

IODP-MSP (Exp. 364) VISUAL SECTION UNIT DESCRIPTION

Exp.	Site	Hole	Core	Type	Section
364	77	A	113	R	1

Date	Time	Observers
1.10.16	11:50	MP, AR, LF, NT

[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Core Disturbance	CT	Description	
0									
12									
10									
20			1	Coarse-grained granit.					① Same as previous section - Coarse-grained granite. More plagioclase at the top. K-feld (3cm), plagioclase (2cm), Qtz (2-2.5cm), biotite (0.8cm). ② Diffuse contact - Pegmatitic zone crosscut by fractures, planar and irregular. ③ Coarse-grained granite with K-feld (up to 4cm), plagioclase (1.5cm), Qtz (2cm), biotite (0.5). Less biotite in the middle of unit and somewhat coarser grained.
25									
30									
40									
47			47			GN			
50						WH			
60			2	Pegmatite		GN			
67			67			GN			
70									
80						WH			
85									
90			3	Granit (coarse-grained)					
100									
110						U			
120									
121						GN			
130									
133						WH			
139									
140									
150									
160									

Granite facies, Pegmatite has no white minerals

P: 195/45 L: 135/45

P: 125/25 L: 90/20
(very rough measurement)

85-139cm several sets of sub-vertical shear faults with < 5mm cataclastic zones, grey-green fill

P: 195/22 L: 107/3