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

Exp.	Site	Hole	Core	Type	Section
364	77	A	268	R	2

Date	Time	Observers
8.10.16	12:35	MP, AR, LF, MT

[cm]	Unit #	Lithology	Veins and Alteration	Structures	Core Disturbance	CT
0–30	1	Suevite		U		Suevite Facies, Granite facies, shear zones with dark CT number
30–39						
39–120	2	Granite		U; U; U H,GN		

Description

① Suevite, gray to more greenish (in the lower part) - [No dark/black impact melt clasts]. Clasts, rounded to angular, up to 4cm in size. Clasts: Granite, dolerite, grayish melt rocks, mineral clasts (Qtz), green melt/glass, etc.

- Some melt in the granite, in the 2cm below the contact.

② Highly deformed coarse-grained granite, with K-feld (up to 3cm), plag (2cm), Qtz (1cm), and biotite (0,5cm). Biotite is locally altered, reddish/brown alteration.

29cm S: 120/89 L: 35/8 +1

88cm: S: 88/210 L: 300/10 -4

" " L 130/5 +3

30-67cm:

Pervasive anastomosing shear fractures on cm to sub cm scale with common cataclasites, locally crosscut by shear fractures

67-120cm: discrete shear fractures, occasionally anastomosing, dm-spaced, with white & green alt, rare cataclasites