

POLARSTERN

Alfred Wegener Institute
Foundation for Polar and Marine Research
27515 Bremerhaven
Germany



Cruise No/Site No

PS 62/003

Cruise ARK XVIII/7a

Chief scientist Lemke/Sarnthein

Area Irminger Sea

Event No	Date/Time	Latitude <u>N</u> Longitude <u>W</u>	Water-depth	Gear	Penetration/Recovery	Description, samples, remarks
-1	1.7.2002 20:23	61°42,010' 39°04,028' 39°04,028'	2158m	GKG	-	Recovery - no recovery!
-2	1.7.2002 22:36	61°42,003' 39°04,041'	2159m	TWC GKG + Koi	Koi: penetration 2158m at weight stand, recovery 12.40m core catcher = silty Section ① 0-100cm, ② 100-200cm, ③ 200-252cm, ④ 252-352cm, ⑤ 352-452cm, ⑥ 452-552cm, ⑦ 552-652cm, ⑧ 652-752cm, ⑨ 752-852cm, ⑩ 852-952cm, ⑪ 952-1052cm, ⑫ 1052-1152cm, ⑬ 1152-1240cm ✓ TWC - penetration 100%, recovery 6 cm. Verbleib an auf	
-3	2.7.2002 00:58	61°42,062' 39°04,028' 39°04,065	2157m	GKG	Penetration: wahrscheinlich 32cm / surface: fine sandy clayey, bigger sand grains. Recovery: 32cm / 1-2cm in bunnies, 3 of them 10cm apart. Below clay, sandy to trace of sand, few ID stars, color: 10YR 6/2 - 5/4, pale yellowish to moderate yellowish samples: Andrea: 20cm 10cm, Beprobung der ersten 5cm (donner 170) 2cm 10x10cm Börstel: 15x30cm, Beprobung des ersten cm. Profilbeschreibung beiliegend. Tiefen für Mag us Mag us in chinn in 128	
-4						
-5						