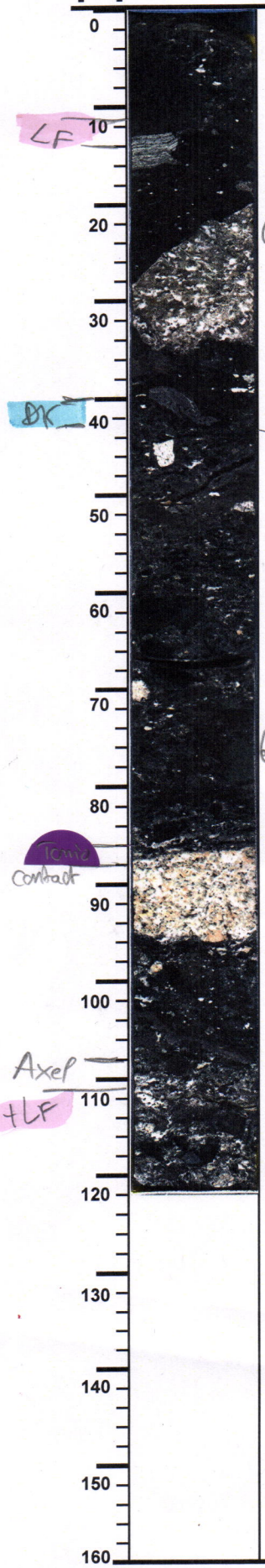
IODP-MSP (Exp. 364) VISUAL SECTION UNIT DESCRIPTION

Exp.	Site	Hole	Core	Type	Section
364	77	A	282	R	1

Date	Time	Observers
11.10.2016	9:00	MP, AR, LF, VT



similar texture between impact melt rock and suevite, except impact rock has slightly higher D

Description

① Impact melt (black), clast-rich, (no vesicles) with clasts larger than 15 cm (granitoid); Suevitic zone (intermixed) in the upper ~13 cm of the unit. Clasts are angular to sub-rounded, some partially digested and schlieren.
Clasts of granitoids, gneiss, and different mafic rocks and "foliated" rock clasts (primary texture and/or shock-melt induced).

Local Pores within clasts and in melt, possibly a result of aeration, or very minor vesicularity greatly infilled with Dark green material

② Suevite with fine-grained grey matrix and clasts larger than 10 cm. A fabric is visible with clasts and melt particles and pods preferentially oriented sub-horizontaly.
Clasts are angular to subrounded. Melt, glassy, dominate, black in color with undigested clasts. Mafic rock and granitoid clasts are the most abundant. Breccia and gneiss also occur.

Granitoid clasts have highly variable alteration of both K-spar and Plag. Furthermore, high variability of deformation in clasts between heavily sheer fractured (@ 90) and undeformed (@ 47)