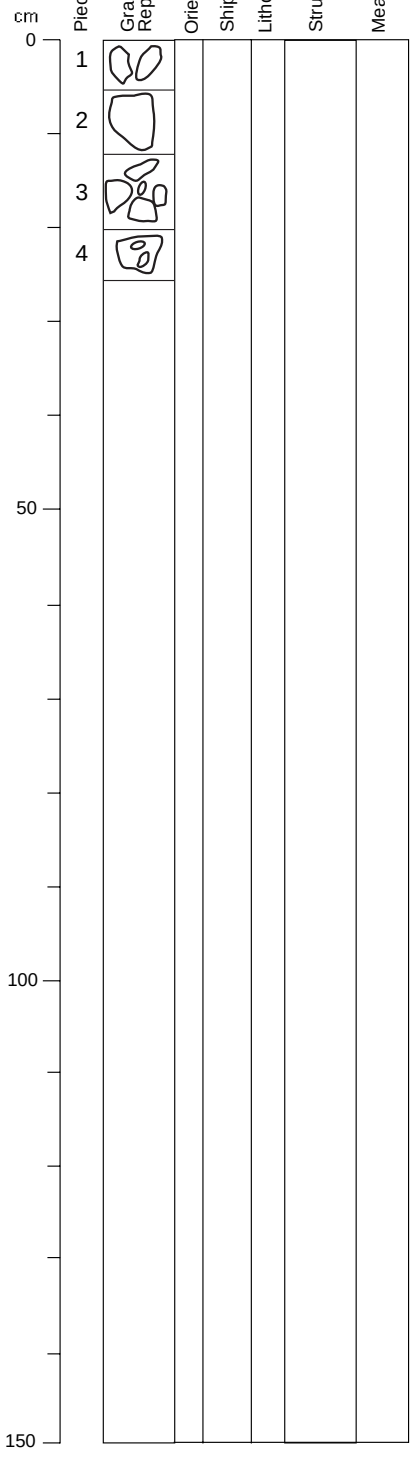
Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-1R-CC



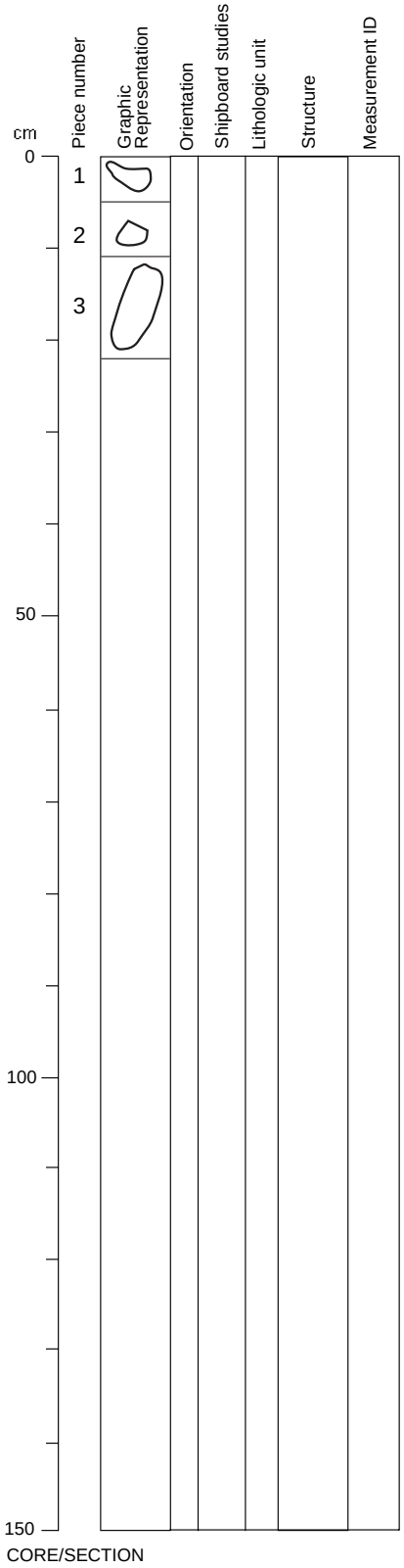
1. granite and basalt
2. rhyorite
3. granite, volcaniclastic, and basalt
4. diamict, green silty clay matrix

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-2R-CC



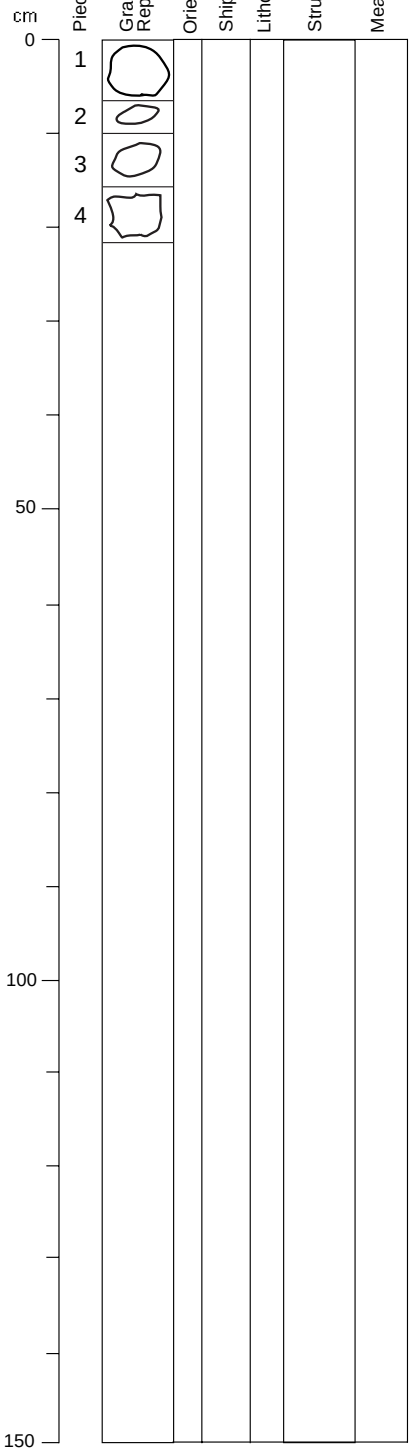
1. volcaniclastic breccia
2. tuff
3. granite

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-3R-CC



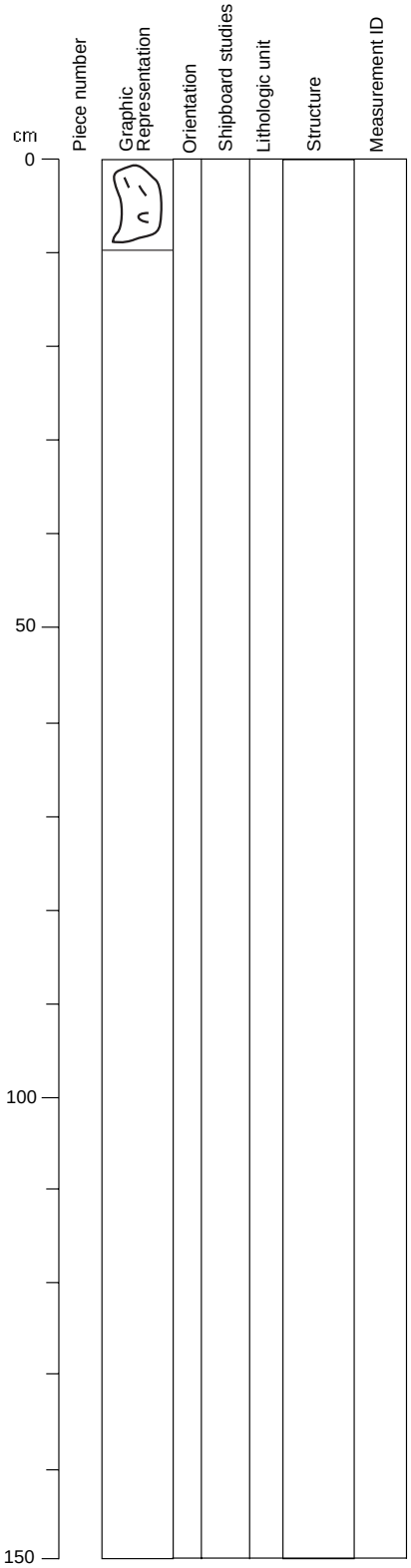
1. metamorphic
2. basalt
3. granite
4. laminated volcaniclastic

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-4R-CC



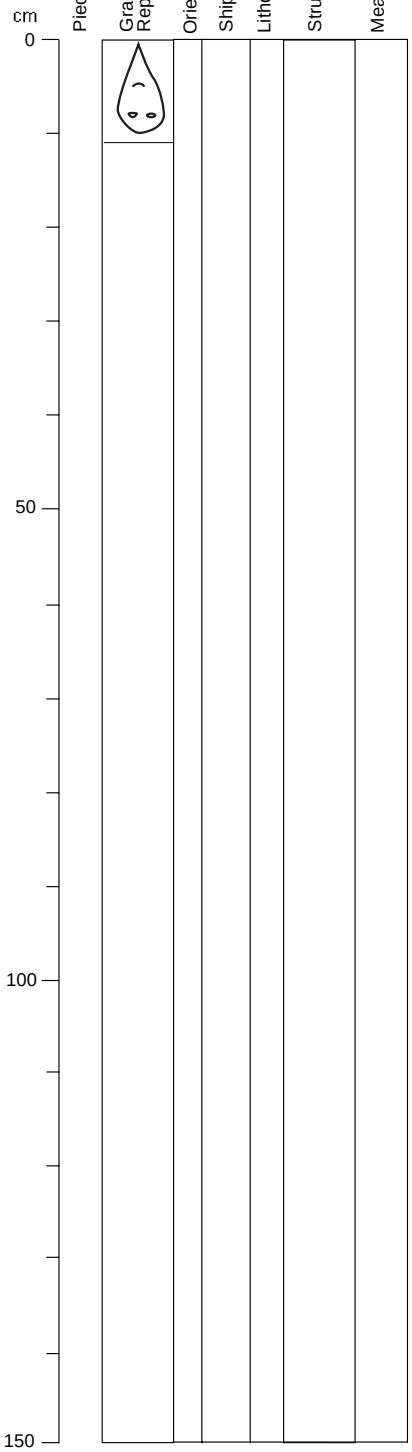
basalt

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

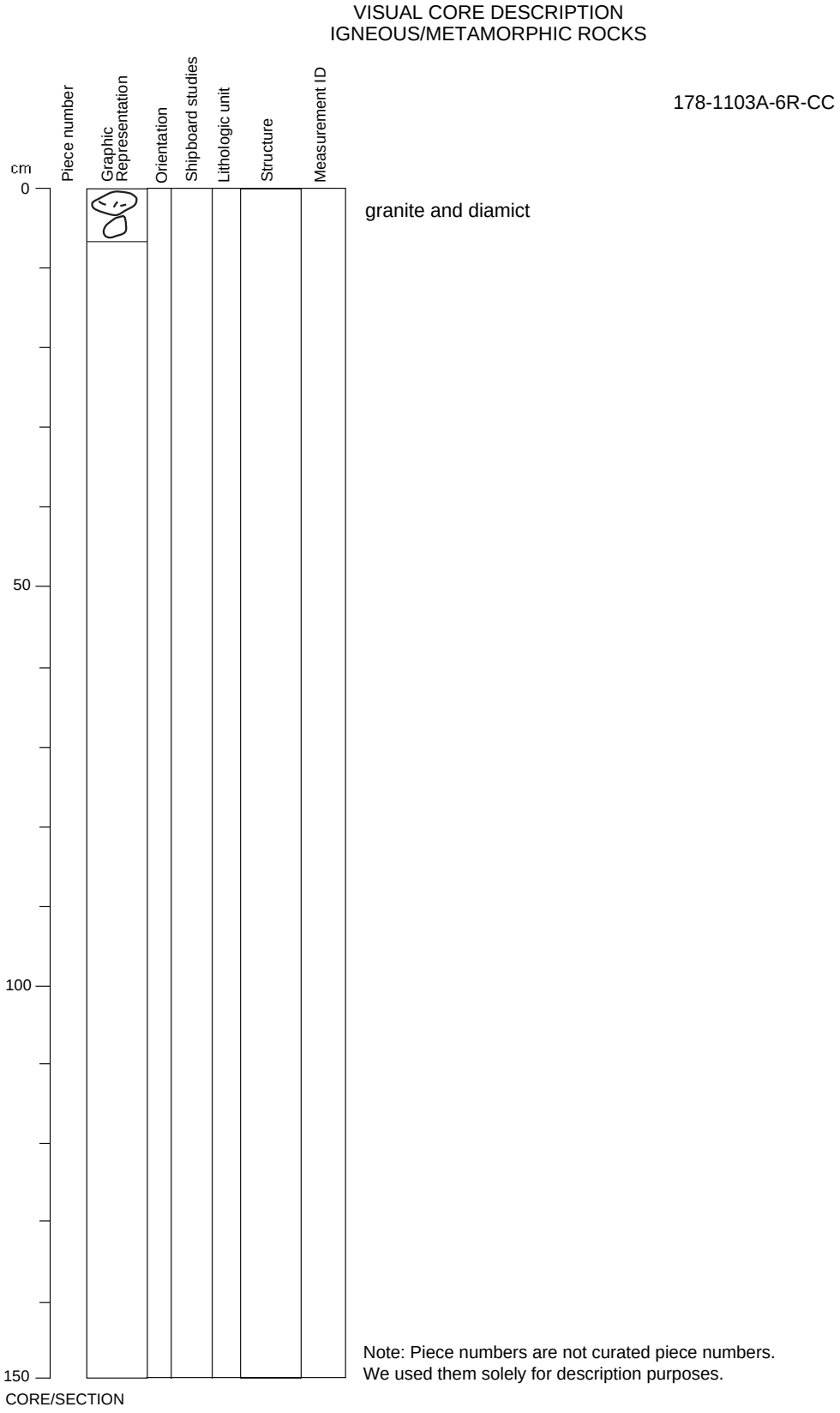
178-1103A-5R-CC



basalt

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

Core Image

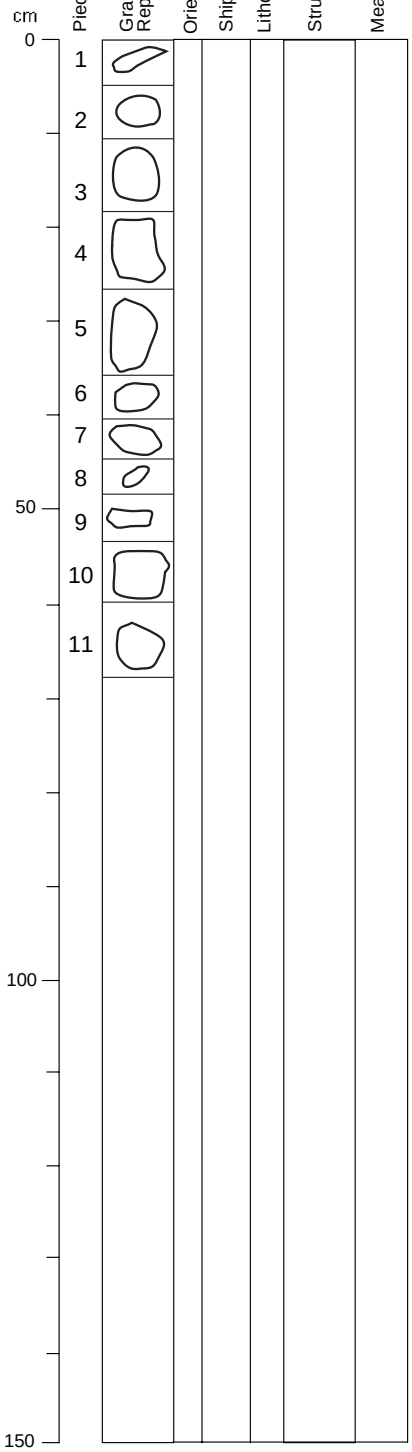


1103A-7R NO RECOVERY

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-8R-1



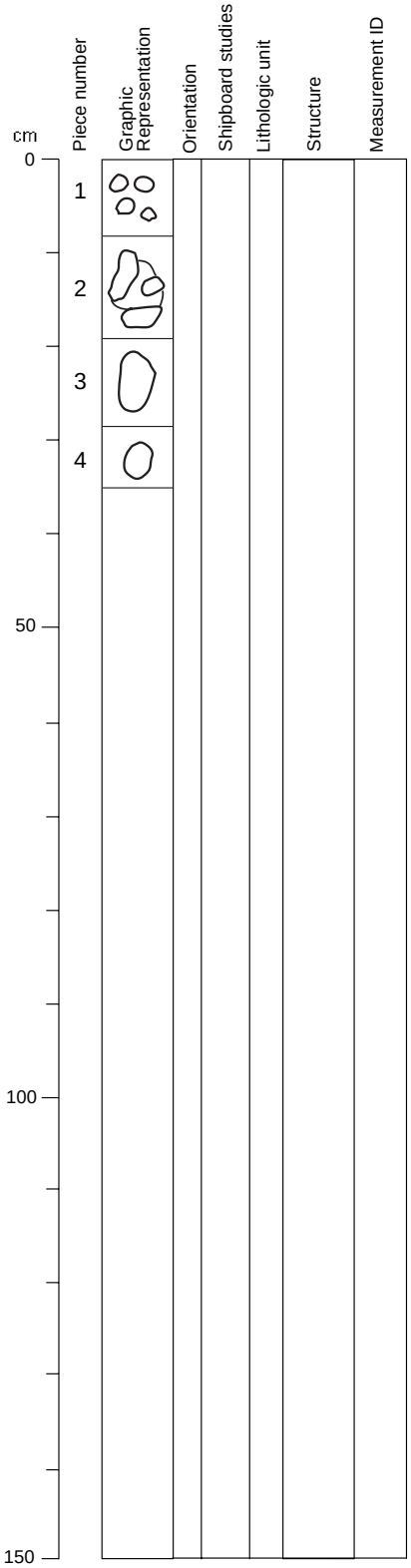
1. metamorphic
2. volcaniclastic
3. metamorphic
4. volcaniclastic
5. metasediment
6. metasediment
7. volcaniclastic
8. fine-grained igneous
9. fine-grained mafic
10. basalt
11. basalt

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-9R-CC



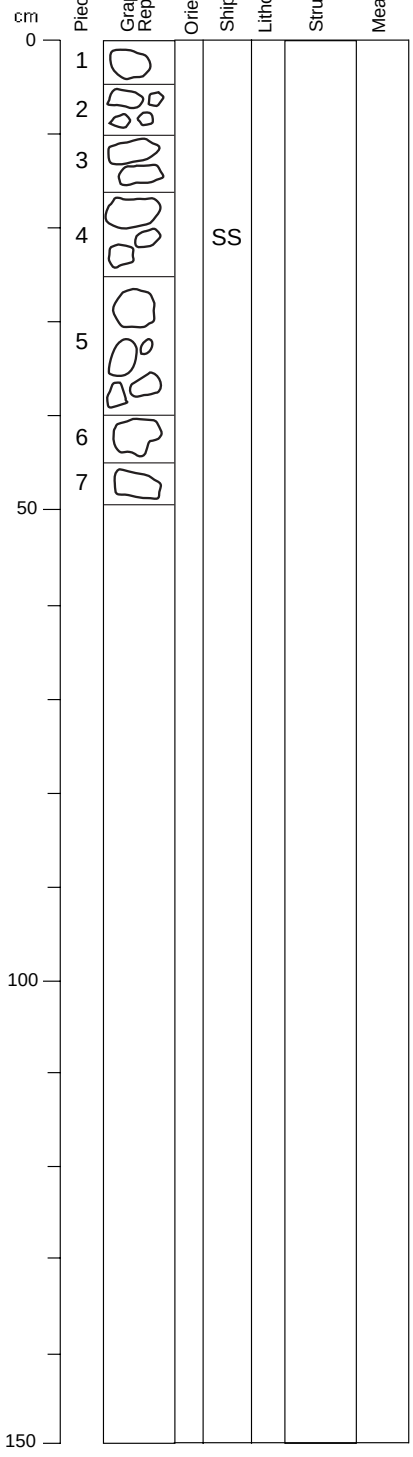
1. clast-rich diamict, disturbed by drilling
2. tuff, volcaniclastic and rhyolite in clast-rich diamict; disturbed by drilling
3. granite
4. volcaniclastic

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-10R-1



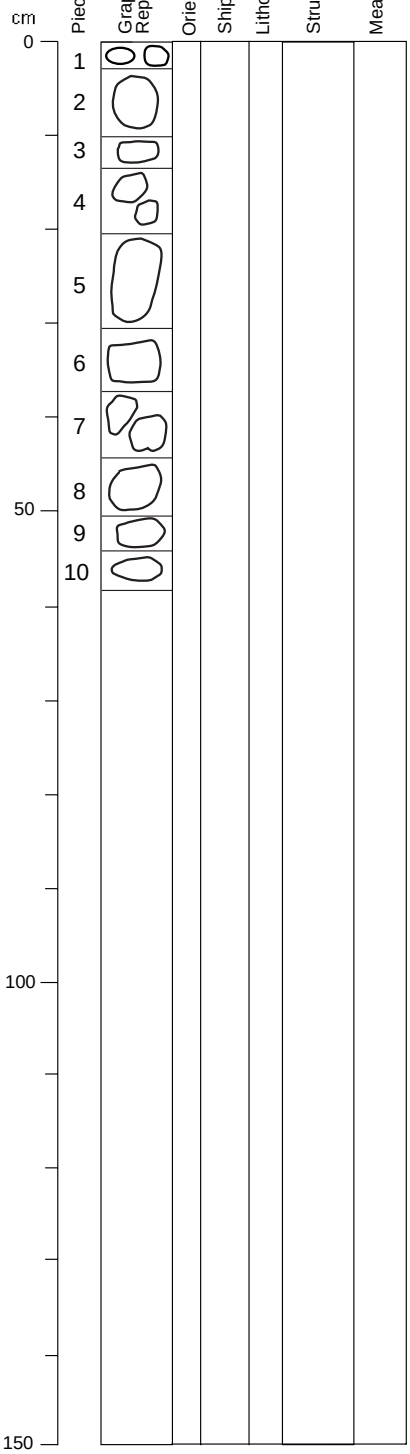
1. andesite, 3.5 cm
2. pieces of diamict
3, 4, 5. clast-rich diamist (indurated)
6. Plutonic igneous, 5 cm
7. basalt, 4 cm

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-11R-CC



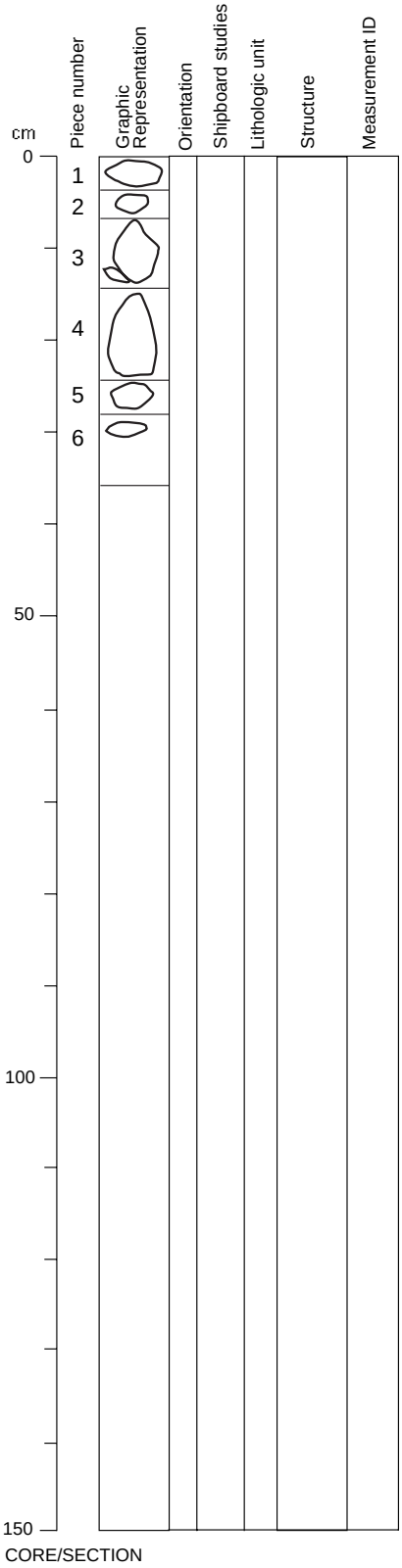
1. basalt pebbles, 3 cm
2. claslt-rich, massive diamist, rounded and angular granules and pebbles up to 1 cm
3. volcaniclastic, 3 cm
4. igneous plutonic (andesite?), 4 cm
5. volcanic breccia, 10 cm
6. basalt, 5.5 cm
7. volcaniclastic, 5 cm; diamict attached to a pebble
8. basalt, 4.5 cm
9. igneous plutonic, 4 cm
10. basalt, 4 cm

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-12R-1



1. subrounded diorite, 4 cm
2. subrounded volcaniclastic, 3.5 cm
3. subrounded basalt, 7.5 cm, and angular basalt, 2.5 cm
4. subrounded granodiorite, 10 cm

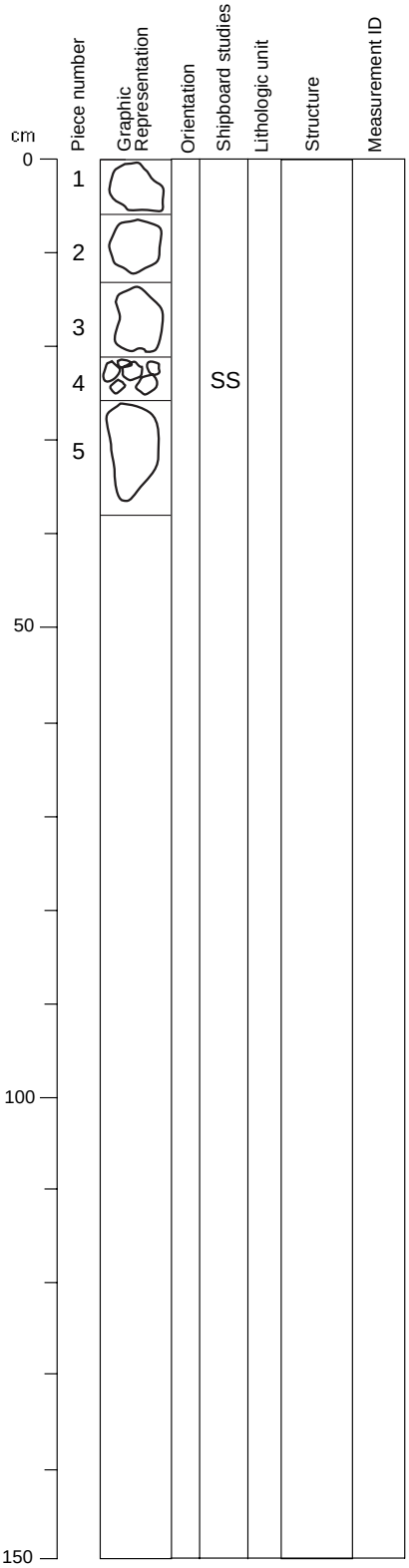
5, 6. angular volcaniclastic, 4 cm

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-13R-1



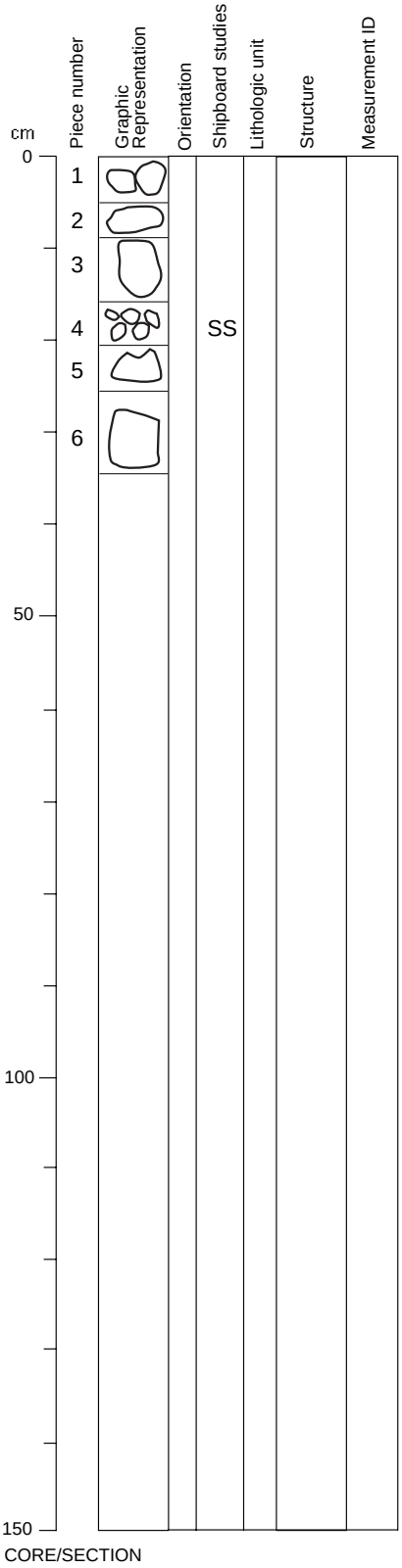
1. subangular, fractured basalt, 6 cm
2. subrounded, coarse diorite, 6.5 cm
3. angular green volcaniclastic, planer (bedding) fabric, 7.5 cm
4. small (1-2 cm) volcanic pebbles in clayey mud matrix, 5% diatoms
5. subangular diorite, 10 cm

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-14R-1

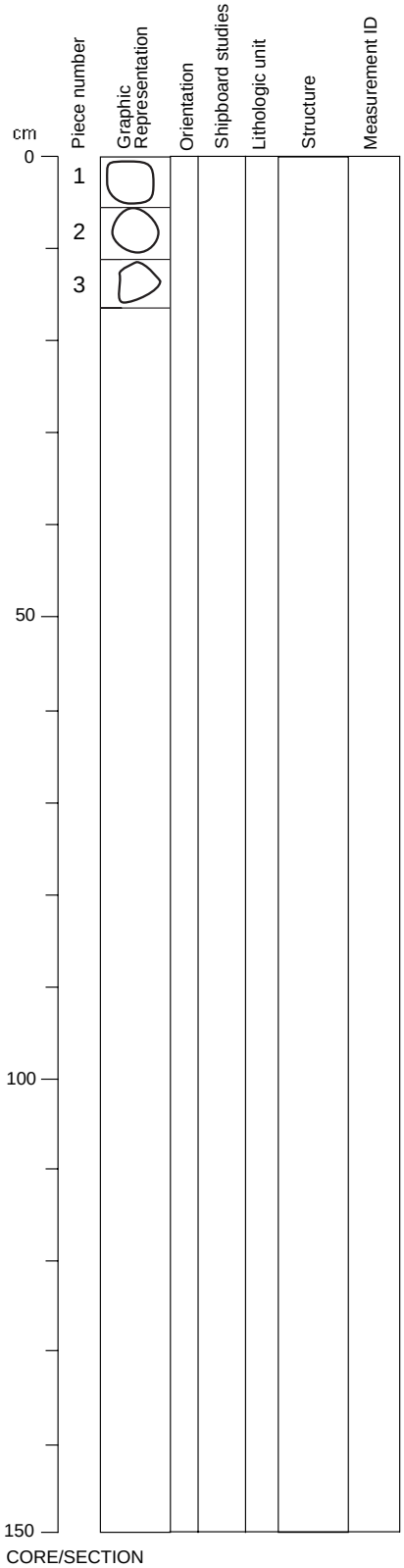


1. subrounded granodiorite, 2.5 and 3.5 cm
2. subangular amygdaloidal lava, brown/green, 5 cm
3. subrounded volcaniclastic, 6.5 cm
4. angular small volcanics with fragments of dark greenish gray diamict in silty clay matrix, 2-3 cm.
5. angular basalt, 4.5 cm
6. subangular granodiorite, 8 cm (part of larger piece)

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS



178-1103A-15R-1

1. subangular feldspar phyric lava, 6.5 cm
2. subrounded granodiorite, 6 cm
3. subrounded coarse (pebbly) volcaniclastic, 4.5 cm

Small amount of sediment attached to rock is silty clay with 5% poorly preserved diatoms.

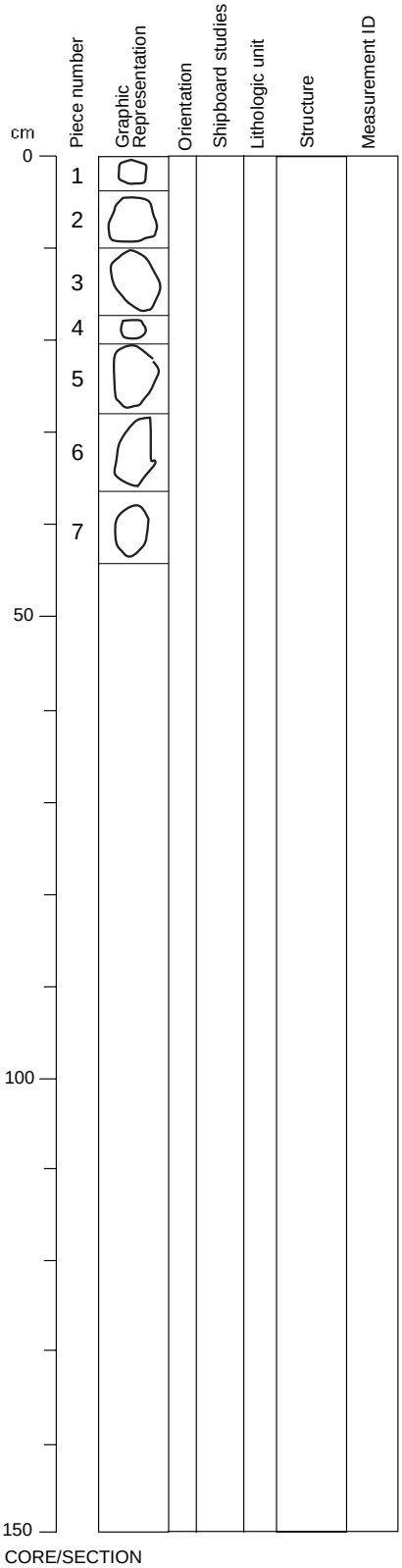
Note: Piece numbers are not curated piece numbers. We used them solely for description purposes.

1103A-16R-CC ENTIRE CORE GIVEN TO PALEONTOLOGISTS.

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-17R-1



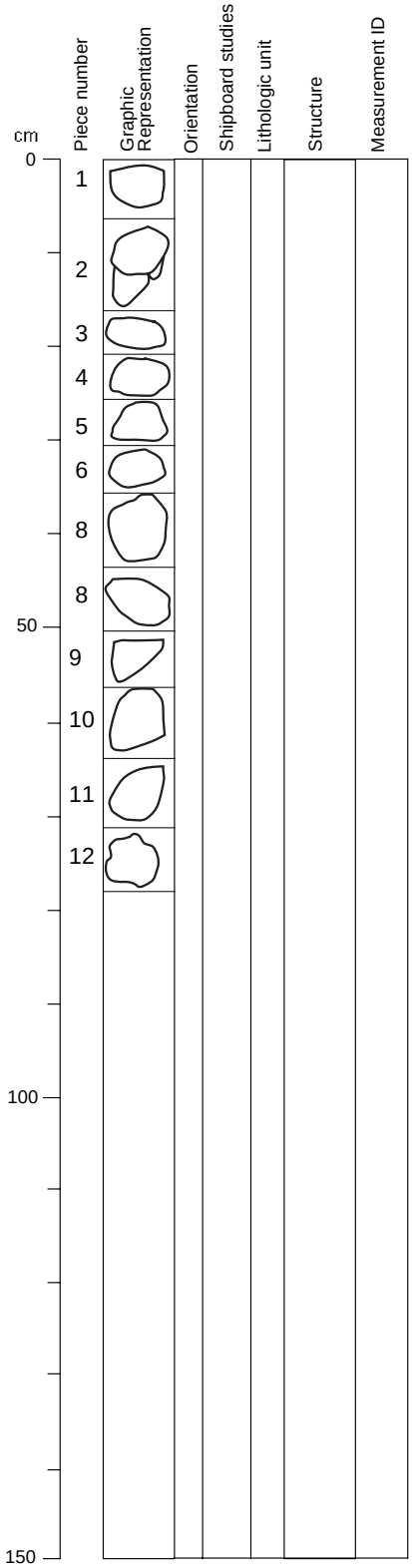
1. angular basalt, 2.5 cm
2. 3. subangular fine-grained granodiorite/andesite, 6 cm
4. subrounded volcanic breccia(?), 7 cm
5. angular volcanic breccia(?), 2.5 cm
6. angular volcaniclastic, 8 cm (sediment adhered to this piece is silty mud)
7. subangular diorite, 7 cm

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-18R-1



1. well rounded andesite, 6 cm
2. subrounded dark green volcanic with small amount of silty clay diamict matric, 6 cm
3. subrounded fine-grained granite, 6 cm
4. well rounded, fine-grained diorite, 5.5 cm

5,6,7. subangular granodiorite, part of larger piece at least 15 cm long

8. subangular volcaniclastic, 7 cm
9. subangular granite, 6 cm

10, 12. subangular dark gray schist (fine-grained metaseimdnt)with folded quartz veins, 8 cm

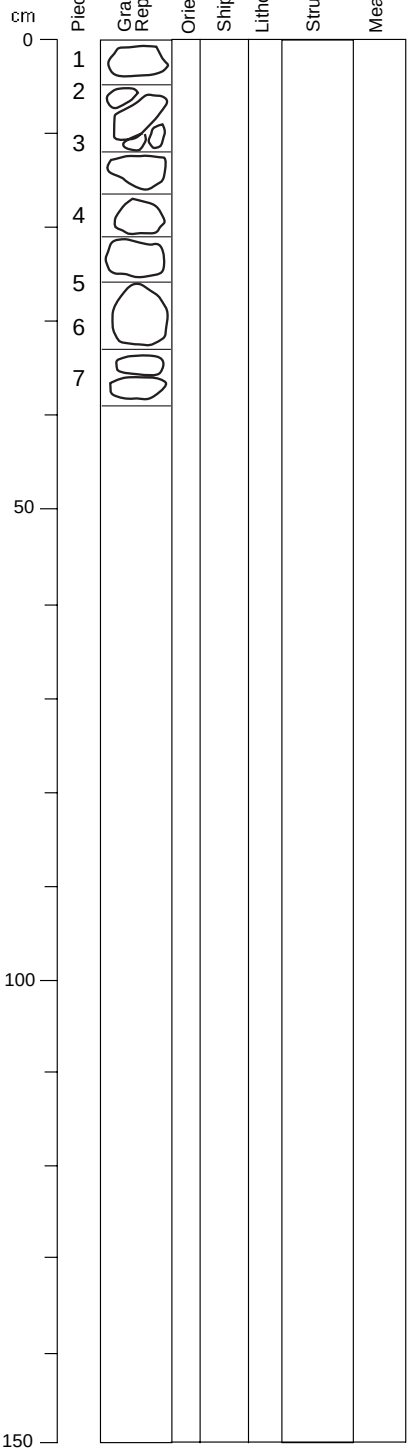
11. subangular feldspar-phyric basalt, 7 cm

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

178-1103A-19R-1



1. well rounded granite with small amount of adhering silty mud matrix, 6.5 cm
2. subrounded and subangular volcanics and volcaniclastics, 1-6 cm
3. subrounded dark gray volcanic, 5 cm
4. subangular dark green volcanic, 4.5 cm
5. well rounded diorite with granitic vein, 6.5 cm

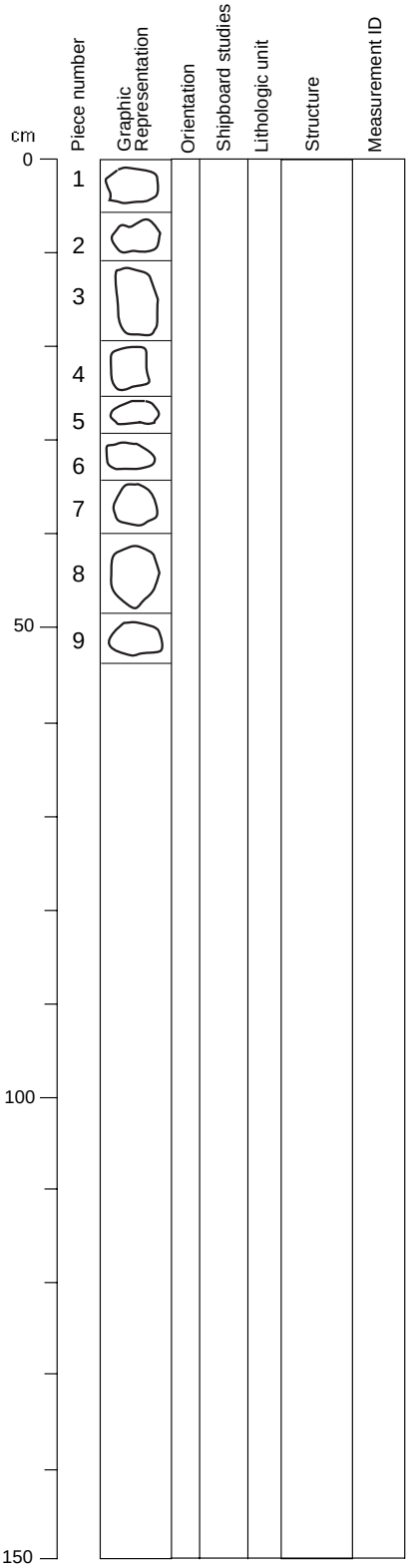
6,7. angular to subrounded, dark green bedded tuff(?), part of large piece at least 10 cm long

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

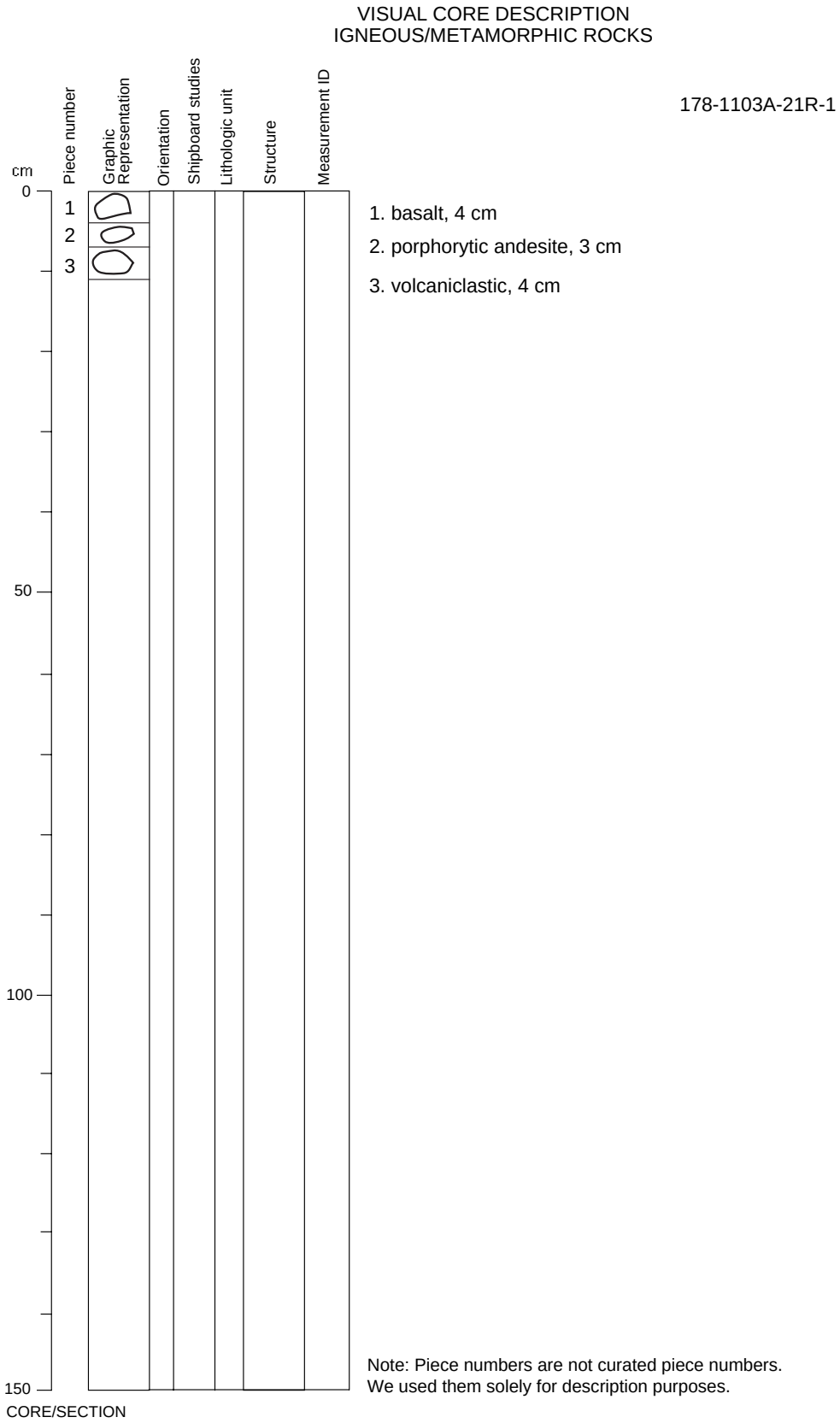
178-1103A-20R-1



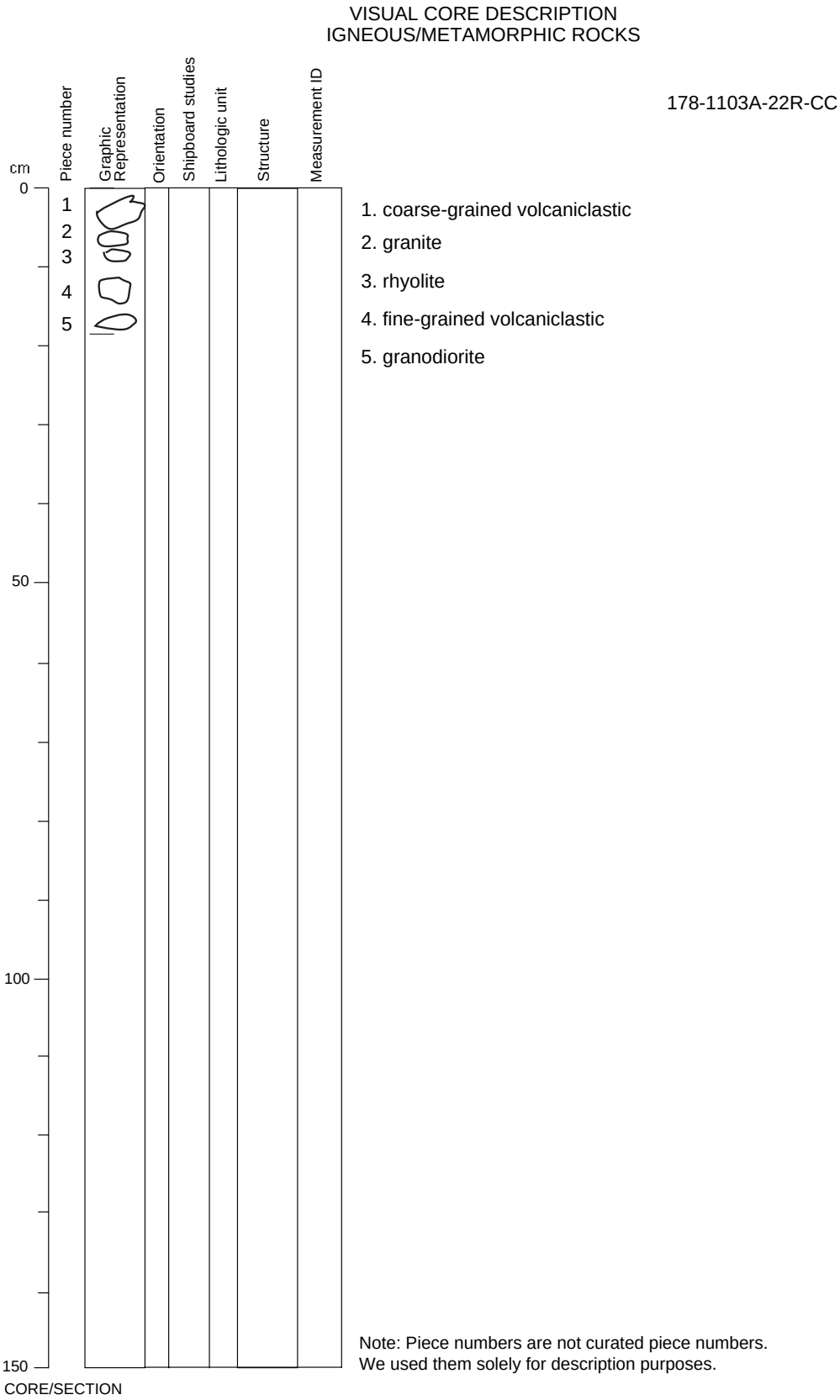
1.volcanic, 4.5 cm
2. volcaniclastic, 3.5 cm
3. volcanic breccia, 6 cm
4. plutonic igneous, 5.5 cm
5. volcanic, 5 cm
6. basalt, 5 cm
7. volcaniclastic, 5 cm
8. granite, 7 cm
9. volcaniclastic, 6 cm

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

Core Image


VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS
178-1103A-21R-1
Piece number
Graphic Representation
Orientation
Shipboard studies
Lithologic unit
Structure
Measurement ID
cm
0
50
100
150
1
2
3
1. basalt, 4 cm
2. porphorytic andesite, 3 cm
3. volcaniclastic, 4 cm
Note: Piece numbers are not curated piece numbers.
We used them solely for description purposes.
CORE/SECTION

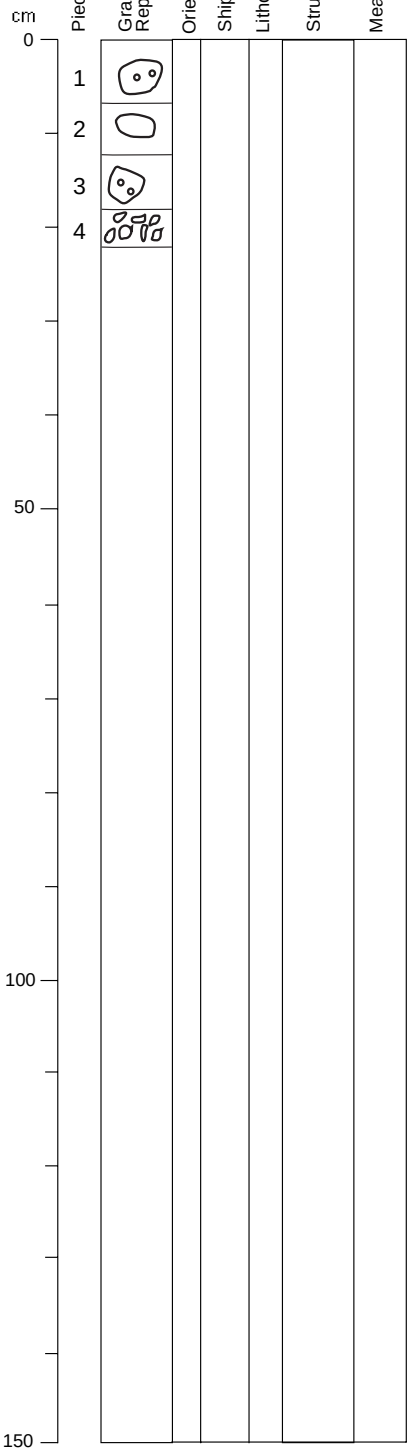
Core Image


VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS
178-1103A-22R-CC
Piece number
Graphic Representation
Orientation
Shipboard studies
Lithologic unit
Structure
Measurement ID
cm
0
50
100
150
1
2
3
4
5
1. coarse-grained volcaniclastic
2. granite
3. rhyolite
4. fine-grained volcaniclastic
5. granodiorite
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

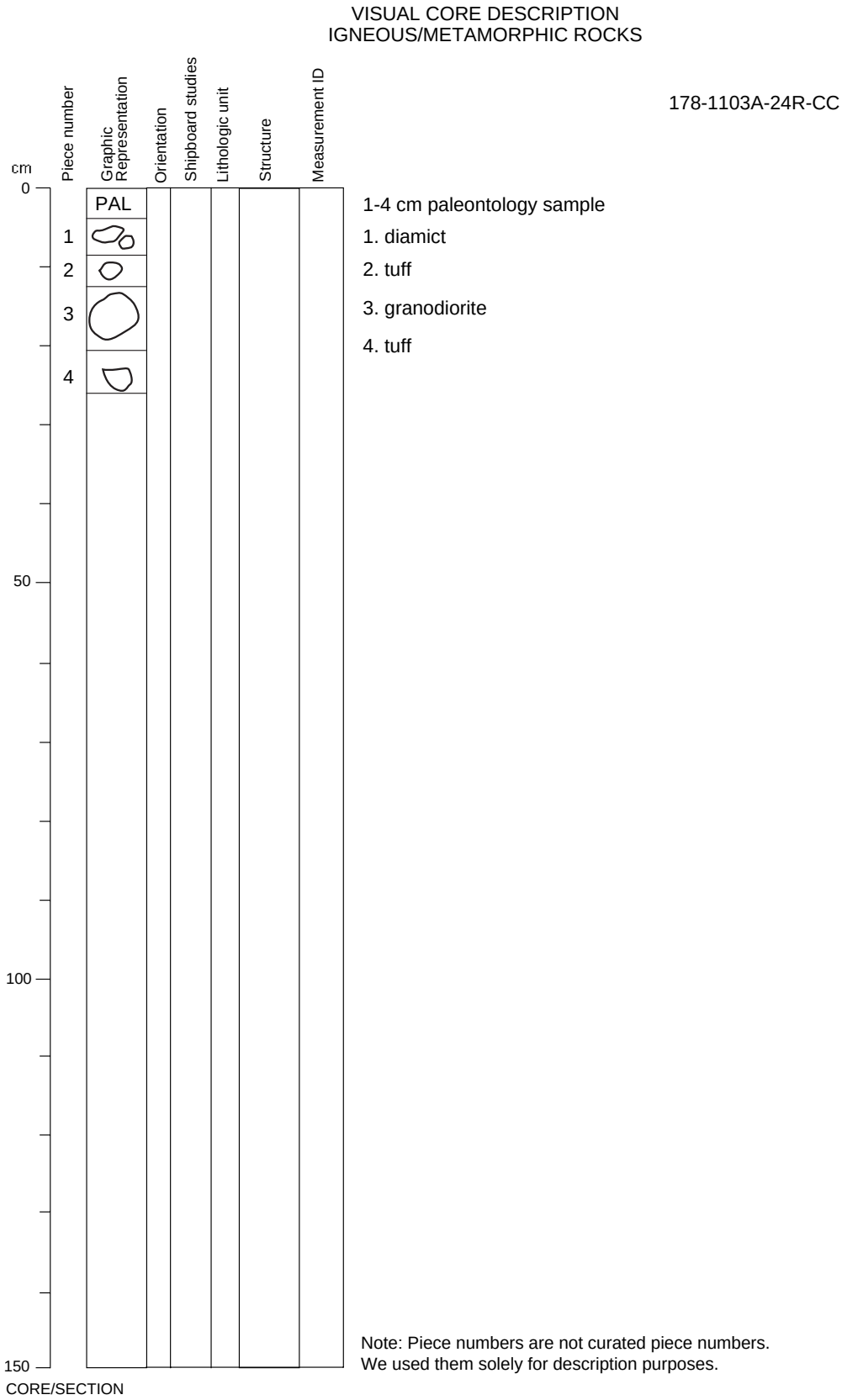
178-1103A-23R-CC



1. diamict
2. granite
3. diamict
4. pebbles, various rock types

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

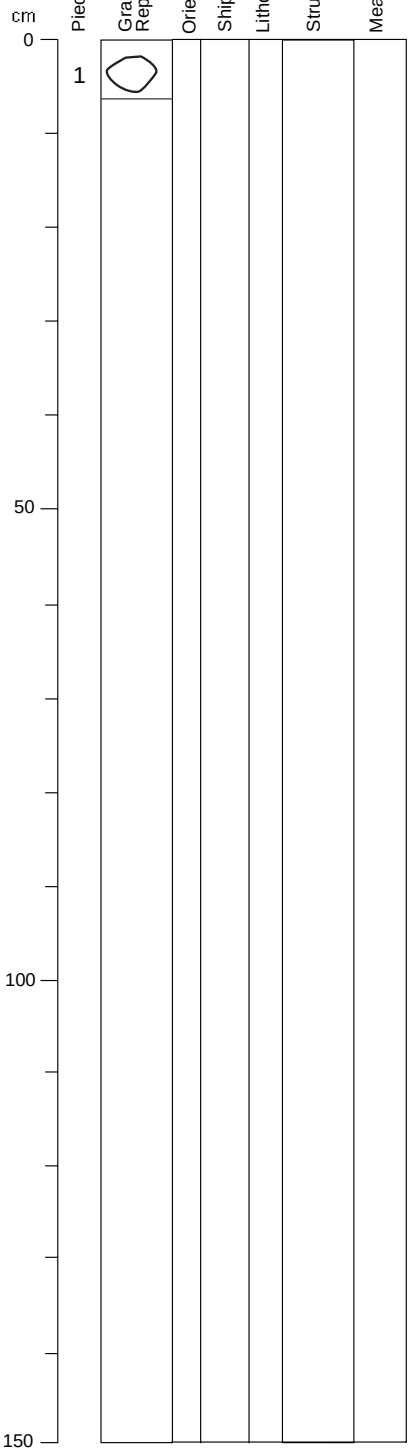
Core Image


VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS
178-1103A-24R-CC
Piece number
Graphic Representation
Orientation
Shipboard studies
Lithologic unit
Structure
Measurement ID
cm
0
50
100
150
PAL
1
2
3
4
1-4 cm paleontology sample
1. diamict
2. tuff
3. granodiorite
4. tuff
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

178-1103A-25R-CC



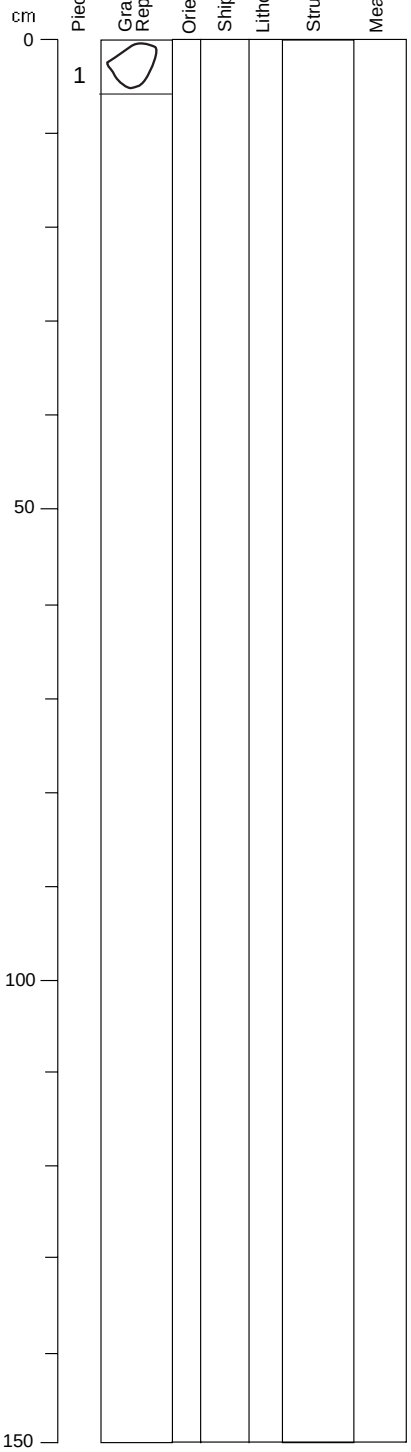
1. tuff

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

Core Image

VISUAL CORE DESCRIPTION
IGNEOUS/METAMORPHIC ROCKS

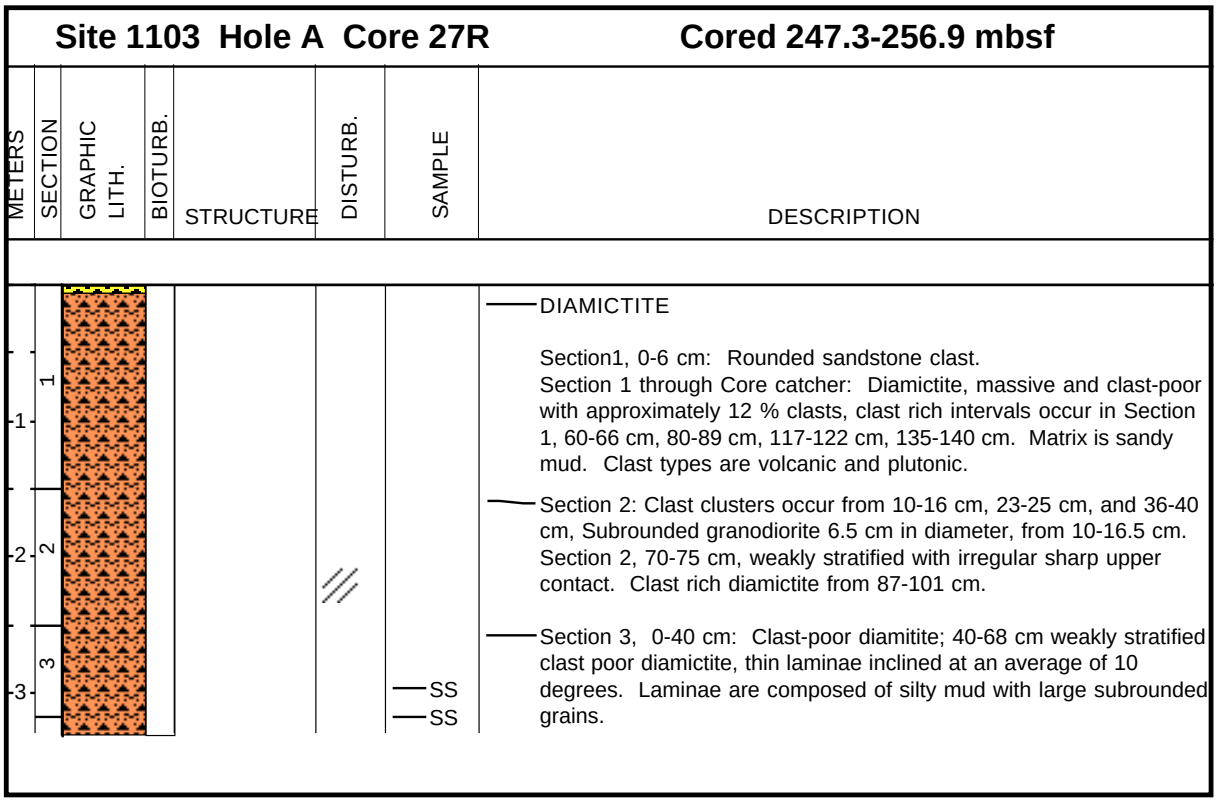
178-1103A-26R-CC



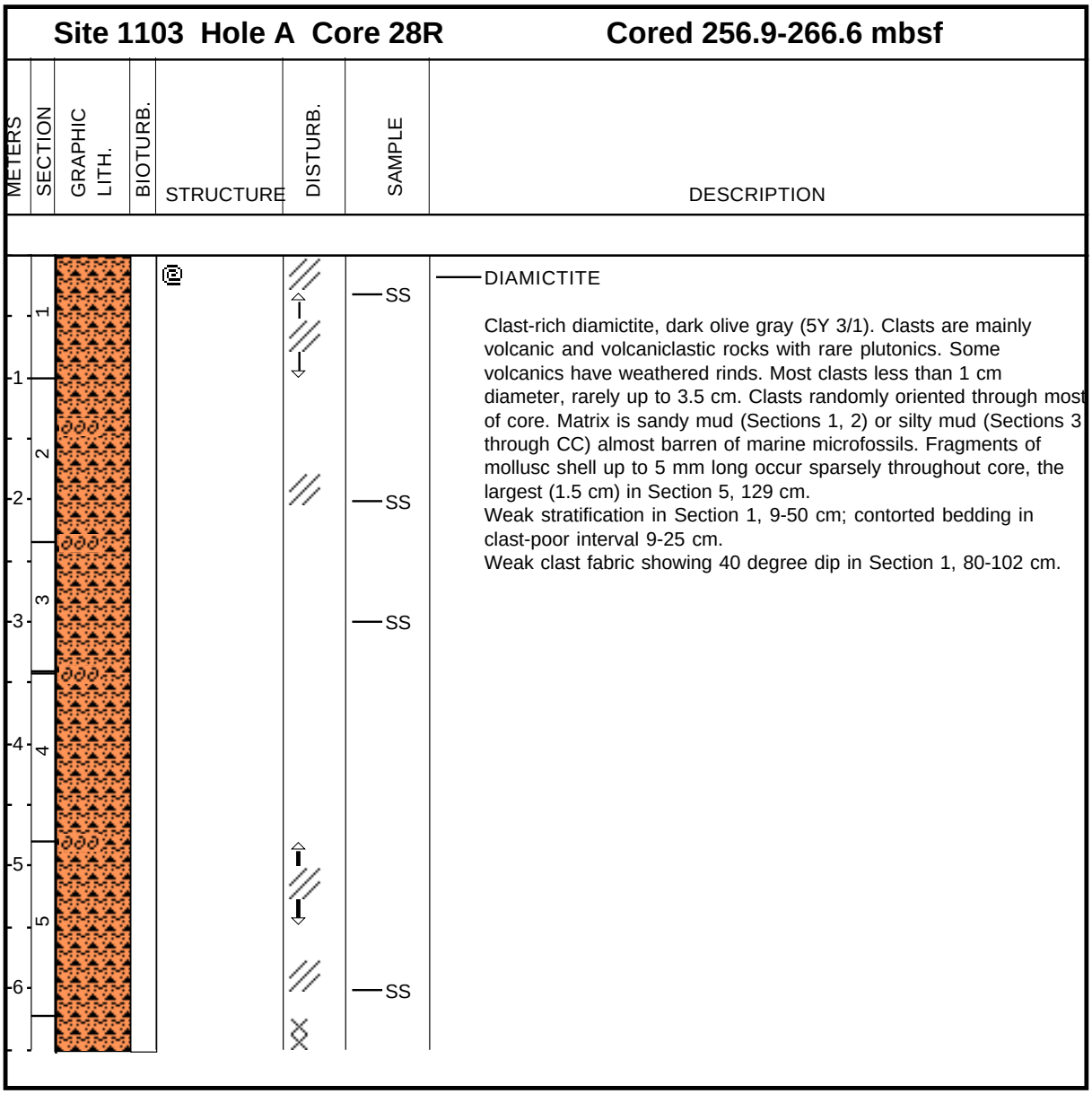
1. tuff

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

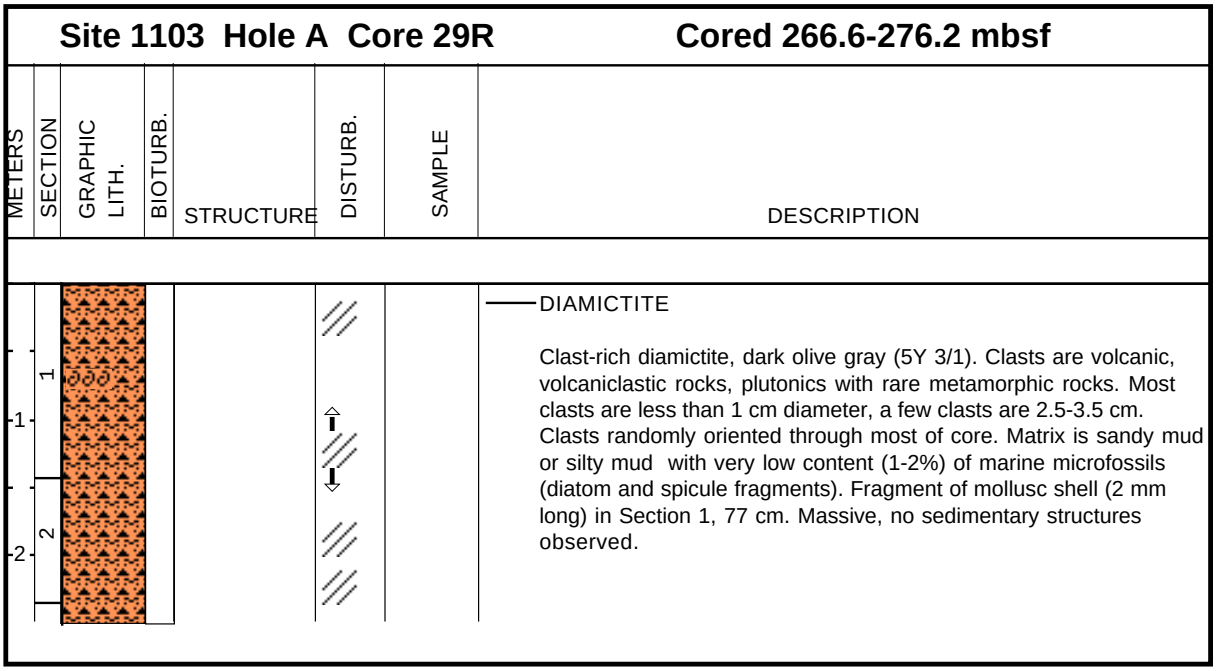
Core Image


Site 1103 Hole A Core 27R
Cored 247.3-256.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
2
3
SS
SS
DIAMICTITE
Section1, 0-6 cm: Rounded sandstone clast.
Section 1 through Core catcher: Diamictite, massive and clast-poor with approximately 12 % clasts, clast rich intervals occur in Section 1, 60-66 cm, 80-89 cm, 117-122 cm, 135-140 cm. Matrix is sandy mud. Clast types are volcanic and plutonic.
Section 2: Clast clusters occur from 10-16 cm, 23-25 cm, and 36-40 cm, Subrounded granodiorite 6.5 cm in diameter, from 10-16.5 cm. Section 2, 70-75 cm, weakly stratified with irregular sharp upper contact. Clast rich diamictite from 87-101 cm.
Section 3, 0-40 cm: Clast-poor diamitite; 40-68 cm weakly stratified clast poor diamictite, thin laminae inclined at an average of 10 degrees. Laminae are composed of silty mud with large subrounded grains.

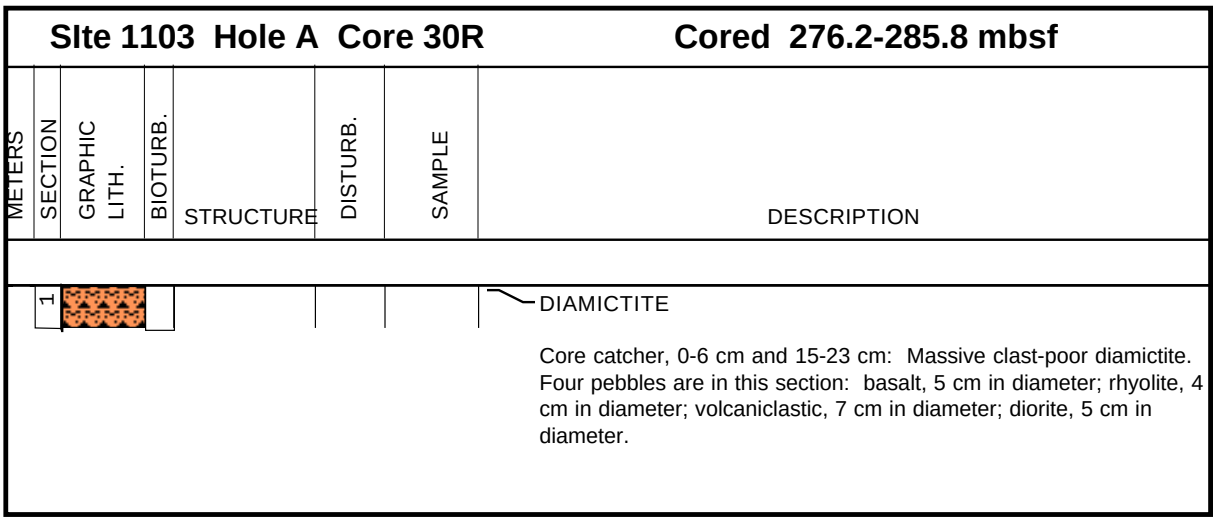
Core Image


Site 1103 Hole A Core 28R
Cored 256.9-266.6 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
2
3
4
5
6
SS
SS
SS
SS
DIAMICTITE
Clast-rich diamictite, dark olive gray (5Y 3/1). Clasts are mainly volcanic and volcaniclastic rocks with rare plutonics. Some volcanics have weathered rinds. Most clasts less than 1 cm diameter, rarely up to 3.5 cm. Clasts randomly oriented through most of core. Matrix is sandy mud (Sections 1, 2) or silty mud (Sections 3 through CC) almost barren of marine microfossils. Fragments of mollusc shell up to 5 mm long occur sparsely throughout core, the largest (1.5 cm) in Section 5, 129 cm.
Weak stratification in Section 1, 9-50 cm; contorted bedding in clast-poor interval 9-25 cm.
Weak clast fabric showing 40 degree dip in Section 1, 80-102 cm.

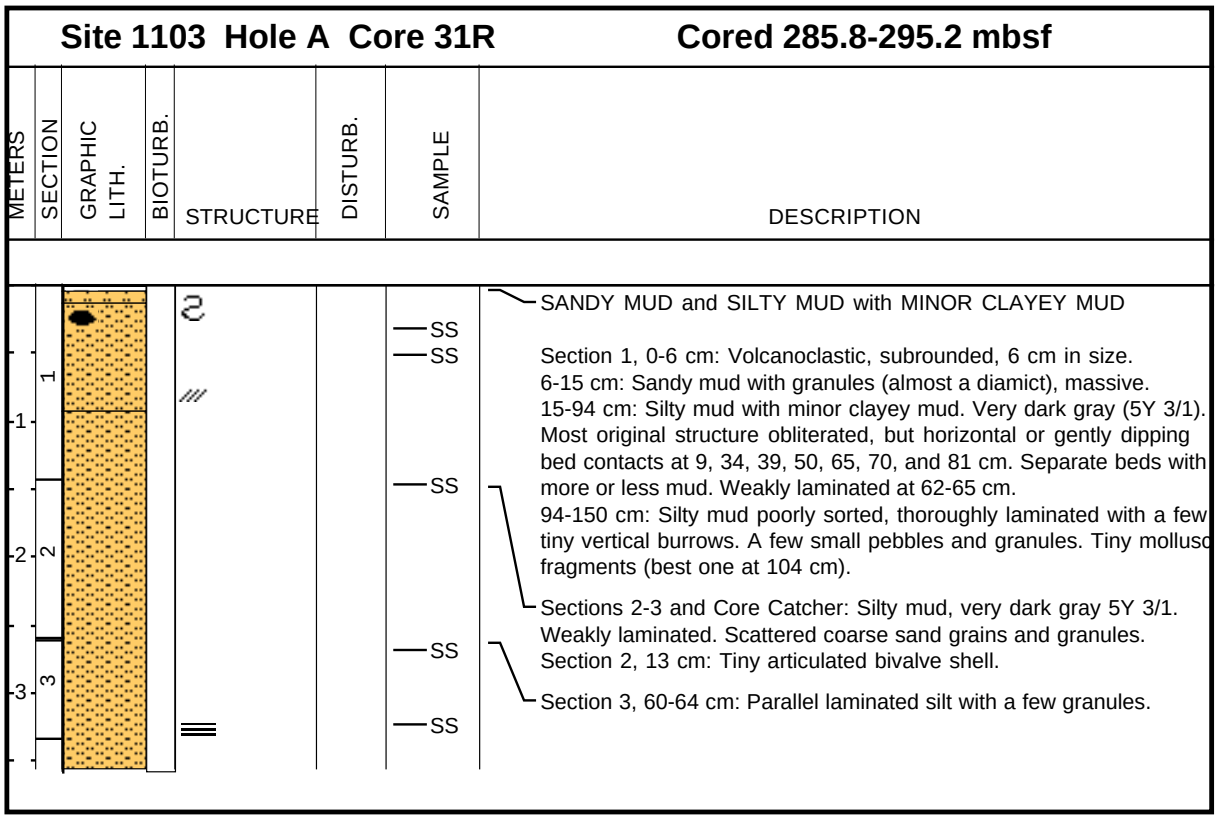
Core Image


Site 1103 Hole A Core 29R
Cored 266.6-276.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
2
-1
-2
DIAMICTITE
Clast-rich diamictite, dark olive gray (5Y 3/1). Clasts are volcanic, volcaniclastic rocks, plutonics with rare metamorphic rocks. Most clasts are less than 1 cm diameter, a few clasts are 2.5-3.5 cm. Clasts randomly oriented through most of core. Matrix is sandy mud or silty mud with very low content (1-2%) of marine microfossils (diatom and spicule fragments). Fragment of mollusc shell (2 mm long) in Section 1, 77 cm. Massive, no sedimentary structures observed.

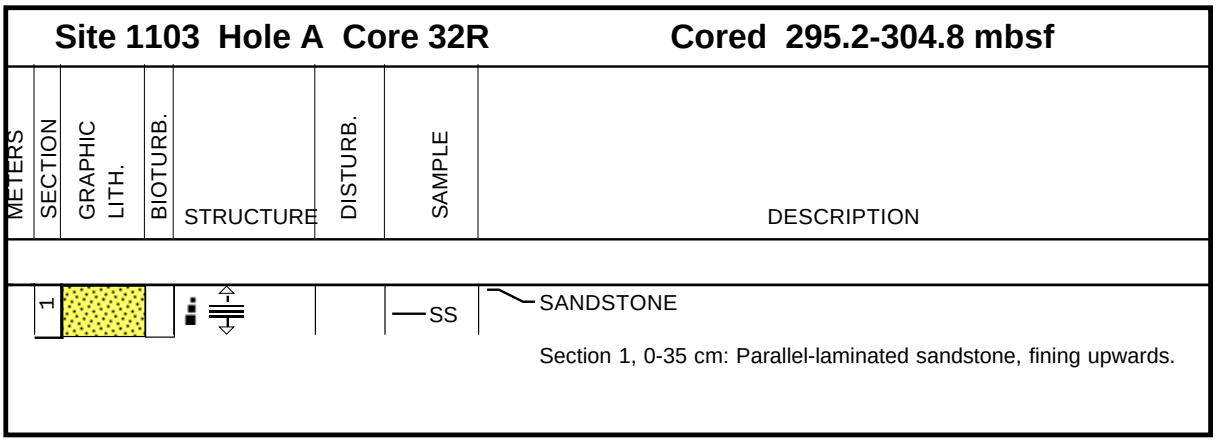
Core Image


Site 1103 Hole A Core 30R Cored 276.2-285.8 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
DIAMICTITE
Core catcher, 0-6 cm and 15-23 cm: Massive clast-poor diamictite. Four pebbles are in this section: basalt, 5 cm in diameter; rhyolite, 4 cm in diameter; volcaniclastic, 7 cm in diameter; diorite, 5 cm in diameter.

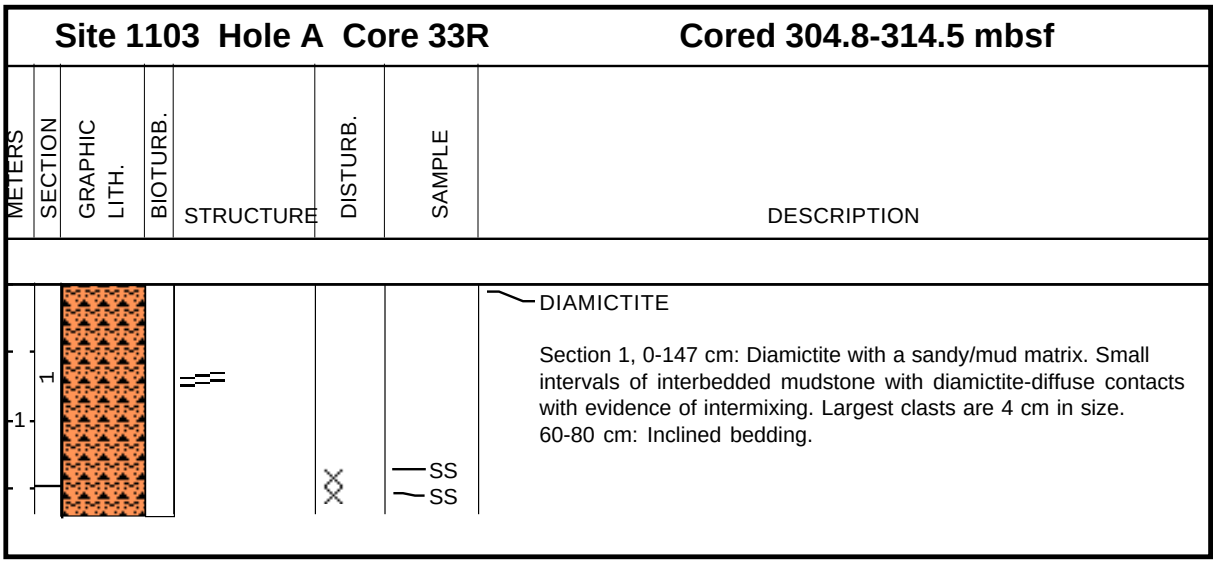
Core Image


Site 1103 Hole A Core 31R
Cored 285.8-295.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SS
SS
SS
SS
SANDY MUD and SILTY MUD with MINOR CLAYEY MUD
Section 1, 0-6 cm: Volcanoclastic, subrounded, 6 cm in size.
6-15 cm: Sandy mud with granules (almost a diamict), massive.
15-94 cm: Silty mud with minor clayey mud. Very dark gray (5Y 3/1). Most original structure obliterated, but horizontal or gently dipping bed contacts at 9, 34, 39, 50, 65, 70, and 81 cm. Separate beds with more or less mud. Weakly laminated at 62-65 cm.
94-150 cm: Silty mud poorly sorted, thoroughly laminated with a few tiny vertical burrows. A few small pebbles and granules. Tiny mollusc fragments (best one at 104 cm).
Sections 2-3 and Core Catcher: Silty mud, very dark gray 5Y 3/1. Weakly laminated. Scattered coarse sand grains and granules.
Section 2, 13 cm: Tiny articulated bivalve shell.
Section 3, 60-64 cm: Parallel laminated silt with a few granules.

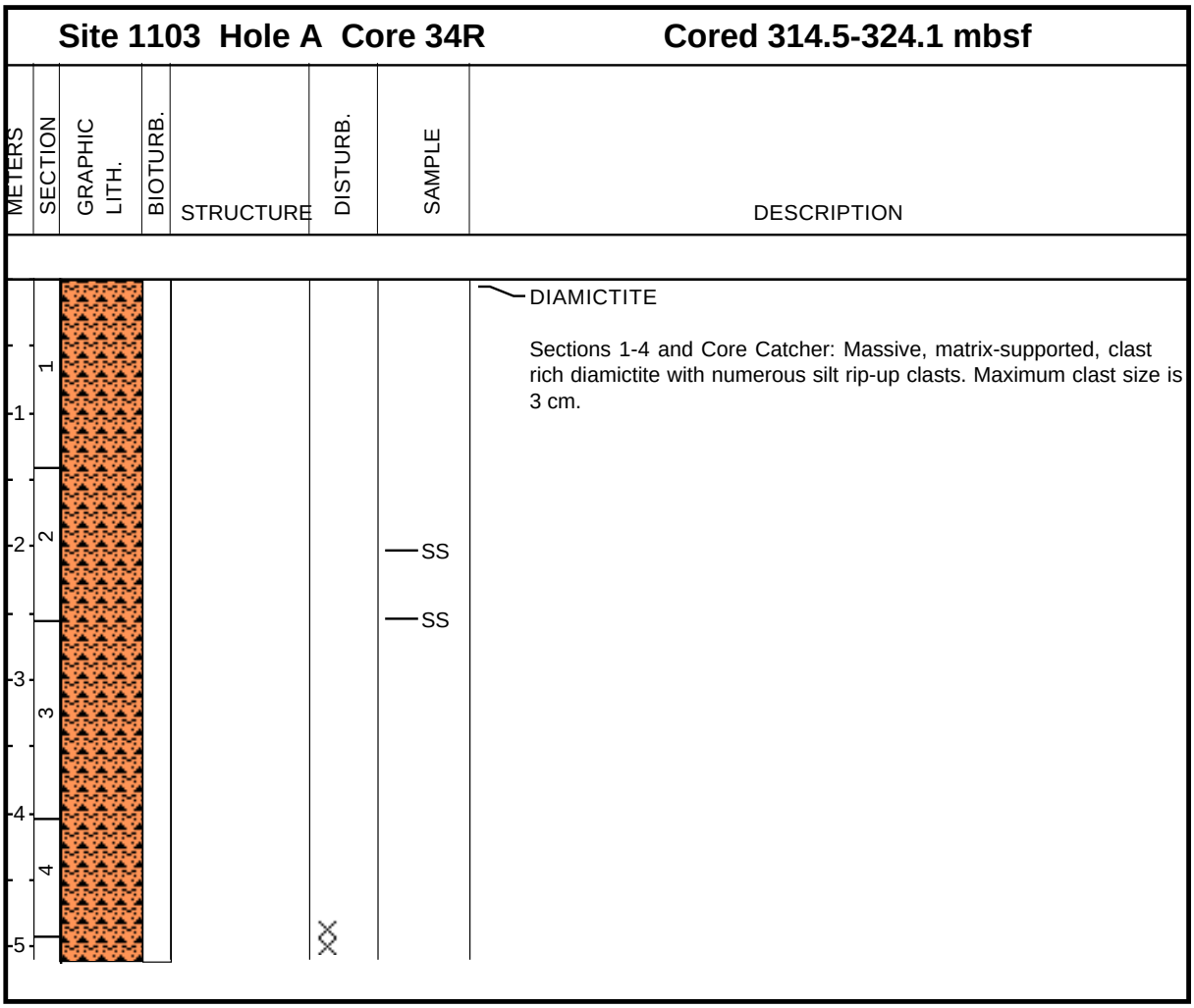
Core Image


Site 1103 Hole A Core 32R
Cored 295.2-304.8 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
SS
SANDSTONE
Section 1, 0-35 cm: Parallel-laminated sandstone, fining upwards.

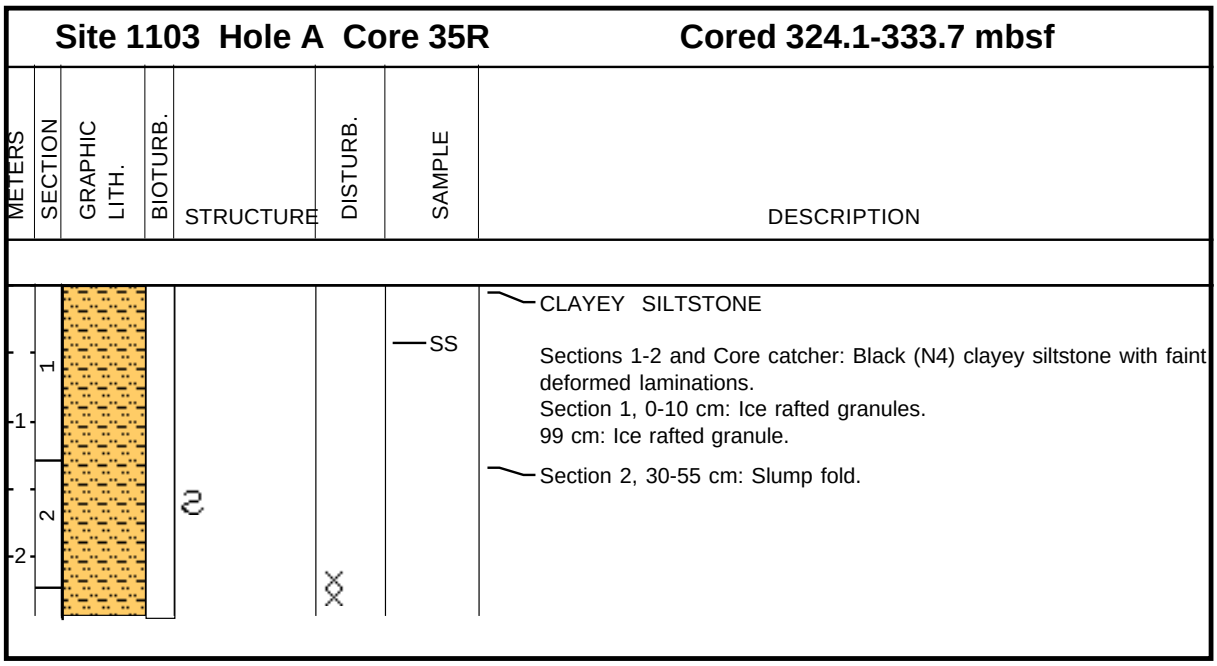
Core Image


Site 1103 Hole A Core 33R
Cored 304.8-314.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
1
SS
SS
DIAMICTITE
Section 1, 0-147 cm: Diamictite with a sandy/mud matrix. Small intervals of interbedded mudstone with diamictite-diffuse contacts with evidence of intermixing. Largest clasts are 4 cm in size.
60-80 cm: Inclined bedding.

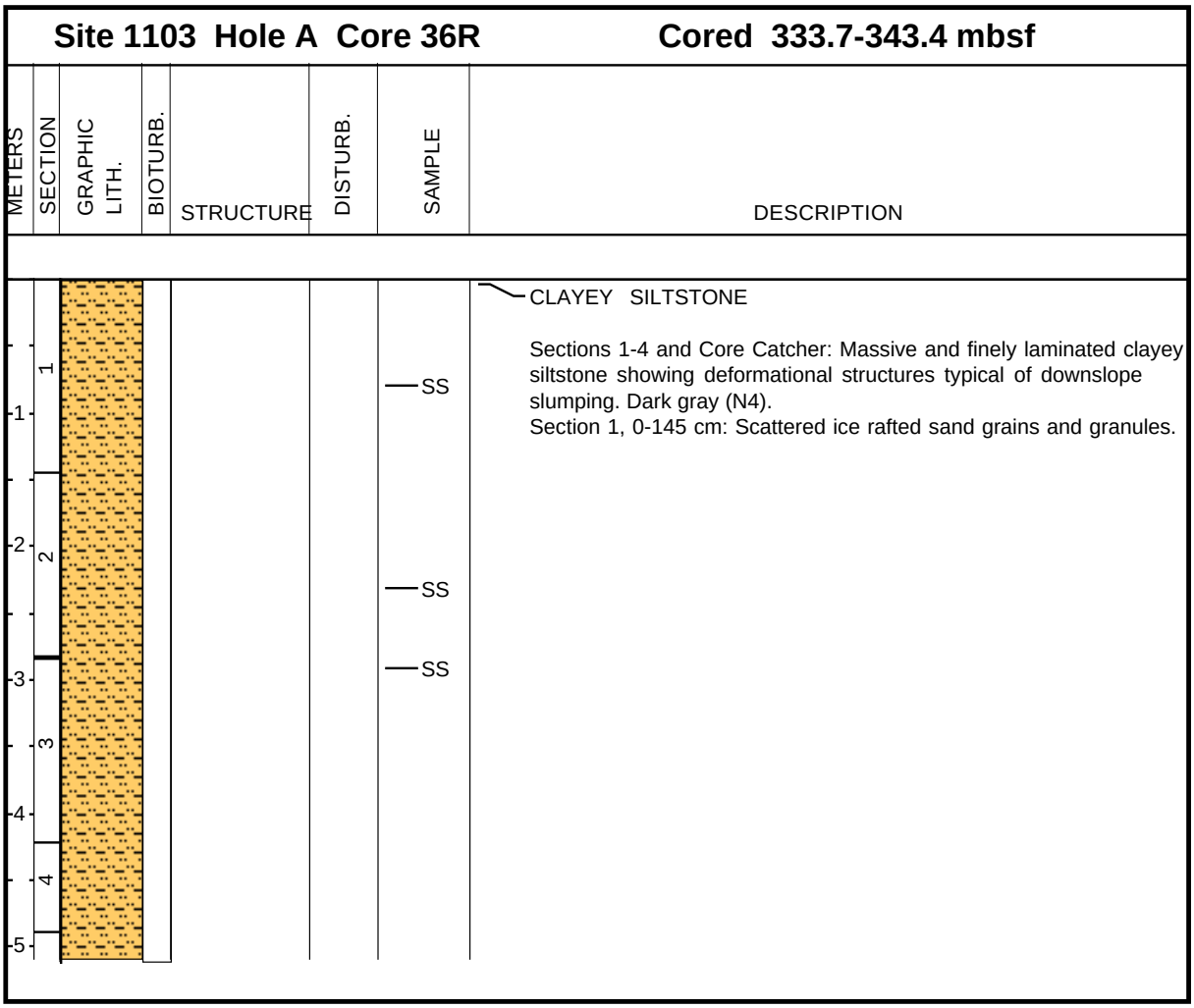
Core Image


Site 1103 Hole A Core 34R
Cored 314.5-324.1 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
DIAMICTITE
Sections 1-4 and Core Catcher: Massive, matrix-supported, clast rich diamictite with numerous silt rip-up clasts. Maximum clast size is 3 cm.
SS
SS
1
2
3
4
0
1
2
3
4
5

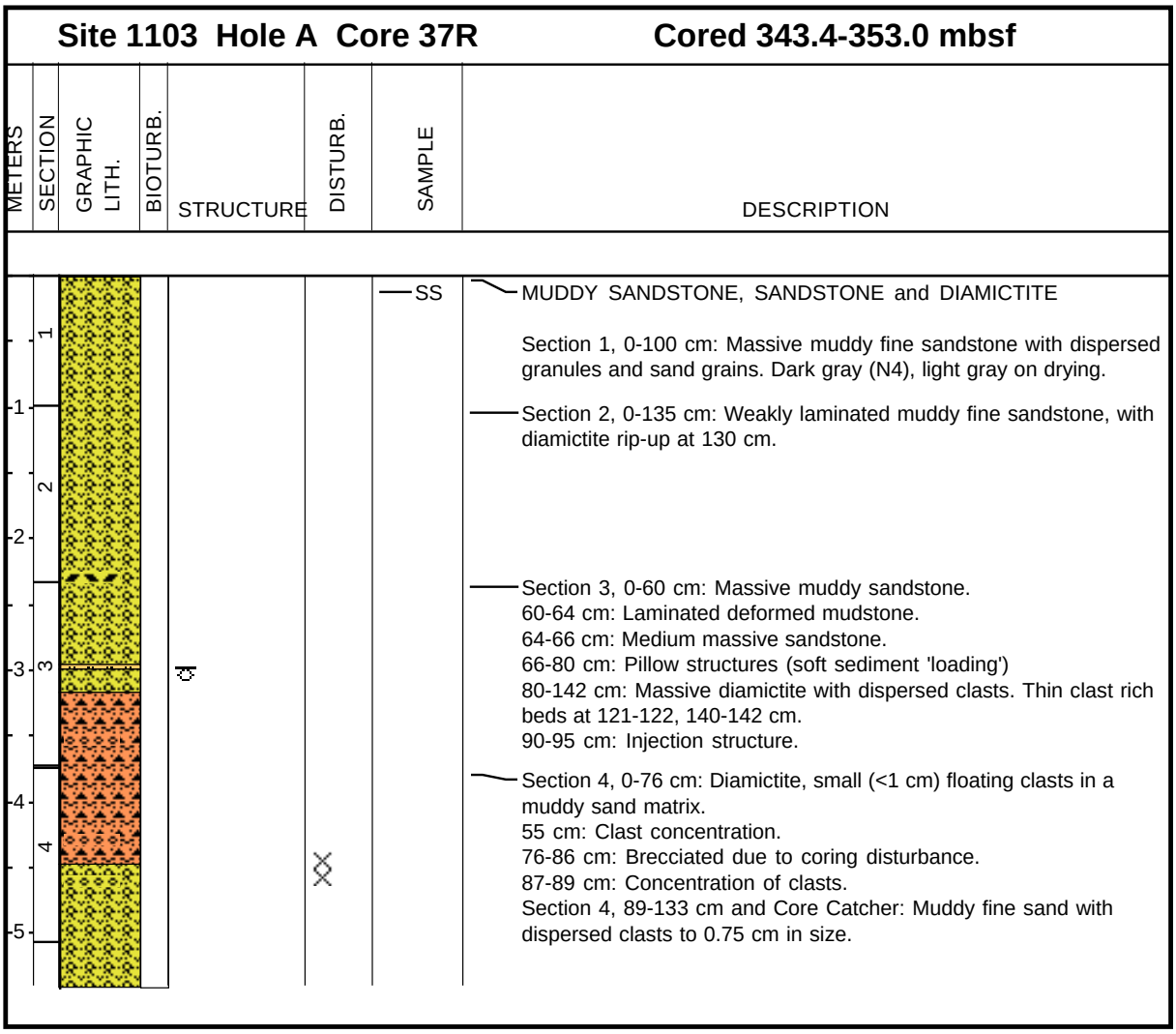
Core Image


Site 1103 Hole A Core 35R
Cored 324.1-333.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
2
1
2
SS
CLAYEY SILTSTONE
Sections 1-2 and Core catcher: Black (N4) clayey siltstone with faint deformed laminations.
Section 1, 0-10 cm: Ice rafted granules.
99 cm: Ice rafted granule.
Section 2, 30-55 cm: Slump fold.

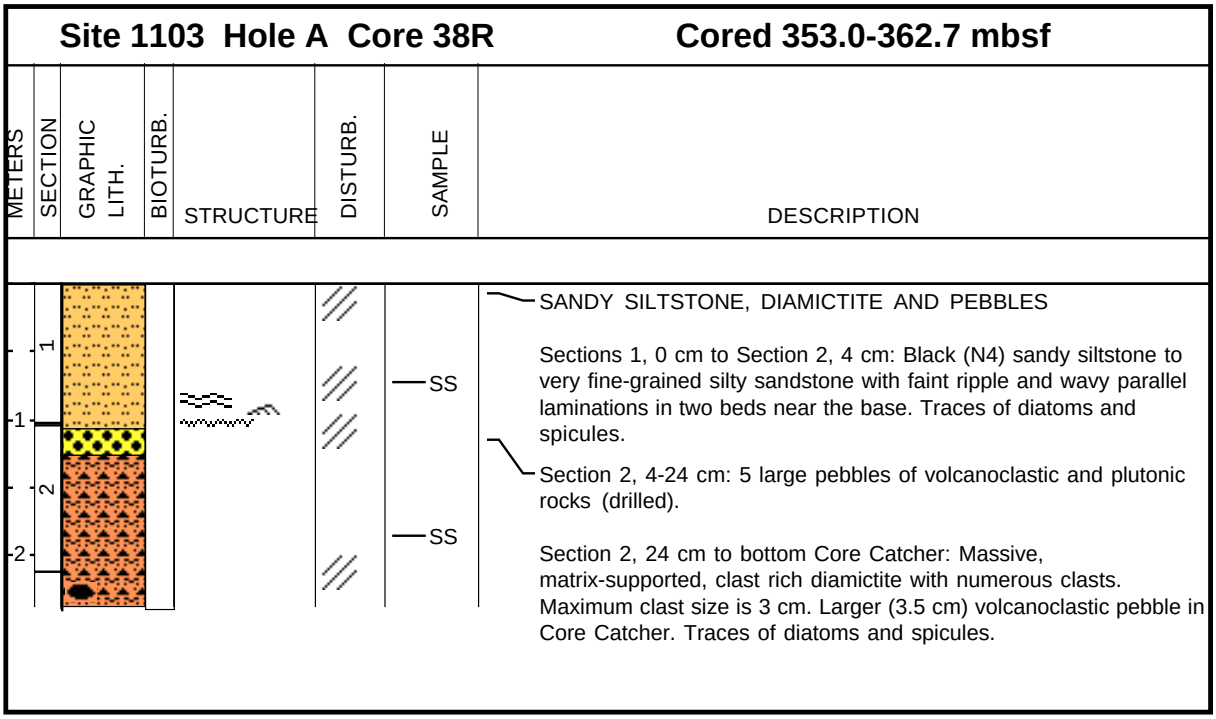
Core Image


Site 1103 Hole A Core 36R
Cored 333.7-343.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
CLAYEY SILTSTONE
Sections 1-4 and Core Catcher: Massive and finely laminated clayey siltstone showing deformational structures typical of downslope slumping. Dark gray (N4).
Section 1, 0-145 cm: Scattered ice rafted sand grains and granules.
SS
SS
SS
1
2
3
4
5

Core Image


Site 1103 Hole A Core 37R
Cored 343.4-353.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
MUDDY SANDSTONE, SANDSTONE and DIAMICTITE
Section 1, 0-100 cm: Massive muddy fine sandstone with dispersed granules and sand grains. Dark gray (N4), light gray on drying.
Section 2, 0-135 cm: Weakly laminated muddy fine sandstone, with diamictite rip-up at 130 cm.
Section 3, 0-60 cm: Massive muddy sandstone.
60-64 cm: Laminated deformed mudstone.
64-66 cm: Medium massive sandstone.
66-80 cm: Pillow structures (soft sediment 'loading')
80-142 cm: Massive diamictite with dispersed clasts. Thin clast rich beds at 121-122, 140-142 cm.
90-95 cm: Injection structure.
Section 4, 0-76 cm: Diamictite, small (<1 cm) floating clasts in a muddy sand matrix.
55 cm: Clast concentration.
76-86 cm: Brecciated due to coring disturbance.
87-89 cm: Concentration of clasts.
Section 4, 89-133 cm and Core Catcher: Muddy fine sand with dispersed clasts to 0.75 cm in size.

Core Image


Site 1103 Hole A Core 38R
Cored 353.0-362.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
2
1
2
SS
SS
SANDY SILTSTONE, DIAMICTITE AND PEBBLES
Sections 1, 0 cm to Section 2, 4 cm: Black (N4) sandy siltstone to very fine-grained silty sandstone with faint ripple and wavy parallel laminations in two beds near the base. Traces of diatoms and spicules.
Section 2, 4-24 cm: 5 large pebbles of volcanoclastic and plutonic rocks (drilled).
Section 2, 24 cm to bottom Core Catcher: Massive, matrix-supported, clast rich diamictite with numerous clasts. Maximum clast size is 3 cm. Larger (3.5 cm) volcanoclastic pebble in Core Catcher. Traces of diatoms and spicules.

													Size					Composition - Siliciclastic																Composition - Biogenic											
	Note: 0.5 equal to tr.																																											
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Depth (mcd)	Described by	Major lithology (1)	Minor lithology (2)	Sand	Silt	sum (sand+silt)	Clay	sum (sand+silt+clay)	Quartz	Feldspar	Clay (too fine to identify)	Mica	Glauconite	Rock Fragments	Volcanic Glass	Acc. Minerals	Carbonate	Opaque	Framboids/micronodules	Other	Terrigenous (tot silcc!.-clay coutns)	Total clay + siliciclastic	Nannofossils	Foraminifers	Diatoms	Radiolarians	Coccolith	Silicoflagellates	Sponge Spicules	Shell debris	unidentified/other	Total Biogenic	Sediment or Rock Name
178	1103	A	9	R	CC	14	74.54		cjp	1		10	60	70	30	100	36.0	10.0	30.0			20.0		1.0	0.5	1.0			68	98		0.5	2.0							2	silty mud
178	1103	A	10	R	1	22	84.22		cjp	1		20	60	80	20	100	37.0	20.0	20.0			20.0		1.0		1.0			79	99		0.5	1.0				0.5			1	silty mud
178	1103	A	11	R	CC	6	93.76		cjp	1		10	60	70	30	100	37.0	10.0	30.0	1.0		10.0		1.0		1.0			60	90		0.5	10.0							10	diatom bearing silty mud
178	1103	A	13	R	1	23	113.23		cjp	1		10	40	50	50	100	35.0	8.0	50.0			10.0		1.0		1.0			45	95		0.5	5.0		0.5					5	clayey mud
178	1103	A	14	R	1	19	122.79		cjp	1		5	40	45	55	100	27.0	5.0	55.0	0.5		10.0		0.5		1.0			43	98		2.0	0.5		0.5					2	silty mud
178	1103	A	15	R	CC	1	132.21		cjp	1		5	40	45	55	100	25.0	4.0	55.0			5.0		2.0		2.0			38	93		2.0	5.0		0.5		0.5			7	silty clay
178	1103	A	16	R	1	1	141.81		cjp	1		10	50	60	40	100	35.0	9.0	40.0	0.5		10.0		1.0		2.0			57	97		1.0	2.0		0.5		0.5			3	silty mud
178	1103	A	17	R	1	34	151.74		cjp	1		20	50	70	30	100	35.0	10.0	30.0			10.0		2.0		2.0			69	99		0.5	1.0				0.5			1	silty mud
178	1103	A	18	R	1	13	161.23		cjp	1		10	50	60	40	100	35.0	8.0	40.0	0.5		10.0	0.5	3.0		1.0			57	97		1.0	2.0		0.5					3	silty mud
178	1103	A	19	R	1	2	170.72		cjp	1		20	50	70	30	100	41.0	10.0	30.0			15.0		1.0		1.0			68	98		0.5	2.0		0.5					2	silty mud
178	1103	A	28	R	1	30	257.20		cjp	1		60	30	90	10	100	37.0	10.0	5.0			30.0		5.0		10.0			92	97		0.5	0.5					3.0		3	sandy mud
178	1103	A	28	R	2	100	258.90		cjp		2	65	25	90	10	100	30.0	10.0	9.0			40.0	0.5	5.0		5.0			90	99			0.5				0.5		1.0	1	sandy mud
178	1103	A	28	R	3	63	259.88		cjp	1		30	50	80	20	100	30.0	10.0	20.0			35.0		3.0		2.0			80	100			0.5							0	silty mud
178	1103	A	28	R	5	120	262.90		cjp	1		40	50	90	10	100	30.0	12.0	10.0			40.0	0.5	5.0		3.0			90	100			0.5							0	silty mud
178	1103	A	29	R	1	77	267.37		am	1		10	70	80	20	100	40.0	10.0	15.0			20.0			7.0			5.0	82	97			1.0				1.0		1.0	3	muddy silt
178	1103	A	29	R	2	30	268.33		am	1		15	75	90	10	100	52.0	7.0	10.0			10.0						13.0	89	99			1.0							1	muddy silt
178	1103	A	31	R	1	30	286.10		cjp	1		10	40	50	50	100	25.0	5.0	50.0			12.0		2.0		1.0			45	95			5.0				0.5			5	clayey mud
178	1103	A	31	R	1	50	286.30		cjp	1		10	70	80	20	100	40.0	10.0	20.0			18.0	5.0	2.0		2.0			77	97			3.0				0.5			3	silty mud
178	1103	A	31	R	2	1	287.24		cjp	1		30	40	70	30	100	40.0	8.0	30.0			10.0	5.0	2.0		2.0			67	97			3.0							3	silty mud
178	1103	A	31	R	3	7	288.47		cjp	1		40	30	70	30	100	30.0	10.0	30.0			14.0	10.0	2.0		2.0			68	98			2.0							2	sandy mud
178	1103	A	31	R	3	62	289.02		cjp	1		20	60	80	20	100	40.0	10.0	20.0	0.5		20.0	5.0	2.0		1.0			78	98			2.0							2	silty mud
178	1103	A	32	R	1	20	295.40		wlf	1		8	59	67	33	100	10.0	15.0	10.0			15.0			60.0				90	100										0	silty mud
178	1103	A	33	R	1	133	306.13		wlf	1		3	50	53	47	100	12.0	4.0	67.0	1.0		10.0						5.0	30	97			2.0				1.0			3	silty clay
178	1103	A	33	R	CC	4	306.32		wlf		2	5	70	75	25	100	2.0	1.0	14.0			3.0			80.0				82	96			2.0				2.0			4	silty clay
178	1103	A	34	R	2	60	316.51		wlf	1		30	25	55	45	100	19.0	5.0	32.0	2.0		20.0	2.0	1.0	10.0			5.0	64	96			2.0				2.0			4	clayey mud
178	1103	A	34	R	2	112	317.03		wlf		2	20	40	60	40	100	15.0	15.0	28.0			25.0		2.0		4.0		5.0	67	95			3.0				2.0			5	silty mud
178	1103	A	35	R	1	40	324.50		wlf	1		15	60	75	25	100	10.0	15.0	16.0	5.0		30.0	4.0	2.0		5.0		10.0	81	97			2.0				1.0		0.5	3	silty mud
178	1103	A	36	R	1	78	334.48		wlf		2	2	40	42	58	100	10.0	5.0	62.0	3.0		8.0		1.0		3.0		5.0	35	97			2.0				1.0			3	silty clay
178	1103	A	36	R	2	86	336.00		wlf	1		10	50	60	40	100	15.0	15.0	10.0	5.0		25.0	5.0			8.0		5.0	88	98			1.0				1.0		0.5	2	clayey silt
178	1103	A	36	R	3	6	336.59		wlf		2	25	60	85	15	100	12.0	12.0	0.0	5.0		15.0	2.0	3.0	30.0	10.0		5.0	94	94			2.0				1.0		3.0	6	silty mud
178	1103	A	37	R	1	10	343.50		wlf	1		18	52	70	30	100	10.0	13.0	5.0	5.0		35.0	4.0	2.0		7.0		10.0	89	94			2.0				1.0		3.0	6	silty mud
178	1103	A	38	R	1	70	353.70		am	1		30	70	100	0	100	65.0	15.0	0.0			10.0						9.0	99	99			0.5				0.5			0	silty mud
178	1103	A	38	R	2	80	354.83		am	1		20	70	90	10	100	60.0	15.0	0.0			15.0						8.0	98	98			1.0				1.0			2	silty mud

Leg	Site	Hole	Core	Type	Sect	Top	Bot	Sediment/rock name	Observer	Type of slide	Dominant lithology	Minor lithology	Sand	Silt	Clay	Comments	Quartz	Feld-spar	Mica	Glauco-nite	Clay	Rock (sedi-mentary)	IG frag	Opaques	Fe Oxide	Carbon-ate	Other	Mineral subtotal	Forams	Diatoms	Rads	Nannos (general)	Bioclast	Shell deb	Spicules	Organic deb	Other	Bio sub-total
178	1103	A	34	R	1	122	124	Diamict	Evans	TS	Diamict/ clayey mud	Clays with few sands	25	20	55	10% massive clay	20	7	2	1	50	7	5	5		1	2	99		70					30			1
178	1103	A	34	R	1	107	109	Diamict	Evans	TS	Diamict/ silty clay	N/A	10	25	65	Zero bio but slide too thick for proper assessment	10	8	1	0	64	6	6	5				100										
178	1103	A	28	R	1	85	89	Diamict	Evans	TS	Diamict/ sandy mud	N/A	40	30	30	Zero bio but slide too thick for proper assessment	45	5	5		35		5	5													
178	1103	A	27	R	2	27	31	Diamict	Daniels	TS	Diamict/ silty mud	N/A	15	45	30		20	15	2		38	15		5	5												
178	1103	A	27	R	2	27	31	Diamict	Daniels	TS	Diamict/ sand-silt	N/A	35	35	30		23	20	5		30	15		5	2												