

29. MESOZOIC FORAMINIFERA, LEG 22, SITE 217

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TA = Total abundance of all planktonic foraminifera in the sample.

RA = Relative abundance of each taxon.

22-217-17-1 (68-70 cm) TA: 4

RA

- 2 *Gublerina robusta* de Klasz
- 3 *Heterohelix* sp. aff. *H. striata* (Ehrenberg)
- 4 *Planoglobulina brazoensis* Martin
- 4 *Planoglobulina carseyae* Plummer
- 3 *Pseudoguembelina kempensis* Esker
- 1 *Pseudoguembelina* sp. aff. *P. cornata* Seiglie
- 2 *Pseudoguembelina* sp.
- 4 *Pseudotextularia deformis* (Kikoine)
- 3 *Pseudotextularia elegans* s.l. (Rzehak)
- 2 *Pseudotextularia* sp. aff. *P. intermedia* de Klasz
- 4 *Racemiguembelina fructicosa* (Egger)
- 1 *Racemiguembelina powelli* Smith and Pessagno?
- 2 *Ventilabrella multicamerata* de Klasz
- 1 *Globigerinelloides* sp.
- 4 *Globotruncana arca* (Cushman)
- 1 *Globotruncana calcarata* Cushman (Reworked)
- 3 *Globotruncana conica* White
- 2 *Globotruncana contusa* (Cushman)
- 4 *Globotruncana elevata* Brotzen
- 3 *Globotruncana gansseri* Bolli
- 4 *Globotruncana nothi* (Bronnimann and Brown)
- 3 *Globotruncana* sp.
- 2 *Globotruncana stuartiformis* Dalbiez
- 1 *Globotruncana trinidadensis* Gandolfi
- 1 *Rugoglobigerina pennyi* Bronnimann
- 1 *Rugoglobigerina* sp.
- 2 *Abathomphalus mayaroensis* (Bolli)
- 2 *Abathomphalus intermedius* (Bolli)
- 3 *Bolivinoides draco* (Marsson) (Reworked?)

Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone, *Abathomphalus mayaroensis* Subzone. Latest Maastrichtian, with reworking of latest Campanian.

22-217-17-3 (64-66 cm) TA: 0

Barren

(TA for benthonics = 3)

22-217-18-2 (80-82 cm) TA: 1

RA

- 1 *Heterohelix globulosa* (Ehrenberg)
- 1 *Globigerinelloides subcarinatus* (Bronnimann)

22-217-19-1 (80-82 cm)

TA: 2

RA

- 1 *Gublerina robusta* de Klasz
- 1 *Heterohelix striata* (Ehrenberg)
- 1 *Heterohelix globulosa* (Ehrenberg)
- 1 *Pseudoguembelina kempensis* Esker
- 2 *Globotruncana arca* (Cushman)
- 1 *Globotruncana conica* White
- 1 *Globotruncana contusa* (Cushman)
- 2 *Globotruncana elevata* (Brotzen)
- 1 *Globotruncana plummertae* Gandolfi ?
- 1 *Rugoglobigerina pennyi* Bronnimann
- 1 *Rugoglobigerina rugosa* (Plummer)
- 1 *Globotruncanella* sp. a Smith and Pessagno
- 2 *Abathomphalus mayaroensis* (Bolli)
- 1 *Abathomphalus intermedius* (Bolli)

Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone, *Abathomphalus mayaroensis* Subzone. Latest Maastrichtian.

22-217-19-2 (80-82 cm)

TA: 2

RA

- 1 *Heterohelix striata* (Ehrenberg)
- 1 *Planoglobulina carseyae* (Plummer)
- 1 *Pseudoguembelina kempensis* Esker
- 1 *Pseudoguembelina palpebra* Bronnimann and Brown?
- 1 *Racemiguembelina fructicosa* (Egger)
- 1 *Globotruncana arca* (Cushman)
- 1 *Globotruncana conica* White
- 1 *Rugoglobigerina pennyi* Bronnimann
- 1 *Abathomphalus mayaroensis* (Bolli)

Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone, *Abathomphalus mayaroensis* Subzone. Latest Maastrichtian.

22-217-19-3 (80-82 cm)

TA: 4

- 2 *Gublerina robusta* de Klasz
- 2 *Heterohelix striata* (Ehrenberg)?
- 1 *Heterohelix navarroensis* Loeblich?
- 1 *Planoglobulina brazoensis* Martin
- 2 *Planoglobulina carseyae* Plummer
- 2 *Pseudoguembelina palpebra* Bronnimann and Brown?
- 1 *Pseudotextularia elegans* (Rzehak)
- 4 *Racemiguembelina fructicosa* (Egger)
- 1 *Racemiguembelina powelli* Smith and Pessagno
- 1 *Ventilabrella multicamerata* de Klasz

- 4 *Globotruncana arca* (Cushman)
 4 *Globotruncana conica* White
 1 *Globotruncana contusa* (Cushman)
 4 *Globotruncana elevata* (Brotzen)
 1 *Globotruncana trinidadensis* Gandolfi
 2 *Rugoglobigerina pennyi* Bronnimann
 1 *Rugoglobigerina rugosa* (Plummer)
 2 *Abathomphalus mayaroensis* (Bolli)
 1 *Abathomphalus intermedius* (Bolli)

Biostratigraphic determination: Same as previous sample.
 Latest Maastrichtian.

22-217-20-3 (80-82 cm)

TA: 4

RA

- 1 *Gublerina robusta* de Klasz
 2 *Heterohelix striata* (Ehrenberg)
 1 *Planoglobulina carseyae* (Plummer)
 1 *Pseudoguembelina kempensis* Esker
 1 *Pseudotextularia deformis* (Kikoine)
 1 *Pseudotextularia elegans* (Rzehak)
 1 *Racemiguembelina fructicosa* (Egger)
 3 *Globotruncana arca* (Cushman)
 2 *Globotruncana conica* White
 3 *Globotruncana elevata* (Brotzen)
 2 *Globotruncana contusa* (Cushman)
 1 *Rugoglobigerina pennyi* Bronnimann
 2 *Rugoglobigerina rugosa* (Plummer)
 2 *Abathomphalus mayaroensis* (Bolli)
 1 *Abathomphalus intermedius* (Bolli)

Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone, *Abathomphalus mayaroensis* Subzone. Latest Maastrichtian.

22-217-21-3 (66-68 cm)

TA: 4

RA

- 4 *Gublerina robusta* de Klasz
 3 *Heterohelix striata* (Ehrenberg)
 3 *Planoglobulina brazoensis* Martin
 3 *Planoglobulina carseyae* (Plummer)
 2 *Pseudoguembelina kempensis* Esker
 3 *Pseudotextularia elegans* (Rzehak)
 1 *Racemiguembelina powelli* Smith and Pessagno
 2 *Racemiguembelina* sp. ?
 2 *Ventilabrella multicamerata* de Klasz
 4 *Globotruncana arca* (Cushman)
 2 *Globotruncana nothi* (Bonnimann and Brown)
 3 *Globotruncana elevata* (Brotzen)
 2 *Globotruncana plummerae* Gandolfi ?
 2 *Globotruncana trinidadensis* Gandolfi
 2 *Globotruncana* sp. ?
 3 *Rugoglobigerina hexacamerata* Bronnimann
 3 *Rugoglobigerina pennyi* Bronnimann
 2 *Rugoglobigerina rugosa* (Plummer)
 3 *Abathomphalus mayaroensis* (Bolli)

Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone, *Abathomphalus mayaroensis* Subzone. Late Maastrichtian.

22-217-21-5 (70-72 cm)

TA: 5

RA

- 3 *Gublerina robusta* de Klasz
 3 *Heterohelix globulosa* (Ehrenberg)
 2 *Heterohelix navarroensis* Loeblich
 2 *Heterohelix striata* (Ehrenberg)
 1 *Planoglobulina acervulinooides* (Egger)
 3 *Planoglobulina brazoensis* Martin
 3 *Planoglobulina carseyae* (Plummer)
 1 *Pseudoguembelina excolata* (Cushman)
 2 *Pseudoguembelina kempensis* Esker
 2 *Pseudotextularia deformis* (Kikoine)
 1 *Pseudotextularia elegans* (Rzehak) (Reworked?)
 1 *Racemiguembelina intermedia* (de Klasz)
 2 *Ventilabrella multicamerata* de Klasz
 4 *Globigerinellaides prairehillensis* Pessagno
 1 *Globotruncana aegyptiaca* Nakkady ?
 4 *Globotruncana arca* (Cushman)
 1 *Globotruncana conica* White
 3 *Globotruncana elevata* (Brotzen)
 2 *Globotruncana patelliformis* Gandolfi
 1 *Globotruncana plummerae* Gandolfi
 3 *Globotruncana trinidadensis* Gandolfi
 1 *Globotruncana stuartiformis* Dalbiez
 4 *Rugoglobigerina pennyi* Bronnimann
 2 *Rugoglobigerina rugosa* (Plummer)
 3 *Globotruncanella monmouthensis* (Olsson)
 2 *Globotruncanella* sp.
 3 *Abathomphalus mayaroensis* (Bolli)
 2 *Abathomphalus intermedius* (Bolli)

Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone, *Abathomphalus mayaroensis* Subzone. Late Maastrichtian.

22-217-22-1 (80-82 cm)

TA: 5

RA

- 3 *Gublerina robusta* de Klasz
 3 *Heterohelix punctulata* (Cushman)
 3 *Heterohelix striata* (Ehrenberg)
 3 *Planoglobulina brazoensis* Martin
 3 *Planoglobulina carseyae* (Plummer)
 1 *Pseudoguembelina* sp.
 3 *Pseudotextularia deformis* (Kikoine)
 2 *Pseudotextularia elegans* (Rzehak)
 2 *Racemiguembelina fructicosa* (Egger)
 3 *Globotruncana arca* (Cushman)
 1 *Globotruncana contusa* (Cushman)
 2 *Globotruncana elevata* (Brotzen)
 2 *Globotruncana lapparenti* Brotzen (Reworked)
 2 *Globotruncana linneiana* (d'Orbigny) (Reworked)
 1 *Globotruncana stuarti* (de Lapparent)
 1 *Globotruncana stuartiformis* Dalbiez ?
 4 *Rugoglobigerina pennyi* Bronnimann
 2 *Rugoglobigerina rugosa* (Plummer)
 2 *Globotruncanella havanensis* (Voorwijk)
 2 *Abathomphalus mayaroensis* (Bolli)

Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone, *Abathomphalus mayaroensis* Subzone. Latest Maastrichtian with reworked species from the *G. fornicata-stuartiformis* Assemblage Zone (Campanian-early Maastrichtian).

22-217-22-2 (80-82 cm)

TA: 5

- RA
- 3 *Gublerina robusta* de Klasz
 - 1 *Heterohelix punctulata* (Cushman)
 - 2 *Heterohelix striata* (Ehrenberg)
 - 2 *Planoglobulina brazoensis* Martin
 - 2 *Planoglobulina carseyae* (Plummer)
 - 1 *Pseudoguembelina excolata* (Cushman)
 - 1 *Pseudoguembelina kempensis* Esker
 - 2 *Pseudotextularia deformis* (Kikoine)
 - 2 *Pseudotextularia elegans* (Rezhak)
 - 1 *Racemiguembelina fructicosa* (Egger)
 - 4 *Globotruncana arca* (Cushman)
 - 2 *Globotruncana contusa* (Cushman)
 - 3 *Globotruncana elevata* (Brotzen)
 - 1 *Globotruncana lapparenti* Brotzen (Reworked)
 - 2 *Globotruncana linneiana* (d'Orbigny) (Reworked)
 - 1 *Globotruncana stuarti* (deLapparent)
 - 2 *Globotruncana stuartiformis* Dalbiez
 - 4 *Rugoglobigerina pennyi* Bronnimann
 - 2 *Rugoglobigerina rugosa* (Plummer)
 - 1 *Abathomphalus mayaroensis* (Bolli)
 - 1 *Abathomphalus intermedius* (Bolli)
- Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone, *Abathomphalus mayaroensis* Subzone. Late Maastrichtian with reworked Campanian-early Maastrichtian.

22-217-22-3 (74-76 cm)

TA: 4

- RA
- 3 *Gublerina robusta* de Klasz
 - 1 *Heterohelix punctulata* (Cushman)
 - 1 *Heterohelix striata* (Ehrenberg)
 - 1 *Planoglobulina brazoensis* Martin
 - 1 *Pseudotextularia deformis* (Kikoine)
 - 1 *Pseudotextularia elegans* (Rezhak)
 - 4 *Globotruncana arca* (Cushman)
 - 3 *Globotruncana elevata* Brotzen
 - 2 *Globotruncana lapparenti* Brotzen (Reworked)
 - 3 *Globotruncana linneiana* (d'Orbigny) (Reworked)
 - 3 *Rugoglobigerina pennyi* Bronnimann
 - 1 *Abathomphalus mayaroensis* (Bolli)
 - 1 *Abathomphalus intermedius* (Bolli)
- Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone, *Abathomphalus mayaroensis* Subzone. Late Maastrichtian with reworked species from the Campanian-early Maastrichtian.

22-217-23-1 (78-80 cm)

TA: 4

- RA
- 4 *Gublerina robusta* de Klasz
 - 1 *Heterohelix* sp.
 - 1 *Planoglobulina brazoensis* Martin
 - 3 *Globotruncana arca* (Cushman)
 - 2 *Globotruncana elevata* (Brotzen)
 - 2 *Globotruncana lapparenti* Brotzen (Reworked)
 - 2 *Globotruncana linneiana* (d'Orbigny) (Reworked)
 - 3 *Rugoglobigerina pennyi* Bronnimann
- Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone (undifferentiated). Late Maastrichtian.

22-217-23-2 (80-82 cm)

TA: 4

- RA
- 4 *Gublerina robusta* de Klasz
 - 1 *Heterohelix* sp.
 - 1 *Planoglobulina brazoensis* Martin
 - 3 *Globotruncana arca* (Cushman)
 - 3 *Globotruncana elevata* (Brotzen)
 - 1 *Globotruncana gansseri* Bolli
 - 2 *Globotruncana lapparenti* Brotzen (Reworked)
 - 3 *Globotruncana linneaina* (d'Orbigny) (Reworked)
 - 3 *Rugoglobigerina pennyi* Bronnimann
 - 1 *Abathomphalus intermedius* (Bolli)

Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone, *Abathomphalus mayaroensis* Subzone. Reworking of Campanian-early Maastrichtian.

22-217-23-3 (70-72 cm)

TA: 4

- RA
- 3 *Gublerina robusta* de Klasz
 - 1 *Heterohelix striata* (Ehrenberg)
 - 1 *Heterohelix* sp.
 - 1 *Planoglobulina* sp. aff. *P. brazoensis* Martin
 - 1 *Pseudoguembelina* sp.
 - 1 *Pseudotextularia elegans* (Rezhak)
 - 3 *Globotruncana arca* (Cushman)
 - 2 *Globotruncana contusa* (Cushman)
 - 2 *Globotruncana elevata* (Brotzen)
 - 1 *Globotruncana lapparenti* Brotzen (Reworked)
 - 2 *Globotruncana linneiana* (d'Orbigny) (Reworked)
 - 1 *Globotruncana stuartiformis* Dalbiez
 - 4 *Rugoglobigerina pennyi* Bronnimann
 - 3 *Rugoglobigerina rugosa* (Plummer)
 - 2 *Globotruncanella havanensis* (Voorwijk)

Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone (undifferentiated). Late Maastrichtian with reworking of Campanian-early Maastrichtian.

22-217-23-4 (73-75 cm)

TA: 3

- RA
- 1 *Gublerina robusta* de Klasz
 - 3 *Globotruncana arca* (Cushman)
 - 2 *Globotruncana lapparenti* Brotzen (Reworked)
 - 2 *Globotruncana linneiana* (d'Orbigny) (Reworked)
 - 4 *Rugoglobigerina pennyi* Bronnimann
 - 2 *Rugoglobigerina rugosa* (Plummer)

Biostratigraphic determination: Same as above.

22-217-23-5 (72-74 cm)

TA: 4

- RA
- 3 *Gublerina robusta* de Klasz
 - 4 *Globotruncana arca* (Cushman)
 - 3 *Globotruncana lapparenti* Brotzen (Reworked)
 - 3 *Globotruncana linneiana* (d'Orbigny) (Reworked)
 - 4 *Rugoglobigerina pennyi* Bronnimann
 - 2 *Rugoglobigerina rugosa* (Plummer)
 - 2 *Abathomphalus mayaroensis* (Bolli)
 - 2 *Bolivinoides draco* (Marsson)

Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone, *Abathomphalus mayaroensis* Subzone. Latest Maastrichtian with reworking of late Campanian-early Maastrichtian.

22-217-24-1 (80-82 cm)

TA: 5

RA

- 2 *Gublerina robusta* de Klasz
- 2 *Heterohelix punctulata* (Cushman)
- 1 *Planoglobulina carseyae* (Plummer)
- 1 *Ventilabrella multicamerata* de Klasz
- 2 *Globotruncana arca* (Cushman)
- 1 *Globotruncana contusa* (Cushman)
- 2 *Globotruncana lapparenti* Brotzen
- 3 *Globotruncana linneiana* (d'Orbigny)
- 1 *Globotruncana ventricosa* White (Reworked)
- 4 *Rugoglobigerina pennyi* Bronnimann
- 3 *Rugoglobigerina rugosa* (Plummer)
- 2 *Rugoglobigerina* sp.
- 3 *Abathomphalus intermedius* (Bolli)

Biostratigraphic determination: *Globotruncana contusa-stuartiformis* Assemblage Zone, *Abathomphalus mayaroensis* Subzone. Late Maastrichtian with reworking of late Campanian-early Maastrichtian.

22-217-24-2 (80-82 cm)

TA: 4

RA

- 4 *Gublerina robusta* de Klasz
- 1 *Heterohelix punctulata* (Cushman)
- 1 *Heterohelix* sp.
- 1 *Planoglobulina* sp.
- 1 *Pseudoguembelina excolata* (Cushman)
- 4 *Globotruncana arca* (Cushman)
- 1 *Globotruncana elevata* (Brotzen)
- 1 *Globotruncana lapparenti* Brotzen (Reworked)
- 2 *Globotruncana linneiana* (d'Orbigny) (Reworked)
- 4 *Rugoglobigerina pennyi* Bronnimann
- 2 *Rugoglobigerina rugosa* (Plummer)
- 2 *Rugoglobigerina* sp.

Biostratigraphic determination: *Globotruncana fornicata-stuartiformis* Assemblage Zone, *Rugotruncana subcircumnodifer* Subzone, *R. subpennyi* Zonule.

22-217-24-3 (80-82 cm)

TA: 4

RA

- 4 *Gublerina robusta* de Klasz
- 2 *Heterohelix punctulata* (Cushman)
- 1 *Heterohelix striata* (Ehrenberg)
- 1 *Planoglobulina* sp.
- 4 *Globotruncana arca* (Cushman)
- 1 *Globotruncana elevata* (Brotzen)
- 1 *Globotruncana lapparenti* (Brotzen (Reworked))
- 2 *Globotruncana linneiana* (d'Orbigny) (Reworked)
- 1 *Globotruncana ventricosa* White ? (Reworked)
- 4 *Rugoglobigerina pennyi* Bronnimann
- 1 *Rugoglobigerina rugosa* (Plummer)
- 1 *Rugoglobigerina* sp.
- 1 *Globotruncanella havanensis* (Voorwijk)
- 1 *Bolivinoides draco* (Marsson)

Biostratigraphic determination: *Globotruncana fornicata-stuartiformis* Assemblage Zone, *Rugotruncana subcircum-*

cumnodifer Subzone, *R. subpennyi* Zonule. Early Maas-trichtian with reworking of late Campanian.

22-217-24-4 (80-82 cm)

TA: 4

RA

- 3 *Gublerina robusta* de Klasz
- 1 *Heterohelix punctulata* (Cushman)
- 1 *Heterohelix* sp.
- 1 *Planoglobulina* sp. ?
- 4 *Globotruncana arca* (Cushman)
- 3 *Globotruncana lapparenti* Brotzen (Reworked)
- 2 *Globotruncana linneiana* (d'Orbigny) (Reworked)
- 1 *Globotruncana ventricosa* White (Reworked)
- 4 *Rugoglobigerina pennyi* Bronnimann
- 2 *Rugoglobigerina rugosa* (Plummer)
- 1 *Rugoglobigerina* sp.

Biostratigraphic determination: Same as 217-24-3 (80-82 cm).

22-217-24-5 (75-77 cm)

TA: 4

RA

- 3 *Gublerina robusta* de Klasz
- 1 *Heterohelix punctulata* (Cushman)
- 1 *Heterohelix striata* (Ehrenberg)
- 1 *Heterohelix* sp.
- 1 *Planoglobulina carseyae* (Plummer)
- 1 *Planoglobulina* sp. ?
- 1 *Pseudoguembelina kempensis* Esker
- 3 *Globotruncana arca* (Cushman)
- 3 *Globotruncana lapparenti* Brotzen
- 3 *Globotruncana linneiana* (d'Orbigny)
- 2 *Globotruncana ventricosa* White (Reworked)
- 4 *Rugoglobigerina pennyi* Bronnimann
- 2 *Rugoglobigerina rugosa* (Plummer)
- 1 *Rugoglobigerina* sp.

Biostratigraphic determination: Same as 217-24-3 (80-82 cm).

22-217-24-6 (80-82 cm)

TA: 4

RA

- 3 *Gublerina robusta* de Klasz
- 1 *Heterohelix punctulata* (Cushman)
- 1 *Heterohelix striata* (Ehrenberg)
- 1 *Heterohelix* sp.
- 1 *Planoglobulina carseyae* (Plummer)
- 1 *Planoglobulina* sp.
- 3 *Globotruncana arca* (Cushman)
- 1 *Globotruncana elevata* (Brotzen)
- 1 *Globotruncana fornicata* Plummer
- 3 *Globotruncana lapparenti* Brotzen (Reworked)
- 3 *Globotruncana linneiana* (d'Orbigny)
- 2 *Globotruncana ventricosa* White (Reworked)
- 4 *Rugoglobigerina pennyi* Bronnimann
- 2 *Rugoglobigerina rugosa* (Plummer)
- 1 *Rugoglobigerina* sp.

Biostratigraphic determination: Same as 217-24-3 (80-82 cm).

22-217-25-1 (80-82 cm)	TA: 3	
RA		
1 <i>Gublerina robusta</i> de Klasz		
1 <i>Heterohelix punctulata</i> (Cushman)		
1 <i>Heterohelix</i> sp.		
1 <i>Pseudotextularia</i> sp.?		
1 <i>Globotruncana arca</i> (Cushman)		
1 <i>Globotruncana elevata</i> (Brotzen)		
1 <i>Globotruncana lapparenti</i> Brotzen		
1 <i>Globotruncana linneiana</i> (d'Orbigny)		
1 <i>Globotruncana rosetta</i> (Carsey)		
1 <i>Globotruncana stuartiformis</i> Dalbiez		
1 <i>Globotruncana ventricosa</i> White (Reworked)		
3 <i>Rugoglobigerina pennyi</i> Brönnimann		
2 <i>Rugoglobigerina rugosa</i> (Plummer)		
2 <i>Rugoglobigerina</i> sp.		
Biostratigraphic determination: Same as 217-24-3 (80-82 cm).		
22-217-25-3 (80-83 cm)	TA: 4	
RA		
2 <i>Gublerina robusta</i> de Klasz		
1 <i>Heterohelix punctulata</i> (Cushman)		
1 <i>Heterohelix striata</i> (Ehrenberg)		
1 <i>Planoglobulina</i> sp. ?		
1 <i>Pseudotextularia</i> sp.		
3 <i>Globotruncana arca</i> (Cushman)		
3 <i>Globotruncana lapparenti</i> Brotzen		
3 <i>Globotruncana linneiana</i> (d'Orbigny)		
1 <i>Globotruncana stuartiformis</i> Dalbiez		
2 <i>Globotruncana ventricosa</i> White (Reworked)		
5 <i>Rugoglobigerina pennyi</i> Brönnimann		
4 <i>Rugoglobigerina rugosa</i> (Plummer)		
1 <i>Globotruncanella havanensis</i> (Voorwijk)		
Biostratigraphic determination: Same as 217-24-3 (80-82 cm).		
22-217-25-5 (76-78 cm)	TA: 4	
RA		
1 <i>Gublerina robusta</i> de Klasz		
1 <i>Heterohelix punctulata</i> (Cushman)		
1 <i>Heterohelix striata</i> (Ehrenberg)		
1 <i>Pseudotextularia</i> sp. ?		
3 <i>Globotruncana arca</i> (Cushman)		
3 <i>Globotruncana lapparenti</i> Brotzen		
3 <i>Globotruncana linneiana</i> (d'Orbigny)		
2 <i>Globotruncana ventricosa</i> White (Reworked)		
4 <i>Rugoglobigerina pennyi</i> Brönnimann		
3 <i>Rugoglobigerina rugosa</i> (Plummer)		
1 <i>Globotruncanella havanensis</i> (Voorwijk)		
Inoceramus prisms abundant		
Biostratigraphic determination: Same as 217-24-3 (80-82 cm).		
22-217-26-2 (79-81 cm)	TA: 4	
RA		
1 <i>Gublerina robusta</i> de Klasz		
1 <i>Heterohelix punctulata</i> (Cushman)		
1 <i>Heterohelix striata</i> (Ehrenberg)		
1 <i>Pseudotextularia</i> sp. ?		
3 <i>Globotruncana arca</i> (Cushman)		
3 <i>Globotruncana lapparenti</i> Brotzen		
3 <i>Globotruncana linneiana</i> (d'Orbigny)		
2 <i>Globotruncana ventricosa</i> White (Reworked)		
4 <i>Rugoglobigerina pennyi</i> Brönnimann		
3 <i>Rugoglobigerina rugosa</i> (Plummer)		
1 <i>Globotruncanella havanensis</i> (Voorwijk)		
Inoceramus prisms abundant		
Biostratigraphic determination: Same as 217-24-3 (80-82 cm).		
22-217-26-3 (80-82 cm)	TA: 4	
RA		
1 <i>Gublerina robusta</i> de Klasz		
1 <i>Heterohelix punctulata</i> (Cushman)		
1 <i>Heterohelix striata</i> (Ehrenberg)		
1 <i>Pseudotextularia</i> sp. ?		
3 <i>Globotruncana arca</i> (Cushman)		
3 <i>Globotruncana lapparenti</i> Brotzen		
3 <i>Globotruncana linneiana</i> (d'Orbigny)		
2 <i>Globotruncana ventricosa</i> White (Reworked)		
4 <i>Rugoglobigerina pennyi</i> Brönnimann		
3 <i>Rugoglobigerina rugosa</i> (Plummer)		
1 <i>Globotruncanella havanensis</i> (Voorwijk)		
Inoceramus prisms abundant		
Biostratigraphic determination: Same as 217-24-3 (80-82 cm).		
22-217-26-4 (80-82 cm)	TA: 4	
RA		
1 <i>Heterohelix pulchra</i> (Brotzen)		
2 <i>Heterohelix punctulata</i> (Cushman)		
1 <i>Heterohelix</i> sp.		
4 <i>Globotruncana arca</i> (Cushman)		
3 <i>Globotruncana lapparenti</i> Brotzen		
3 <i>Globotruncana linneiana</i> (d'Orbigny)		
3 <i>Rugoglobigerina pennyi</i> Brönnimann		
3 <i>Rugoglobigerina rugosa</i> (Plummer)		
Biostratigraphic determination: Same as 217-24-3 (80-82 cm).		
22-217-26-5 (80-82 cm)	TA: 4	
RA		
1 <i>Gublerina robusta</i> de Klasz		
1 <i>Heterohelix</i> sp.		
4 <i>Globotruncana arca</i> (Cushman)		
3 <i>Globotruncana lapparenti</i> Brotzen		
3 <i>Globotruncana linneiana</i> (d'Orbigny)		
5 <i>Rugoglobigerina pennyi</i> Brönnimann		
3 <i>Rugoglobigerina rugosa</i> (Plummer)		
2 <i>Rugoglobigerina</i> sp.		
Biostratigraphic determination: Same zones as 217-24-3 (80-82 cm).		
22-217-27-2 (41-43 cm)	TA: 2	
RA		
1 <i>Heterohelix</i> sp.		
1 <i>Guembelitria</i> sp. ?		
1 <i>Globotruncana arca</i> (Cushman)		
1 <i>Globotruncana lapparenti</i> Brotzen		
1 <i>Globotruncana linneiana</i> (d'Orbigny)		

1	<i>Rugoglobigerina rugosa</i> (Plummer)		<i>Inoceramus</i> prisms are common. Preservation very bad.
1	<i>Globotruncanella</i> sp.		Biostratigraphic determination: Early Maastrichtian via superposition.
Flood of inoceramus prisms			
Biostratigraphic determination:	Same as 217-24-3 (80-82 cm).		
22-217-27-3 (71-73 cm)	TA: 4	22-217-28-2 (86-88 cm)	TA: 2
RA		RA	
2	<i>Gublerina robusta</i> de Klasz	2	<i>Rugoglobigerina</i> sp.
1	<i>Heterohelix pulchra</i> (Brotzen)	1	<i>Rugoglobigerina pennyi</i> Brönnimann
2	<i>Heterohelix punctulata</i> (Cushman)	1	<i>Gublerina robusta</i> de Klasz
1	<i>Heterohelix</i> sp.	<i>Inoceramus</i> prisms are common. Preservation very bad.	
1	<i>Heterohelix striata</i> (Ehrenberg)	Biostratigraphic determination: Early Maastrichtian via superposition.	
1	<i>Planoglobulina</i> sp.		
1	<i>Pseudoguembelina</i> sp.	22-217-30-1 (106-108 cm)	TA: 0
1	<i>Globotruncanella mattsoni</i> (Pessagno)	Barren	
2	<i>Globotruncana arca</i> (Cushman)	22-217-30-2 (85-87 cm)	TA: 0
3	<i>Globotruncana lapparenti</i> Brotzen	Barren	
3	<i>Globotruncana linneiana</i> (d'Orbigny)		
4	<i>Rugoglobigerina pennyi</i> Brönnimann		
2	<i>Rugoglobigerina rugosa</i> (Plummer)		
2	<i>Rugoglobigerina</i> sp. aff. <i>R. milamensis</i> Smith and Pessagno		
1	<i>Globotruncanella</i> sp.		
Biostratigraphic determination:	Early Maastrichtian. Same as 217-24-3 (80-82 cm).		
22-217-28-1 (66-68 cm)	TA: 2		
RA			
1	<i>Globotruncana lapparenti</i> Brotzen?		
1	<i>Rugoglobigerina</i> sp.		

SUMMARY—SITE 217

1. The interval from Core 17, Section 1, 68-70 cm, to Core 24, Section 1, 80-82 cm, is assignable to the latest Maastrichtian, *Abathomphalus mayaroensis* Subzone.
2. The interval from Core 24, Section 2, 80-82 cm, is assignable to the early Maastrichtian, *Rugotruncana subcircumnodifer* Subzone, *Rugotruncana subpennyi* Zone.
3. If the *Globotruncana gansseri* Subzone is present at Site 217, it is present between Core 24, Section 1, 80-82 cm, and Core 24, Section 2, 80-82 cm.
4. Reworking of late Campanian-early Maastrichtian elements is common in the latest Maastrichtian.