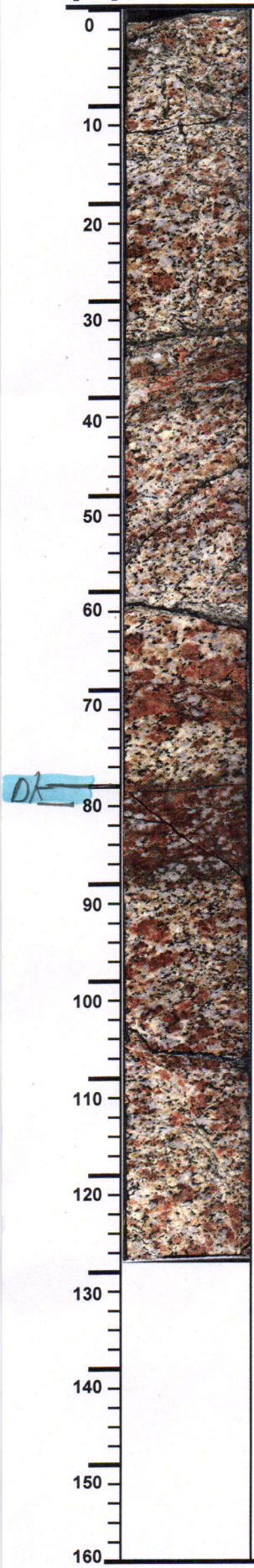
IODP-MSP (Exp. 364) VISUAL SECTION UNIT DESCRIPTION

Exp.	Site	Hole	Core	Type	Section
364	77	A	269	R	1

Date	Time	Observers
8,10,2016	13:30	MP, AR, LF, [illegible]



Description

Highly deformed coarse-grained granite with K-fld (<3cm), Plag (<1.5cm), Qz (<1.5cm), Bio (<0.5cm). Locally altered; veins (green and white, up to 3mm thick).

@64-74 - Larger K-feld phenocrysts.

@79-89 - AF granite.

33cm Si 170/20 L 170/20 +2

50cm: Si 120/30 L 180/15 -3

106cm: S 80/45 L 155/5 +4

0-65cm discrete zones of shear fractures, multiple orientations, sub vertical anastomosing shear fracture truncates sub-horizontal sets individual fractures are mm-wide white & green fill

106-123 anastomosing shear fracture, 1cm wide, white & green fill

80-89cm 1 mm thick green & white filled veins