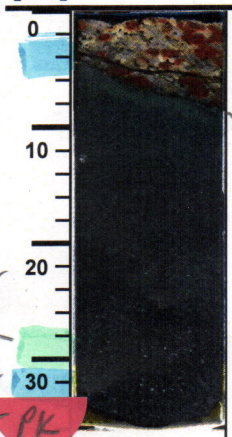
IODP-MSP (Exp. 364) VISUAL SECTION UNIT DESCRIPTION

Exp.	Site	Hole	Core	Type	Section
364	77	A	151	R	1

Date	Time	Observers
2/10/16	19:56	UR. XL. DK



[cm] 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

Image

Unit #

Lithology

Veins and Alteration

Structures

Core Disturbance

CT

Description

Unit 1 — Lithology: IMP. Target rock granite

Veins and Alteration: burgundy

Color: 7.5 YR 7/4

CT: Dark grey

Coarse grain size granite / moderately deformed intrusive contact with dolerite

Unit 2 — Lithology: IMP Target rock Dolerite

Color 7.5YR 3/0.

CT: white.

dolerite: Porphritic texture

Phenocryst: flow texture — intrusion contact
- plagioclase ~2-3 mm
- hornblend ~2mm

matrix: aphanitic — very fine

Contact zone: less phenocrysts.

hairline cracks in dolerite run ⊥ perpendicular to contact w/ granite.

Withdrawing 28.5-30.5

Kring 30.5 32.5

32.5 to end of section PK