

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

Exp.	Site	Hole	Core	Type	Section
364	77	A	176	R	1

Date	Time	Observers
4.10.16	7:35	MP, AR, LF, NT

[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Core Disturbance	CT	Description
0		1	Granite				Granite facies - very few feldspars with zoning.	29cm S _{160/45} L _{147/40} - (1)
10								45cm S _{165/50} L _{145/45} - (1)
20								76-82cm - surface at shallow inclination to X-Z plane
30								All fractures here related to high inclination fracture
40								76-100cm S _{200/10} L _{175/9} - (3)
50								7-33cm - several open sealed shear fractures parallel to open fractures at ~29cm and ~12cm
60								0-80cm - curvilinear shear fracture, partially open
70								63-80cm - conjugate shear fracture set < 1cm throw
80								98cm and 110cm - two dimensional fractures which fill with occasional mafics
90								Coarse-grained granite with K-feld (3.5cm), plag (3.5cm), Qz (2cm), and biotite (0.5cm), locally concentrated in aggregates (up to 5cm). Thin qh veins (less 2mm) in the lower part of section. Thin dark/black, planar, veins in upper part of section. Pervasively altered; Accessory minerals (unidentified) / titanite?
100								
110								
120								
130								
140								
150								
160								

bol
x 4 14

LF

white veins