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 Table 1  
 Single column

№ Sample	Lithology	depth (mbsf)	coordinates (UTM)		geological situation OCT and	drilling fluid (seawater +)	age	macroscopic description	texture
			Latitude	Longitude					
149/897C/1A/63R1 91-95.5	clayey limestone	649.61	40°50.33'N	12°28.44'W	Iberia margin IAP (Iberian Abyssal Plain)	bentonite	Aptian-Albian	mass flow deposit, non-liftified fine sediment light green srp with oliv+px+spinel showing brittle deformation	very fine grained
149/897C/63R2 92-97.5	serp.peridotite	650.64	40°50.33'N	12°28.44'W		bentonite	Aptian-Albian	fine green-grayish matrix (cal+chl) and sub-rounded mm to cm clasts of metagabbro	mesh serpentinite
173/1068A/20R7 18-21	breccia	892.26	40° 40.955' N	11° 36.720' W	IAP hyper-extended continental crust	sepiolite	Barremian	fine gray matrix (srp+chl+cal) and angular to sub- rounded millimetric clasts of dunite	matrix supported breccia
173/1068A/20R7 82-87	breccia serp	892.9	40° 40.955' N	11° 36.720' W		sepiolite	Barremian	Greenish matrix from granular calcite with angular to rounded 0.1mm to 0.5mm clasts of serp. peridotite gabbro composed of large plg and px with interstitial amp and oxides. Alteration & veins minis: prehnite, lz +ctf+ sub-angular to angular 0.2 to 0.6mm basite+ minor spl +chl from lherzolite; small calcite veins	matrix supported breccia
173/1070A/8R5 48.5-55	serp.breccia	672.535	40°47.779'N	12° 43.430'W	IAP, close to magnetic anomaly M1 and 30km west of J anomaly	sepiolite			marix supported breccia
173/1070A/9R2 64-69	coarse-grained gb	678.32	40°47.779'N	12° 43.430'W		sepiolite			coarse hypidiomorphic igneous
173/1070A/10R1 42.5- 47	serp.peridotite	686.325	40°47.779'N	12° 43.430'W	Newfoundland margin	sepiolite		pseudomorphitic	
1210/1277A/5R1 82-87	basalt flow	133.42	45°11.8002'N	44°22.5999'E	on basement ridge km of magenetic anomaly M1	sepiolite	Barremian	yellowish brown colour plg, px, plv with fine calcite vein	aphyric to fine grained (<0.1-0.5mm)
1210/1277A/5R3 15-22	gabbro	135.68	45°11.8002'N	44°22.5999'E		sepiolite	Barremian	phenocryst of oxidised px, plg,px and olv serpentinized foliated peridotite with strong cataclasis overprint,oxidised, calcite veins and	pegmatitic
1210/1277A/6R1 81-86	serp.peridotite	142.91	45°11.8002'N	44°22.5999'E		sepiolite	Barremian		pseudomorphitic foliated