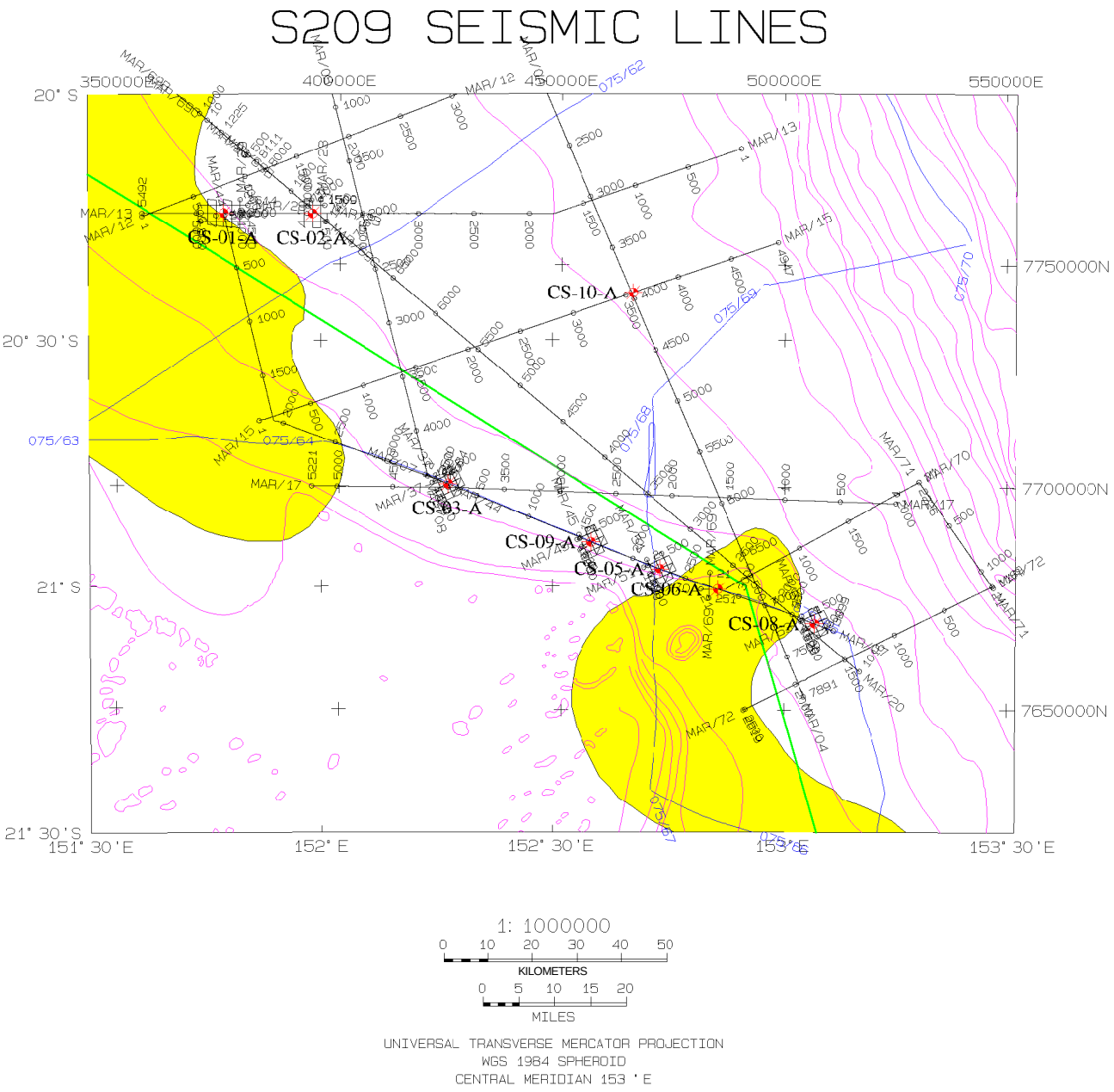

Figure 14. Track line for Leg 194 seismic data

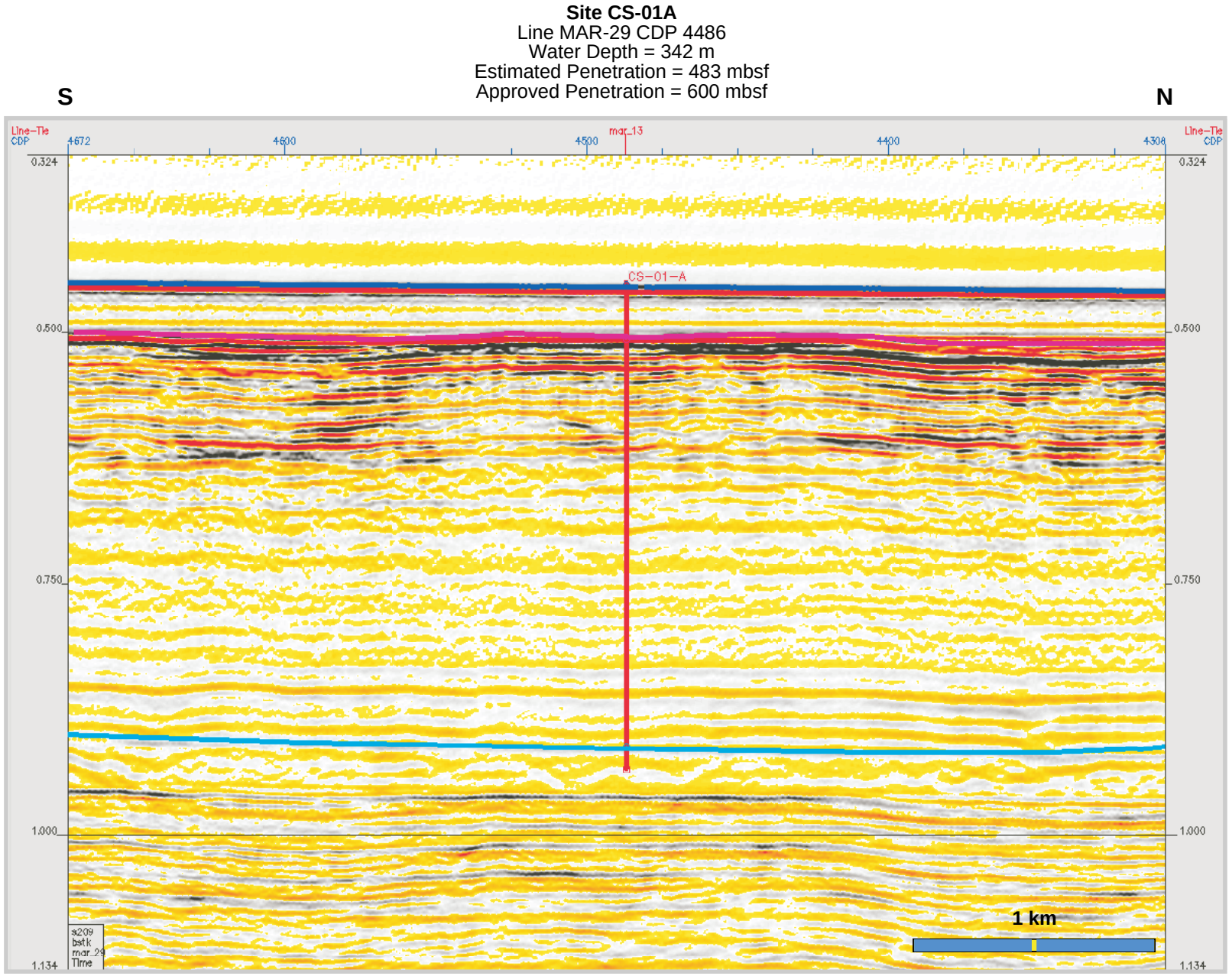

Figure 15. Detailed high-resolution north-south seismic section (two-way traveltime) used to locate Site CS-01A.

Site CS-01A
Line MAR-29 CDP 2315
Water Depth = 342 m
Estimated Penetration = 483 mbsf
Approved Penetration = 600 mbsf

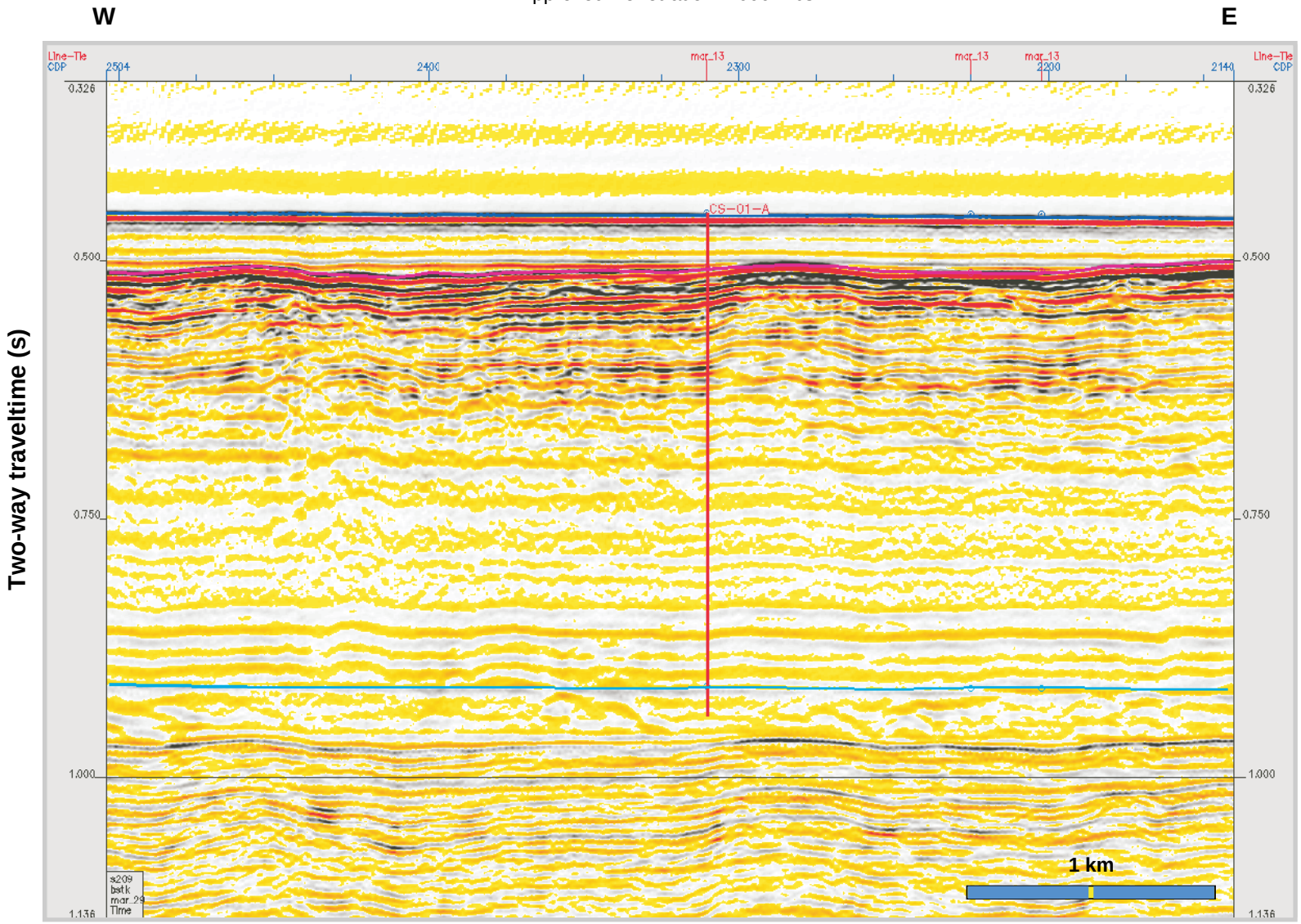

Figure 16. Detailed high-resolution east-west seismic section (two-way traveltime) used to locate Site CS-01A.

SITE SUMMARIES

Site: CS-01A

Priority: 1
Position: 20°14.53'S, 151°47.54'E
Water Depth: 342 m
Sediment Thickness: 474 m
Target Depth: 483 mbsf
Approved Maximum Penetration: 600 mbsf
Seismic Coverage: Regional Line MAR-13, shotpoint 4751; crossing Line MAR-29, CDPs 2315 and 4486

Objectives: The objectives of Site CS-01A are the following.

1. Determine the age of the MP2 platform drowning phase.
2. Determine the age and duration of regional unconformities.
3. Determine the total thickness of MP2.
4. Determine the age of the initial marine transgression over basement.
5. Determine the age and nature of the basement.
6. Measure and describe fluid flow within the MP2 platform.
7. Describe the MP2 platform carbonates.
8. Calibrate the seismic sequence stratigraphy.

Drilling Program: Double APC/XCB to refusal (3-4 cores), RCB (~1 core into basement); ADCB in selected intervals

Logging and Downhole Operations: Triple-combo, sonic-FMS, WST, GHMT (if available)

Nature of Rock Anticipated: 33 m of hemipelagic ooze overlying dolomitized reefal carbonates; underlying basement composed of Paleozoic quartz-feldspar mafic metasediment

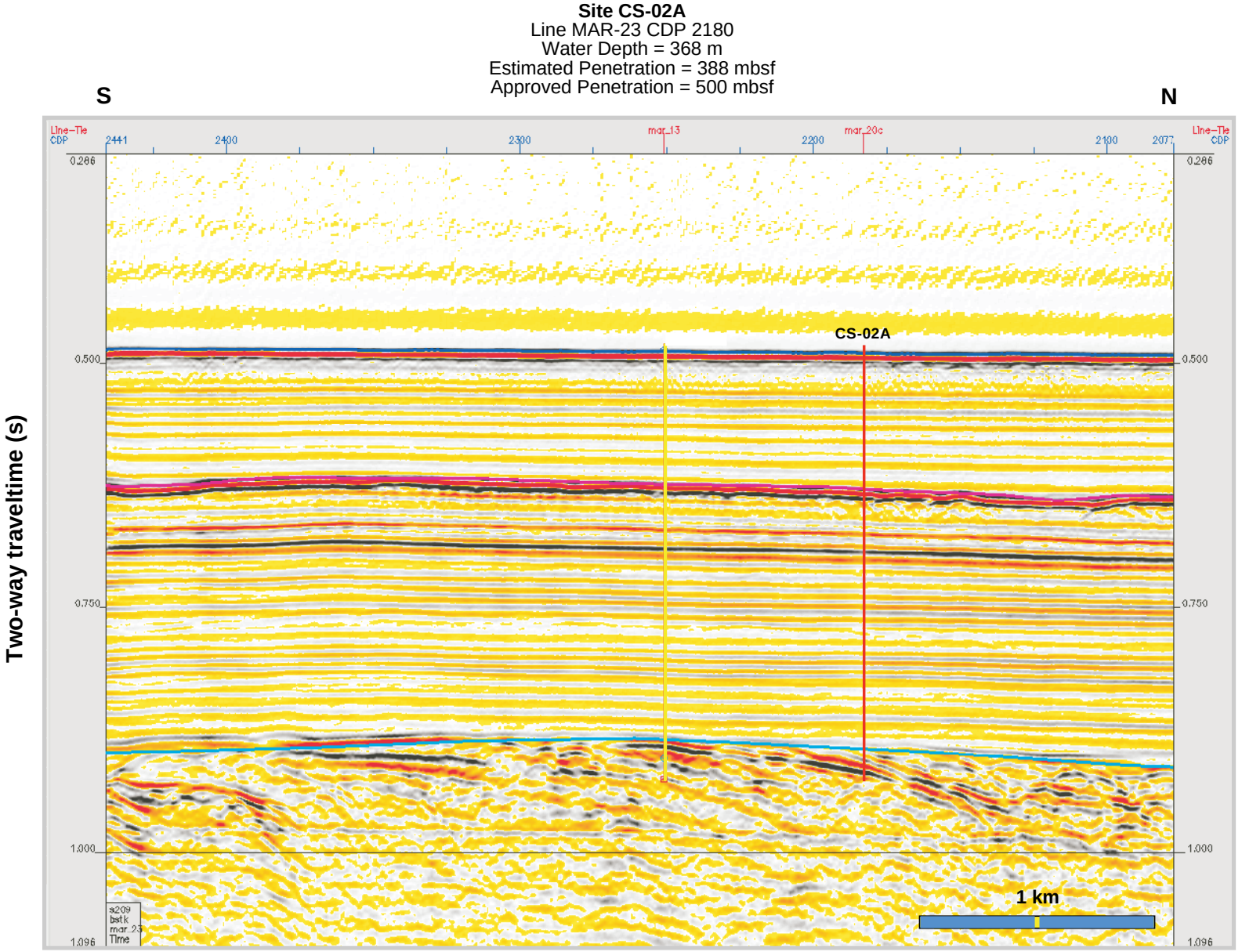

Figure 17. Detailed high-resolution north-south seismic section (two-way traveltime) used to locate Site CS-02A.

Site CS-02A
Line MAR-23 CDP 720
Water Depth = 368 m
Estimated Penetration = 388 mbsf
Approved Penetration = 500 mbsf

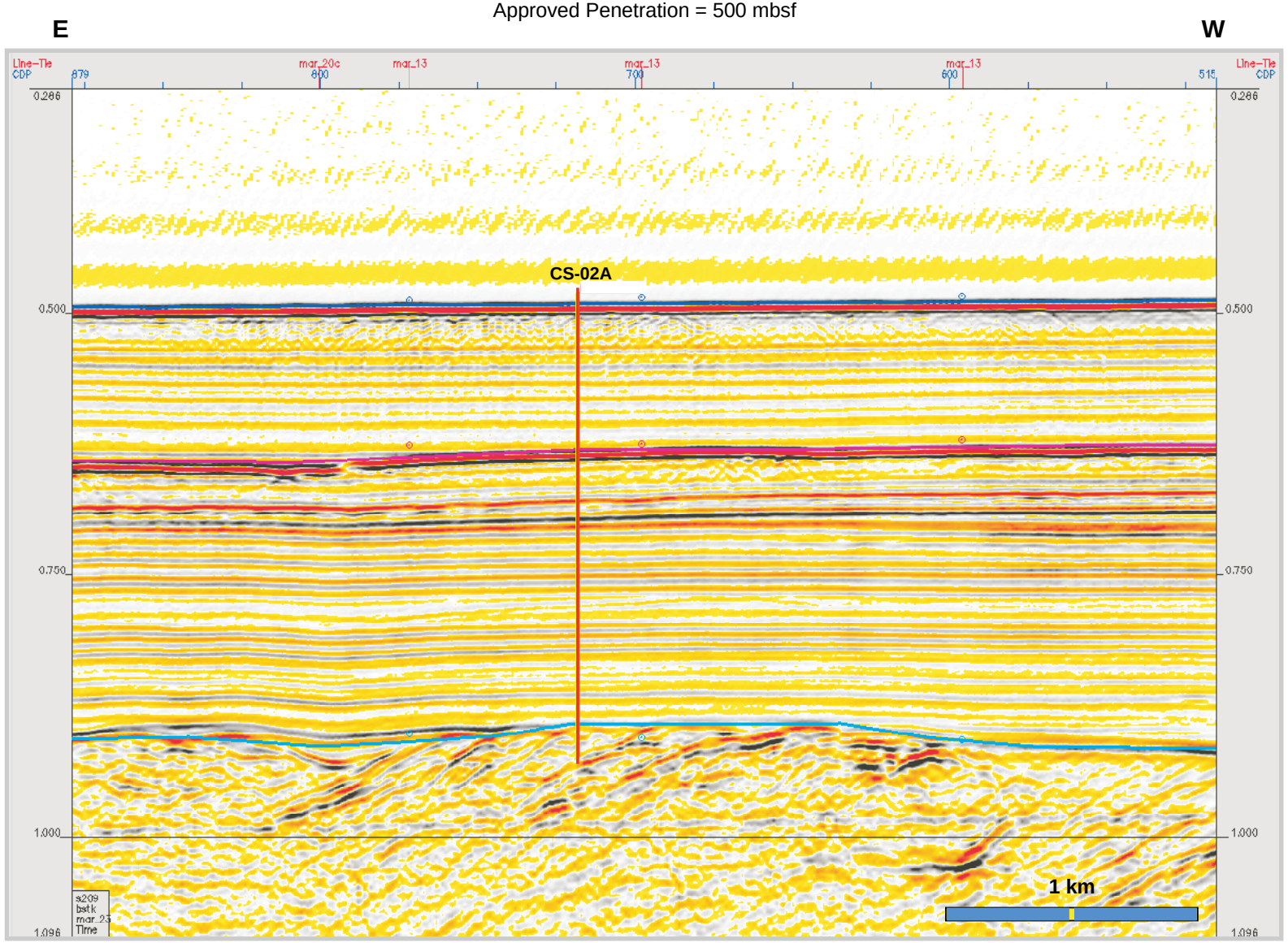

Figure 18. Detailed high-resolution east-west seismic section (two-way traveltime) used to locate Site CS-02A.

Site: CS-02A

Priority: 1
Position: 20°14.10'S, 151°59.03'E
Water Depth: 368 m
Sediment Thickness: 379 m
Target Depth: 388 mbsf
Approved Maximum Penetration: 500 mbsf
Seismic Coverage: Regional Line MAR-13; crossing Line MAR-23, CDPs 720 and 2180

Objectives: The objectives of Site CS-02A are the following.

1. Determine the age and describe the facies of Megasequences B-D, particularly the prograding, proximal slope sediments from MP2.
2. Determine the age and duration of unconformities that can be carried into the platform.
3. Determine the age of initial marine transgression over basement.
5. Determine the age and nature of the basement.
6. Measure and describe fluid flow and diagenetic processes within the MP platform and adjacent sediments.
7. Calibrate the seismic sequence stratigraphy.

Drilling Program: Double APC/XCB to refusal, XCB or RCB (~1 core into basement)

Logging and Downhole Operations: Triple-combo, sonic-FMS, WST, GHMT (if available)

Nature of Rock Anticipated: Approximately 119 m of hemipelagic ooze overlying ~260 m of periplatform ooze, wackestones with some mudstones, siltstones, and turbidites; underlying basement composed of Paleozoic quartz-feldspar mafic metasediment

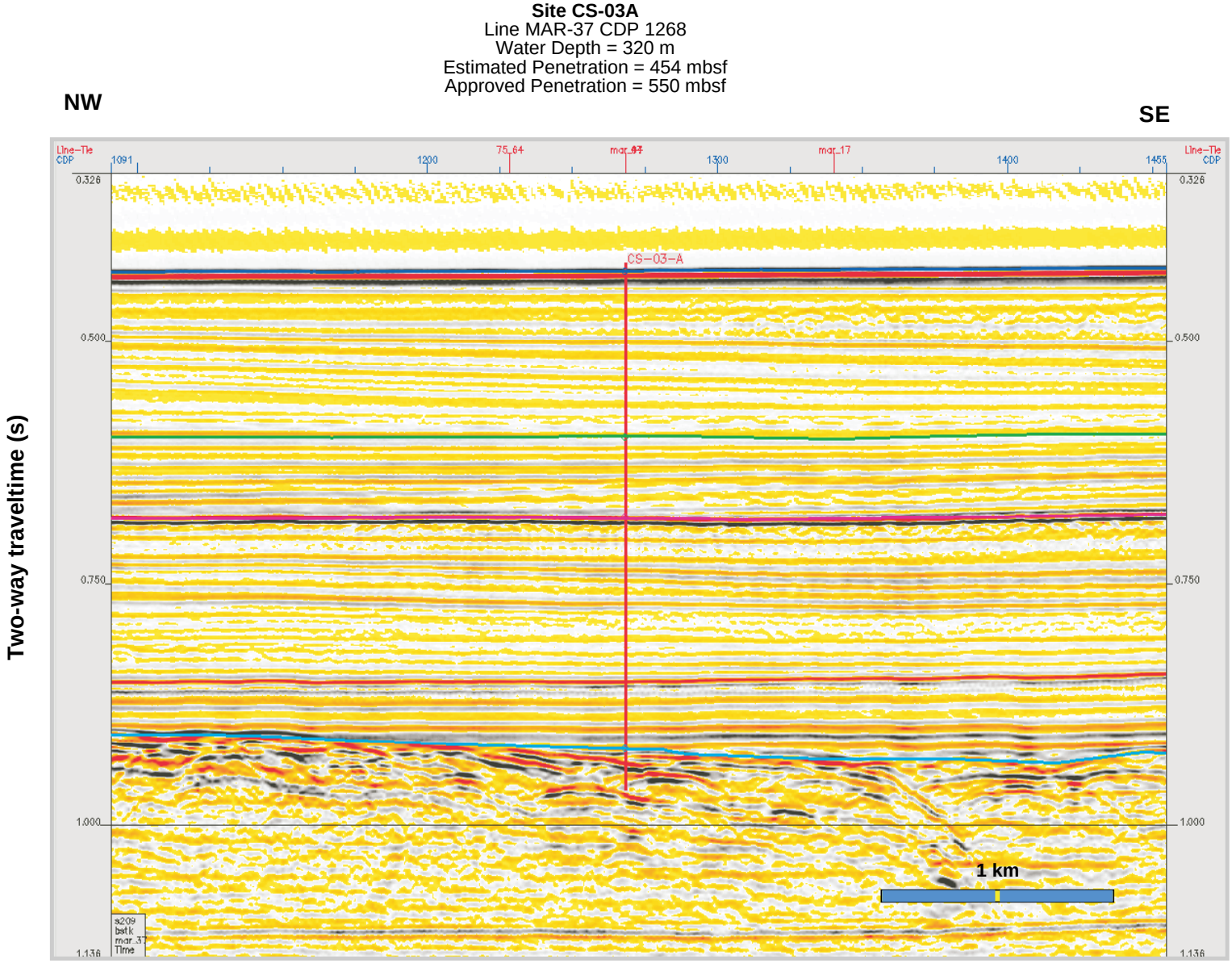

Figure 19. Detailed high-resolution northwest-southeast seismic section (two-way traveltime) used to locate Site CS-03A.

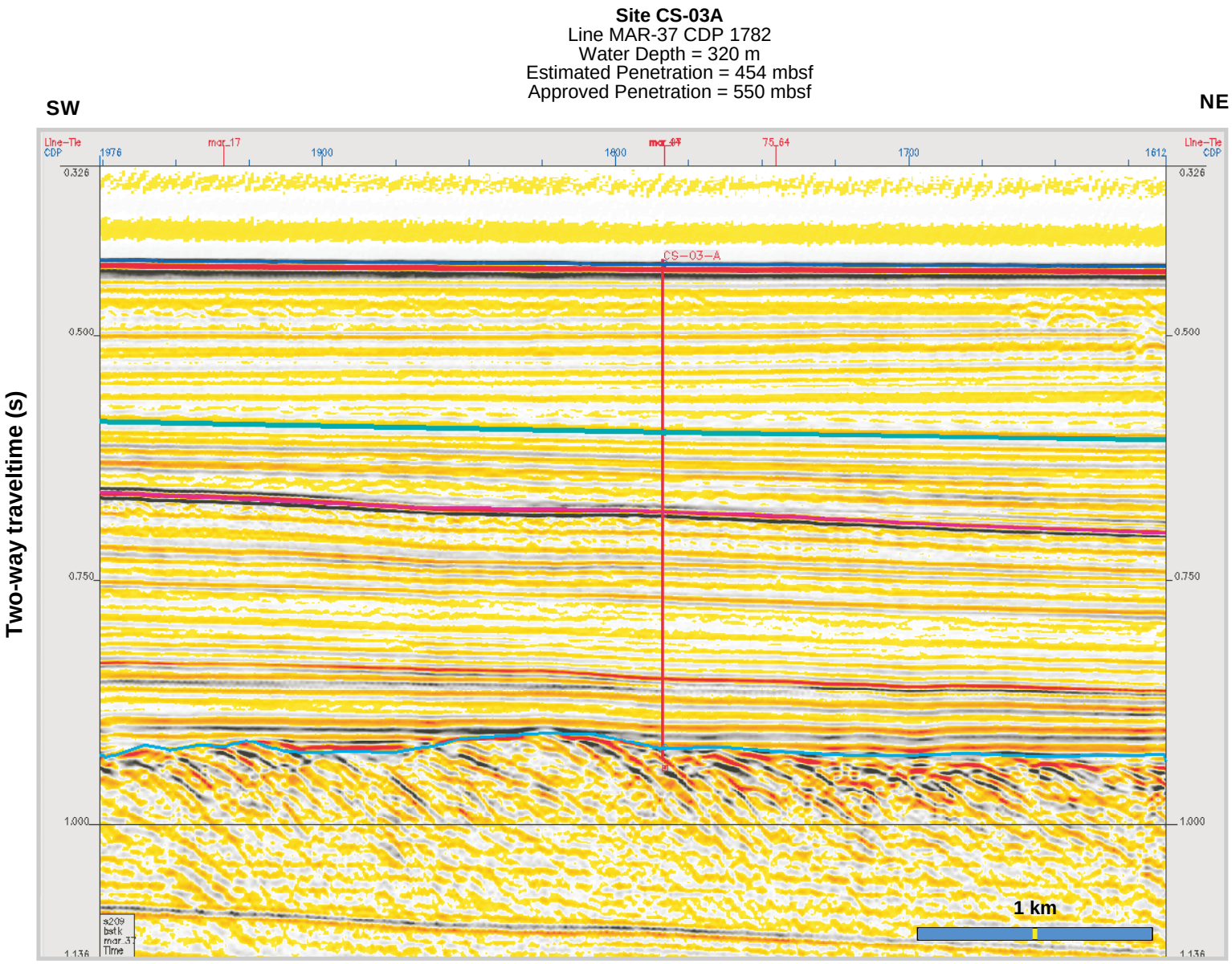

Figure 20. Detailed high-resolution northeast-southwest seismic section (two-way traveltime) used to locate Site CS-03A.

Site: CS-03A

Priority: 2
Position: 20°47.57'S, 152°16.51'E
Water Depth: 320 m
Sediment Thickness: 445 m
Target Depth: 454 mbsf
Approved Maximum Penetration: 550 mbsf
Seismic Coverage: Intersection of regional Line MAR-07 (shotpoint 223) with Line MAR-44 (shotpoint 3584); crossing Line: MAR-37 at shotpoints 887 and 630, CDPs 1782 and 1268

Objectives: The objectives of Site CS-03A are the following.

1. Determine the age and and describe the facies of Megasequences B-D.
2. Determine the age of the initial marine transgression over basement.
3. Determine the age and describe the facies of lowstand deposits.
4. Determine the age and nature of the basement.
5. Measure fluid-flow processes within the MP2 platform and adjacent sediments.
6. Determine the lithologic signature of basinward unconformities.
7. Calibrate the seismic sequence stratigraphies.

Drilling Program: Double APC/XCB to refusal, XCB or RCB (~1 core) into basement

Logging and Downhole Operations: Triple-combo, sonic-FMS, WST, GHMT (if available)

Nature of Rock Anticipated: Approximately 180 m of hemipelagic ooze overlying ~265 m of periplatform ooze, wackestones with some siltstones and mudstones; underlying basement composed of Paleozoic quartz-feldspar mafic metasediment

Site CS-05A
Line MAR-51 CDP 1290
Water Depth = 331 m
Estimated Penetration = 478 mbsf
Approved Penetration = 575 mbsf

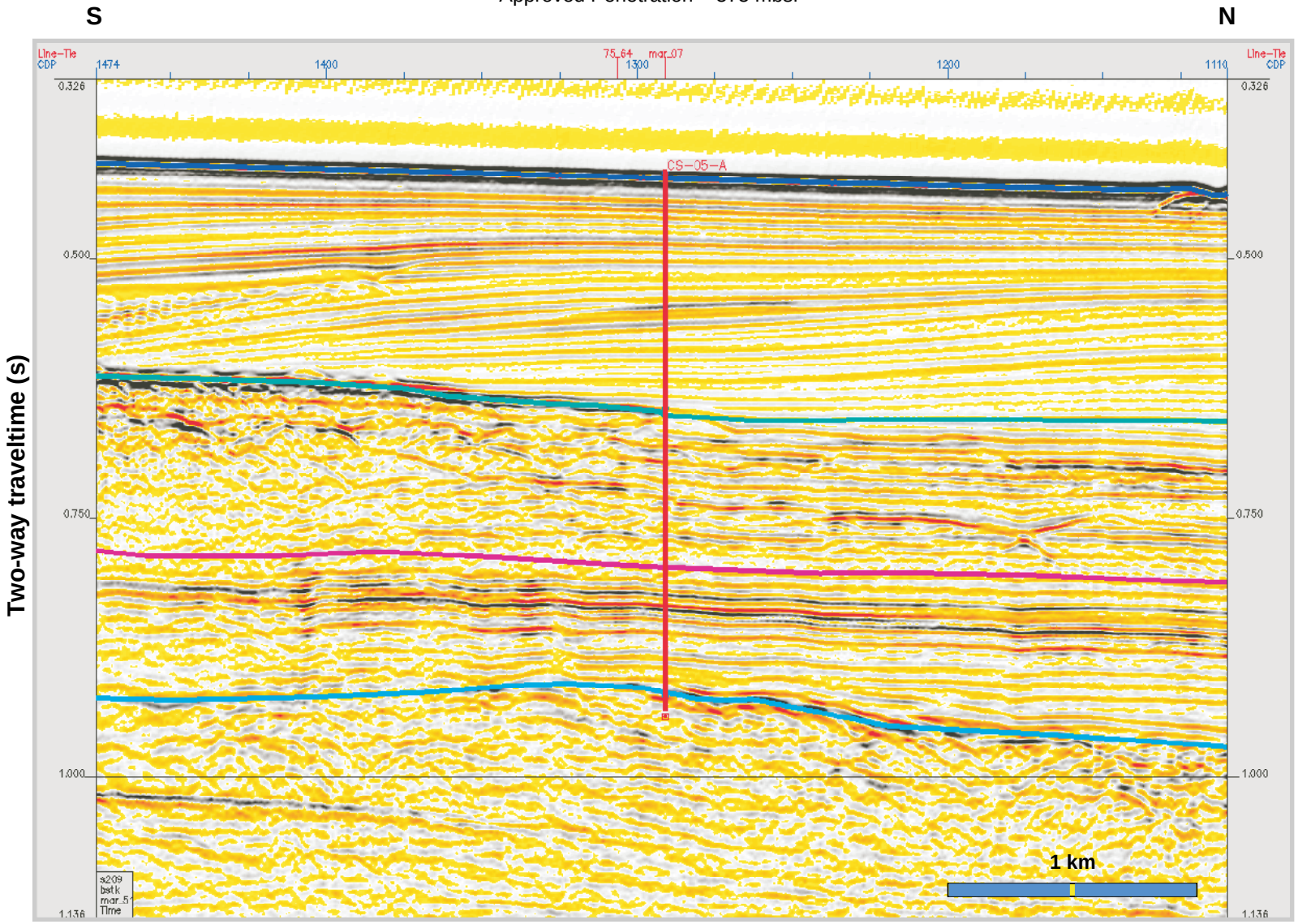

Figure 21. Detailed high-resolution north-south seismic section (two-way traveltime) used to locate Site CS-05A.

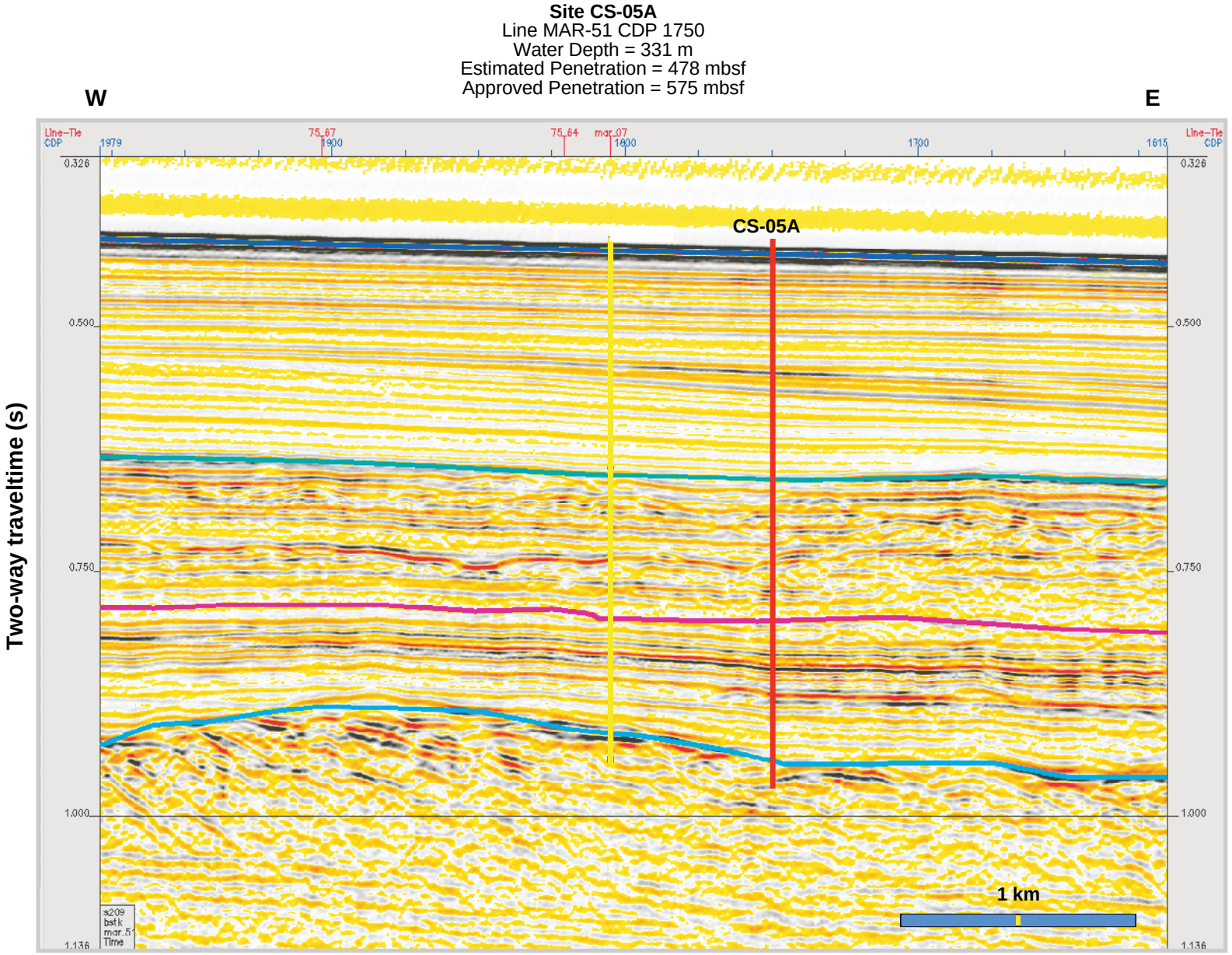

Figure 22. Detailed high-resolution east-west seismic section (two-way traveltime) used to locate Site CS-05A

Site: CS-05A

Priority: 1
Position: 20°57.75'S, 152°44.31'E
Water Depth: 331 m
Sediment Thickness: 469 m
Target Depth: 478 mbsf
Approved Maximum Penetration: 575 mbsf
Seismic Coverage: Regional Line MAR-07, shotpoint 2261; crossing Line Mar-51, shotpoint 871, CDPs 1290 and 1750

Objectives: The objectives of Site CS-05A are the following.

1. Determine the age and facies description of Megasequences B-D, particularly the initiation of the MP3 platform.
2. Determine the age and duration of the unconformities that can be carried into the MP3 platform and those separating each sequence in the proximal slope adjacent to MP3.
3. Determine the paleowater depth of the initial growth phase of MP2.
4. Determine the age and nature of the condensed section equivalent to MP2.
5. Determine the age and nature of the basement.
6. Measure fluid flow processes within the MP3 platform and adjacent sediments.
7. Determine Pliocene-Holocene paleoceanography from the Megasequence D drift deposit.
8. Calibrate the seismic sequence stratigraphy.

Drilling Program: Double APC/XCB to refusal, XCB or RCB (~1 core into basement)

Logging and Downhole Operations: Triple-combo, sonic-FMS, WST, GHMT (if available)

Nature of Rock Anticipated: Approximately 196 m of hemipelagic ooze overlying ~273 m of periplatform ooze, wackestones with some siltstones, mudstones, and turbidites; underlying basement composed of Paleozoic quartz-feldspar mafic metasediment

Site CS-06A
Line MAR-70 CDP 348
Water Depth = 314 m
Estimated Penetration = 570 mbsf
Approved Penetration = 670 mbsf

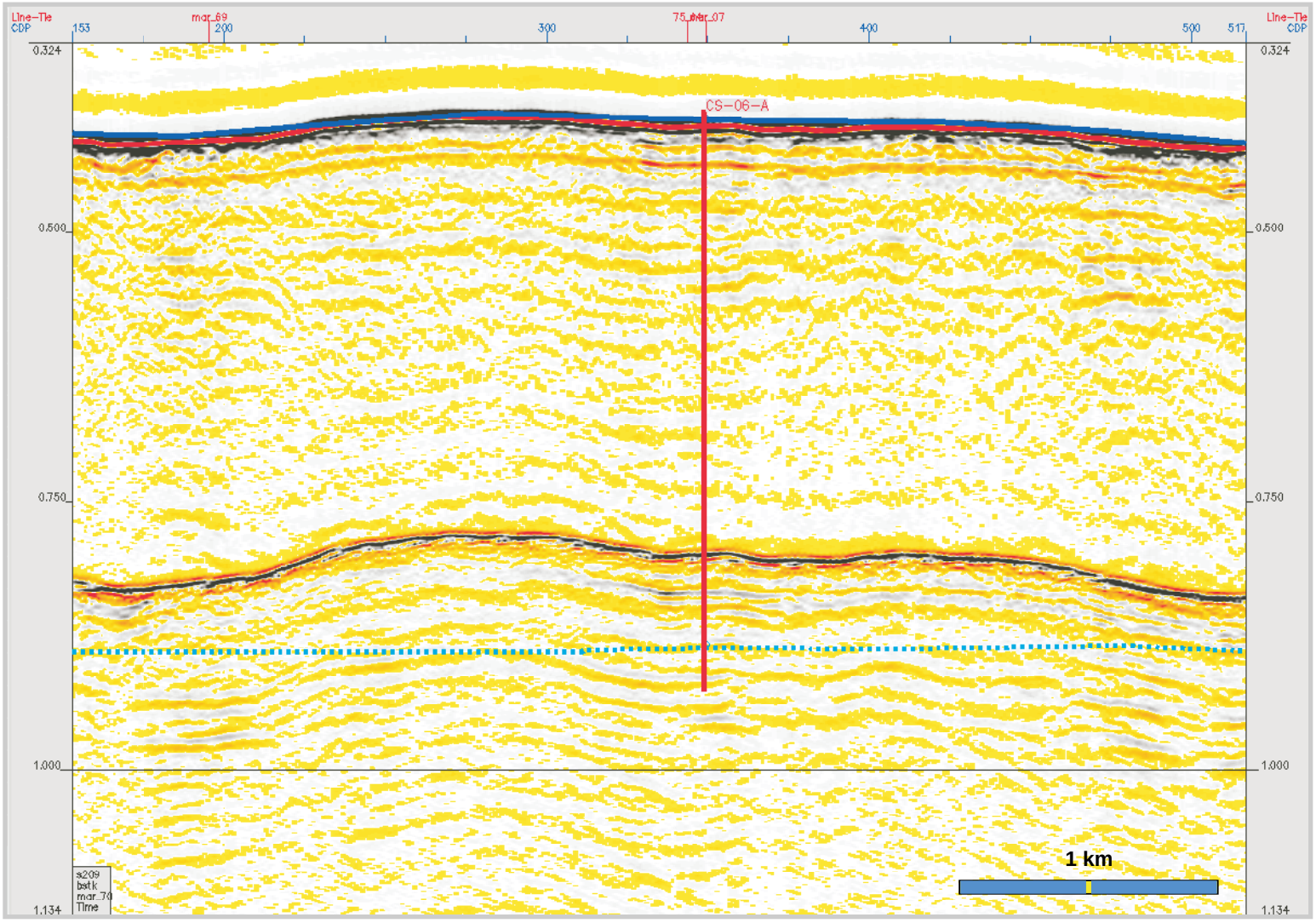

Figure 23. Detailed high-resolution east-west seismic section (two-way traveltime) used to locate Site CS-06A.

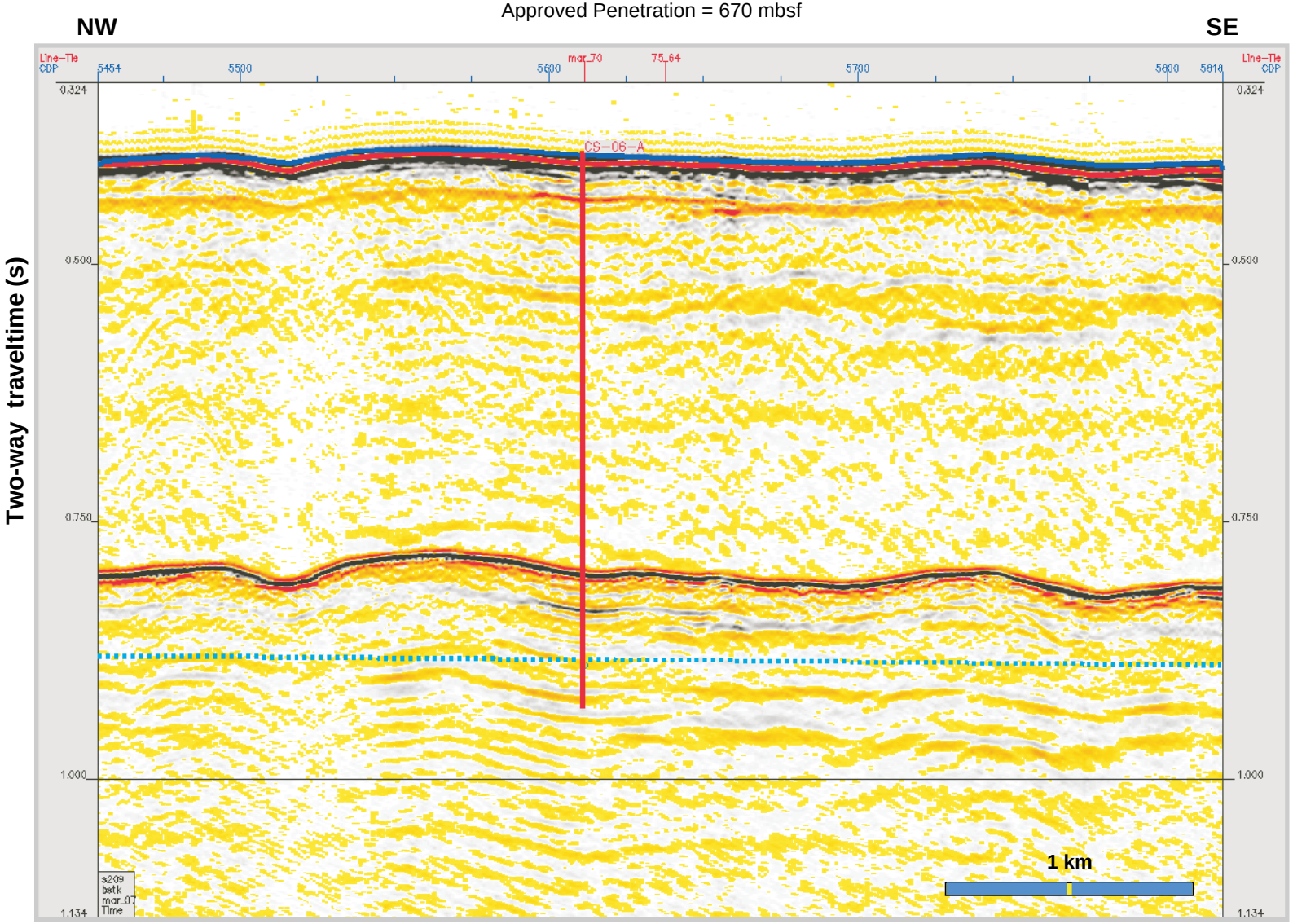

Figure 24. Detailed high-resolution northwest-southeast seismic section (two-way traveltime) used to locate Site CS-06A.

Site: CS-06A

Priority: 1
Position: 21°00.38'S, 152°51.40'E
Water Depth: 314 m
Sediment Thickness: ~561 m
Target Depth: ~570 mbsf
Approved Maximum Penetration: 670 mbsf
Seismic Coverage: Intersection of Lines MAR-07, shotpoint 2801, CDP 5610, and MAR-70, shotpoint 170, CDP 348

Objectives: The objectives of Site CS-06A are the following.

1. Determine the Initiation and facies development of the MP3 platform.
2. Determine the age and paleowater depth of the initial growth phase of MP3.
3. Describe the MP3 platform carbonates
4. Determine the age and duration of unconformities separating each platform phase.
5. Determine the age and nature of the condensed section equivalent to MP2.
6. Measure the fluid flow processes within the MP3 platform.
7. Calibrate the seismic stratigraphy.

Drilling Program: RCB (~1 core into basement), ADCB an interval of ~300 m.

Logging and Downhole Operations: Triple-combo, sonic-FMS, WST, GHMT (if available)

Nature of Rock Anticipated: Approximately 501 m of dolomitized framestone, packstone, and wackestone with a thin cover of periplatform ooze; underlying basement composed of Paleozoic quartz-feldspar mafic metasediment