

Davíð Egilson
80/05



ORKUSTOFNUN
Raforkudeild

DE GREINARGERÐASAFN

FRÁRENNSLISSKURÐUR UM HAF

Davíð Egilson
Íngibjörg Kaldal

DE-İK-80/05

Desember 1980

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ORKUSTOFNUN
GRENSÁSV 9 108 REYKJAVÍK SÍMI 83600

Orðsending

Dags.

Til AV, VST, VIRKIR, LV, OS-bókasafn

Frá Davíð Egilson

Samrit til

Varðar

Greinargerð um Frárennslisisskurð við Haf

Villa er í töflu: Hljóðhraðamælingar á Hafi

Túlkun II. Hljóðhraði í V_2 er yfirleitt vitlaus.

Villan breytir í litlu um dýptarákvörðun nema

í HS-16 og HS-40. Smávægilegar breytingar eru

þó í HS-21, 23, 24, 25, 28, 29, 34, 38 og 40.

Þeir sem hafa greinargerðina undir höndum

eru vinsamlegast beðnir um að skipta og setja

meðfylgjandi leiðrétta töflu í heftið.

Haell nr.	Hnit		Haed m y.s.	Hljodhradi, km/s					Thykkt.m			
	X-vestur	Y-nordur		V1	V2 Vu,Vd	Vt	V3 Vu,Vd	Vt	1.lag h1	2.lag h2	3.lag h2	
HS-1	A			0,3	3,38					3,8		Q
	B			0,3	3,95	3,6				4,4		
HS-2	A			0,3	2,60					1,2		Q
	B	579228,19	409503,09	272,74	0,3	2,63	2,6			1,2		
HS-3	A	579161,13	409483,22	287,24	0,3	4,85				7,0		
	B	579206,06	409451,09	284,25	0,3	3,94	4,3			6,7		
HS-4	A	579043,56	409579,00	302,01	0,4	4,05				1,8		
	B	579065,56	409528,31	299,12	0,4	4,16	4,1			1,5		
HS-5	A	579038,69	409448,94	301,46	0,3	2,85				1,7		
	B	579044,56	409393,34	299,51	0,3	3,08	3,0			2,1		
HS-6	A	579043,62	409110,78	283,86	0,3	6,60				5,7		
	B	579215,19	409409,75	277,79	0,3	3,25	4,4			4,1		
HS-7	A	579150,44	409414,63	276,79	1,4	2,45				5,4		
	B	579194,37	409384,12	273,10	0,9	3,43	2,9			6,2		
HS-8	A	579259,19	409345,25	268,89	0,3	3,25				2,8		
	B				0,3	2,20	2,6			1,6		Q
HS-9	A	579295,19	409443,03	267,92	0,4	2,72				1,0		
	B	579361,00	409372,16	265,55	0,4	3,25	3,0			2,8		
HS-10	A				0,3	1,30		2,90		2,2	10,8	13,0 Q
	B				0,3	1,60	1,4	6,60	4,0	3,9	8,7	12,6
HS-11	A	579345,81	409296,22	263,80	0,5	2,32				3,1		
	B				0,5	3,00	2,6			4,6		Q
HS-12	A	579392,00	409325,28	267,28	0,4	1,93				6,7		
	B	579475,12	409274,28	266,93	0,4	3,60	2,5			12,2		
HS-13	A				0,4	0,70		2,78		3,5	6,6	10,1 Q
	B	579497,75	409302,63	264,61	0,4	1,00	0,8	2,73	2,8	2,8	7,8	10,6
HS-14	A	579492,62	409280,75	264,74	0,3	0,74		3,37		2,4	13,2	15,6
	B				0,3	0,81	0,8	1,74	2,3	1,6	6,0	7,6 Q
HS-15	A				0,4	1,23		1,90		1,5	7,3	8,8 S
	B				0,4	1,13	1,2	2,85	2,3	2,1	17,3	19,4 Q
HS-16	A	579628,19	409216,81	261,81	0,4			3,00		4,8		R
	B	579711,81	409165,28	263,05	0,4			3,75	3,3	5,6		T
HS-17	A	579799,06	409112,56	261,48	0,4			3,13		5,4		
	B	579886,94	409059,16	260,75	0,4			3,20	3,2	5,6		

Q STADSETNING OVISS
S HNIT FRA HS-15 ERU MIDUD VID ENDAFONA
R UPPHAFSHRADI V1 FRENUR OVISS
T TULKUN II HEFST I HS-16

V = velocity / hljodhradi
u = up-dip / hallar upp
d = down-dip / hallar nidur
t = true / rettur

Hæll nr.		Hnit		Hæd		Hljodhradi, km/s				Þykktim		Denim
		X-vestur	Y-nordur	m y.s.	V1	Vu,Vd	Vt	Vu,Vd	Vt	1.las h1	2.las h2	3.las a H2
HS-18	A	579971,75	409005,50	260,75	0,4	2,93					4,8	
	B	580057,62	408952,44	260,99	0,4	2,93	2,9				5,0	
HS-19	A	580148,19	408898,38	260,26	0,4	3,15					5,0	
	B				0,4	3,17	3,2				5,0	Q
HS-20	A	580324,37	408787,44	259,95	0,4	3,40					3,5	
	B	580397,25	408715,69	259,80	0,4							
HS-21	A				0,4	3,10					5,4	R
	B	580566,44	408630,19	259,54	0,4	3,95	3,5				5,2	
HS-22	A	580650,75	408585,16	259,49	0,4	3,35					5,2	R
	B	580732,13	408522,25	259,58	0,4	3,25	3,3				5,0	
HS-23	A	580815,25	408468,50	259,69	0,4	3,45					5,2	
	B	580901,38	408413,25	259,05	0,4	3,80	3,6				5,8	
HS-24	A	580983,37	408359,44	258,90	0,4	3,10					4,4	
	B	581065,50	408306,00	258,88	0,4	3,25	3,2				3,8	
HS-25	A	581119,50	408270,53	258,83	0,4	2,88					3,6	
	B	581194,81	408201,34	258,69	0,4	2,70	2,8				4,0	
HS-26	A	581265,50	408136,53	258,71	0,4	2,60					3,8	
	B	581338,56	408069,50	258,84	0,4	3,05	2,8				5,1	
HS-27	A	581412,94	408000,84	258,43	0,4	2,55					3,4	
	B	581490,62	407929,63	258,20	0,4	2,90	2,7				5,1	
HS-28	A	581511,19	407910,75		0,4	2,70					3,8	
	B	581593,00	407835,75		0,4	2,80	2,7				3,4	
HS-29	A	581653,19	407780,53	258,08	0,4	2,55					3,0	
	B	581730,81	407709,19	257,75	0,4	2,75	2,6				3,4	
HS-30	A	581803,12	407642,72	257,21	0,4	2,75					3,4	
	B	581880,19	407571,84	256,69	0,4	3,00	2,9				4,2	
HS-31	A	581956,56	407501,72	256,61	0,4	2,80					3,8	
	B	582033,75	407430,75	255,58	0,4	3,15	3,0				4,6	
HS-32	A	582110,94	407360,06	254,81	0,4	2,50					3,0	
	B				0,4	3,30	2,8				4,2	Q
HS-33	A	582222,75	407182,31	255,50	0,4	3,00					5,2	
	B	582280,50	407087,22	256,75	0,4	3,25	3,1				5,8	
HS-34	A	582343,31	406991,09	257,38	0,4	3,20					6,8	T
	B	582377,19	406936,88	258,12	0,4	3,35	3,3				7,4	

Q STADSETNING OVISS
R UPPHAFSHRADI V1 FREMUR OVISS
T TULKUN OVISS

V = velocity / hljodhradi
u = up-dip / hallar upp
d = down-dip / hallar nidur
t = true / rettur

Haell nr.		Hnit		Haed		Hljodhradi, km/s					Thykkt, m			
		X-vestur	Y-nordur	m y.s.	V1	Vu, Vd	Vt	Vu, Vd	Vt	1. las	2. las	3. las		
HS-35	A	582441.50	406787.03	256.26	0.4	2.45						7.1		
	B	582471.88	406691.06	255.28	0.4	2.75	2.6					7.1		
HS-36	A	581490.62	407929.63	258.20	0.4	2.00						3.5		
	B	581531.75	407891.88		0.4	2.10	2.0					3.6		
HS-37	A	582504.00	406589.56	255.48	0.4	2.50						5.9		
	B	582535.56	406490.31	256.52	0.4	2.73	2.6					6.9		
HS-38	A	582614.00	406243.72		0.4	3.05						8.3		
	B	582647.25	406140.19		0.4	2.35	2.7					6.7		
HS-39	A	582753.31	405807.69	255.43	0.4	3.45						8.9		T
	B	582786.44	405704.78	254.93	0.4	3.05	3.2					8.1		
HS-40	A	582874.81	405425.94	254.39	0.4	1.90						5.3		
	B	582907.19	405324.84	253.15	0.4	2.15	2.0					7.0		
HS-41	A	582970.50	405129.28	252.97	0.4	2.05						6.3		
	B	582993.44	405058.63	253.30	0.4	1.95	2.0					5.9		

T TULKUN QVISS

V = velocity / hljodhradi
u = up-dip / hallar upp
d = down-dip / hallar niður
t = true / rettur

FRÁRENNSLISSKURÐUR UM HAF

Myndir: 1. Staðsetningarkort

2. Þversnið

3. Hljóðhraðamæling með "millilagi"

Töflur: 1. Hljóðhraðamælingar túlkun I (venjuleg túlkun)

2. Hljóðhraðamælingar túlkun II (yfirborðshraði gefinn 0,4 km/s)

3. Cobrahödur, hnit og hæðir

4. PH-hödur, ST-hödur, hnit og hæðir

Viðauki: A ST-22 kjarnaloggur

B PH- (42-46)

C Gryfjur

D Cobraborun

1980-12-05

FRÁRENNSLISSKURÐUR UM HAF

1 TILGANGUR RANNSÓKNANNA

Að fá sem gleggsta mynd af þykkt yfirborðslaga niður á þéttan berggrunn. Þá var reynt að fá vísbendingu um styrkleika og þykkt hraunsins Th_i í grennd við væntanlega skurðleið.

2 RANNSÓKNARAÐFERÐIR

Til að kanna þykkt lausu jarðlaganna var beitt:

Gryfjutöku
Cobra og Borrobórun
Hljóðhraðamælingum

Til að fá vísbendingu um þykkt Th_i var notast við:

Kjarnaholu (ST-22)
Loftborsholur (PH-42 - PH-46)

Að auki voru hljóðhraðamælingar (HS-1 - HS-41) notaðar til að fá vísbendingu um styrkleika Th_i.

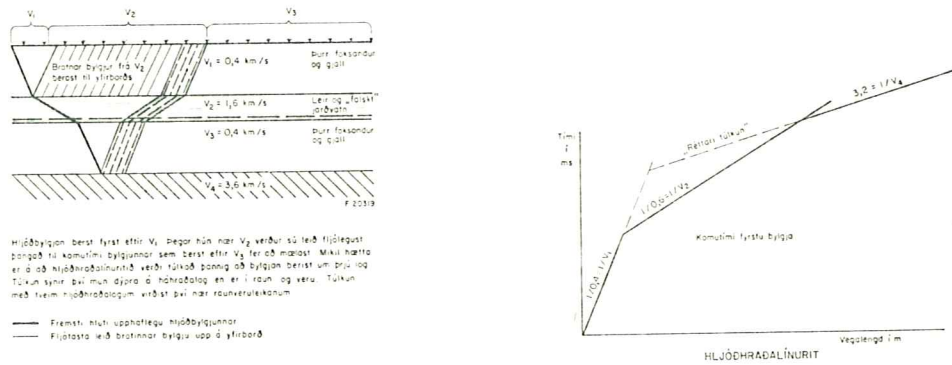
Ákveðið var að víkja út af upprunalegri verkáætlun og nota Cobrabór í stað Borro. Var það gert í ljósi þeirra reynslu sem fengist hefur að Cobran sé mun fljótvirkari en Borroinn og þessar rannsóknaraðferðir gefi svipaðar niðurstöður í sandi og gjalli. Þó þótti rétt að bera aðferðirnar saman á nokkrum stöðum á skurðleiðinni þar sem Borroinn var á staðnum. Hljóðhraðamælingarnar fylgdu upphaflegri áætlun að mestu leyti.

3 TÚLKUN MÆLINGA

Staðsetning mælinga er sýnd á mynd 1. Mynd 2 er þversnið sem sýnir ákvörðun á þykkt lausra jarðlaga með mismunandi aðferðum. Nokkurs ósamræmis gætir þó í ákvörðun Borró og Cobra annars vegar og gryfja, loftborshola og kjarnaholu hins vegar. Verður að telja síðar nefndu aðferðirnar mun áreiðanlegri, þar sem gryfjur sýna óumdeilanlega hvað er á ferðinni og loftborsholurnar ná niður í hraunið. Þá er einnig nokkur munur á ákvörðun með hljóðhraðamælingum og beinum athugunum

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(borholum og gryfjum). Ástæðan fyrir þessu ósamræmi liggur trúlegast í gerð þeirra jarðlaga sem verið er að kanna. Yfirleitt koma jarðlögin fyrir í eftirfarandi röð: Fok- og ársandur með fínmöl, gjallkargi og hraun. Á mörkum sands og gjallkarga er víða lag af grófum ljósum vikri - H₃ - allt að 2 m þykkt (sjá viðauka C). Cobran og Borró stöðvast nánast alltaf í gjallkarganum. Loftbors- og kjarnaholurnar gefa nokkuð örugga vísbendingu um hvar þétt hraun byrjar. Hljóðhraðamælingarnar er erfiðaðra að túlka. Hraðinn 0,4 km/s gefur þó laus jarðlög til kynna. Hraðinn 0,6-1,4 km/s er vísbending um leirfyllingu eða grunnvatn í gjallinu. Hljóðhraðann 2,6-3,2 km/s má túlka sem þéttan hraunkarga. Grönnu tengilínurnar á mynd 2 sýna beina túlkun, þ.e. þegar hvert hljóðhraðalag er túlkað eins og það sést á hljóðhraðalínuritinu. Hins vegar sést í gryfjunum að efsti hluti gjallkargans er víða afar siltfylltur og því þéttur og heldur uppi fölsku grunnvatnsborði. Hætt er við að hljóðhraðinn 0,6-1,4 sé þaðan ættaður og minni hljóðhraði sé fyrir ofan og neðan (mynd 3). Hljóðbylgjan ætti því að hlaupa eftir millihraðalaginu. Staðfesting að slíkt gerist fékkst við ST-22.



Mynd 3.

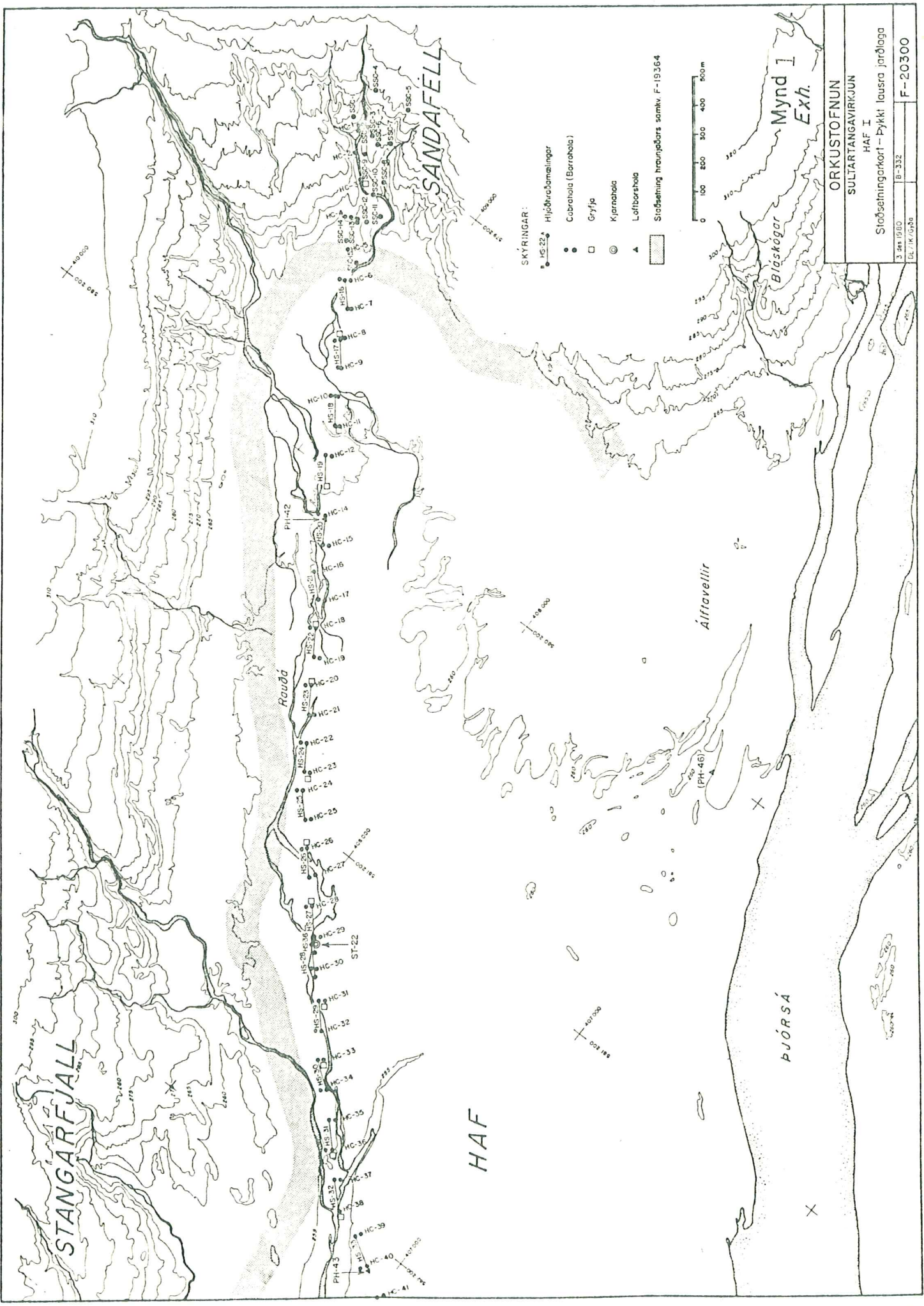
Það var sprengt ofaní holunni og komutími bylgjunnar mældur á yfirborði. Seinkunin svaraði til að hljóðhraðinn væri 0,4 km/s. Hins vegar kom fram um 1,3 km/s á hljóðhraðalínuritinu. Því var gripið til þess ráðs að reikna línuritit út með hljóðhraða í yfirborðslögum gefinn 0,4 km/s niður á fast berg (sveru tengilínurnar á mynd 2). Það gefur augaleið að nokkur ónákvæmni fylgir því að nota slíka nálgun. Helst er hætta á því að hljóðhraðalagið sé það þykkt að það flýti fyrir ferð bylgjunnar í

1980-12-05

lóðréttu stefnu. Lagamótin ættu því að liggja um eða nokkru neðar en gefið er til kynna á mynd 2. Hljóðhraðinn í hrauninu (2,6-3,5 km/s) er einkennandi fyrir hraun almennt.

NIÐURSTÖÐUR

Niðurstöður greiningar eru sýndar á mynd 2. Talið er að yfirborð hraunsins liggi nokkuð nærri sveru tengilínunni í hljóðhraðamælingunni, jafnvel u.þ.b. 1-3 m neðar á köflum þar sem "millilagið" er þykkt. Þangað niður ætti að vera auðgræft en þar fyrir neðan þarf líklega að spengja.



SKYRNINGAR:

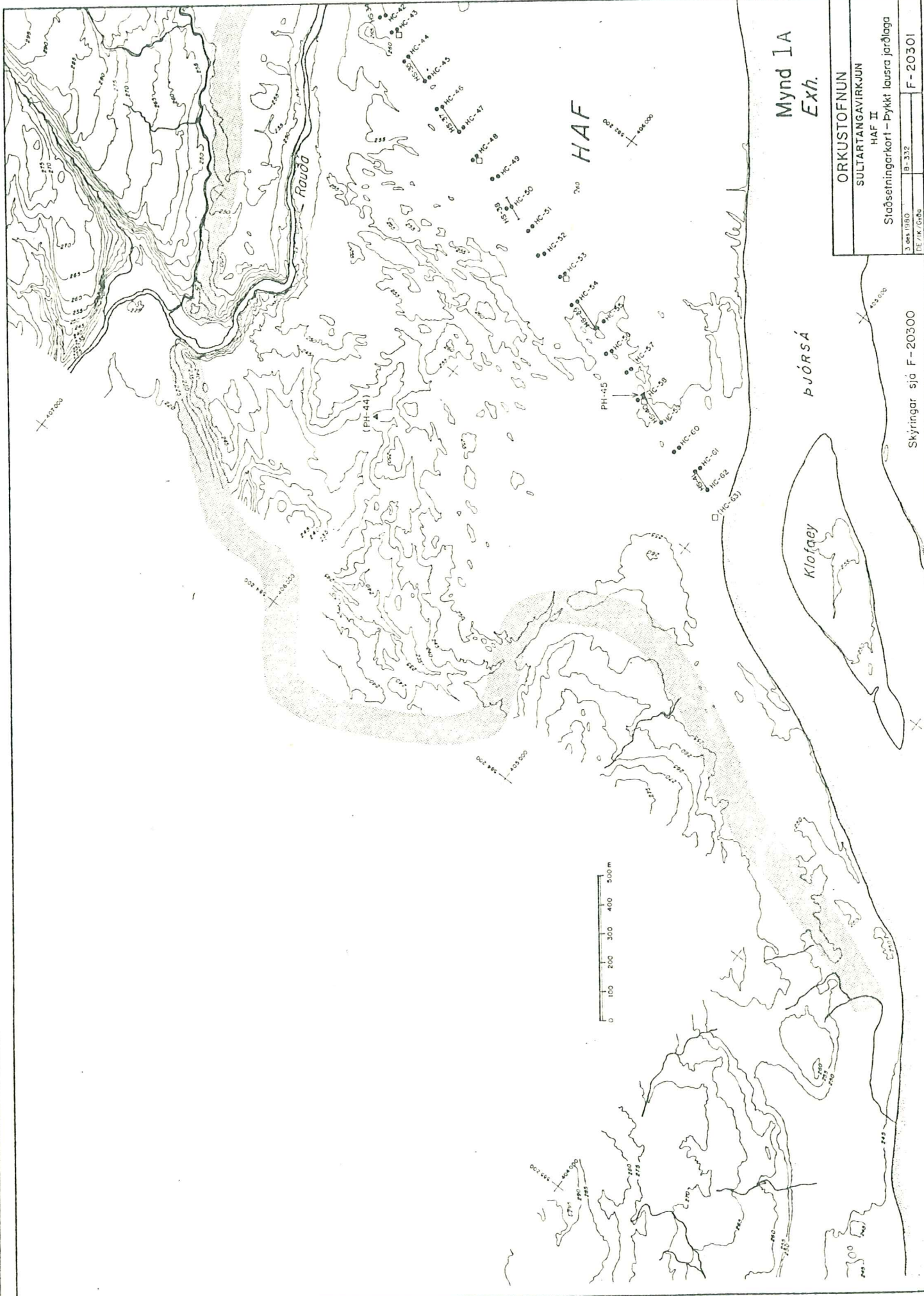
- MS-22 Hljóðhræðingingar
- Cabrahala (Barrahala)
- Gryfja
- ⊙ Kjarnahala
- ▲ Leifbarhala
- ▨ Stöðsetning hraunpöðurs samkv. F-19364



ORKUSTOFNUN
SULTARTANGAVIRKJUN

HAF I
Stöðsetningarkort - Þykki lausra jarðlaga

3. árg. 1960 B-332
E.L./K.G.Sa F-20300



Mynd IA
Exh.

ORKUSTOFNUN	
SULTARTANGAVIRKJUN	
HAF II	
Staðsetningarkort - Þykkt lausra jarðlaga	
3. október 1960	Bl. 332
EE/TK/GGb	F - 20301

Skýringar sjá F-20300

SKÝRINGAR / LEGEND :

HC-5 Cobrorun / Cobra sounding

PH-42 Loftborshola / None core borehole

ST-22 Kjarnahola / Core borehole

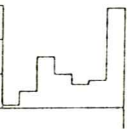
Gryfa / Test pit

B-HS-16-A Jarðsvellusnið / Seismic profile

0.3 km/s Hjóðhraðabreyting / Depth of seismic contrast
2.3 km/s

() Háð óþekkt / Elevation not known

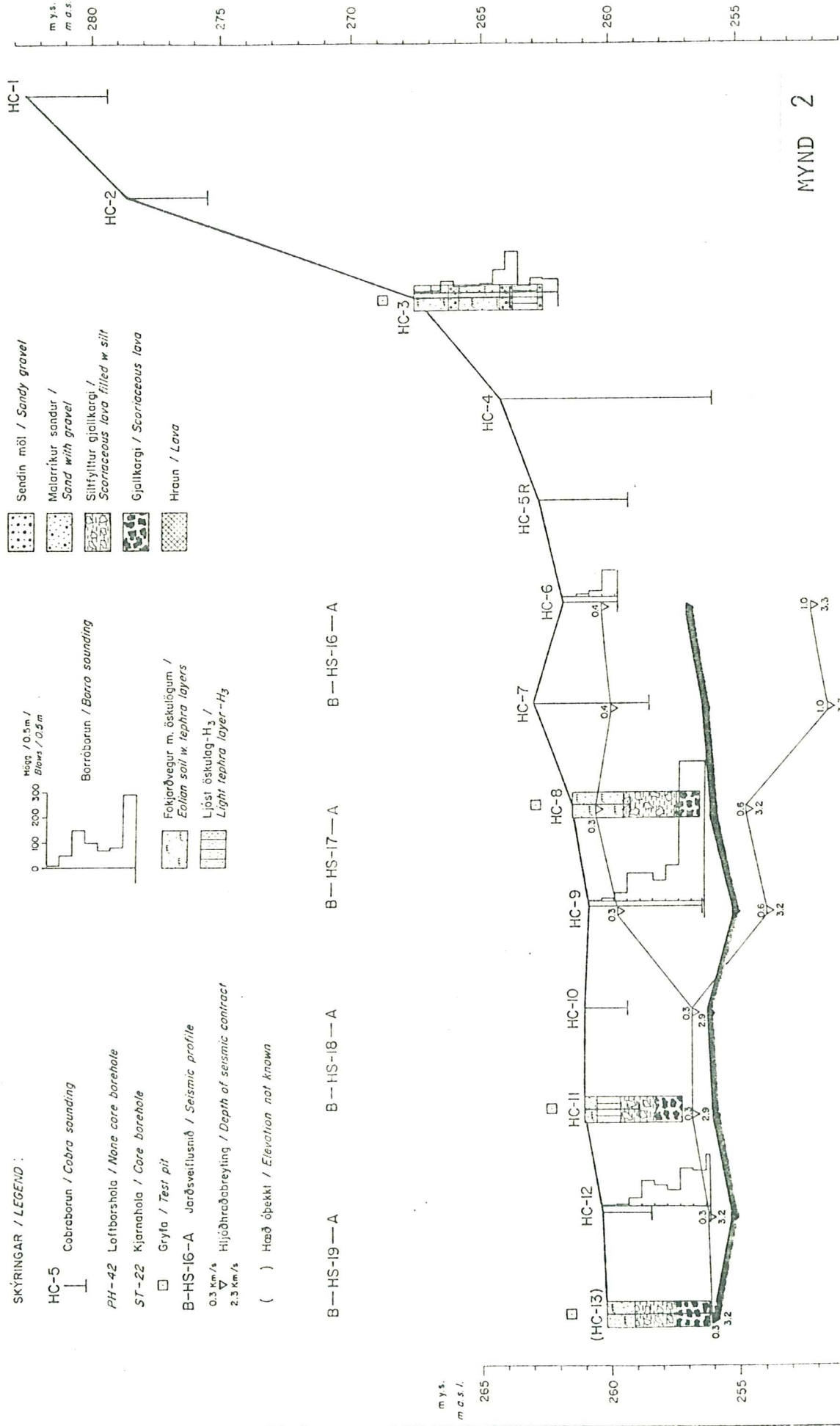
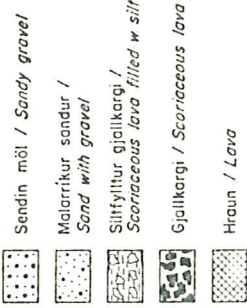
Hágg / 0.5m /
Blows / 0.5m



Borrbörun / Barro sounding

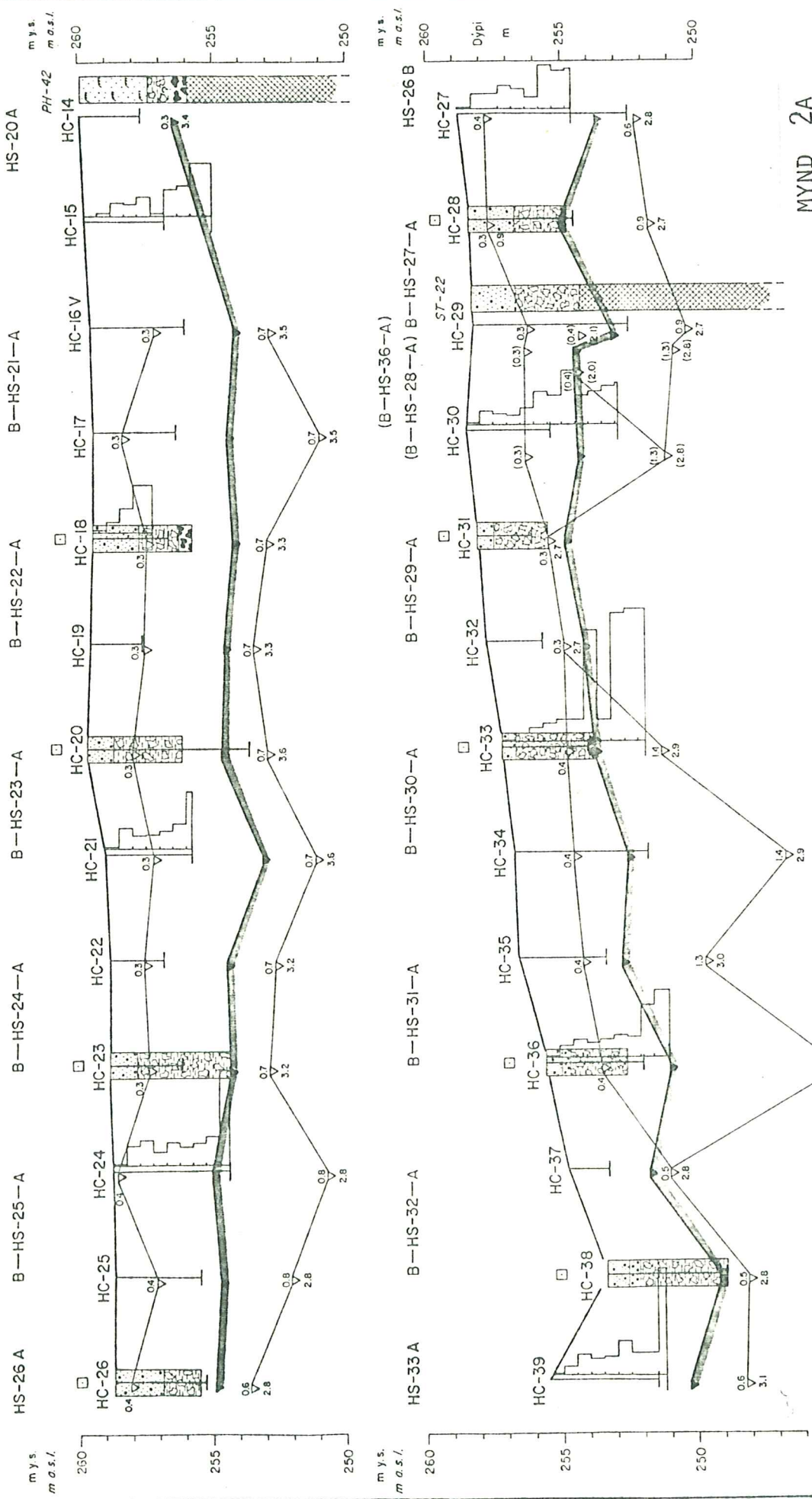
Fokjarðvegur m. óskulögum /
Eolian soil w tephra layers

Ljóst óskulag-H₃ /
Light tephra layer--H₃



MYND 2

ORKUSTOFNUN	
SULTARTANGAVIRKJUN	
Frænnisskiður á Hafi	
BO.12.03.	IK / GSJ
Blöð 1	B-332
F. 20307	



MYND 2A

ORKUSTOFNUN	
SULTARTANGAVIRKJUN	
Frænnisliðskurður á Hafri	
80.12.03.	IK / 654
Búnað 2	B-332
F. 20307	



m. y. s.
m. a. s. l.

260 255 250 245

B--HS-33-B

B--HS-34-A

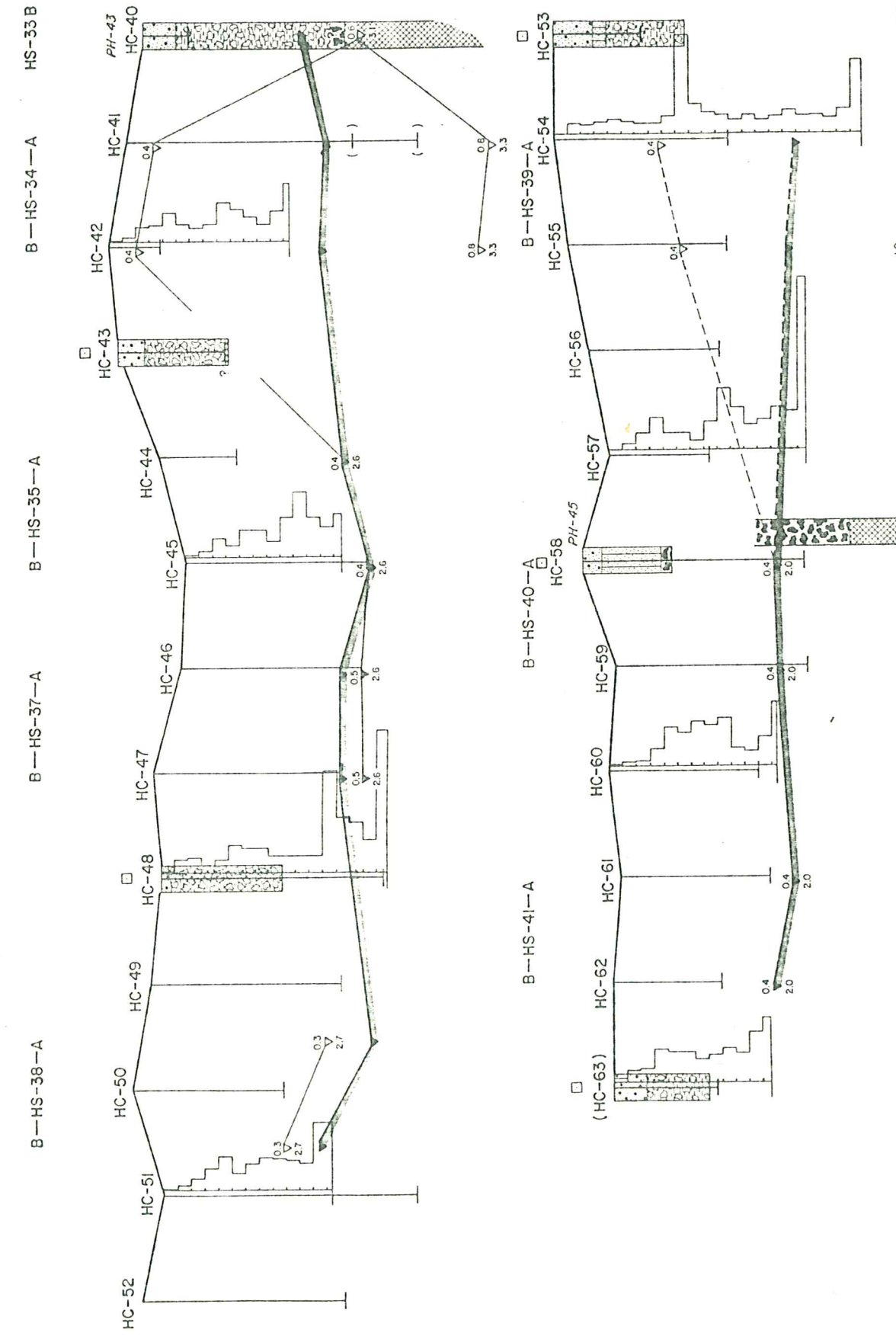
B--HS-35-A

B--HS-37-A

B--HS-38-A

m. y. s.
m. a. s. l.

260 255 250



ORKUSTOFNUN

SULTARTANGAVIRKJUN
Frörenslisskurður á Hafi

BO 12.03
Bl. n. 3

IK 7.63J

B-332

F. 20307

MYND 2B

0 100 200 300 m

TAFLA 1

ORKUSTOFNUN
RAFORKUDEILD

HLJÓÐHRADAMAELINGAR
HAF-1980, TULKUN I

1980-12-3
Blad 1 af 3 GHV

Hæll nr.	Hnit		Haed m y.s.	Hljóðhradi, km/s					Þykkt, m			Dýpin a 3. lág H2
	X-vestur	Y-nordur		V2	Vt	V3	Vt	1. lág h1	2. lág h2	3. lág H2		
HS-1	A			0.3	3.38					3.8		Q
	B			0.3	3.95	3.6				4.4		
HS-2	A			0.3	2.60					1.2		Q
	B	579228.19	409503.09	272.74	0.3	2.63	2.6			1.2		
HS-3	A	579161.13	409483.22	287.24	0.3	4.85				7.0		
	B	579206.06	409451.09	284.25	0.3	3.94	4.3			6.7		
HS-4	A	579043.56	409579.00	302.01	0.4	4.05				1.8		
	B	579065.56	409528.31	299.12	0.4	4.16	4.1			1.5		
HS-5	A	579038.69	409448.94	301.46	0.3	2.85				1.7		
	B	579044.56	409393.34	299.51	0.3	3.08	3.0			2.1		
HS-6	A	579043.62	409110.78	283.86	0.3	6.60				5.7		
	B	579215.19	409409.75	277.79	0.3	3.25	4.4			4.1		
HS-7	A	579150.44	409414.63	276.79	1.4	2.45				5.4		
	B	579194.37	409384.12	273.10	0.9	3.43	2.9			6.2		
HS-8	A	579259.19	409345.25	268.89	0.3	3.25				2.8		
	B				0.3	2.20	2.6			1.6		Q
HS-9	A	579295.19	409443.03	267.92	0.4	2.72				1.0		
	B	579361.00	409372.16	265.55	0.4	3.25	3.0			2.8		
HS-10	A				0.3	1.30		2.90		2.2	10.8	13.0 Q
	B				0.3	1.60	1.4	6.60	4.0	3.9	8.7	12.6
HS-11	A	579345.81	409296.22	263.80	0.5	2.32				3.1		
	B				0.5	3.00	2.6			4.6		Q
HS-12	A	579392.00	409325.28	267.28	0.4	1.93				6.7		
	B	579475.12	409274.28	266.93	0.4	3.60	2.5			12.2		
HS-13	A				0.4	0.70		2.78		3.5	6.6	10.1 Q
	B	579497.75	409302.63	264.61	0.4	1.00	0.8	2.73	2.8	2.8	7.8	10.6
HS-14	A	579492.62	409280.75	264.74	0.3	0.74		3.37		2.4	13.2	15.6
	B				0.3	0.81	0.8	1.74	2.3	1.6	6.0	7.6 Q
HS-15	A				0.4	1.23		1.90		1.5	7.3	8.8 S
	B				0.4	1.13	1.2	2.85	2.3	2.1	17.3	19.4 T
HS-16	A	579628.19	409216.81	261.81	0.4	0.85		3.00		1.5	8.1	9.6 T
	B	579711.81	409165.28	263.05	0.4	1.21	1.0	3.75	3.3	3.0	8.4	11.4
HS-17	A	579799.06	409112.56	261.48	0.3	0.55		3.13		0.9	5.9	6.8
	B	579886.94	409059.16	260.75	0.3	0.55	0.6	3.20	3.2	1.1	5.8	6.9

Q STADSETNING OVISS
S Hnit fra HS-15 eru mÍDUD VÍÐ ENDAFONA
T TULKUN OVISS

U = velocity / hljóðhradi
u = up-dip / hallar upp
d = down-dip / hallar niður
t = true / rettur

TAFLA 1A

ORKUSTOFNUN
RAFORKUDEILD

HLJODHRADAMAELINGAR
HAF-1980, TULKUN I

1980-12-3
Blad 2 af 3 GHV

Hæll nr.	Hnit	Hæð	Hljóðhradi, km/s						Þykkt, m			Dýpi, m	
			X-vestur	Y-nordur	n y.s.	V1	V _u V _d	Vt	V _u V _d	Vt	1.las h1		2.las h2
HS-18	A	579971.75	409005.50	260.75	0.3	2.93					4.2		
	B	580057.62	408952.44	260.99	0.3	2.93	2.9				4.2		
HS-19	A	580148.19	408898.38	260.26	0.3	3.15					4.1		
	B				0.3	3.17	3.2				4.1		0
HS-20	A	580324.37	408787.44	259.95	0.3	3.40					3.5		T
	B	580397.25	408715.69	259.80	0.3								
HS-21	A				0.3	0.77		3.10		2.4	4.3	6.7	0
	B	580566.44	408630.19	259.54	0.3	0.63	0.7	3.95	3.5	1.1	7.4	8.5	
HS-22	A	580650.75	408585.16	259.49	0.3	0.60		3.35		2.0	4.5	6.5	
	B	580732.13	408522.25	259.58	0.3	0.80	0.7	3.25	3.3	2.0	4.1	6.1	
HS-23	A	580815.25	408468.50	259.69	0.3	0.63		3.45		1.7	5.0	6.7	
	B	580901.38	408413.25	259.05	0.3	0.78	0.7	3.80	3.6	1.8	6.1	7.9	
HS-24	A	580983.37	408359.44	258.90	0.3	0.60		3.10		1.3	4.9	6.2	
	B	581065.50	408306.00	258.88	0.3	0.90	0.7	3.25	3.2	1.5	4.5	6.0	
HS-25	A	581119.50	408270.53	258.83	0.4	0.80		2.88		0.2	7.9	8.1	
	B	581194.81	408201.34	258.69	0.4	0.88	0.8	2.70	2.8	1.6	5.0	6.6	
HS-26	A	581265.50	408136.53	258.71	0.4	0.60		2.60		0.6	4.5	5.1	
	B	581338.56	408069.50	258.84	0.4	0.55	0.6	3.05	2.8	1.0	5.6	6.6	
HS-27	A	581412.94	408000.84	258.43	0.3	0.65		2.55		0.7	6.0	6.7	
	B	581490.62	407929.63	258.20	0.3	1.30	0.9	2.90	2.7	2.0	5.9	7.9	
HS-28	A	581511.19	407910.75		0.3	1.07		2.70		1.9	5.6	7.5	
	B	581593.00	407835.75		0.3	1.53	1.3	2.80	2.7	2.1	5.2	7.3	
HS-29	A	581653.19	407780.53	258.08	0.3	2.55				2.6			
	B	581730.81	407709.19	257.75	0.3	2.75	2.6			2.9			
HS-30	A	581803.12	407642.72	257.21	0.4	1.47		2.75		2.4	3.5	5.9	
	B	581880.19	407571.84	256.69	0.4	1.40	1.4	3.00	2.9	2.2	7.9	10.1	
HS-31	A	581956.56	407501.72	256.61	0.4	1.45		2.80		2.4	4.6	7.0	
	B	582033.75	407430.75	255.58	0.4	1.23	1.3	3.15	3.0	2.1	8.6	10.7	
HS-32	A	582110.94	407360.06	254.81	0.5	2.50				3.8			T
	B				0.5	3.30	2.8			5.3			0
HS-33	A	582222.75	407182.31	255.50	0.6	3.00				7.3			
	B	582280.50	407087.22	256.75	0.6	3.25	3.1			8.0			
HS-34	A	582343.31	406991.09	257.38	0.4	0.78		3.20		1.0	12.5	13.5	
	B	582377.19	406936.88	258.12	0.4	0.78	0.8	3.35	3.3	1.0	12.8	13.8	

0 STADSETNING OVISS
T TULKUN OVISS

V = velocity / hljóðhradi
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TAFLA 1B

ORKUSTOFNUN
RAFORKUDEILD

HLJODHRADAMAELINGAR
HAF-1980, TULKUN I

1980-12-3
Blad 3 af 3 GHV

Hæll nr.	Hnit		Hæd m y.s.	Hljóðhræði, km/s						Þykkt, m			Dýpið a 3. lág H2
	X-vestur	Y-nordur		V1	V2	Vt	V3	Vt	1. lág h1	2. lág h2	3. lág H2		
HS-35	A	582441.50	406787.03	256.26	0.4	2.45						6.8	
	B	582471.88	406691.06	255.28	0.4	2.75	2.6					6.8	
HS-36	A	581490.62	407929.63	258.20	0.4	2.00						3.9	
	B	581531.75	407891.88		0.4	2.10	2.0					3.9	
HS-37	A	582504.00	406589.56	255.48	0.5	2.50						6.7	
	B	582535.56	406490.31	256.52	0.5	2.73	2.6					7.8	
HS-38	A	582614.00	406243.72		0.3	3.05						6.8	T
	B	582647.25	406140.19		0.3	2.35	2.7					5.0	
HS-39	A	582753.31	405807.69	255.43	0.4	0.82		3.45				3.9	11.0 14.9 T
	B	582786.44	405704.78	254.93	0.4	1.15	1.0	3.05	3.2			4.2	8.3 12.5
HS-40	A	582874.81	405425.94	254.39	0.4	1.90						7.1	
	B	582907.19	405324.84	253.15	0.4	2.15	2.0					6.0	
HS-41	A	582970.50	405129.28	252.97	0.4	2.05						6.3	
	B	582993.44	405058.63	253.30	0.4	1.95	2.0					5.9	

T TULKUN OVISS

V = velocity / hljóðhræði
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TAFLA 2

ORKUSTOFNUN
RAFORKUDEILD

HLJODHRADAMAELINGAR
HAF-1980, TULKUN II

1980-12-3
Blad 1 af 3 GHV

Hæll nr.	Hnit		Hæd		Hljodhradi, km/s				Thykkt, m			Dýpi, m
	X-vestur	Y-nordur	m y.s.	Vt	Vu, Vd	Vt	Vu, Vd	Vt	1. las h1	2. las h2	3. las h2	
HS-1	A			0,3	3,38					3,8		0
	B			0,3	3,95	3,6				4,4		
HS-2	A			0,3	2,60					1,2		0
	B	579228,19	409503,09	272,74	0,3	2,63	2,6			1,2		
HS-3	A	579161,13	409483,22	287,24	0,3	4,85				7,0		
	B	579206,06	409451,09	284,25	0,3	3,94	4,3			6,7		
HS-4	A	579043,56	409579,00	302,01	0,4	4,05				1,8		
	B	579065,56	409528,31	299,12	0,4	4,16	4,1			1,5		
HS-5	A	579038,69	409448,94	301,46	0,3	2,85				1,7		
	B	579044,56	409393,34	299,51	0,3	3,08	3,0			2,1		
HS-6	A	579043,62	409110,78	283,86	0,3	6,60				5,7		
	B	579215,19	409409,75	277,79	0,3	3,25	4,4			4,1		
HS-7	A	579150,44	409414,63	276,79	1,4	2,45				5,4		
	B	579194,37	409384,12	273,10	0,9	3,43	2,9			6,2		
HS-8	A	579259,19	409345,25	268,89	0,3	3,25				2,8		
	B				0,3	2,20	2,6			1,6		0
HS-9	A	579295,19	409443,03	267,92	0,4	2,72				1,0		
	B	579361,00	409372,16	265,55	0,4	3,25	3,0			2,8		
HS-10	A				0,3	1,30		2,90		2,2	10,8	13,0 0
	B				0,3	1,60	1,4	6,60	4,0	3,9	8,7	12,6
HS-11	A	579345,81	409296,22	263,80	0,5	2,32				3,1		
	B				0,5	3,00	2,6			4,6		0
HS-12	A	579392,00	409325,28	267,28	0,4	1,93				6,7		
	B	579475,12	409274,28	266,93	0,4	3,60	2,5			12,2		
HS-13	A				0,4	0,70		2,78		3,5	6,6	10,1 0
	B	579497,75	409302,63	264,61	0,4	1,00	0,8	2,73	2,8	2,8	7,8	10,6
HS-14	A	579492,62	409280,75	264,74	0,3	0,74		3,37		2,4	13,2	15,6
	B				0,3	0,81	0,8	1,74	2,3	1,6	6,0	7,6 0
HS-15	A				0,4	1,23		1,90		1,5	7,3	8,8 S
	B				0,4	1,13	1,2	2,85	2,3	2,1	17,3	19,4 0
HS-16	A	579628,19	409216,81	261,81	0,4	0,85				4,8		R
	B	579711,81	409165,28	263,05	0,4	1,21	1,0			6,6		
HS-17	A	579799,06	409112,56	261,48	0,4	0,55				5,4		
	B	579886,94	409059,16	260,75	0,4	0,55	0,6			5,6		

Q STADSETNING OVISS
S HMIT FRA HS-15 ERU MIDUD VID ENDAFONA
R UPPHAFSHRADI VI FREMUR OVISS

V = velocity / hljodhradi
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TAFLA 2A

ORKUSTOFNUN
RAFORKUDEILD

HLJODHRADAMAELINGAR
HAF-1980, TULKUN II

1980-12-3
Blad 2 af 3 GHV

Hæll nr.		Hnit		Hæd		Hljodhradi, ka/s				Thakkt, m		Dypr, m
		X-vestur	Y-nordur	m y.s.	V1	V2	Vt	V3	Vt	1.las h1	2.las h2	
HS-18	A	579971,75	409005,50	260,75	0,4	2,93					4,8	
	B	580057,62	408952,44	260,99	0,4	2,93	2,9				5,0	
HS-19	A	580148,19	408898,38	260,26	0,4	3,15					5,0	
	B				0,4	3,17	3,2				5,0	Q
HS-20	A	580324,37	408787,44	259,95	0,4	3,40					3,5	
	B	580397,25	408715,69	259,80	0,4							
HS-21	A				0,4	0,77					5,4	R
	B	580566,44	408630,19	259,54	0,4	0,63	0,7				5,0	
HS-22	A	580650,75	408585,16	259,49	0,4	0,60					5,2	R
	B	580732,13	408522,25	259,58	0,4	0,80	0,7				5,0	
HS-23	A	580815,25	408468,50	259,69	0,4	0,63					5,0	
	B	580901,38	408413,25	259,05	0,4	0,78	0,7				5,8	
HS-24	A	580983,37	408359,44	258,90	0,4	0,60					4,4	
	B	581065,50	408306,00	258,88	0,4	0,90	0,7				4,4	
HS-25	A	581119,50	408270,53	258,83	0,4	0,80					3,8	
	B	581194,81	408201,34	258,69	0,4	0,88	0,8				4,0	
HS-26	A	581265,50	408136,53	258,71	0,4	0,60					3,8	
	B	581338,56	408069,50	258,84	0,4	0,55	0,6				5,1	
HS-27	A	581412,94	408000,84	258,43	0,4	0,65					3,4	
	B	581490,62	407929,63	258,20	0,4	1,30	0,9				5,1	
HS-28	A	581511,19	407910,75		0,4	1,07					3,8	
	B	581593,00	407835,75		0,4	1,53	1,3				4,0	
HS-29	A	581653,19	407780,53	258,08	0,4	2,55					3,2	
	B	581730,81	407709,19	257,75	0,4	2,75	2,6				3,6	
HS-30	A	581803,12	407642,72	257,21	0,4	1,47					3,4	
	B	581880,19	407571,84	256,69	0,4	1,40	1,4				4,2	
HS-31	A	581956,56	407501,72	256,61	0,4	1,45					3,8	
	B	582033,75	407430,75	255,58	0,4	1,23	1,3				4,6	
HS-32	A	582110,94	407360,06	254,81	0,4	2,50					3,0	
	B				0,4	3,30	2,8				4,2	Q
HS-33	A	582222,75	407182,31	255,50	0,4	3,00					5,2	
	B	582280,50	407087,22	256,75	0,4	3,25	3,1				5,8	
HS-34	A	582343,31	406991,09	257,38	0,4	0,78					7,3	T
	B	582377,19	406936,88	258,12	0,4	0,78	0,8				7,7	

Q STADSETNING OVISS
R UPPHAFSHRADI VI FRENUR OVISS
T TULKUN OVISS

V = velocity / hljodhradi
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TAFLA 2B

ORKUSTOFNUN
RAFORKUDEILD

HLJODHRADAMAELINGAR
HAF-1980, TULKUN II

1980-12-3
Blad 3 af 3 GHV

Hæll nr.		Hnit		Hæd		Hljodhradi, km/s				Thykkt, m			Dypti, m	
		X-vestur	Y-nordur	m y.s.	V1	V2	Vt	V3	Vt	1.lag h1	2.lag h2	3.lag h2		
HS-35	A	582441.50	406787.03	256.26	0.4	2.45						7.1		
	B	582471.88	406691.06	255.28	0.4	2.75	2.6					7.1		
HS-36	A	581490.62	407929.63	258.20	0.4	2.00						3.5		
	B	581531.75	407891.88		0.4	2.10	2.0					3.6		
HS-37	A	582504.00	406589.56	255.48	0.4	2.50						5.9		
	B	582535.56	406490.31	256.52	0.4	2.73	2.6					6.9		
HS-38	A	582614.00	406243.72		0.4	3.05						8.6		
	B	582647.25	406140.19		0.4	2.35	2.7					6.3		
HS-39	A	582753.31	405807.69	255.43	0.4	0.82						8.9		T
	B	582786.44	405704.78	254.93	0.4	1.15	1.0					8.1		
HS-40	A	582874.81	405425.94	254.39	0.4	1.90						7.1		
	B	582907.19	405324.84	253.15	0.4	2.15	2.0					6.0		
HS-41	A	582970.50	405129.28	252.97	0.4	2.05						6.3		
	B	582993.44	405058.63	253.30	0.4	1.95	2.0					5.9		

T TULKUN DVISS

V = velocity / hljodhradi
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t = true / rettur

TAFLA 3

ORKUSTOFNUN
RAFORKUDEILD

HC-HOLUR MAELDAR 1980

1980-12-05
GHV

NAFN	X - HNIT	Y - HNIT	HAED	DYPI	BOTNKOTI	LOKA-ATHS.
HC-1	579172,75	409497,16	282,57	3,20	279,4	HAETT
HC-1R	579189,62	409526,03	275,50	1,90	273,6	GRJOT
HC-2	579253,75	409447,47	278,58	3,10	275,5	HAETT
HC-2R	579270,25	409477,66	271,17	2,60	268,6	GRJOT
HC-2V	0,00	0,00	0,00	3,70	0,0	FAST
HC-3	579337,94	409394,34	267,58	3,70	263,9	HAETT
HC-3R	0,00	0,00	0,00	2,90	0,0	FAST
HC-4	579447,06	409328,62	264,34	8,30	256,0	HAETT
HC-4V	579465,56	409369,34	266,30	5,30	261,0	STOPP
HC-4R	579455,06	409352,22	266,34	6,80	259,5	STOPP
HC-5	0,00	0,00	0,00	2,80	0,0	KLOPP
HC-5R	579548,88	409291,72	262,77	3,50	259,3	FAST
HC-6	579628,19	409216,81	261,31	2,10	259,7	GRJOT
HC-6V	579647,81	409250,56	261,78	2,10	259,7	STOPP
HC-6R	579639,44	409232,87	261,68	2,00	259,7	FAST
HC-7	579711,81	409165,28	263,05	4,50	258,5	STOPP
HC-7A	579704,44	409155,66	262,50	3,90	258,6	STOPP
HC-8	579799,06	409112,56	261,48	2,30	259,2	STOPP
HC-8V	579825,87	409134,88	261,76	5,50	256,3	FAST
HC-8R	579811,38	409121,09	260,97	5,50	255,5	FAST
HC-9	579886,94	409059,16	260,75	4,35	256,4	FAST
HC-9R	579891,81	409068,63	260,80	5,20	255,6	STOPP
HC-10	579971,75	409005,50	260,95	1,70	259,3	STOPP
HC-10V	579984,50	409029,53	260,89	4,50	256,4	STOPP
HC-10R	579975,44	409014,50	261,00	5,10	255,9	STOPP
HC-11	580057,62	408952,44	260,99	2,10	258,9	STOPP
HC-11A	580049,44	408939,16	260,54	4,20	256,3	STOPP
HC-12	580148,19	408898,38	260,26	1,90	258,4	GRJOT
HC-12V	580157,63	408917,72	260,25	3,00	257,3	STOPP
HC-13	0,00	0,00	0,00	4,20	0,0	STOPP
HC-13A	0,00	0,00	0,00	5,40	0,0	STOPP
HC-14	580324,37	408787,44	259,95	2,25	257,7	GRJOT
HC-14V	580332,44	408811,91	259,98	3,90	256,1	FAST
HC-15	580397,25	408715,69	259,80	3,00	256,8	FAST
HC-15A	580406,94	408734,00	259,78	4,40	255,4	FAST
HC-16	0,00	0,00	0,00	2,30	0,0	HAETT
HC-16V	580498,94	408701,62	259,60	3,50	256,1	STOPP
HC-17	580566,44	408630,19	259,54	3,10	256,4	STOPP
HC-17A	580556,81	408611,31	259,87	4,30	255,6	STOPP
HC-18	580650,75	408575,16	259,49	2,80	256,7	FAST
HC-18V	580660,31	408593,66	259,88	4,90	255,0	FAST
HC-19	580732,13	408522,25	259,58	1,90	257,7	STOPP
HC-19A	580723,56	408503,06	259,72	2,30	257,4	GRJOT
HC-20	580815,25	408468,50	259,69	6,00	253,7	FAST
HC-20V	580827,75	408483,69	259,83	3,70	256,1	STOPP
HC-21	580901,38	408413,25	259,05	3,30	255,8	FAST
HC-21A	580889,62	408397,28	258,88	4,20	254,7	STOPP
HC-22	580983,37	408359,44	258,90	2,00	256,9	FAST
HC-22V	580993,00	408377,00	258,83	3,10	255,7	STOPP
HC-23	581065,50	408306,00	258,88	2,70	256,2	STOPP
HC-23A	581056,13	408287,22	259,03	3,70	255,3	STOPP
HC-24	581119,50	408270,53	258,83	4,40	254,4	GRJOT
HC-24V	581131,19	408286,78	258,83	3,50	255,3	FAST
HC-25	581194,81	408201,34	291,69	3,20	255,5	FAST
HC-25A	581179,25	408186,88	258,69	2,90	255,8	STOPP

TAFLA 3A

ORFUSTOFNUN
RAFORKUDEILD

HC-HOLUR MAELDAR 1980

1980-12-05
GHV

NAFN	X - HMIT	Y - HMIT	HAED	DYPI	BOTNKOTI	LOKA-ATHS.
HC-26	581265,38	408136,53	258,71	3,40	255,3	FAST
HC-26V	581280,06	408150,19	258,60	3,80	254,8	FAST
HC-27	581338,56	408069,50	258,84	6,30	252,5	FAST
HC-27A	581322,06	408058,97	258,58	5,80	252,8	FAST
HC-28	581412,94	408000,84	258,43	3,90	254,5	STOPP
HC-28V	581426,19	408015,72	258,37	4,30	254,1	STOPP
HC-29	581490,62	407929,63	258,20	5,70	252,5	STOPP
HC-29A	581479,31	407911,56	258,36	4,20	254,2	STOPP
HC-30	581572,94	407854,16	258,49	3,10	255,4	STOPP
HC-30V	581583,31	407870,44	258,31	5,30	253,0	STOPP
HC-31	581653,19	407780,53	258,03	2,00	256,1	STOPP
HC-31A	581639,38	407764,72	258,19	3,90	254,3	STOPP
HC-32	581730,81	407709,19	257,75	2,10	255,7	STOPP
HC-32V	581740,69	407727,53	258,04	4,70	253,3	STOPP
HC-33	581803,12	407642,72	257,21	3,20	254,0	FAST
HC-33A	501789,31	407625,81	256,96	5,50	251,5	STOPP
HC-34	581880,19	407571,84	256,69	4,90	251,8	GRJOT
HC-34V	581893,13	407587,97	257,04	5,20	251,8	STOPP
HC-35	581956,56	407501,72	256,61	3,30	253,4	GRJOT
HC-35A	581945,13	407484,44	256,65	5,50	251,1	STOPP
HC-36	582033,75	407430,75	255,58	3,60	252,0	GRJOT
HC-36V	582048,44	407446,38	255,30	3,40	251,9	STOPP
HC-37	582110,94	407360,06	254,81	1,50	253,3	GRJOT
HC-37A	582097,87	407342,53	254,43	3,30	251,1	STOPP
HC-38	0,00	0,00	0,00	1,80	0,0	STOPP
HC-38V	582187,19	407279,00	253,35	4,20	249,2	FAST
HC-39?	582222,75	407182,31	255,50	4,00	251,5	FAST
HC-39A	582204,94	407172,69	256,25	9,60	246,7	FAST
HC-40	582280,50	407087,22	256,75	1,70	255,1	STOPP
HC-40V	582299,81	407101,44	255,63	6,30	249,3	STOPP
HC-41	582343,31	406991,09	257,38	10,80	246,6	HAETT
HC-41A	582324,25	406979,69	257,20	10,70	246,5	FAST
HC-42	582377,19	406936,88	258,12	1,90	256,2	STOPP
HC-42V	582393,81	406949,16	258,01	3,50	254,5	FAST
HC-43	582410,63	406894,13	257,78	4,00	253,8	GRJOT
HC-43A	582391,81	406876,16	257,31	2,90	254,4	STOPP
HC-44	582441,50	406787,03	256,26	2,90	253,4	GRJOT
HC-44V	582462,81	406789,12	256,79	3,20	253,6	STOPP
HC-45	582471,88	406691,06	255,28	6,70	248,6	FAST
HC-45A	582451,50	406687,56	255,79	4,30	251,5	GRJOT
HC-46	582504,00	406589,56	255,48	6,70	248,8	FAST
HC-46V	582521,56	406600,97	255,61	4,60	251,0	STOPP
HC-47	582535,56	406490,31	256,52	7,00	249,5	STOPP
HC-47A	582516,56	406488,22	256,54	10,10	246,4	FAST
HC-48	582566,75	406392,03	256,24	8,30	247,9	FAST
HC-48V	582585,81	406393,81	256,02	3,90	252,1	FAST
HC-49	582595,87	406299,78	256,63	7,10	249,5	GRJOT
HC-49A	582577,62	406290,75	256,26	3,70	252,6	FAST
HC-50	582632,06	406187,63	257,28	5,60	251,7	STOPP
HC-50V	582648,88	406199,38	257,71	9,20	248,5	FAST
HC-51	582662,44	406092,78	256,12	9,40	246,7	FAST
HC-51A	582641,62	406090,22	256,36	6,70	249,9	FAST
HC-52	582691,75	406001,06	256,93	7,50	249,4	STOPP
HC-52V	582709,19	406012,84	256,30	5,40	250,9	FAST
HC-53	582720,94	405909,34	255,40	3,30	252,1	STOPP

TAFLA 3B

ORKUSTOFNUM
RAFORKUDEILD

HC-HOLUR MAELDAR 1980

1980-12-05
GHV

NAFN	X - HNIT	Y - HNIT	HAED	DYFI	BOTNKOTI	LOKA-ATHS.
HC-53A	582702,56	405901,66	255,03	7,90	247,1	FAST
HC-54	582753,31	405807,69	255,43	6,50	248,9	STOPP
HC-54V	582774,00	405815,28	254,93	10,20	244,7	FAST
HC-55	582786,44	405704,78	254,93	5,90	249,0	STOPP
HC-55A?	582752,63	405695,28	254,69	3,40	251,3	FAST
HC-56?	582816,06	405611,50	254,07	4,80	249,3	STOPP
HC-56V	582835,50	405620,03	254,43	7,10	247,3	FAST
HC-57	582843,75	405524,97	253,38	3,60	249,7	STOPP
HC-57A	582825,37	405520,09	253,78	4,90	248,9	STOPP
HC-58	582874,81	405425,94	254,39	8,20	246,2	HAETT
HC-58V	582894,06	405436,34	254,39	10,90	243,5	FAST
HC-59	582907,19	405324,84	253,15	7,00	246,1	STOPP
HC-59A	0,00	0,00	0,00	6,90	0,0	FAST
HC-60	582939,69	405223,94	253,43	5,50	247,9	FAST
HC-60V	582960,44	405228,78	253,19	3,70	249,5	FAST
HC-61	582970,50	405129,28	252,97	5,50	247,5	FAST
HC-61A?	582950,06	405123,91	253,16	3,70	249,5	STOPP
HC-62	582993,44	405058,63	253,30	4,00	249,3	STOPP
HC-62V	583013,50	405066,31	253,17	7,90	245,3	FAST
HC-63	0,00	0,00	0,00	3,80	0,0	FAST

ORKUSTOFNUM
RAFORKUDEILD

SSC HOLUR MAELDAR 1980

1980-12-05
GHV

NAFN	X - HNIT	Y - HNIT	HAED	DYFI	BOTNKOTI	LOKA-ATHS.
SSC-1	579174,50	409559,50	283,81	5,05	278,8	FAST
SSC-2	579202,00	409513,34	274,11	1,60	272,5	STOPP
SSC-3	589185,19	409466,28	284,86	5,25	279,6	FAST
SSC-4	579055,25	409553,81	300,71	1,50	299,2	STOPP
SSC-5	579040,50	409421,91	300,66	1,55	299,1	STOPP
SSC-6	579199,44	409432,22	280,91	3,75	277,2	FAST
SSC-7	579170,88	409400,12	275,65	3,90	271,8	STOPP
SSC-8	579287,63	409335,97	266,33	2,05	264,3	FAST
SSC-9	579328,81	409404,97	266,73	5,05	261,7	FAST
SSC-10	579345,87	409336,34	264,49	7,65	256,8	FAST
SSC-11	579389,81	409272,00	262,86	4,70	258,2	FAST
SSC-12	579434,25	409299,50	266,84	7,50	259,3	STOPP
SSC-13	579455,56	409325,09	264,16	6,50	257,7	FAST
SSC-14	579528,50	409315,91	263,83	3,80	260,0	FAST
SSC-15	579568,13	409240,19	262,12	3,80	258,3	STOPP

TAFLA 4

ORKUSTOFNUN
RAFORKUDEILD

1980-12-06
GHV

PH HOLUR HAELDAR 1980

NAFN	X - HNIT	Y - HNIT	HAED
PH-42 ROR	580332.19	408781.09	260.30
PH-42	580332.19	408781.09	259.92
PH-43 ROR	582280.50	407087.22	257.35
PH-43	582280.50	407087.22	256.75
PH-45 ROR	582872.31	405431.25	255.38
PH-45	582872.31	405431.28	254.58

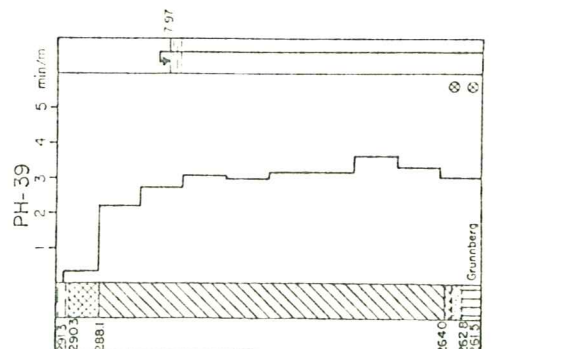
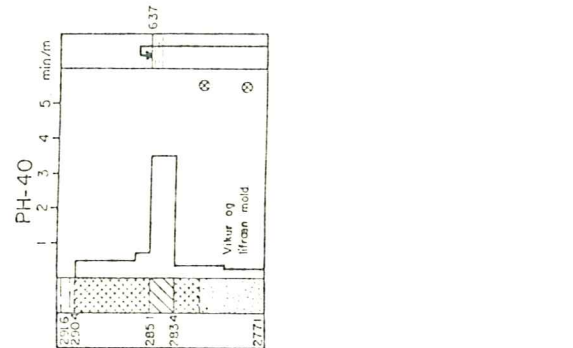
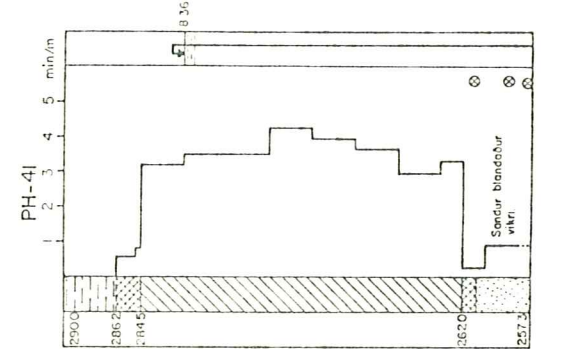
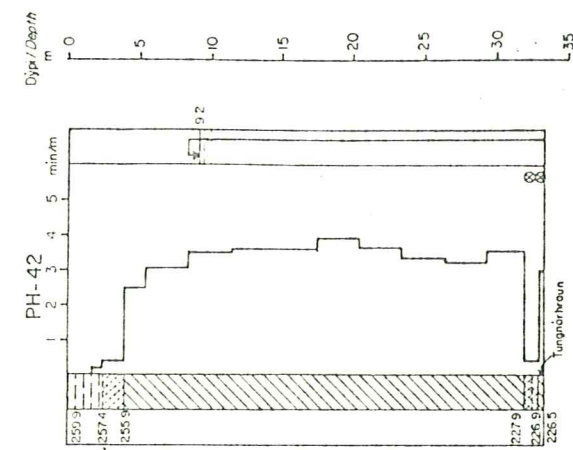
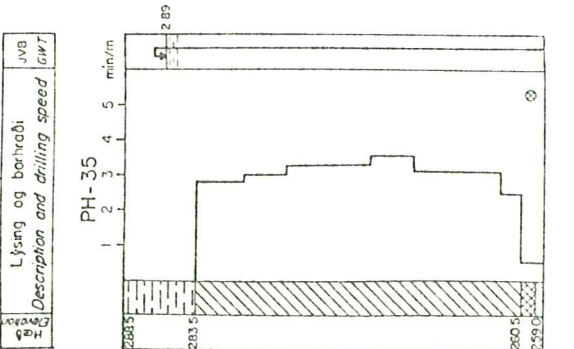
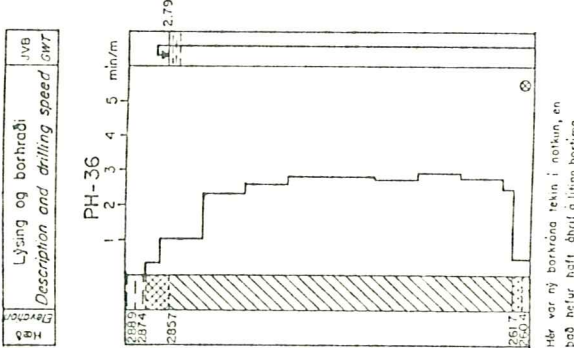
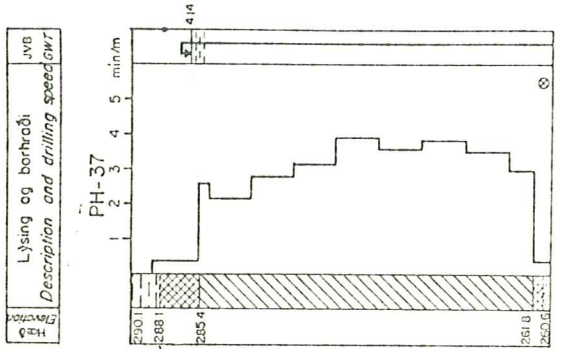
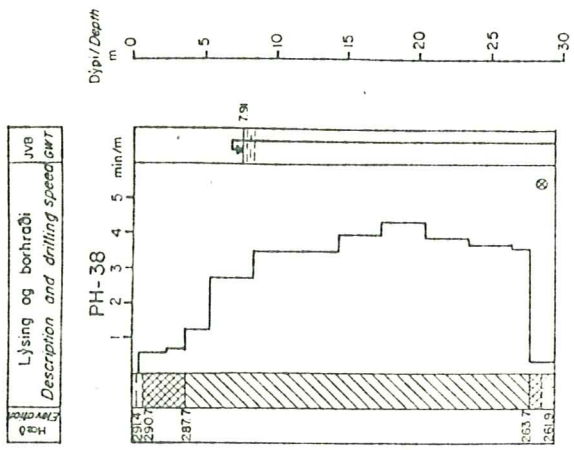
ORKUSTOFNUN
RAFORKUDEILD

1980-12-06
GHV

KJARNAHOLUR ST

NAFN	X - HNIT	Y - HNIT	HAED
ST-22	581508.81	407909.09	258.82

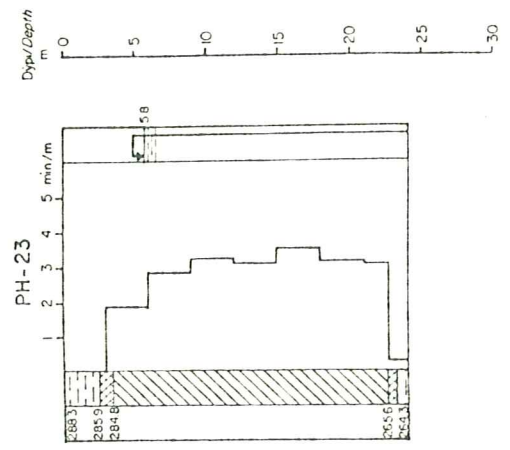
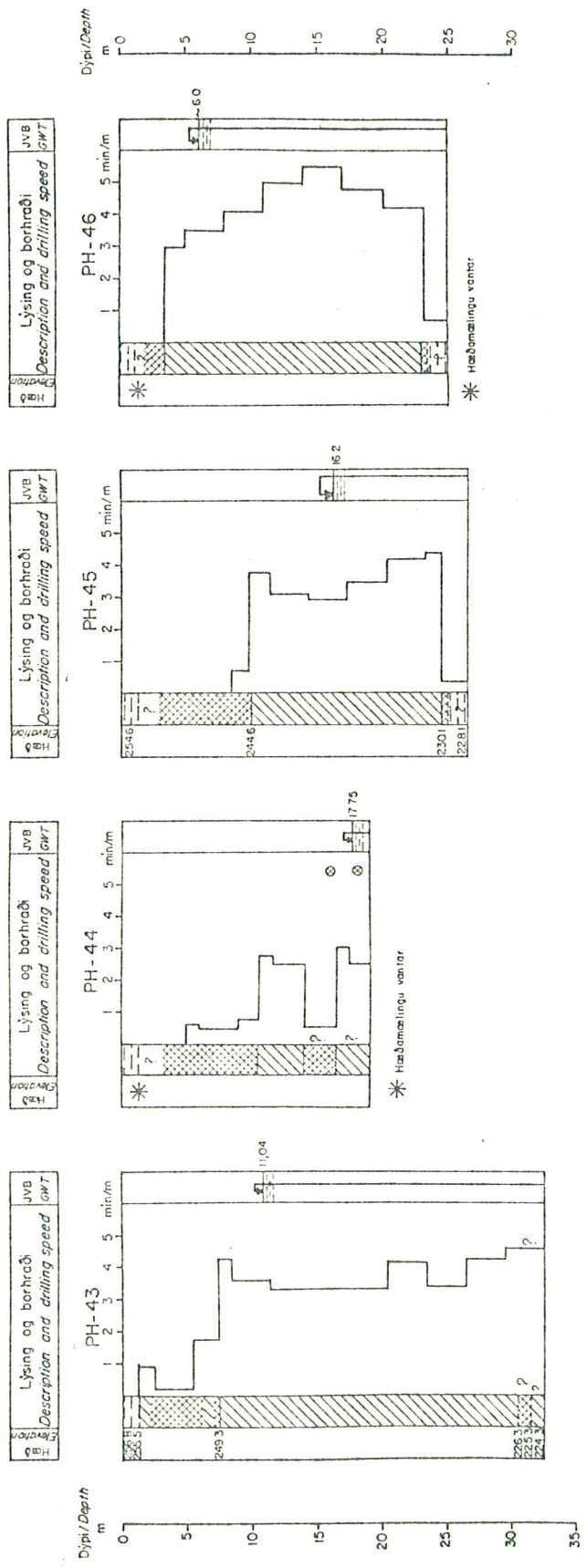
VIÐAUKI B



Skýringar sjá F-19872
Legend see

ORKUSTOFNUN
SULTARTANGAVIRKJUN
Borholusnið PH 35-42

800820
HR/EPF
F. 332
F-19871



SKÝRINGAR : LEGEND

- Yfirborðslag (sbr. loggun gryfja) / Loose overburden (see test pits)
- Kargi / Scoria
- Tungnaárhraun / Postglacial basaltic lava flow
- Millilag, set / Interbed, deposit
- Grunnberg / Old bedrock
- Svarfsýni / Cuttings sample taken
- Borhraði / Drilling speed
- Grunnvatnsborð / Ground water table

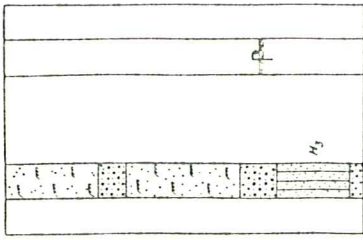
Ele-
vation

Classification

GWT

Sampl-
ing

HC-03



Depth
m

0 1 2 3 4 5

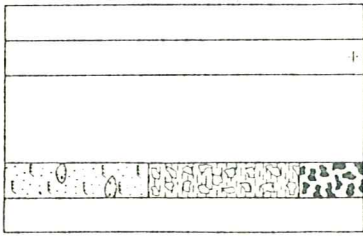
Ele-
vation

Classification

GWT

Sampl-
ing

HC-08



Depth
m

0 1 2 3 4 5

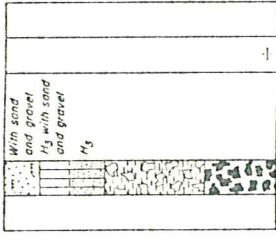
Ele-
vation

Classification

GWT

Sampl-
ing

HC-11



Depth
m

0 1 2 3 4 5

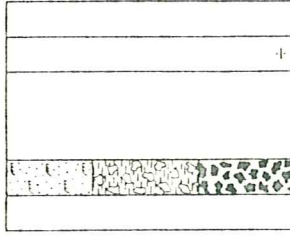
Ele-
vation

Classification

GWT

Sampl-
ing

HC-13



Depth
m

0 1 2 3 4 5

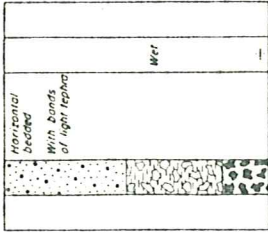
Ele-
vation

Classification

GWT

Sampl-
ing

HC-18

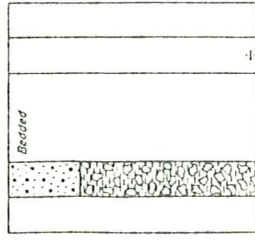


Depth
m

0 1 2 3 4 5

Ele-
vation

HC-20

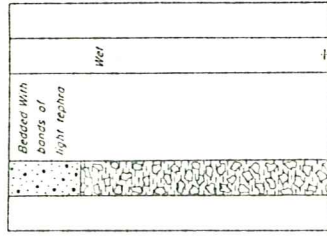


Depth
m

0 1 2 3 4 5

Ele-
vation

HC-23

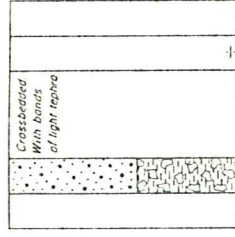


Depth
m

0 1 2 3 4 5

Ele-
vation

HC-26

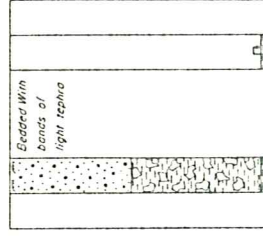


Depth
m

0 1 2 3 4 5

Ele-
vation

HC-28

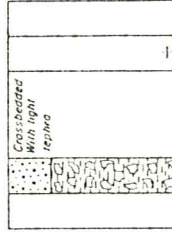


Depth
m

0 1 2 3 4 5

Ele-
vation

HC-31



Depth
m

0 1 2 3 4 5

Staðsetning sjá mynd
Location see exh.

Skýringar sjá mynd
Legend see exh.

VIÐAUKI C

ORKUSTOFNUN

SULTARTANGAVIRKJUN

Gryfjuýsingar / Graphic logs
of test pits

80.11.25

IK / GSJ

B-332

F. 20223

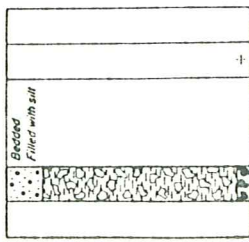
Ele-
vation

Classification

GWT

Sampl-
ing

HC-33



Depth
m

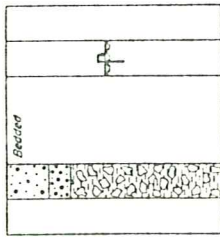
Ele-
vation

Classification

GWT

Sampl-
ing

HC-36



Depth
m

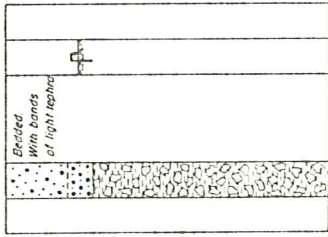
Ele-
vation

Classification

GWT

Sampl-
ing

HC-38



Depth
m

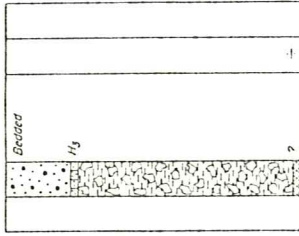
Ele-
vation

Classification

GWT

Sampl-
ing

HC-43



Depth
m

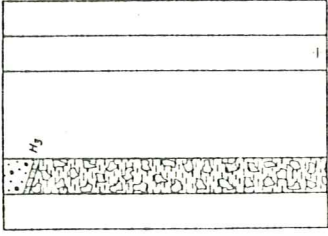
Ele-
vation

Classification

GWT

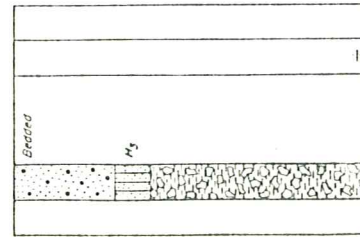
Sampl-
ing

HC-48



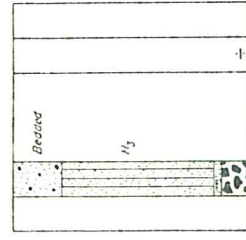
Depth
m

HC-53



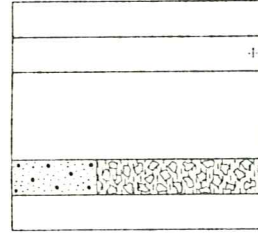
Depth
m

HC-58



Depth
m

HC-63



Depth
m

Staðsetning sjá mynd
Location see *exh.*

Skýringar sjá mynd
Legend see *exh.*

VIÐAUKI CA

ORKUSTOFNUN

SULTARTANGAVIRKJUN
Gryfjúlýsingar / Graphic logs
of test pits

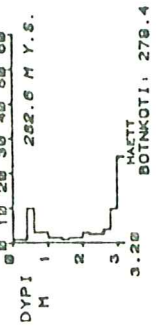
Bl. 9 af 9

IK / GSJ
B-332

F. 20223

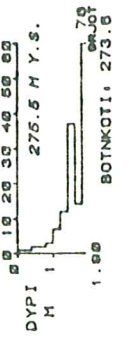
HC-1

250M N/BORH, MOI
BORTIMI S/20CH



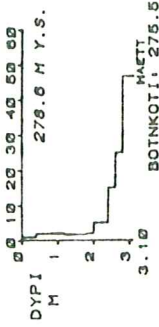
HC-1R

12M VSV HORNFL, SA
BORTIMI S/20CH



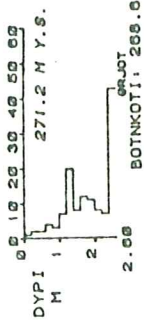
HC-2

100M SV, MOI
BORTIMI S/20CH



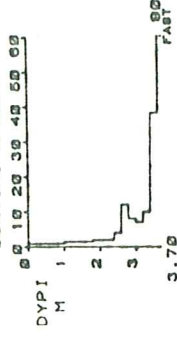
HC-2R

100M, 20M HC-02, MOI
BORTIMI S/20CH



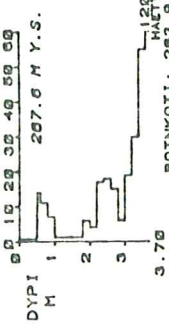
HC-2V

20M NV HC02R, MOI
BORTIMI S/20CH



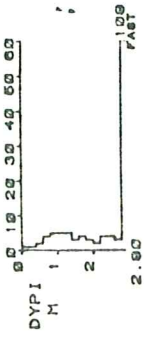
HC-3

100M SV, MOLD
BORTIMI S/20CH



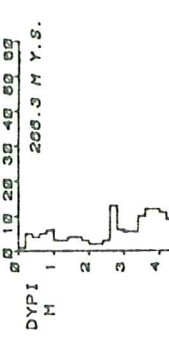
HC-3R

100M, 20M HC03, MOI
BORTIMI S/20CH



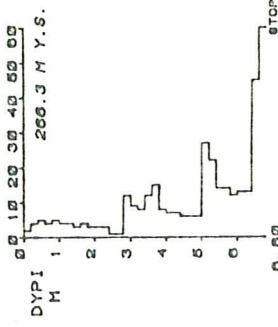
HC-4V

20M NV HC04R, VIKUR
BORTIMI S/20CH



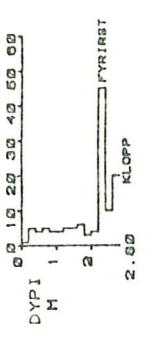
HC-4R

100M VSV, VIKUR
BORTIMI S/20CH



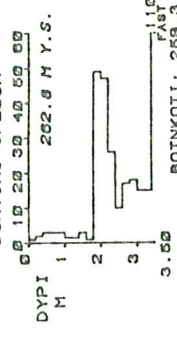
HC-5

110M SV, SANDUR
BORTIMI S/20CH



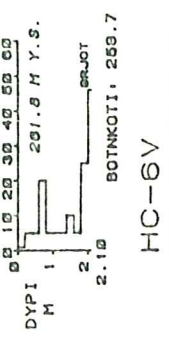
HC-5R

100M VSV, SANDUR
BORTIMI S/20CH



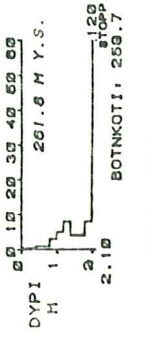
HC-6

100M, 10M F/SL, SA
BORTIMI S/20CH



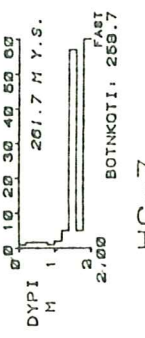
HC-6V

20M NNV HC06R, SA
BORTIMI S/20CH



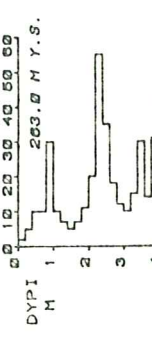
HC-6R

100M VSV, SANDUR
BORTIMI S/20CH



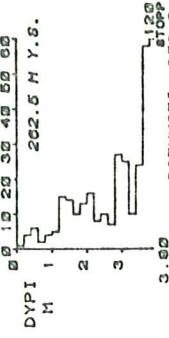
HC-7

100M SV, SANDUR
BORTIMI S/20CH



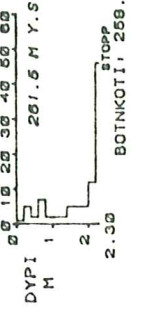
HC-7R

100M VSV, SANDUR
BORTIMI S/20CH



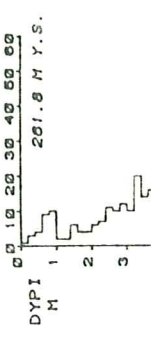
HC-8

100M SV, SENDID
BORTIMI S/20CH



HC-8V

20M NNV F/08R, SA
BORTIMI S/20CH



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COBRABORUN
Hofa HC-1 - HC-8V

VIBAUKI D

Blad 1

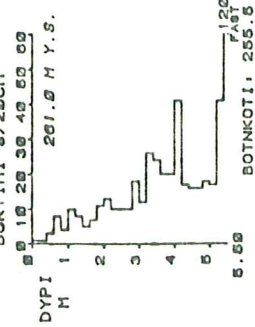
MALT. 1988

MALT AF. MG

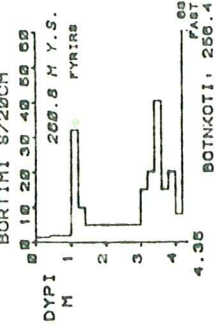
T. 1988-11-05 OHV

F. 20196

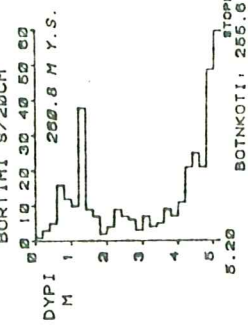
HC-8R
100M VSV, SANDUR
BORTIMI S/20CH



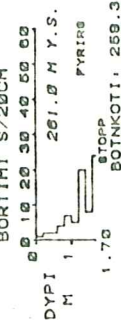
HC-9
100M SV, VIK, SA
BORTIMI S/20CH



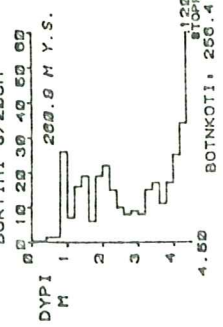
HC-9R
100M VSV, SANDUR
BORTIMI S/20CH



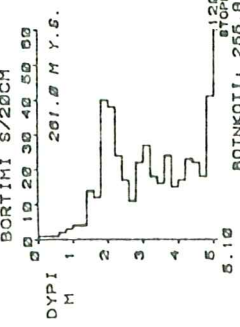
HC-10
100M SV, VIK, SA
BORTIMI S/20CH



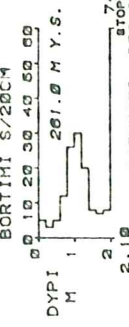
HC-10V
20M NNV F/10R, SA
BORTIMI S/20CH



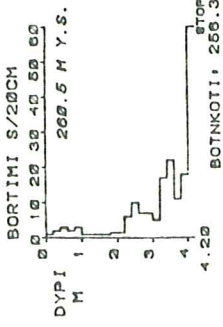
HC-10R
100M VSV R, SANDUR
BORTIMI S/20CH



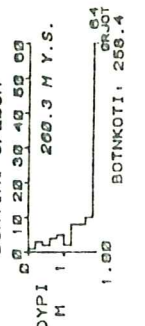
HC-11
100M SV, VIK, SA
BORTIMI S/20CH



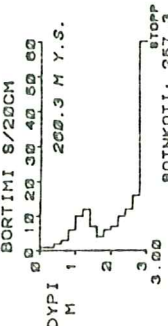
HC-11A
15M SSA F/HC11, SA
BORTIMI S/20CH



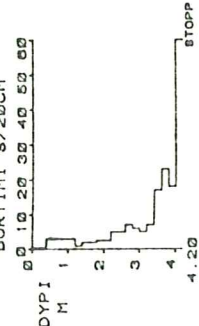
HC-12
100M SV, SANDUR
BORTIMI S/20CH



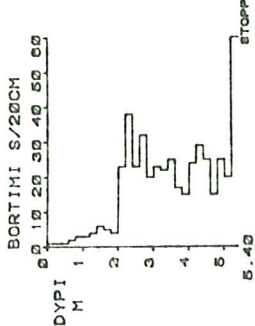
HC-12V
20M NNV F/HC12, SA
BORTIMI S/20CH



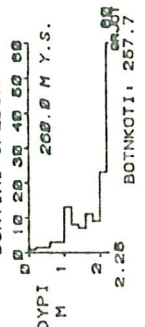
HC-13
100M SV, SANDUR
BORTIMI S/20CH



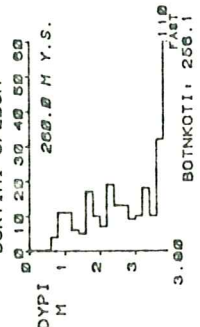
HC-13A
20M SSA F/HC13, SA
BORTIMI S/20CH



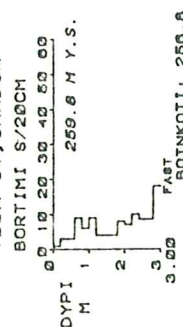
HC-14
100M, 4M NA PH041
BORTIMI S/20CH



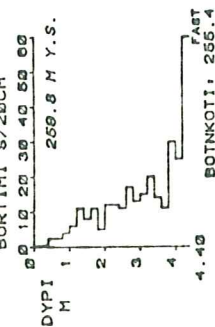
HC-14V
20M NNV F/HC14, SA
BORTIMI S/20CH



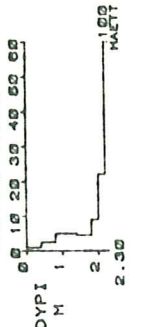
HC-15
100M SV, SANDUR
BORTIMI S/20CH



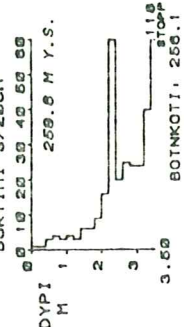
HC-15A
20M SSA F/HC15, SA
BORTIMI S/20CH



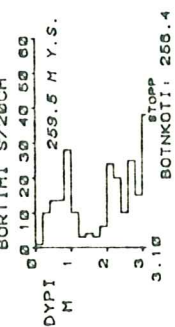
HC-16
100M SV, SA, VIK
BORTIMI S/20CH



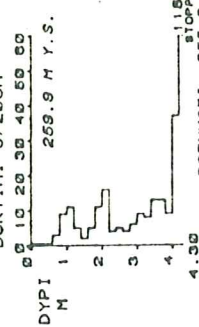
HC-16V
20M NNV F/HC16, SA
BORTIMI S/20CH



HC-17
100M SV, SANDUR
BORTIMI S/20CH



HC-17A
20M SSA F/HC17, SA
BORTIMI S/20CH

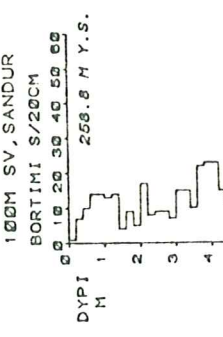
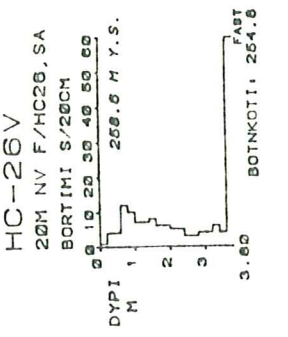
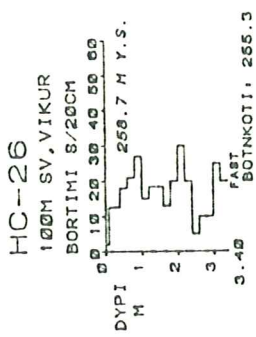
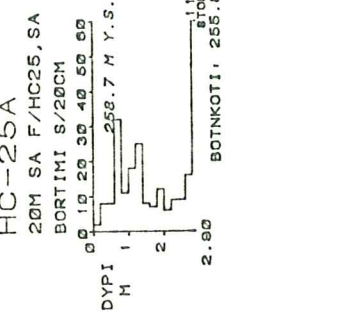
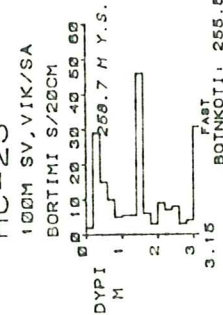
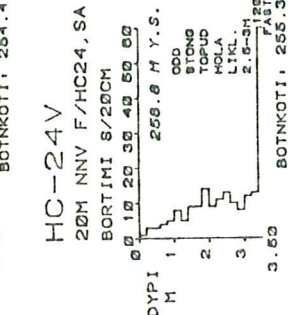
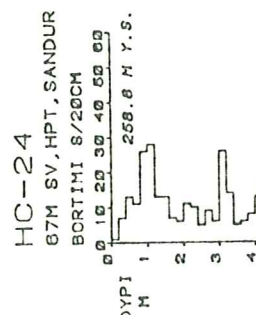
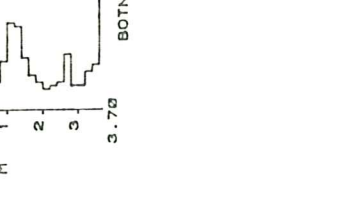
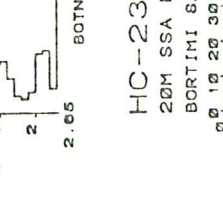
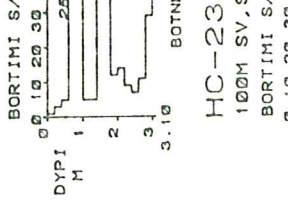
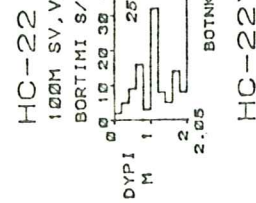
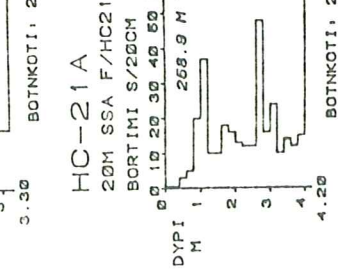
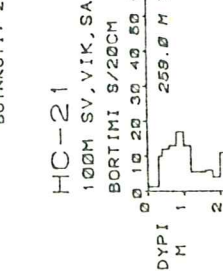
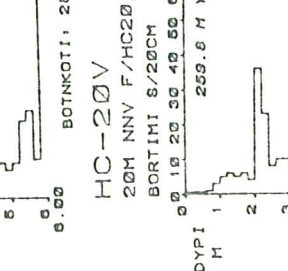
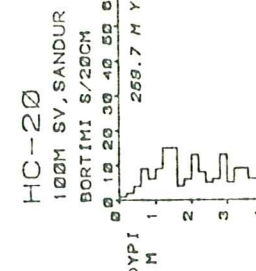
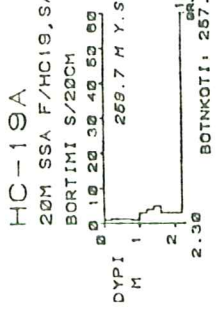
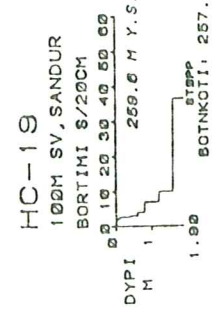
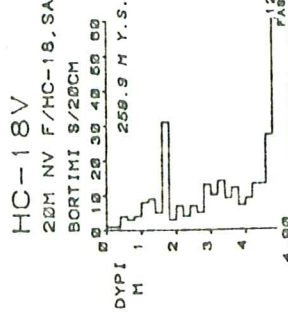
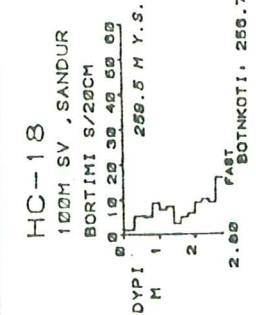


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Hala HC-8R-HC-17A

VIBAUKI D

BLC2

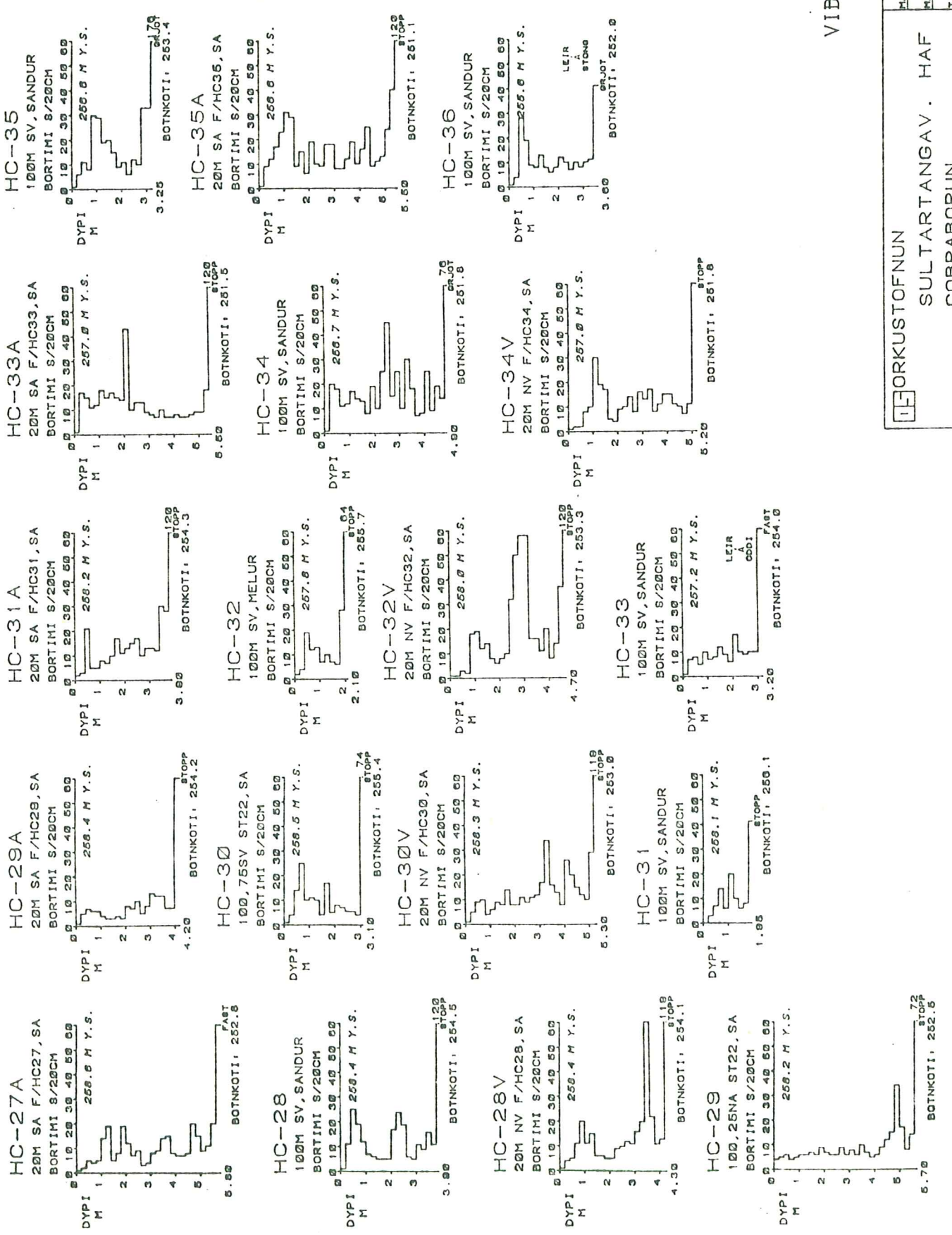
MALT, 1000
MALT AF, PG
T. 1000-11-05 OHV
F. 20196



VIDAUKI D
Blad 3

REKURSTOFNUN
SULTARTANGAV. HAF
COBRABORUN
Hala HC-18-HC-27

MALT. 1000
MALT. AF. MG
T. 1000-11-07. OHV
F. 20196

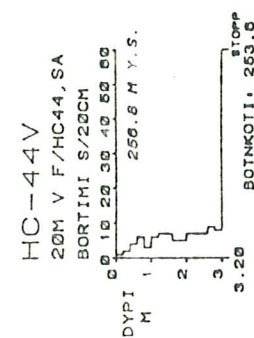
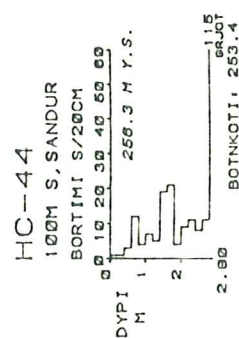
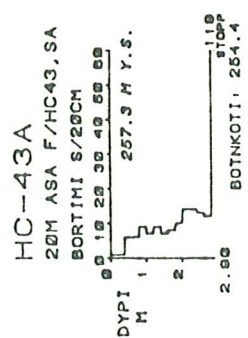
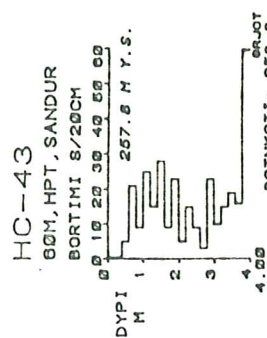
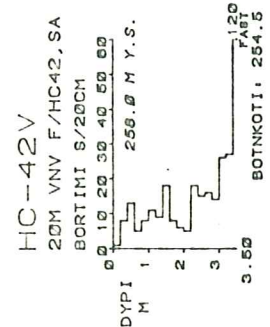
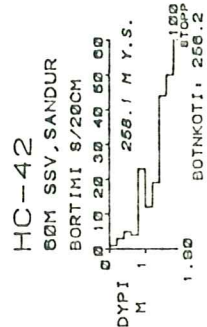
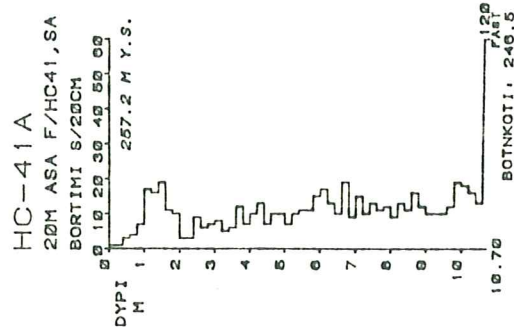
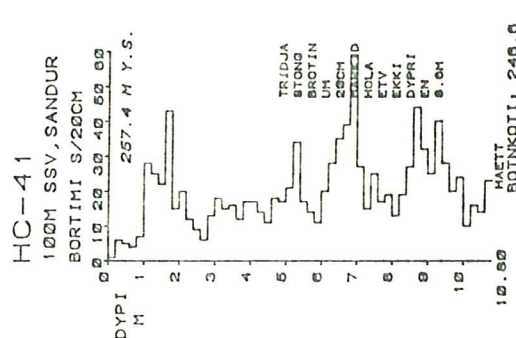
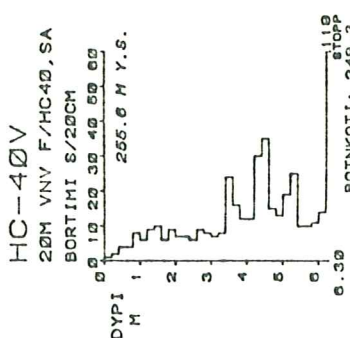
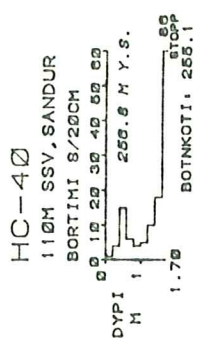
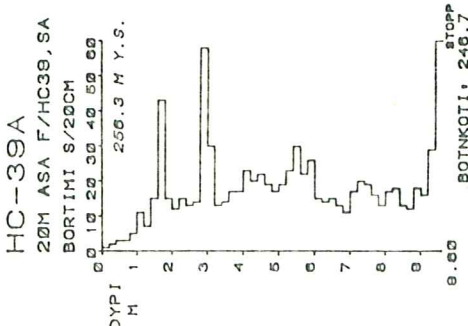
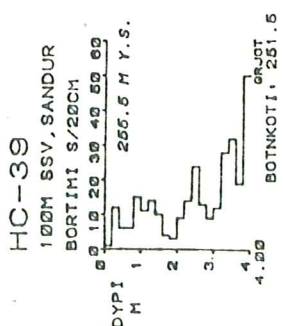
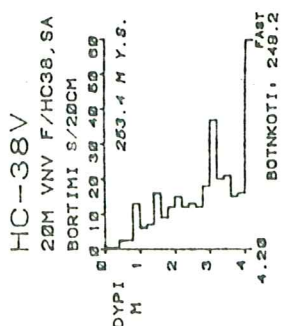
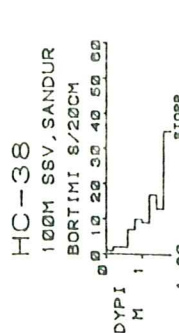
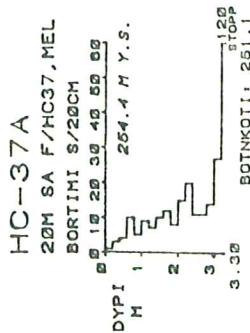
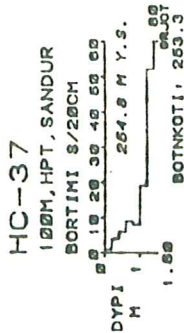
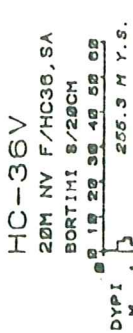


VIBAUKI D

Blad 4


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 COBRABORUN
 Hala HC-27A-HC-36

MALT. 1996
 MALT. AT. HG
 T. 1996-11-06 DMV
 F. 20196



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COBRABORUN
Hala HC-36V - HC-44V

VIÐAUKI D

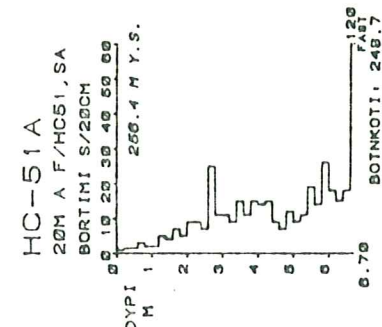
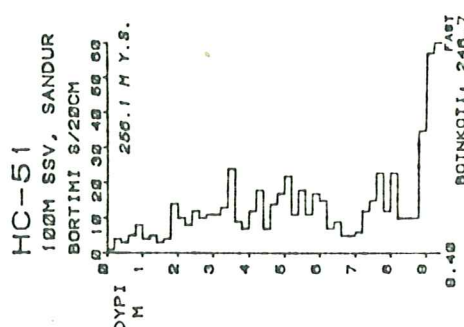
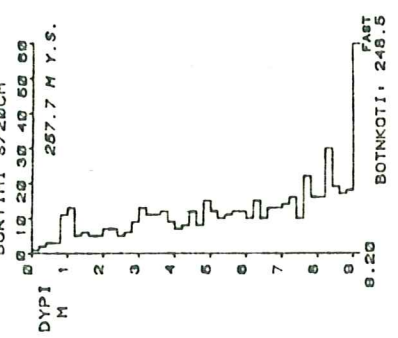
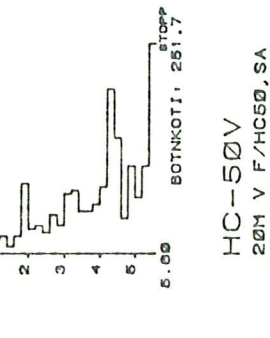
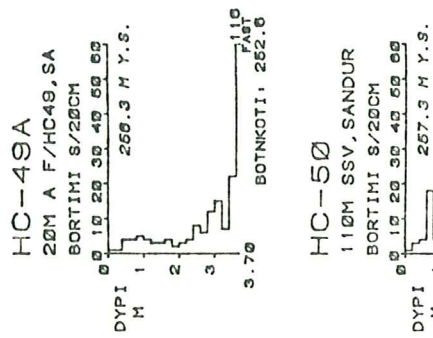
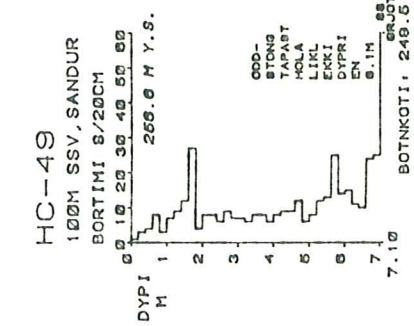
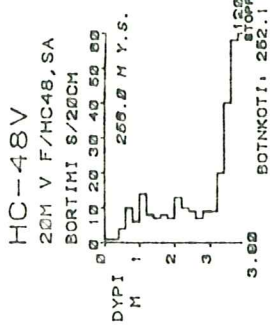
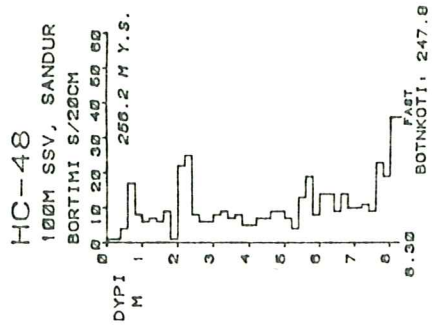
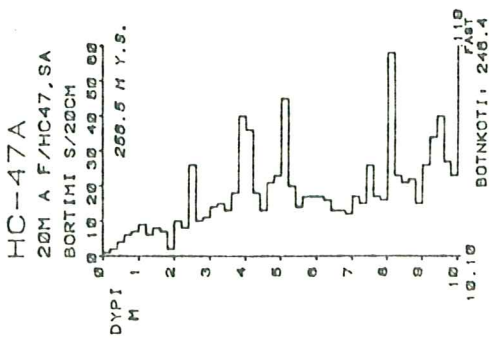
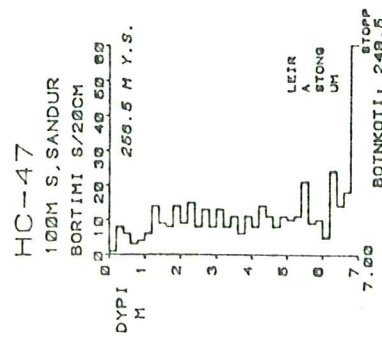
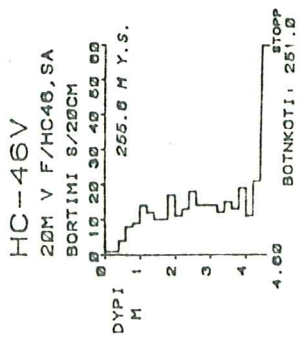
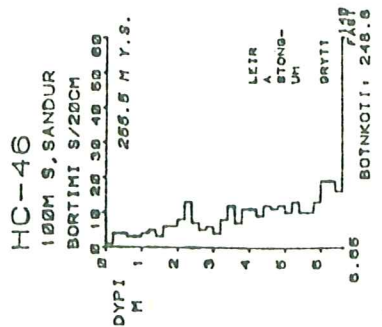
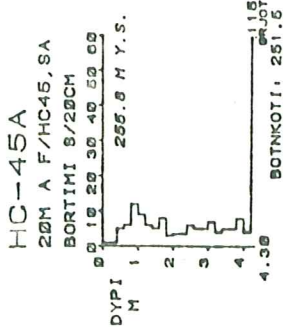
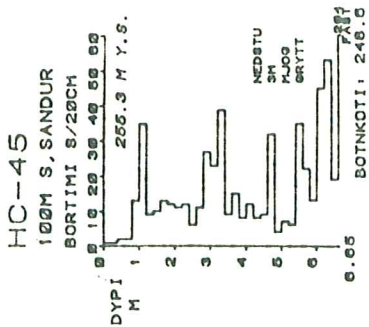
Bl. 5

MALT. 1969

MALT AF. MÓ

T. 1969-11-06 01V

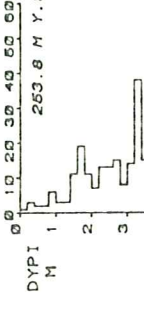
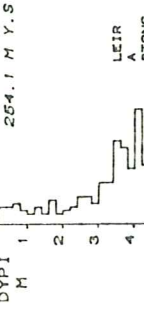
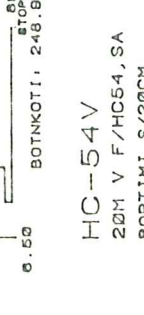
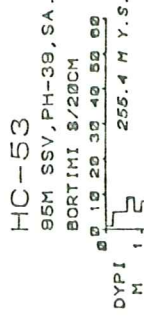
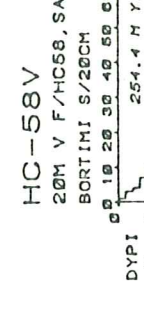
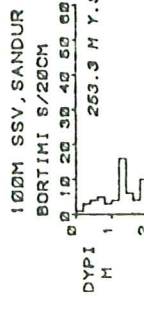
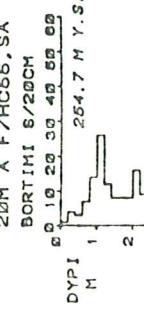
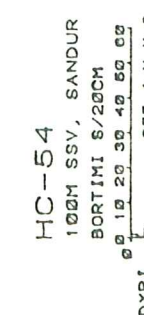
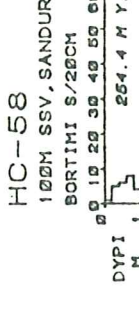
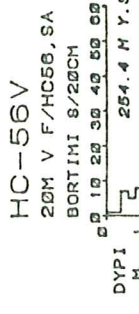
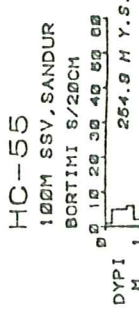
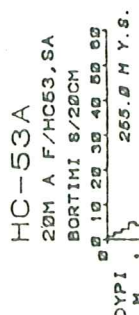
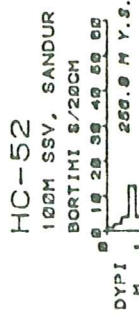
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VIBAUKI D
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ORKUSTOFNUN
SULTARTANGAV. HAF
COBRABORUN
Hala HC-45-HC-51A

MALT. 1980
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T. 1989-11-08 ØHV
F. 20196

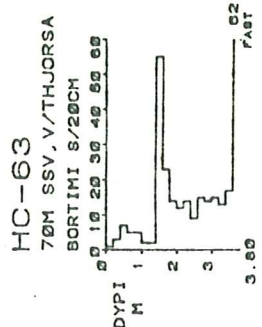
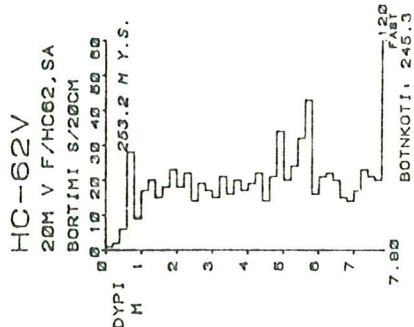
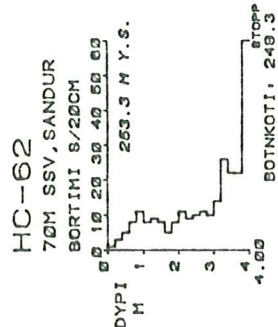
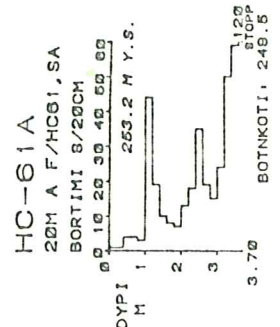
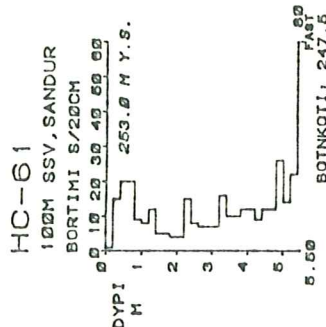
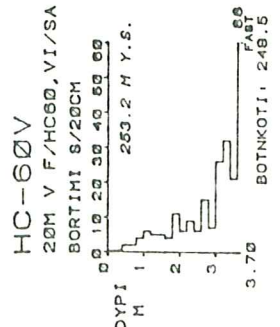
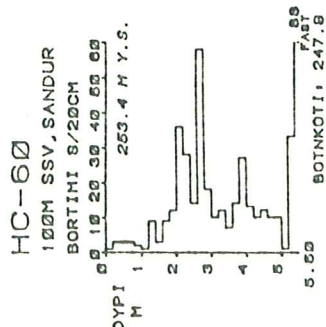
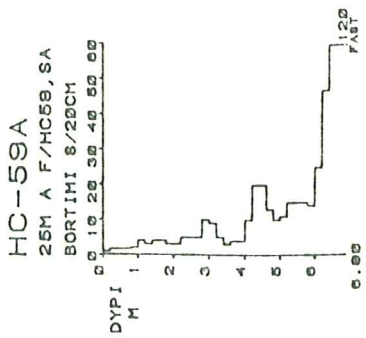
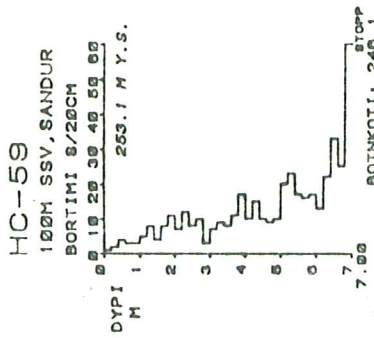


VIBAUKI D

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SULTARTANGAV. HAF
COBRABORUN
Höla HC-52-HC-58V

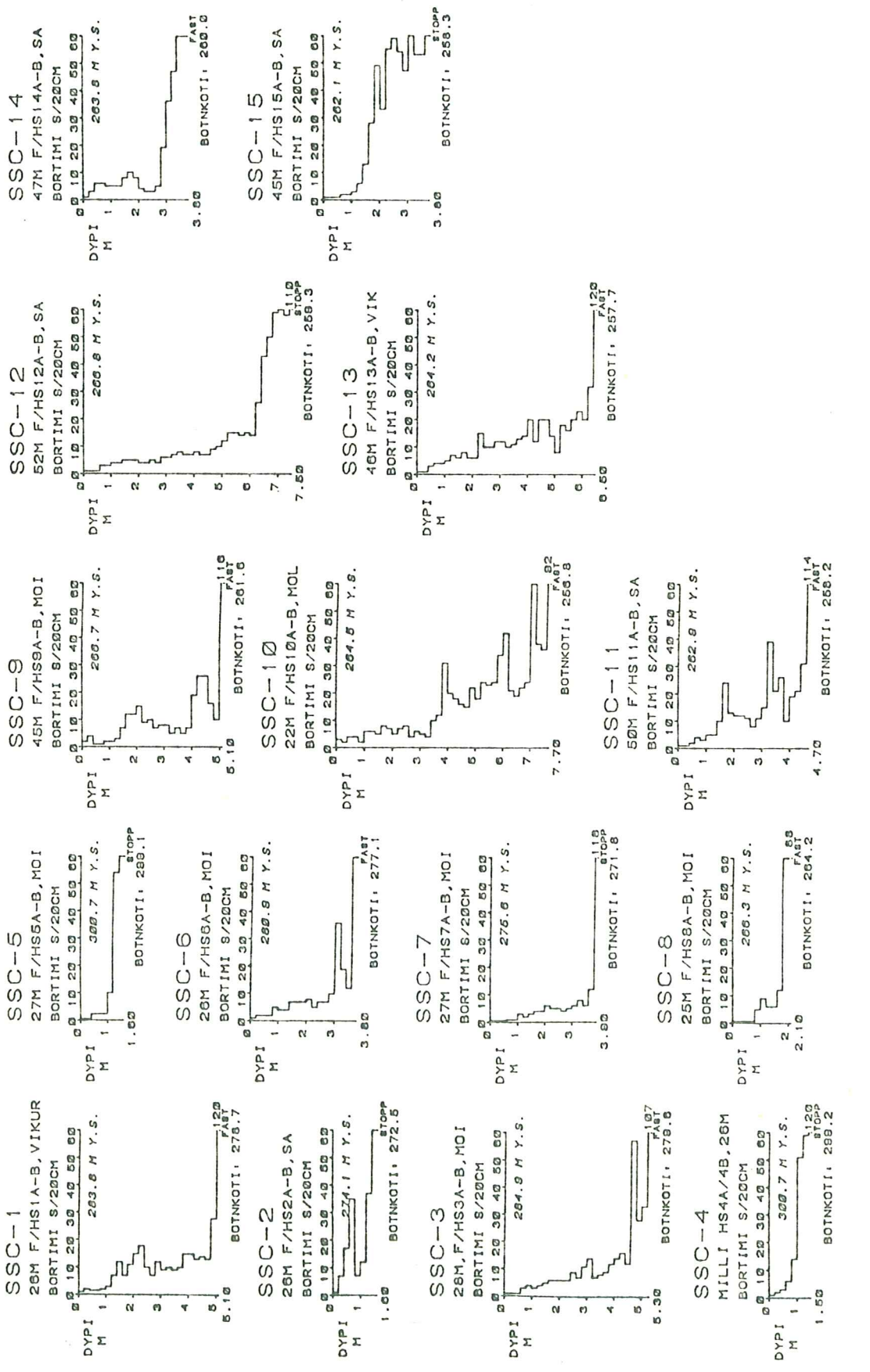
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T. 1999-11-07 OHV
F 20196



VIBAUKI D

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LEIFORKUSTOFNUN	MALT. 1988
SULTARTANGAV. HAF	MALT AF. MQ
COBRABORUN	T. 1988-11-07 DMV
Hola HC-59-HC-63	F. 20196



VÍÐAUKI D
Blað 9

ÞORKUSTOFNUN
SULTARTANGAV. INNT.
COBRABORUN
Hóla SSC-1-SSC-15

MALT. 1880
MALT AF. MO
T. 1880-11-12 ÖHY
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