

CORE DESCRIPTIONS
VISUAL CORE DESCRIPTIONS, SITE 1100

Core Image

1100A-1R THROUGH 1100A-3R NO RECOVERY

VISUAL CORE DESCRIPTION
 IGNEOUS/METAMORPHIC ROCKS



178-1100B-1R-1

cm	Piece number	Graphic Representation	Orientation	Shipboard studies	Lithologic unit	Structure	Measurement ID
0	1						1. mafic plutonic
	2						2 and 3. tuff
	3						4. granodiorite
	4						5. mafic plutonic
	5						6. volcaniclastic
	6						
50							All pieces abraded by drilling.
100							
150							


Note: Piece numbers are not curated piece numbers. We used them solely for description purposes.

CORE/SECTION


Core Image

Site 1100 Hole C Core 1R							Cored 0.0-5.0 mbsf
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	DISTURB.	SAMPLE	DESCRIPTION
1	1					— SS	<p>DIAMICT</p> <p>Section 1, 0-40 cm: Massive diamict, dark greenish gray (5GY 4/1) with two olive layers (5Y 4/2) at 20-24 and 36-40 cm. The olive layers are diatom-bearing silty mud with gravel. They represent more of an open marine diatom fauna. This core was collected as a gravity core and the upper 40 cm may represent reworked material from the seafloor.</p> <p>Section 1, 40 cm to Core Catcher: Massive clast-rich diamict, dark greenish gray (5Gy 4/1). The silty mud in the diamict is soft and sticky throughout the core. Large pebbles appear as shown. In Section 2, 0-5 cm, volcanoclastic pebble 5 cm in diameter, Section 3, 60-65 cm, subrounded volcanoclastic pebble 4 cm in diameter, in Core Catcher, volcanoclastic, 3.5 cm in diameter.</p>
2	2					— SS	
3	3						
4	4						

Core Image

Site 1100 Hole D Core 1R							Cored 0.0-14.6 mbsf
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	DISTURB.	SAMPLE	DESCRIPTION
							<p>SS DIAMICT</p> <p>Massive diamict with silty clay matrix, dark greenish gray (5GY 4/1). Two pebbles, an angular volcanoclastic, 3 cm in diameter and a subrounded basalt, 3 cm in diameter.</p>

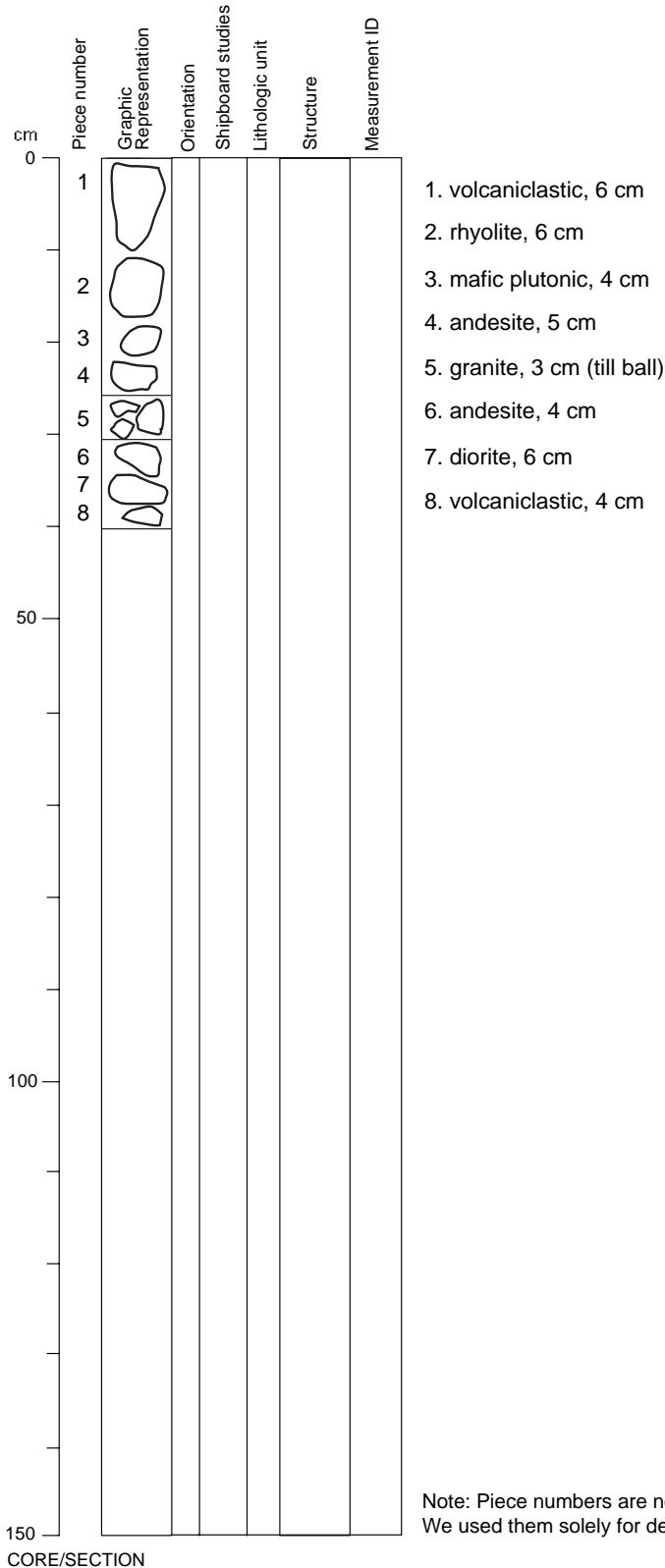
Core Image

Site 1100 Hole D Core 2R						Cored 14.6-24.2 mbsf	
METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	DISTURB.	SAMPLE	DESCRIPTION
							<p>SS DIAMICT</p> <p>Massive diamict, dark greenish gray (5GY 4/1), matrix is clayey silt. Felsic plutonic igneous pebble, 3 cm in diameter.</p>

Core Image

VISUAL CORE DESCRIPTION
 IGNEOUS/METAMORPHIC ROCKS

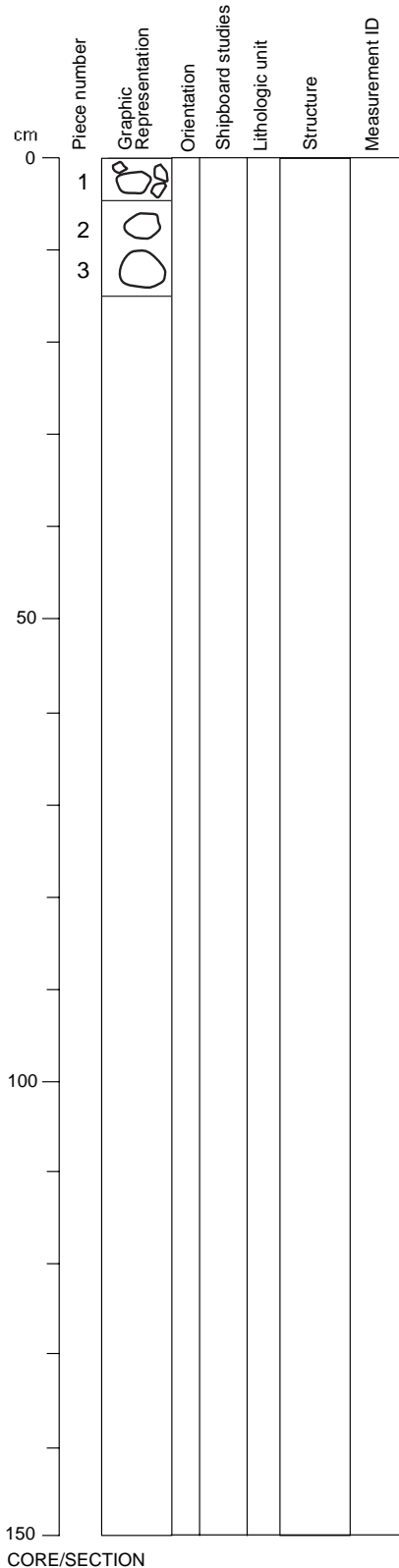
178-1100D-3R-CC



Core Image

VISUAL CORE DESCRIPTION
 IGNEOUS/METAMORPHIC ROCKS

178-1100D-4R-CC



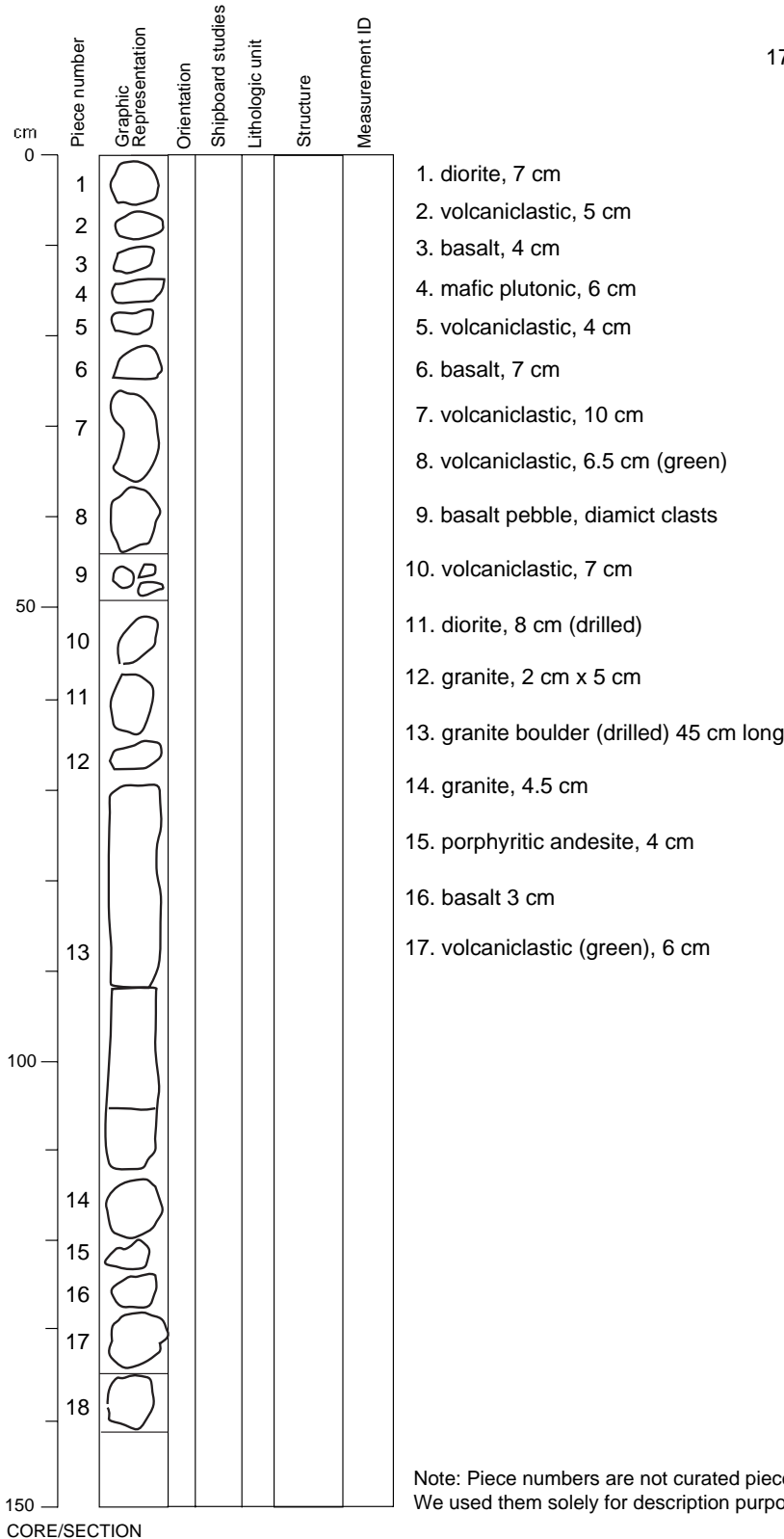
- 1. gravel with attached mud quartzite with pyrite crystals
- 2. basalt, 3.5 cm
- 3. basalt, 5.5 cm

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Core Image

VISUAL CORE DESCRIPTION
 IGNEOUS/METAMORPHIC ROCKS

178-1100D-5R-1



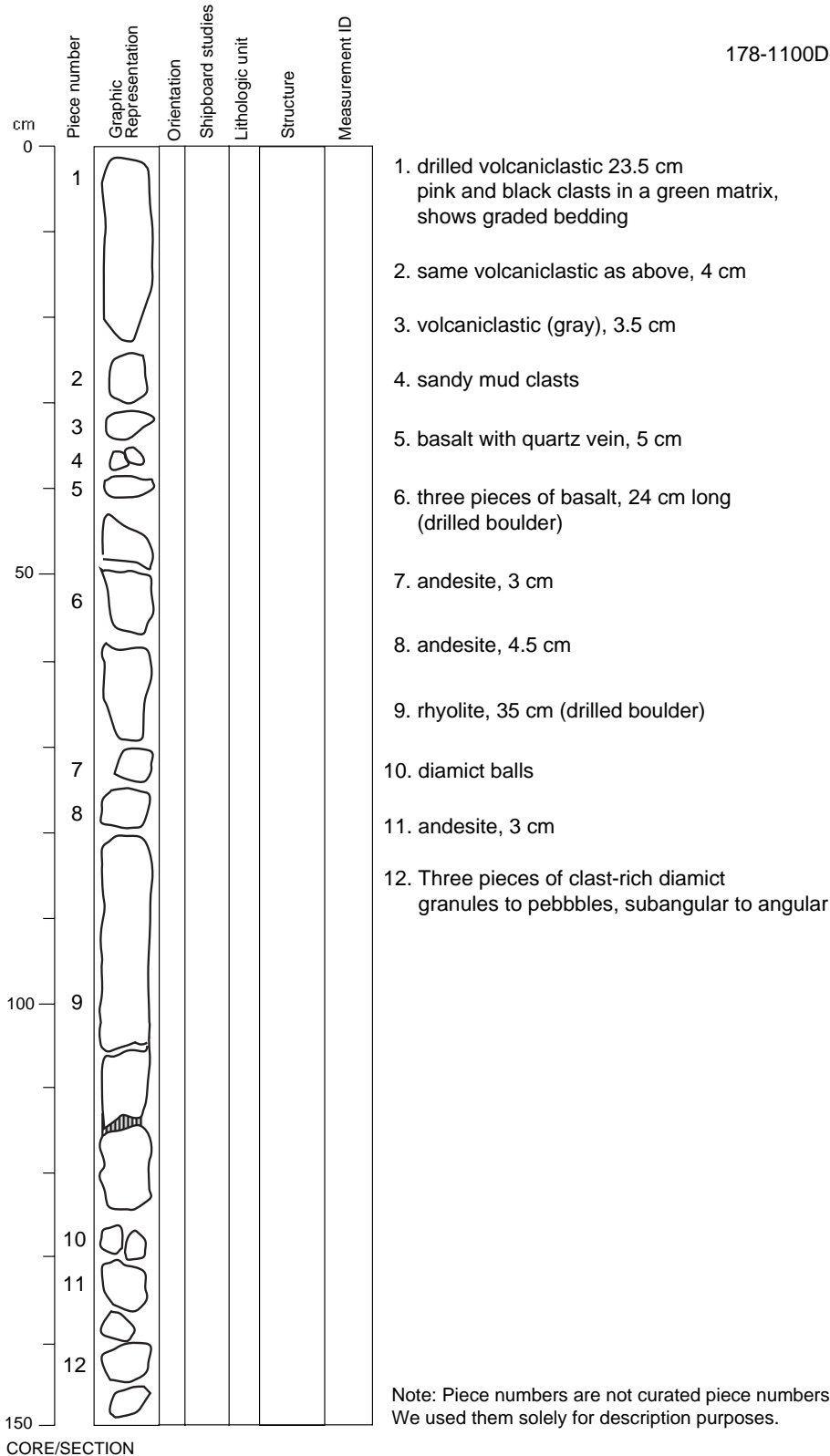
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CORE/SECTION

Core Image

VISUAL CORE DESCRIPTION
 IGNEOUS/METAMORPHIC ROCKS

178-1100D-6R-1

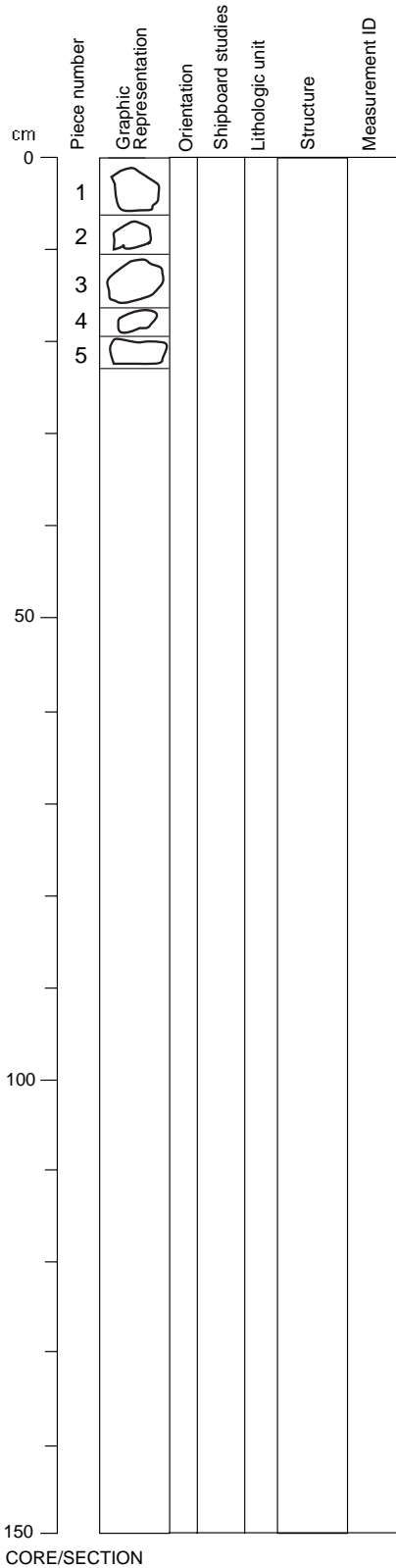


CORE/SECTION

Core Image

VISUAL CORE DESCRIPTION
 IGNEOUS/METAMORPHIC ROCKS

178-1100D-6R-CC



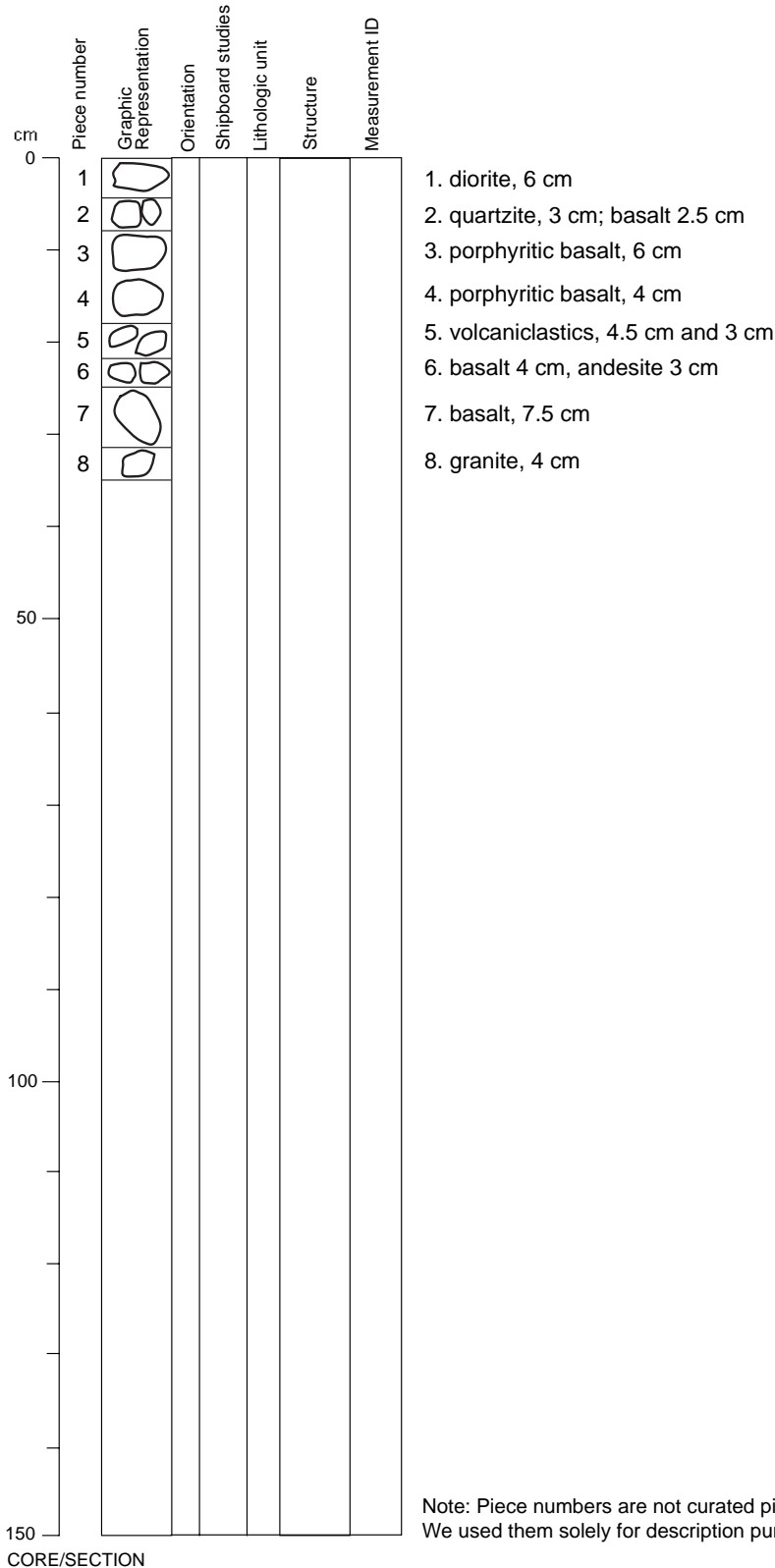
- 1. basalt with quartz vein, 5 cm
- 2. chert, 3 cm
- 3. volcaniclastic, 4 cm
- 4. porphyritic andesite, 3 cm
- 5. volcaniclastic (green), 5.5 cm

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Core Image

VISUAL CORE DESCRIPTION
 IGNEOUS/METAMORPHIC ROCKS

178-1100D-7R-CC

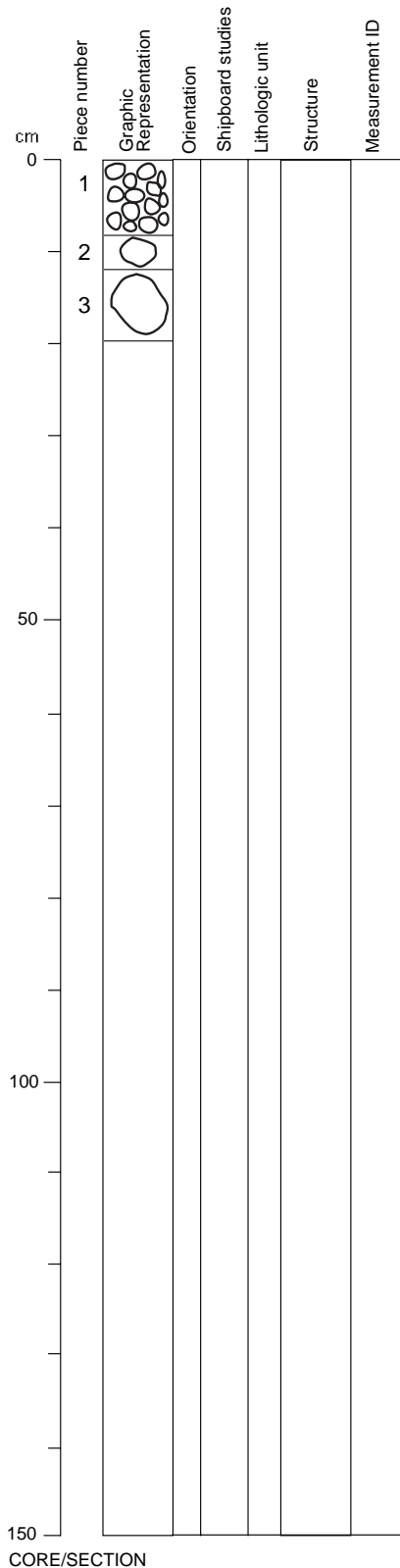


CORE/SECTION

Core Image

VISUAL CORE DESCRIPTION
 IGNEOUS/METAMORPHIC ROCKS

178-1100D-8R-CC



1. mixture of basalt, green volcanics+volcaniclastics, plutonics, red siltstone, schist, fine-grained metasediments, sizes 6 mm to 3 cm, subrounded to subangular
2. basalt, 4.5 cm, subrounded
3. diorite/volcanic, preserving igneous contact, 7 cm, subrounded

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Core Image

VISUAL CORE DESCRIPTION
 IGNEOUS/METAMORPHIC ROCKS

178-1100D-9R-CC

cm	Piece number	Graphic Representation	Orientation	Shipboard studies	Lithologic unit	Structure	Measurement ID
0	1						
	2						
	3						
	4						
	5						
50							
100							
150							

- All cobbles
1. metamorphic
 2. large (3-5 cm) unidentified clast with sandy clay, greenish gray (5G 4/1)
 3. small unidentified clast with sandy clay
 4. volcanoclastic
 5. volcanoclastic

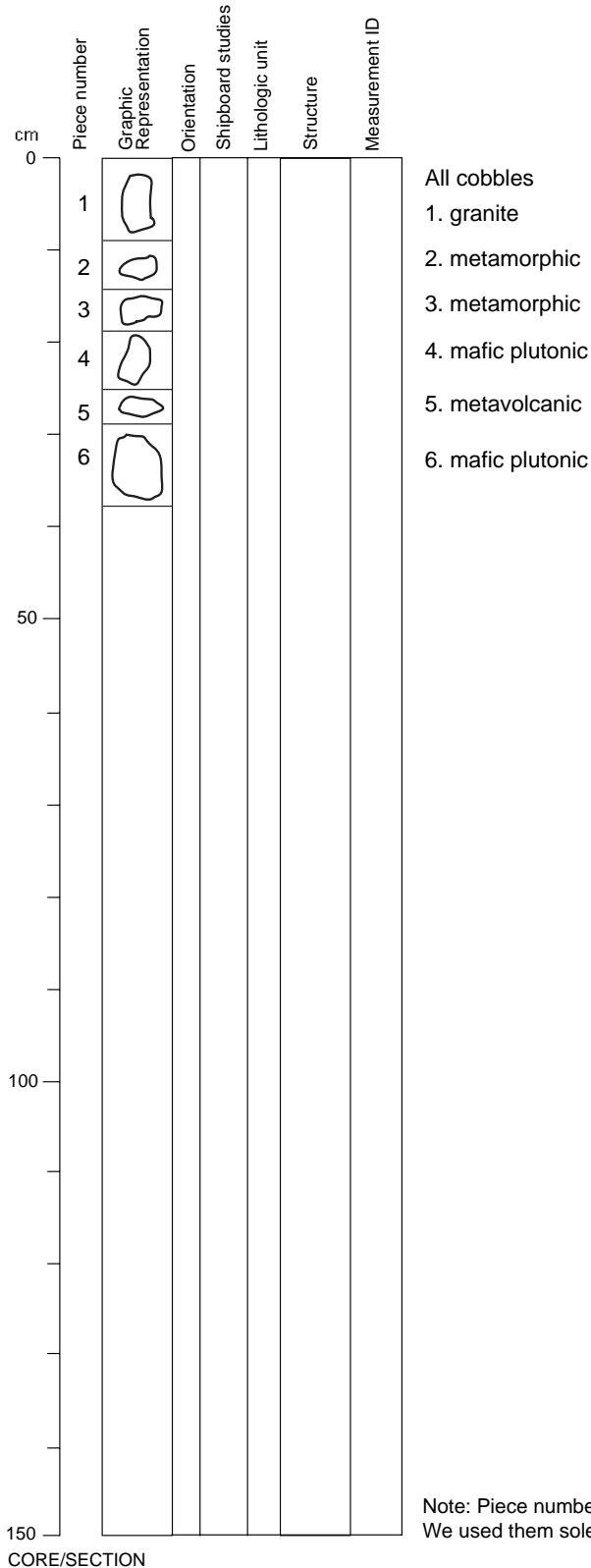
Note: Piece numbers are not curated piece numbers. We used them solely for description purposes.

CORE/SECTION

Core Image

VISUAL CORE DESCRIPTION
 IGNEOUS/METAMORPHIC ROCKS

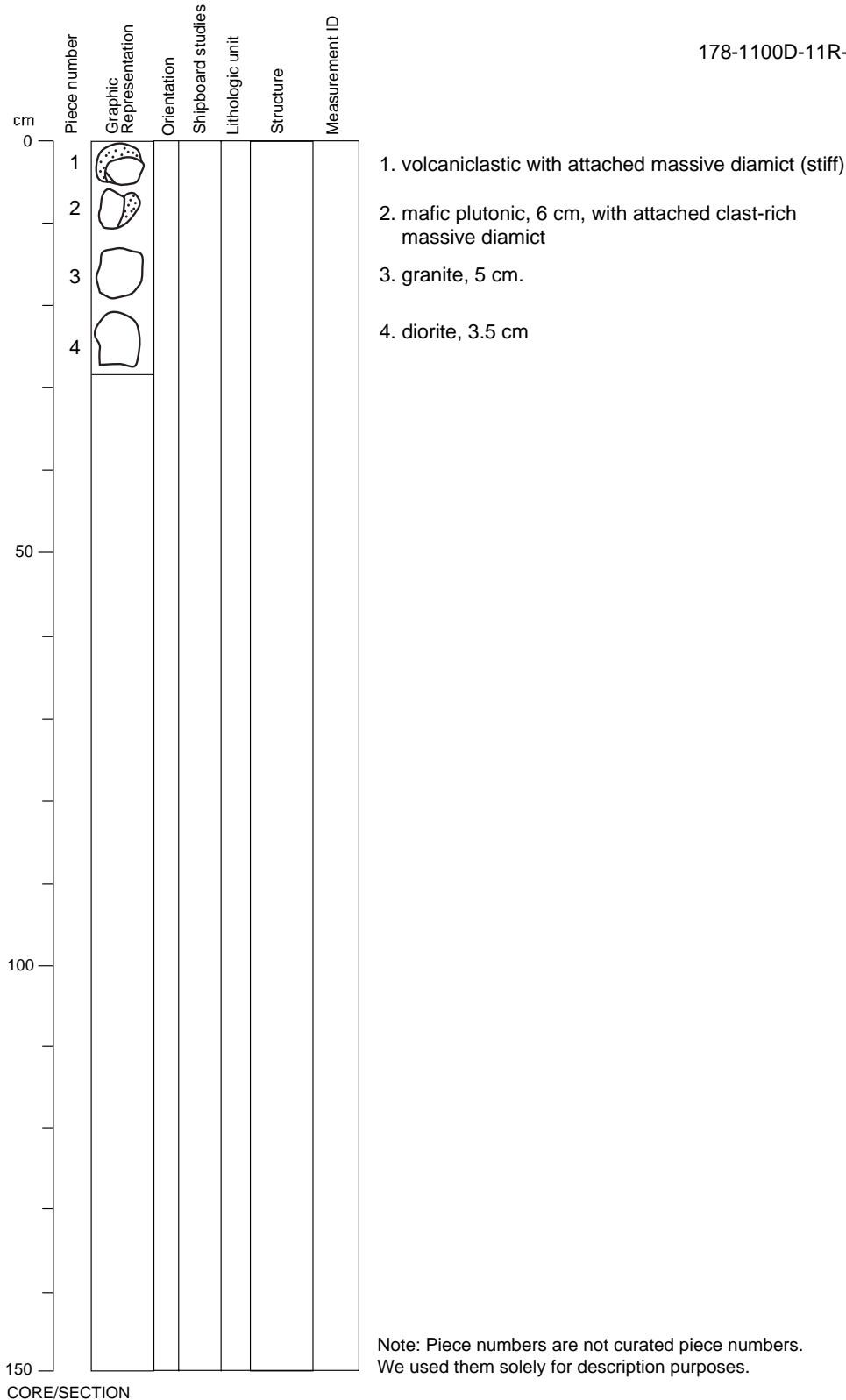
178-1100D-10R-CC



Core Image

VISUAL CORE DESCRIPTION
 IGNEOUS/METAMORPHIC ROCKS

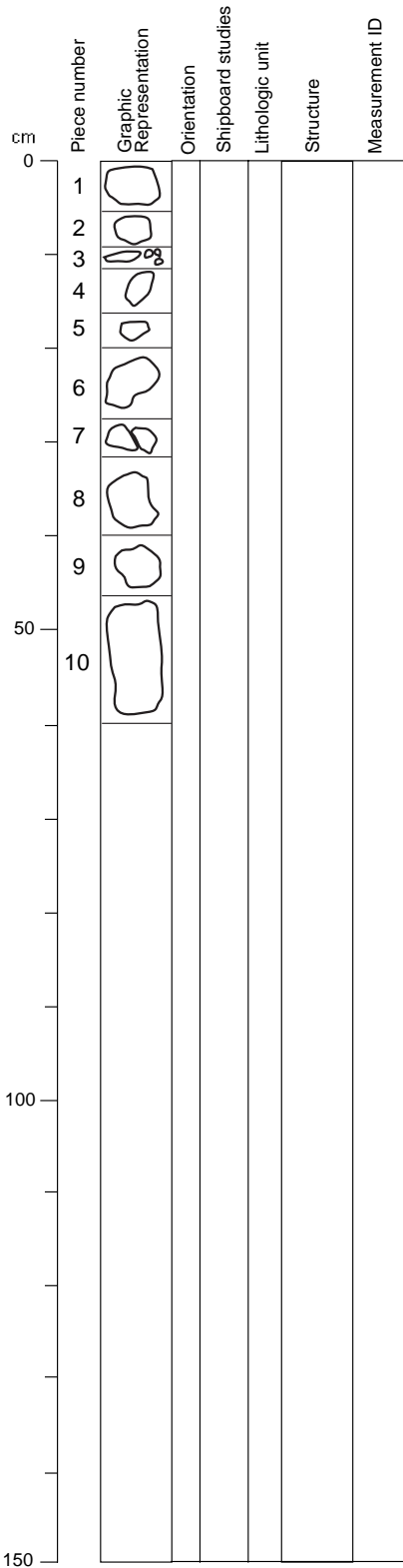
178-1100D-11R-CC



Core Image

VISUAL CORE DESCRIPTION
 IGNEOUS/METAMORPHIC ROCKS

178-1100D-12R-1



1 to 10. mostly volcanoclastics

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