

LEG	SUB	SITE	HOLE	CORE	TYPE	SEC
169		1037B		57R		1
OBSERVER						
PA-B/BTE						

ODP  
VISUAL CORE DESCRIPTION

SEDIMENTS / SEDIMENTARY ROCKS

SECTION DESCRIPTION

PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
1					10YR 5/3
2					N6
3		SS			
4					10YR 5/3
5			Vc		
6					
7					
a↑					
8					N3
b↑					
c↑					
9					N3
10				SS	10YR 5/3

lithologies

① brown (10YR 5/3) siltstone pieces 1, 3, 4, 5, 7. Faintly parallel laminated

+ dark mineral with perfect cleavage (actinolite?)  
piece 5 has 0.5 mm veins of calcite

② brown (10YR 5/3) and white fine sandstone. Recrystallized euhedral brown biotite; zoned feldspar; pieces 6 and 10

③ piece 2 is a light gray (N6) calcite nodules; 90% calcite a bit of quartz + feldspar

All sediments - highly indurated  
~~Calcite~~

④ pieces 8a, b, c and 9 are basalt or fine diabase  
8a: fine grained, chilled margin at top  
8b: mm long white feldspar crystals, dark black grains of pyroxene of 1/2 → 1 mm, concentrated at 41-46 cm - Vein of Mg-separate between 8a & 8b.  
8c: top has ~~white~~ cream colored vesicles full of ~~zoned~~ <sub>= clay</sub> zeolites or celadonite 44-46 cm; thinning downward

⑤ piece 9 is ch. dark gray (N3) diabase, acicular phenocrysts of feldspar; chilled margin. ~~Basalt~~ Pocket of anhedral pyrite, octahedral ~~pyrite~~ possible ilmenite, amphibole, green needles of actinolite?, clear quartz, and white calcite