

SITE SUMMARIES

Site: SHAT-1

Priority: 1

Position: 32°39.099'N, 158°30.357'E

Water Depth: 2400 m

Sediment Thickness: 1147 m

Target Drilling Depth: 200 m

Approved Maximum Penetration: 1347 mbsf

Seismic Coverage: Sager Line 14A

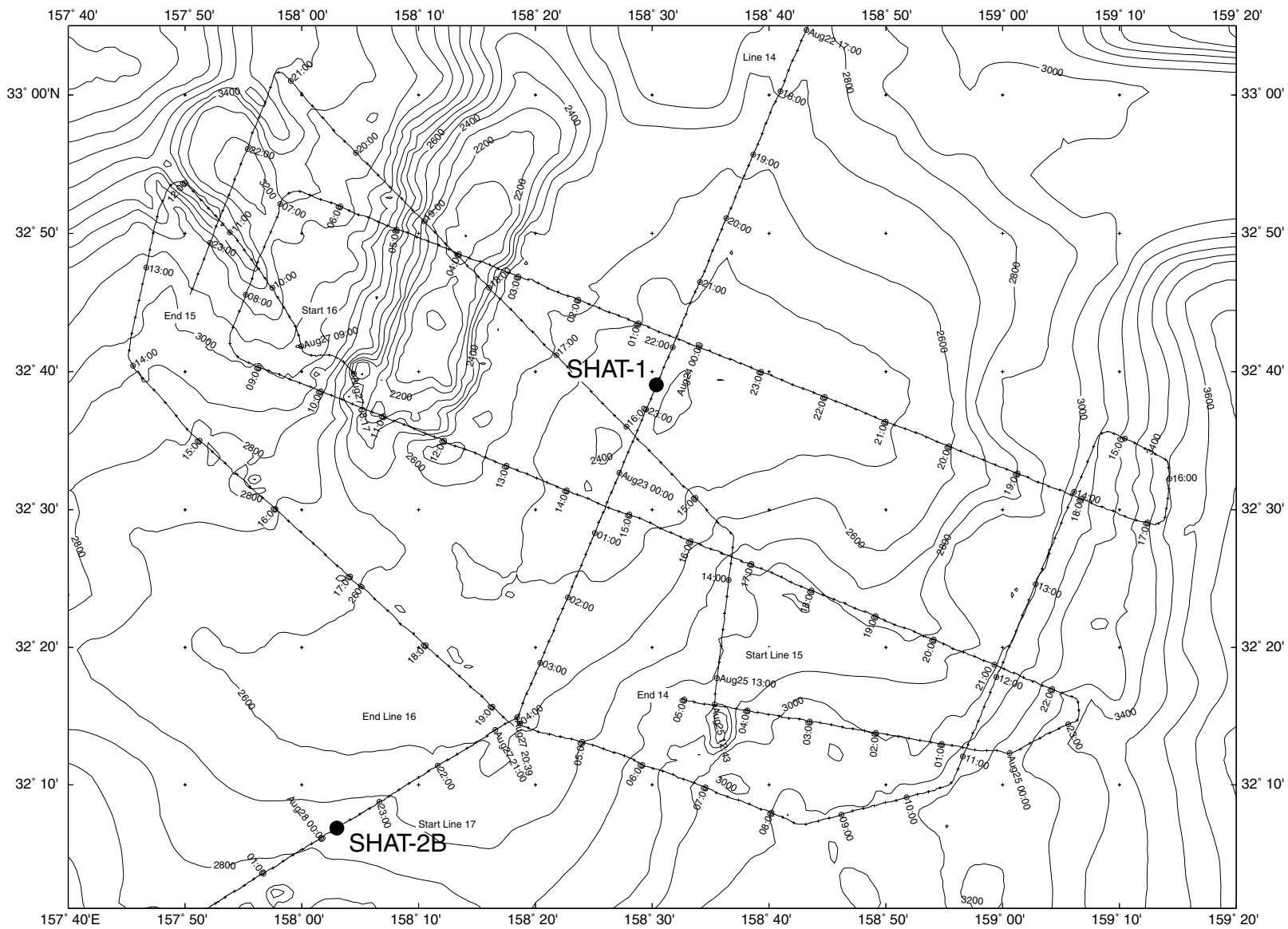
Objective: The objective of Site SHAT-1 is to core a Paleogene-Upper Cretaceous sequence for paleoceanographic investigation. The site is the shallowest in the depth transect.

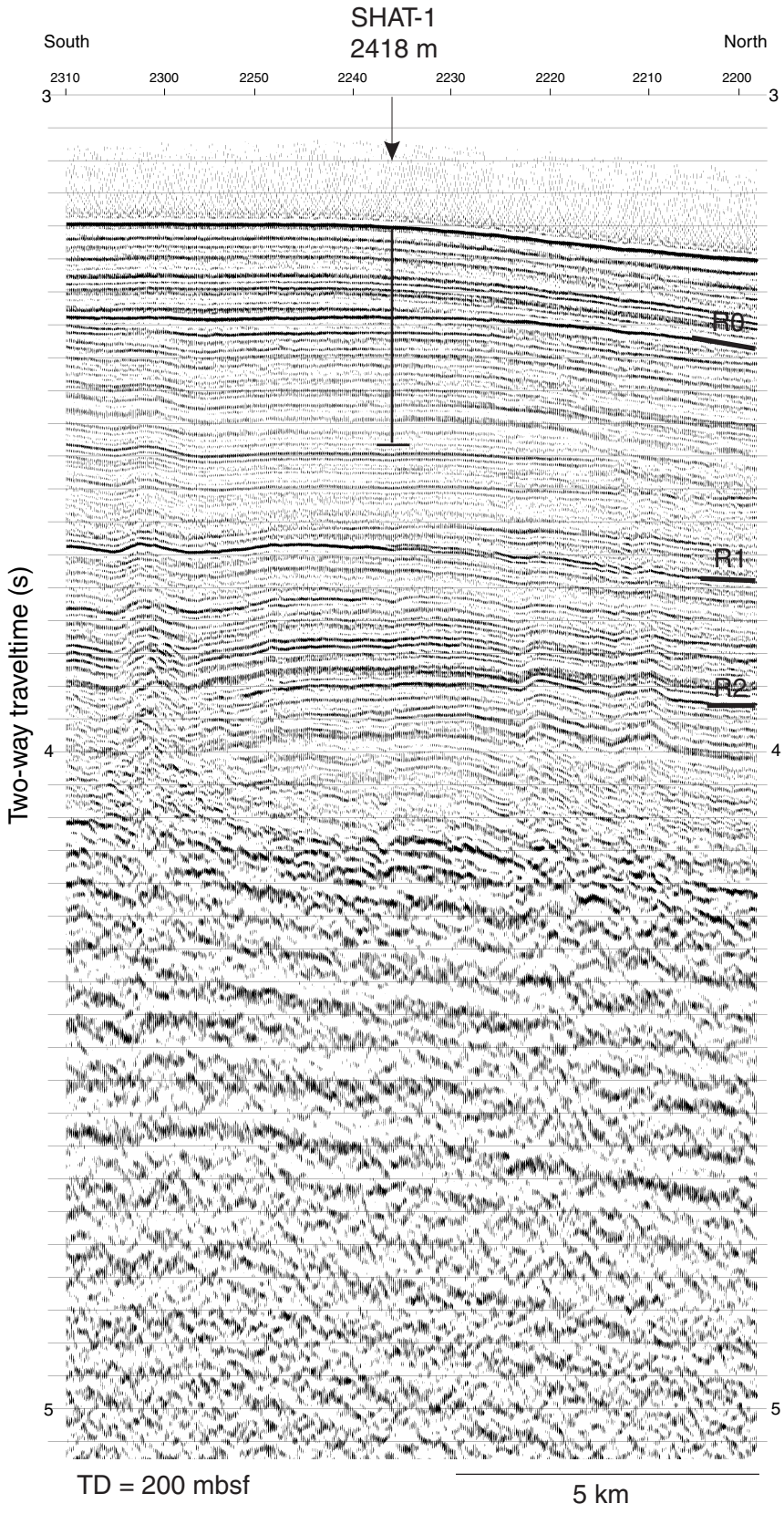
Drilling Program: Double APC.

Logging and Downhole: None.

Nature of Rock Anticipated: Calcareous ooze and chalk.

Central South High





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Site: SHAT-2B

Priority: 1

Position: 32°6.865'N, 158°3.03'E

Water Depth: 2764 m

Sediment Thickness: 883 m

Target Drilling Depth: 697 m

Approved Maximum Penetration: 1083 mbsf

Seismic Coverage: Sager Line 17A

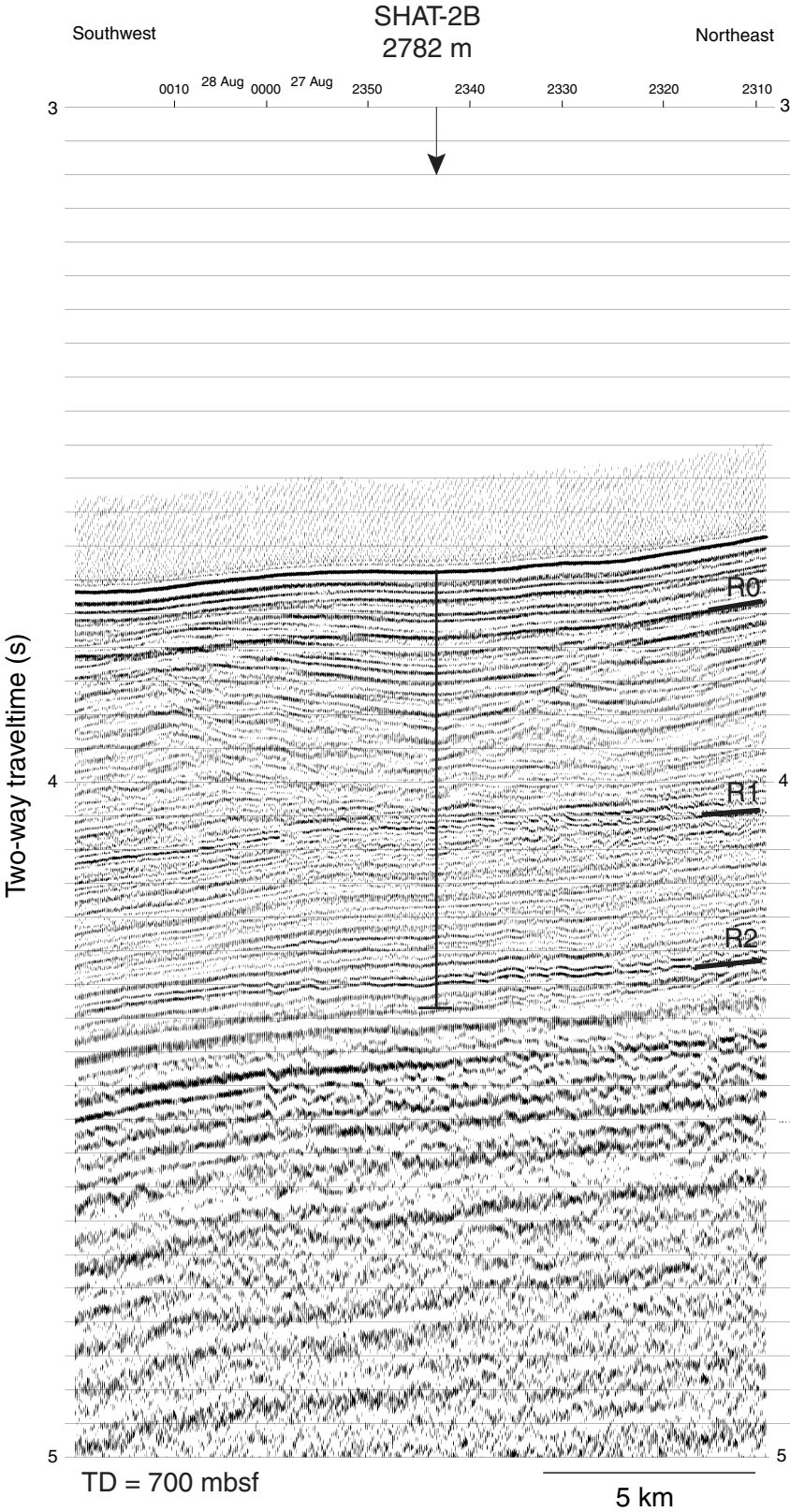
Objective: The objective of Site SHAT-2B is to core a Paleogene, Upper Cretaceous, and Lower Cretaceous sequence for paleoceanographic study.

Drilling Program: Double APC, XCB-MDCB.

Logging and Downhole: Triple combo, FMS-Sonic, GHMT.

Nature of Rock Anticipated: Calcareous ooze, chalk, chert, black shale.

[See SHAT-1 trackline for location.](#)



Site: SHAT-3

Priority: 1

Position: 31°34.641'N, 157°17.862'E

Water Depth: 3863 m

Sediment Thickness: 600 m

Target Drilling Depth: 210 m

Approved Maximum Penetration: 800 mbsf

Seismic Coverage: Sager Line 17B

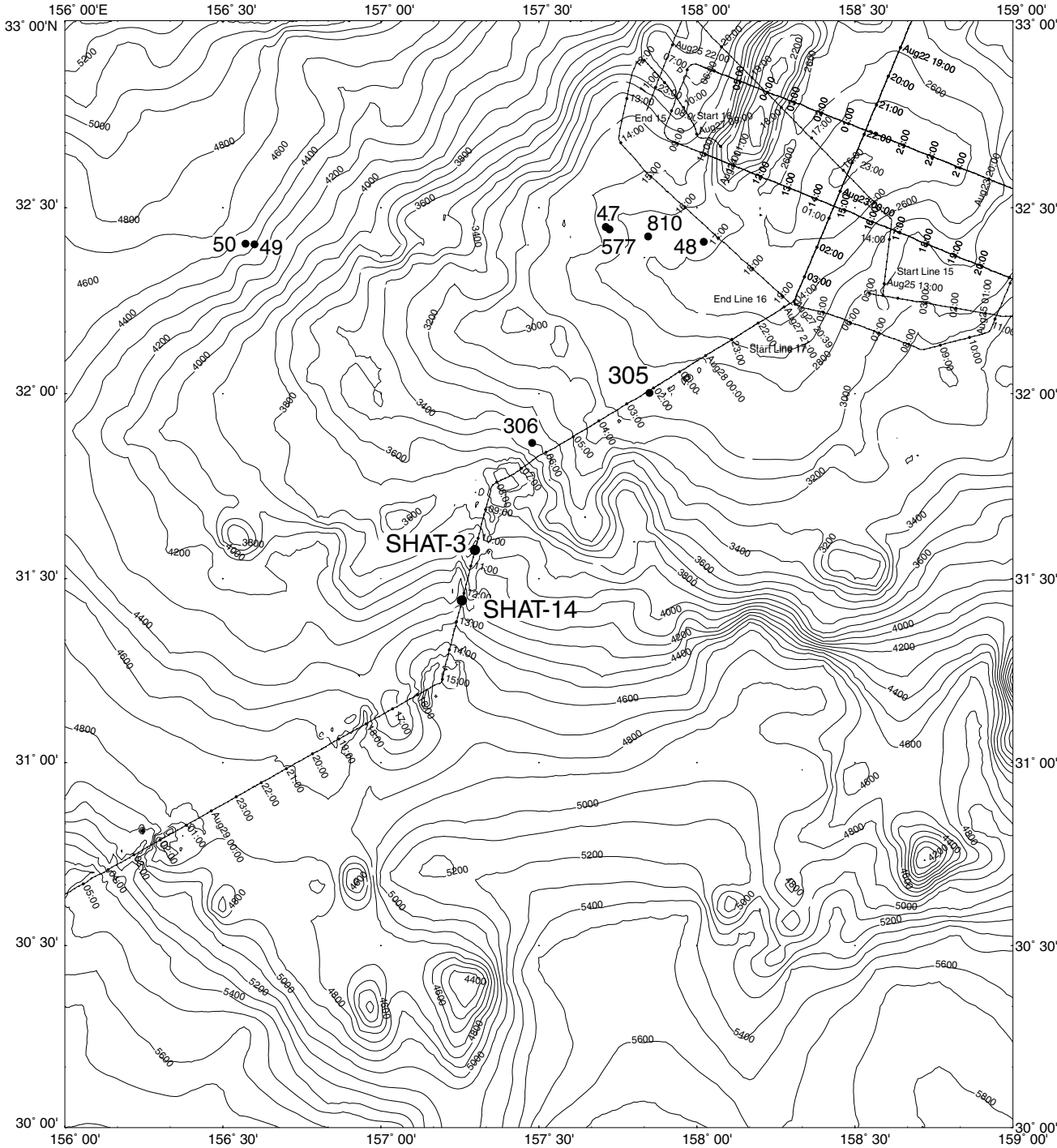
Objective: The objective of Site SHAT-3 is to core a Paleogene, Upper Cretaceous, and Lower Cretaceous sequence for paleoceanographic study.

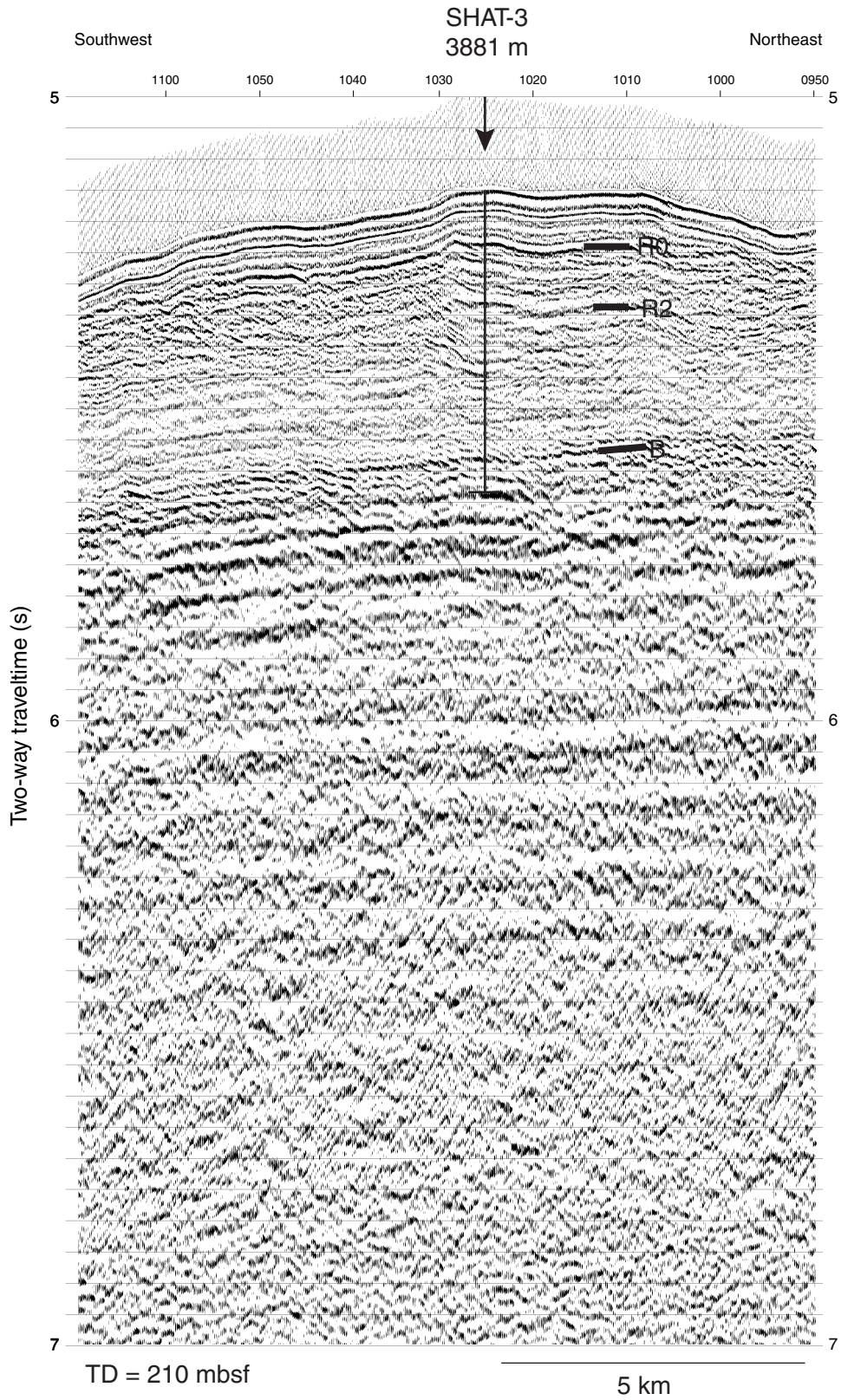
Drilling Program: Double APC, XCB-MDCB.

Logging and Downhole: Triple combo, FMS-Sonic, GHMT.

Nature of Rock Anticipated: Calcareous ooze, chalk, chert, black shale.

Southern South High





Site: SHAT-4

Priority: 1

Position: 36°7.629'N, 158°12.094'W

Water Depth: 3300 m

Sediment Thickness: 785 m

Target Drilling Depth: 200 m

Approved Maximum Penetration: 985 mbsf

Seismic Coverage: Sager Line 8

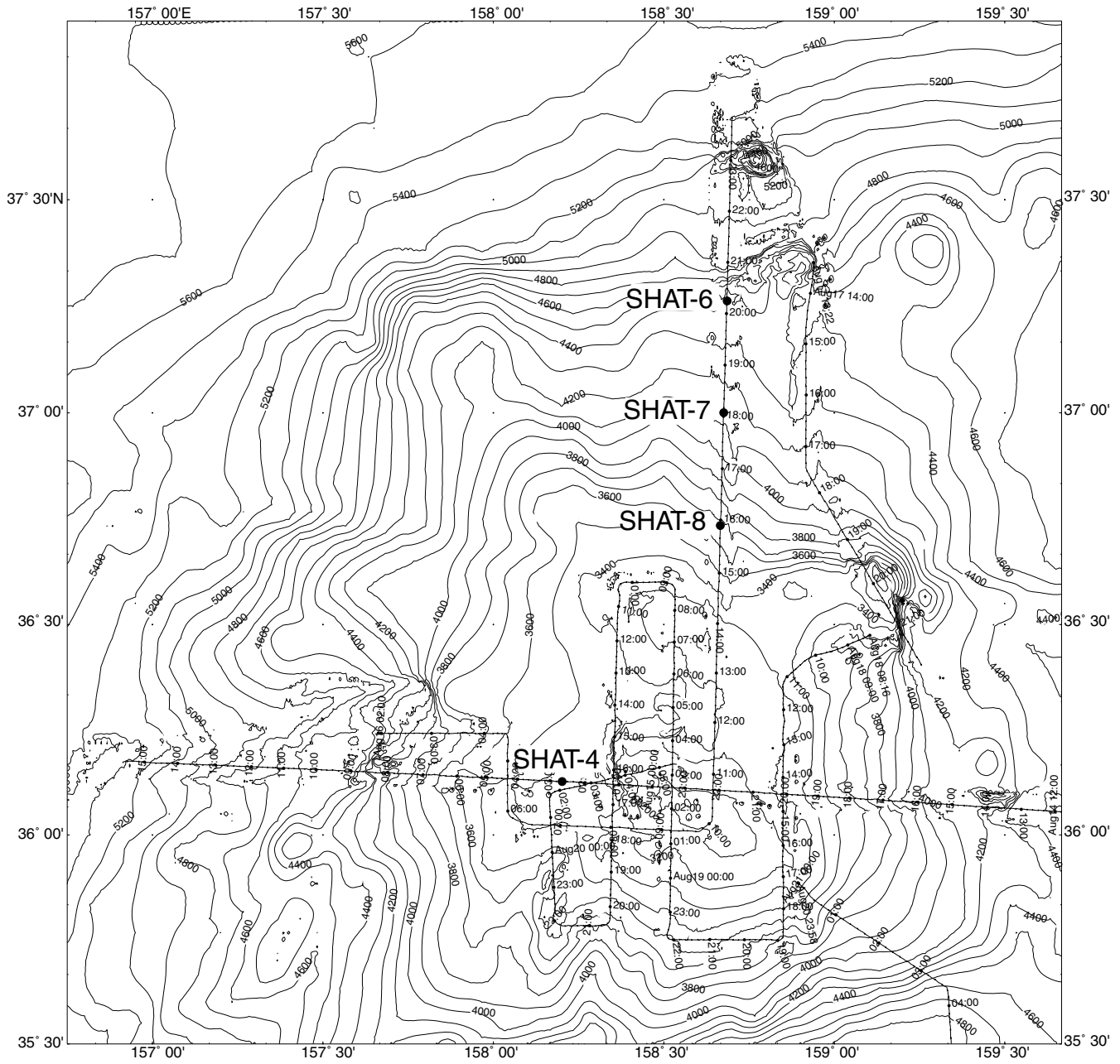
Objective: The objective of Site SHAT-4 is to core a Paleogene and Upper Cretaceous sequence for paleoceanographic study.

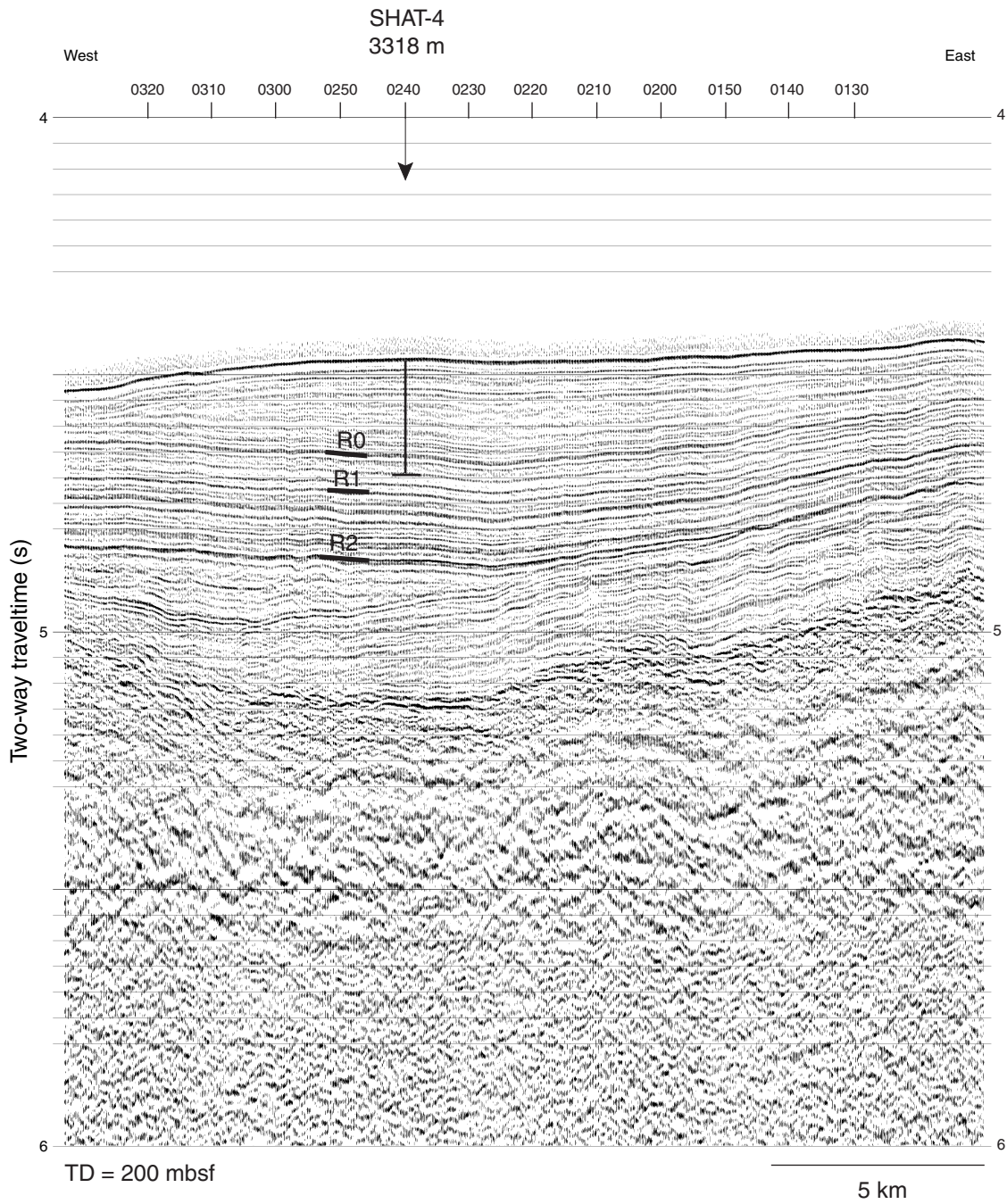
Drilling Program: Double APC.

Logging and Downhole: None.

Nature of Rock Anticipated: Calcareous ooze and chalk.

Central High





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Site: SHAT-5C

Priority: 1

Position: 37°47.429'N, 162°45.053'E

Water Depth: 3103 m

Sediment Thickness: 998 m

Target Drilling Depth: 55 m

Approved Maximum Penetration: 1198 mbsf

Seismic Coverage: Sager Line 5A

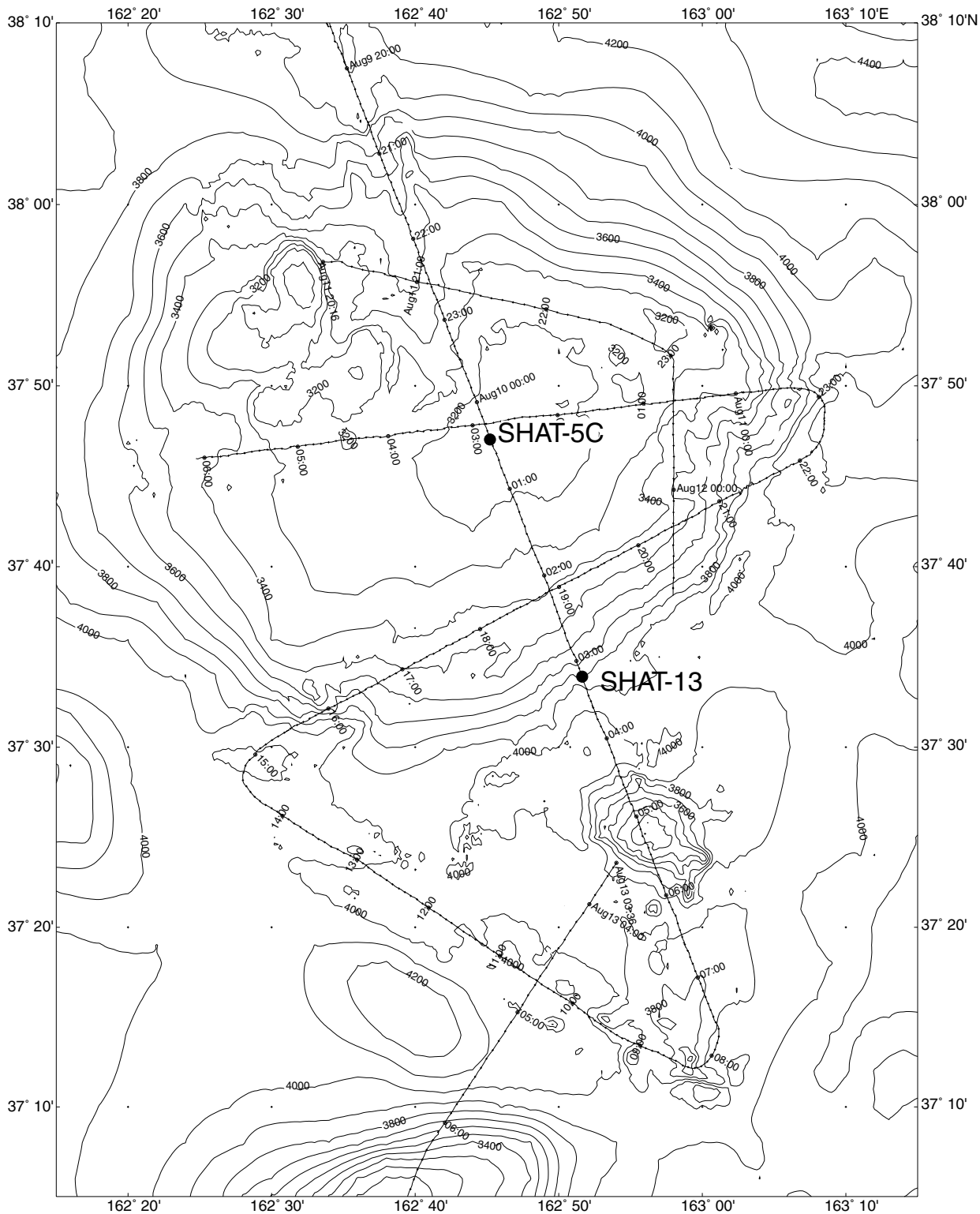
Objective: The objective of Site SHAT-5C is to core a Paleogene, Upper Cretaceous, and Lower Cretaceous sequence for paleoceanographic study.

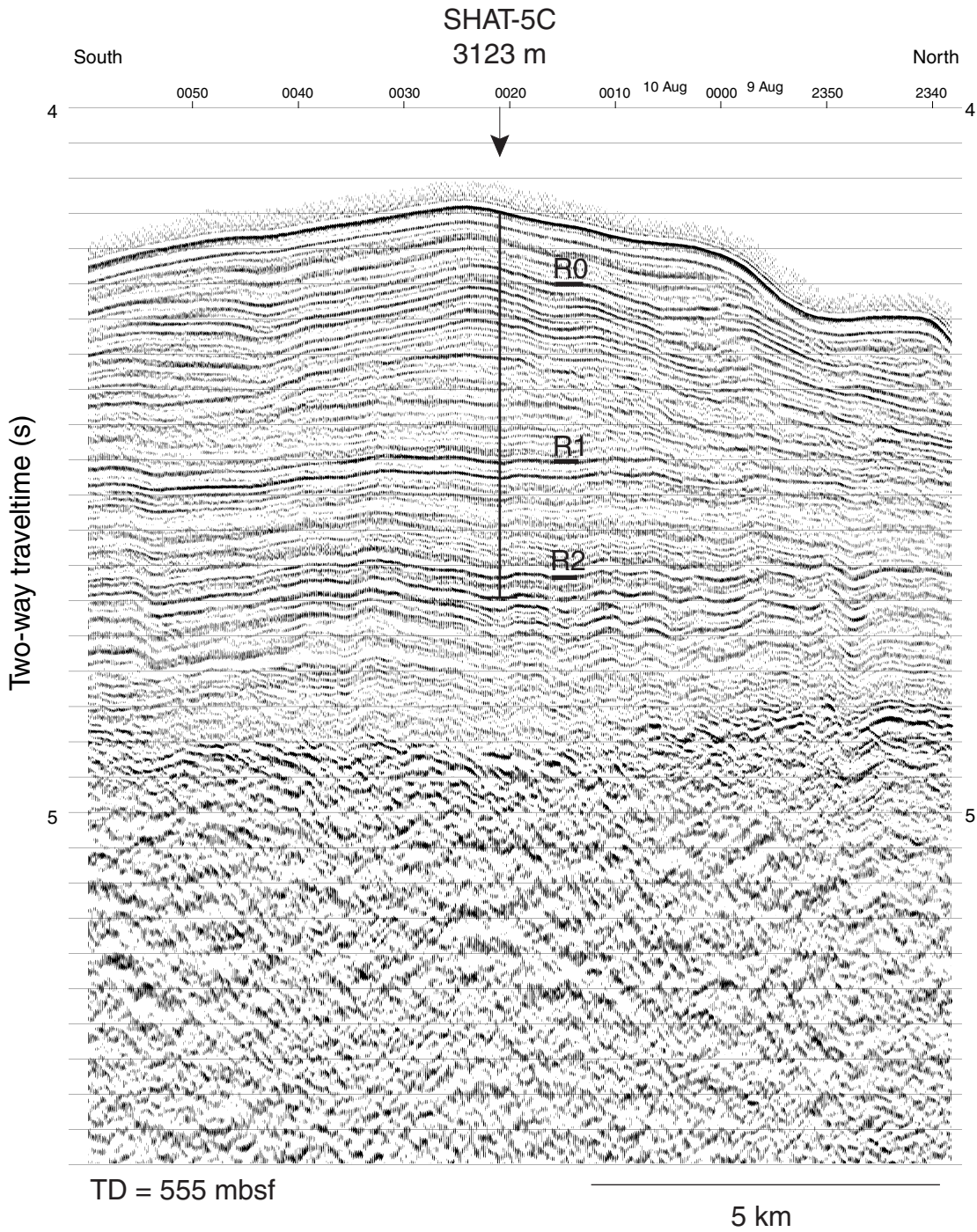
Drilling Program: Double APC, XCB-MDCB.

Logging and Downhole: Triple combo, FMS-Sonic, GHMT.

Nature of Rock Anticipated: Calcareous ooze, chalk, chert, black shale.

North High





Site: SHAT-6

Priority: 2

Position: 37°15.763'N, 158.41.126'W

Water Depth: 4361 m

Sediment Thickness: 310 m

Target Drilling Depth: 200 m

Approved Maximum Penetration: 510 mbsf

Seismic Coverage: Sager Line 9, part 2

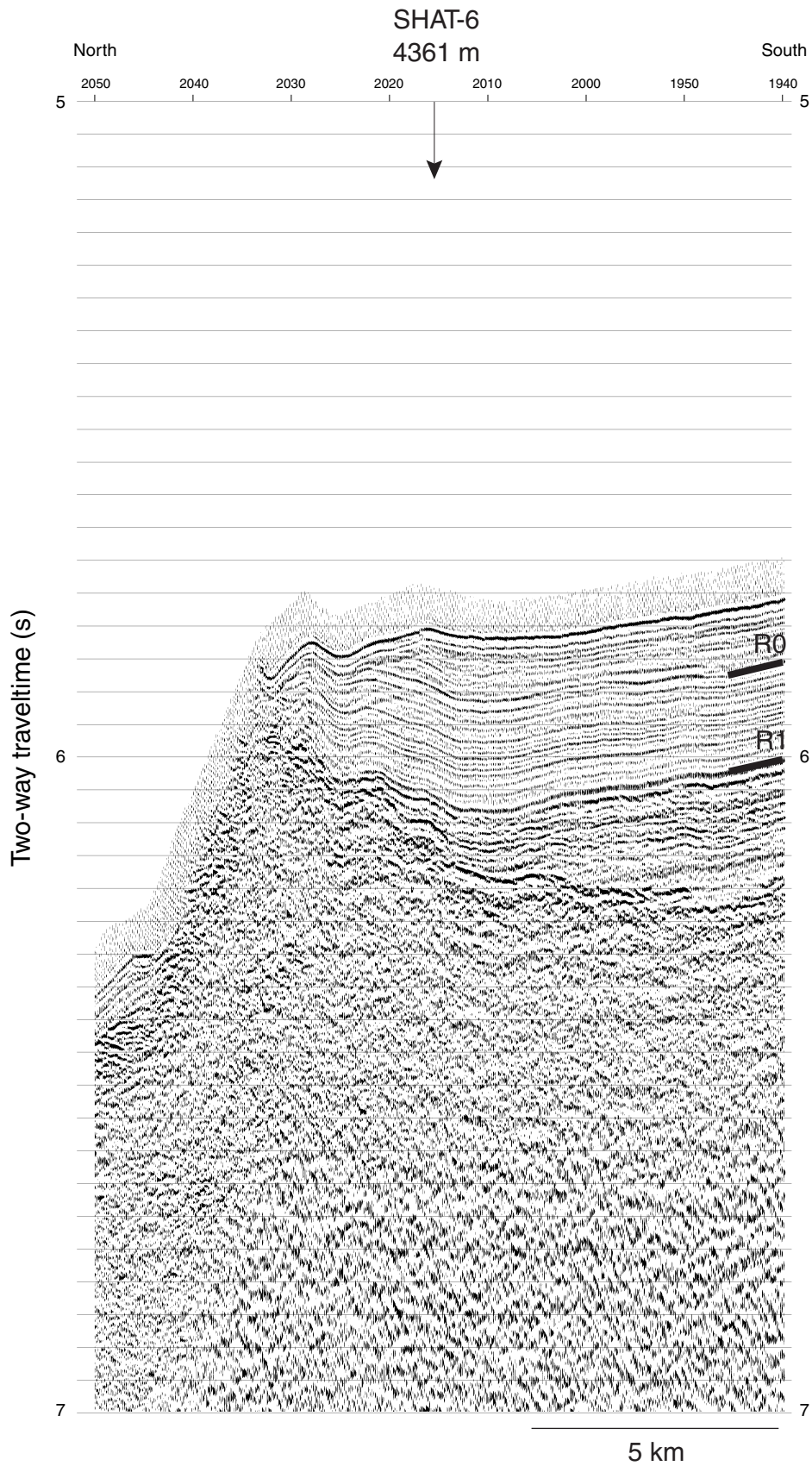
Objective: The objective of Site SHAT-6 is to core a Paleogene and Upper Cretaceous sequence for paleoceanographic study.

Drilling Program: Double APC.

Logging and Downhole: None.

Nature of Rock Anticipated: Red clay, calcareous ooze, and chalk.

[See SHAT-4 trackline.](#)



Site: SHAT-7

Priority: 2

Position: 37°9.90'N, 158°40.529'E

Water Depth: 4125 m

Sediment Thickness: 485 m

Target Drilling Depth: 200 m

Approved Maximum Penetration: 685 mbsf

Seismic Coverage: Sager Line 9, part 2

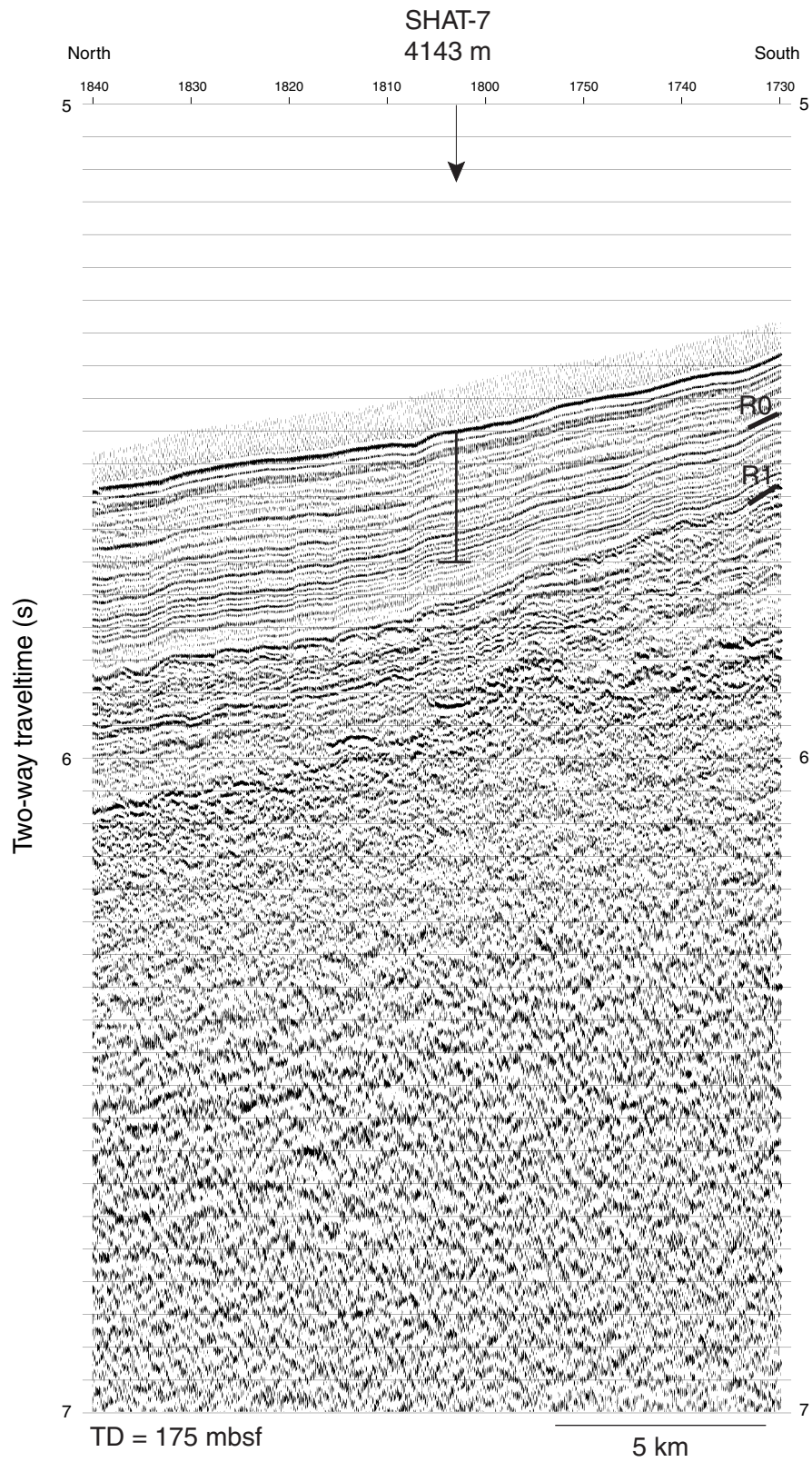
Objective: The objective of Site SHAT-7 is to core a Paleogene and Upper Cretaceous sequence for paleoceanographic study.

Drilling Program: Double APC.

Logging and Downhole: None.

Nature of Rock Anticipated: Red clay, calcareous ooze, and chalk.

[See SHAT-4 trackline.](#)



Site: SHAT-8

Priority: 2

Position: 32°44.065'N, 158°39.924'E

Water Depth: 3668 m

Sediment Thickness: 687 m

Target Drilling Depth: 200 m

Approved Maximum Penetration: 887 mbsf

Seismic Coverage: Sager Line 9, part 2.

Objective: The objective of Site SHAT-8 is to core a Paleogene and Upper Cretaceous sequence for paleoceanographic study.

Drilling Program: Double APC.

Logging and Downhole: None

Nature of Rock Anticipated: Calcareous ooze and chalk.

[See SHAT-4 trackline.](#)

