

Vibroseyis survey in Öxarfjörður 1993.
Project description and budget

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VIBROSEIS SURVEY IN ÖXARFJÖRÐUR 1993
Project description and budget

Orkustofnun (OS) and the Institute of Solid Earth Physics, University of Bergen (UiB) have agreed to carry out jointly a vibroseis survey in Öxarfjörður, North Iceland, according to following description and budget.

The aim of the project is to map sediments and geological structures in the Öxarfjörður graben close to the coast of Öxarfjörður. The Öxarfjörður graben is the northernmost part of the Krafla fissure swarm where it meets the Tjörnes transform zone.

The project will be carried out in July 1993. It will take 2 weeks inclusive 2 days of mobilization/demobilization. The total amount of data is limited to what can be collected during two weeks. Measurements are planned to be carried out along at least two profiles, one perpendicular and another parallel to the strike.

Orkustofnun will be responsible for the following part of the survey:

- Food and accomodation in Öxarfjörður.
- Providing 4 field assistants and one specialist during the field work
- Provide two cars during the field work
- Provide bulldozer for making tracks for the vibrator

UiB will be responsible for following parts of the survey:

- Provide the vibrators, recording instruments and cables which are to be rented from Scotland.
- Provide a technician from USA for running the vibrators, one specialist, one technician and one field assistant from Bergen.
- Provide a recording van from UiB.

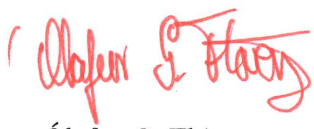
Before the project starts OS will transport the vibrators and other equipment required to Öxarfjörður, make necessary preparations so the seismic profiling can start as soon as the participants from USA and Bergen arrive.

The project funds, administered by Orkustofnun, are limited to 4.500.000 Ikr and are to be used according to the following budget. All items which are marked OS in the budget table are to be covered directly from the funds. UiB will invoice all items which are marked UiB for payment by OS from the project funds.

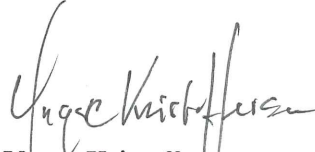
In addition, Orkustofnun and UiB will separately cover the salary of own employees.

Demultiplexing will take place at UiB. OS will provide a person to do the demultiplexing under supervision of people from UiB. It is planned to carry out the demultiplexing in 1993 if funds become available, otherwise the work will be delayed until 1994.

Dr. Einar Kjartansson will be in the charge of the project on behalf of Orkustofnun and prof. Yngve Kristoffersen on the behalf of the University of Bergen.



Ólafur G. Flóvenz



Yngve Kristoffersen

Einar Kjartansson

ÖXARFJÖRÐUR SEISMIC PROJECT							
Budget							
Item	Unit price (Nok)	Units	Nok	Ikr		Remarks	
1	Vibrators, fixed price	30000	1	30.000	279.240	UIB	
2	Vibrators, insurance	10000	1	10.000	93.080	UIB	
3	Vibrators, daily rate	2000	12	24.000	223.392	UIB	
4	Vibrators, km rate	10	600	6.000	55.848	UIB	
5	Vibrators, unforeseen costs	40000	1	40.000	372.320	OS	
6	Vibrators, fuel	1100	12	13.200	122.866	OS	
7	Vibrator, technician, salary	1500	15	22.500	209.430	UIB	Hired from Univ. of Wyoming
8	Vibrator, technician, field pay	500	12	6.000	55.848	UIB	
9	Vibrator, technician, air fares	7000	1	7.000	65.156	UIB	
10	Vibrator, technician, hotels	500	2	1.000	9.308	OS	
11	Vibrators, transport share	20000	1	20.000	186.160	UIB	
					0		
12	UiB personel, field pay	600	42	25.200	234.562	UIB	
13	UiB, transportation of 3 pers and car	21920	1	21.920	204.031	UIB	Incl. all travel costs
					0		
14	Food and accomodation in Öxarfjörður	700	108	75.600	703.685	OS	
15	Salary/field pay for OS field assistants	13700	4	54.800	510.078	OS	
16	Overtime/field pay, OS staff	28000	1	28.000	260.624	OS	
					0		
17	Magnetic tapes	120	200	24.000	223.392	OS	
18	Seismic cables, transport/rent	30000	1	30.000	279.240	OS	Hired from Scotland
19	Bulldozer etc	15000	1	15.000	139.620	OS	
20	Extra car	10000	1	10.000	93.080	OS	
21	Diverse	19236	1	19.236	179.049	OS	
		0					
TOTAL				483.456	4.500.008		