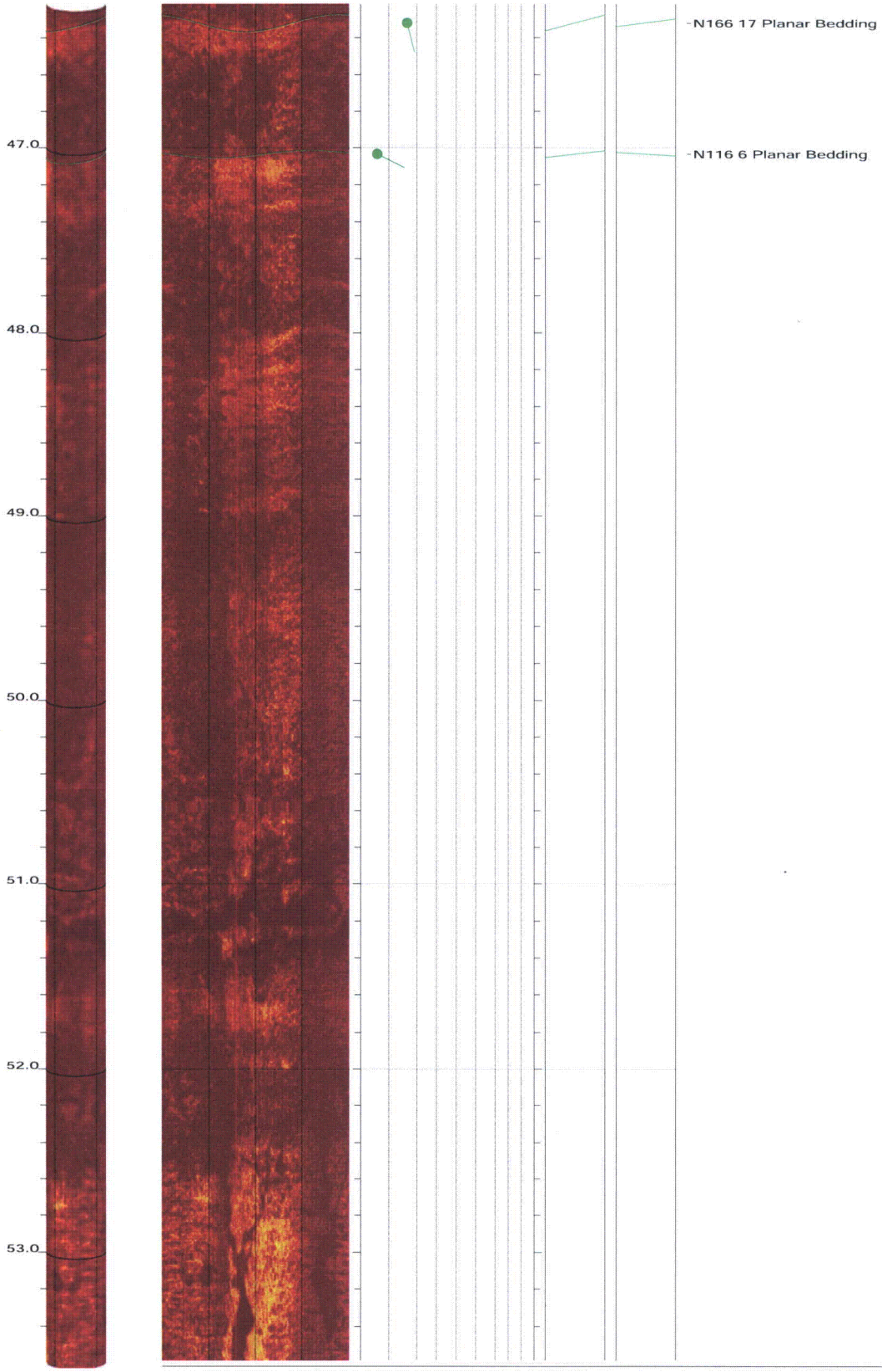
Stratigraphic dips
Non-stratigraphic dips
Identified units



PEF-LNP COLA Boring A-19 Acoustic Televiewer Dips rev 3 Sheet 1 of 11

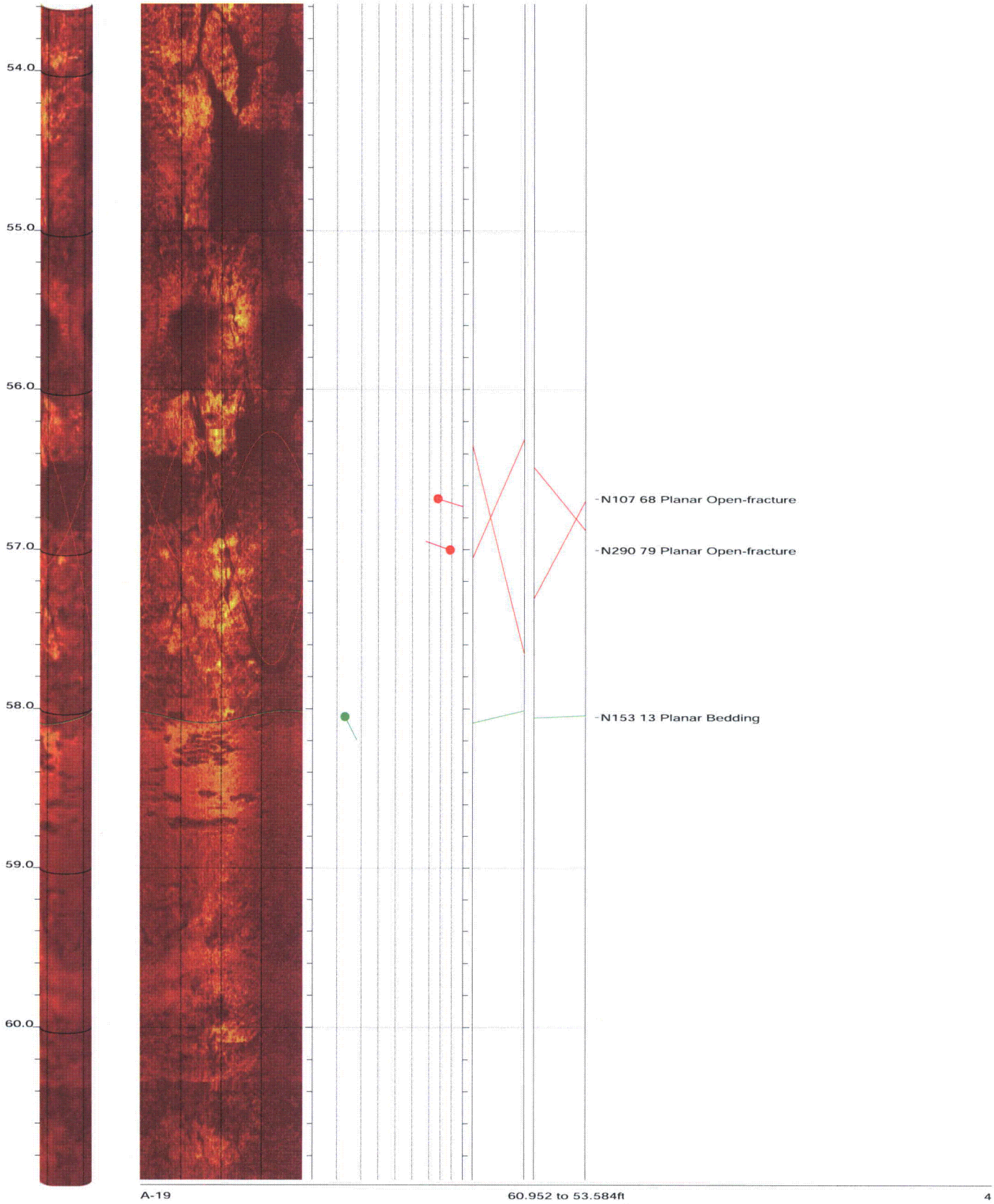


PEF-LNP COLA Boring A-19 Acoustic Televiewer Dips rev 3 Sheet 2 of 11

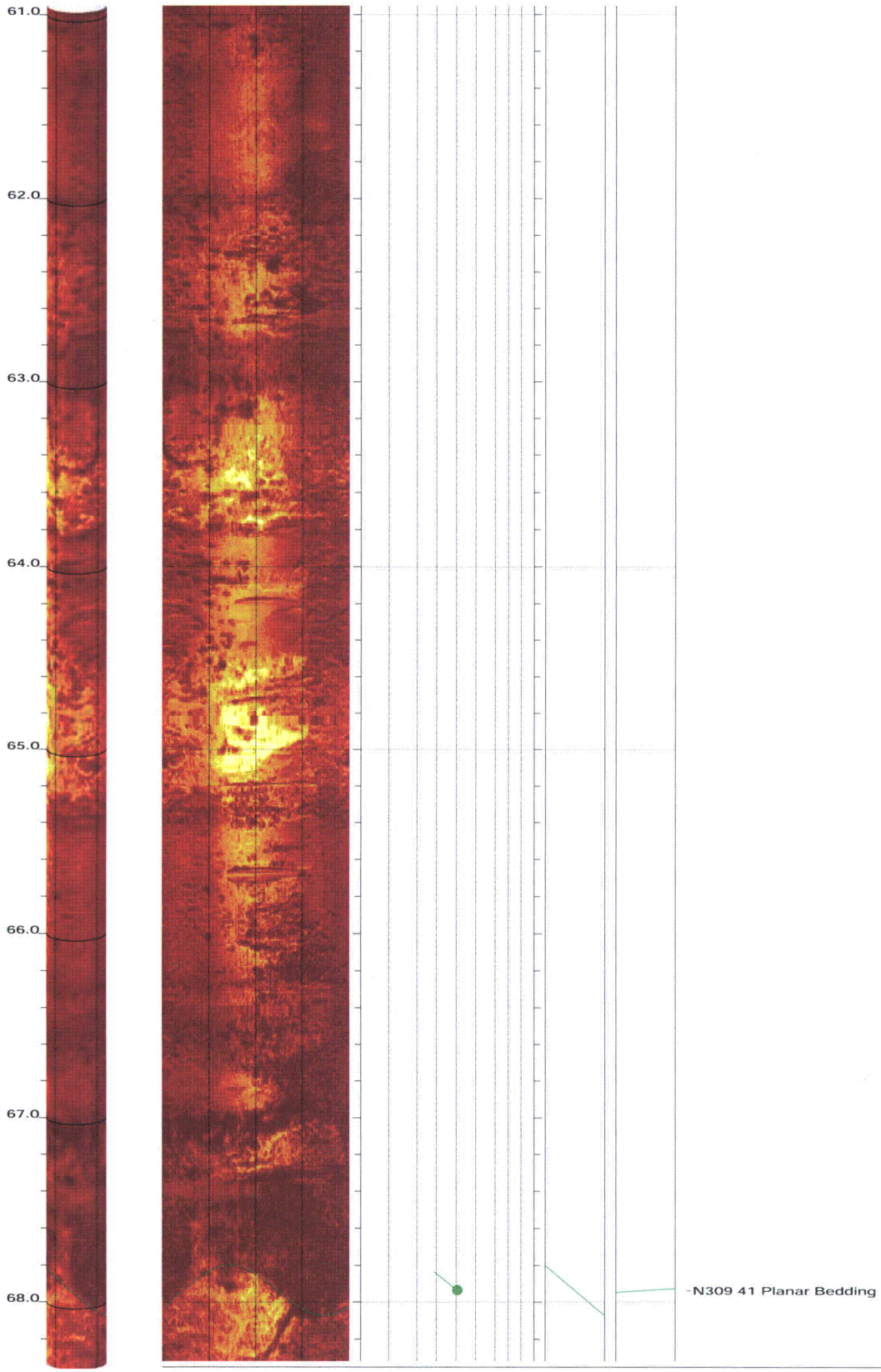


A-19 53.584 to 46.216ft 3

PEF-LNP COLA Boring A-19 Acoustic Televiewer Dips rev 3 Sheet 3 of 11

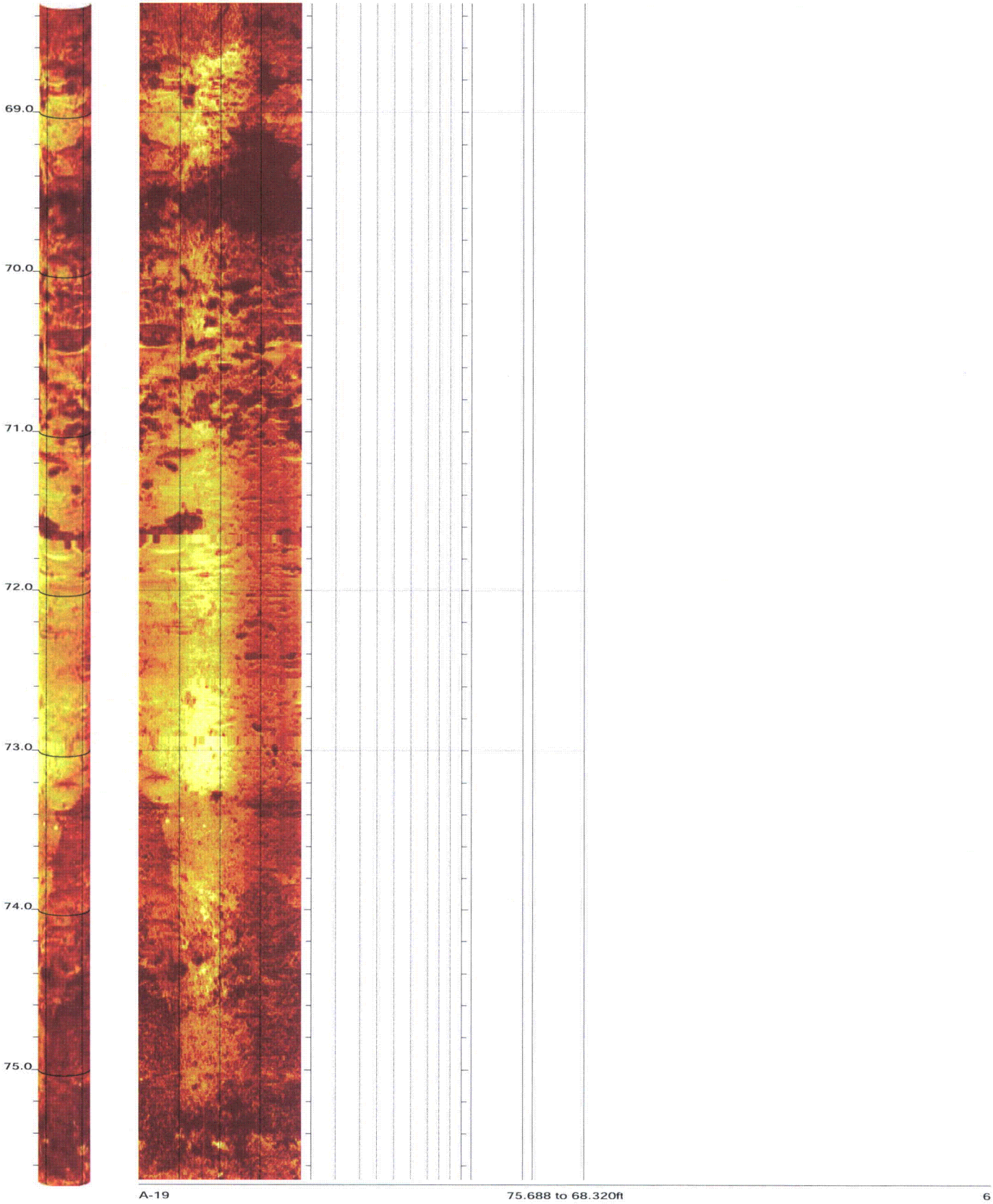


PEF-LNP COLA Boring A-19 Acoustic Televiewer Dips rev 3 Sheet 4 of 11

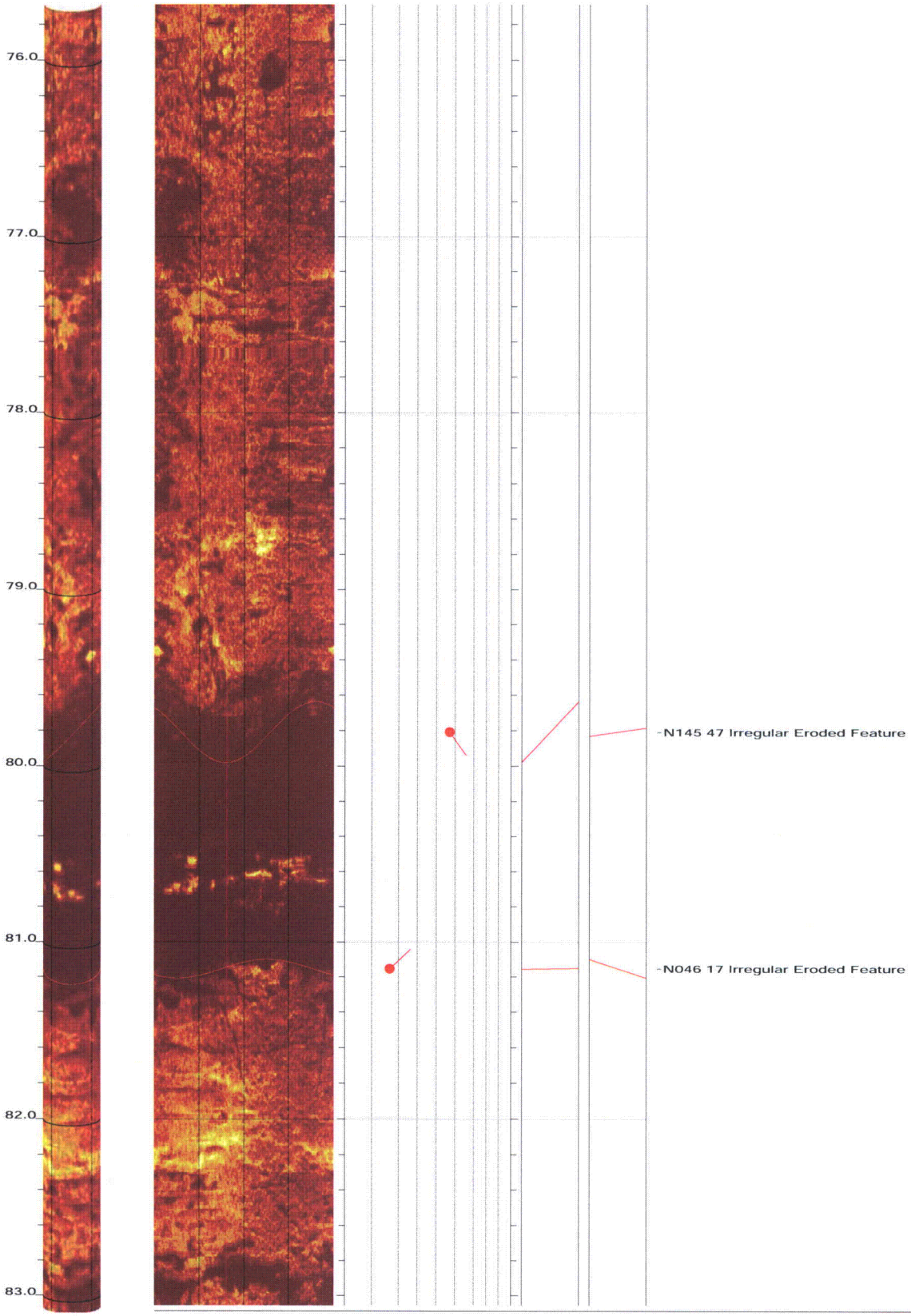


A-19 68.320 to 60.952ft 5

PEF-LNP COLA Boring A-19 Acoustic Televiewer Dips rev 3 Sheet 5 of 11

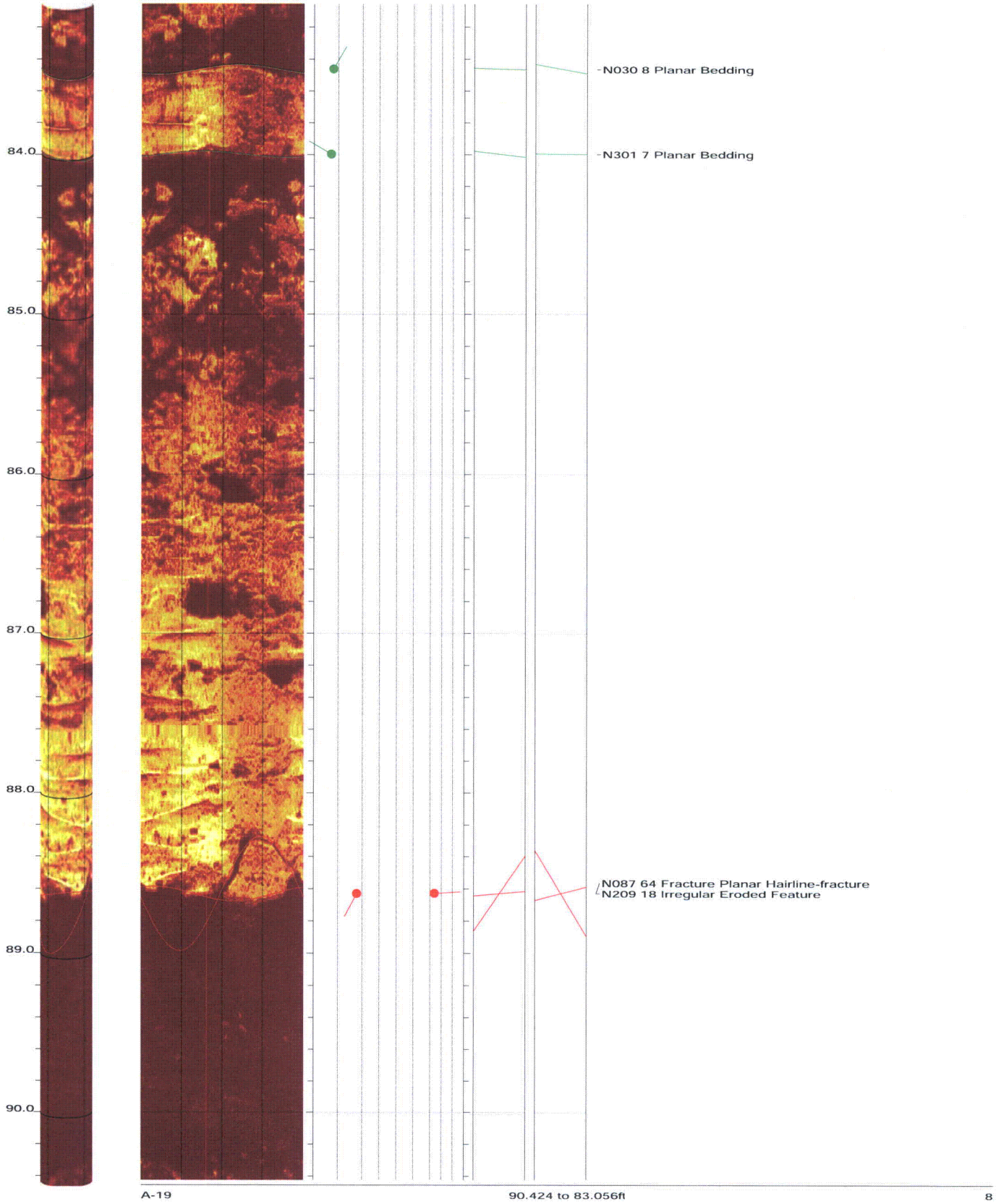


PEF-LNP COLA Boring A-19 Acoustic Televiewer Dips rev 3 Sheet 6 of 11

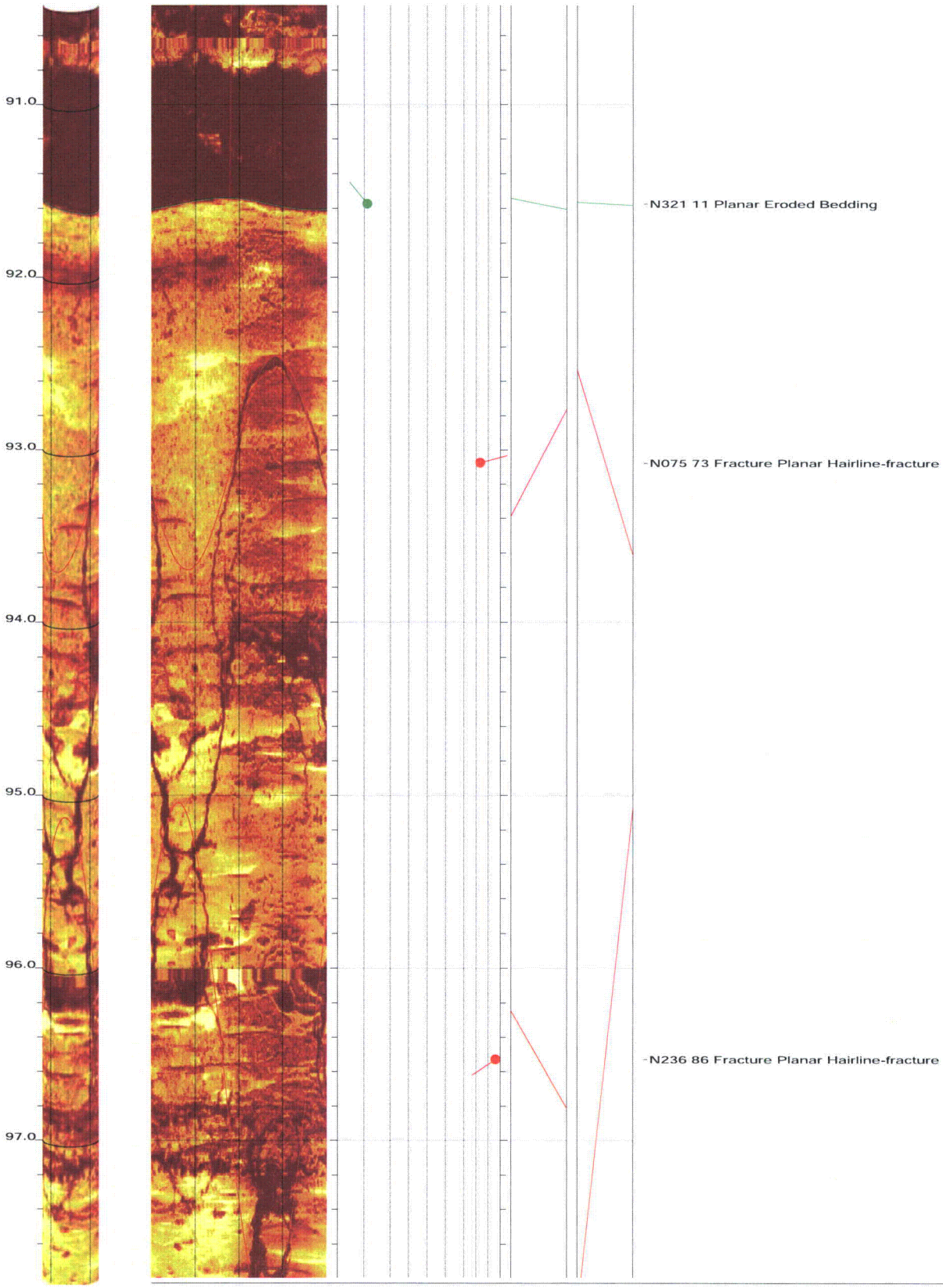


A-19 83.056 to 75.688ft 7

PEF-LNP COLA Boring A-19 Acoustic Televiewer Dips rev 3 Sheet 7 of 11

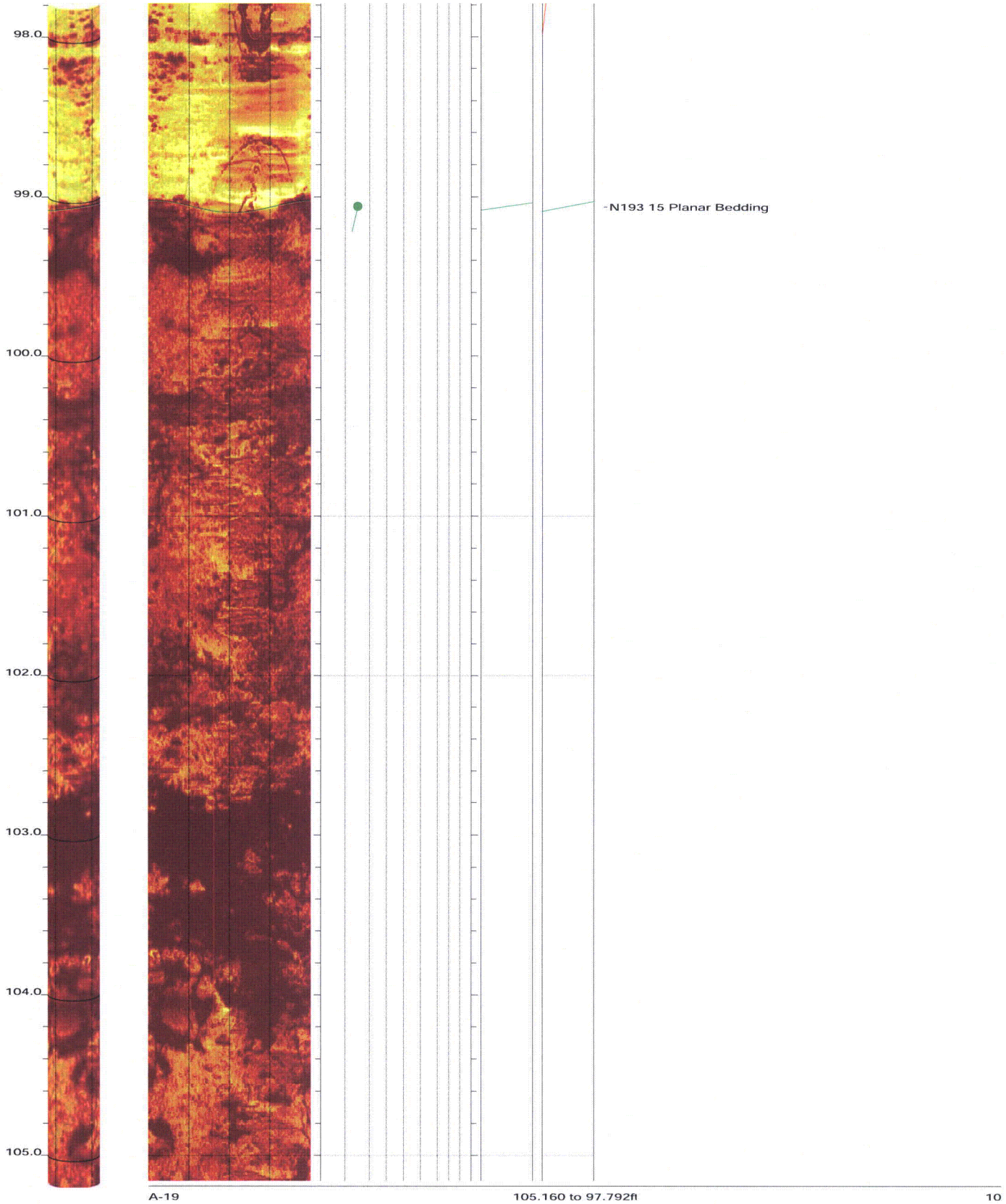


PEF-LNP COLA Boring A-19 Acoustic Televiewer Dips rev 3 Sheet 8 of 11

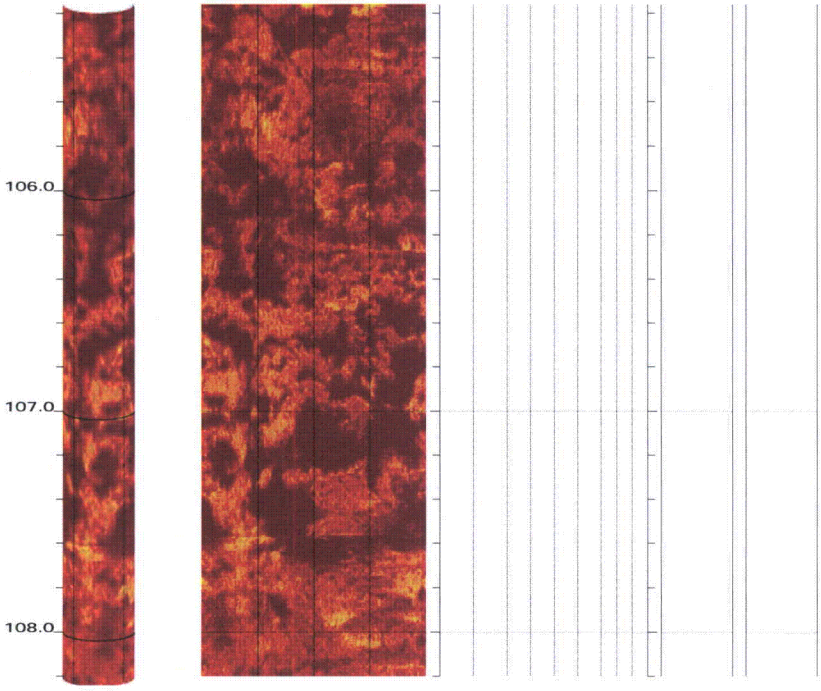


A-19 97.792 to 90.424ft 9

PEF-LNP COLA Boring A-19 Acoustic Televiewer Dips rev 3 Sheet 9 of 11



PEF-LNP COLA Boring A-19 Acoustic Televiewer Dips rev 3 Sheet 10 of 11



A-19 108.200 to 105.160ft 11

PEF-LNP COLA Boring A-19 Acoustic Televiewer Dips rev 3 Sheet 11 of 11

BHTV DATA PROCESSING
RGLDIP vsn 6.2
INTERPRETED BHTV DIPS LOG

13 May 2008

CH2M HILL

Borehole: A-20

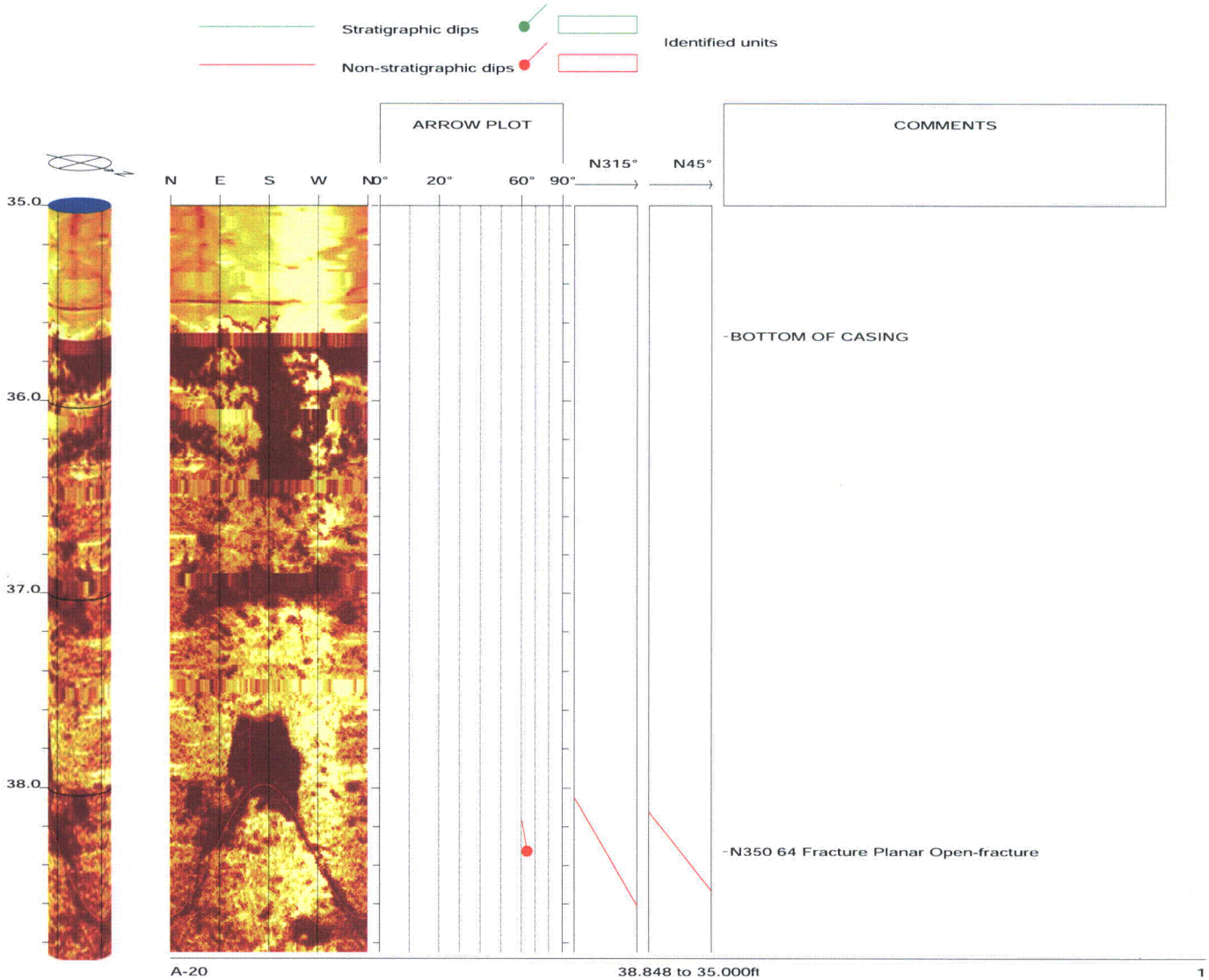
PEF-LNP COLA

top of borehole.....
East: _
North: _
Elev: _

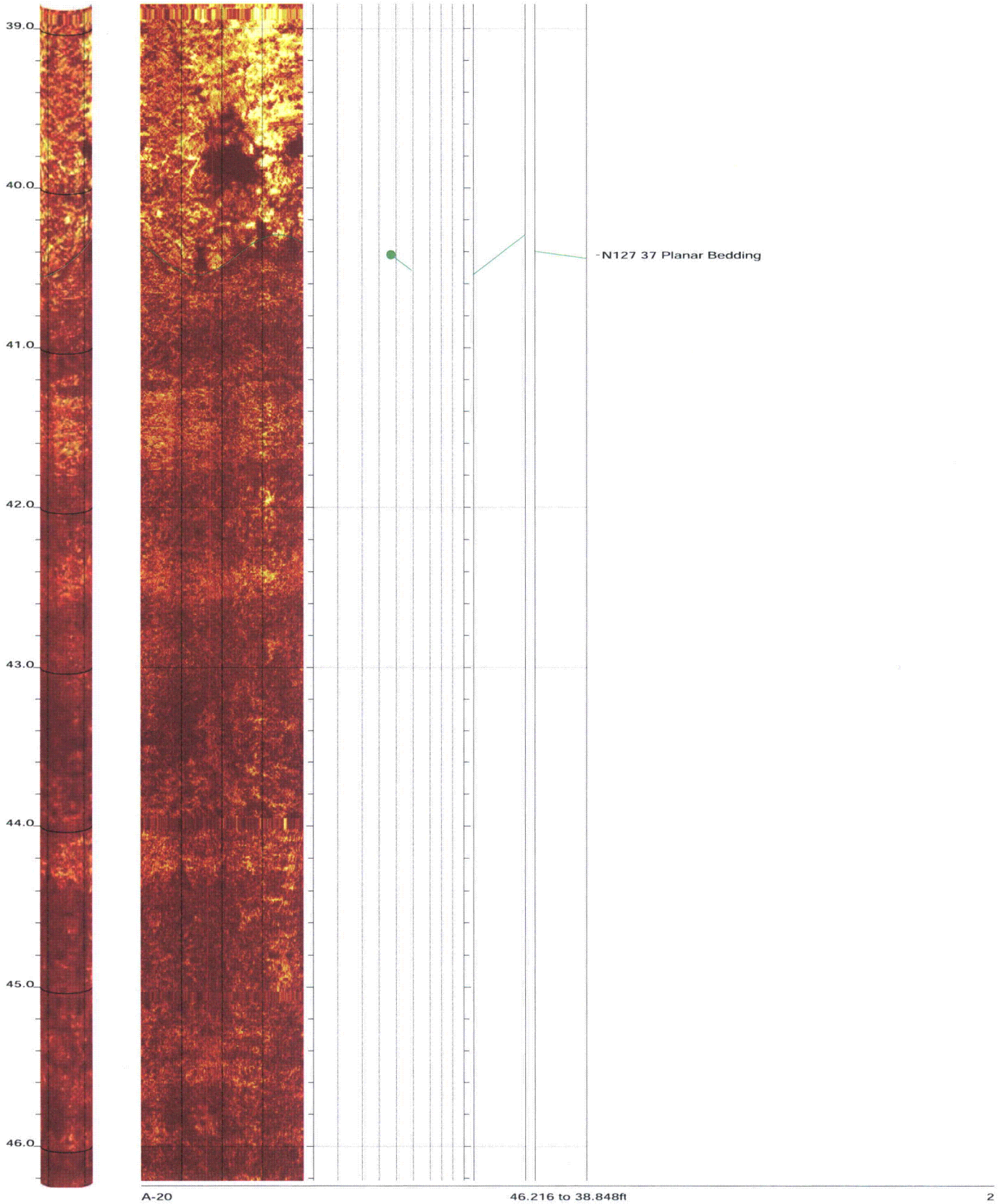
North ref. is true
Depth units are feet
Vertical scale: 1/10
Horiz scale = 1.00x Vert scale

Zone from 261.800 to 35.000ft
Format: BHTV-NESWN

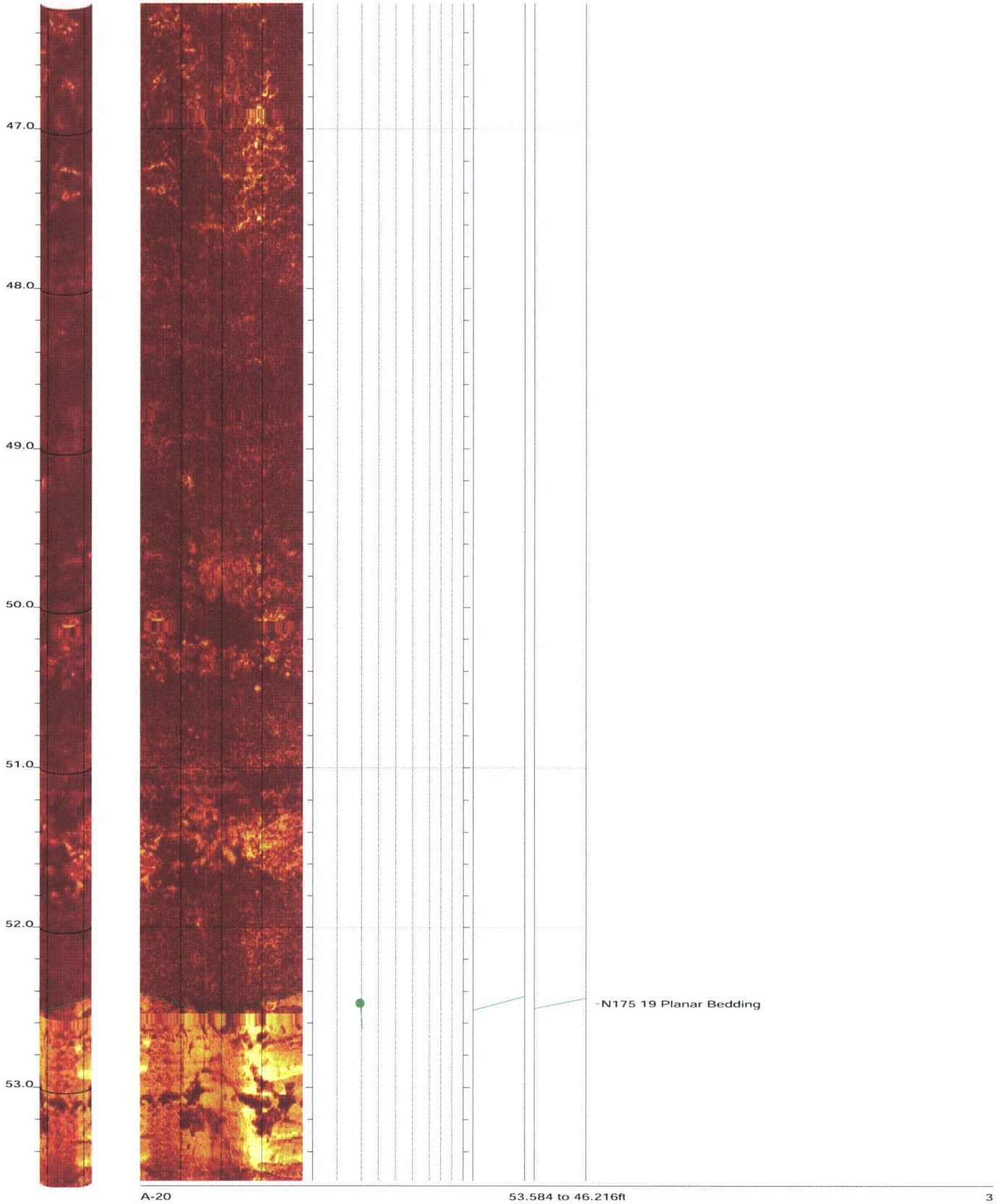
Borehole diam: 3.864inch
Vertical = borehole-axis
Image: Amplitude



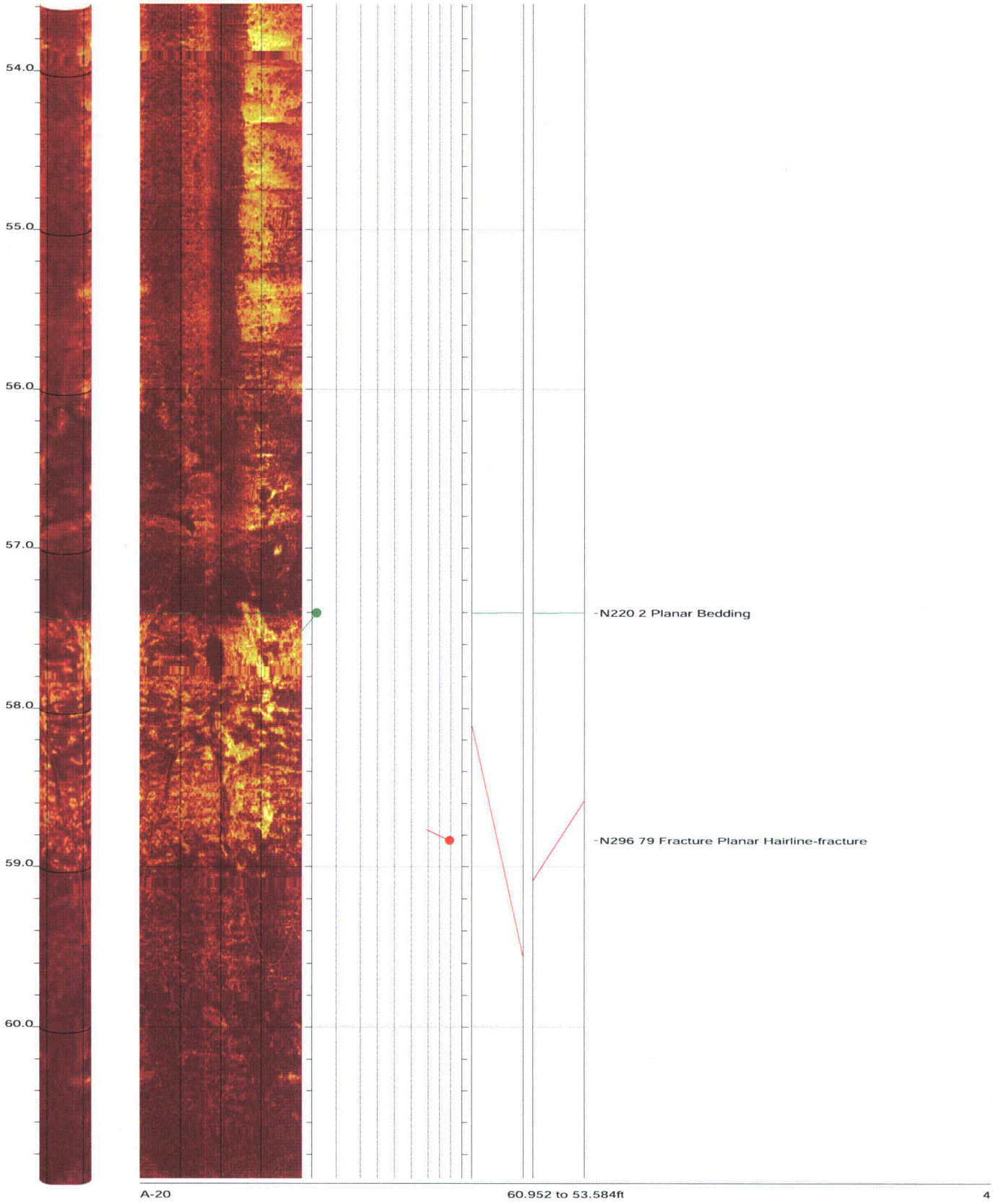
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 1 of 32



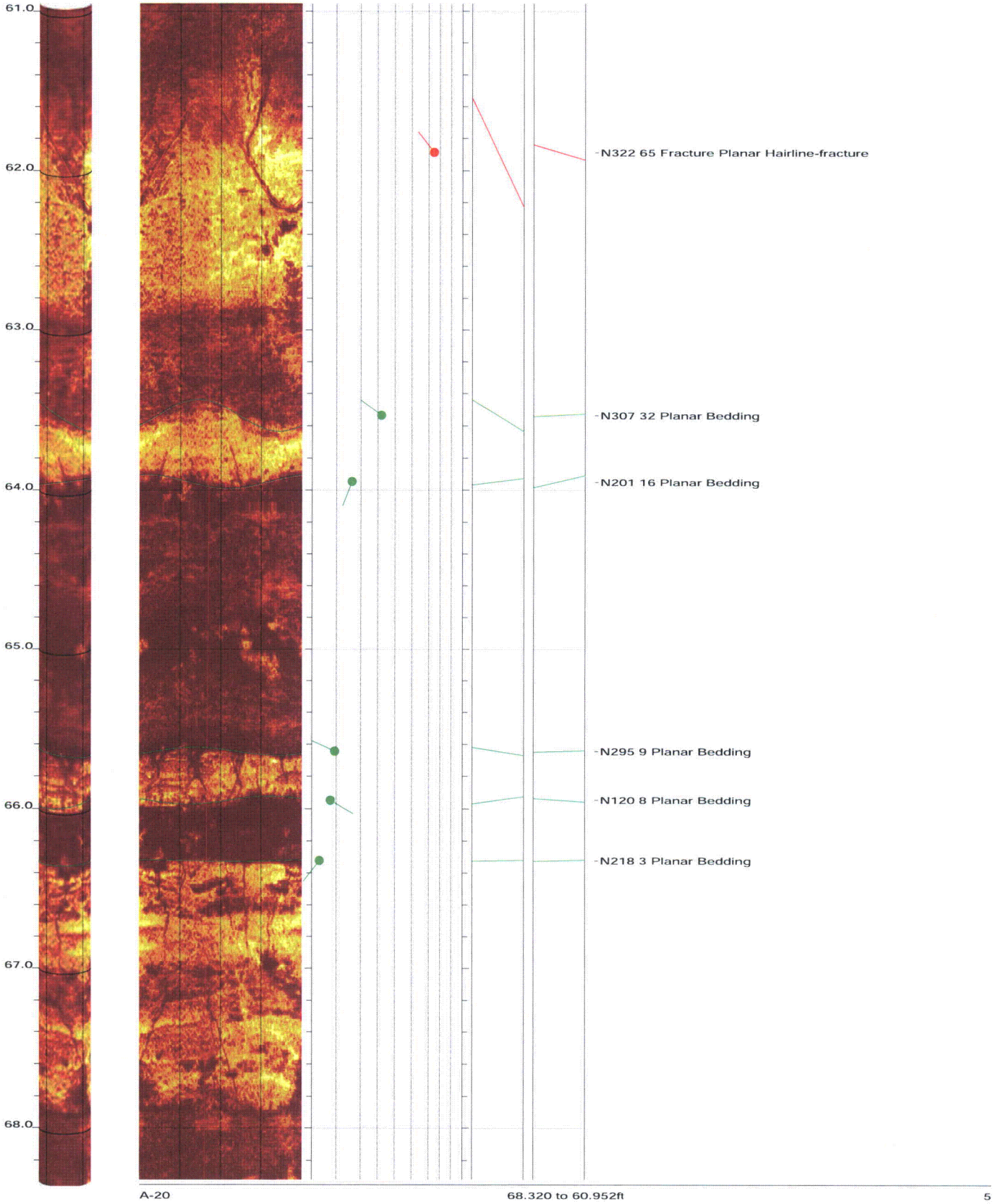
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 2 of 32



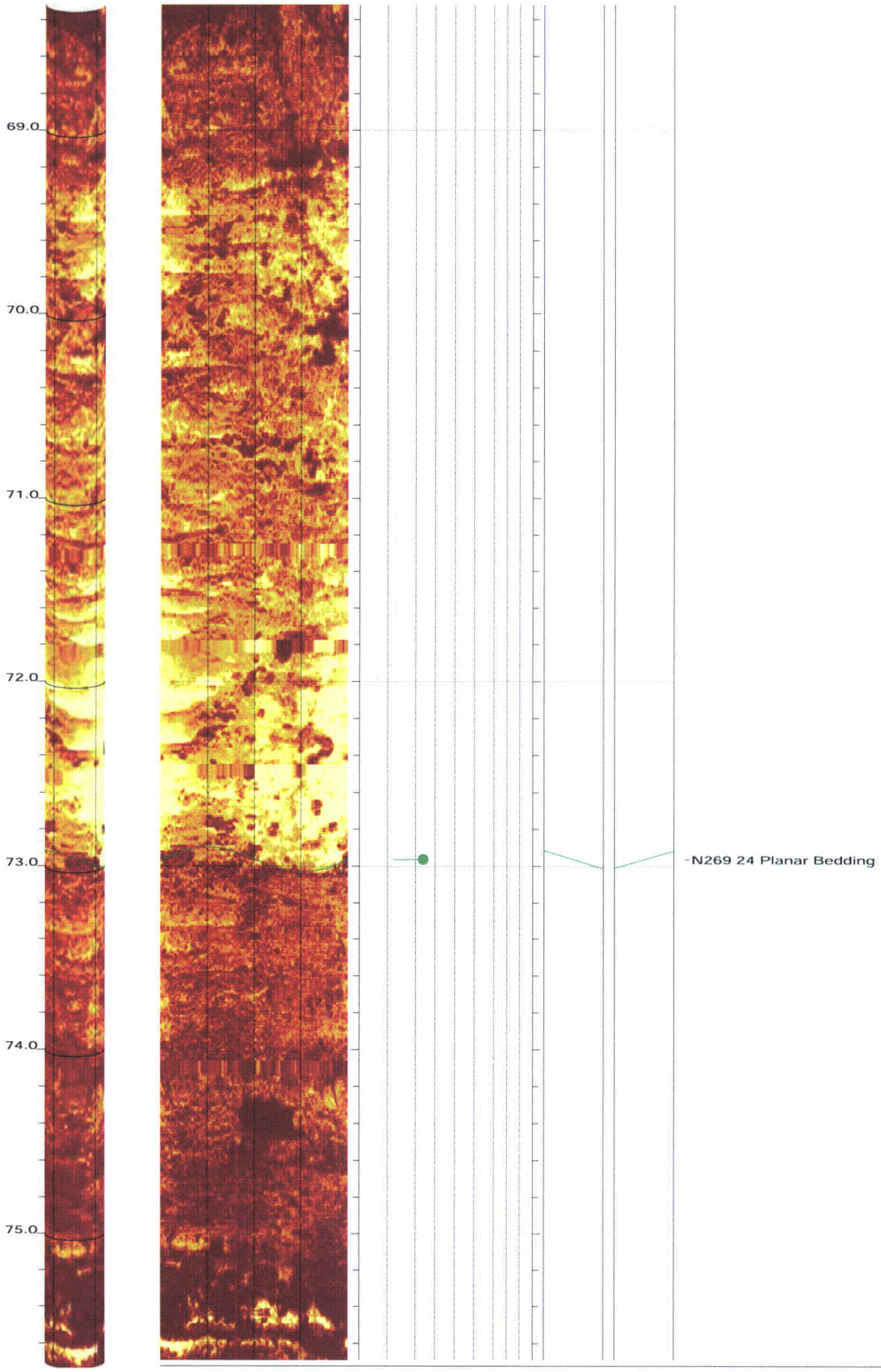
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 3 of 32



PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 4 of 32

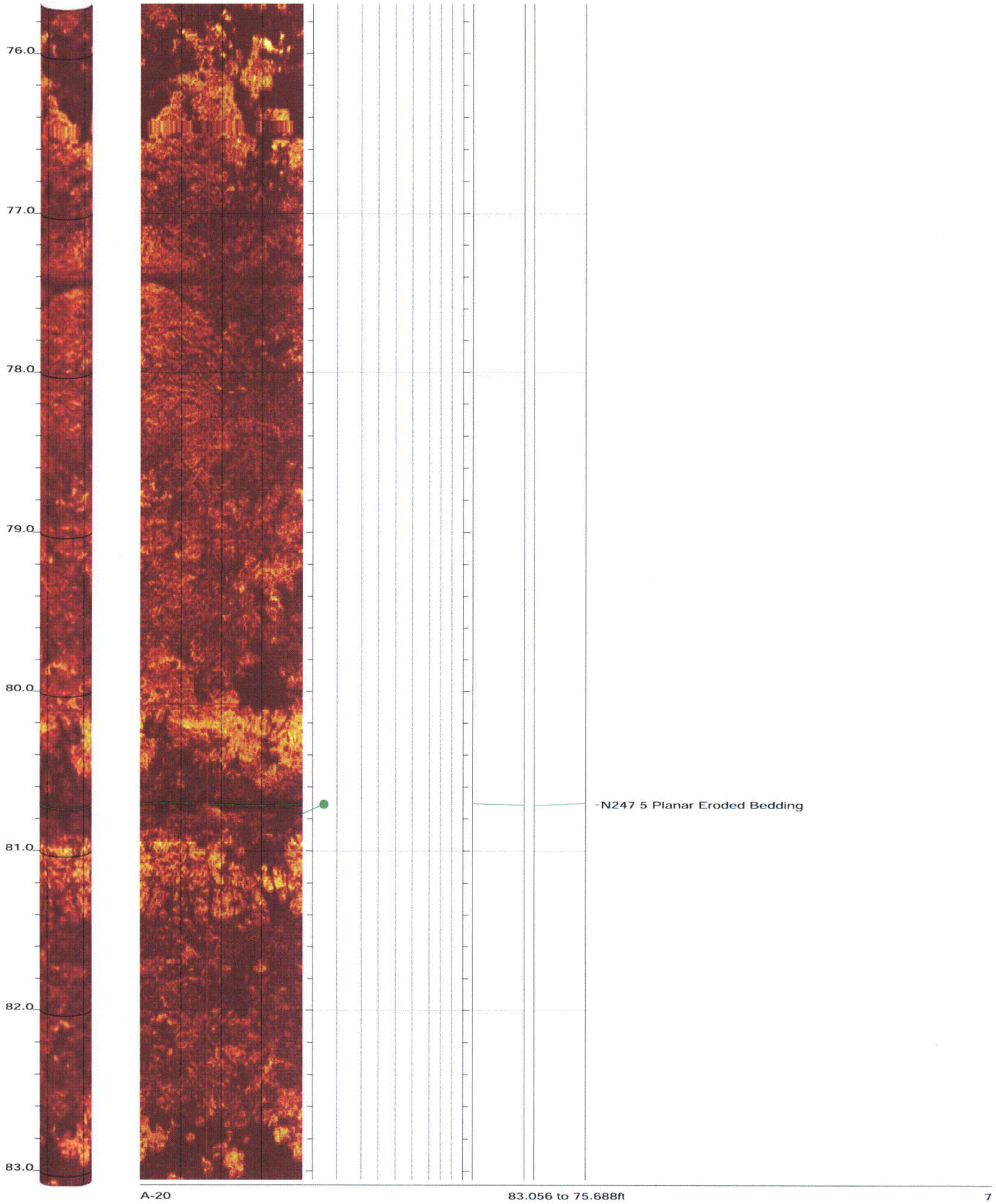


PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 5 of 32

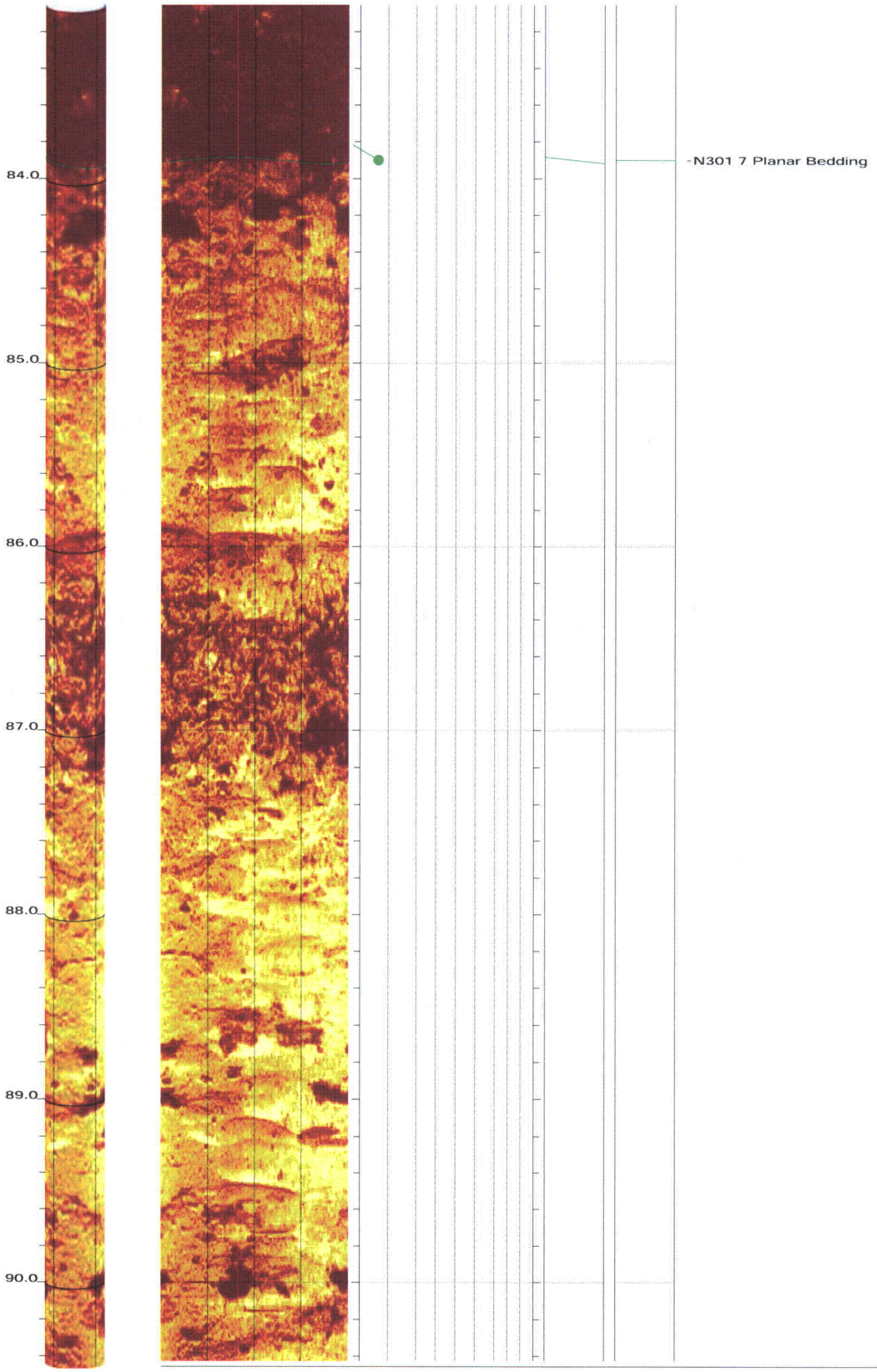


A-20 75.688 to 68.320ft 6

PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 6 of 32

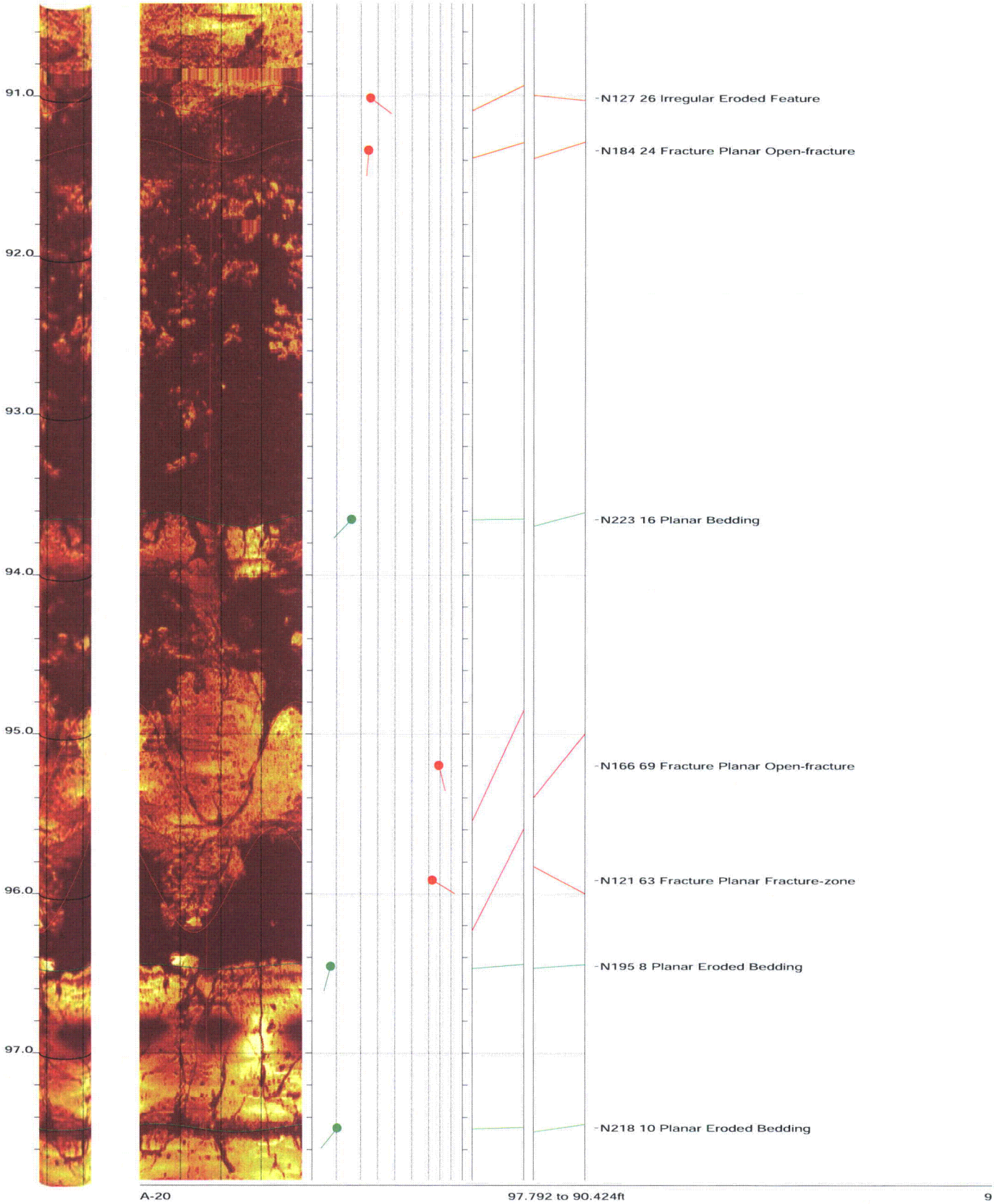


PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 7 of 32

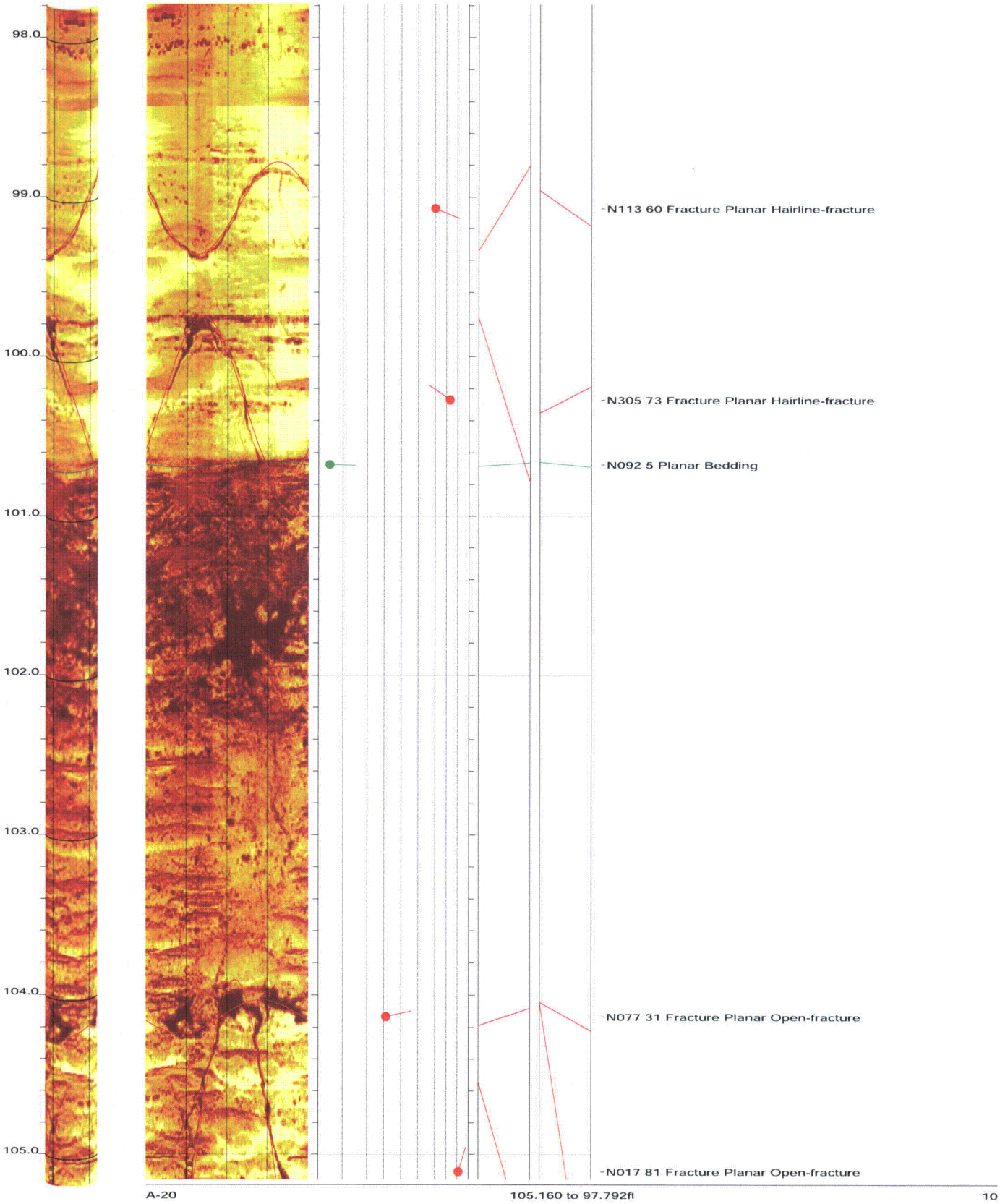


A-20 90.424 to 83.056ft 8

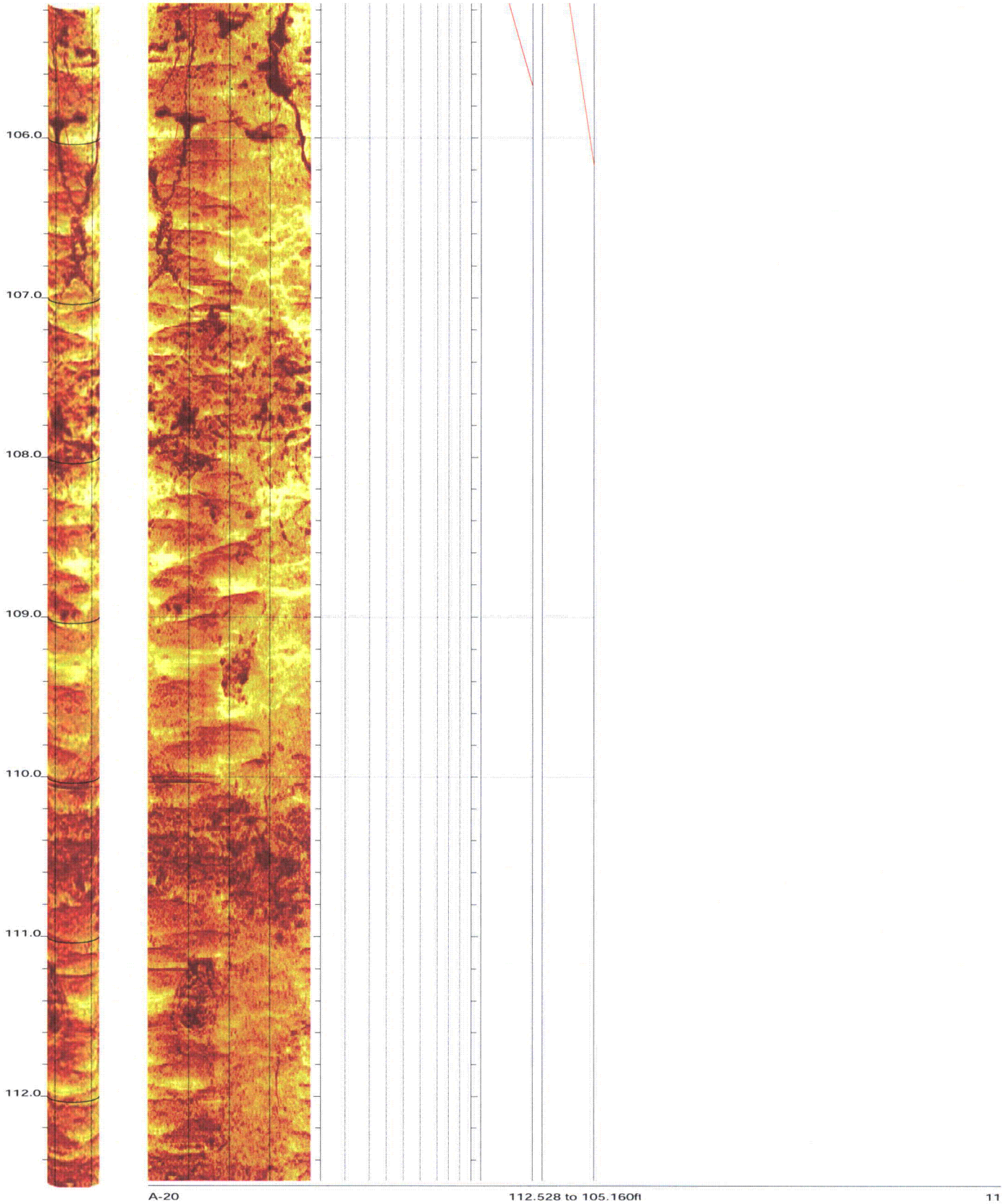
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 8 of 32



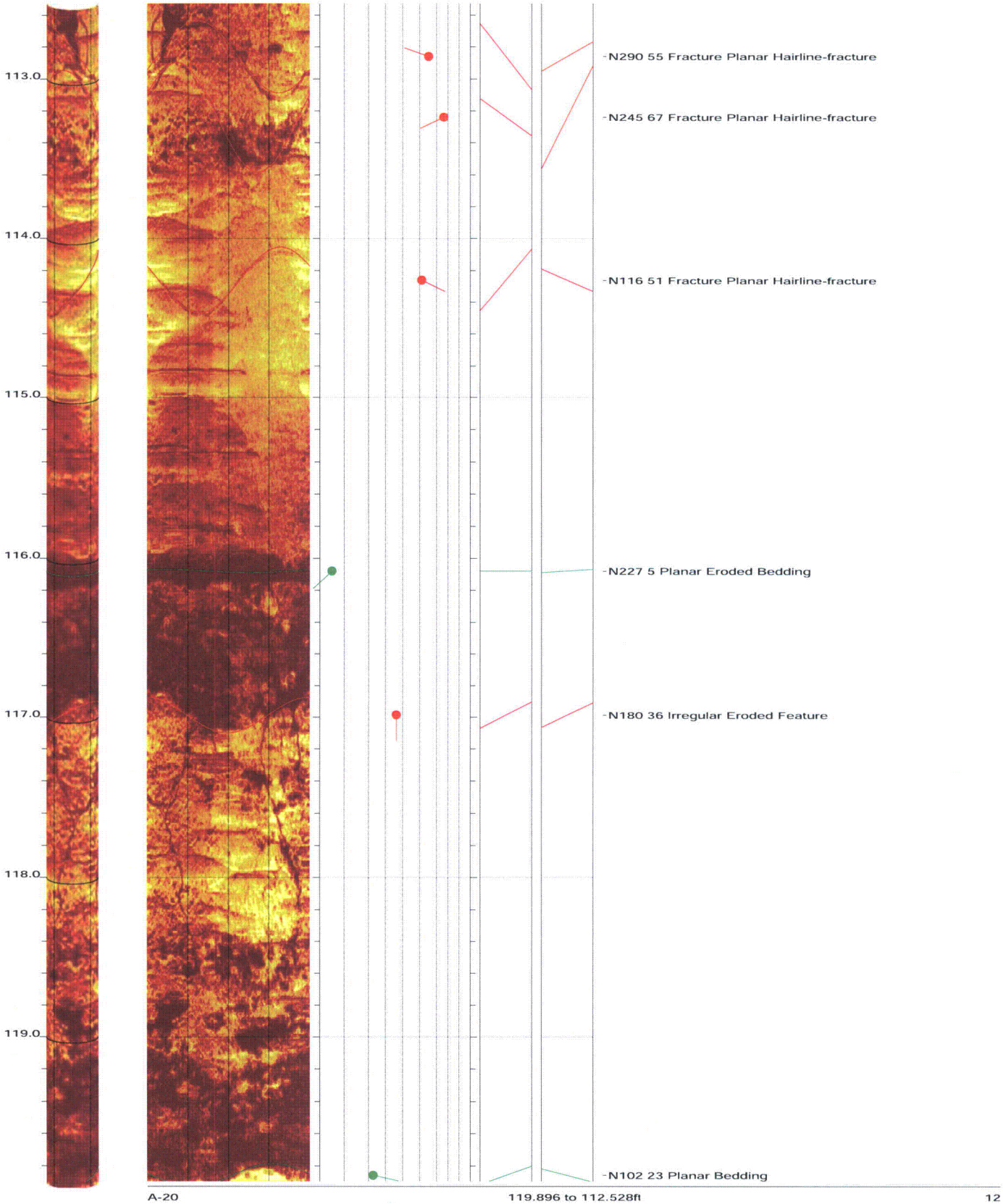
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 9 of 32



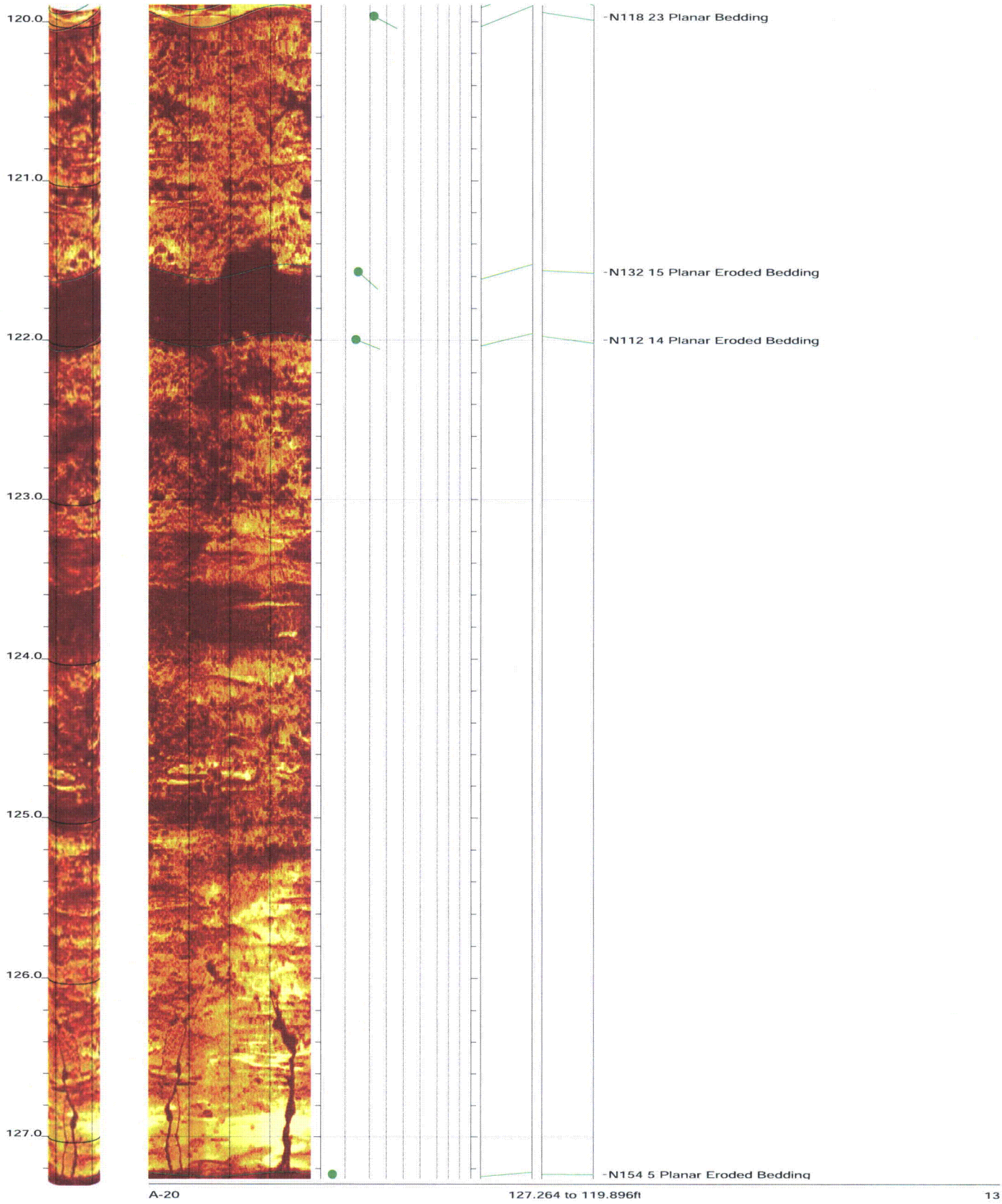
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 10 of 32



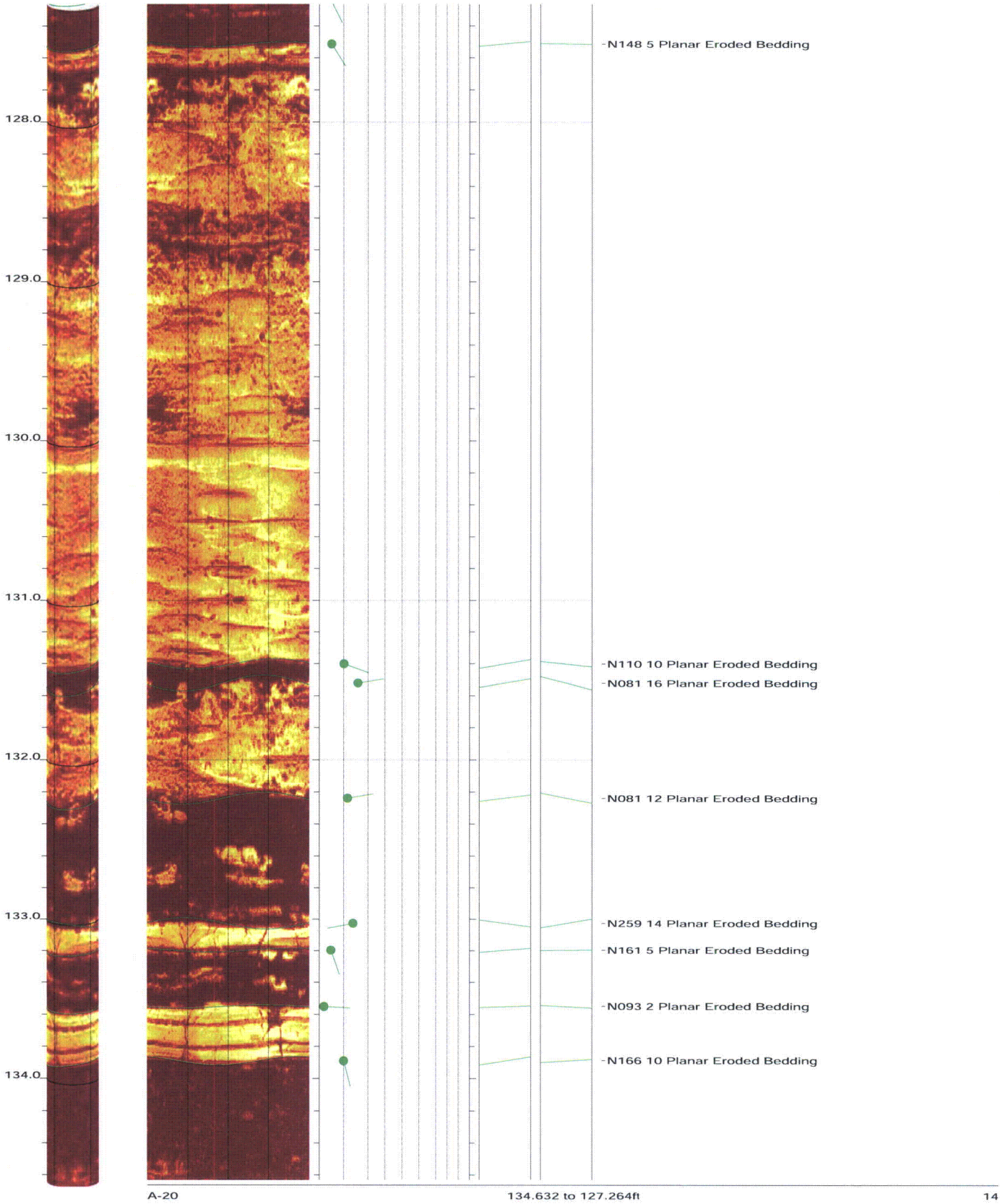
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 11 of 32



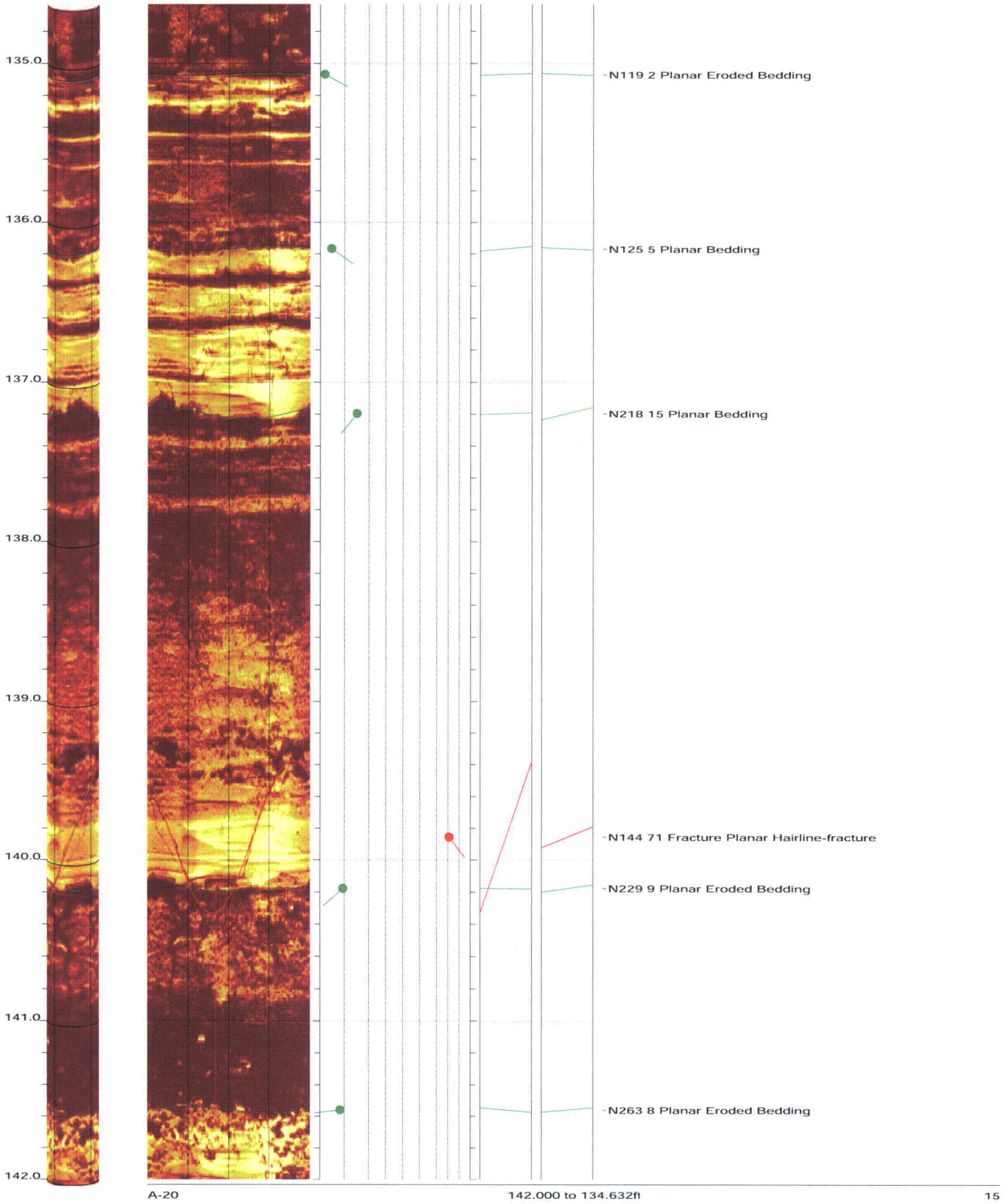
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 12 of 32



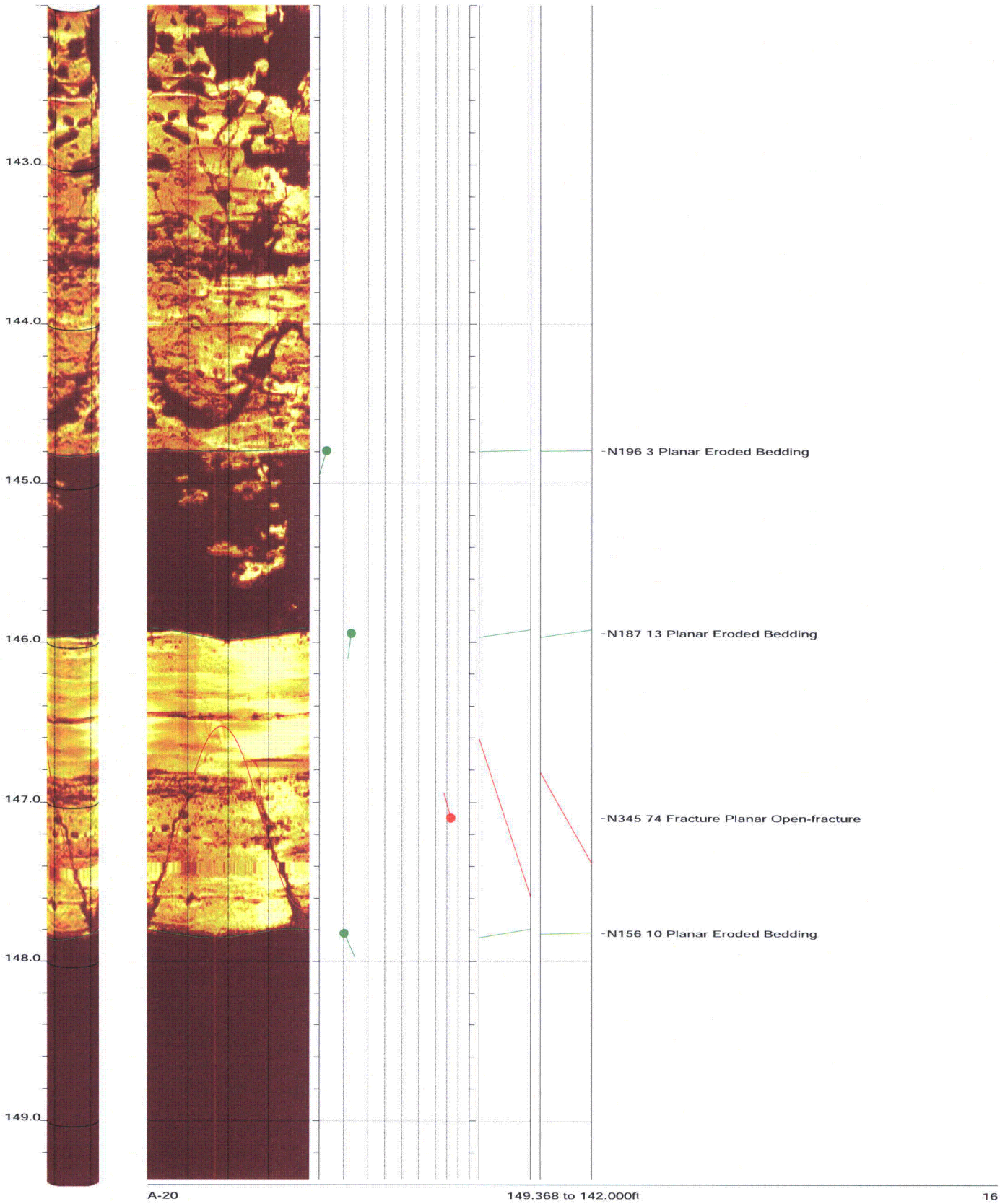
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 13 of 32



PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 14 of 32



PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 15 of 32



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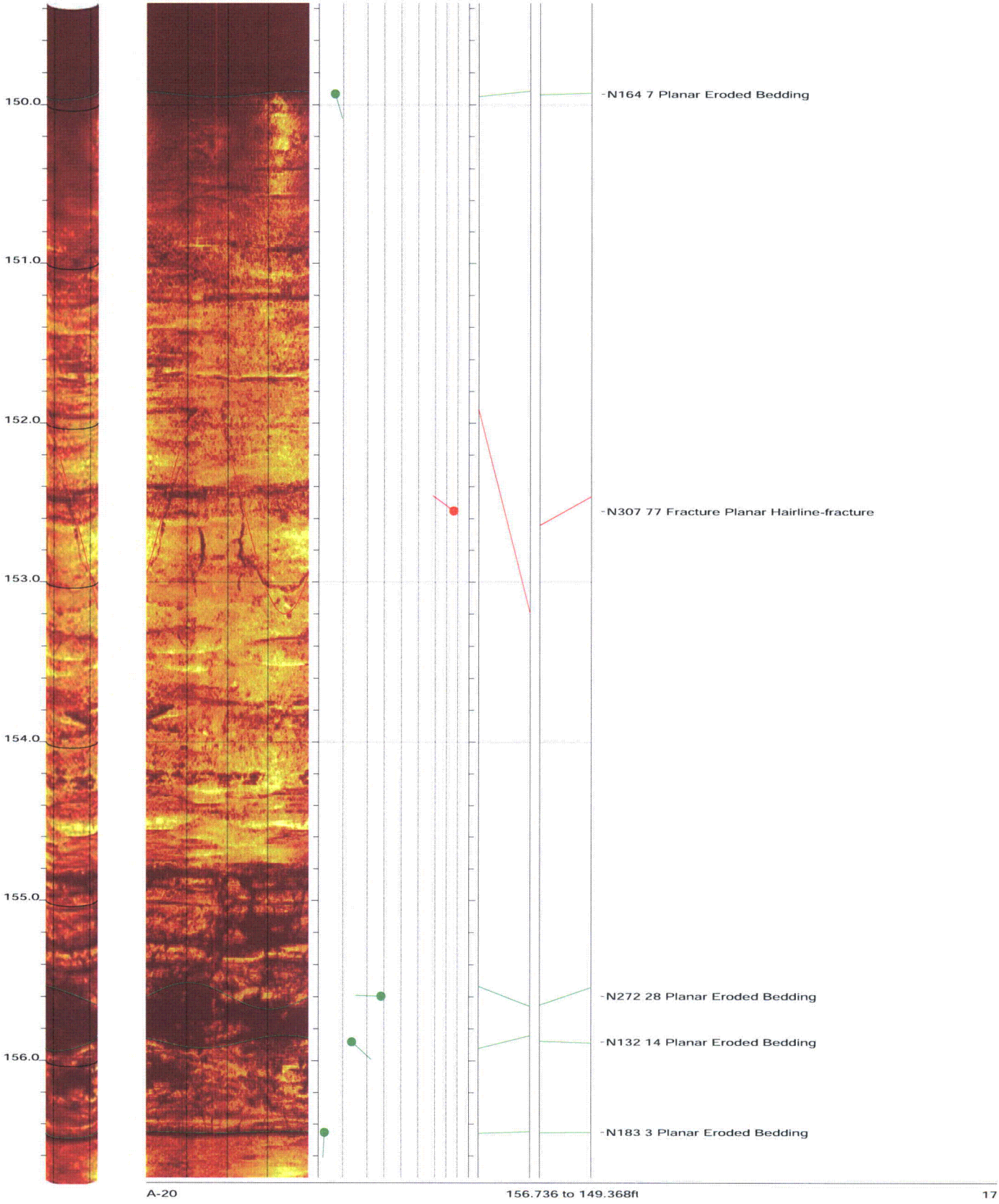
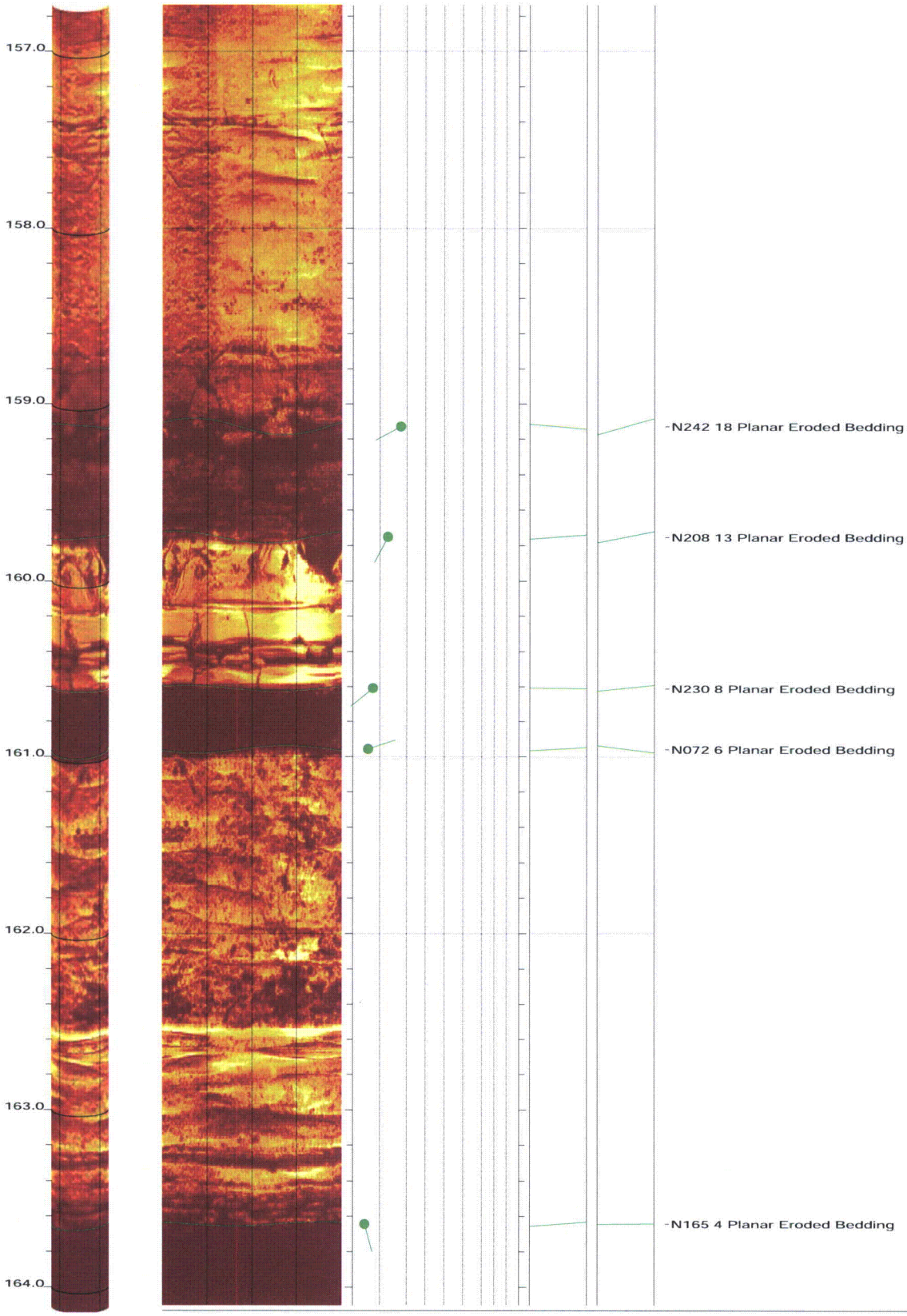
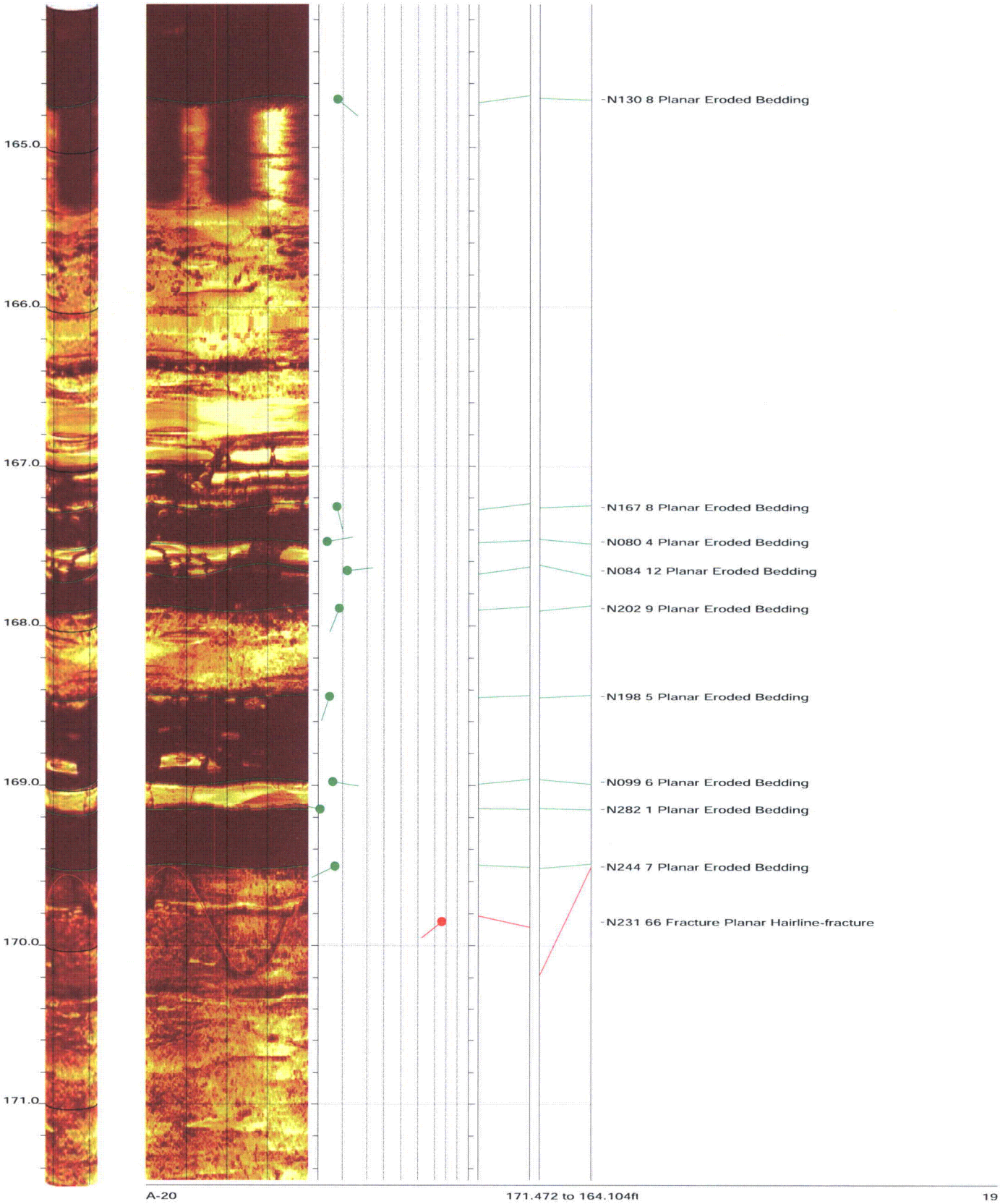


PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 17 of 32

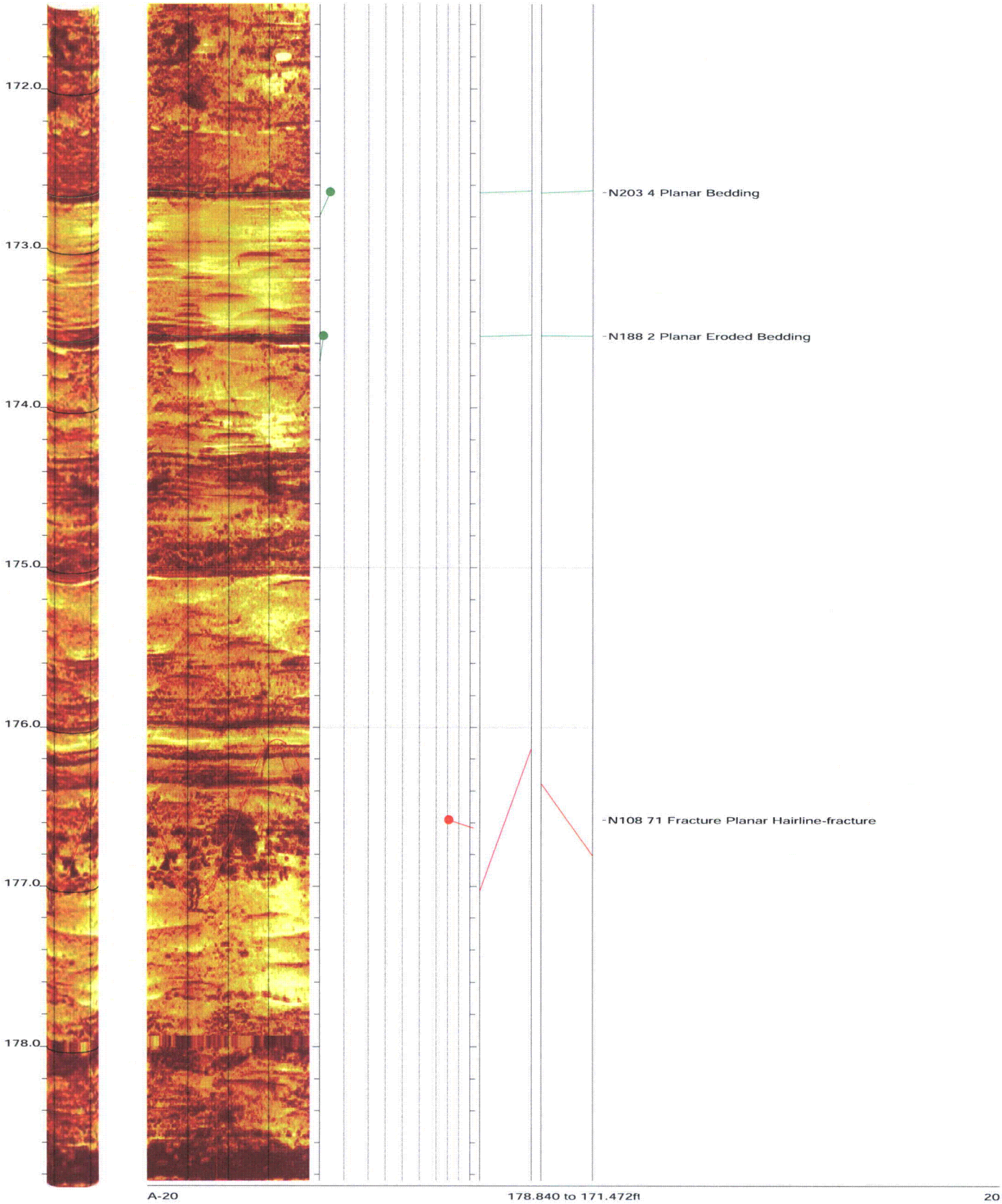


A-20 164.104 to 156.736ft 18

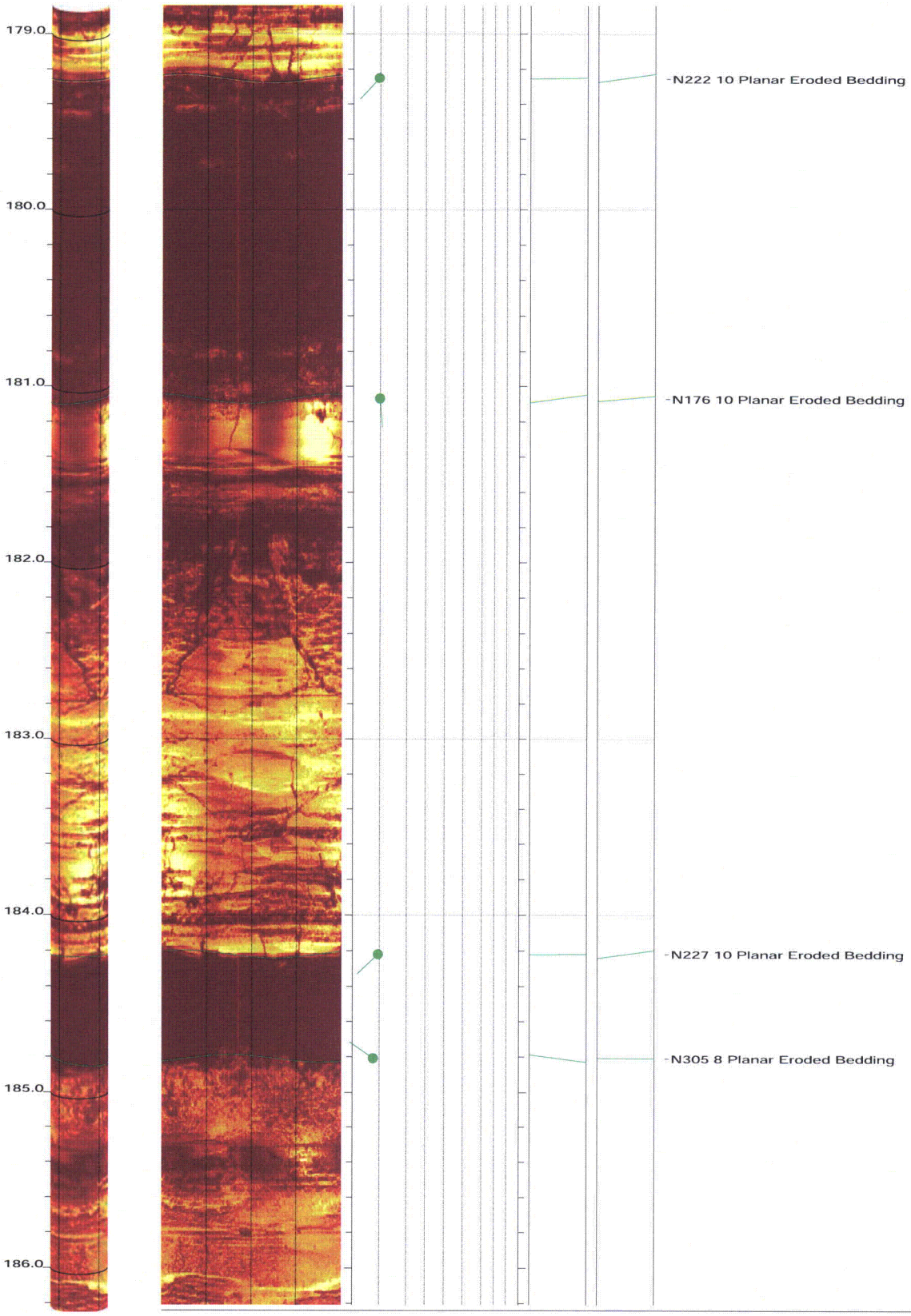
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 18 of 32



PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 19 of 32

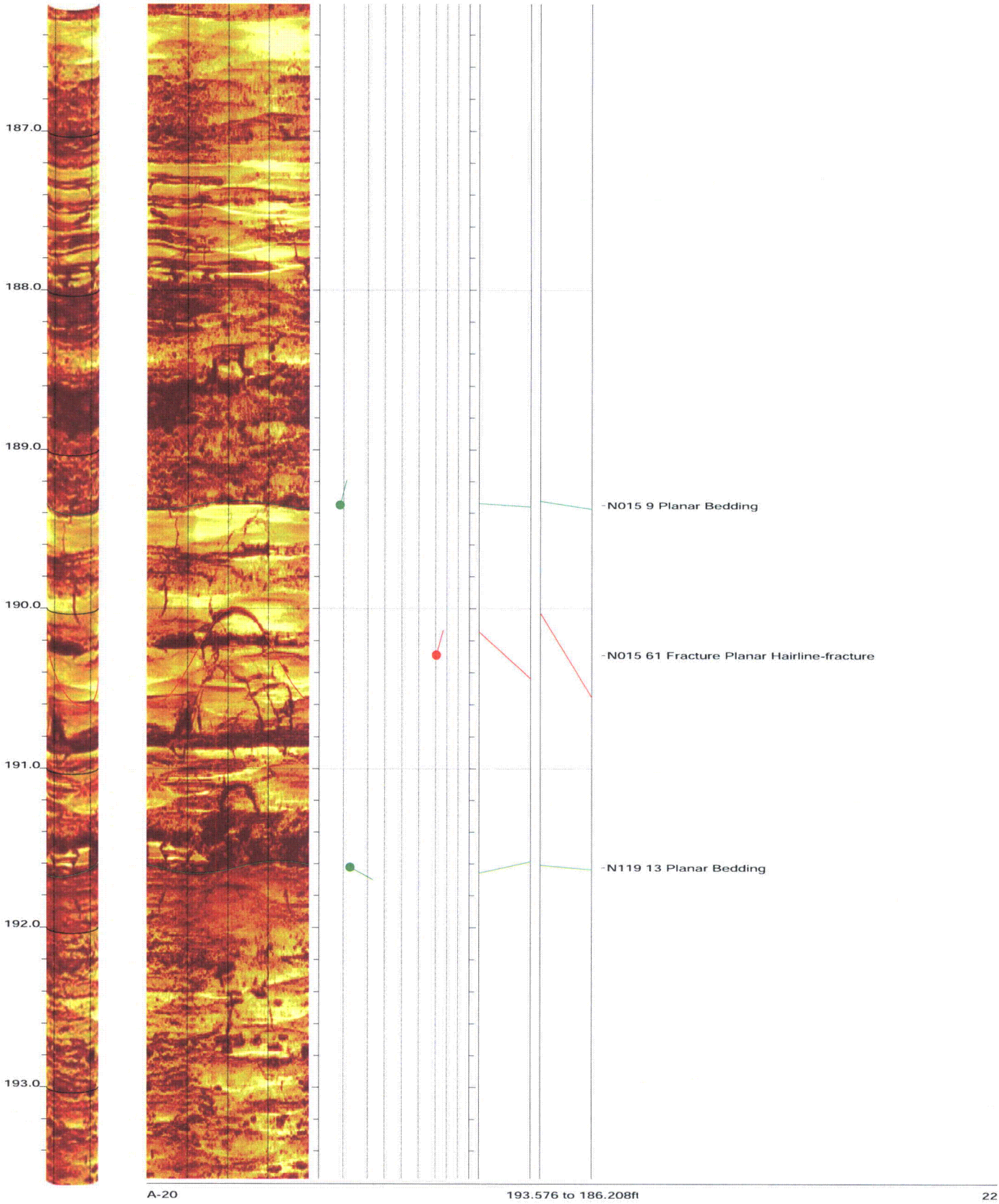


PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 20 of 32

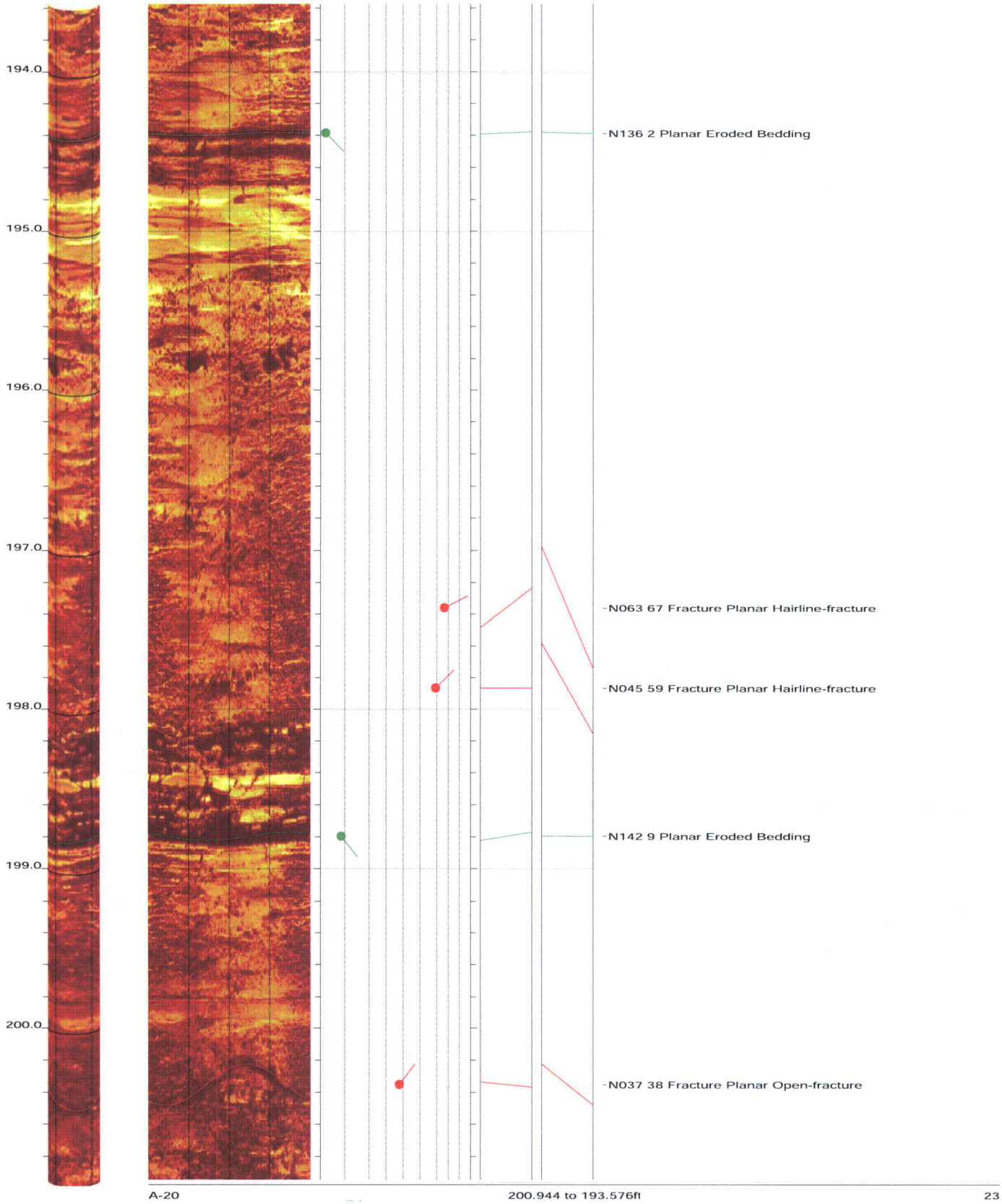


A-20 186.208 to 178.840ft 21

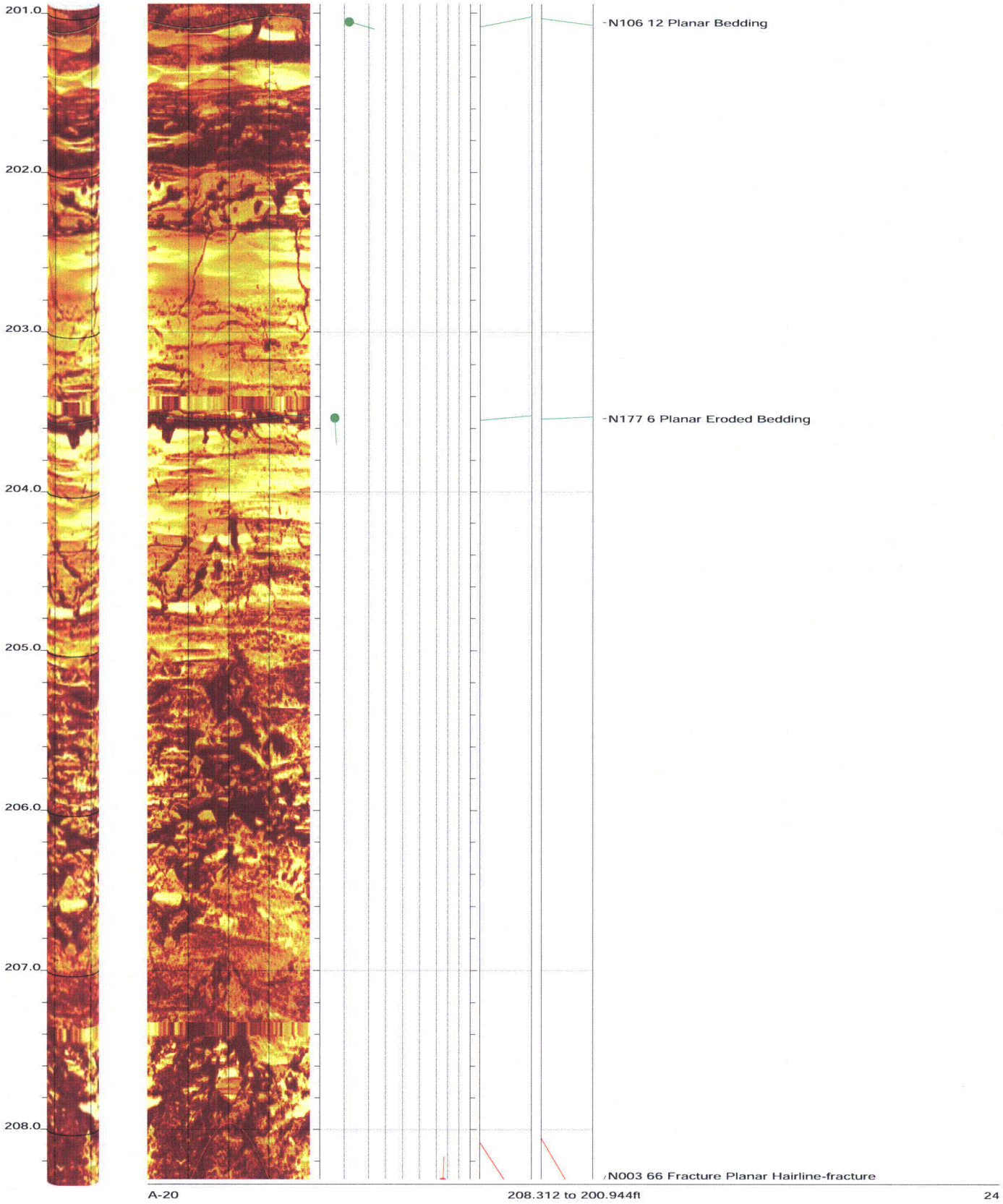
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 21 of 32



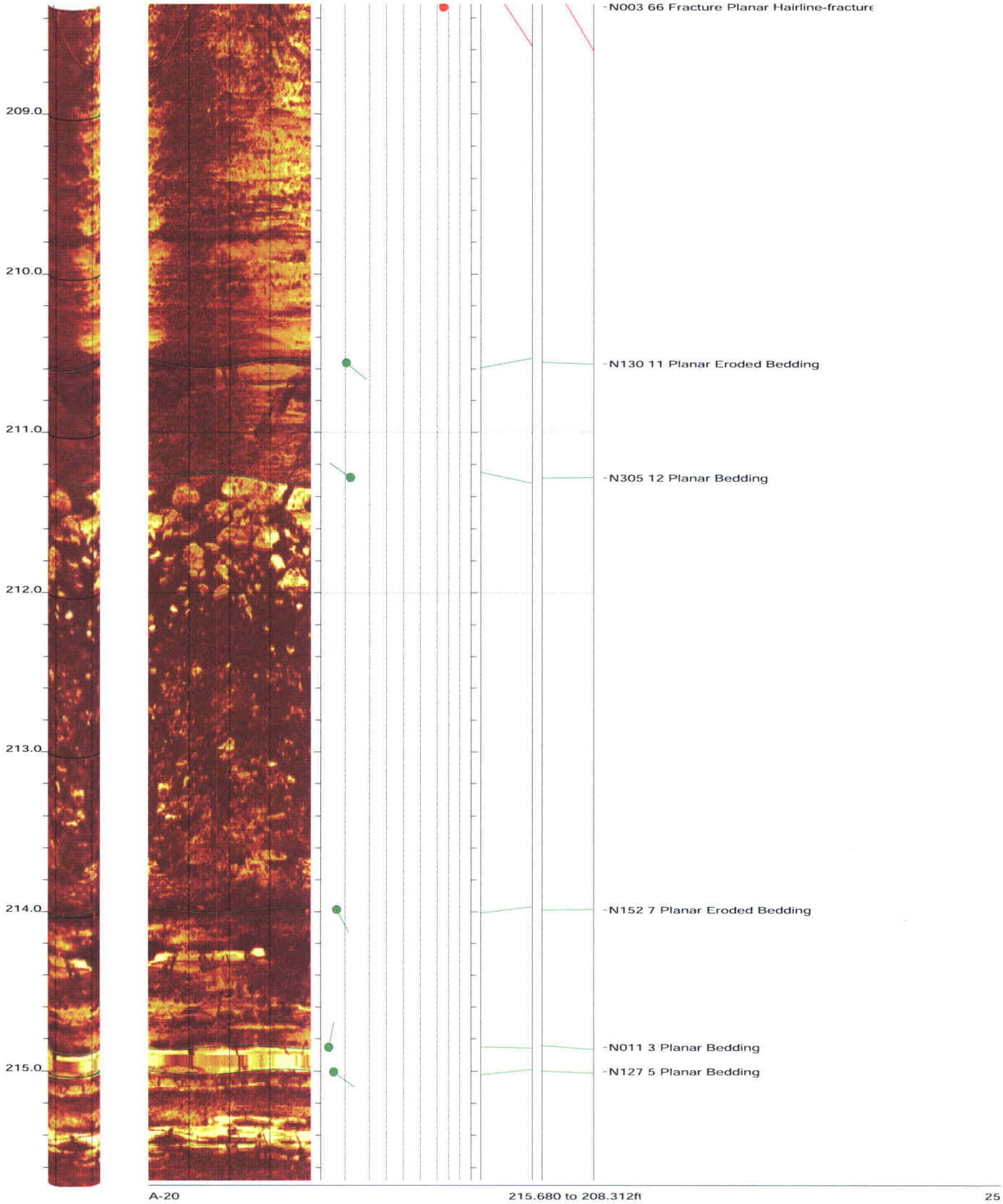
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 22 of 32



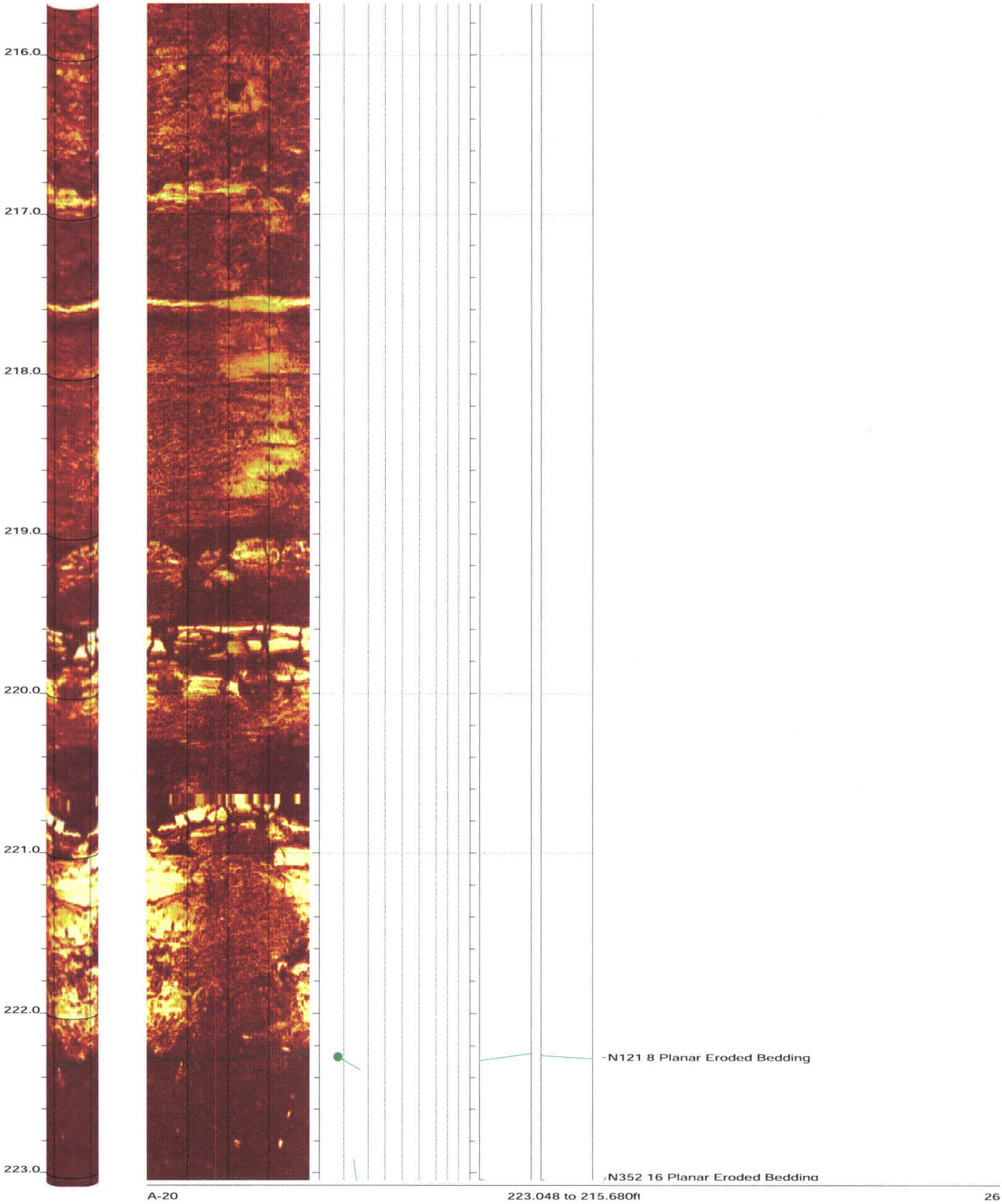
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 23 of 32



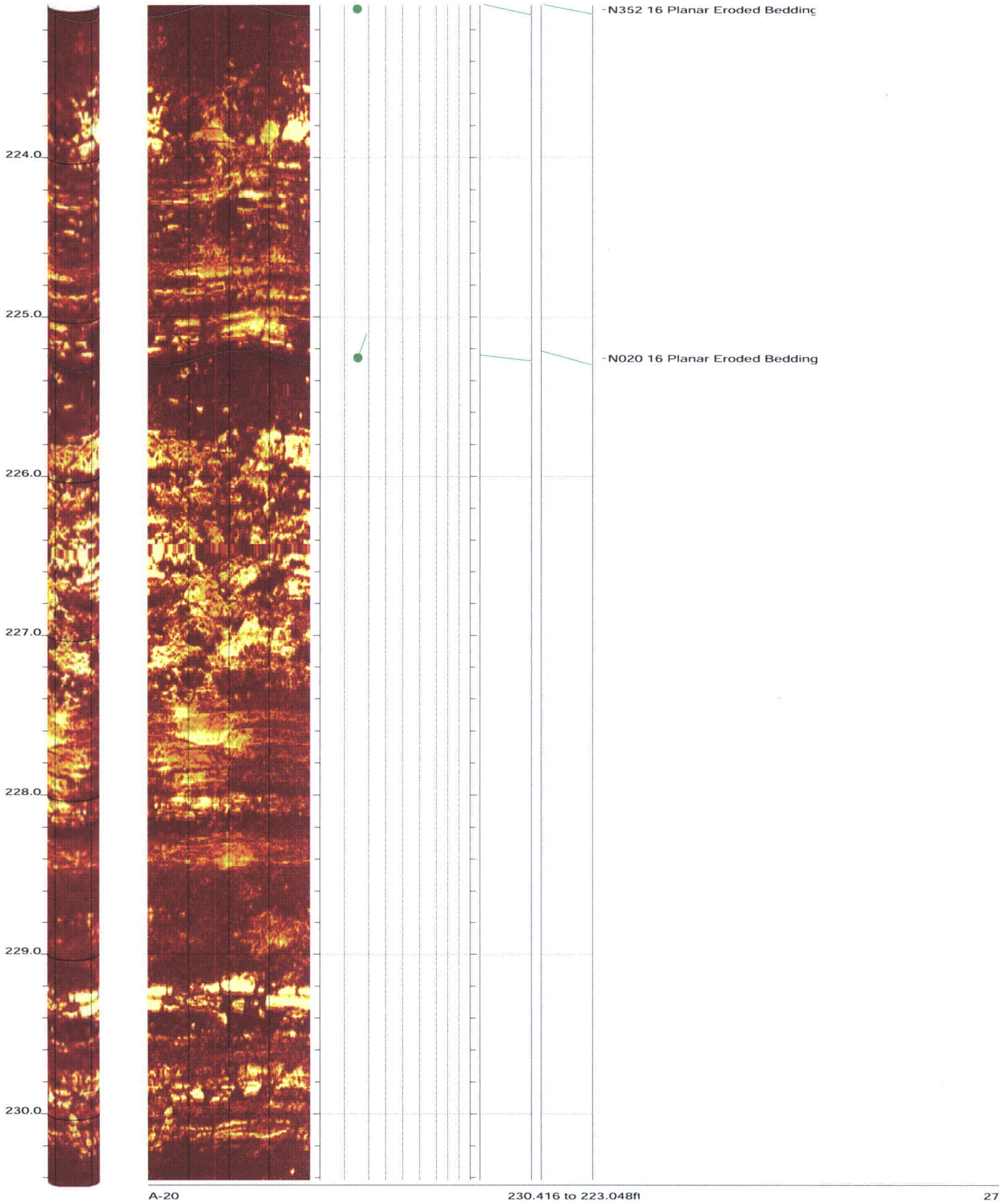
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 24 of 32



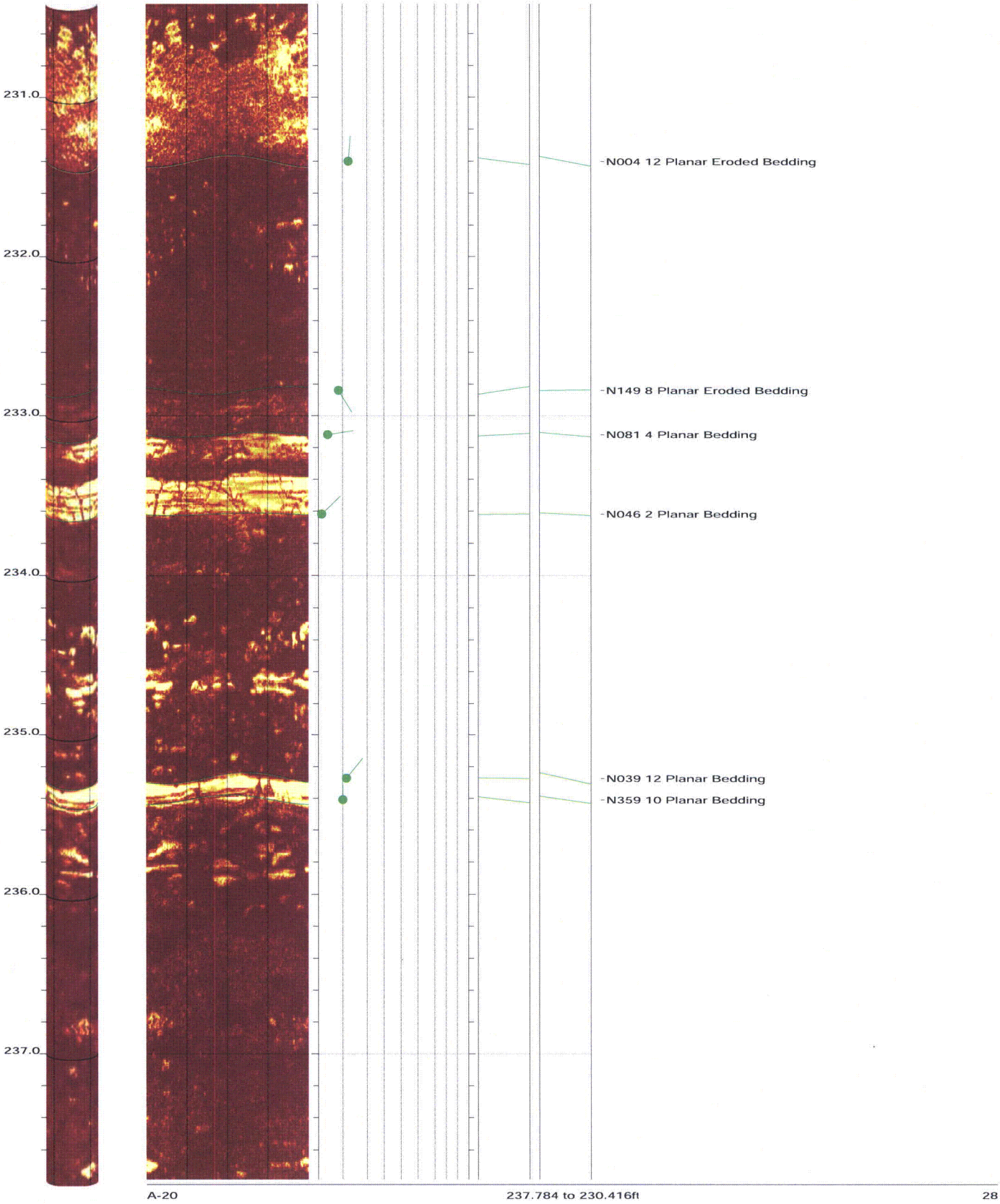
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 25 of 32



PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 26 of 32



PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 27 of 32



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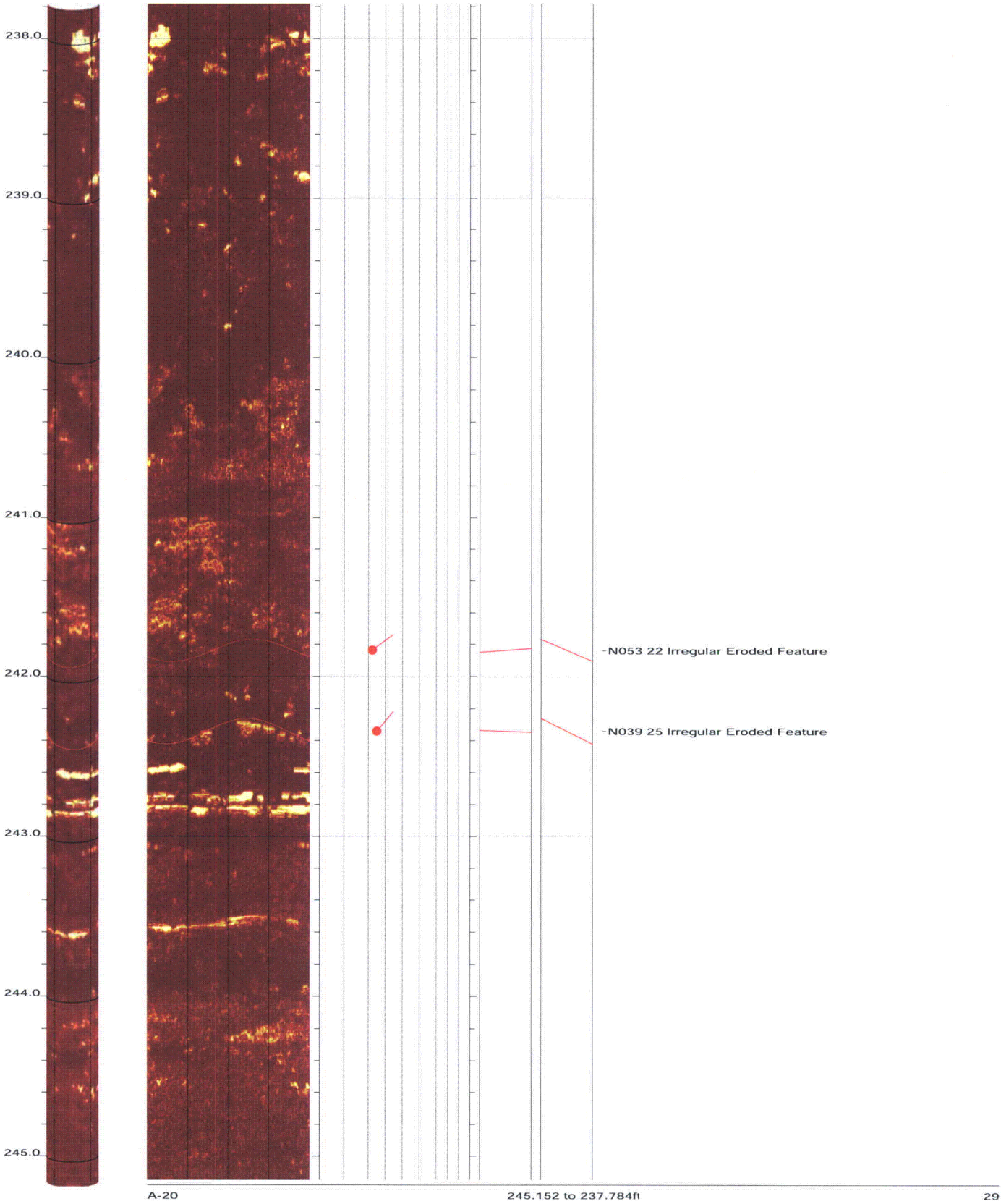
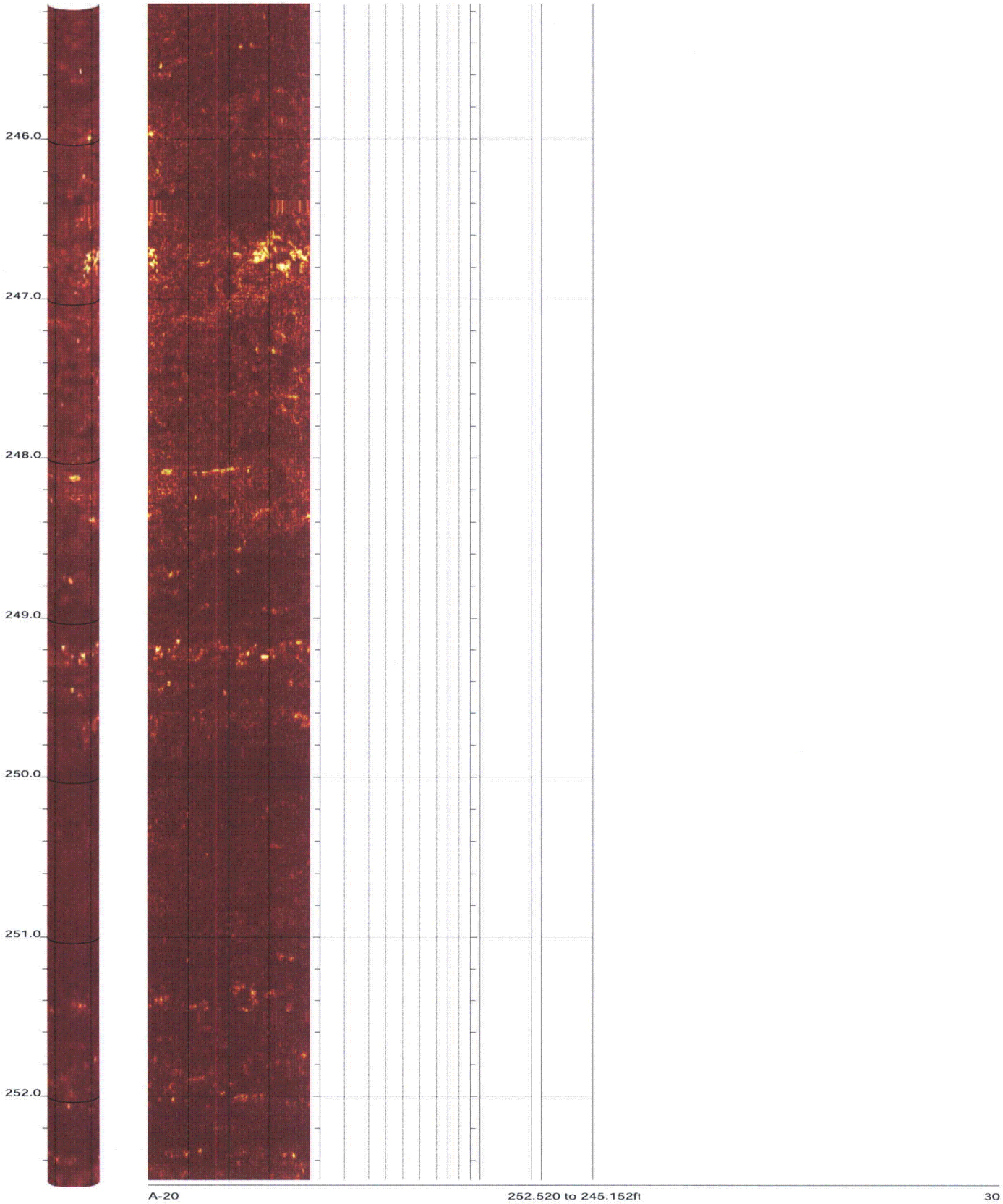
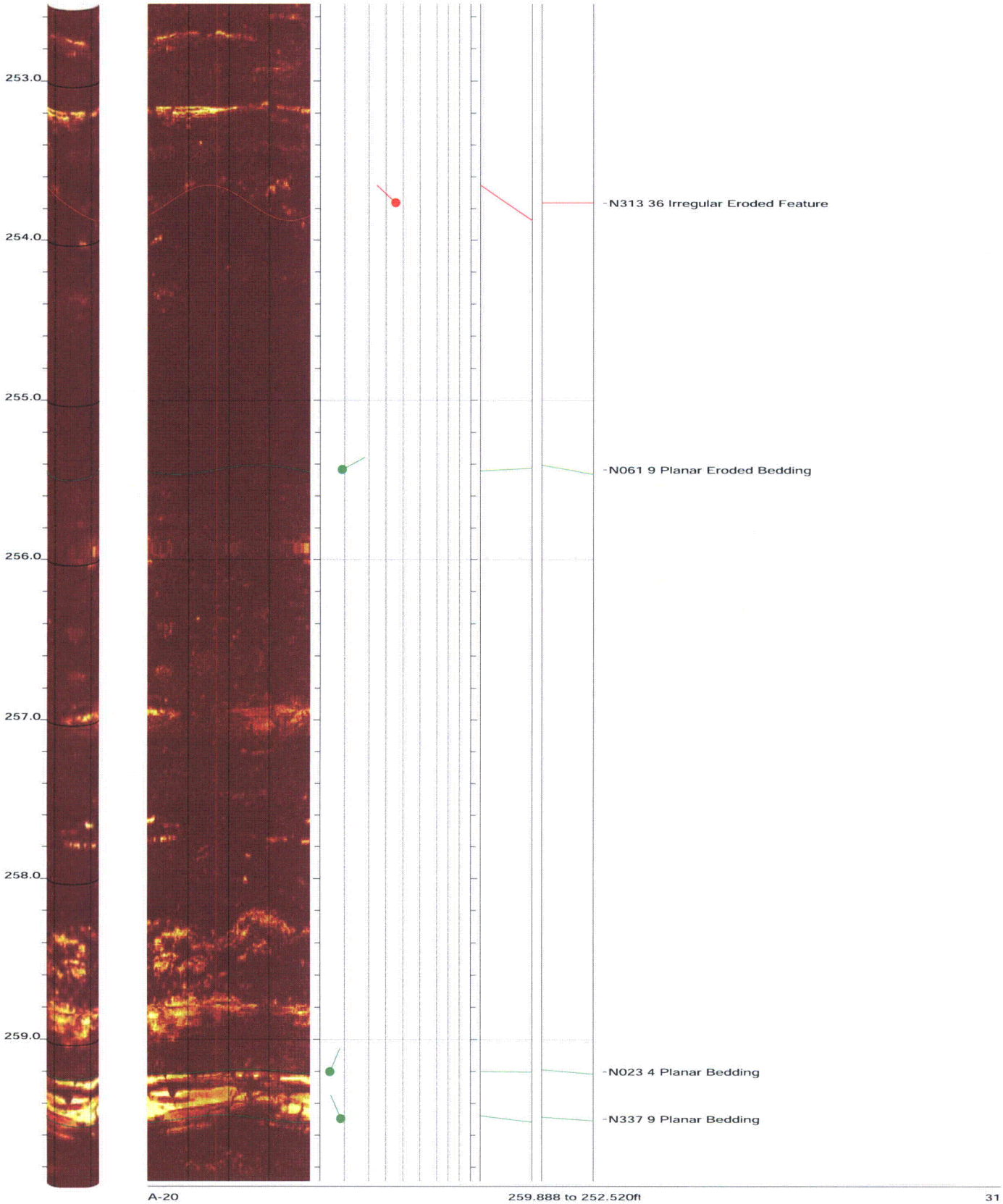


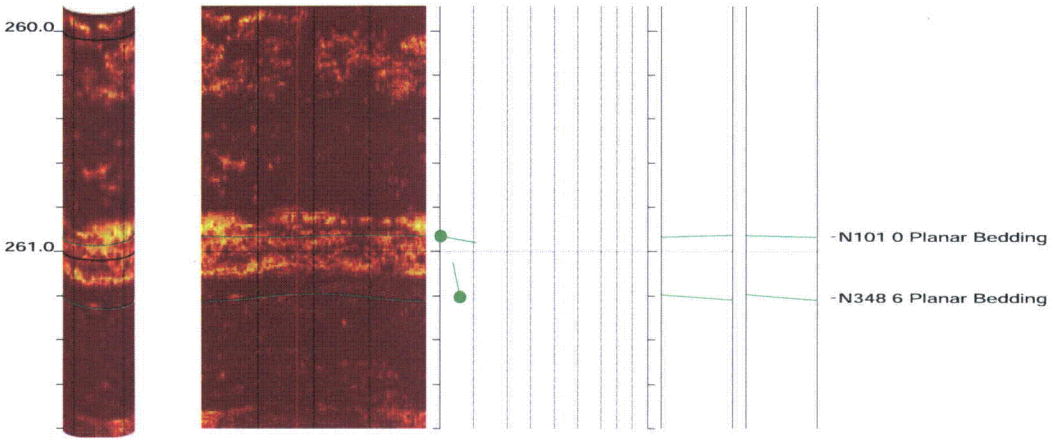
PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 29 of 32



PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 30 of 32



PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 31 of 32



A-20 261.800 to 259.888ft 32

PEF-LNP COLA Boring A-20 Acoustic Televiewer Dips rev 3 Sheet 32 of 32