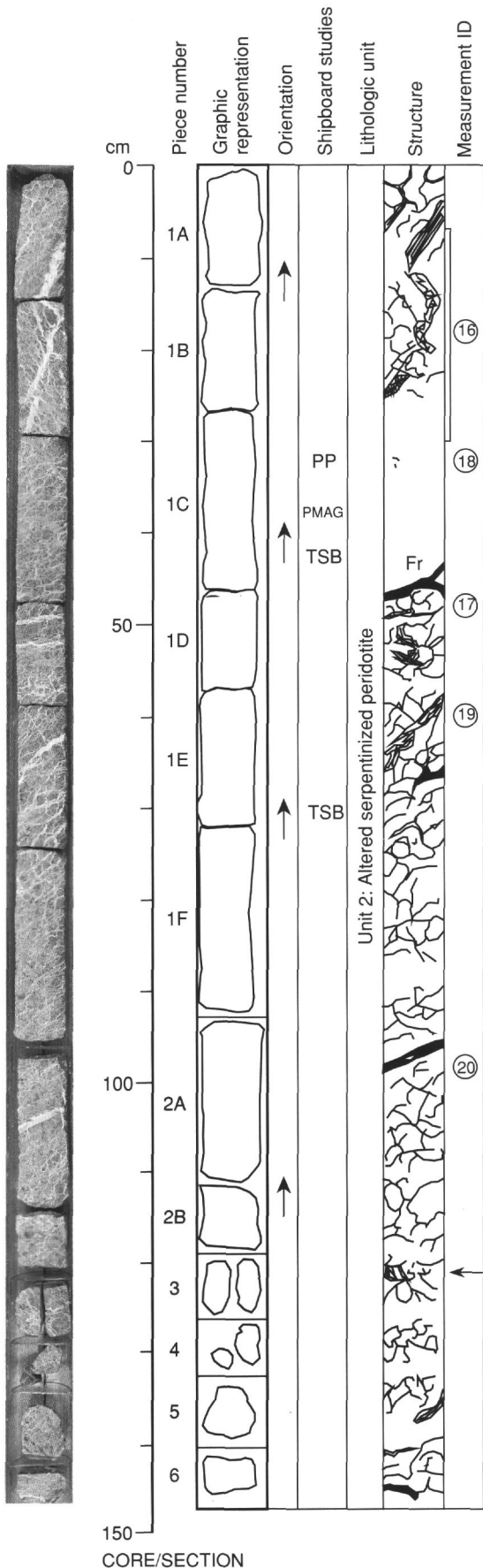


149-897D-12R-1

UNIT 2: ALTERED SERPENTINIZED PERIDOTITE

Pieces 1A to 6



COLOR: Pale yellowish brown (10YR 6/2) to dark yellowish orange (10YR 6/6).

LAYERING: No obvious layering.

DEFORMATION: No obvious ductile deformation. Late brittle deformation expressed as fractures filled with calcite and small amounts of other minerals.

PRIMARY MINERALOGY:

- Olivine - Mode: 80%.
Percent replacement: 100%.
- Pyroxene(s) - Mode: 20%.
Crystal size: 1-5 mm.
Crystal shape: Anhedral.
Crystal orientation: None.
Percent replacement: 100%.
- Spinel - Mode: <1%.
Crystal size: <<1 mm.
Crystal shape: Anhedral.
Crystal orientation: None.
Percent replacement: 0%.

SECONDARY MINERALOGY: Yellow limonite(?) alteration superimposed on serpentinitization.

- Total percent: 100%.
- Texture: Mesh serpentinite.
- Vein material: Numerous small calcite veins cut by larger calcite veins. Small amounts of other minerals in some veins. Small veins tend to occupy crystal boundaries rather than cutting across crystals.

ADDITIONAL COMMENTS: Unit continues from Section 149-897D-11R-1 and continues into Section 149-897D-15R-2. This is a zone of alteration at the top of the basement.

149-897D-12R-2

UNIT 2: ALTERED SERPENTINIZED PERIDOTITE

Pieces 1 to 14

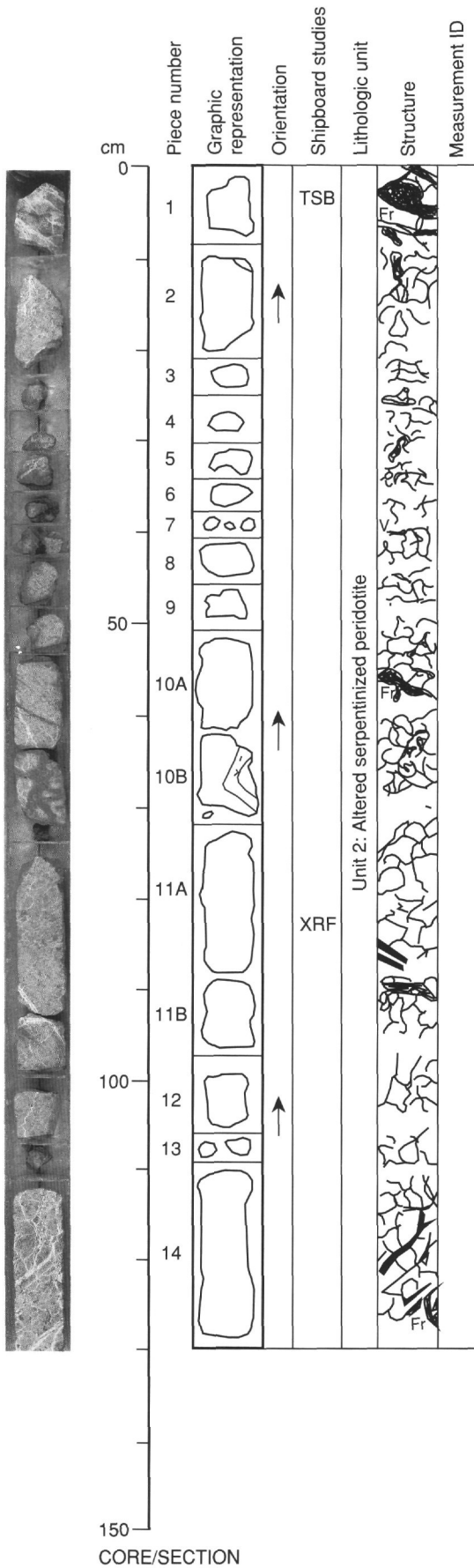
COLOR: Dark yellowish orange (10YR 6/6).

LAYERING: No obvious layering.

DEFORMATION: No obvious ductile deformation. Late brittle deformation expressed as fractures filled with calcite.

SECONDARY MINERALOGY: Yellow limonite(?) alteration superimposed on serpentinization.

ADDITIONAL COMMENTS: Bright green crystals, tentatively identified as chrome-diopside, occur abundantly in Piece 1 and rarely in other pieces of this section. Unit continues from Section 149-897D-11R-1. Refer to description of that section for information on primary and secondary mineralogy. Unit continues into Section 149-897D-15R-2. This is a zone of alteration at the top of the basement.



149-897D-12R-3

UNIT 2: ALTERED SERPENTINIZED PERIDOTITE

Pieces 1A to 5B

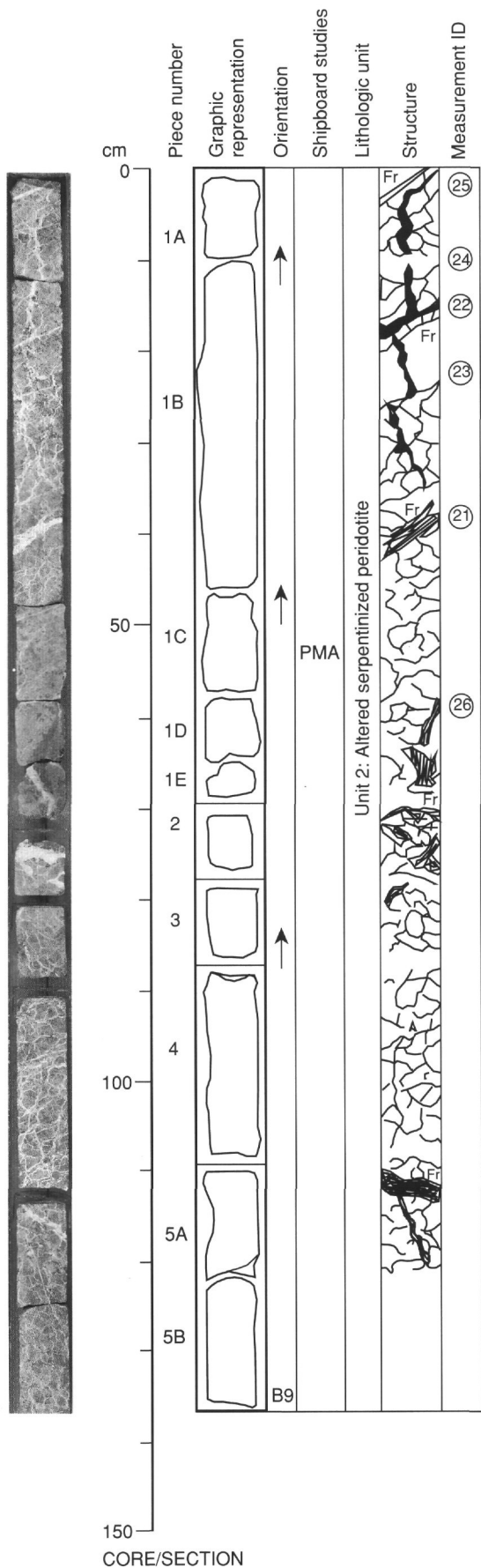
COLOR: Dark yellowish orange (10YR 6/6) to pale yellowish brown (10YR 6/2).

LAYERING: No obvious layering.

DEFORMATION: No obvious ductile deformation. Late brittle deformation expressed as calcite-filled fractures.

SECONDARY MINERALOGY: Yellow limonite(?) alteration superimposed on serpentinization.

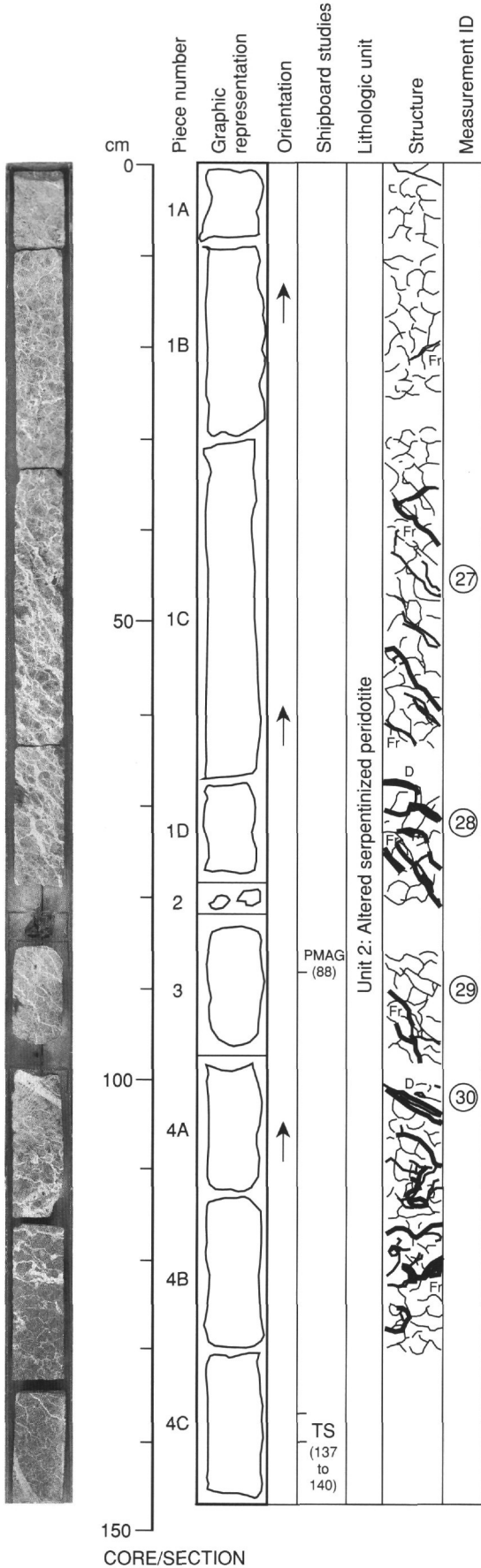
ADDITIONAL COMMENTS: This unit becomes less orange and darker in Pieces 4, 5A, and 5B. Unit continues from Section 149-897D-11R-1. Refer to description of that section for primary and secondary mineralogy. Unit continues into Section 149-897D-15R-2. This is a zone of alteration at the top of the basement.



149-897D-12R-4

UNIT 2: ALTERED SERPENTINIZED PERIDOTITE

Pieces 1A to 4C



COLOR: Pale yellowish brown (10YR 6/2) to dark yellowish orange (10YR 6/6).
LAYERING: No obvious layering.
DEFORMATION: No obvious ductile deformation. Late brittle deformation expressed by calcite-filled fractures.
SECONDARY MINERALOGY: Yellow limonite(?) alteration superimposed on serpentinization.
ADDITIONAL COMMENTS: Piece 4B contains scattered small crystals of tremolite and talc. Unit continues from Section 149-897D-11R-1. Refer to the description of that section for primary and secondary mineralogy. Unit continues to Section 149-897D-15R-2. This is a zone of serpentinization at the top of the basement.

149-897D-12R-5

UNIT 2: ALTERED SERPENTINIZED PERIDOTITE

Pieces 1A to 4E

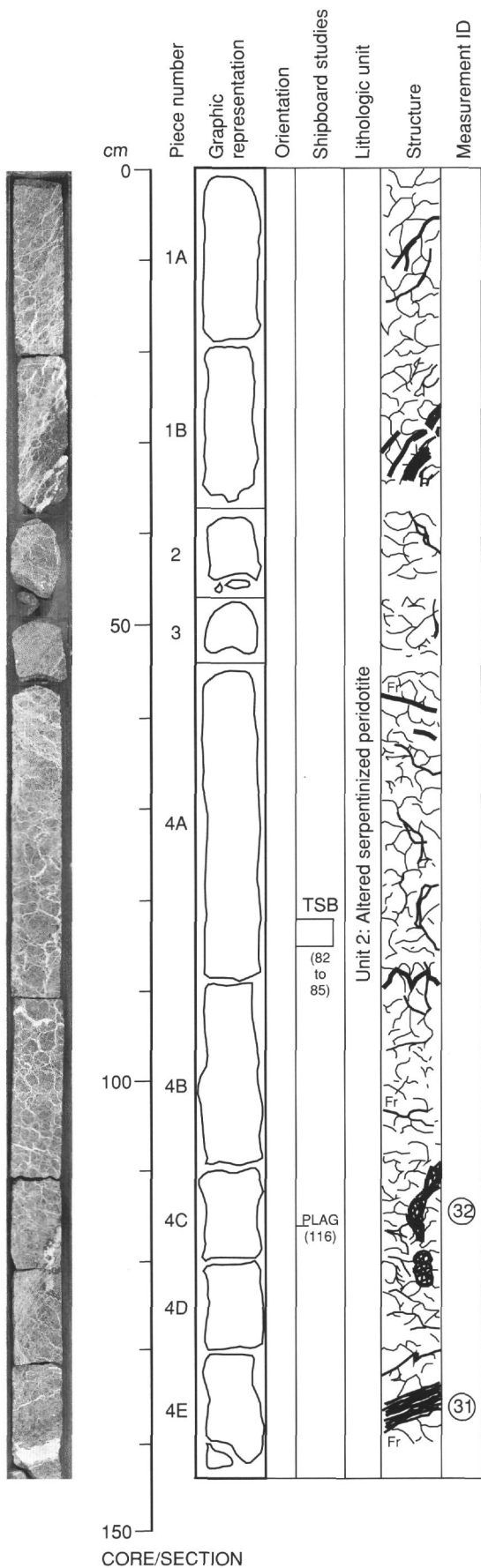
COLOR: Pale yellowish brown (10YR 6/2) to dark yellowish orange (10YR 6/6).

LAYERING: No obvious layering.

DEFORMATION: No obvious ductile deformation. Late brittle deformation expressed by calcite filled fractures.

SECONDARY MINERALOGY: Yellow limonite(?) alteration superimposed on serpentinization.

ADDITIONAL COMMENTS: Unit continues from Section 149-897D-11R-1. Refer to description of that section for details of primary and secondary mineralogy. Unit continues to Section 149-897D-15R-2. This is a zone of alteration at the top of the basement.



UNIT 2: ALTERED SERPENTINIZED PERIDOTITE

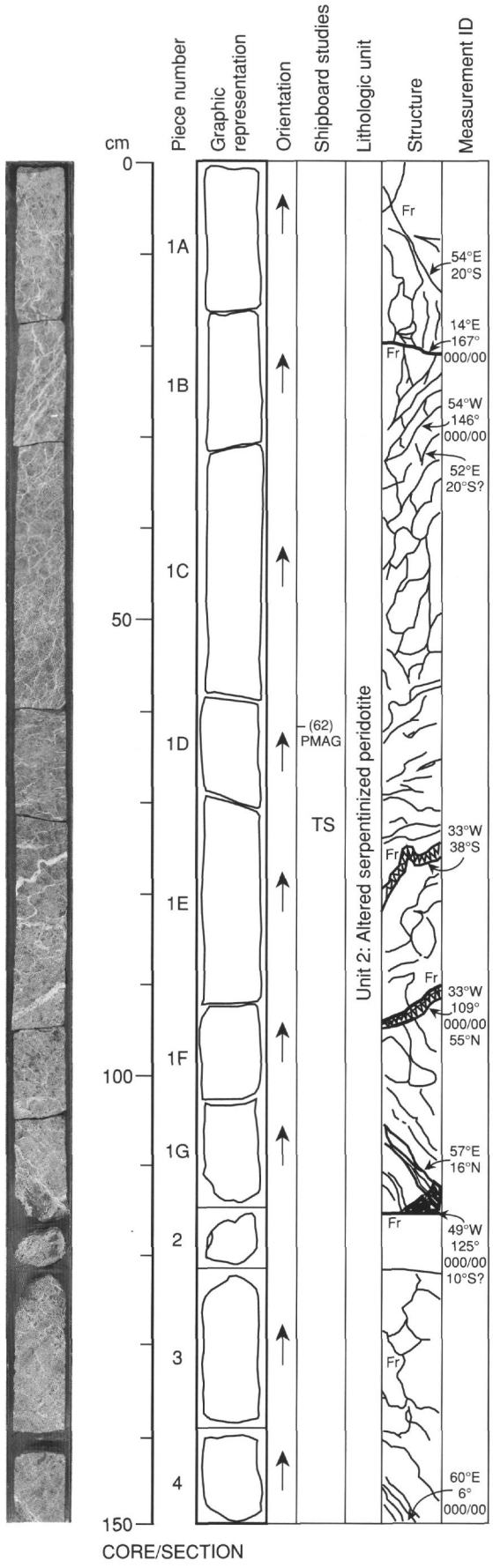
Pieces 1A to 4

COLOR: Dark yellowish brown (10YR 4/2) to light brown (5YR 5/2).

LAYERING: No obvious layering.

DEFORMATION: No obvious ductile deformation. Late brittle deformation expressed as calcite filled fractures.

SECONDARY MINERALOGY: Yellow limonite(?) alteration superimposed on serpentinization.
ADDITIONAL COMMENTS: Unit continues from Section 149-897D-11R-1. Refer to description of that section for details of primary and secondary mineralogy. Unit continues to Section 149-897D-15R-2. This is a zone of alteration at the top of the basement.



CORE/SECTION

149-897D-13R-2

UNIT 2: ALTERED SERPENTINIZED PERIDOTITE

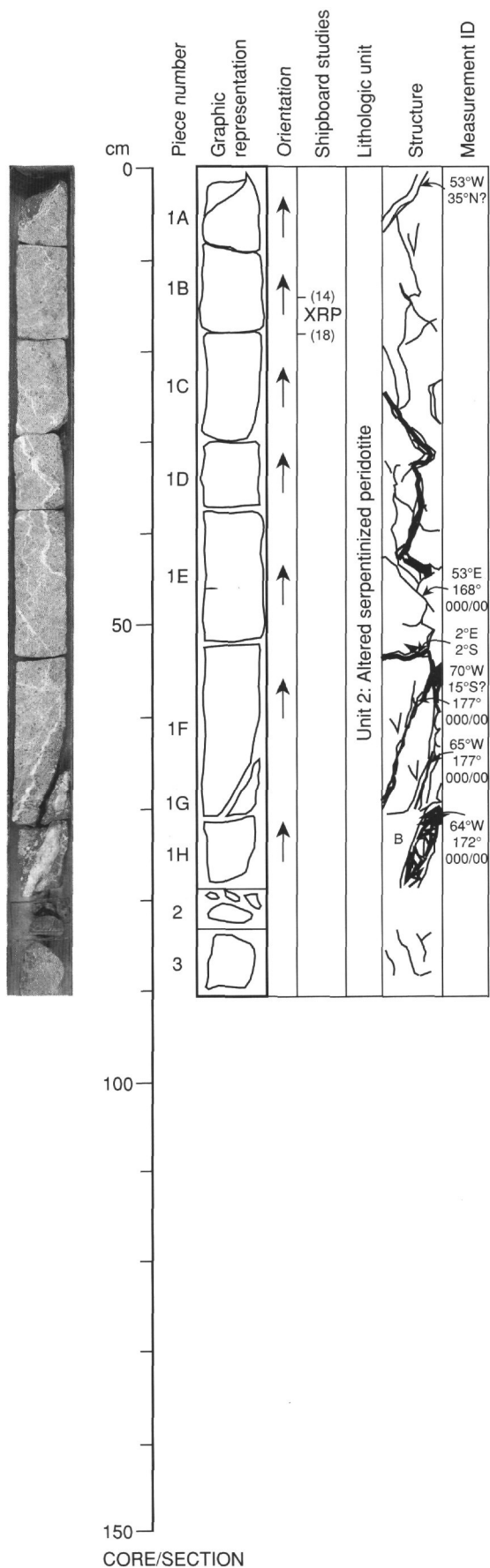
Pieces 1A to 3

COLOR: Moderate yellowish brown (10YR 5/6).

LAYERING: No obvious layering.

DEFORMATION: No obvious ductile deformation. Late brittle deformation expressed as calcite filled fractures.

SECONDARY MINERALOGY: Yellow limonite(?) alteration superimposed on serpentinization.
ADDITIONAL COMMENTS: Unit continues from Section 149-897D-11R-1. Refer to the description of that section for details of primary and secondary mineralogy. Unit continues to Section 149-897D-15R-2. This is a zone of alteration at the top of the basement.



UNIT 2: ALTERED SERPENTINIZED PERIDOTITE

Pieces 1A-1F

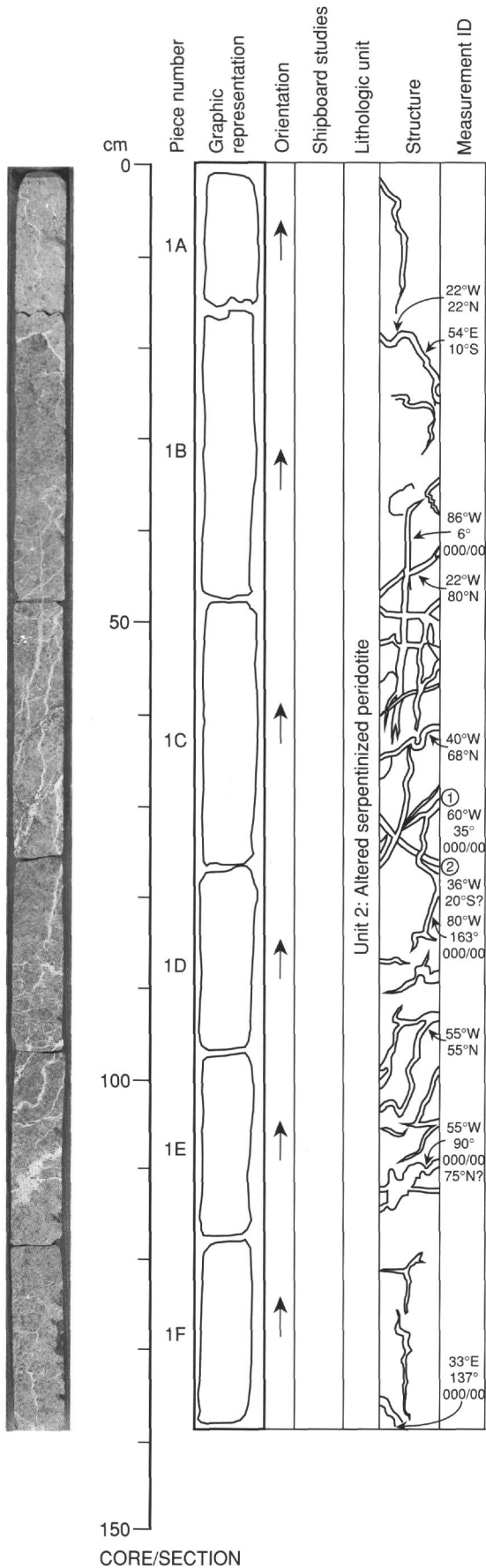
COLOR: Moderate yellowish brown (10YR 5/6) to dark yellowish brown (10YR 6/2).

LAYERING: No obvious layering.

DEFORMATION: No obvious ductile deformation. Late brittle deformation expressed as calcite-filled fractures.

SECONDARY MINERALOGY: Yellow limonite(?) alteration superimposed on serpentinization.

ADDITIONAL COMMENTS: Unit continues from Section 149-897D-11R-1. Refer to description of that section for details of primary and secondary mineralogy. Unit continues to Section 149-897D-15R-2. This is a zone of alteration at the top of the basement.



149-897D-13R-4

UNIT 2: ALTERED SERPENTINIZED PERIDOTITE

Pieces 1A to 2I

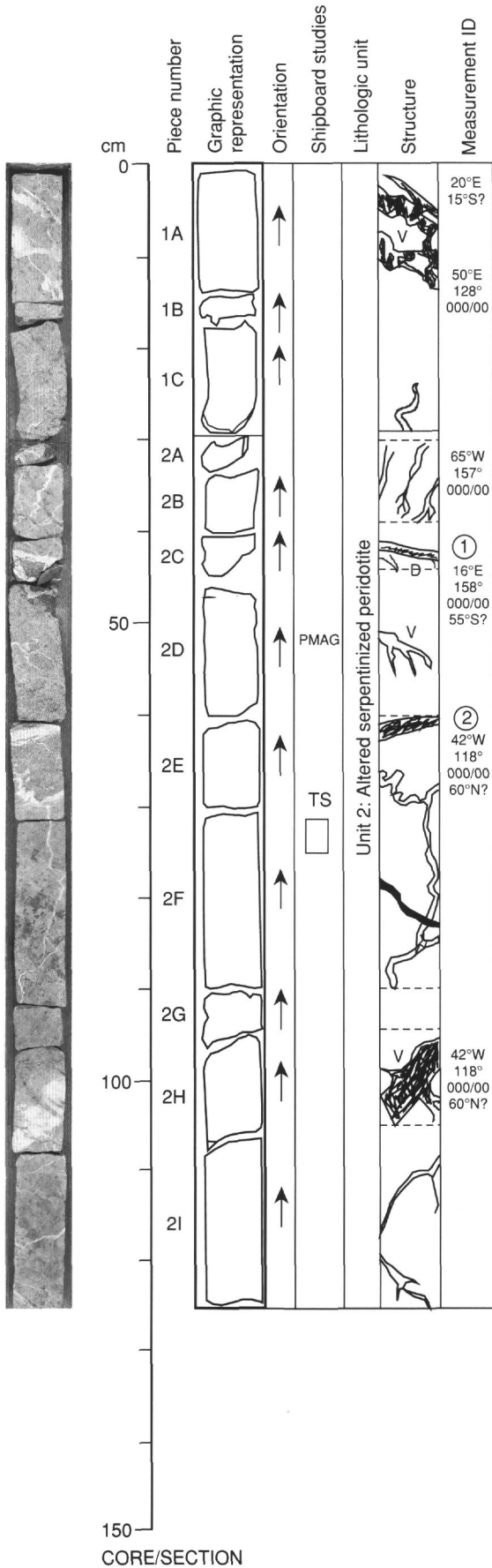
COLOR: Light brown (5YR 5/6) to yellowish gray (5Y 8/1).

LAYERING: No obvious layering.

DEFORMATION: No obvious ductile deformation. Late brittle deformation expressed as calcite-filled fractures.

SECONDARY MINERALOGY: Yellow limonite(?) alteration superimposed on serpentinization.

ADDITIONAL COMMENTS: Unit continues from Section 149-897D-11R-1. Refer to description of uppermost section for details of primary and secondary mineralogy. Unit continues to Section 149-897D-11R-1. Refer to description of that section for details of primary and secondary mineralogy. Unit continues to Section 149-897D-15R-2. This is a zone of alteration at the top of the basement.



UNIT 2: ALTERED SERPENTINIZED PERIDOTITE

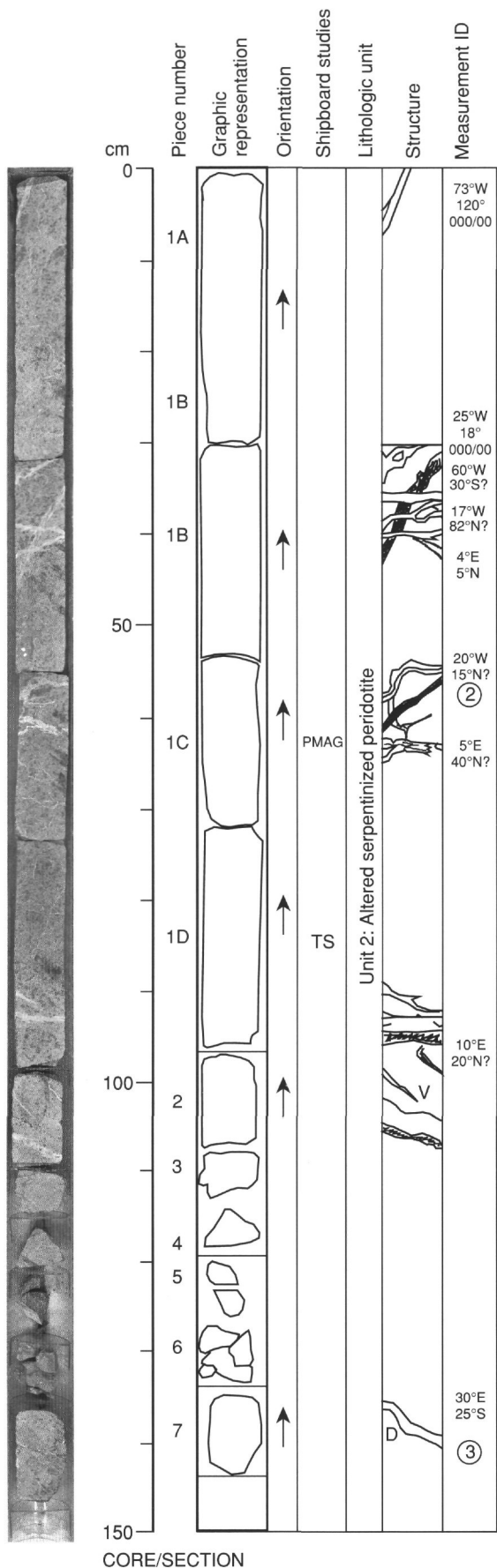
Pieces 1A to 7

COLOR: Moderate brown (5YR 4/4) to light brown (5YR 5/6).

LAYERING: No obvious layering.

DEFORMATION: No obvious ductile deformation. Late brittle deformation expressed as calcite filled fractures.

SECONDARY MINERALOGY: Yellow limonite(?) alteration superimposed on serpentinization.
ADDITIONAL COMMENTS: Unit continues from Section 149-897D-11R-1. Refer to description of that section for details of primary and secondary mineralogy. Unit continues to Section 149-897D-15R-2. This is a zone of alteration at the top of the basement.



CORE/SECTION